

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129361.D
 Acq On : 26 Jul 2022 18:18
 Operator : CG\JU
 Sample : N3813-06MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QUEENS4A-WC-20220720MSD

Quant Time: Jul 27 00:40:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/27/2022
 Supervised By : Jagrut Upadhyay 07/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	218838	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	888425	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	463335	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	741526	20.000	ng	0.00
76) Chrysene-d12	14.057	240	371409	20.000	ng	#-0.01
86) Perylene-d12	15.545	264	429272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1555975	115.825	ng	0.01
7) Phenol-d6	6.516	99	1874265	110.998	ng	0.00
23) Nitrobenzene-d5	7.451	82	1341837	82.448	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	556512	124.929	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2240535	74.805	ng	0.00
79) Terphenyl-d14	12.998	244	2080450	105.677	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	236663	39.046	ng	90
3) Pyridine	3.493	79	319329	18.971	ng	90
4) n-Nitrosodimethylamine	3.434	42	322229	43.595	ng	91
6) Aniline	6.545	93	533448	25.412	ng	99
8) 2-Chlorophenol	6.669	128	686569	46.779	ng	97
9) Benzaldehyde	6.434	77	211001	18.401	ng	97
10) Phenol	6.528	94	715776m	39.806	ng	
11) bis(2-Chloroethyl)ether	6.622	93	667828	46.831	ng	91
12) 1,3-Dichlorobenzene	6.822	146	672538	42.726	ng	99
13) 1,4-Dichlorobenzene	6.904	146	681527	42.573	ng	98
14) 1,2-Dichlorobenzene	7.051	146	661353	44.945	ng	99
15) Benzyl Alcohol	7.028	79	572511	46.749	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	985343	45.967	ng	93
17) 2-Methylphenol	7.134	107	538797	44.252	ng	99
18) Hexachloroethane	7.398	117	262137	43.487	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	465207	45.509	ng	93
20) 3+4-Methylphenols	7.287	107	640458	41.370	ng	92
22) Acetophenone	7.298	105	912952	44.138	ng	# 96
24) Nitrobenzene	7.469	77	720994	43.021	ng	96
25) Isophorone	7.704	82	1347213	46.180	ng	99
26) 2-Nitrophenol	7.781	139	365015	44.149	ng	97
27) 2,4-Dimethylphenol	7.816	122	623844m	50.303	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	823541	48.663	ng	99
29) 2,4-Dichlorophenol	8.022	162	562890	43.974	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	549202	41.451	ng	98
31) Naphthalene	8.192	128	1905810	42.222	ng	99
32) Benzoic acid	7.922	122	248890	27.760	ng	99
33) 4-Chloroaniline	8.239	127	437334	23.600	ng	95
34) Hexachlorobutadiene	8.304	225	324193	43.045	ng	99
35) Caprolactam	8.610	113	156069m	37.502	ng	
36) 4-Chloro-3-methylphenol	8.722	107	614905	45.292	ng	91
37) 2-Methylnaphthalene	8.880	142	1258492	42.904	ng	99
38) 1-Methylnaphthalene	8.980	142	1209785	42.724	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	532525	43.771	ng	# 97
41) Hexachlorocyclopentadiene	9.033	237	583782	107.759	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	388201	43.932	ng	98

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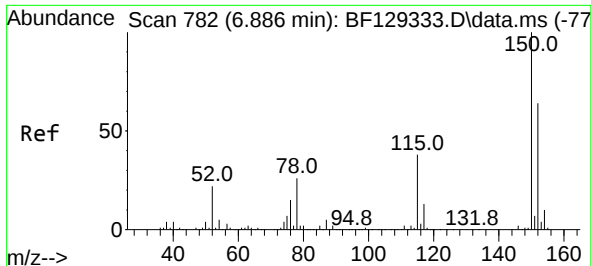
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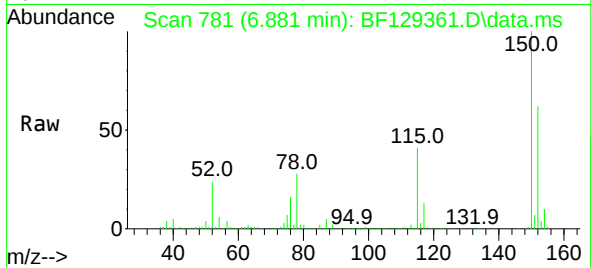
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	423971	44.120	ng	95
46) 1,1'-Biphenyl	9.345	154	1526242	45.136	ng	99
47) 2-Chloronaphthalene	9.375	162	1192212	43.614	ng	98
48) 2-Nitroaniline	9.469	65	406581	44.730	ng	96
49) Acenaphthylene	9.792	152	1822334	43.874	ng	99
50) Dimethylphthalate	9.651	163	1434344	44.844	ng	99
51) 2,6-Dinitrotoluene	9.710	165	327948	45.809	ng	92
52) Acenaphthene	9.963	154	1264921m	46.626	ng	
53) 3-Nitroaniline	9.880	138	272431	32.227	ng	# 95
54) 2,4-Dinitrophenol	9.992	184	295763	80.928	ng	# 89
55) Dibenzofuran	10.133	168	1637574	43.788	ng	96
56) 4-Nitrophenol	10.045	139	462300	74.126	ng	98
57) 2,4-Dinitrotoluene	10.116	165	433130	46.313	ng	98
58) Fluorene	10.475	166	1288372	43.056	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	316296	42.593	ng	93
60) Diethylphthalate	10.345	149	1389926	44.952	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	582683	44.170	ng	94
62) 4-Nitroaniline	10.504	138	328303	39.148	ng	91
63) Azobenzene	10.627	77	1351722	42.861	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	203535	43.487	ng	89
66) n-Nitrosodiphenylamine	10.586	169	1132353	45.854	ng	95
67) 4-Bromophenyl-phenylether	10.957	248	383526	47.233	ng	95
68) Hexachlorobenzene	11.022	284	404345	45.958	ng	94
69) Atrazine	11.110	200	174989	23.329	ng	98
70) Pentachlorophenol	11.222	266	409182	85.550	ng	99
71) Phenanthrene	11.439	178	1770902	43.750	ng	99
72) Anthracene	11.492	178	1800835	45.272	ng	100
73) Carbazole	11.651	167	1616338	43.166	ng	99
74) Di-n-butylphthalate	11.969	149	2033474	45.601	ng	99
75) Fluoranthene	12.633	202	1603739	39.103	ng	99
77) Benzidine	12.751	184	196844	15.002	ng	100
78) Pyrene	12.863	202	1587640	51.118	ng	99
80) Butylbenzylphthalate	13.474	149	688624	51.117	ng	92
81) Benzo(a)anthracene	14.051	228	1146789	45.201	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	352116	42.035	ng	# 95
83) Chrysene	14.086	228	1065570	44.564	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	889157	50.134	ng	98
85) Di-n-octyl phthalate	14.639	149	1261671	49.435	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1511762	52.296	ng	99
88) Benzo(b)fluoranthene	15.110	252	1285185	45.134	ng	98
89) Benzo(k)fluoranthene	15.139	252	1090859	39.093	ng	98
90) Benzo(a)pyrene	15.486	252	1093252	47.296	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	1307577	55.575	ng	98
92) Benzo(g,h,i)perylene	17.521	276	1309242	54.457	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 70
Delta R.T. -0.005 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

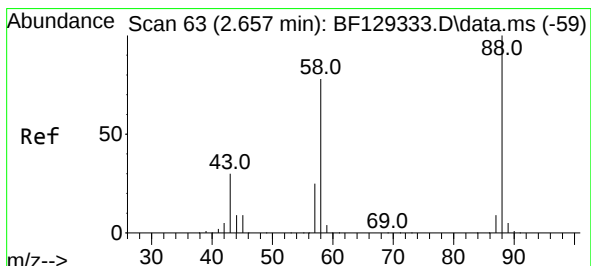
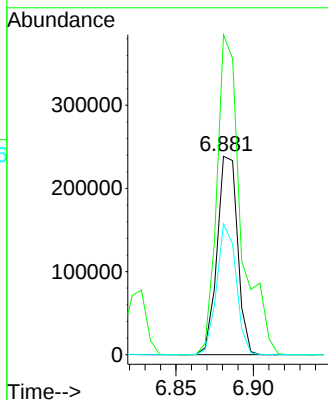
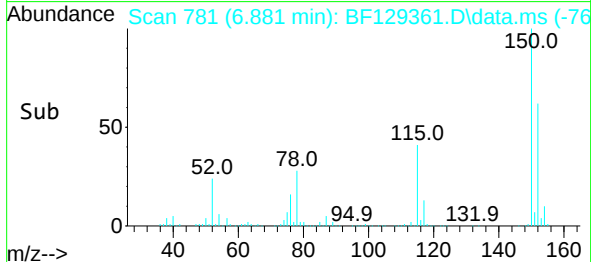
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



Tgt Ion:152 Resp: 21838
Ion Ratio Lower Upper
152 100
150 161.3 123.7 185.5
115 65.8 49.9 74.9

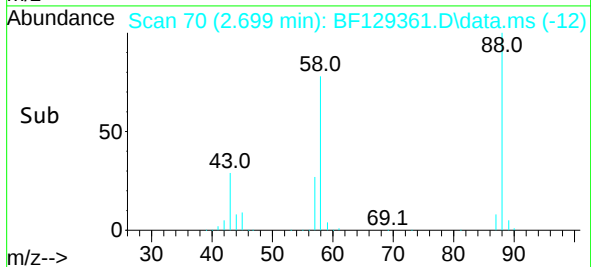
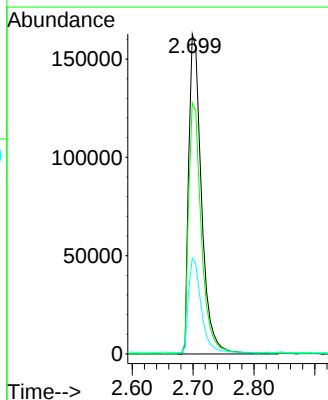
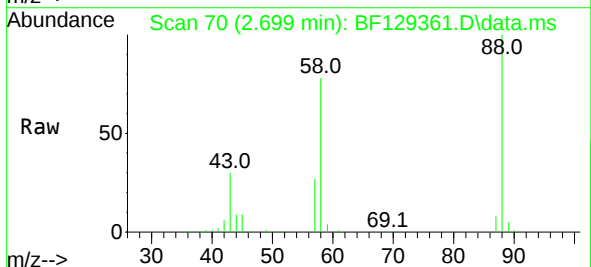
Manual Integrations
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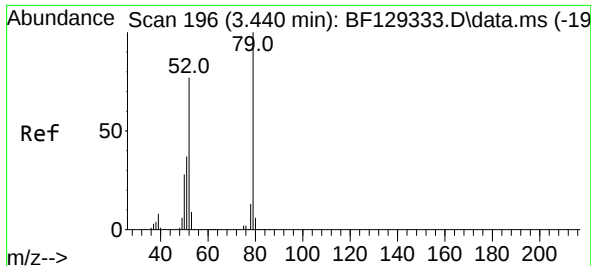
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#2
1,4-Dioxane
Concen: 39.046 ng
RT: 2.699 min Scan# 70
Delta R.T. 0.041 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

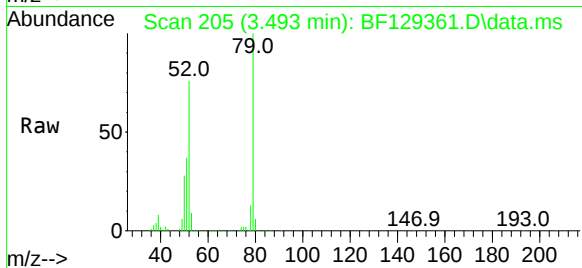
Tgt Ion: 88 Resp: 236663
Ion Ratio Lower Upper
88 100
58 78.9 71.8 107.8
43 29.6 26.6 39.8





#3
Pyridine
Concen: 18.971 ng
RT: 3.493 min Scan# 205
Delta R.T. 0.053 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

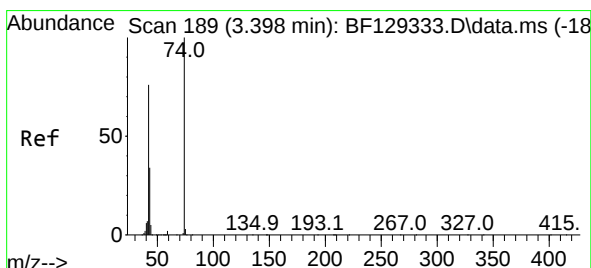
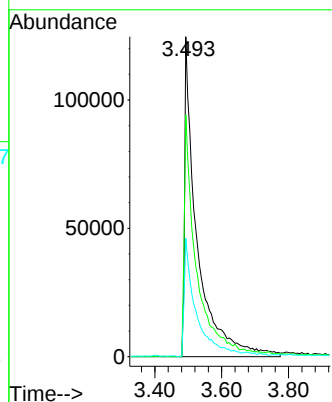
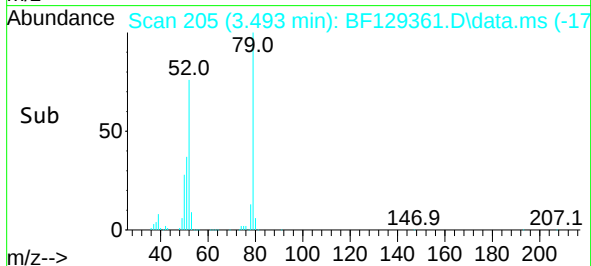
Instrument :
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QUEENS4A-WC-20220720MSD



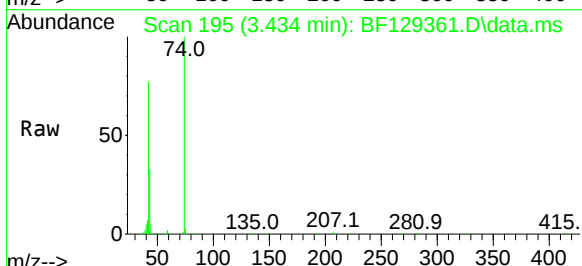
Tgt Ion: 79 Resp: 319329
Ion Ratio Lower Upper
79 100
52 75.6 68.6 102.8
51 37.0 32.9 49.3

Manual Integrations
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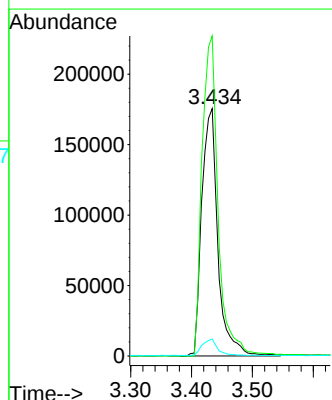
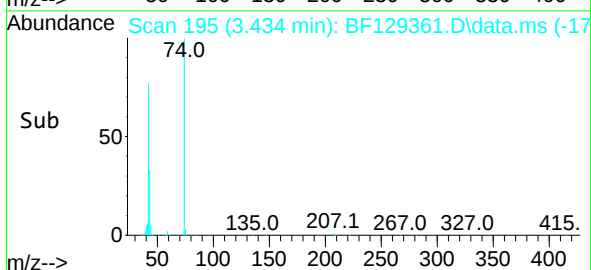
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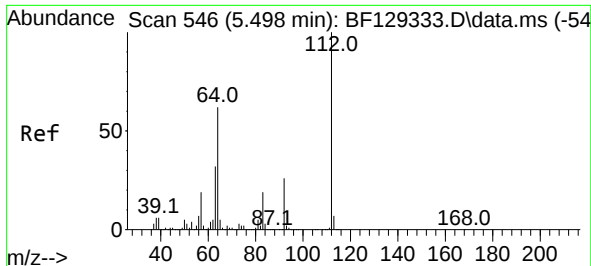


#4
n-Nitrosodimethylamine
Concen: 43.595 ng
RT: 3.434 min Scan# 195
Delta R.T. 0.035 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



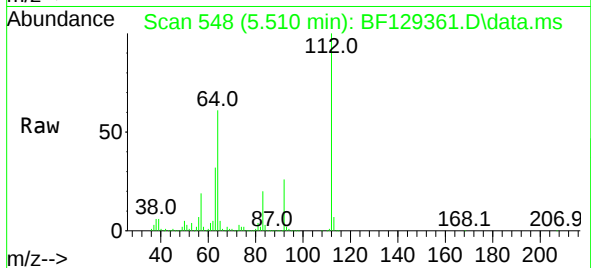
Tgt Ion: 42 Resp: 322229
Ion Ratio Lower Upper
42 100
74 129.4 94.8 142.2
44 6.9 6.6 10.0





#5
2-Fluorophenol
Concen: 115.825 ng
RT: 5.510 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

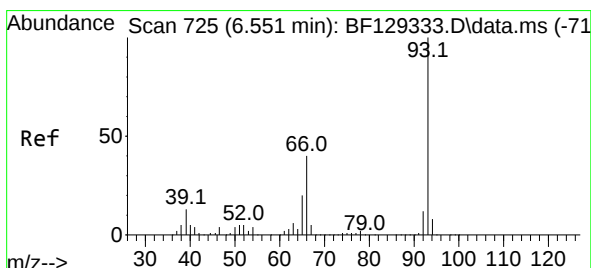
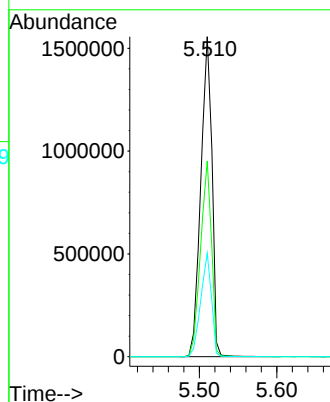
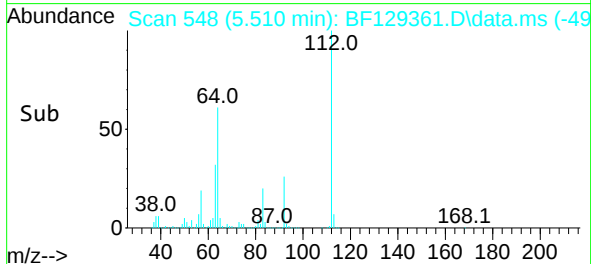
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Tgt Ion: 112 Resp: 1555979
Ion Ratio Lower Upper
112 100
64 61.2 53.3 79.9
63 32.3 28.0 42.0

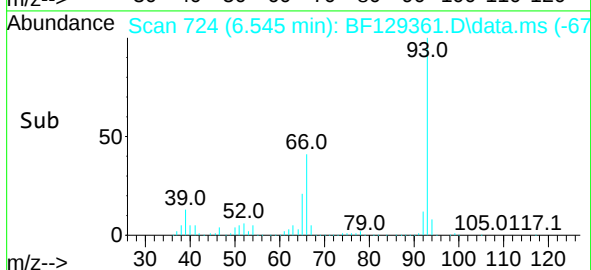
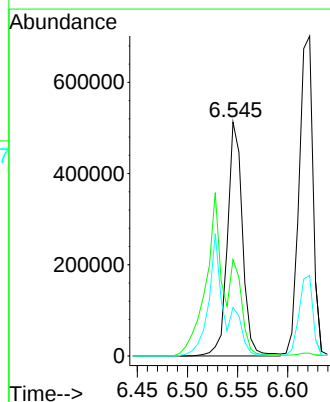
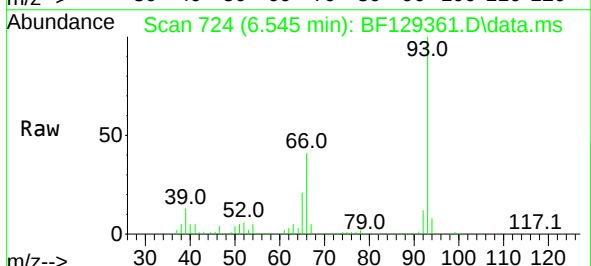
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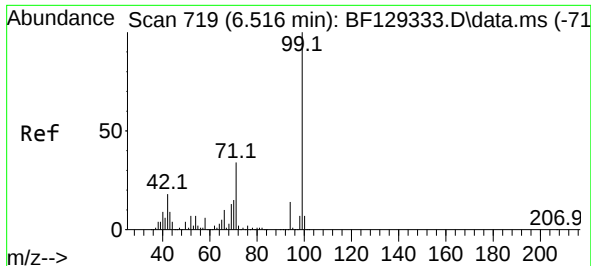
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#6
Aniline
Concen: 25.412 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

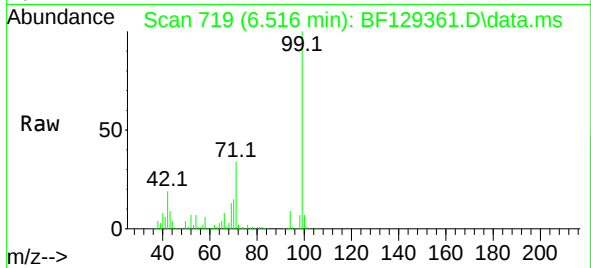
Tgt Ion: 93 Resp: 533448
Ion Ratio Lower Upper
93 100
66 41.2 32.5 48.7
65 20.7 16.4 24.6





#7
Phenol-d6
Concen: 110.998 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

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BNA_F
ClientSampleId :
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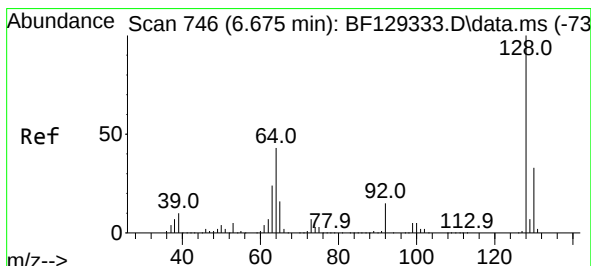
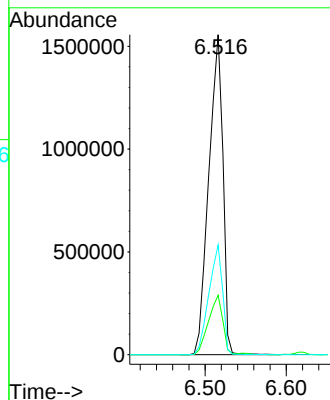
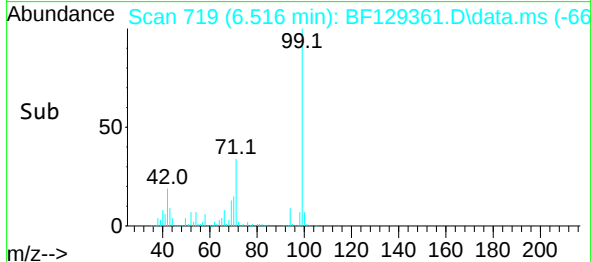


Tgt Ion: 99 Resp: 187426

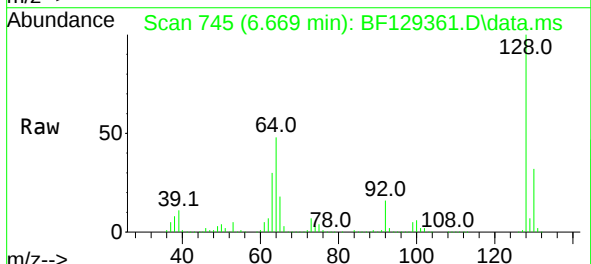
Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.3	25.9
71	34.3	28.9	43.3

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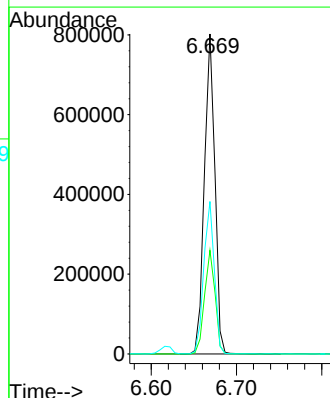
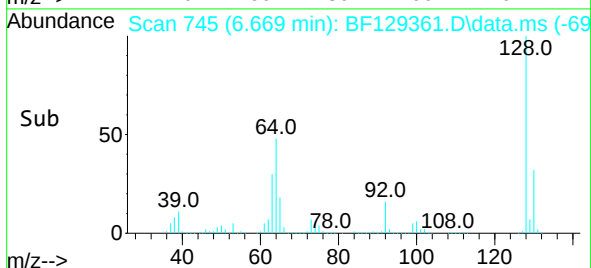


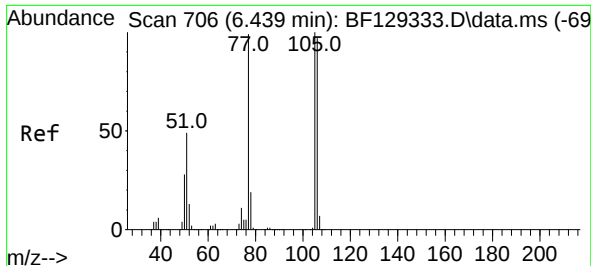
#8
2-Chlorophenol
Concen: 46.779 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



Tgt Ion:128 Resp: 686569

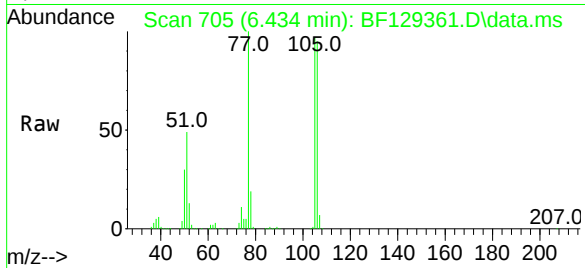
Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.1	53.1
64	47.6	30.9	70.9





#9
Benzaldehyde
Concen: 18.401 ng
RT: 6.434 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129361.D
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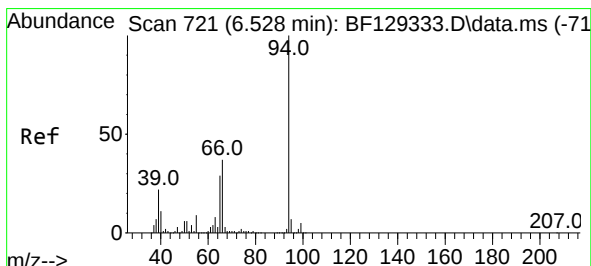
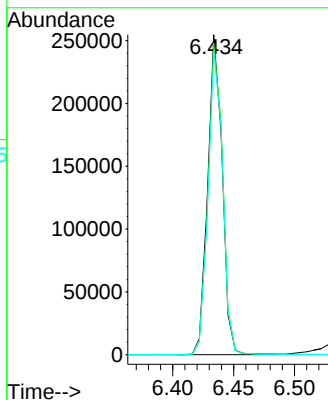
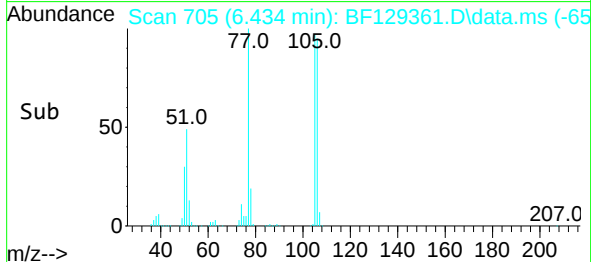
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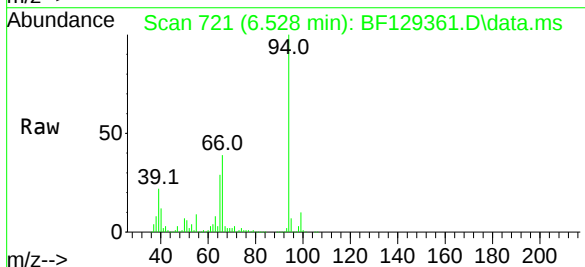
Tgt Ion: 77 Resp: 21100
Ion Ratio Lower Upper
77 100
105 97.3 81.6 121.6
106 94.9 76.1 116.1

Manual Integrations
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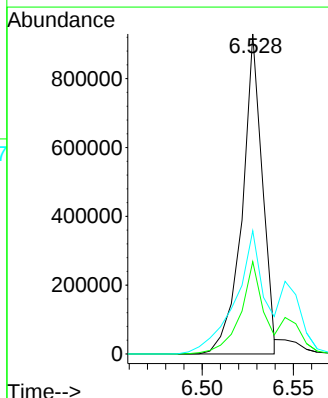
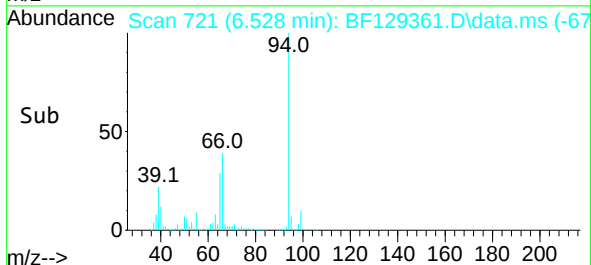
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

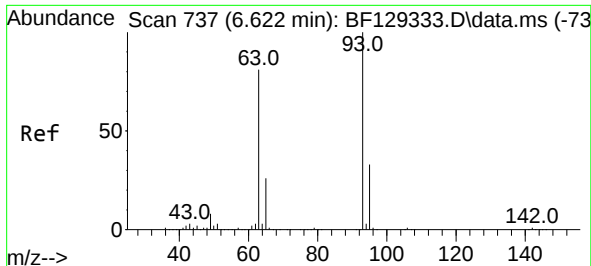


#10
Phenol
Concen: 39.806 ng m
RT: 6.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



Tgt Ion: 94 Resp: 715776
Ion Ratio Lower Upper
94 100
65 28.8 11.4 51.4
66 38.5 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 46.831 ng

RT: 6.622 min Scan# 711

Delta R.T. 0.000 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MSD

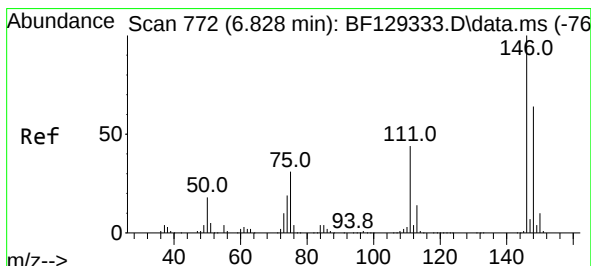
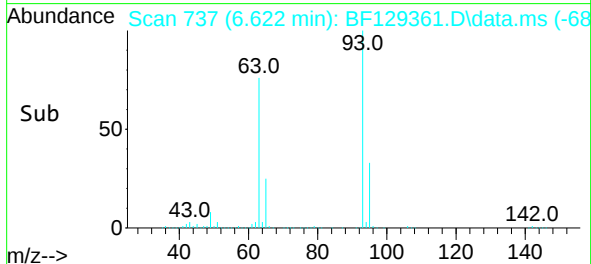
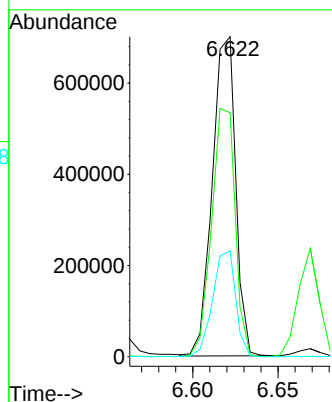
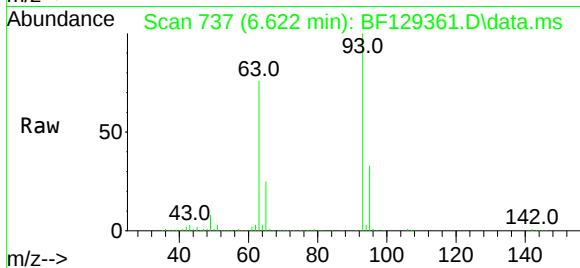
Tgt Ion: 93 Resp: 667828

Ion	Ratio	Lower	Upper
93	100		
63	76.2	67.4	107.4
95	33.0	12.7	52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#12

1,3-Dichlorobenzene

Concen: 42.726 ng

RT: 6.822 min Scan# 771

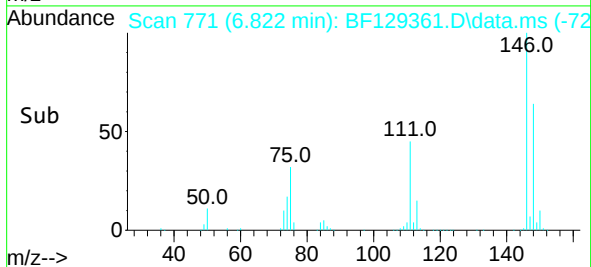
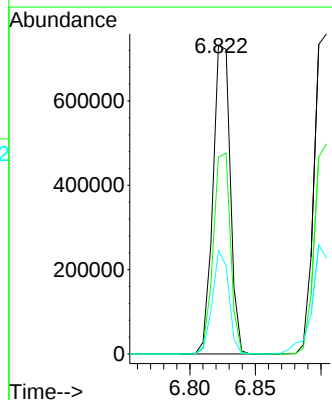
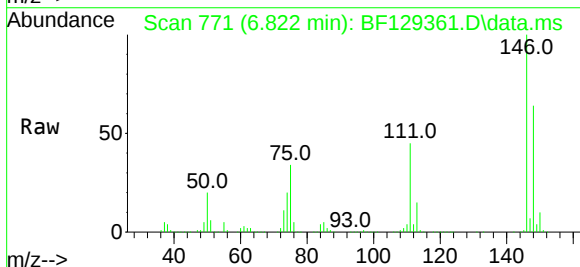
Delta R.T. -0.006 min

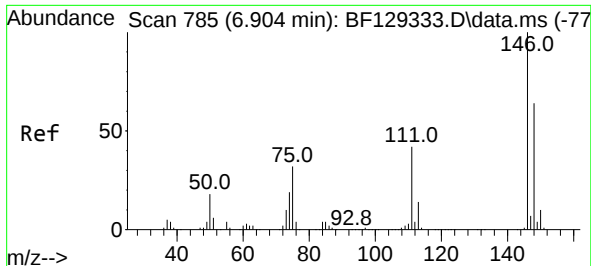
Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

Tgt Ion:146 Resp: 672538

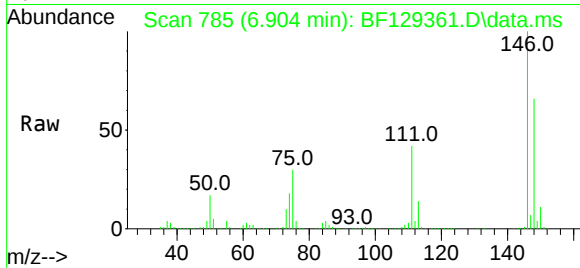
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
75	33.5	26.3	39.5





#13
1,4-Dichlorobenzene
Concen: 42.573 ng
RT: 6.904 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

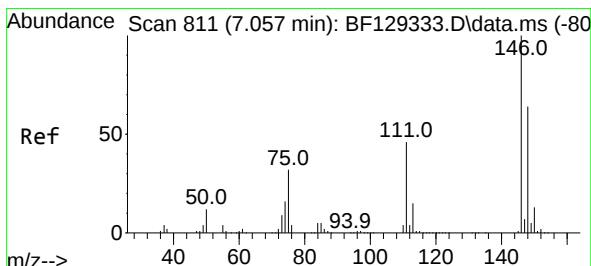
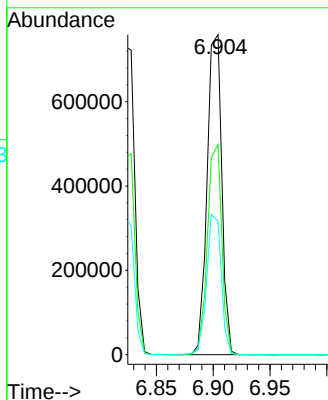
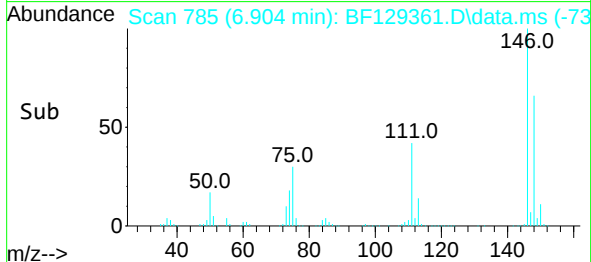
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



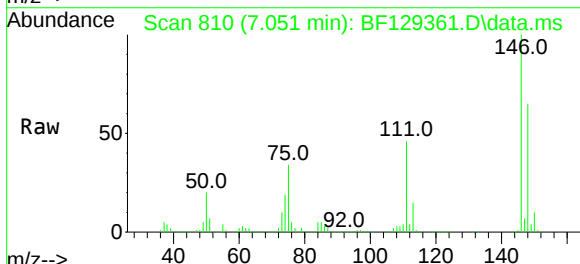
Tgt Ion:146 Resp: 68152
Ion Ratio Lower Upper
146 100
148 65.7 51.1 76.7
111 41.7 34.2 51.4

Manual Integrations
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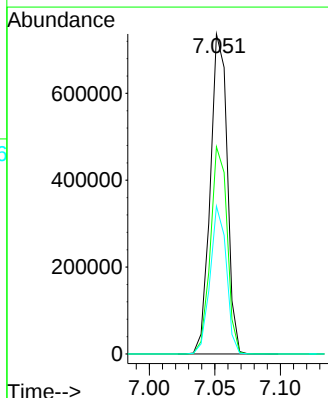
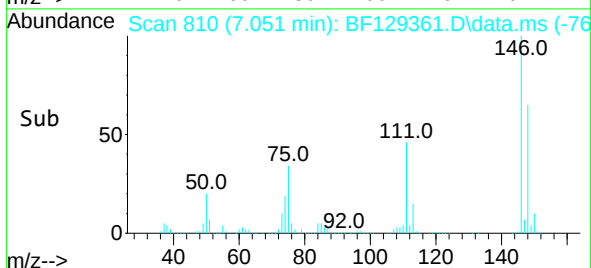
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

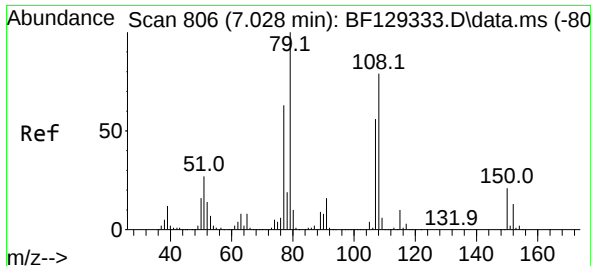


#14
1,2-Dichlorobenzene
Concen: 44.945 ng
RT: 7.051 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



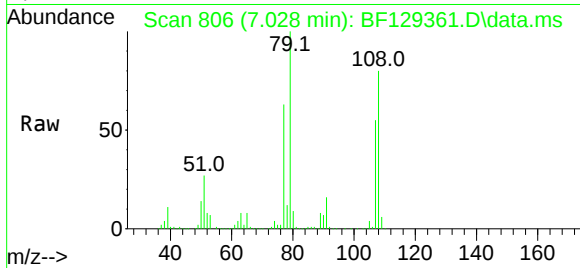
Tgt Ion:146 Resp: 661353
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.8
111 46.2 35.1 52.7





#15
Benzyl Alcohol
Concen: 46.749 ng
RT: 7.028 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

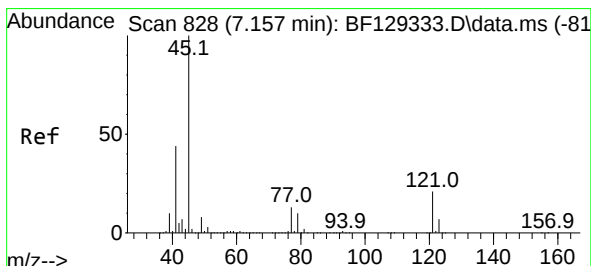
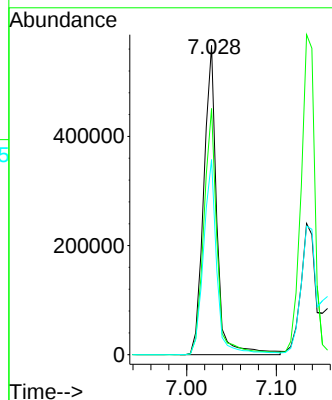
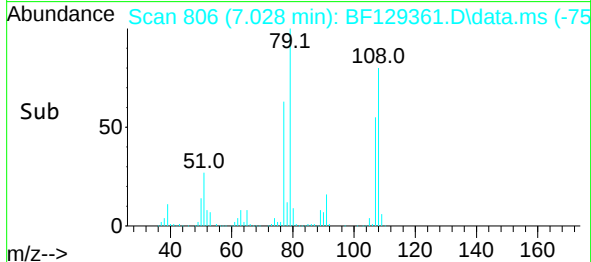
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



Tgt Ion: 79 Resp: 57251
Ion Ratio Lower Upper
79 100
108 79.6 61.8 92.6
77 63.1 50.2 75.4

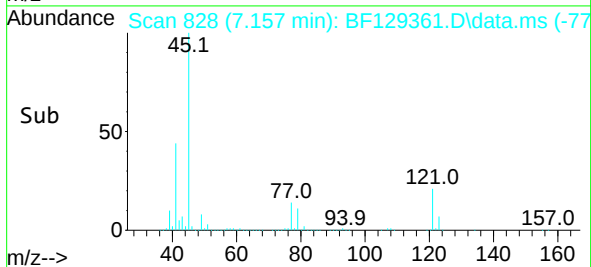
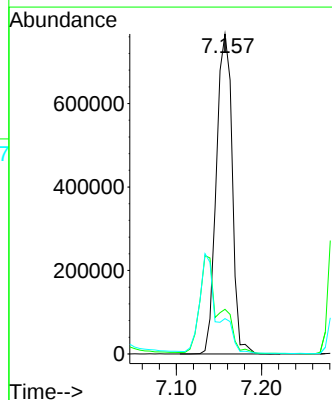
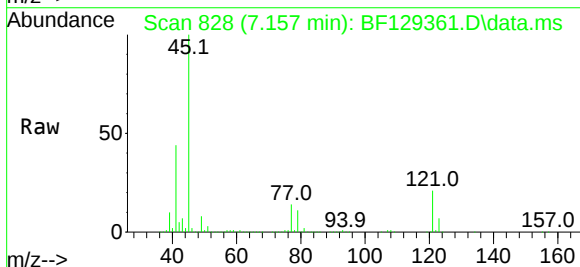
Manual Integrations
APPROVED

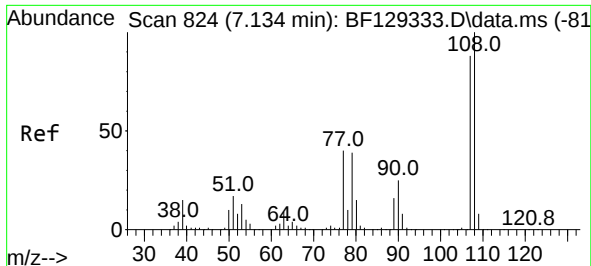
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.967 ng
RT: 7.157 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

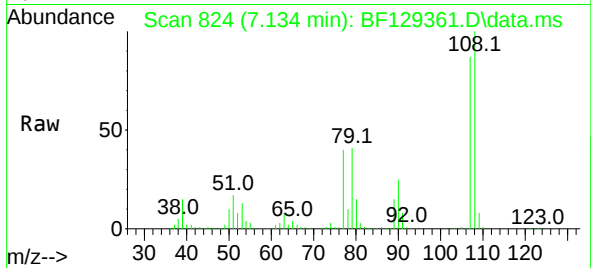
Tgt Ion: 45 Resp: 985343
Ion Ratio Lower Upper
45 100
77 13.9 0.0 31.3
79 11.1 0.0 28.3





#17
2-Methylphenol
Concen: 44.252 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

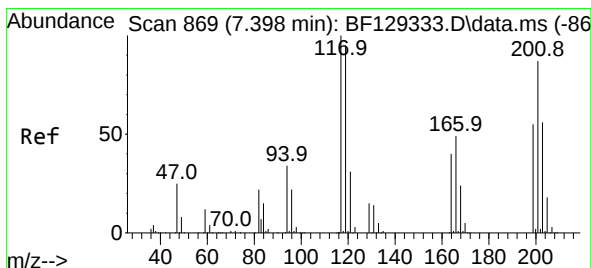
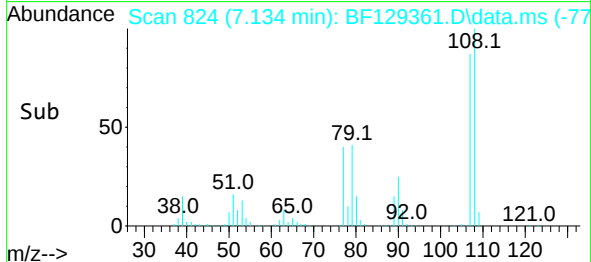
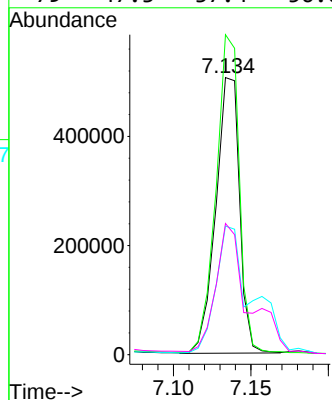
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



Tgt Ion:	107	Resp:	53879
Ion	Ratio	Lower	Upper
107	100		
108	115.4	91.9	137.9
77	46.4	37.8	56.8
79	47.3	37.4	56.0

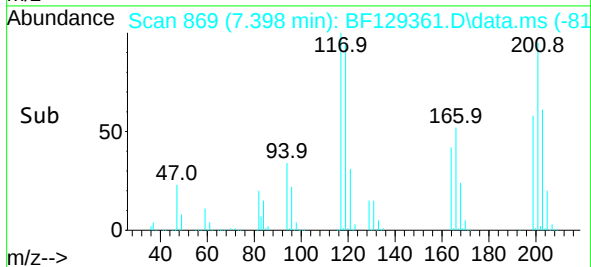
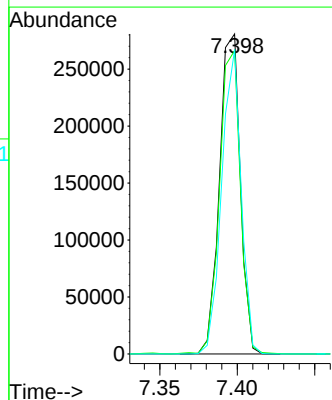
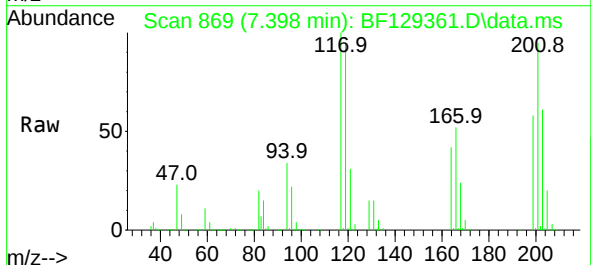
Manual Integrations APPROVED

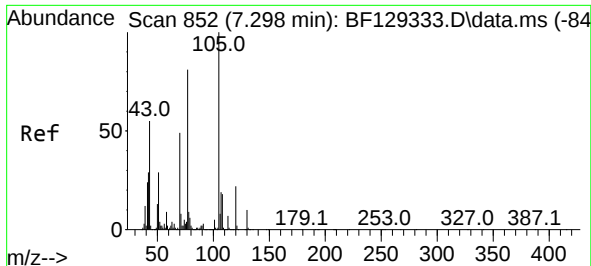
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#18
Hexachloroethane
Concen: 43.487 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

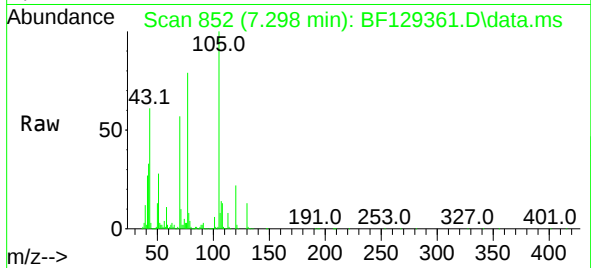
Tgt Ion:	117	Resp:	262137
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.2
201	95.1	84.6	127.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.509 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

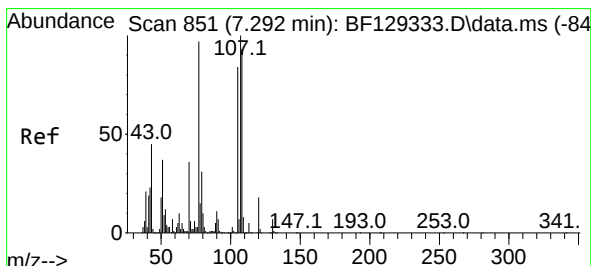
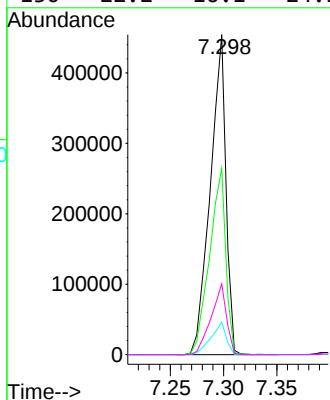
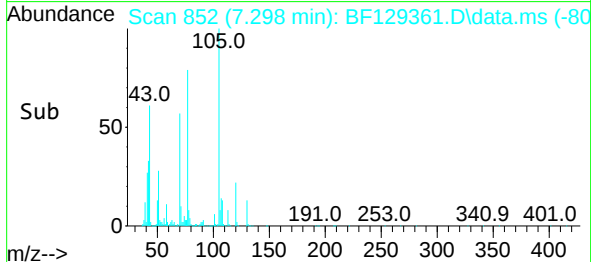
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



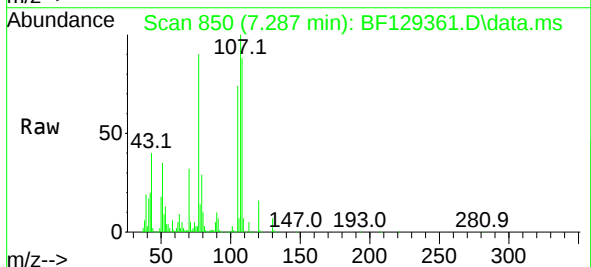
Tgt Ion: 70 Resp: 46520
Ion Ratio Lower Upper
70 100
42 58.2 52.3 78.5
101 10.2 7.5 11.3
130 22.2 16.1 24.1

Manual Integrations
APPROVED

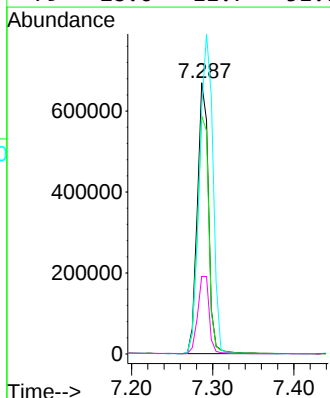
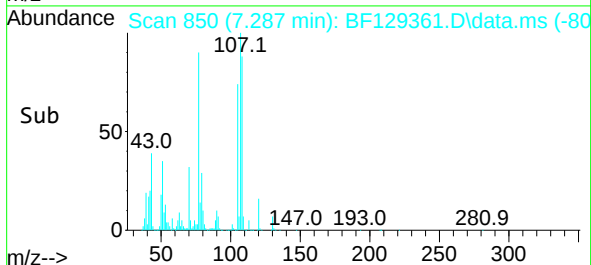
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

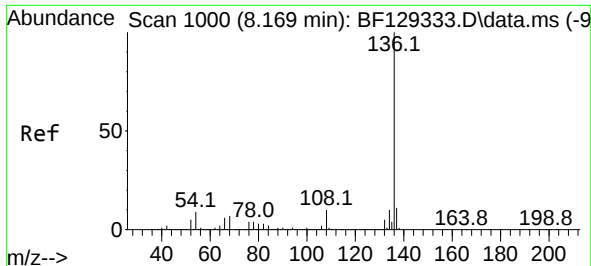


#20
3+4-Methylphenols
Concen: 41.370 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



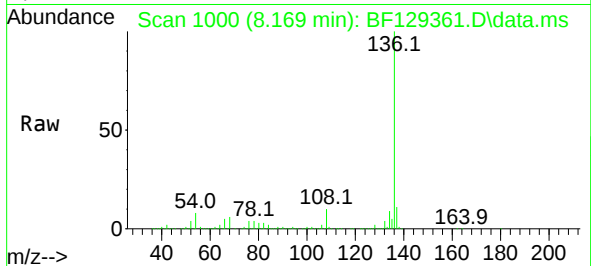
Tgt Ion:107 Resp: 640458
Ion Ratio Lower Upper
107 100
108 87.6 71.8 111.8
77 90.4 59.3 99.3
79 28.6 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

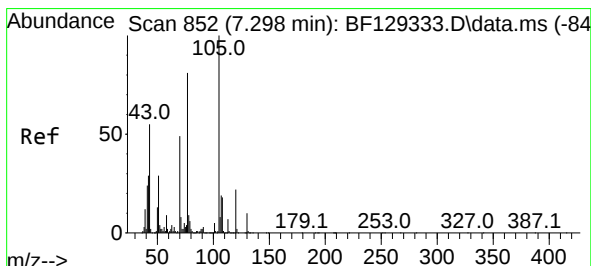
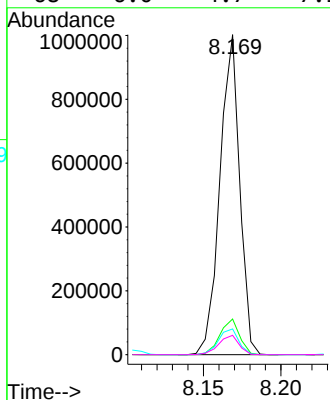
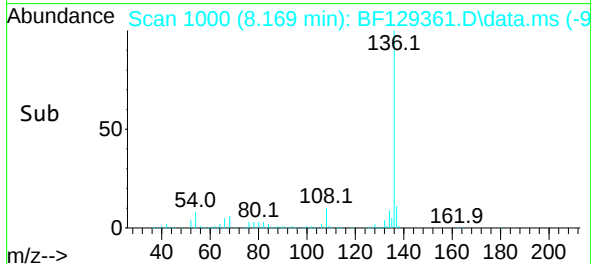
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



Tgt Ion:136 Resp: 888425
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.0 7.5 11.3
68 6.0 4.7 7.1

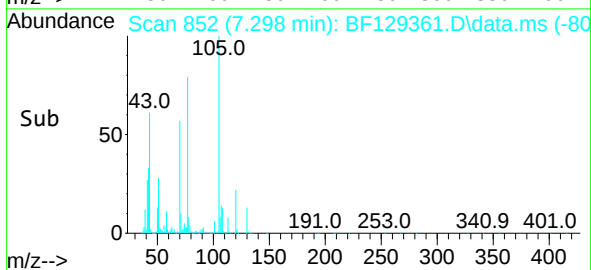
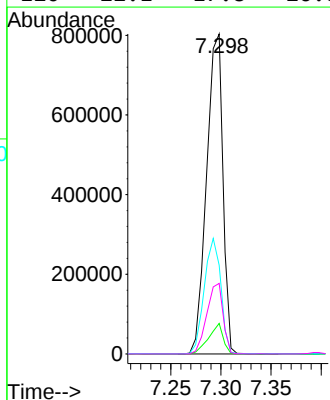
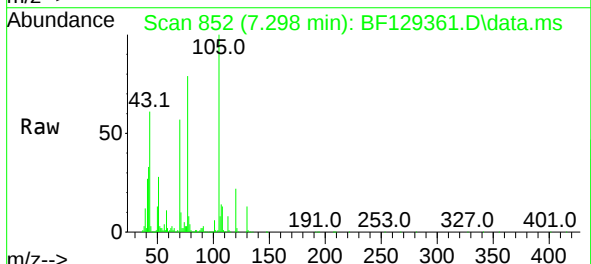
Manual Integrations
APPROVED

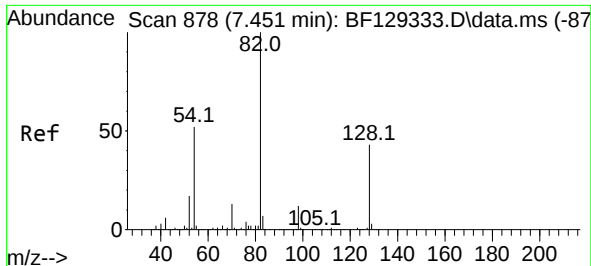
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#22
Acetophenone
Concen: 44.138 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Tgt Ion:105 Resp: 912952
Ion Ratio Lower Upper
105 100
71 9.6 5.0 7.4#
51 27.7 25.0 37.4
120 22.1 17.8 26.8





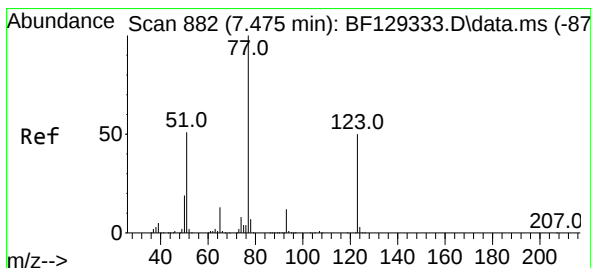
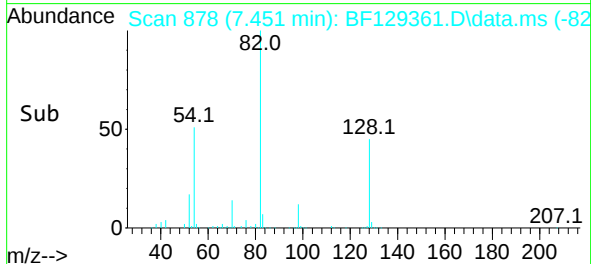
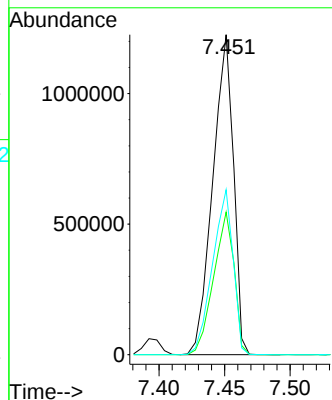
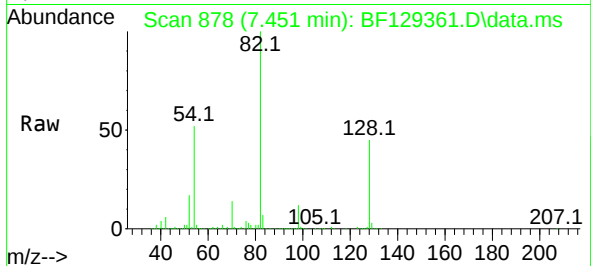
#23
Nitrobenzene-d5
Concen: 82.448 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD

Tgt Ion: 82 Resp: 134183
Ion Ratio Lower Upper
82 100
128 44.6 34.0 51.0
54 51.6 46.9 70.3

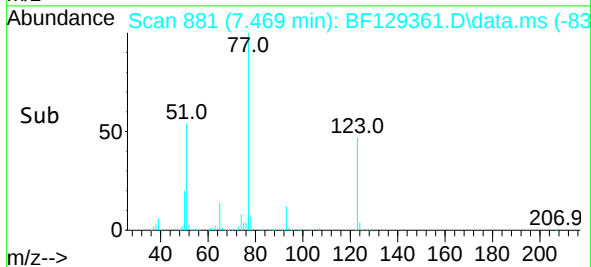
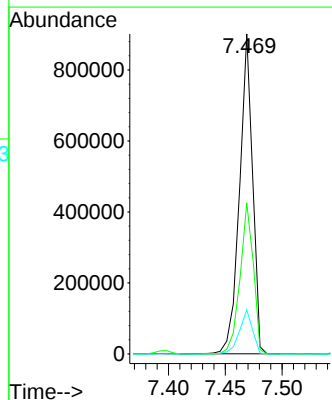
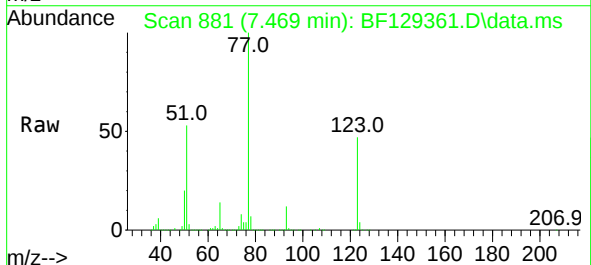
Manual Integrations
APPROVED

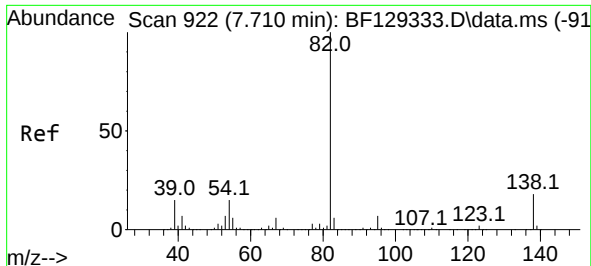
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#24
Nitrobenzene
Concen: 43.021 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Tgt Ion: 77 Resp: 720994
Ion Ratio Lower Upper
77 100
123 47.2 35.4 53.2
65 13.8 11.8 17.8





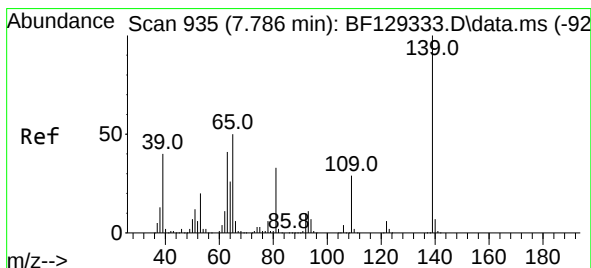
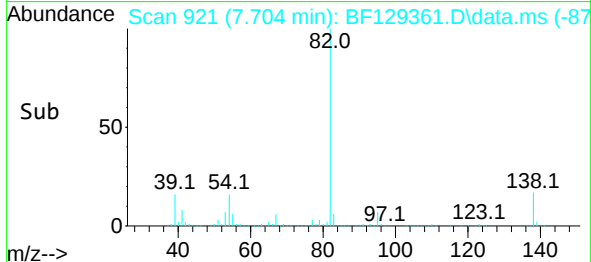
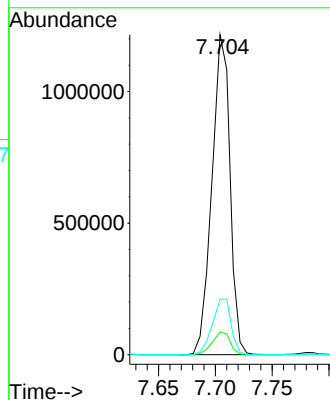
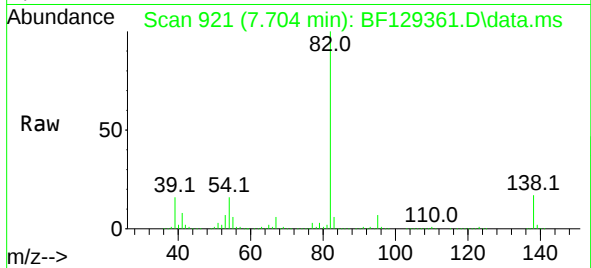
#25
Isophorone
Concen: 46.180 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD

Tgt Ion: 82 Resp: 134721
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 17.4 14.2 21.2

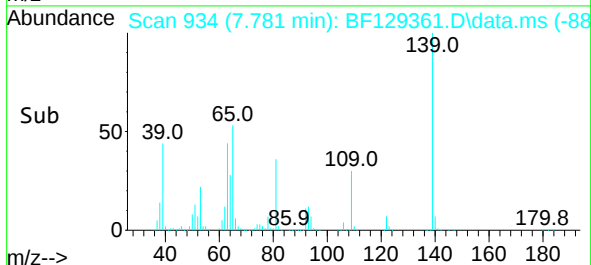
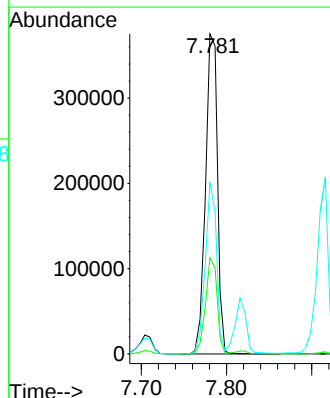
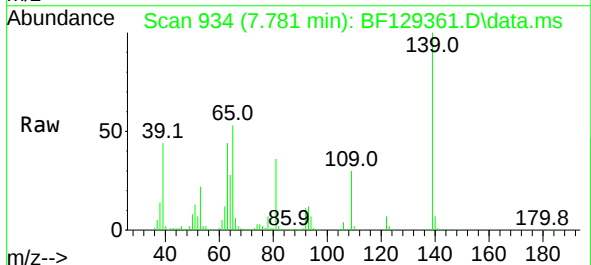
Manual Integrations
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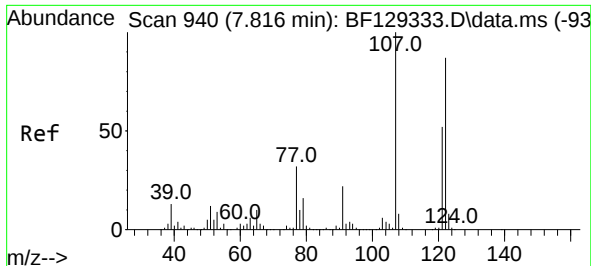
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#26
2-Nitrophenol
Concen: 44.149 ng
RT: 7.781 min Scan# 934
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Tgt Ion:139 Resp: 365015
Ion Ratio Lower Upper
139 100
109 30.1 25.0 37.4
65 53.4 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 50.303 ng m

RT: 7.816 min Scan# 940

Delta R.T. 0.000 min

Lab File: BF129361.D

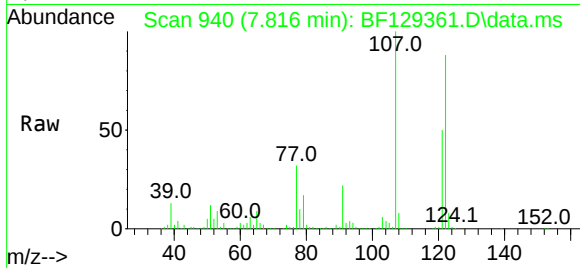
Acq: 26 Jul 2022 18:18

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MSD

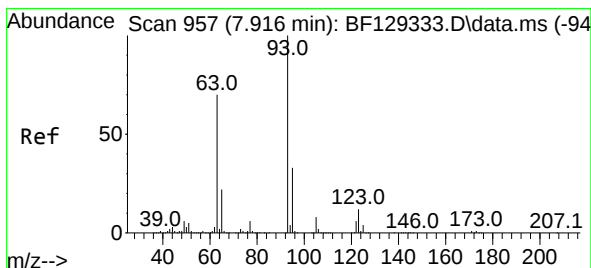
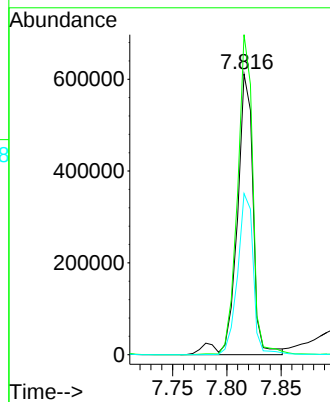
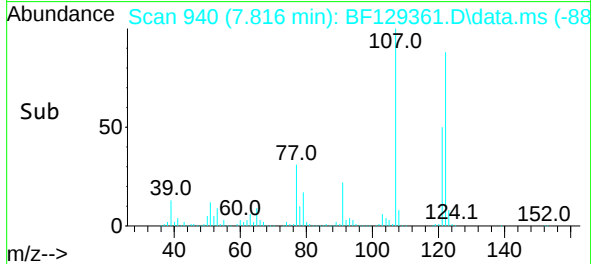


Tgt Ion:	122	Resp:	62384
Ion Ratio	Lower	Upper	
122	100		
107	114.0	93.0	139.6
121	57.4	46.6	70.0

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.663 ng

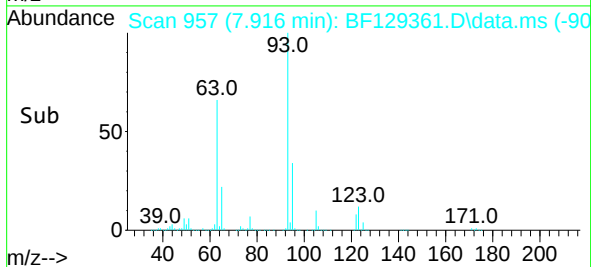
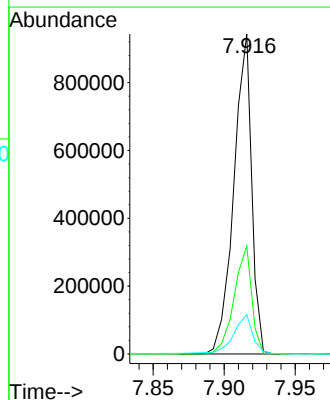
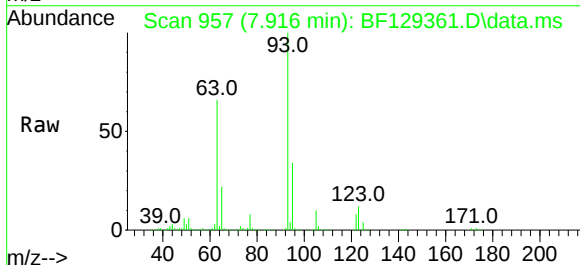
RT: 7.916 min Scan# 957

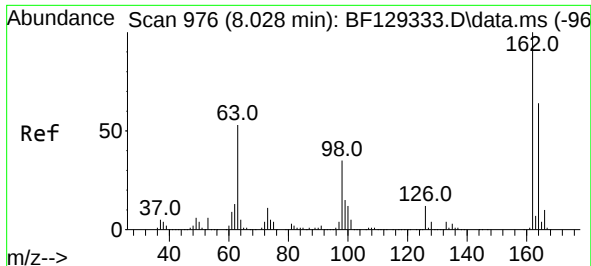
Delta R.T. 0.000 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

Tgt Ion:	93	Resp:	823541
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.8	40.2
123	12.2	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 43.974 ng

RT: 8.022 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129361.D

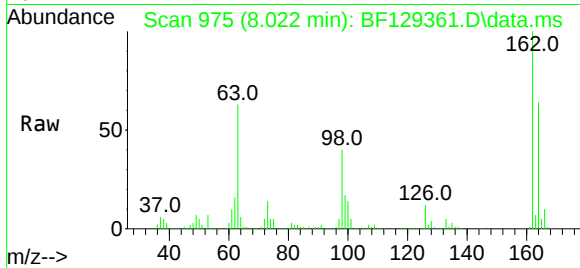
Acq: 26 Jul 2022 18:18

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MSD



Tgt Ion:162 Resp: 562890

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

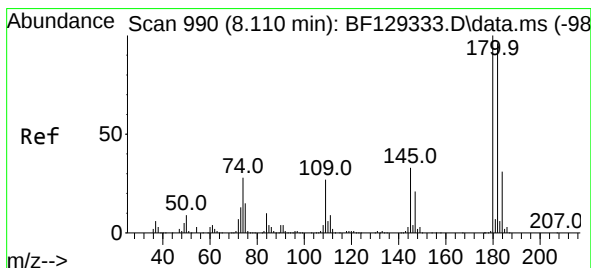
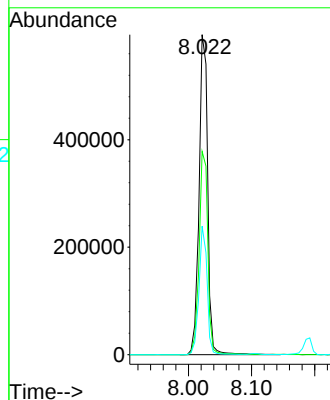
98 40.2 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.451 ng

RT: 8.110 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

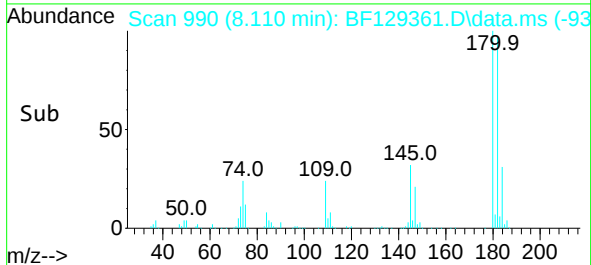
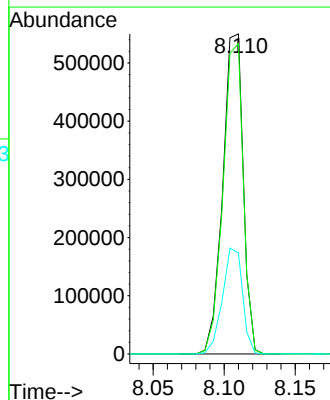
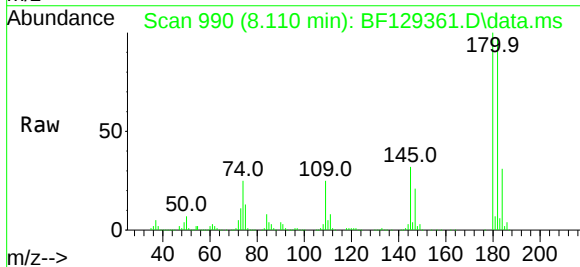
Tgt Ion:180 Resp: 549202

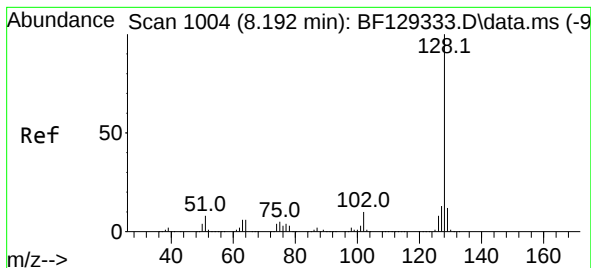
Ion Ratio Lower Upper

180 100

182 97.0 79.2 118.8

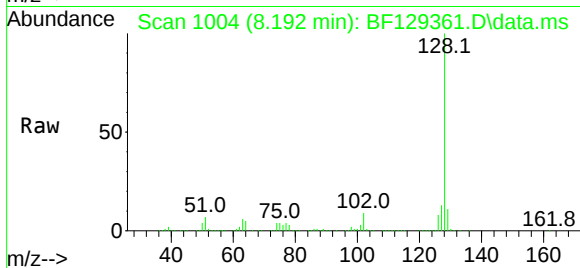
145 31.5 26.2 39.2





#31
Naphthalene
Concen: 42.222 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

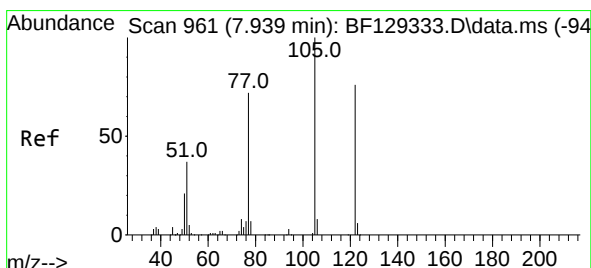
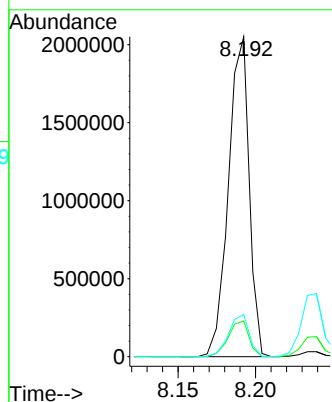
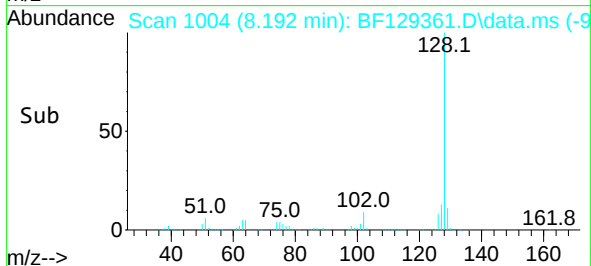
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



Tgt Ion:128 Resp: 1905810
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.2 10.5 15.7

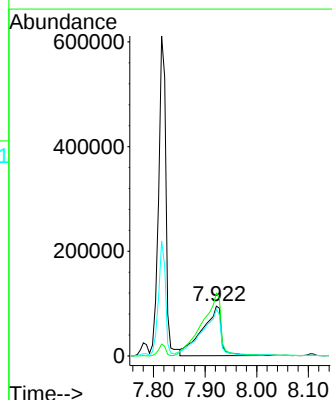
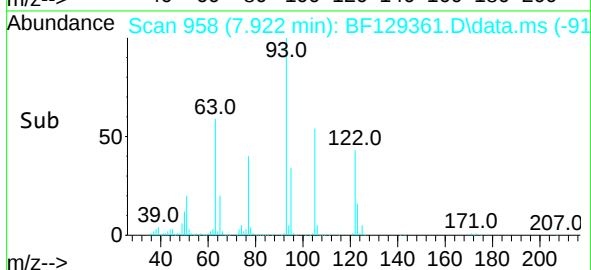
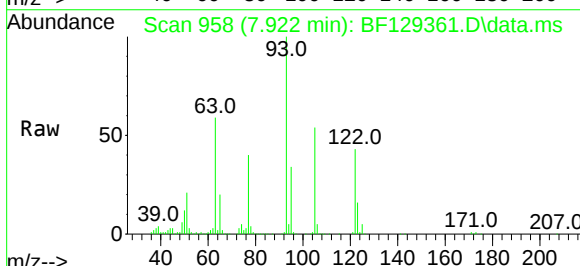
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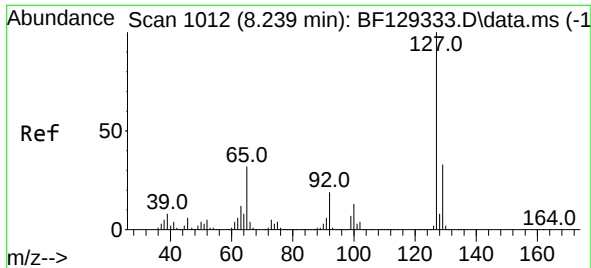
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#32
Benzoic acid
Concen: 27.760 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.018 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Tgt Ion:122 Resp: 248890
Ion Ratio Lower Upper
122 100
105 125.9 107.1 147.1
77 93.9 74.2 114.2





#33
4-Chloroaniline
Concen: 23.600 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

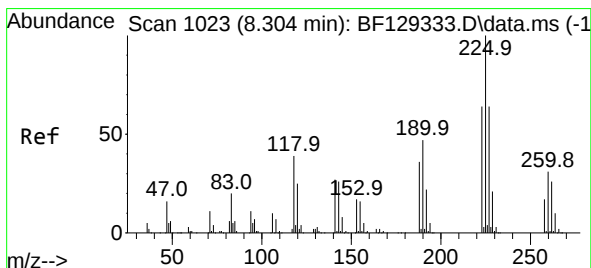
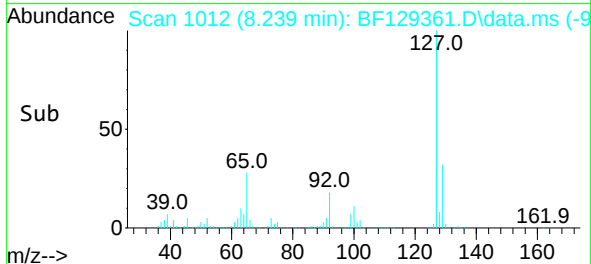
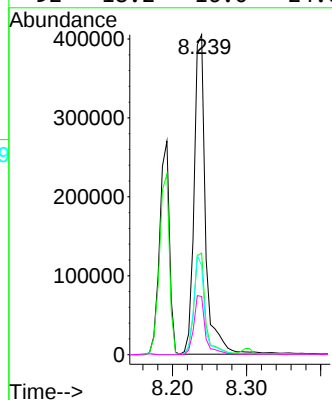
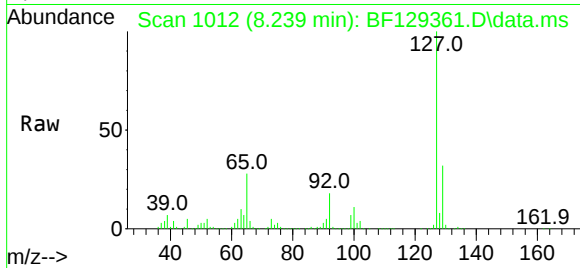
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD

Tgt Ion:127 Resp: 437334

Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.4	39.6
65	27.9	26.4	39.6
92	18.2	16.0	24.0

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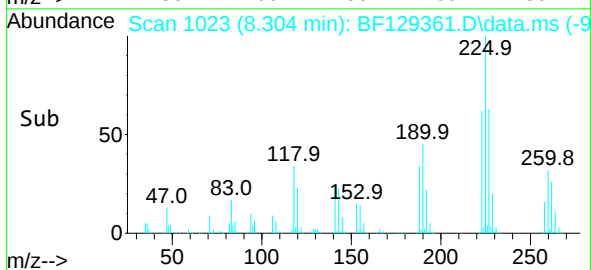
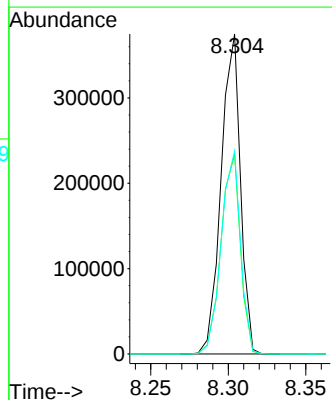
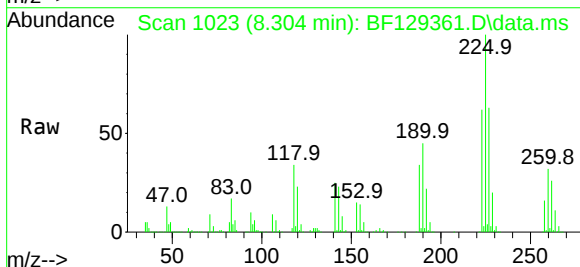
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

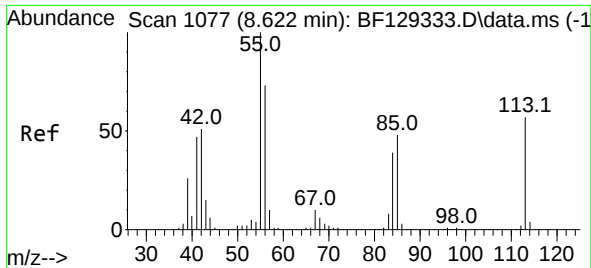


#34
Hexachlorobutadiene
Concen: 43.045 ng
RT: 8.304 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Tgt Ion:225 Resp: 324193

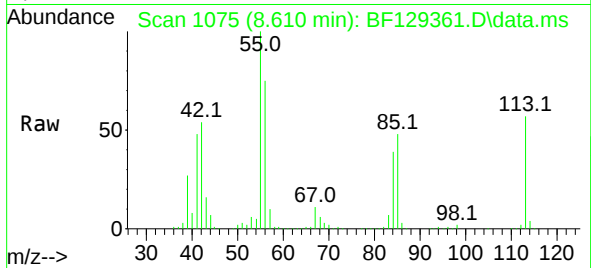
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	63.4	51.1	76.7





#35
 Caprolactam
 Concen: 37.502 ng m
 RT: 8.610 min Scan# 1075
 Delta R.T. -0.012 min
 Lab File: BF129361.D
 Acq: 26 Jul 2022 18:18

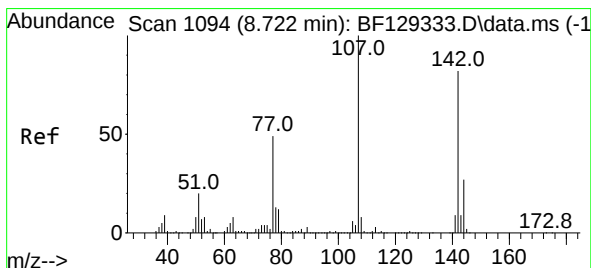
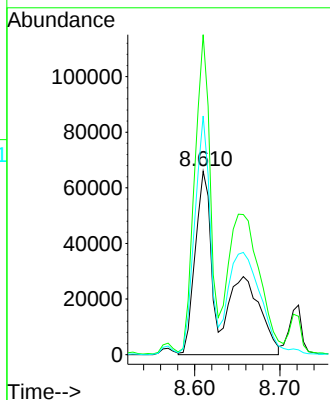
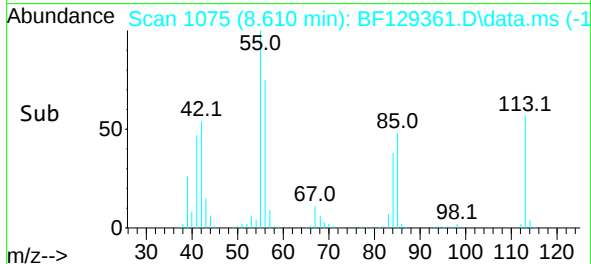
Instrument :
 BNA_F
 ClientSampleId :
 QUEENS4A-WC-20220720MSD



Tgt Ion:113 Resp: 156069
 Ion Ratio Lower Upper
 113 100
 55 174.4 188.5 228.5
 56 130.1 130.6 170.6

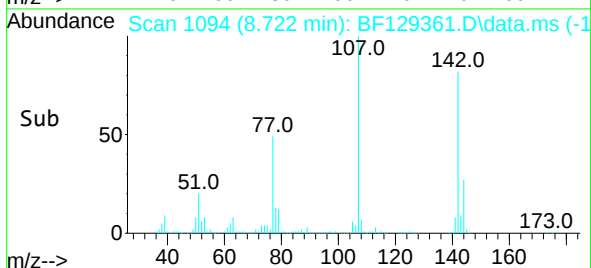
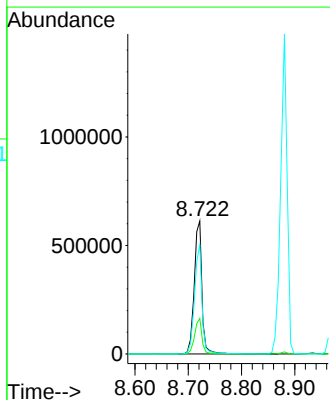
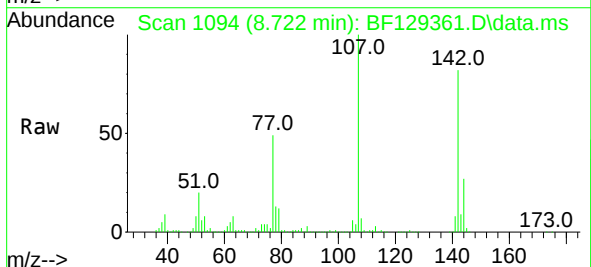
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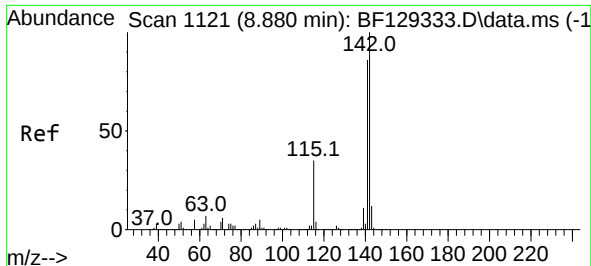
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022



#36
 4-Chloro-3-methylphenol
 Concen: 45.292 ng
 RT: 8.722 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF129361.D
 Acq: 26 Jul 2022 18:18

Tgt Ion:107 Resp: 614905
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.5 29.3
 142 82.0 58.2 87.4





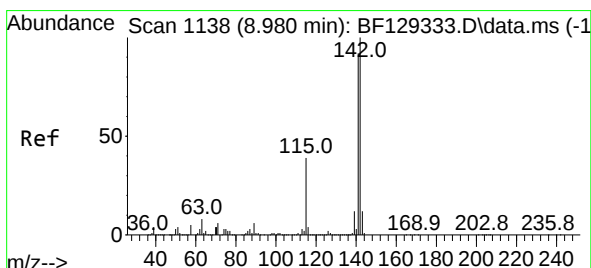
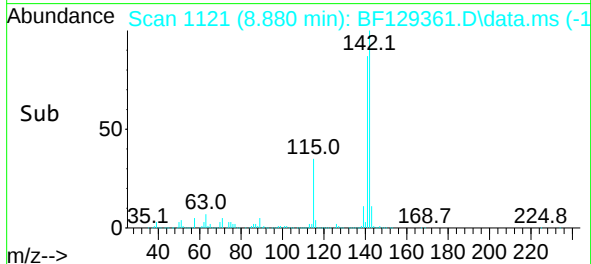
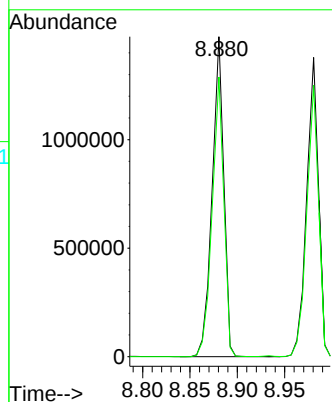
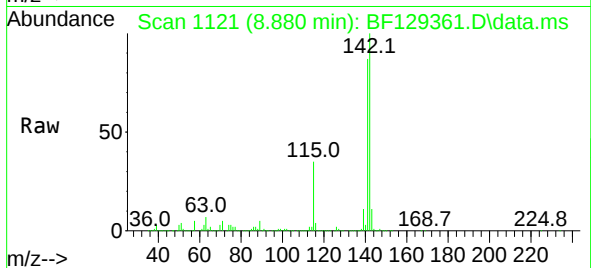
#37
2-Methylnaphthalene
Concen: 42.904 ng
RT: 8.880 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Instrument : BNA_F
ClientSampleId : QUEENS4A-WC-20220720MSD

Tgt Ion:142 Resp: 1258492
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.4

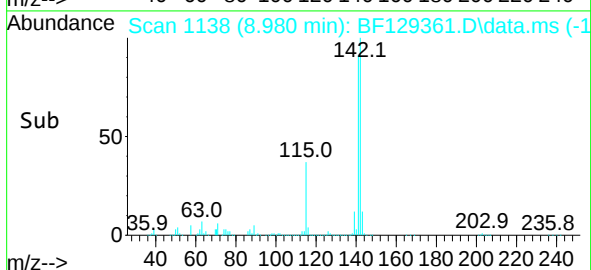
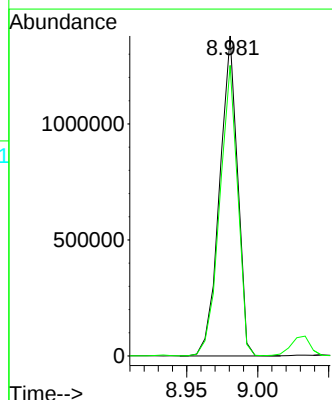
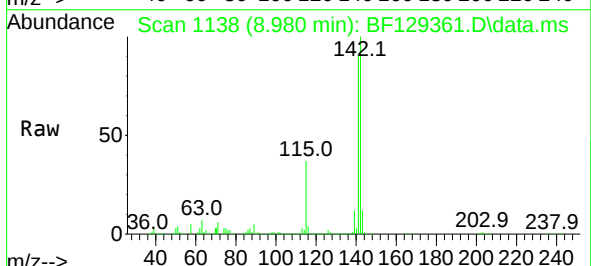
Manual Integrations
APPROVED

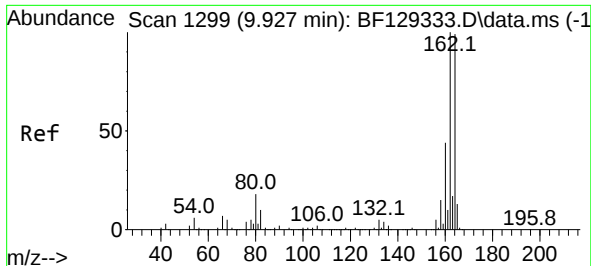
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#38
1-Methylnaphthalene
Concen: 42.724 ng
RT: 8.980 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

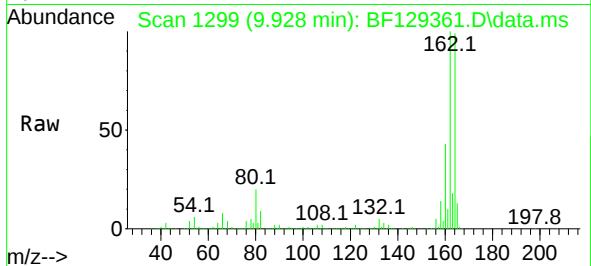
Tgt Ion:142 Resp: 1209785
Ion Ratio Lower Upper
142 100
141 90.8 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

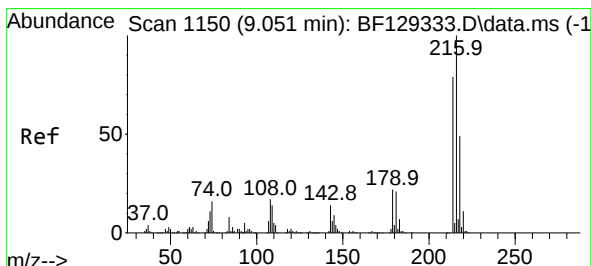
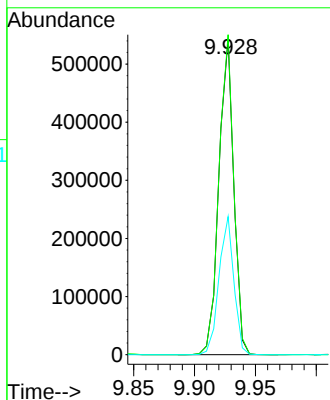
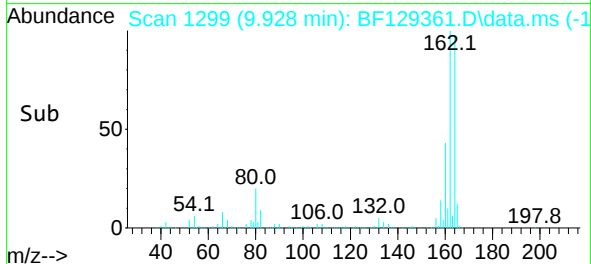
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



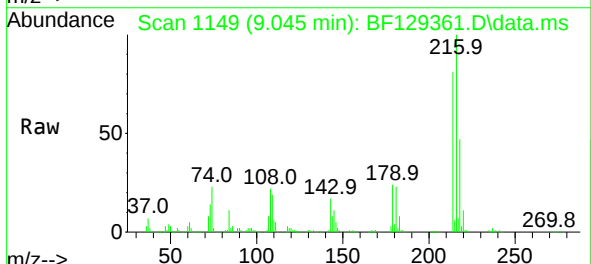
Tgt Ion:164 Resp: 463335
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 43.7 34.2 51.4

Manual Integrations
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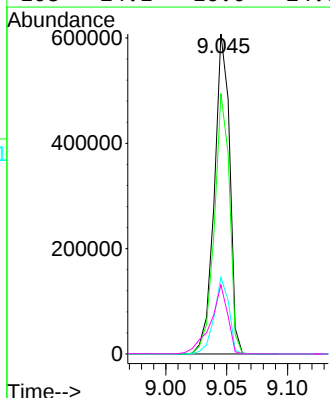
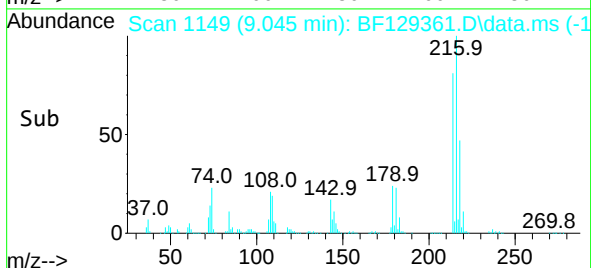
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

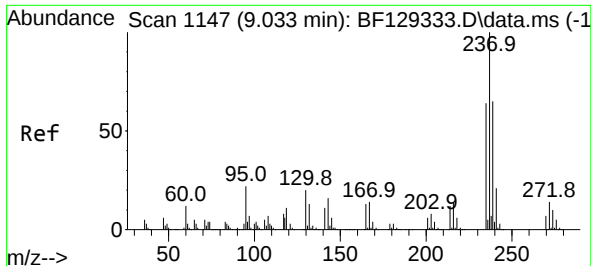


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.771 ng
RT: 9.045 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



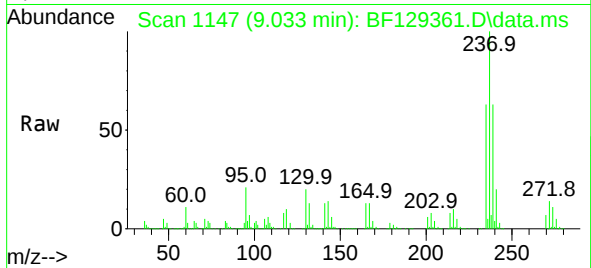
Tgt Ion:216 Resp: 532525
Ion Ratio Lower Upper
216 100
214 80.1 63.6 95.4
179 22.9 17.0 25.6
108 24.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 107.759 ng
RT: 9.033 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

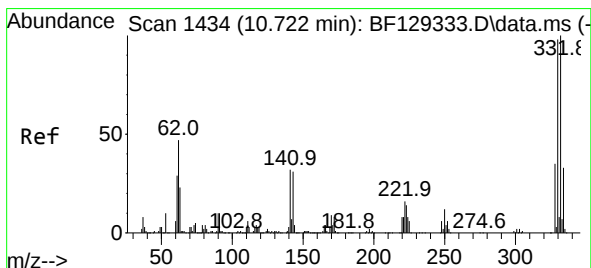
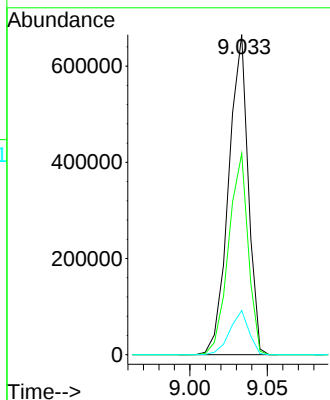
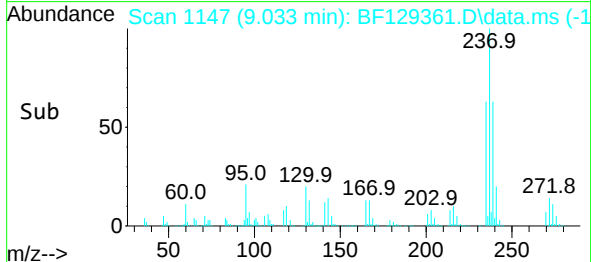
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



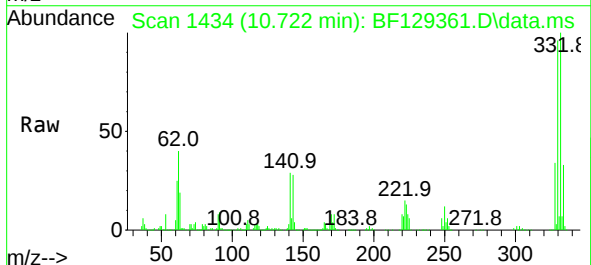
Tgt Ion:237 Resp: 583782
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 13.8 0.0 31.9

Manual Integrations
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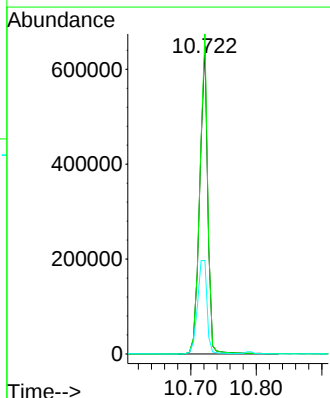
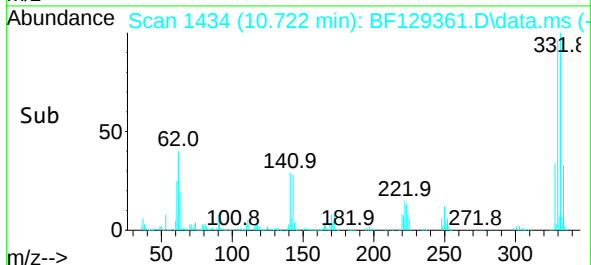
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

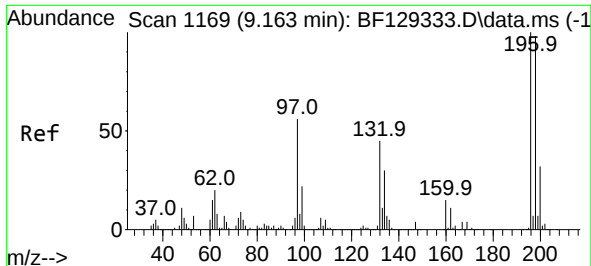


#42
2,4,6-Tribromophenol
Concen: 124.929 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



Tgt Ion:330 Resp: 556512
Ion Ratio Lower Upper
330 100
332 102.4 76.8 115.2
141 36.0 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 43.932 ng

RT: 9.157 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF129361.D

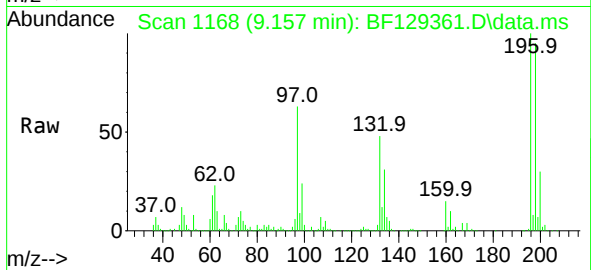
Acq: 26 Jul 2022 18:18

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MSD



Tgt Ion:196 Resp: 38820

Ion Ratio Lower Upper

196 100

198 95.2 74.0 111.0

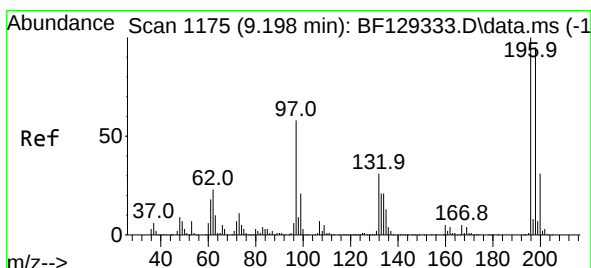
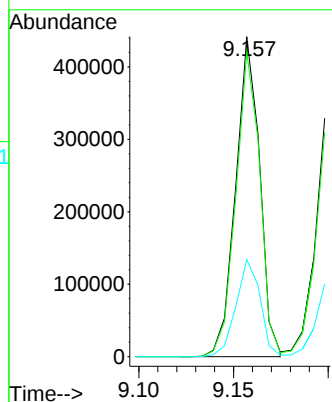
200 30.4 24.1 36.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#44

2,4,5-Trichlorophenol

Concen: 44.120 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

Tgt Ion:196 Resp: 423971

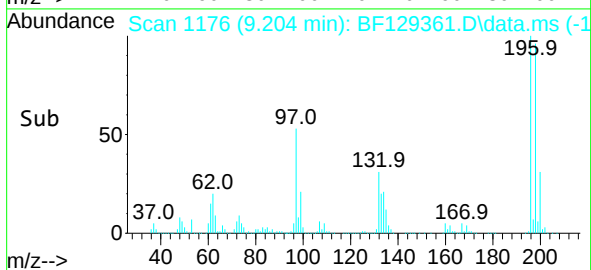
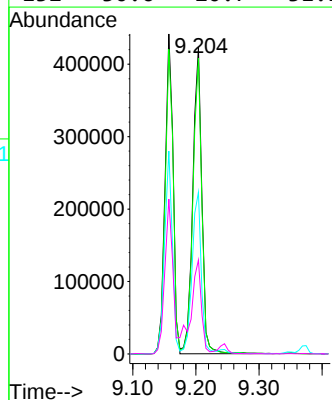
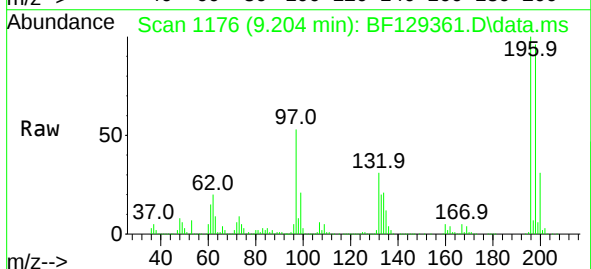
Ion Ratio Lower Upper

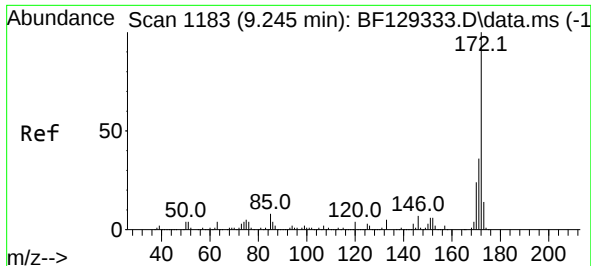
196 100

198 96.3 75.7 113.5

97 52.7 36.4 54.6

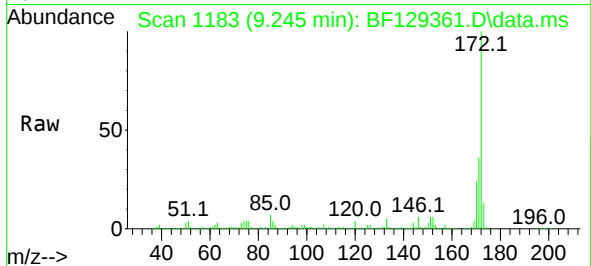
132 30.6 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 74.805 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

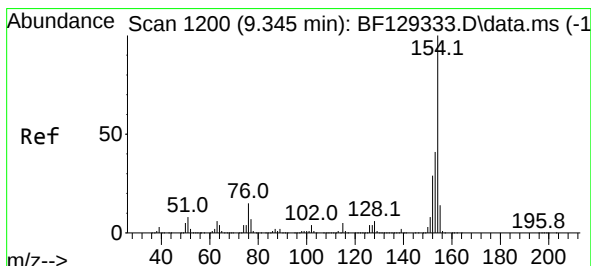
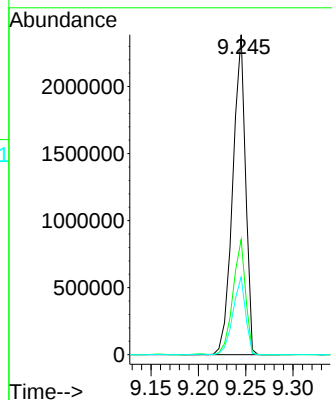
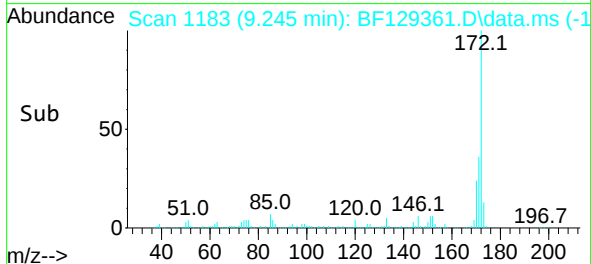
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



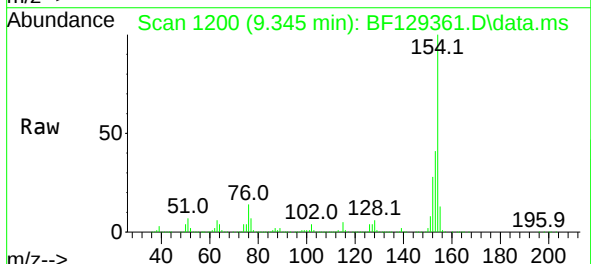
Tgt Ion:172 Resp: 2240538
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.3 19.8 29.8

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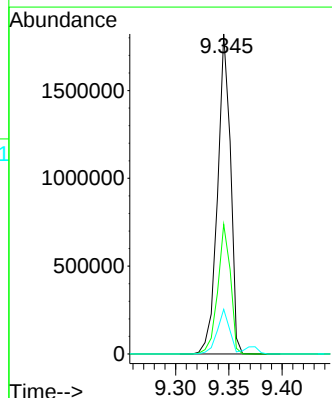
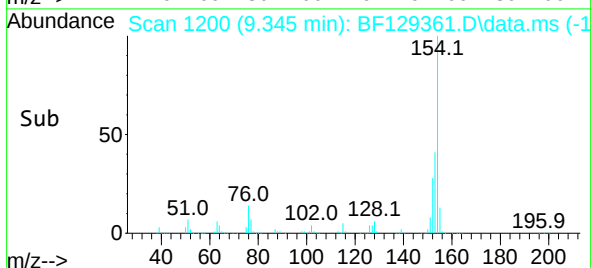
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

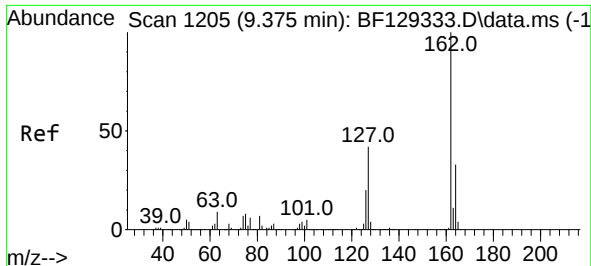


#46
1,1'-Biphenyl
Concen: 45.136 ng
RT: 9.345 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



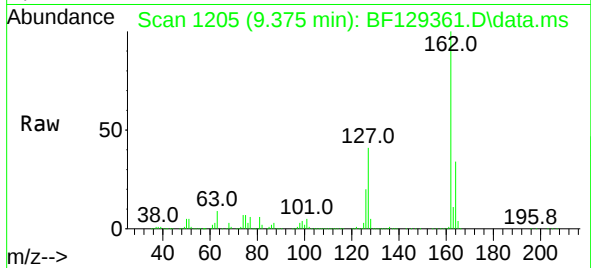
Tgt Ion:154 Resp: 1526242
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 14.0 0.0 33.3





#47
2-Chloronaphthalene
Concen: 43.614 ng
RT: 9.375 min Scan# 119221
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

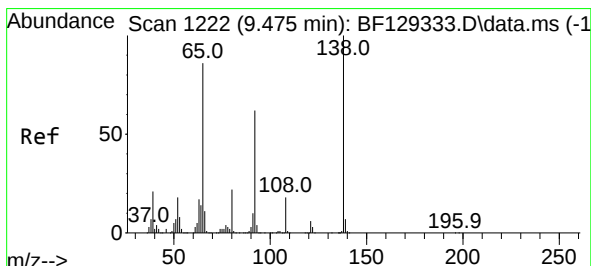
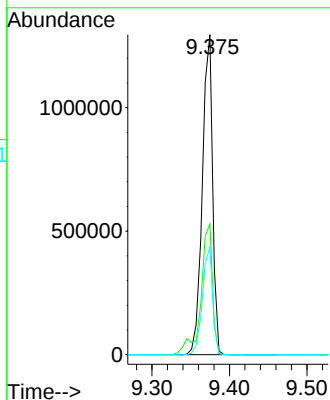
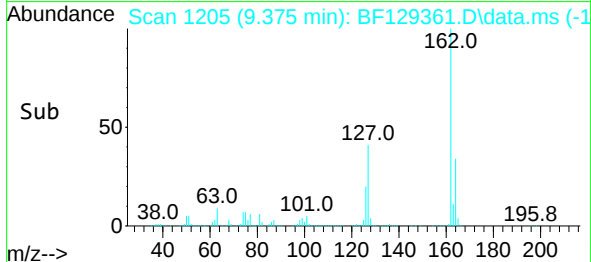
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



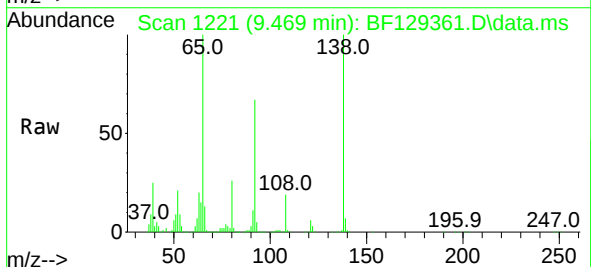
Tgt Ion:162 Resp: 119221
Ion Ratio Lower Upper
162 100
127 40.9 34.5 51.7
164 33.6 26.5 39.7

Manual Integrations
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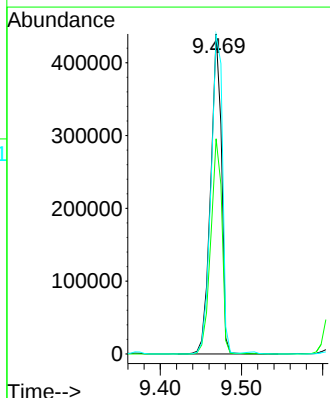
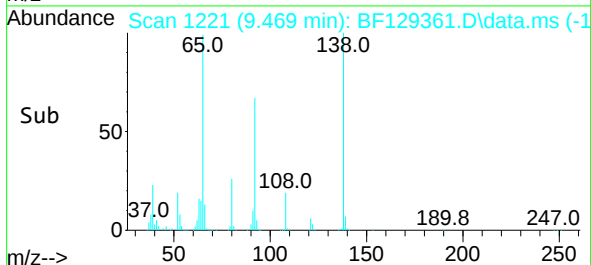
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

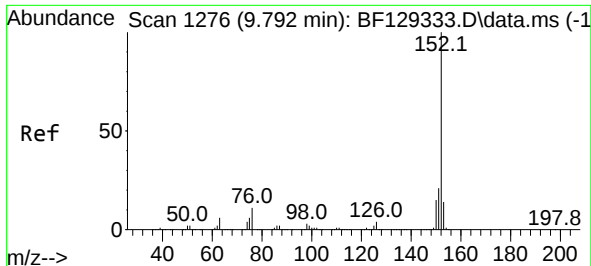


#48
2-Nitroaniline
Concen: 44.730 ng
RT: 9.469 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



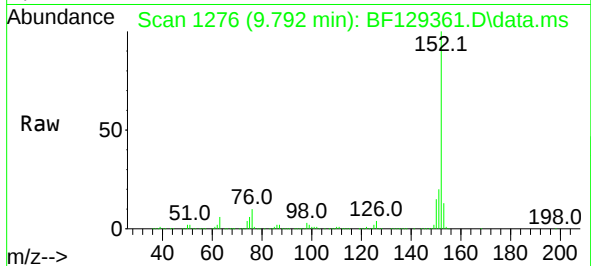
Tgt Ion: 65 Resp: 406581
Ion Ratio Lower Upper
65 100
92 67.3 51.9 77.9
138 99.6 76.4 114.6





#49
Acenaphthylene
Concen: 43.874 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

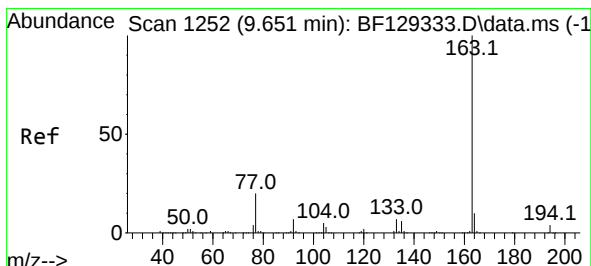
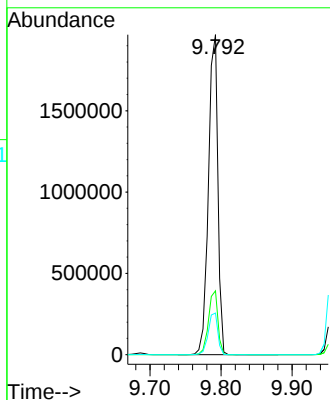
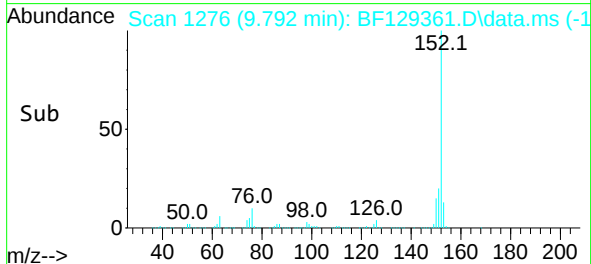
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



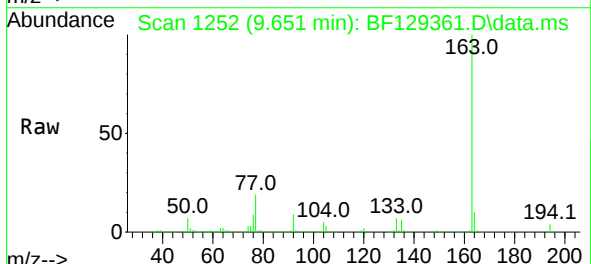
Tgt Ion:152 Resp: 1822334
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.0 10.7 16.1

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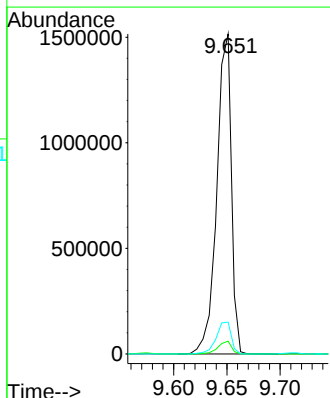
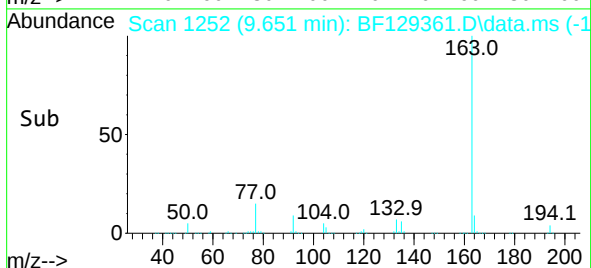
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

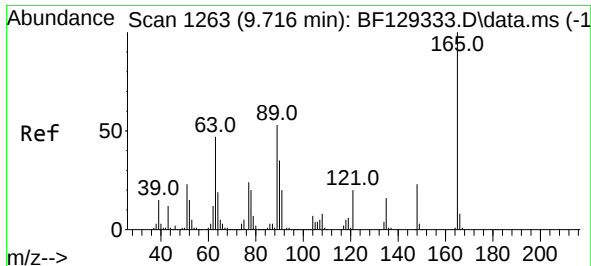


#50
Dimethylphthalate
Concen: 44.844 ng
RT: 9.651 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



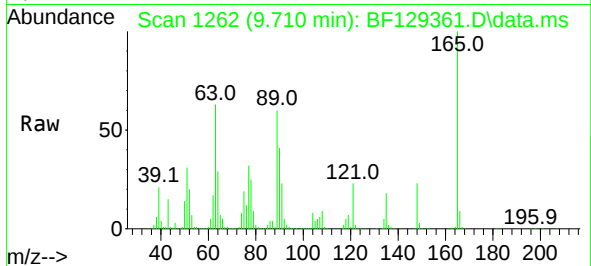
Tgt Ion:163 Resp: 1434344
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.809 ng
RT: 9.710 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

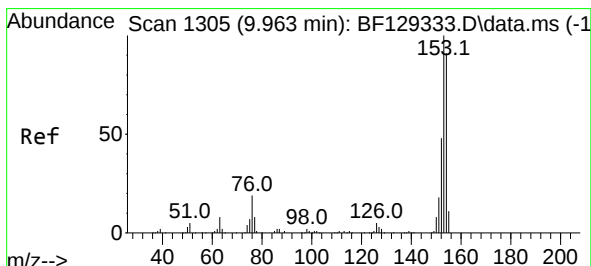
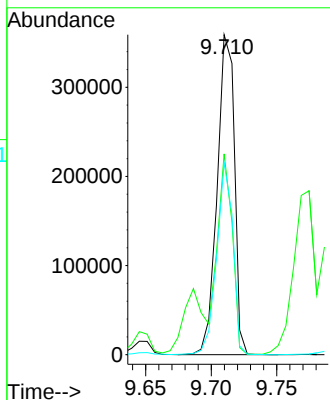
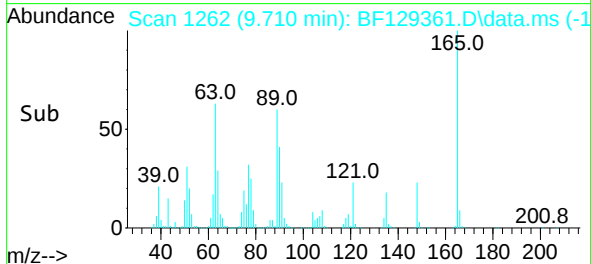
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



Tgt Ion:165 Resp: 327948
Ion Ratio Lower Upper
165 100
63 62.7 44.9 67.3
89 60.1 43.6 65.4

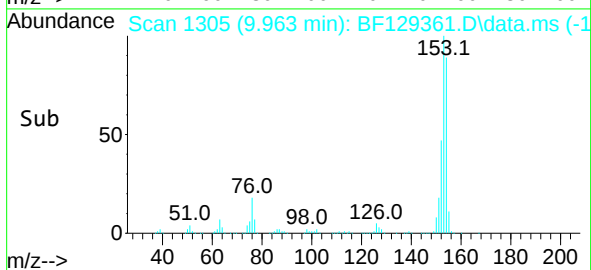
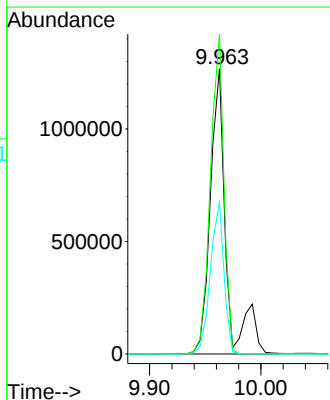
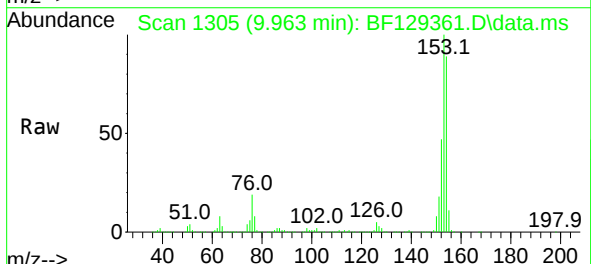
Manual Integrations
APPROVED

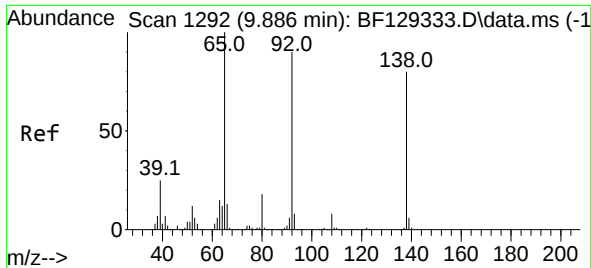
Reviewed By :Christian Giraldo 07/27/2022
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#52
Acenaphthene
Concen: 46.626 ng m
RT: 9.963 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

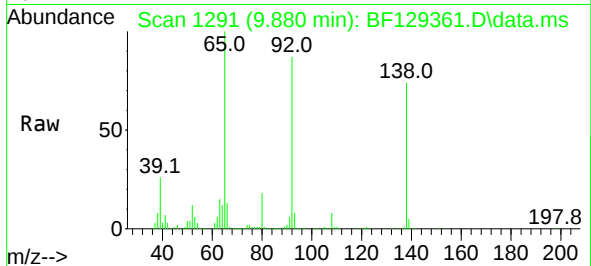
Tgt Ion:154 Resp: 1264921
Ion Ratio Lower Upper
154 100
153 112.2 89.6 134.4
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 32.227 ng
RT: 9.880 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

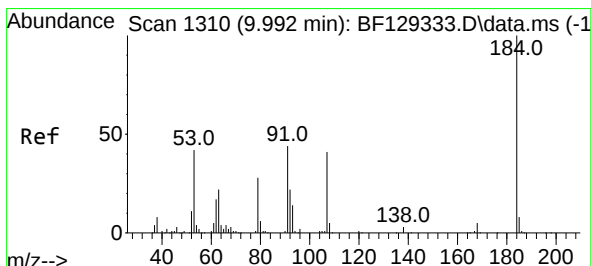
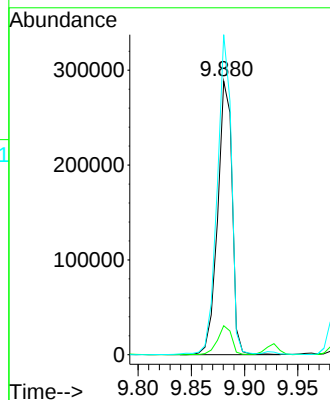
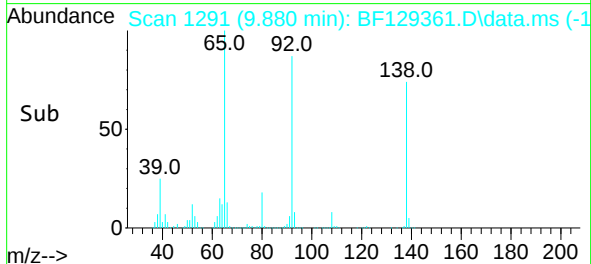
Instrument : BNA_F
ClientSampleId : QUEENS4A-WC-20220720MSD



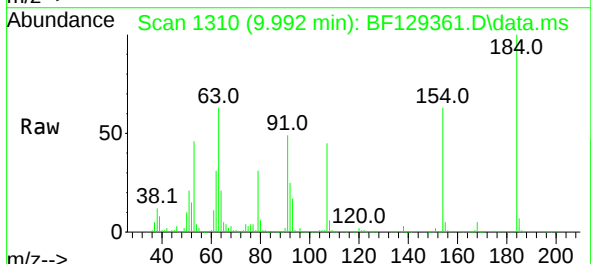
Tgt Ion:138 Resp: 27243
Ion Ratio Lower Upper
138 100
108 10.6 10.9 16.3
92 117.0 98.2 147.2

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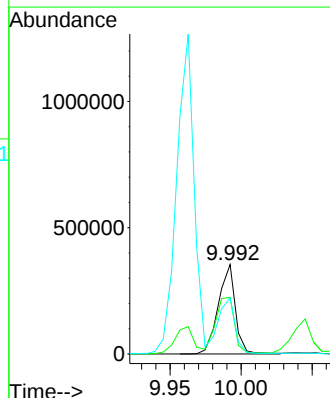
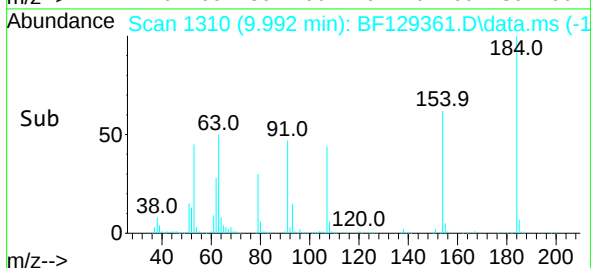
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

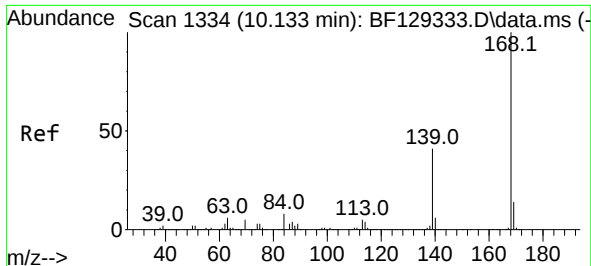


#54
2,4-Dinitrophenol
Concen: 80.928 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



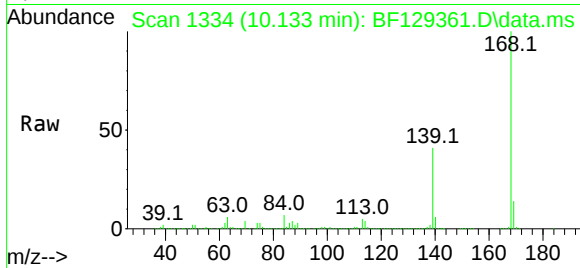
Tgt Ion:184 Resp: 295763
Ion Ratio Lower Upper
184 100
63 63.3 64.5 96.7
154 62.5 50.6 75.8





#55
Dibenzofuran
Concen: 43.788 ng
RT: 10.133 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

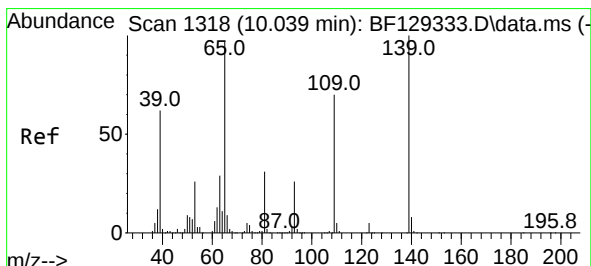
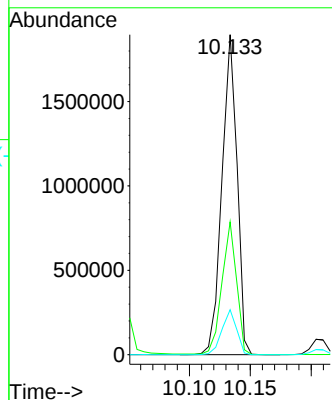
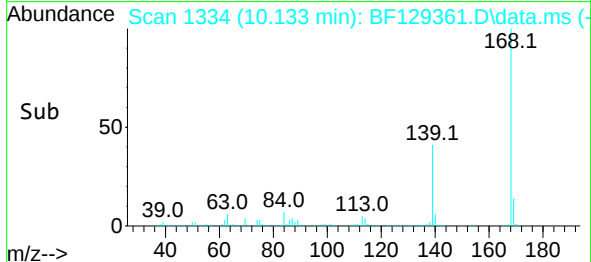
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



Tgt Ion:168 Resp: 1637574
Ion Ratio Lower Upper
168 100
139 41.5 30.6 46.0
169 14.0 11.0 16.6

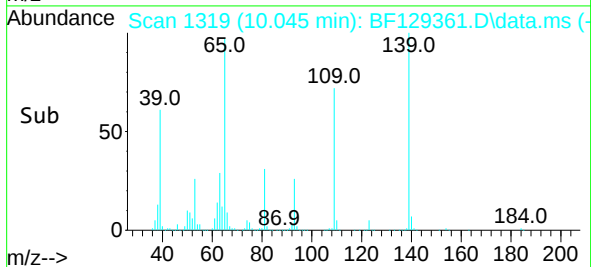
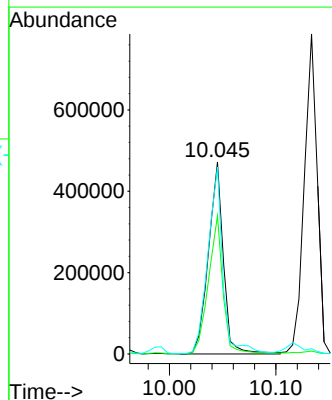
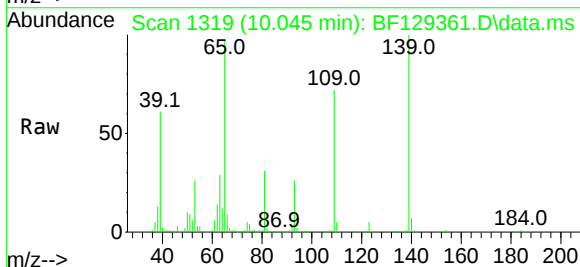
Manual Integrations
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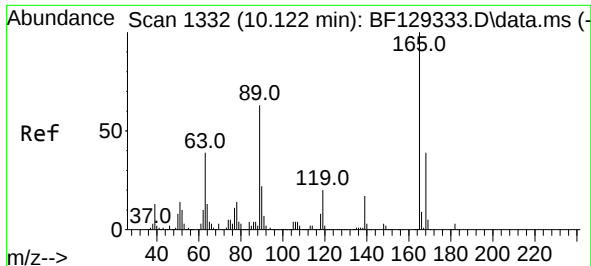
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#56
4-Nitrophenol
Concen: 74.126 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

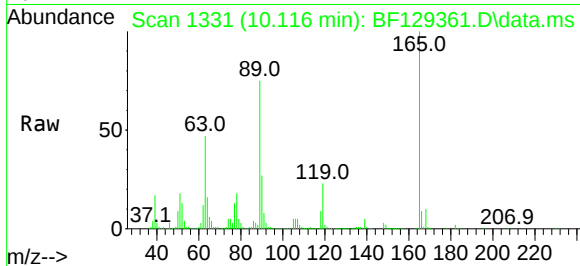
Tgt Ion:139 Resp: 462300
Ion Ratio Lower Upper
139 100
109 72.0 50.7 90.7
65 97.4 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 46.313 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

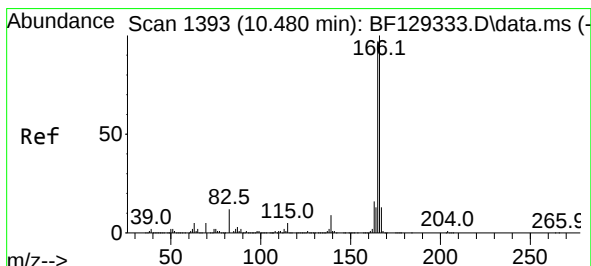
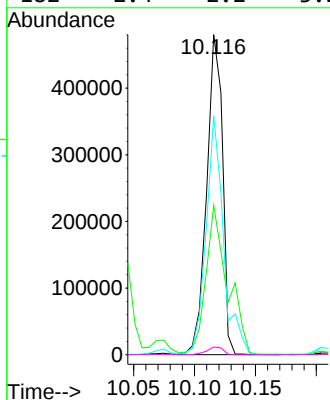
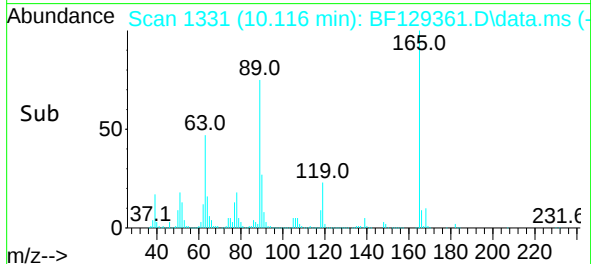
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



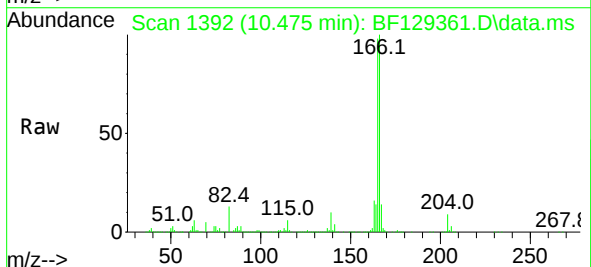
Tgt Ion:165 Resp: 433130
Ion Ratio Lower Upper
165 100
63 46.7 39.8 59.6
89 74.7 60.2 90.2
182 2.4 2.2 3.2

Manual Integrations
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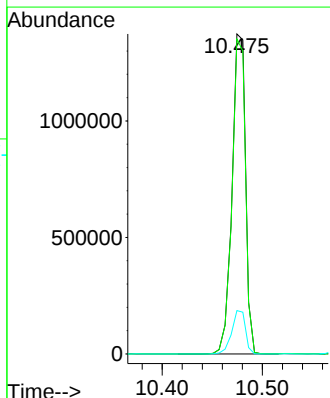
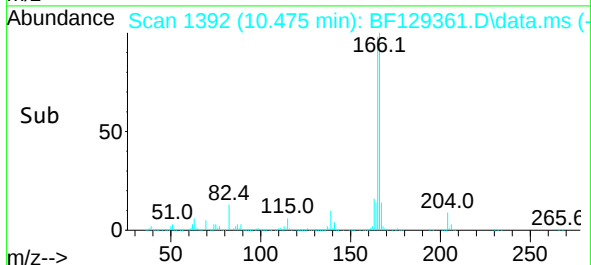
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

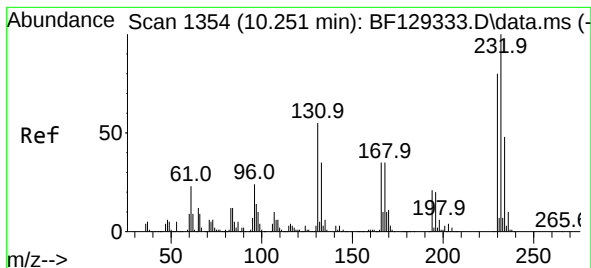


#58
Fluorene
Concen: 43.056 ng
RT: 10.475 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



Tgt Ion:166 Resp: 1288372
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 13.5 10.5 15.7





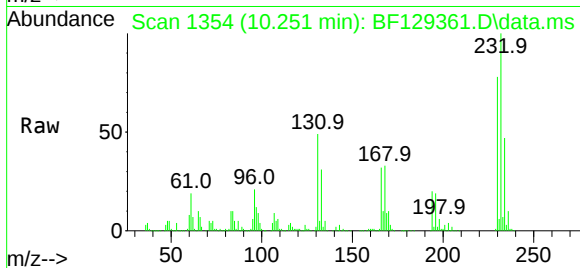
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.593 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MSD

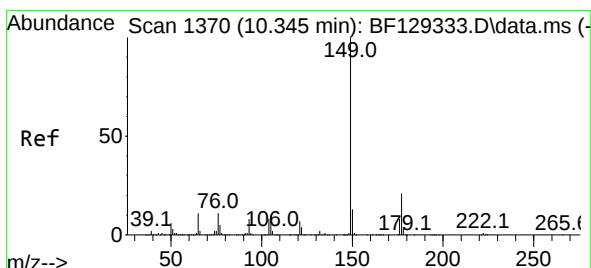
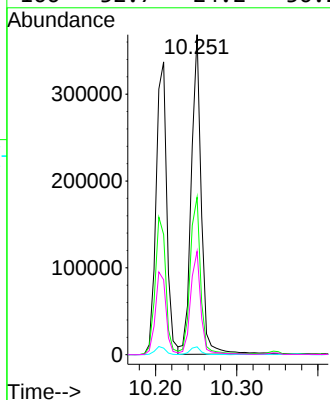
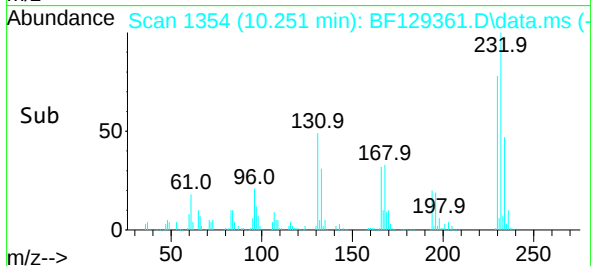


Tgt Ion:232 Resp: 316290
Ion Ratio Lower Upper
232 100
131 50.5 36.1 54.1
130 2.7 1.8 2.8
166 32.7 24.2 36.2

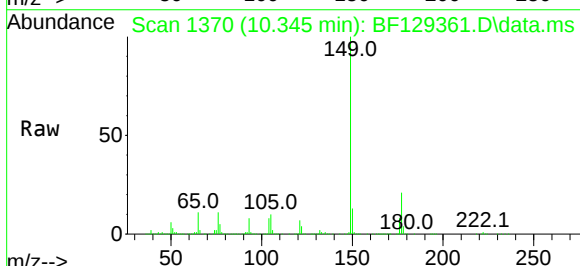
Manual Integrations

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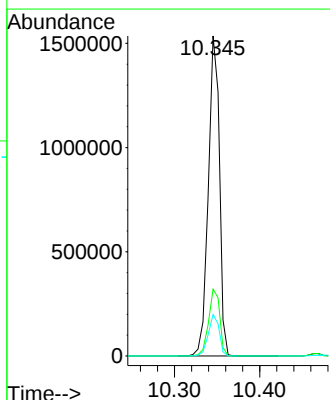
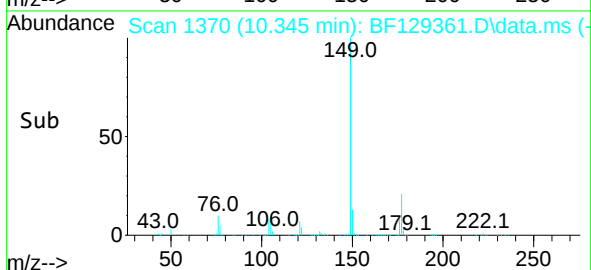
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

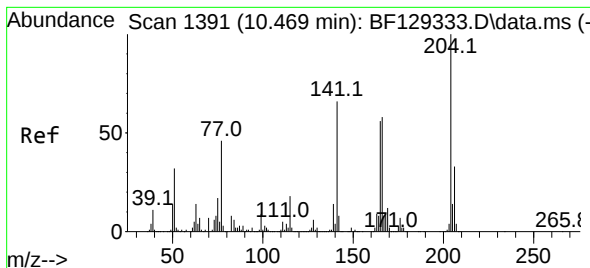


#60
Diethylphthalate
Concen: 44.952 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



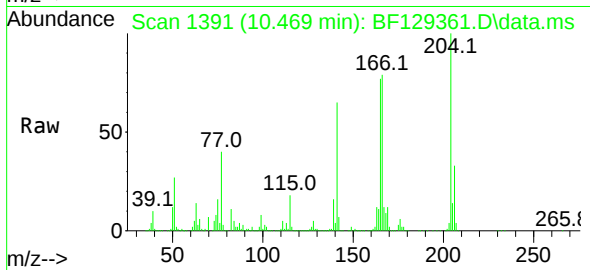
Tgt Ion:149 Resp: 1389926
Ion Ratio Lower Upper
149 100
177 20.9 17.3 25.9
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.170 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

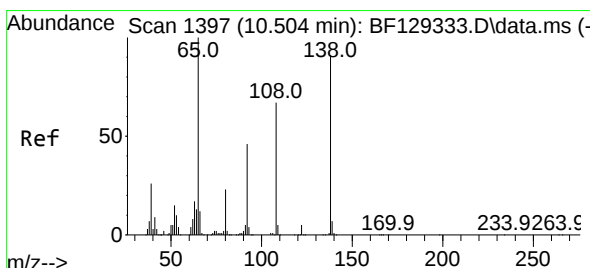
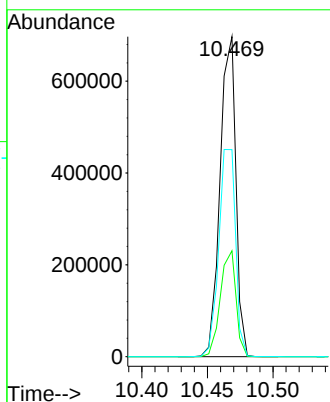
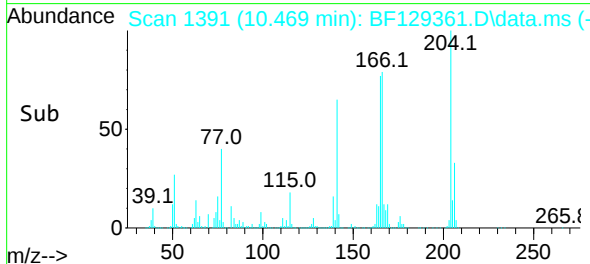
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



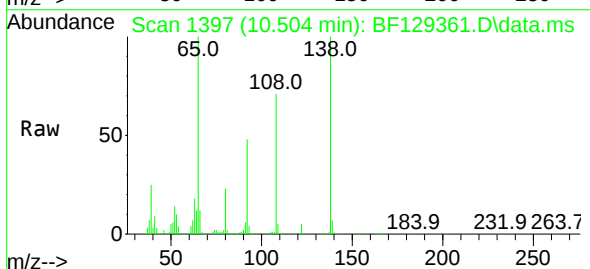
Tgt Ion:204 Resp: 58268
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 64.7 47.0 70.4

Manual Integrations
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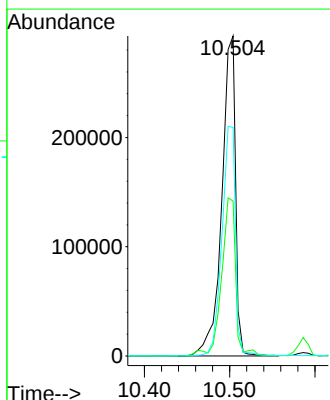
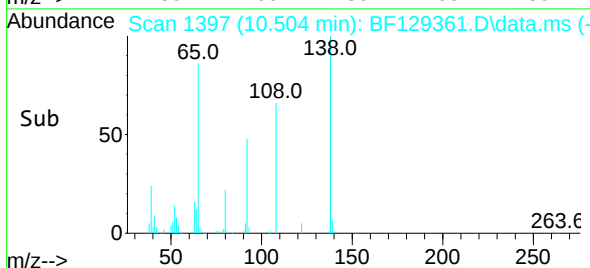
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

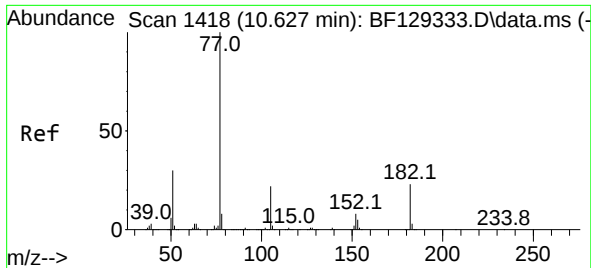


#62
4-Nitroaniline
Concen: 39.148 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



Tgt Ion:138 Resp: 328303
Ion Ratio Lower Upper
138 100
92 48.4 33.5 73.5
108 71.4 61.0 101.0





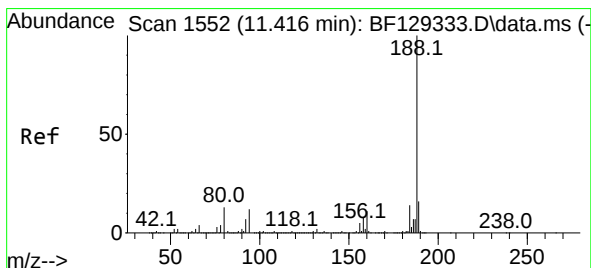
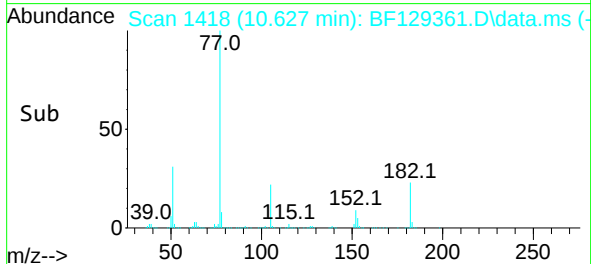
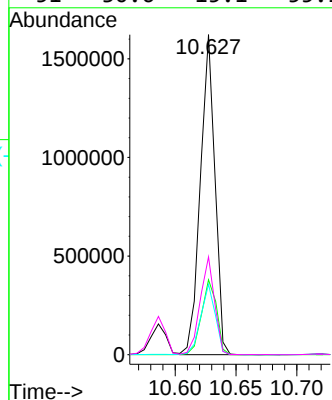
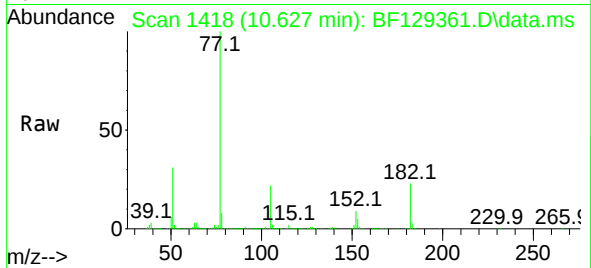
#63
Azobenzene
Concen: 42.861 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD

Tgt Ion: 77 Resp: 135172
Ion Ratio Lower Upper
77 100
182 23.4 5.6 45.6
105 22.0 1.6 41.6
51 30.6 15.1 55.1

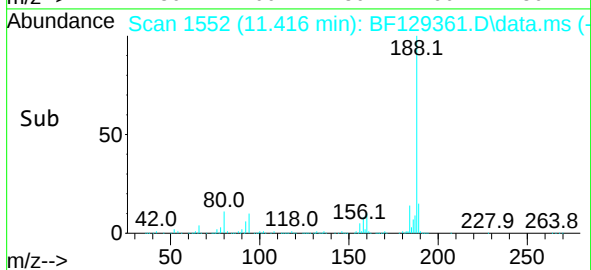
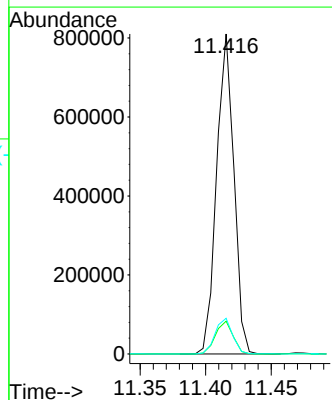
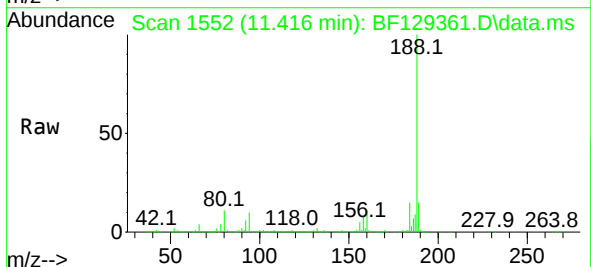
Manual Integrations
APPROVED

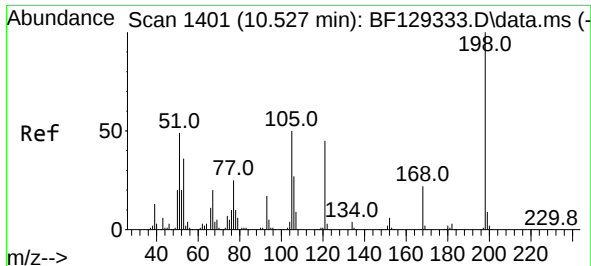
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

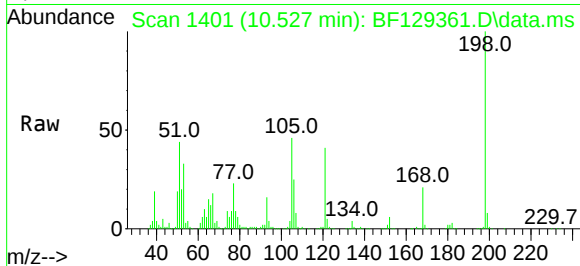
Tgt Ion:188 Resp: 741526
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.2 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 43.487 ng
RT: 10.527 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

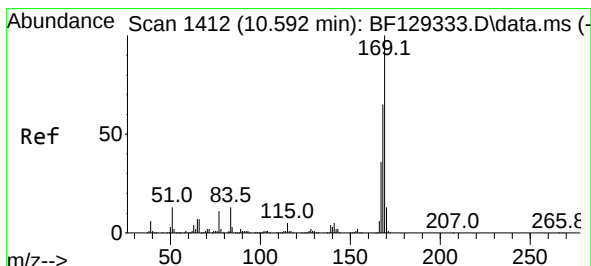
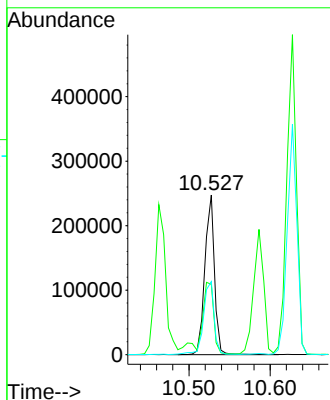
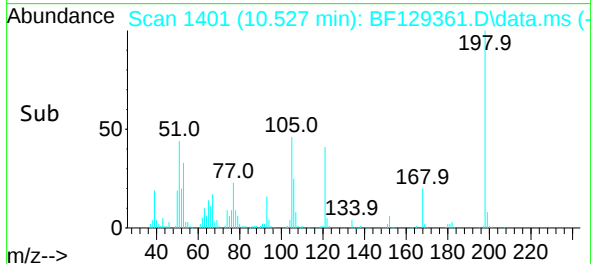
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



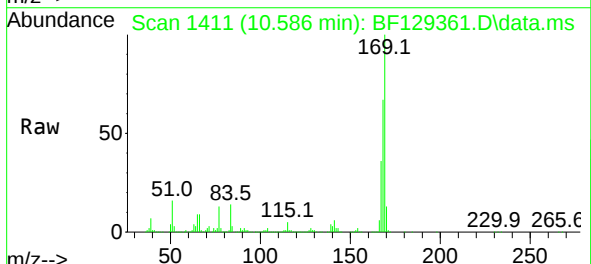
Tgt Ion:198 Resp: 20353
Ion Ratio Lower Upper
198 100
51 44.1 37.6 77.6
105 45.8 27.0 67.0

Manual Integrations
APPROVED

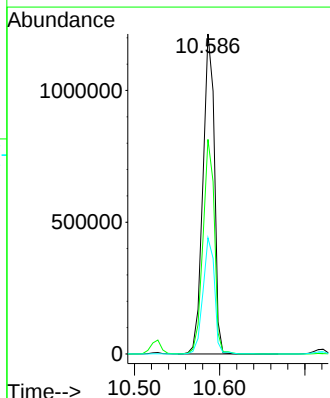
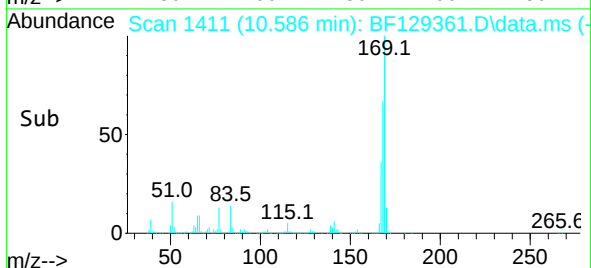
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

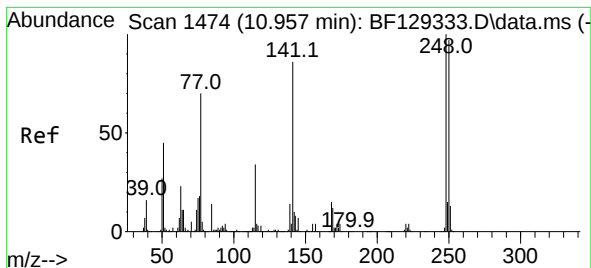


#66
n-Nitrosodiphenylamine
Concen: 45.854 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



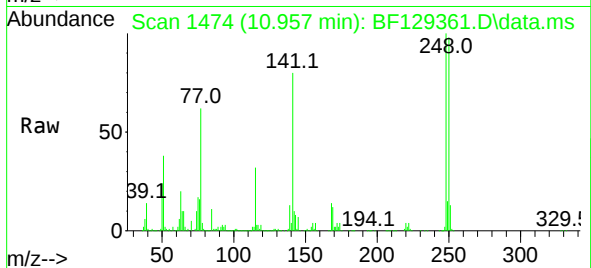
Tgt Ion:169 Resp: 1132353
Ion Ratio Lower Upper
169 100
168 67.1 50.1 75.1
167 36.3 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 47.233 ng
RT: 10.957 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

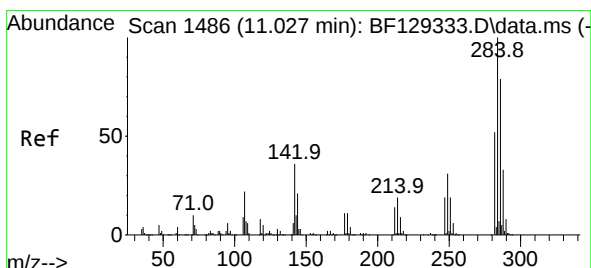
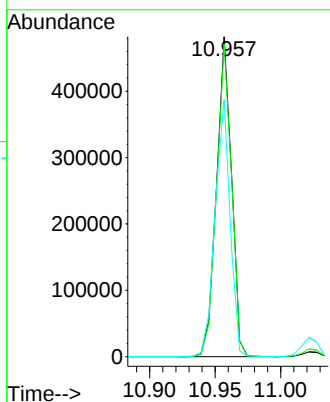
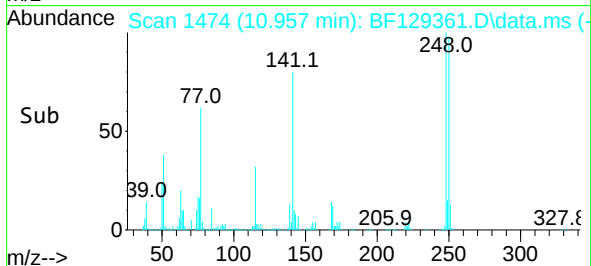
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



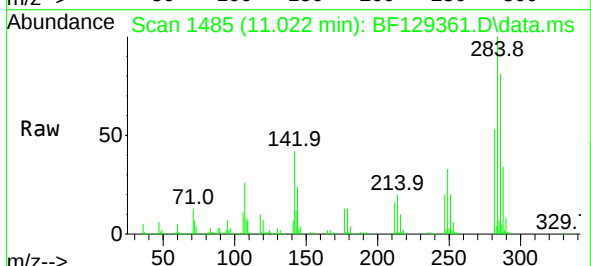
Tgt Ion:248 Resp: 383520
Ion Ratio Lower Upper
248 100
250 97.7 80.6 120.8
141 80.4 58.9 88.3

Manual Integrations
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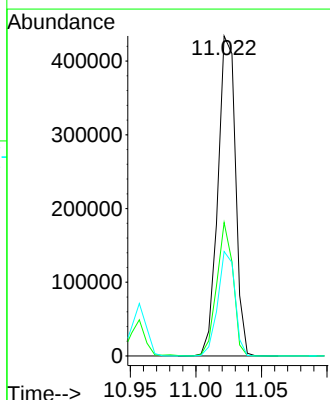
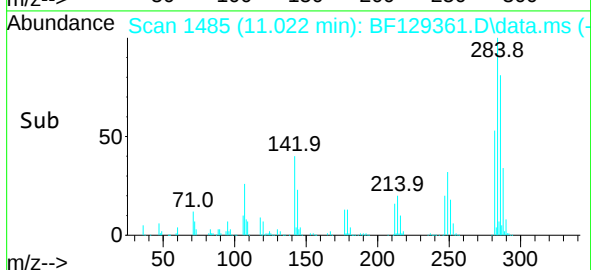
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

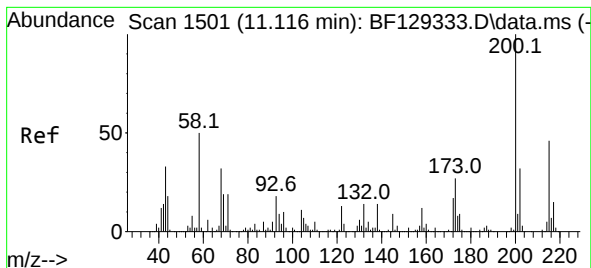


#68
Hexachlorobenzene
Concen: 45.958 ng
RT: 11.022 min Scan# 1485
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



Tgt Ion:284 Resp: 404345
Ion Ratio Lower Upper
284 100
142 41.7 29.0 43.4
249 32.6 25.0 37.6





#69

Atrazine

Concen: 23.329 ng

RT: 11.110 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MSD

Tgt Ion:200 Resp: 174989

Ion Ratio Lower Upper

200 100

173 26.6 6.3 46.3

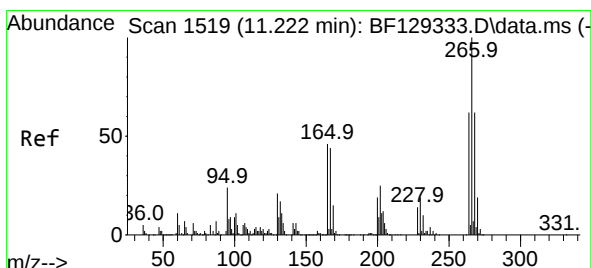
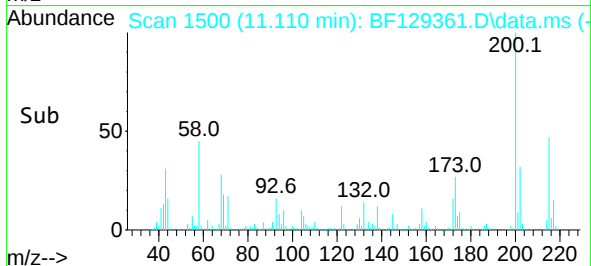
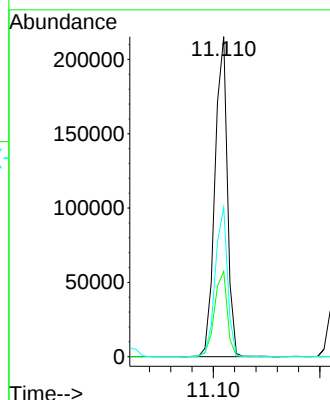
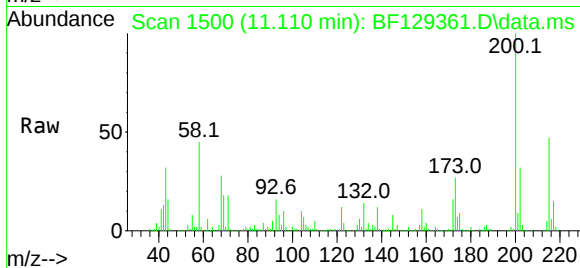
215 46.7 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#70

Pentachlorophenol

Concen: 85.550 ng

RT: 11.222 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

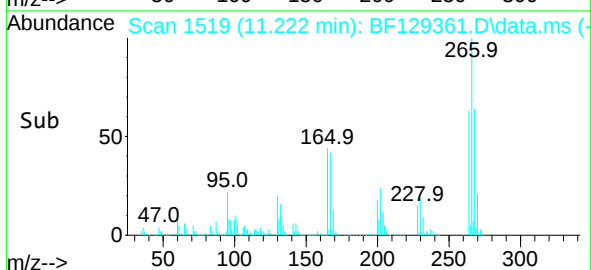
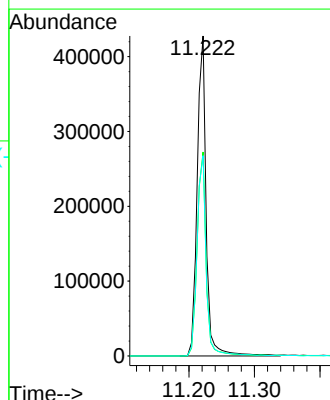
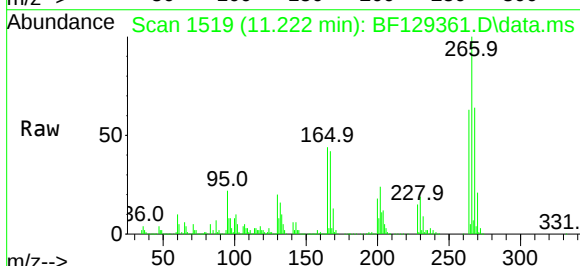
Tgt Ion:266 Resp: 409182

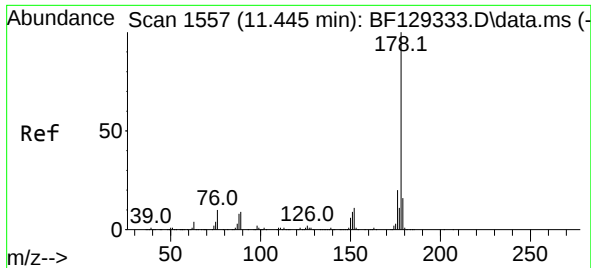
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.4

264 62.6 49.4 74.2





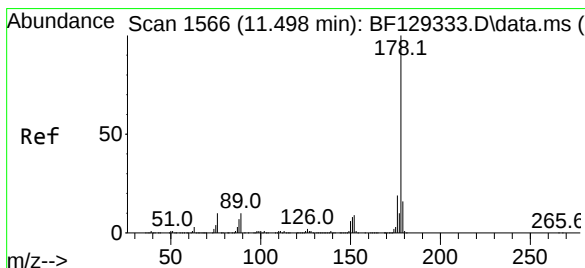
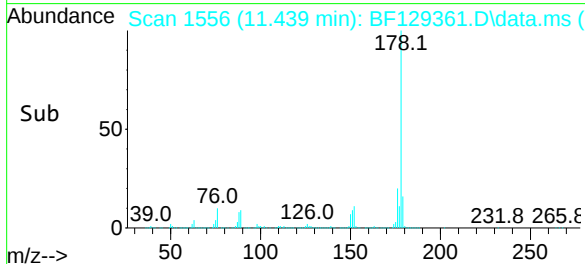
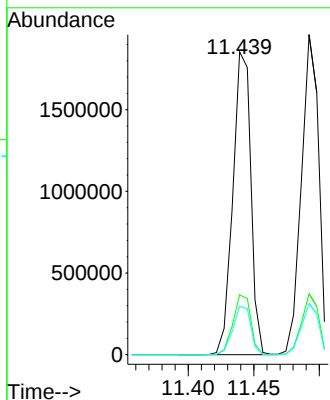
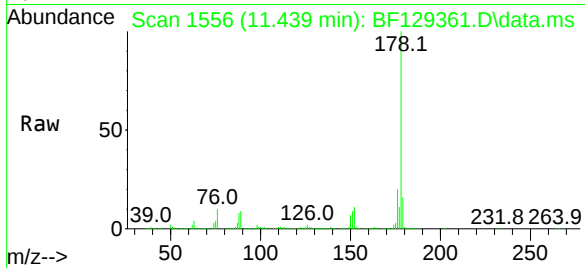
#71
Phenanthrene
Concen: 43.750 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD

Tgt Ion:178 Resp: 1770902
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.0 12.6 19.0

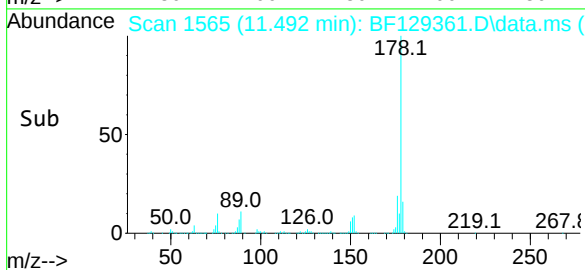
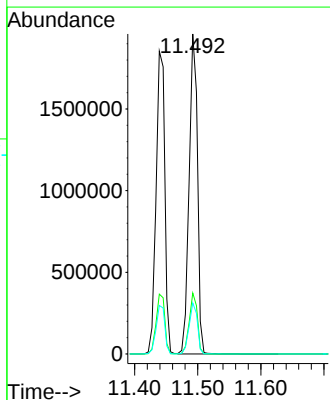
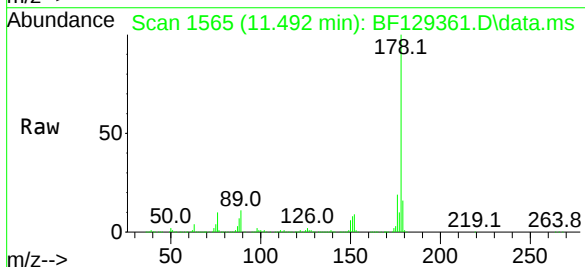
Manual Integrations
APPROVED

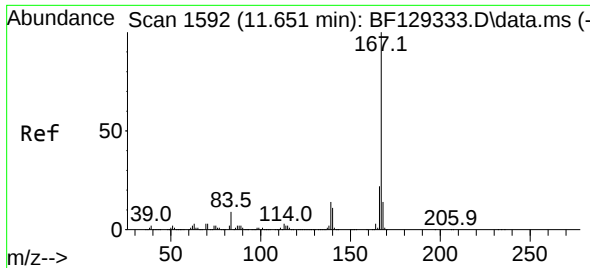
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#72
Anthracene
Concen: 45.272 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

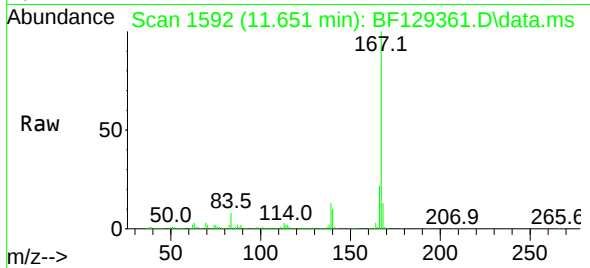
Tgt Ion:178 Resp: 1800835
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.9 12.6 19.0





#73
 Carbazole
 Concen: 43.166 ng
 RT: 11.651 min Scan# 1592
 Delta R.T. 0.000 min
 Lab File: BF129361.D
 Acq: 26 Jul 2022 18:18

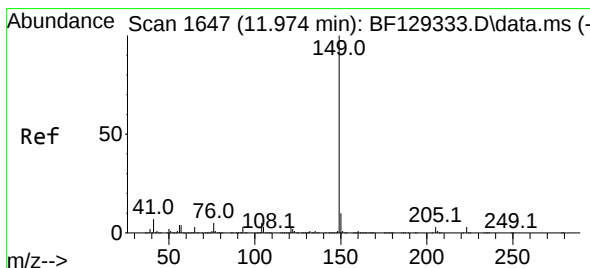
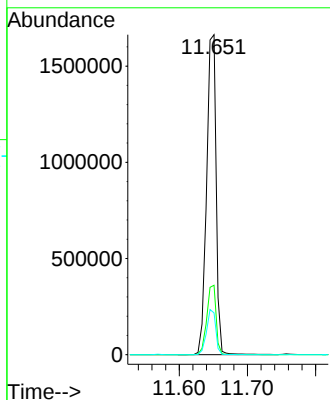
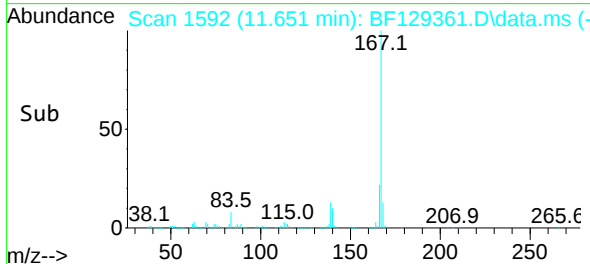
Instrument : BNA_F
 ClientSampleId : QUEENS4A-WC-20220720MSD



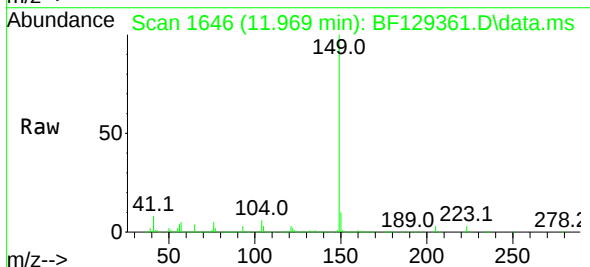
Tgt Ion:167 Resp: 1616338
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.0 11.2 16.8

Manual Integrations
 APPROVED

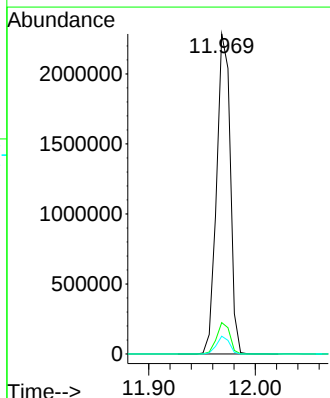
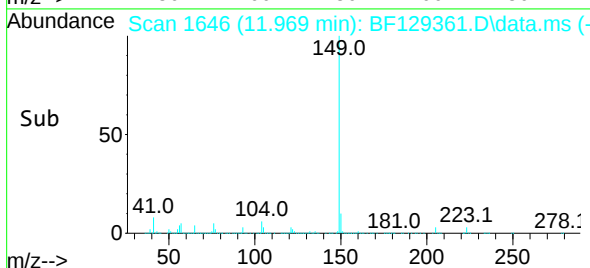
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022

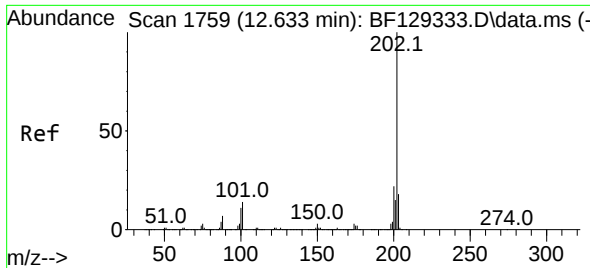


#74
 Di-n-butylphthalate
 Concen: 45.601 ng
 RT: 11.969 min Scan# 1646
 Delta R.T. -0.006 min
 Lab File: BF129361.D
 Acq: 26 Jul 2022 18:18



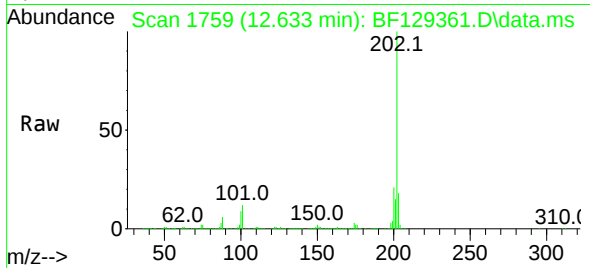
Tgt Ion:149 Resp: 2033474
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.5 11.3
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 39.103 ng
RT: 12.633 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

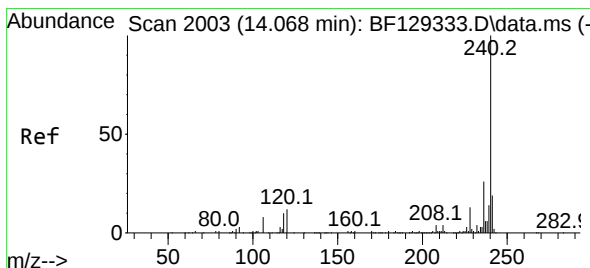
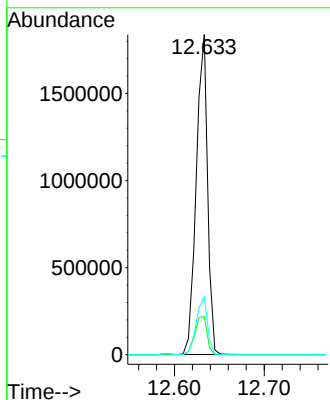
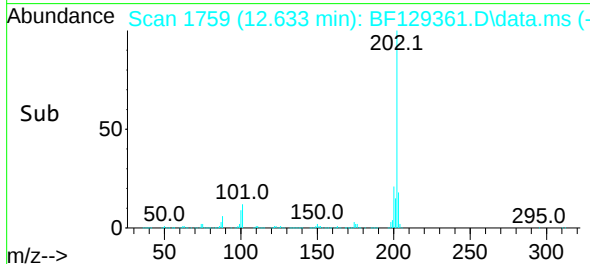
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MSD



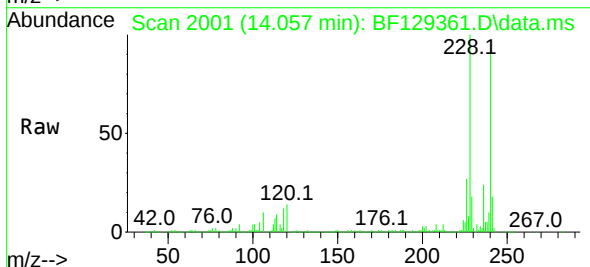
Tgt Ion:202 Resp: 1603739
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 18.1 0.0 38.0

Manual Integrations
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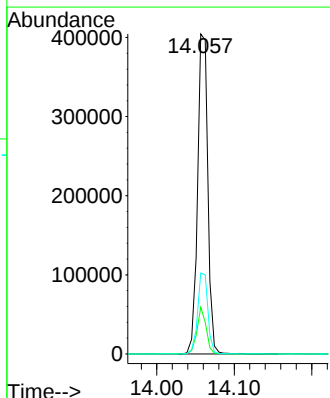
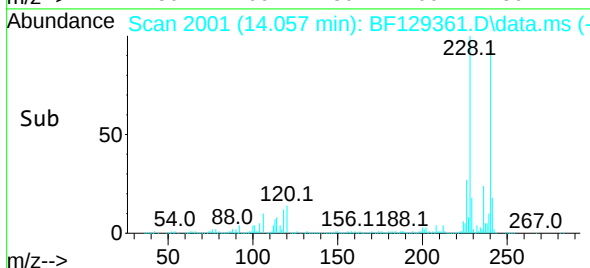
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

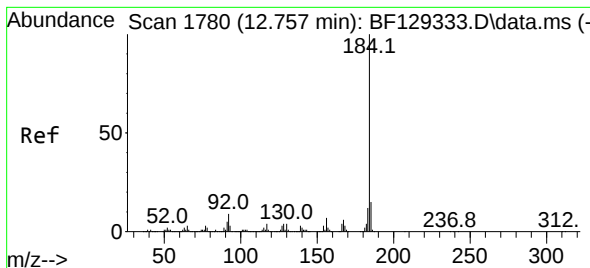


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



Tgt Ion:240 Resp: 371409
Ion Ratio Lower Upper
240 100
120 14.6 8.9 13.3#
236 25.3 20.8 31.2





#77

Benzidine

Concen: 15.002 ng

RT: 12.751 min Scan# 1779

Delta R.T. -0.006 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

Instrument :

BNA_F

ClientSampleId :

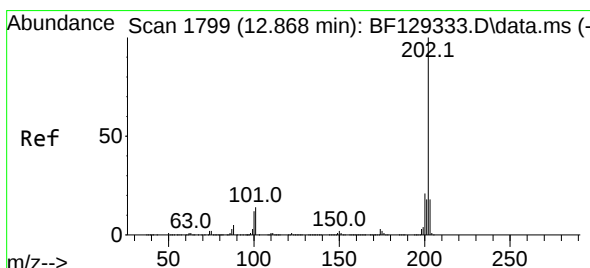
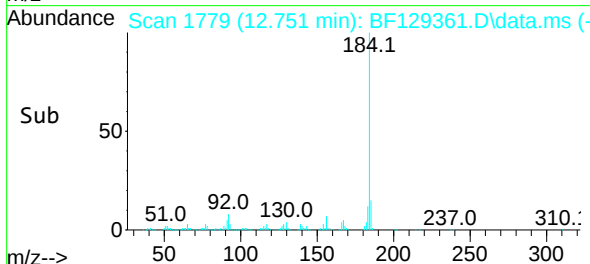
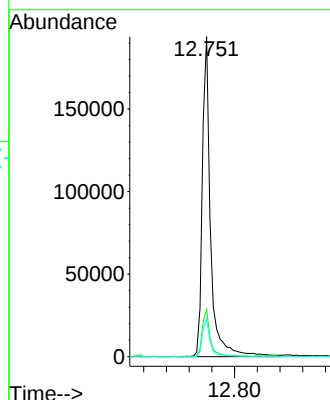
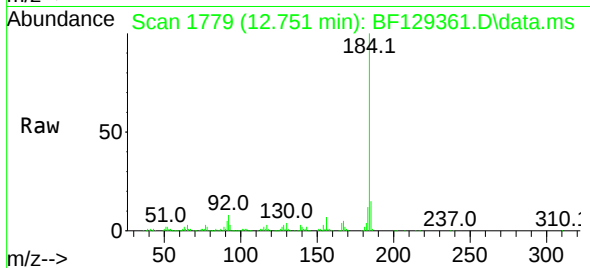
QUEENS4A-WC-20220720MSD

Tgt Ion:184 Resp: 196844
 Ion Ratio Lower Upper
 184 100
 185 14.7 11.9 17.9
 183 11.6 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022



#78

Pyrene

Concen: 51.118 ng

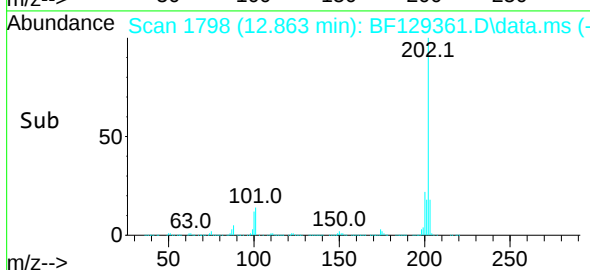
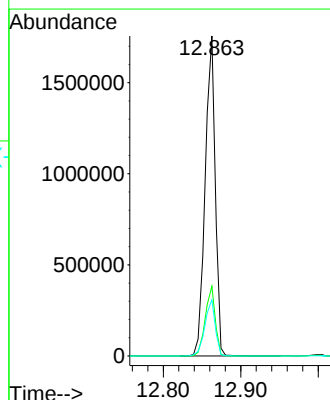
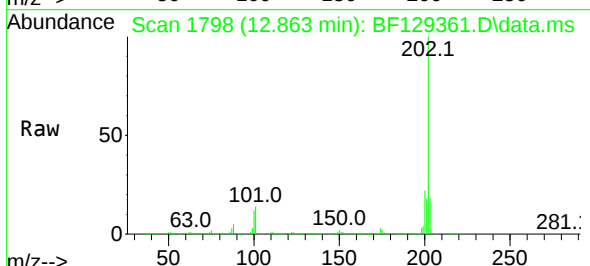
RT: 12.863 min Scan# 1798

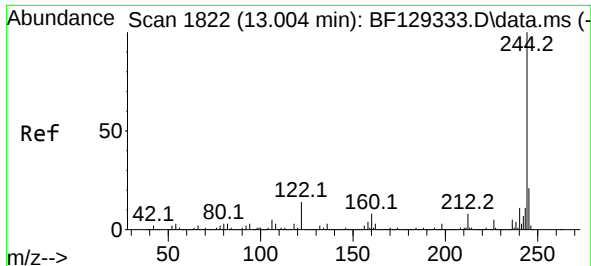
Delta R.T. -0.006 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

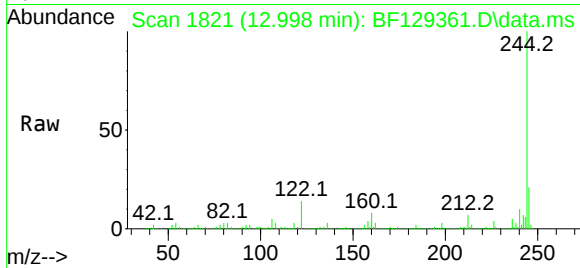
Tgt Ion:202 Resp: 1587640
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.7 26.5
 203 17.5 14.6 21.8





#79
 Terphenyl-d14
 Concen: 105.677 ng
 RT: 12.998 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF129361.D
 Acq: 26 Jul 2022 18:18

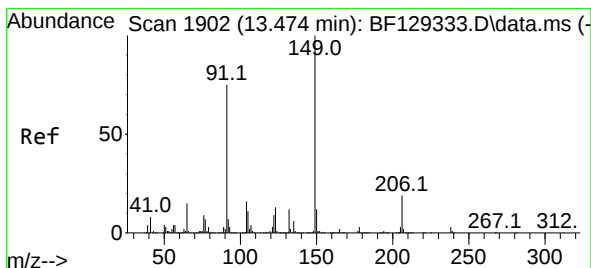
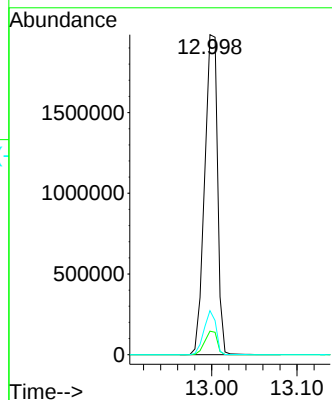
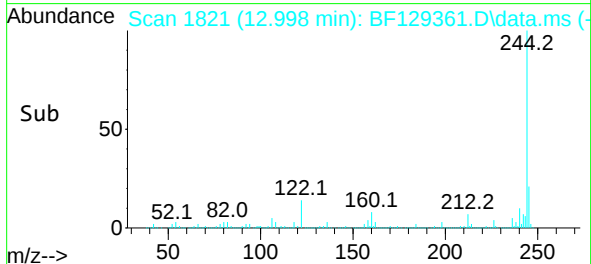
Instrument :
 BNA_F
 ClientSampleId :
 QUEENS4A-WC-20220720MSD



Tgt Ion:244 Resp: 2080450
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 13.7 8.8 13.2

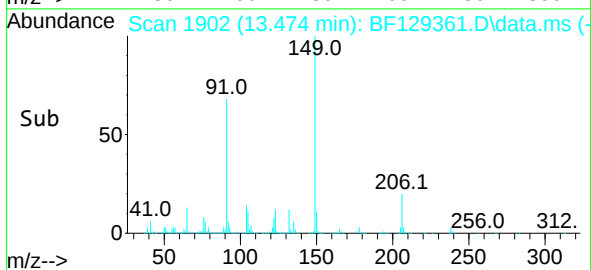
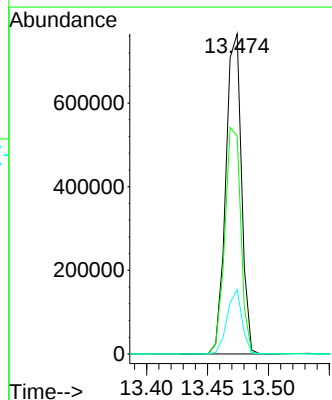
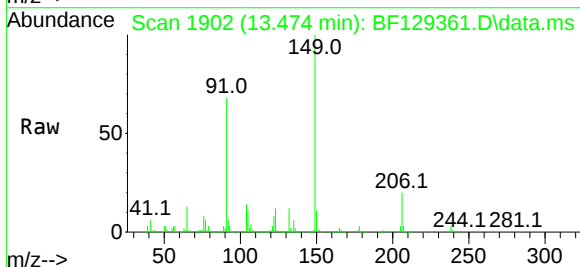
Manual Integrations
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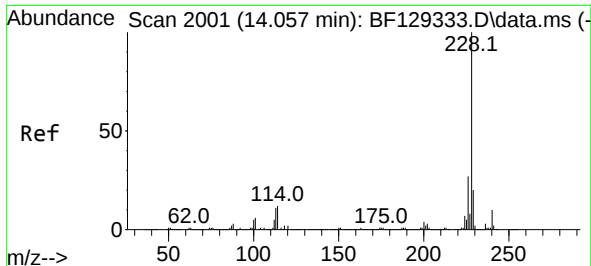
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022



#80
 Butylbenzylphthalate
 Concen: 51.117 ng
 RT: 13.474 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: BF129361.D
 Acq: 26 Jul 2022 18:18

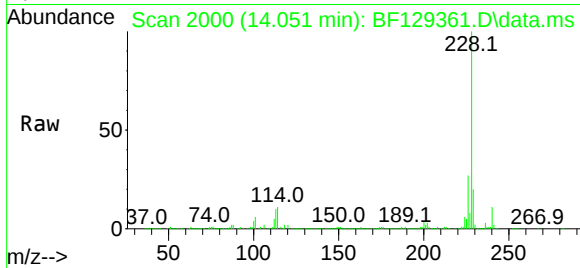
Tgt Ion:149 Resp: 688624
 Ion Ratio Lower Upper
 149 100
 91 68.1 61.2 91.8
 206 20.1 15.7 23.5





#81
Benzo(a)anthracene
Concen: 45.201 ng
RT: 14.051 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

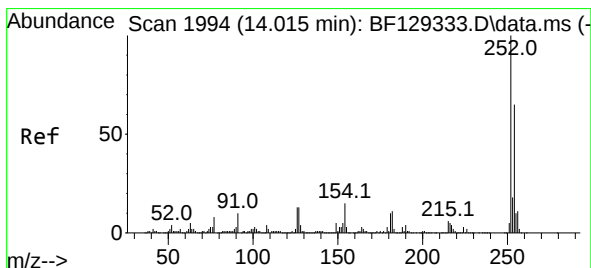
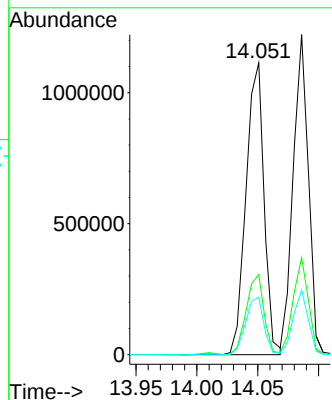
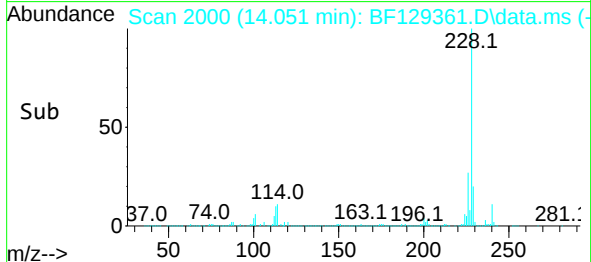
Instrument : BNA_F
ClientSampleId : QUEENS4A-WC-20220720MSD



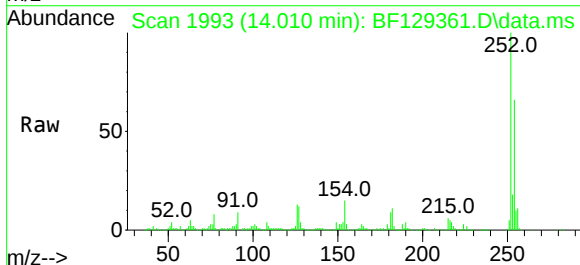
Tgt Ion:228 Resp: 1146789
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.7 15.8 23.8

Manual Integrations
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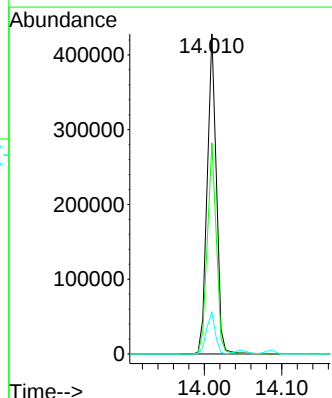
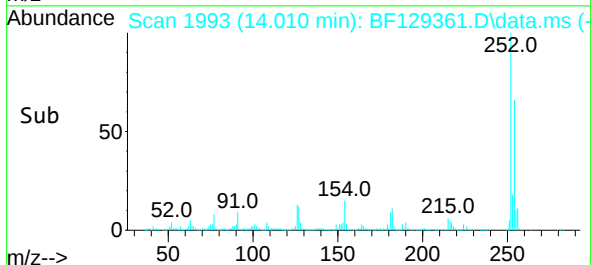
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

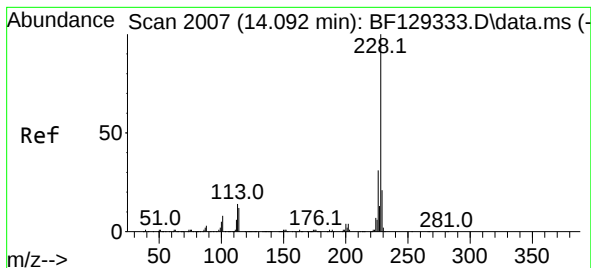


#82
3,3'-Dichlorobenzidine
Concen: 42.035 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18



Tgt Ion:252 Resp: 352116
Ion Ratio Lower Upper
252 100
254 66.0 50.2 75.4
126 13.0 8.2 12.4





#83

Chrysene

Concen: 44.564 ng

RT: 14.086 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MSD

Tgt Ion:228 Resp: 1065570

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

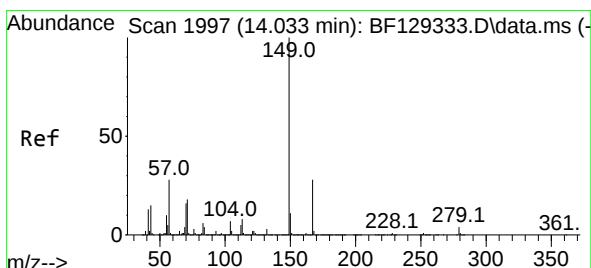
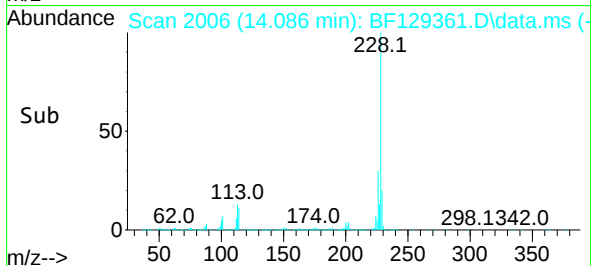
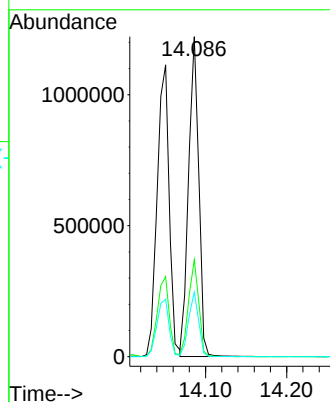
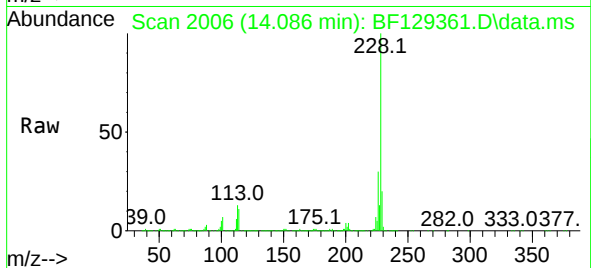
229 20.2 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.134 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

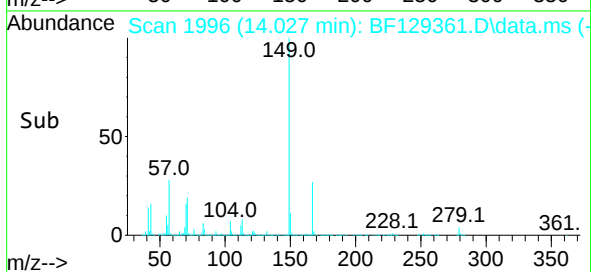
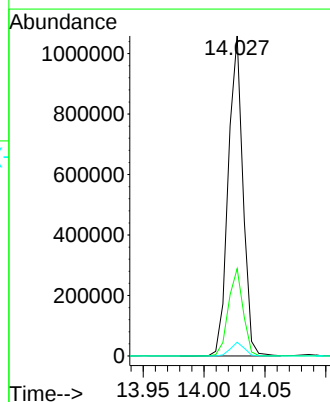
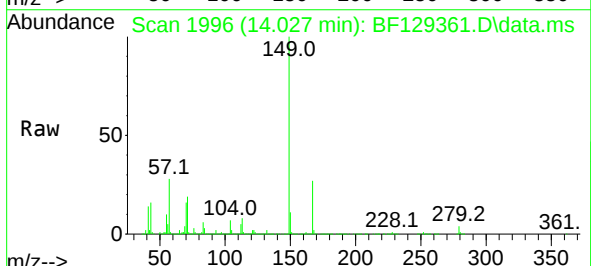
Tgt Ion:149 Resp: 889157

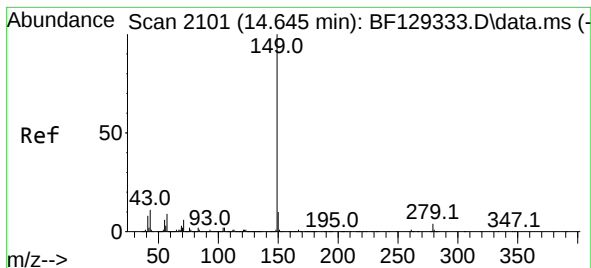
Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.4

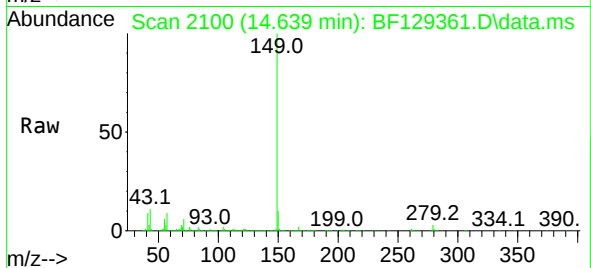
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 49.435 ng
RT: 14.639 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

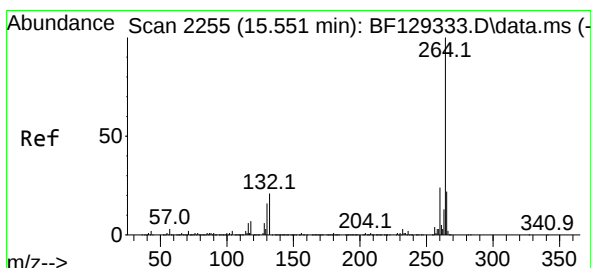
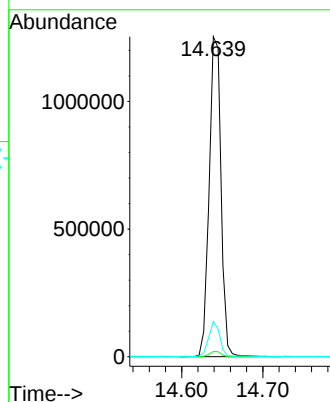
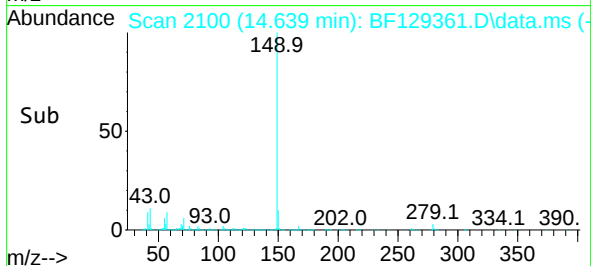
Instrument : BNA_F
ClientSampleId : QUEENS4A-WC-20220720MSD



Tgt Ion:149 Resp: 126167
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 9.2 13.8

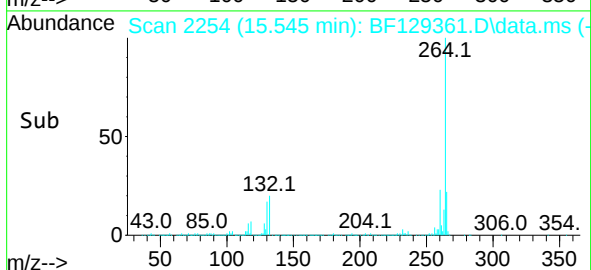
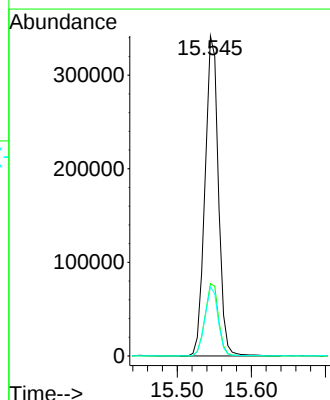
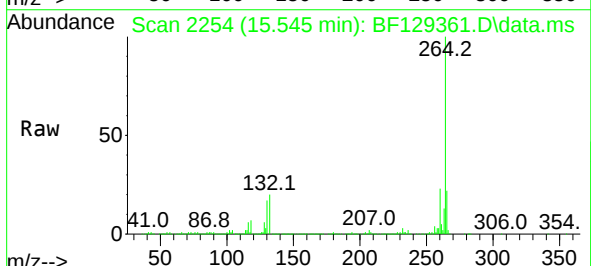
Manual Integrations
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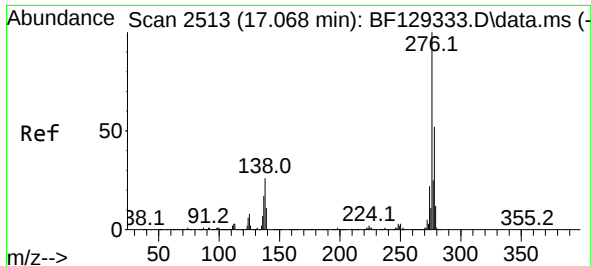
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Tgt Ion:264 Resp: 429272
Ion Ratio Lower Upper
264 100
260 22.6 18.4 27.6
265 21.6 17.2 25.8





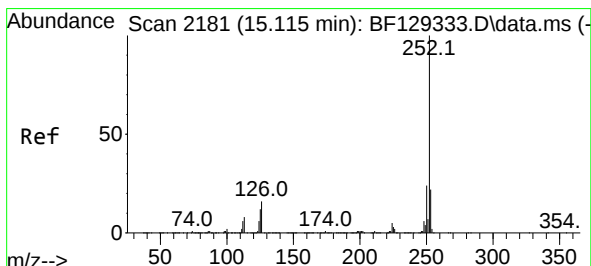
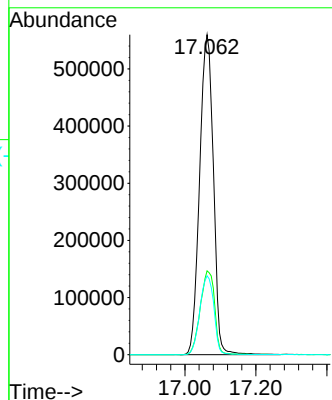
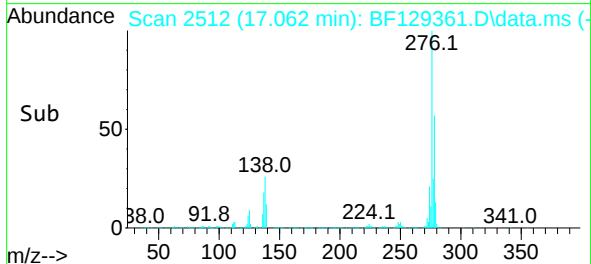
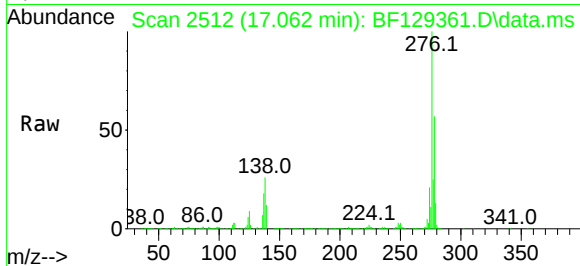
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.296 ng
RT: 17.062 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Instrument : BNA_F
ClientSampleId : QUEENS4A-WC-20220720MSD

Tgt Ion: 276 Resp: 151176
Ion Ratio Lower Upper
276 100
138 27.3 21.1 31.7
277 25.2 20.3 30.5

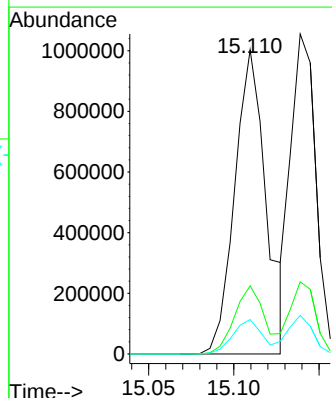
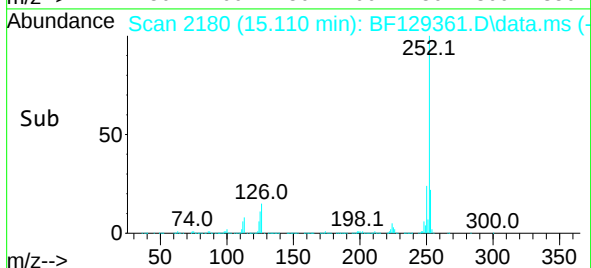
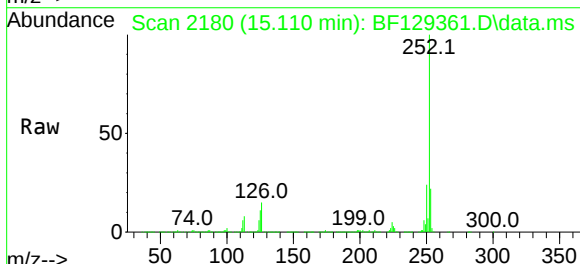
Manual Integrations
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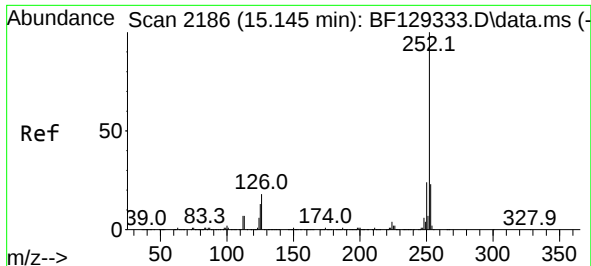
Reviewed By : Christian Giraldo 07/27/2022
Supervised By : Jagrut Upadhyay 07/27/2022



#88
Benzo(b)fluoranthene
Concen: 45.134 ng
RT: 15.110 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF129361.D
Acq: 26 Jul 2022 18:18

Tgt Ion: 252 Resp: 1285185
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.3 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 39.093 ng

RT: 15.139 min Scan# 2186

Delta R.T. -0.006 min

Lab File: BF129361.D

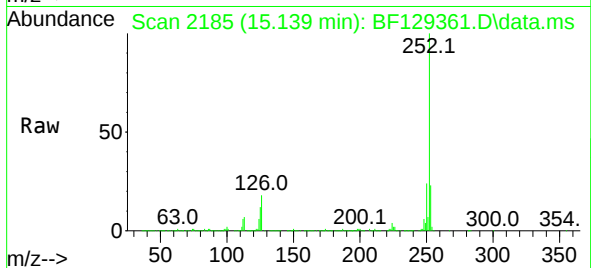
Acq: 26 Jul 2022 18:18

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MSD



Tgt Ion:252 Resp: 1090859

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.6

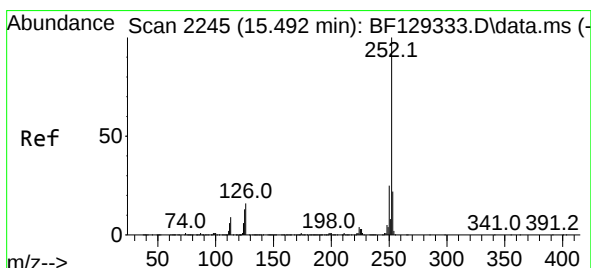
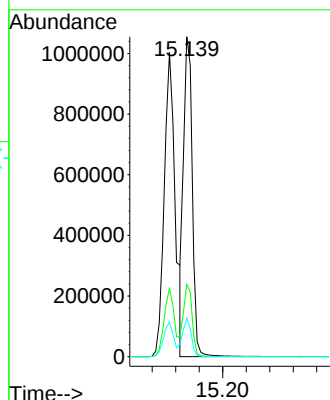
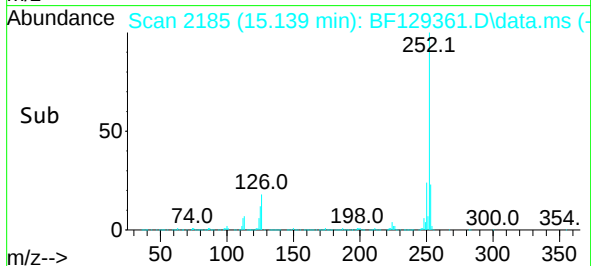
125 12.0 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#90

Benzo(a)pyrene

Concen: 47.296 ng

RT: 15.486 min Scan# 2244

Delta R.T. -0.006 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

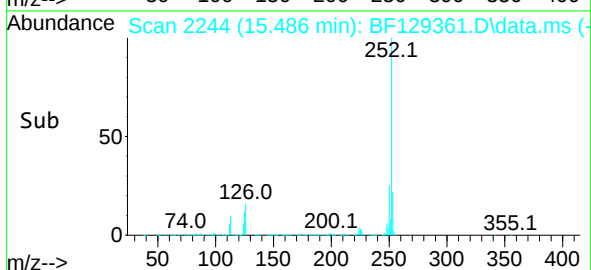
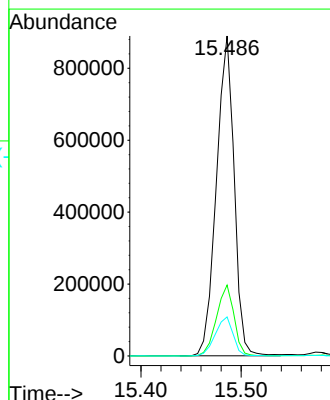
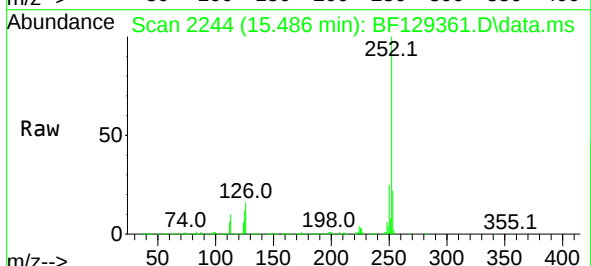
Tgt Ion:252 Resp: 1093252

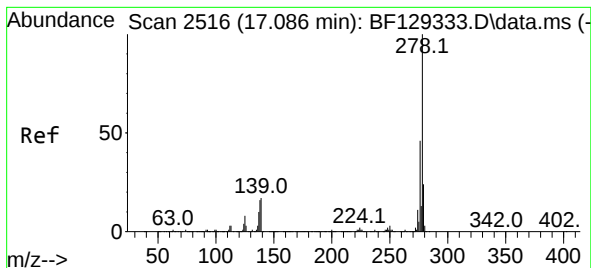
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 12.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 55.575 ng

RT: 17.080 min Scan# 2516

Delta R.T. -0.006 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MSD

Tgt Ion:278 Resp: 130757

Ion Ratio Lower Upper

278 100

139 16.8 12.8 19.2

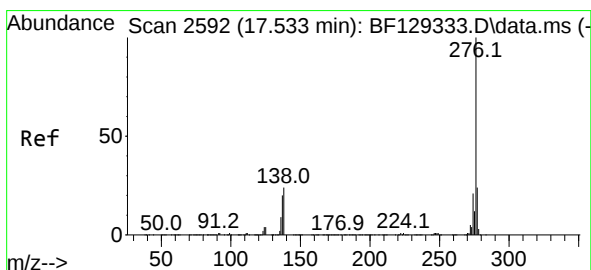
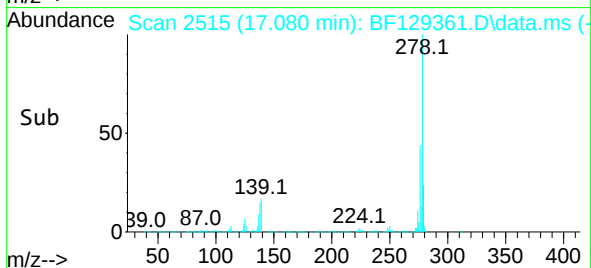
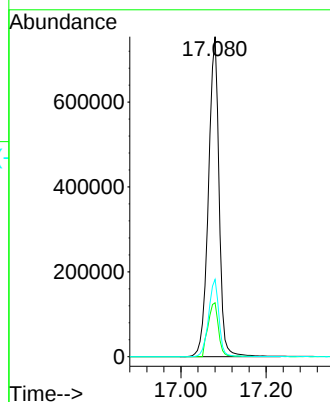
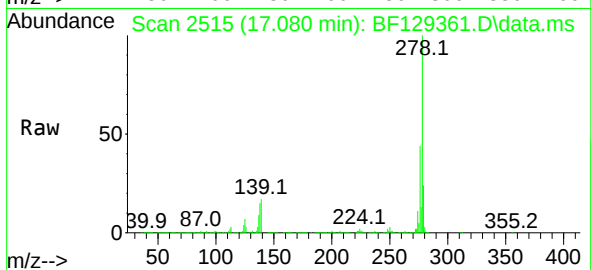
279 24.2 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#92

Benzo(g,h,i)perylene

Concen: 54.457 ng

RT: 17.521 min Scan# 2590

Delta R.T. -0.012 min

Lab File: BF129361.D

Acq: 26 Jul 2022 18:18

Tgt Ion:276 Resp: 1309242

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 24.3 18.0 27.0

