

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129360.D
 Acq On : 26 Jul 2022 17:44
 Operator : CG\JU
 Sample : N3813-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QUEENS4A-WC-20220720MS

Quant Time: Jul 27 00:40:21 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	6.886	152	238245	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	932375	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	484086	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	771817	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	377256	20.000	ng	0.00
86) Perylene-d12	15.545	264	441225	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1614864	110.416	ng	0.01
7) Phenol-d6	6.516	99	1977136	107.552	ng	0.00
23) Nitrobenzene-d5	7.451	82	1393697	81.598	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	576777	123.928	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2338788	74.738	ng	0.00
79) Terphenyl-d14	13.004	244	2122157	106.125	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	254696	38.598	ng	89
3) Pyridine	3.493	79	375616	20.498	ng	89
4) n-Nitrosodimethylamine	3.440	42	343446	42.681	ng	88
6) Aniline	6.545	93	567142	24.817	ng	99
8) 2-Chlorophenol	6.669	128	715943	44.807	ng	98
9) Benzaldehyde	6.434	77	222300	17.807	ng	96
10) Phenol	6.528	94	752988m	38.464	ng	
11) bis(2-Chloroethyl)ether	6.622	93	701617	45.192	ng	93
12) 1,3-Dichlorobenzene	6.822	146	706914	41.251	ng	100
13) 1,4-Dichlorobenzene	6.904	146	718911	41.250	ng	98
14) 1,2-Dichlorobenzene	7.051	146	706033	44.073	ng	97
15) Benzyl Alcohol	7.028	79	608072	45.608	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1036070	44.396	ng	92
17) 2-Methylphenol	7.134	107	563424	42.505	ng	99
18) Hexachloroethane	7.398	117	272827	41.574	ng	93
19) n-Nitroso-di-n-propyla...	7.298	70	495839	44.554	ng	92
20) 3+4-Methylphenols	7.286	107	669083	39.699	ng	93
22) Acetophenone	7.298	105	962457	44.338	ng	# 96
24) Nitrobenzene	7.469	77	768316	43.683	ng	98
25) Isophorone	7.710	82	1427231	46.617	ng	98
26) 2-Nitrophenol	7.786	139	381896	44.013	ng	89
27) 2,4-Dimethylphenol	7.816	122	645324m	49.582	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	873196	49.165	ng	98
29) 2,4-Dichlorophenol	8.028	162	590868	43.984	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	576096	41.431	ng	98
31) Naphthalene	8.192	128	1993264	42.078	ng	99
32) Benzoic acid	7.922	122	238646	25.363	ng	95
33) 4-Chloroaniline	8.239	127	477350	24.545	ng	95
34) Hexachlorobutadiene	8.304	225	335925	42.501	ng	99
35) Caprolactam	8.616	113	165996m	38.007	ng	
36) 4-Chloro-3-methylphenol	8.722	107	643581	45.170	ng	92
37) 2-Methylnaphthalene	8.880	142	1323668	42.999	ng	100
38) 1-Methylnaphthalene	8.980	142	1257718	42.323	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	559088	43.984	ng	98
41) Hexachlorocyclopentadiene	9.033	237	601082	106.196	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	398553	43.170	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	435355	43.363	ng	# 92
46) 1,1'-Biphenyl	9.345	154	1577027	44.639	ng	99
47) 2-Chloronaphthalene	9.375	162	1251443	43.819	ng	98
48) 2-Nitroaniline	9.469	65	425758	44.832	ng	94
49) Acenaphthylene	9.792	152	1897673	43.729	ng	100
50) Dimethylphthalate	9.651	163	1490323	44.596	ng	100
51) 2,6-Dinitrotoluene	9.716	165	345217	46.154	ng	90
52) Acenaphthene	9.963	154	1327397m	46.832	ng	
53) 3-Nitroaniline	9.880	138	284504	32.212	ng	# 94
54) 2,4-Dinitrophenol	9.992	184	293088	76.758	ng	89
55) Dibenzofuran	10.133	168	1710615	43.780	ng	96
56) 4-Nitrophenol	10.045	139	486469	74.658	ng	97
57) 2,4-Dinitrotoluene	10.116	165	442609	45.298	ng	99
58) Fluorene	10.480	166	1348949	43.148	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	320926	41.364	ng	90
60) Diethylphthalate	10.345	149	1436362	44.463	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	617968	44.837	ng	94
62) 4-Nitroaniline	10.504	138	348472	39.772	ng	90
63) Azobenzene	10.627	77	1418652	43.055	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	205150	42.112	ng	92
66) n-Nitrosodiphenylamine	10.586	169	1189699	46.286	ng	96
67) 4-Bromophenyl-phenylether	10.957	248	398248	47.121	ng	94
68) Hexachlorobenzene	11.027	284	427801	46.716	ng	97
69) Atrazine	11.110	200	183006	23.441	ng	97
70) Pentachlorophenol	11.221	266	416264	83.615	ng	99
71) Phenanthrene	11.445	178	1838025	43.626	ng	99
72) Anthracene	11.492	178	1843392	44.523	ng	100
73) Carbazole	11.651	167	1667052	42.773	ng	99
74) Di-n-butylphthalate	11.974	149	2091162	45.054	ng	99
75) Fluoranthene	12.633	202	1635002	38.301	ng	99
77) Benzidine	12.751	184	213582	16.026	ng	99
78) Pyrene	12.863	202	1621773	51.408	ng	99
80) Butylbenzylphthalate	13.474	149	690789	50.483	ng	92
81) Benzo(a)anthracene	14.051	228	1165428	45.224	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	356050	41.846	ng	# 98
83) Chrysene	14.086	228	1081789	44.541	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	894709	49.665	ng	98
85) Di-n-octyl phthalate	14.639	149	1275151	49.189	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1569487	52.822	ng	99
88) Benzo(b)fluoranthene	15.109	252	1310789	44.786	ng	99
89) Benzo(k)fluoranthene	15.139	252	1137136	39.647	ng	98
90) Benzo(a)pyrene	15.486	252	1132495	47.666	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	1354153	55.995	ng	99
92) Benzo(g,h,i)perylene	17.527	276	1374722	55.631	ng	99

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

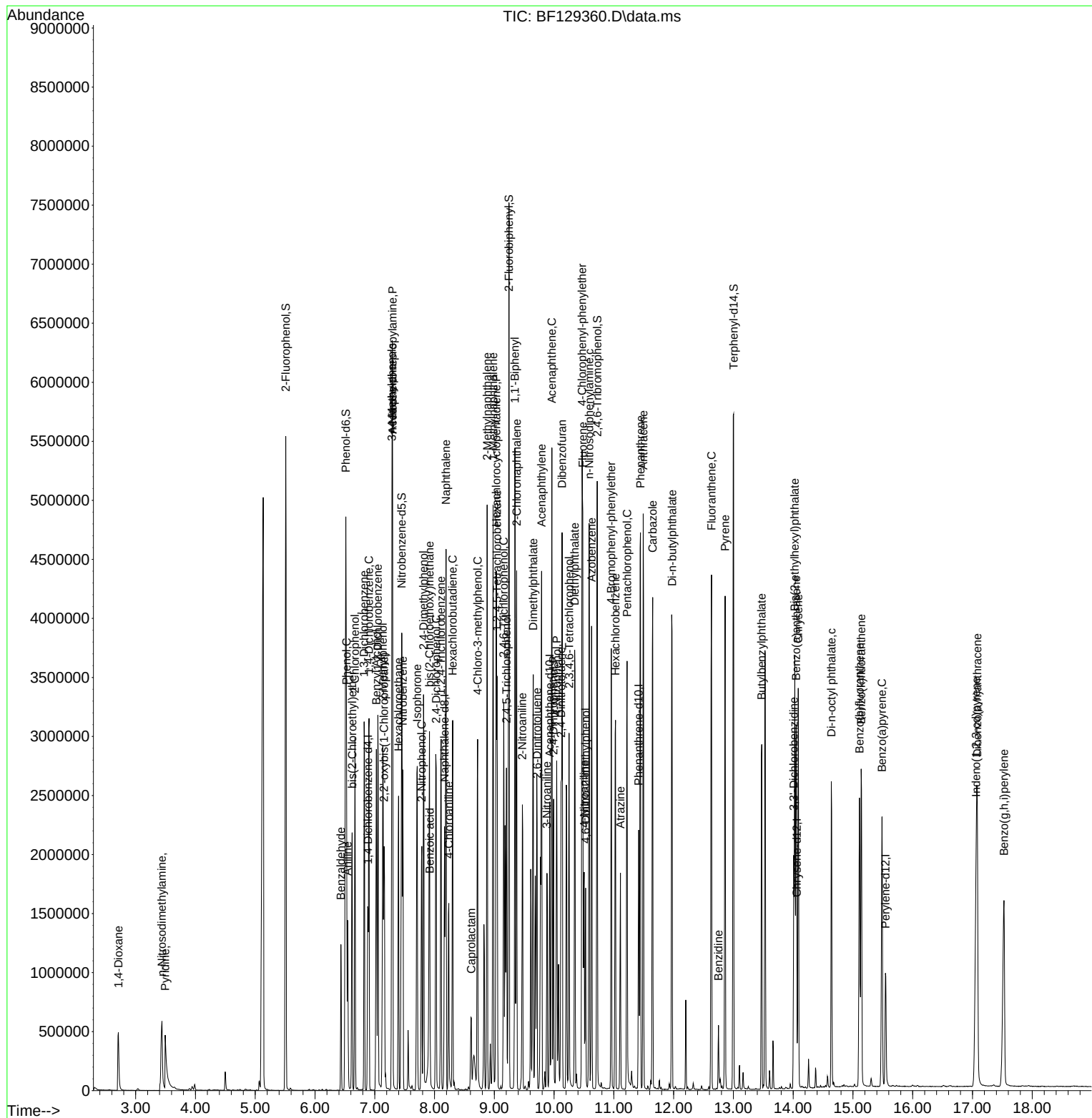
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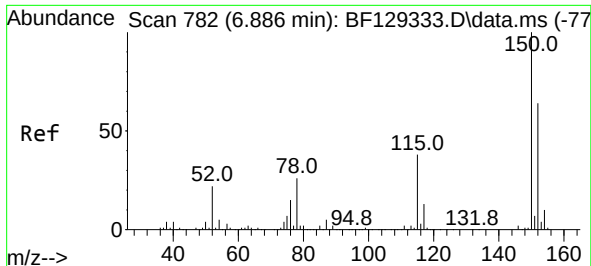
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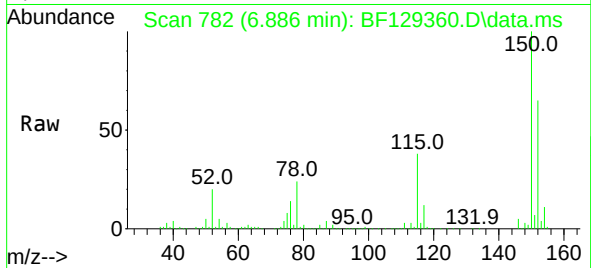
Reviewed By : Christian Giraldo 07/27/2022
Supervised By : Jagrut Upadhyay 07/27/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129360.D
 Acq: 26 Jul 2022 17:44

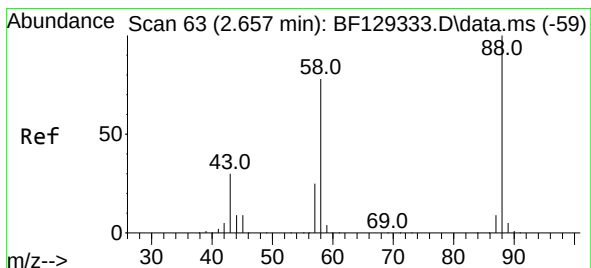
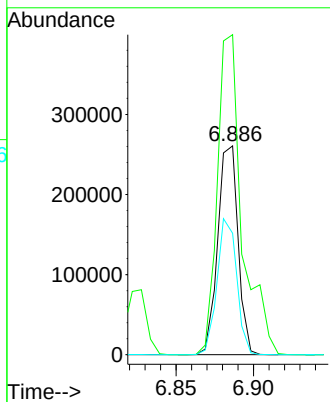
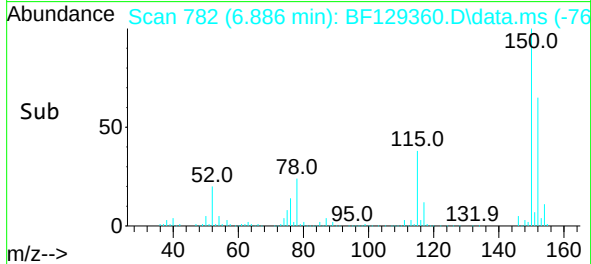
Instrument :
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 ClientSampleId :
 QUEENS4A-WC-20220720MS



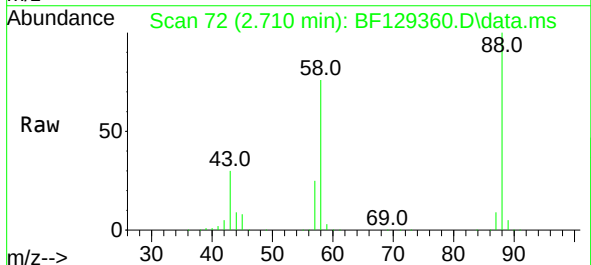
Tgt Ion:152 Resp: 238245
 Ion Ratio Lower Upper
 152 100
 150 153.3 123.7 185.5
 115 58.2 49.9 74.9

Manual Integrations
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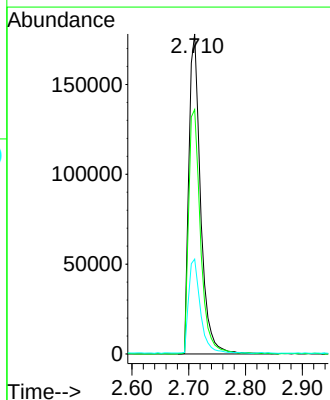
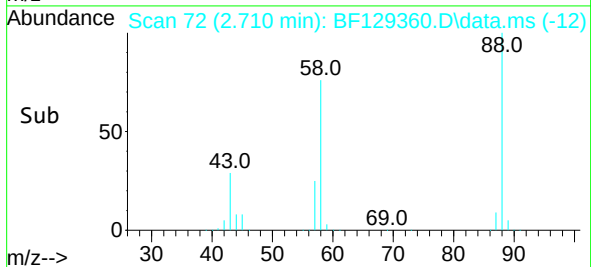
Reviewed By :Christian Giraldo 07/27/2022
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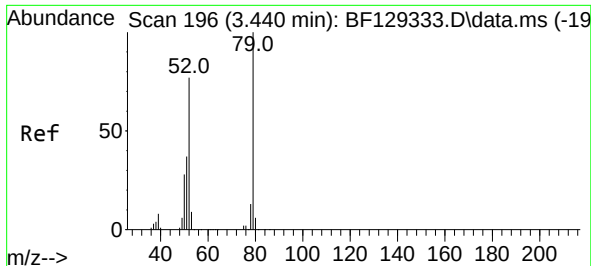


#2
 1,4-Dioxane
 Concen: 38.598 ng
 RT: 2.710 min Scan# 72
 Delta R.T. 0.053 min
 Lab File: BF129360.D
 Acq: 26 Jul 2022 17:44



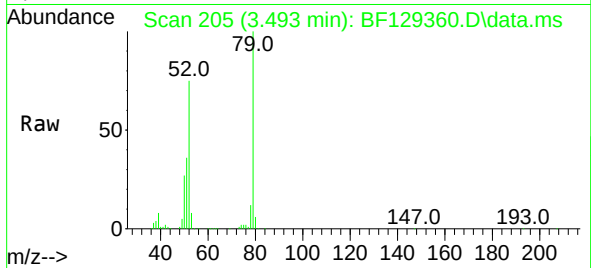
Tgt Ion: 88 Resp: 254696
 Ion Ratio Lower Upper
 88 100
 58 77.7 71.8 107.8
 43 29.6 26.6 39.8





#3
Pyridine
Concen: 20.498 ng
RT: 3.493 min Scan# 205
Delta R.T. 0.053 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

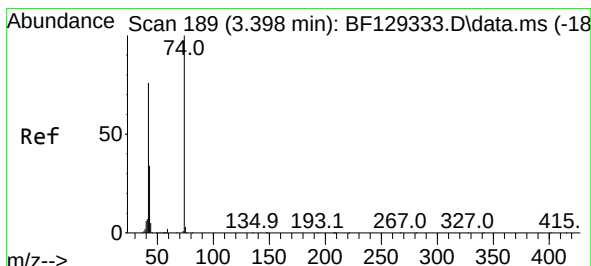
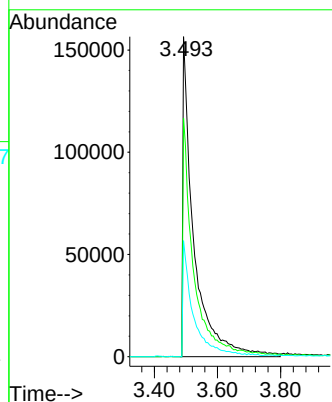
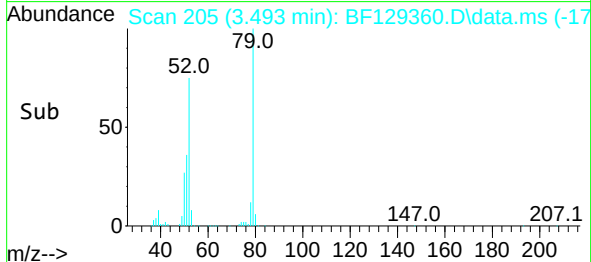
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



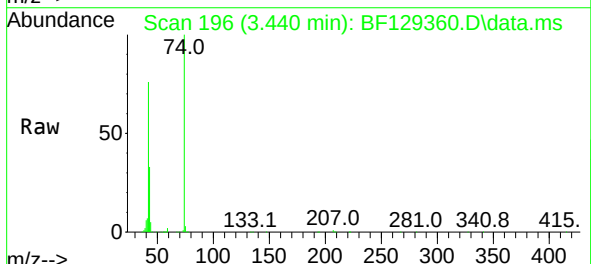
Tgt Ion: 79 Resp: 375610
Ion Ratio Lower Upper
79 100
52 74.6 68.6 102.8
51 36.3 32.9 49.3

Manual Integrations
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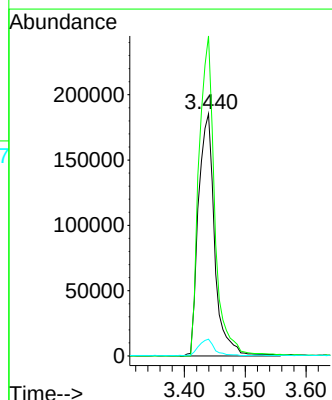
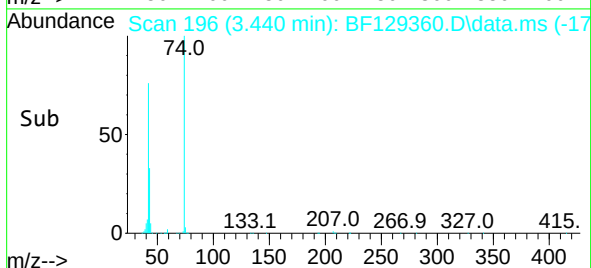
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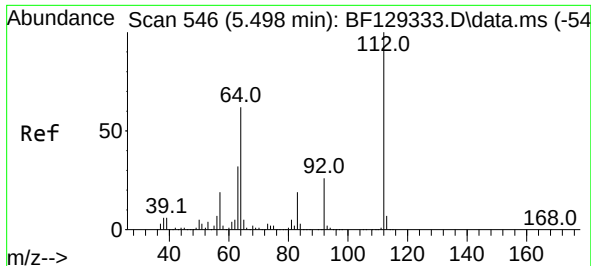


#4
n-Nitrosodimethylamine
Concen: 42.681 ng
RT: 3.440 min Scan# 196
Delta R.T. 0.041 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



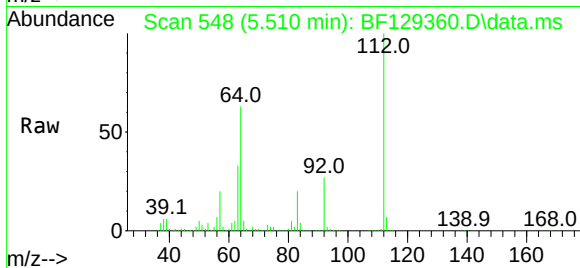
Tgt Ion: 42 Resp: 343446
Ion Ratio Lower Upper
42 100
74 132.2 94.8 142.2
44 7.0 6.6 10.0





#5
2-Fluorophenol
Concen: 110.416 ng
RT: 5.510 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

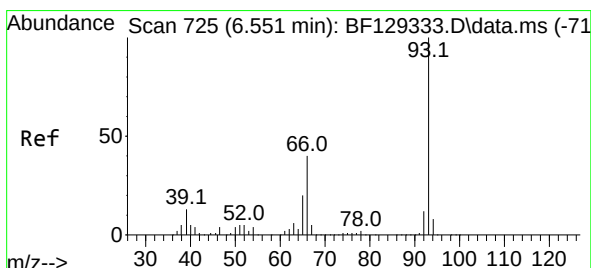
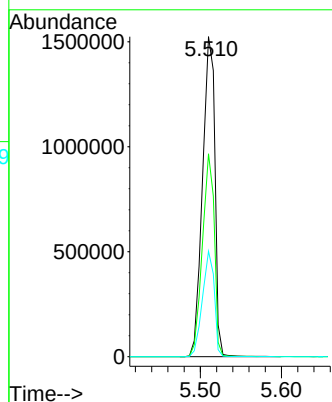
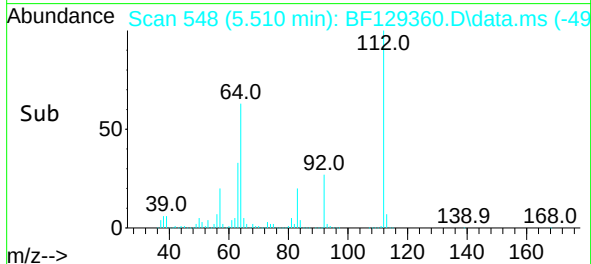
Instrument :
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ClientSampleId :
QUEENS4A-WC-20220720MS



Tgt Ion:112 Resp: 1614864
Ion Ratio Lower Upper
112 100
64 63.4 53.3 79.9
63 32.9 28.0 42.0

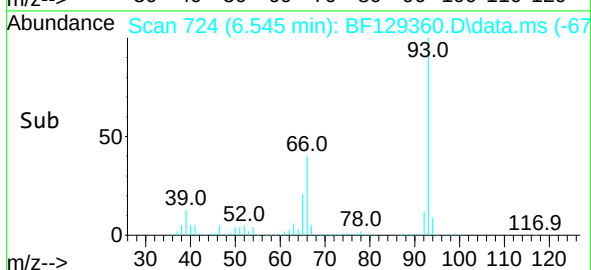
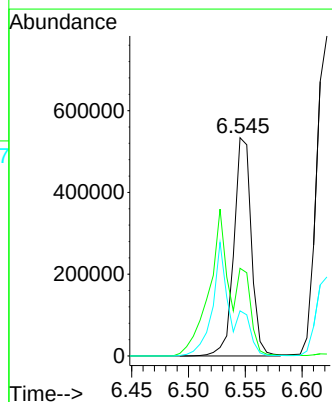
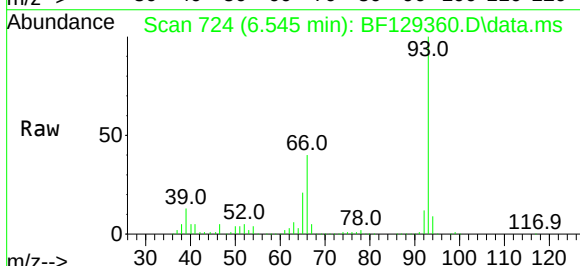
Manual Integrations
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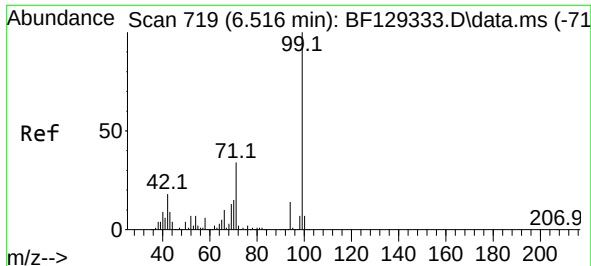
Reviewed By :Christian Giraldo 07/27/2022
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#6
Aniline
Concen: 24.817 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

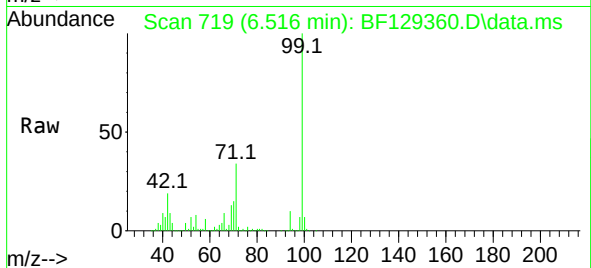
Tgt Ion: 93 Resp: 567142
Ion Ratio Lower Upper
93 100
66 40.2 32.5 48.7
65 20.6 16.4 24.6





#7
Phenol-d6
Concen: 107.552 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

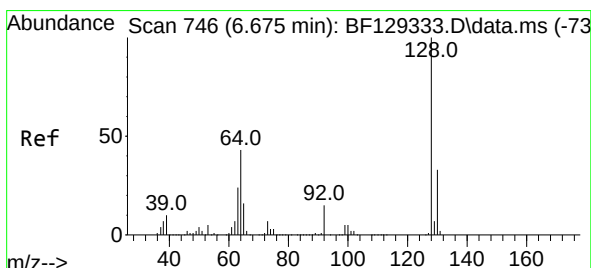
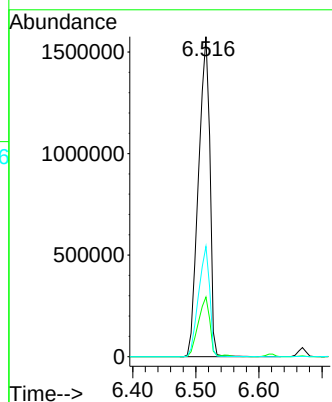
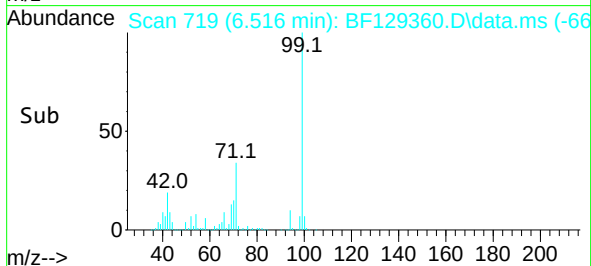
Instrument :
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Tgt Ion: 99 Resp: 1977130
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 34.5 28.9 43.3

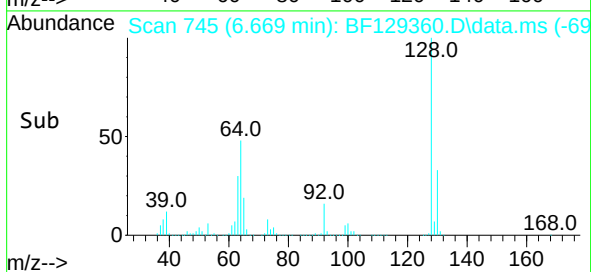
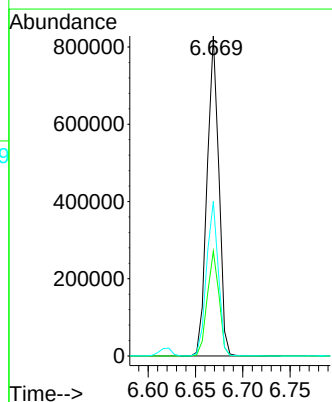
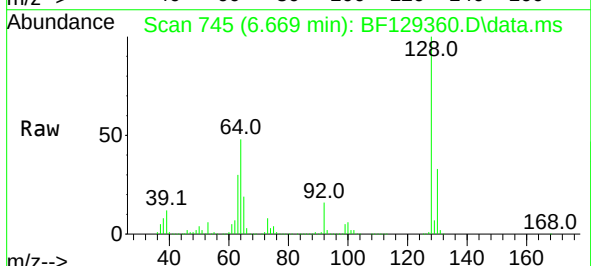
Manual Integrations
APPROVED

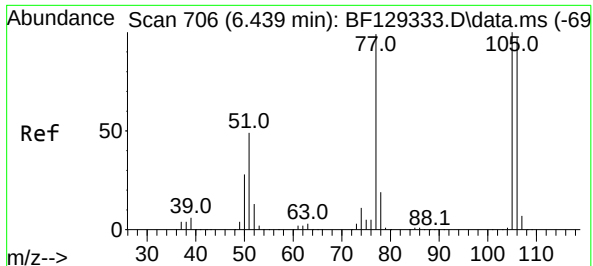
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#8
2-Chlorophenol
Concen: 44.807 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

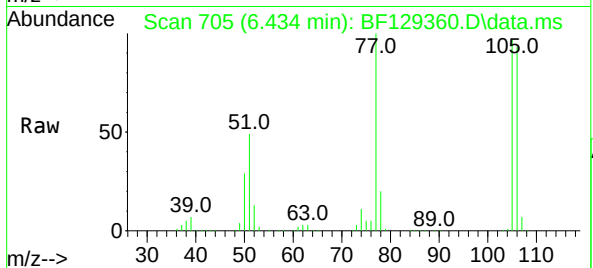
Tgt Ion:128 Resp: 715943
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 48.3 30.9 70.9





#9
Benzaldehyde
Concen: 17.807 ng
RT: 6.434 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

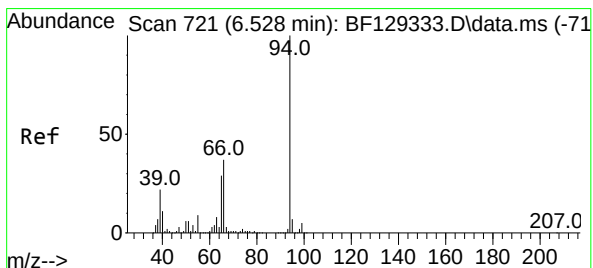
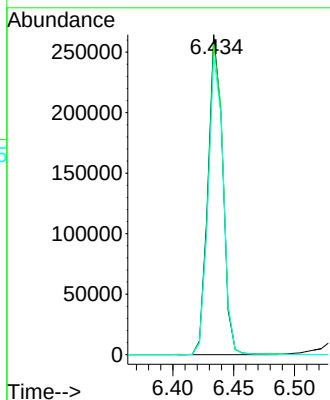
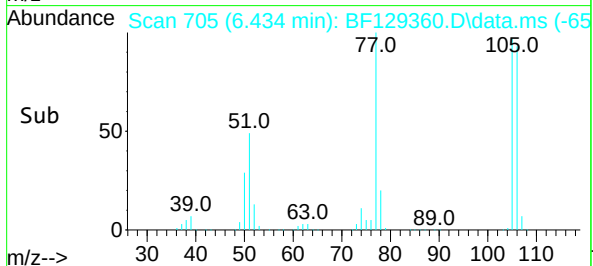
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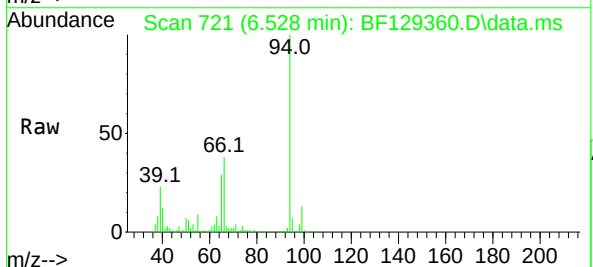
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Ion Ratio Lower Upper
77 100
105 97.0 81.6 121.6
106 93.3 76.1 116.1

Manual Integrations
APPROVED

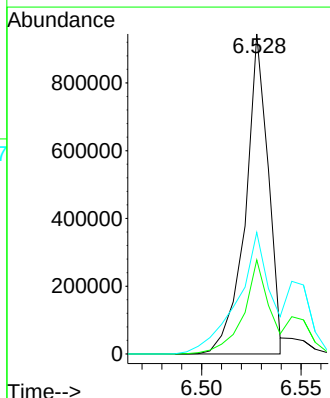
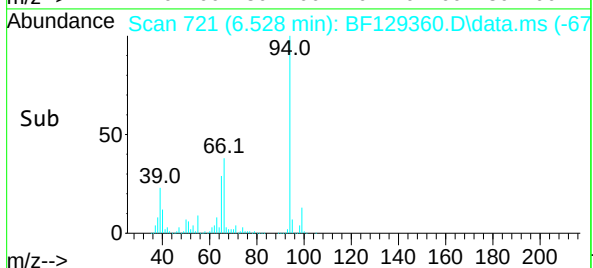
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

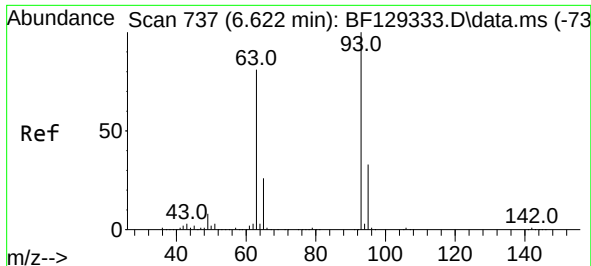


#10
Phenol
Concen: 38.464 ng m
RT: 6.528 min Scan# 721
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



Tgt Ion: 94 Resp: 752988
Ion Ratio Lower Upper
94 100
65 29.4 11.4 51.4
66 38.0 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 45.192 ng

RT: 6.622 min Scan# 711

Delta R.T. -0.000 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

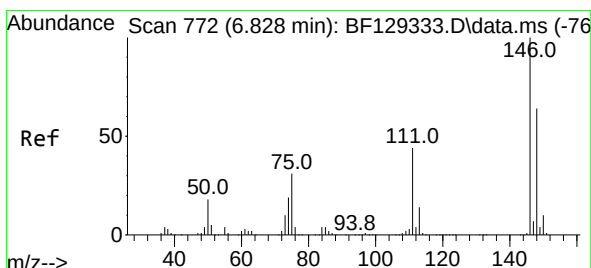
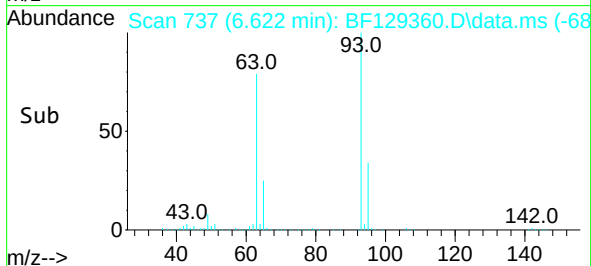
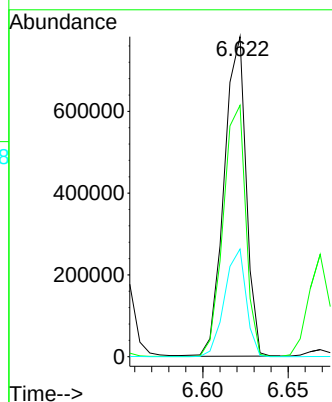
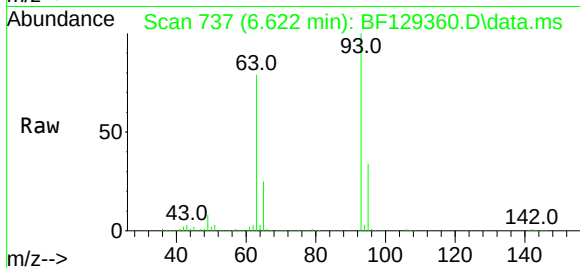
QUEENS4A-WC-20220720MS

Tgt Ion: 93	Resp: 70161
Ion Ratio	Lower Upper
93	100
63	78.6 67.4 107.4
95	33.6 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: 41.251 ng

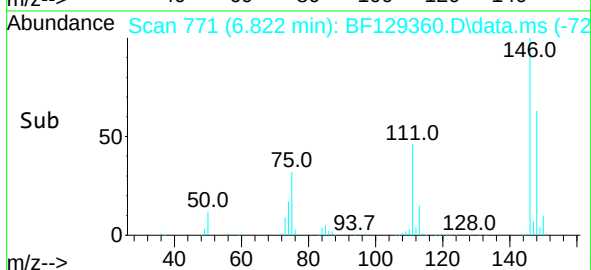
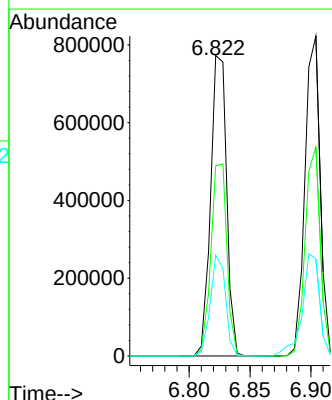
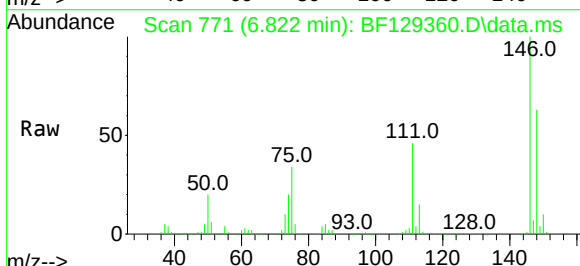
RT: 6.822 min Scan# 771

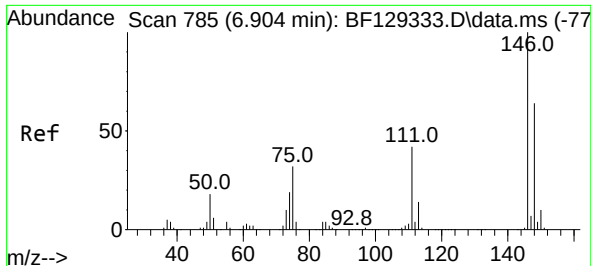
Delta R.T. -0.006 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

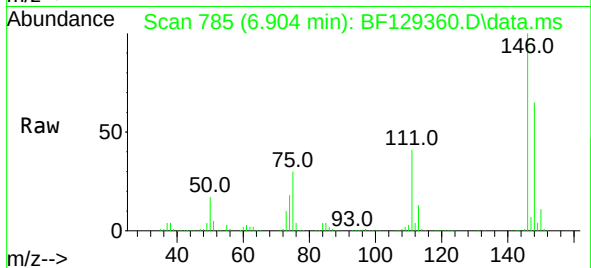
Tgt Ion:146	Resp: 706914
Ion Ratio	Lower Upper
146	100
148	63.3 50.6 75.8
75	33.5 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 41.250 ng
RT: 6.904 min Scan# 71891
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

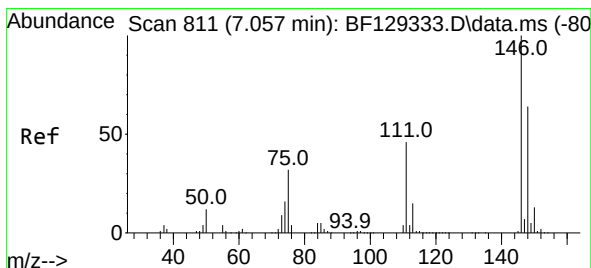
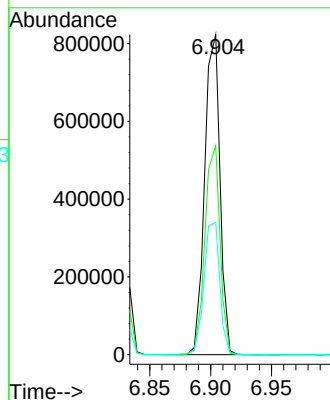
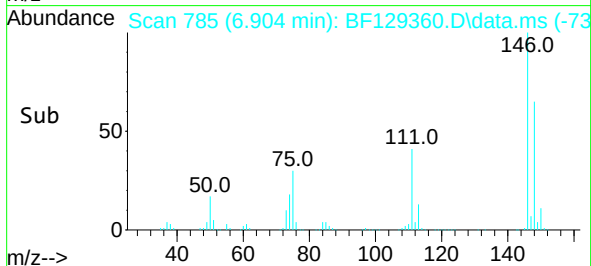
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



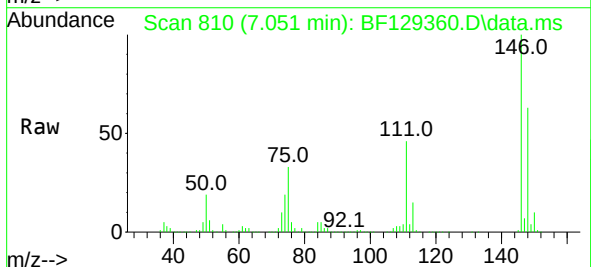
Tgt Ion:146 Resp: 71891
Ion Ratio Lower Upper
146 100
148 65.3 51.1 76.7
111 41.4 34.2 51.4

Manual Integrations
APPROVED

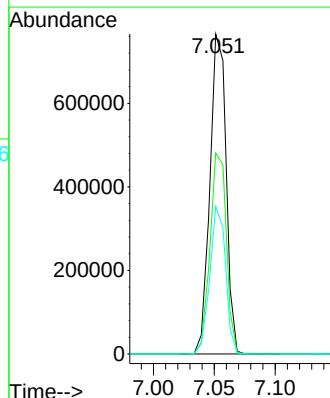
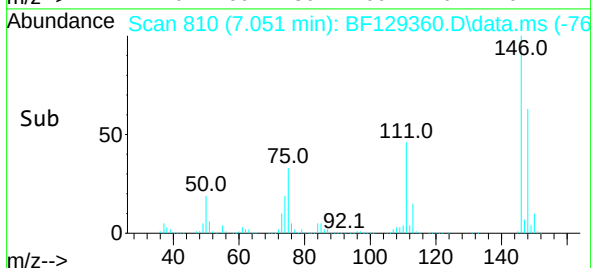
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

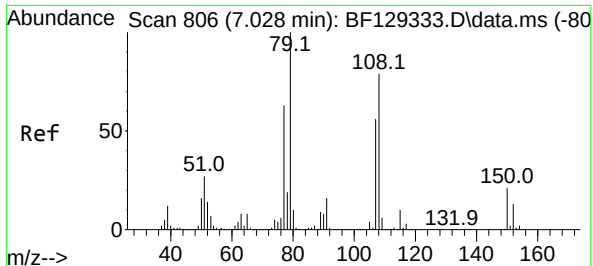


#14
1,2-Dichlorobenzene
Concen: 44.073 ng
RT: 7.051 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



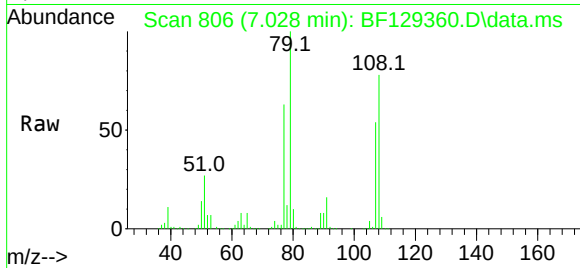
Tgt Ion:146 Resp: 706033
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.8
111 46.2 35.1 52.7





#15
Benzyl Alcohol
Concen: 45.608 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

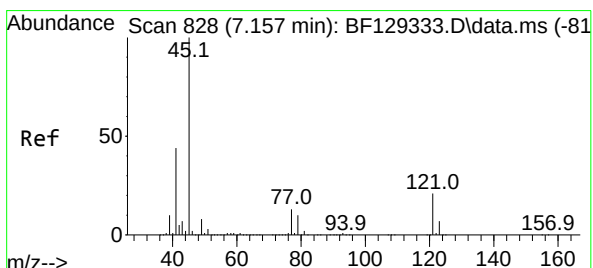
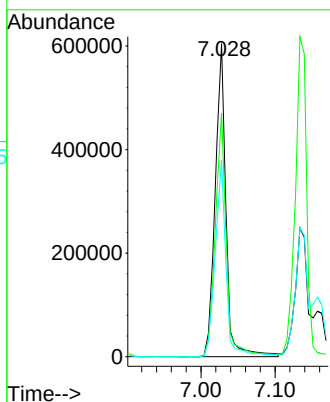
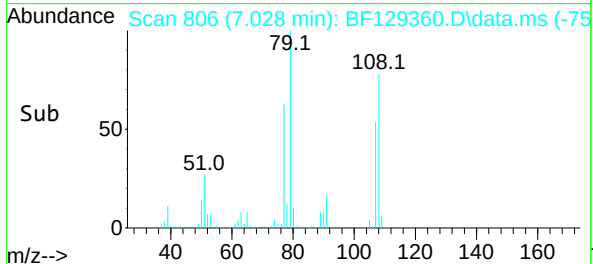
Instrument : BNA_F
ClientSampleId : QUEENS4A-WC-20220720MS



Tgt Ion: 79 Resp: 608072
Ion Ratio Lower Upper
79 100
108 77.8 61.8 92.6
77 62.8 50.2 75.4

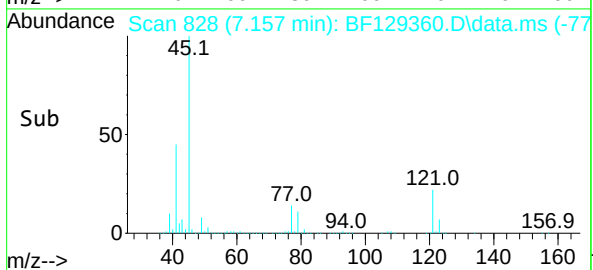
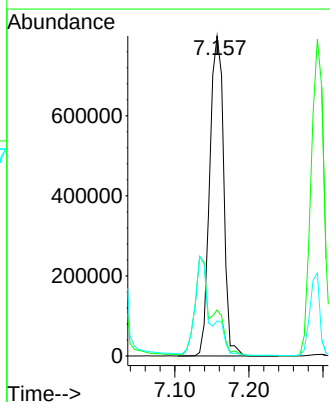
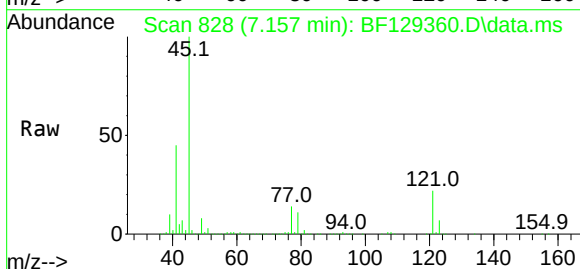
Manual Integrations
APPROVED

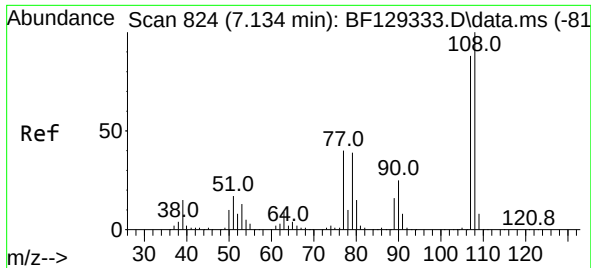
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.396 ng
RT: 7.157 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

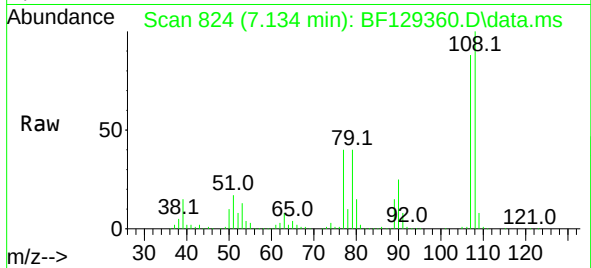
Tgt Ion: 45 Resp: 1036070
Ion Ratio Lower Upper
45 100
77 14.4 0.0 31.3
79 11.0 0.0 28.3





#17
2-Methylphenol
Concen: 42.505 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

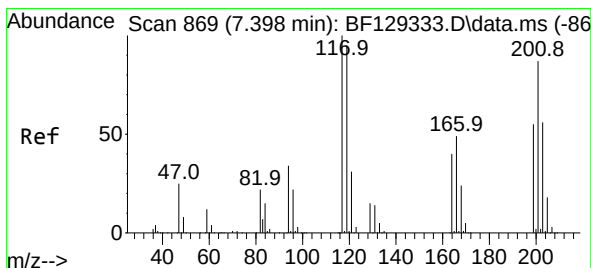
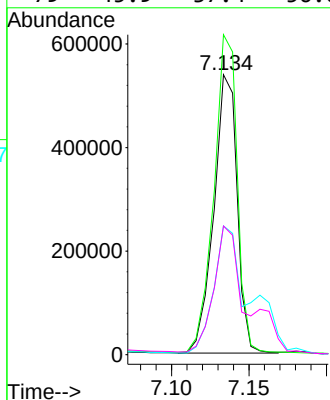
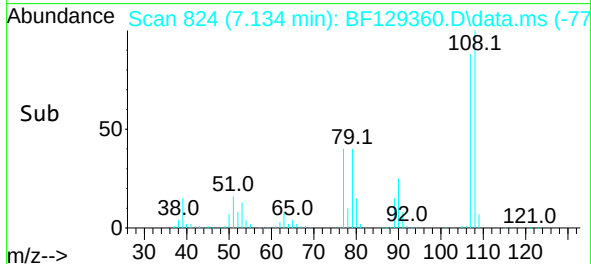
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



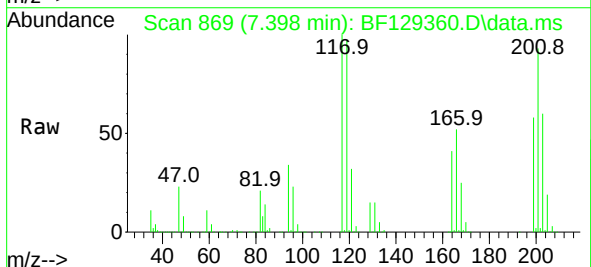
Tgt Ion:107 Resp: 563424
Ion Ratio Lower Upper
107 100
108 114.3 91.9 137.9
77 46.0 37.8 56.8
79 45.9 37.4 56.0

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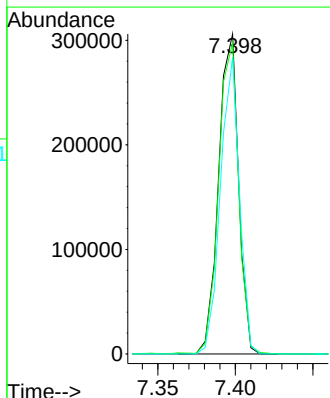
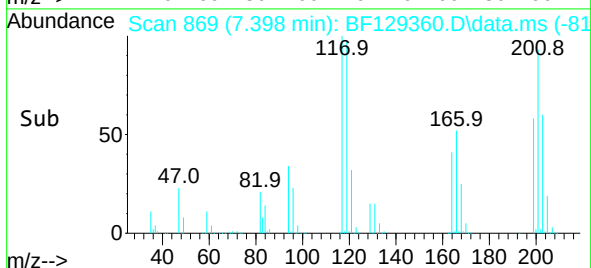
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

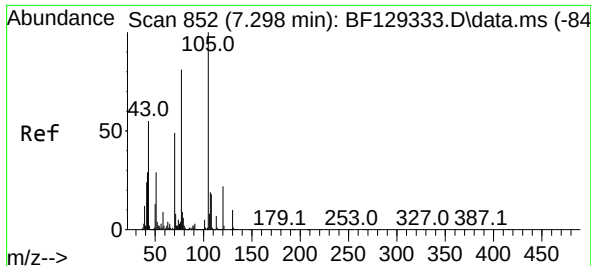


#18
Hexachloroethane
Concen: 41.574 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



Tgt Ion:117 Resp: 272827
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.2
201 92.7 84.6 127.0





#19

n-Nitroso-di-n-propylamine

Concen: 44.554 ng

RT: 7.298 min Scan# 852

Delta R.T. -0.000 min

Lab File: BF129360.D

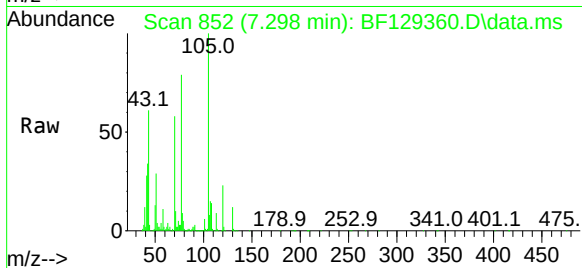
Acq: 26 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MS



Tgt Ion: 70 Resp: 495839

Ion Ratio Lower Upper

70 100

42 57.6 52.3 78.5

101 9.9 7.5 11.3

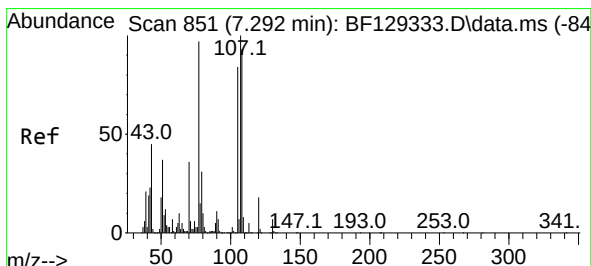
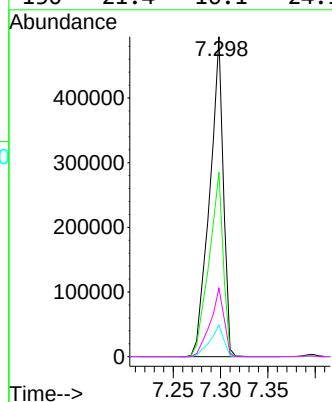
130 21.4 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#20

3+4-Methylphenols

Concen: 39.699 ng

RT: 7.286 min Scan# 850

Delta R.T. -0.006 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

Tgt Ion:107 Resp: 669083

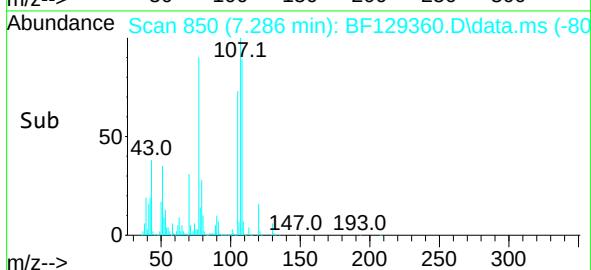
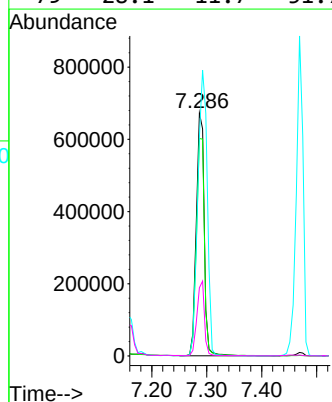
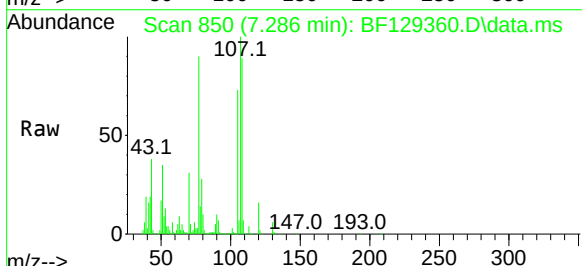
Ion Ratio Lower Upper

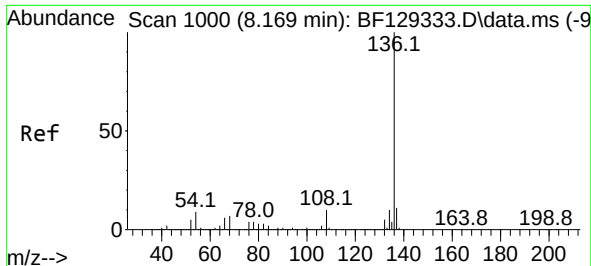
107 100

108 89.5 71.8 111.8

77 90.0 59.3 99.3

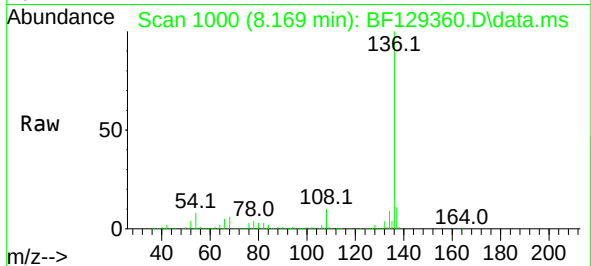
79 28.1 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

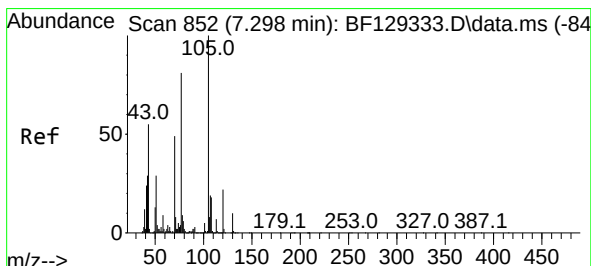
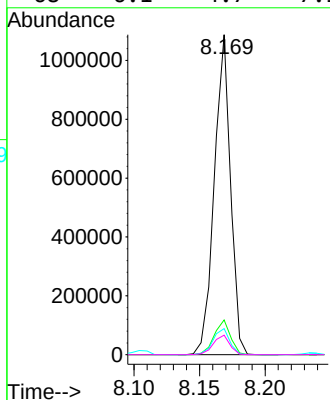
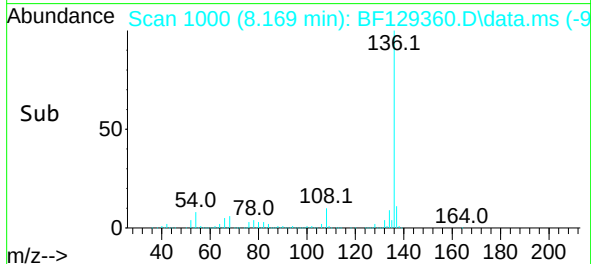
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



Tgt Ion:136 Resp: 932375
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 7.5 11.3
68 6.1 4.7 7.1

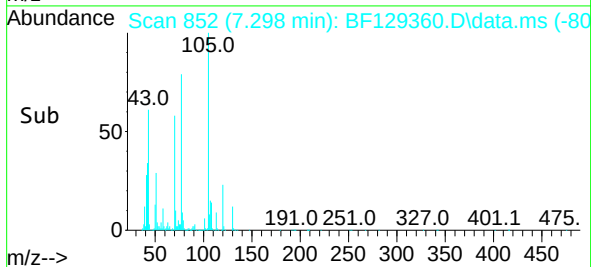
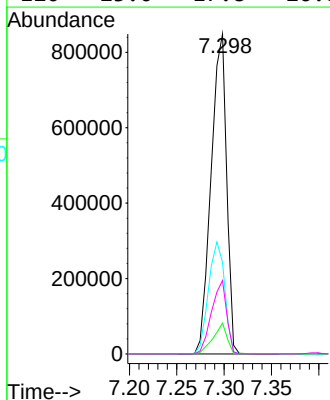
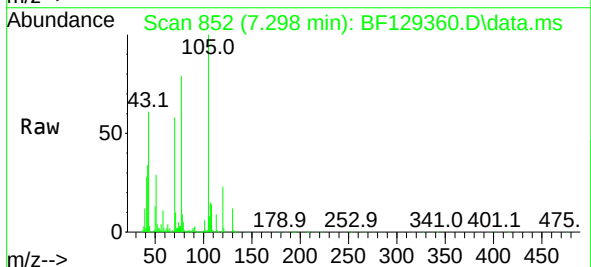
Manual Integrations
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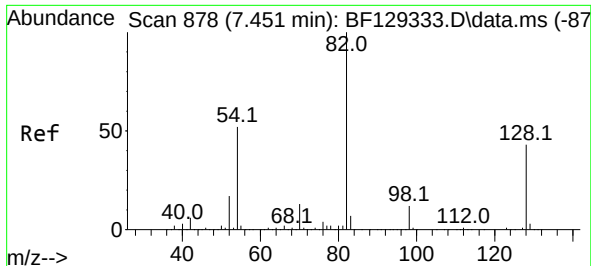
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#22
Acetophenone
Concen: 44.338 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

Tgt Ion:105 Resp: 962457
Ion Ratio Lower Upper
105 100
71 9.7 5.0 7.4#
51 28.7 25.0 37.4
120 23.0 17.8 26.8





#23

Nitrobenzene-d5

Concen: 81.598 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MS

Tgt Ion: 82 Resp: 139369

Ion Ratio Lower Upper

82 100

128 44.7 34.0 51.0

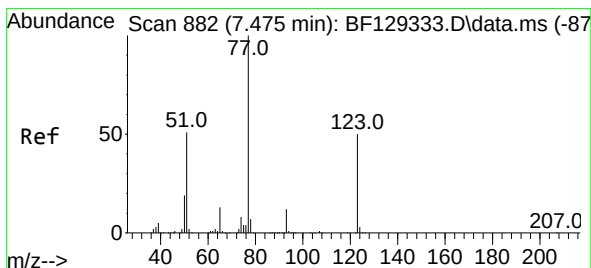
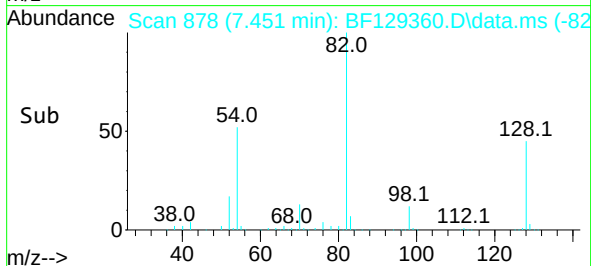
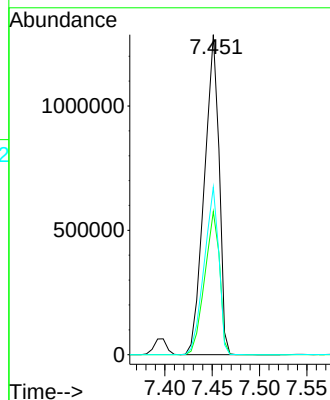
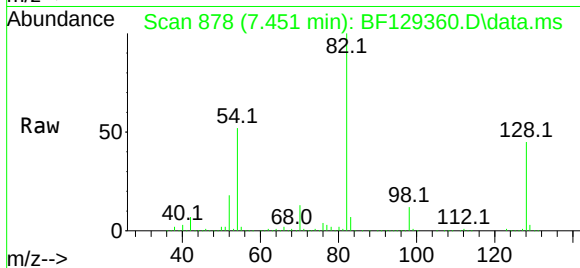
54 52.4 46.9 70.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#24

Nitrobenzene

Concen: 43.683 ng

RT: 7.469 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

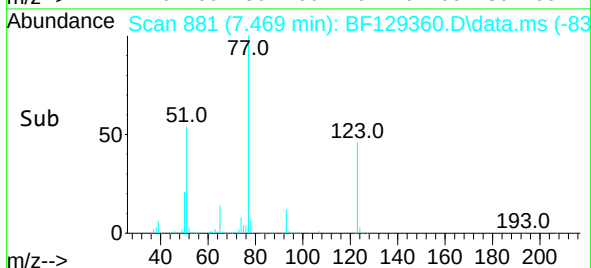
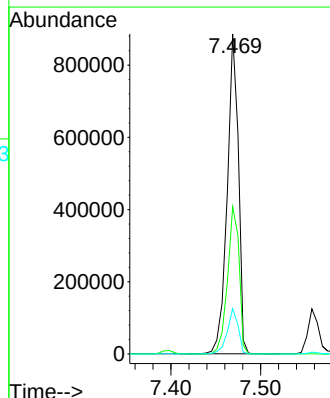
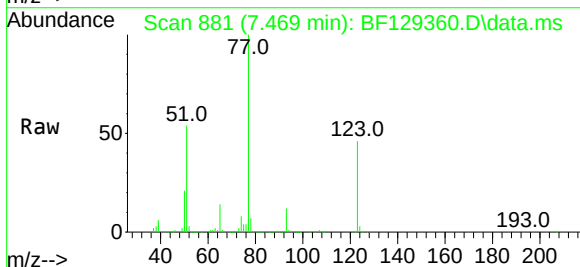
Tgt Ion: 77 Resp: 768316

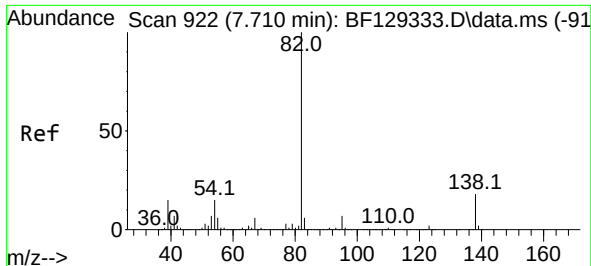
Ion Ratio Lower Upper

77 100

123 46.0 35.4 53.2

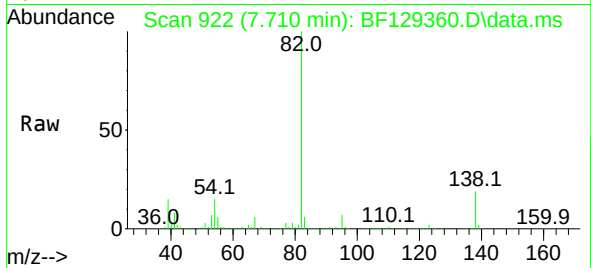
65 14.2 11.8 17.8





#25
Isophorone
Concen: 46.617 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

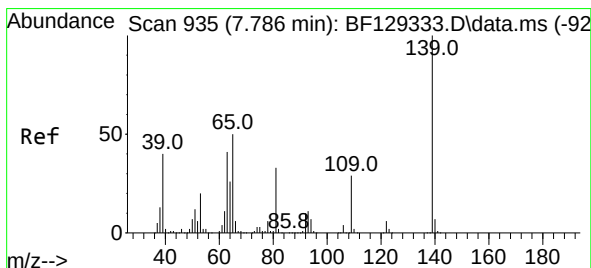
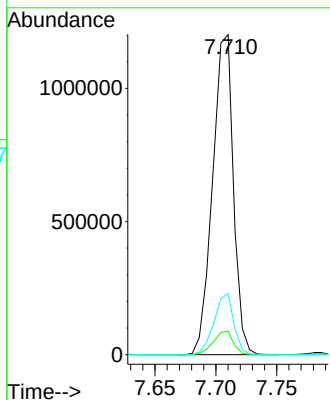
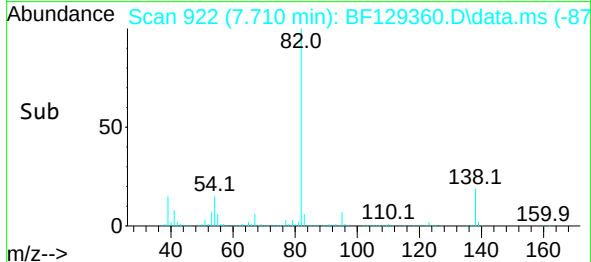
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



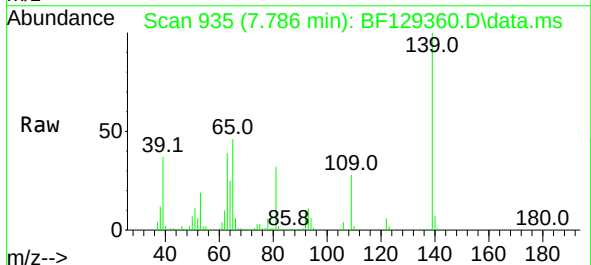
Tgt Ion: 82 Resp: 142723
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.1 14.2 21.2

Manual Integrations
APPROVED

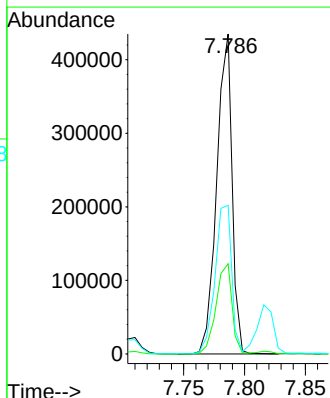
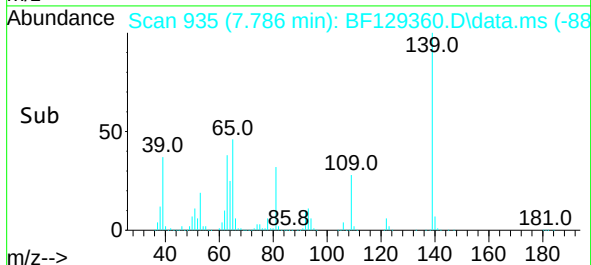
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

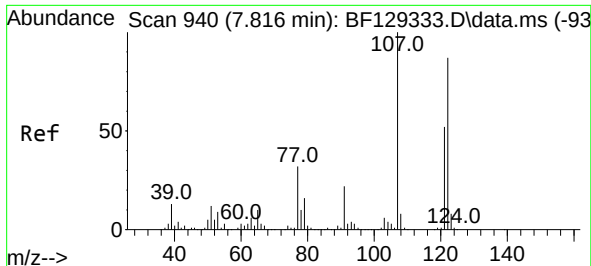


#26
2-Nitrophenol
Concen: 44.013 ng
RT: 7.786 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



Tgt Ion:139 Resp: 381896
Ion Ratio Lower Upper
139 100
109 28.2 25.0 37.4
65 46.4 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 49.582 ng m

RT: 7.816 min Scan# 940

Delta R.T. -0.000 min

Lab File: BF129360.D

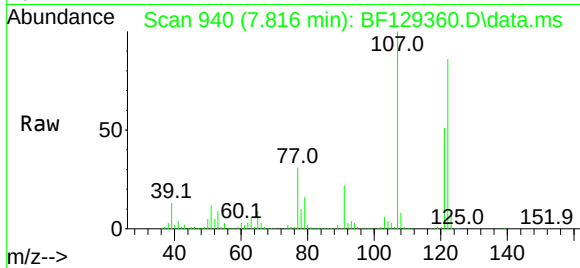
Acq: 26 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MS



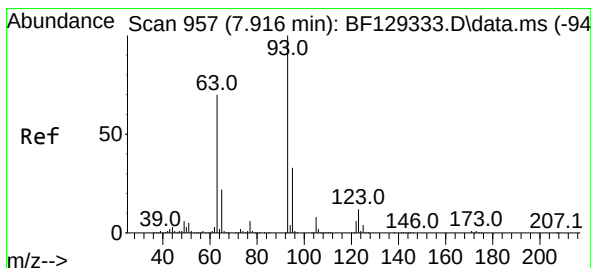
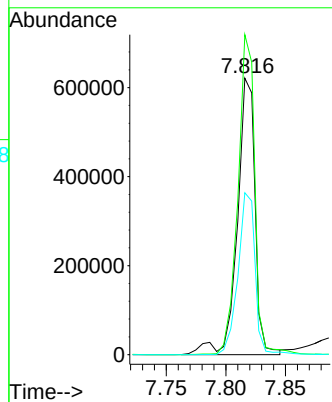
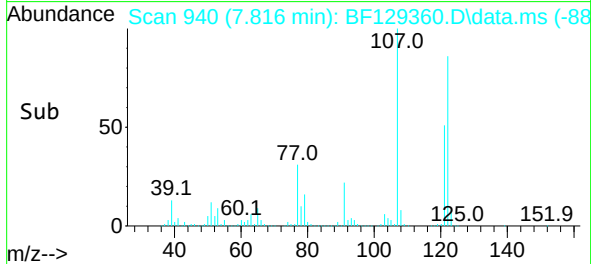
Tgt Ion:	122	Resp:	645324
Ion Ratio	Lower	Upper	
122	100		
107	115.8	93.0	139.6
121	58.6	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.165 ng

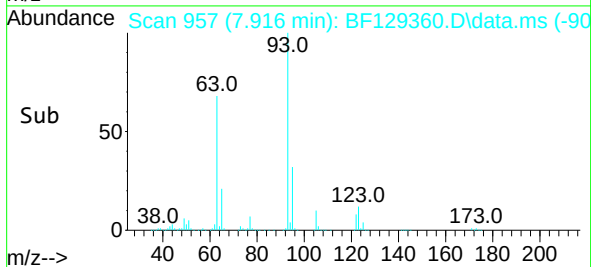
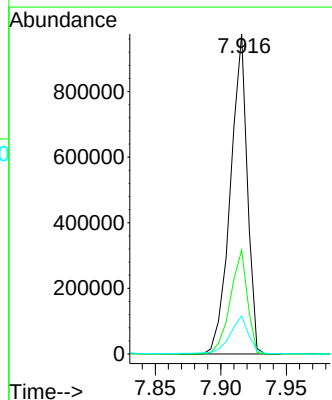
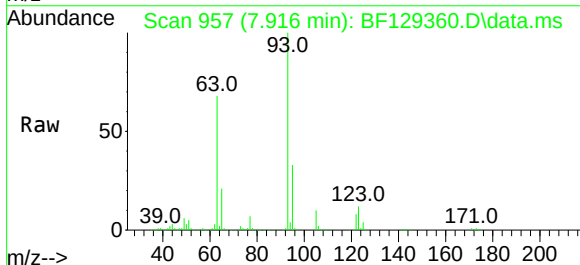
RT: 7.916 min Scan# 957

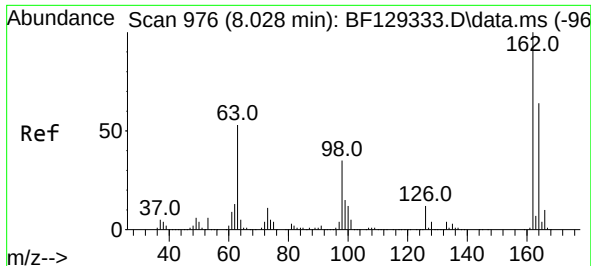
Delta R.T. -0.000 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

Tgt Ion:	93	Resp:	873196
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.8	40.2
123	11.9	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 43.984 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129360.D

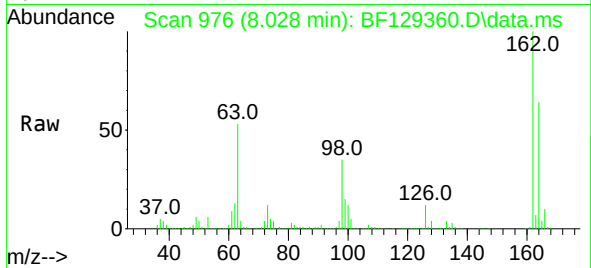
Acq: 26 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MS



Tgt Ion:162 Resp: 59086

Ion Ratio Lower Upper

162 100

164 64.3 44.2 84.2

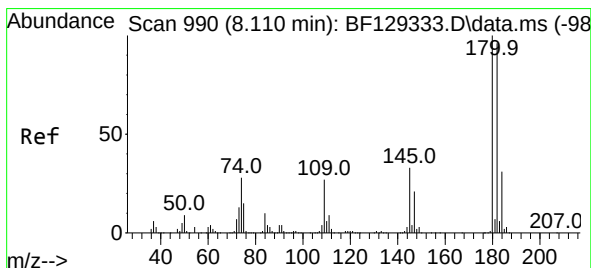
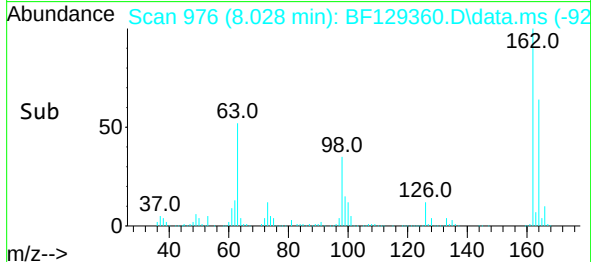
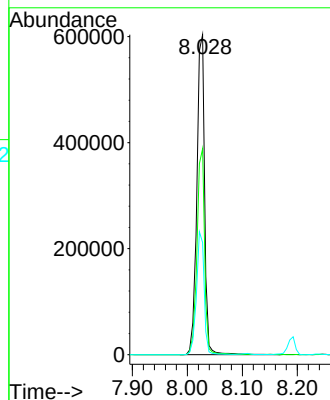
98 35.1 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.431 ng

RT: 8.110 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

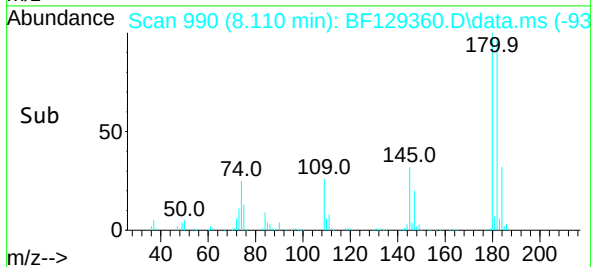
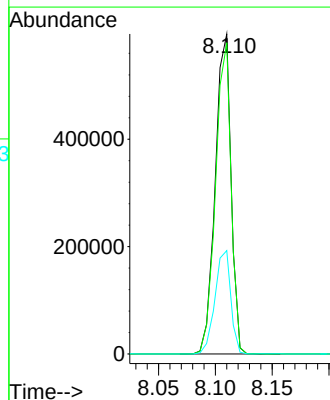
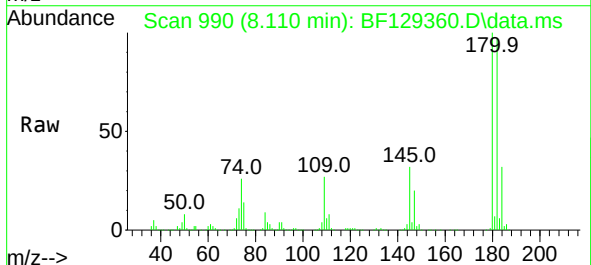
Tgt Ion:180 Resp: 576096

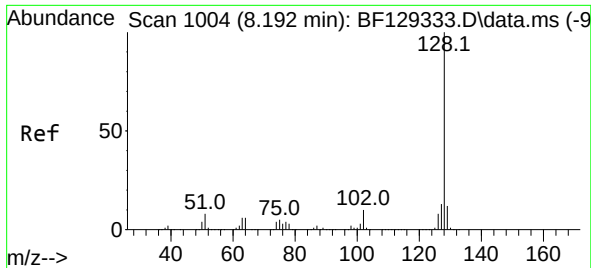
Ion Ratio Lower Upper

180 100

182 97.2 79.2 118.8

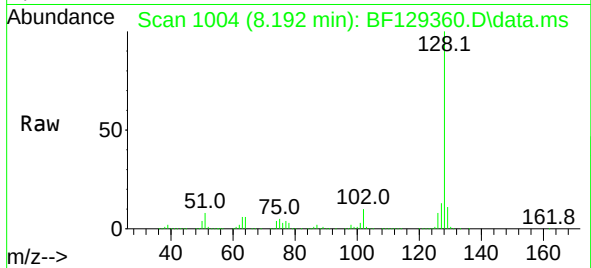
145 32.3 26.2 39.2





#31
Naphthalene
Concen: 42.078 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

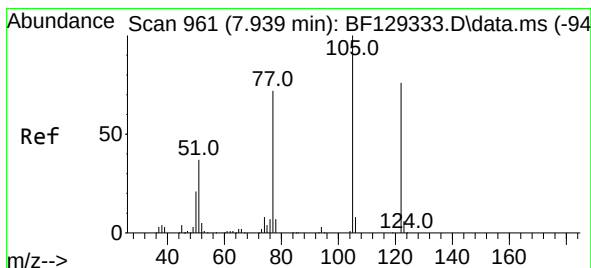
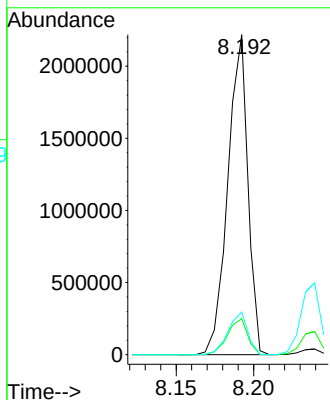
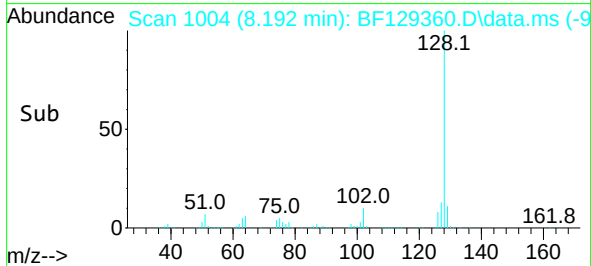
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



Tgt Ion:128 Resp: 1993264
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.3 10.5 15.7

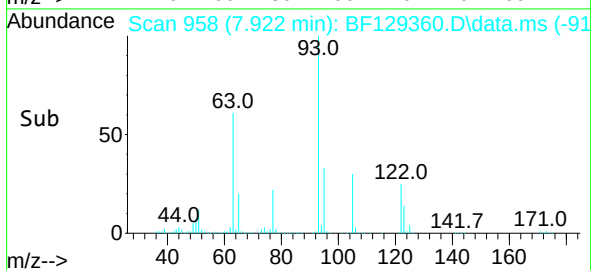
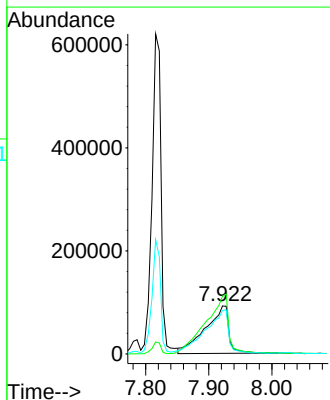
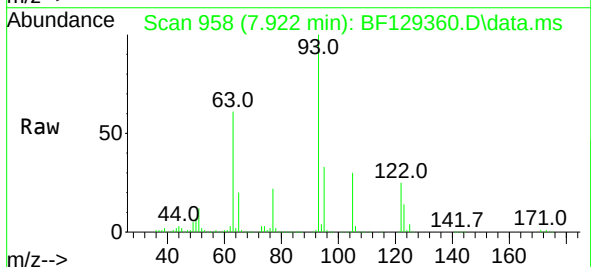
Manual Integrations
APPROVED

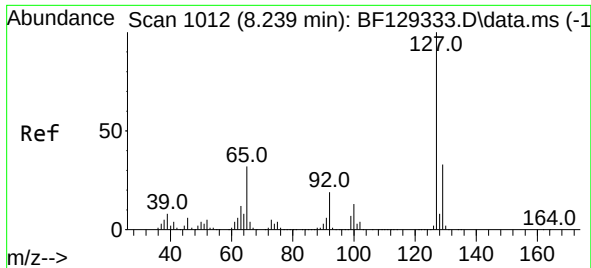
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#32
Benzoic acid
Concen: 25.363 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.018 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

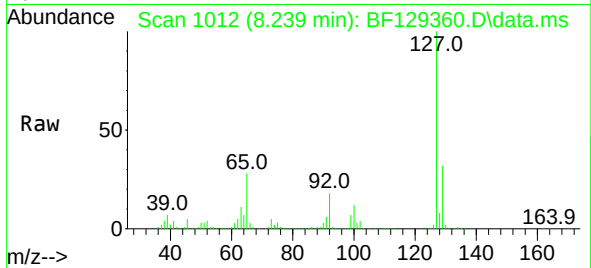
Tgt Ion:122 Resp: 238646
Ion Ratio Lower Upper
122 100
105 120.4 107.1 147.1
77 90.8 74.2 114.2





#33
4-Chloroaniline
Concen: 24.545 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

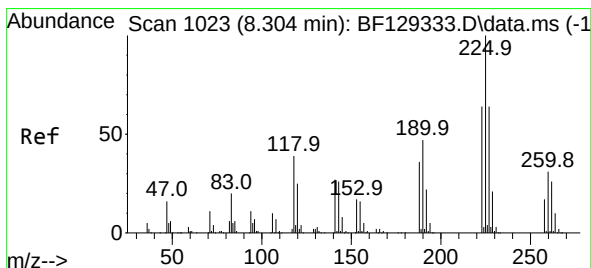
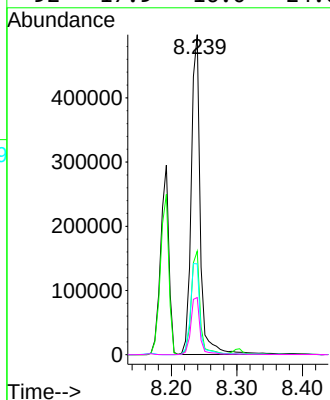
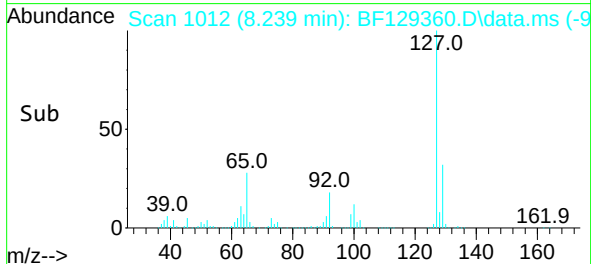
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



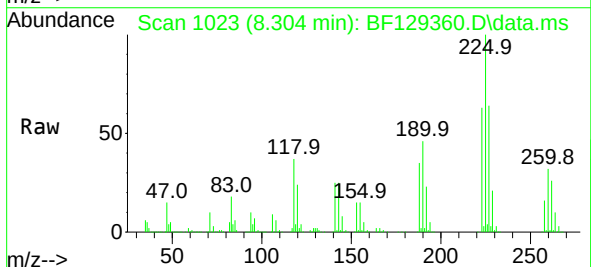
Tgt Ion:127 Resp: 477350
Ion Ratio Lower Upper
127 100
129 32.4 26.4 39.6
65 28.4 26.4 39.6
92 17.9 16.0 24.0

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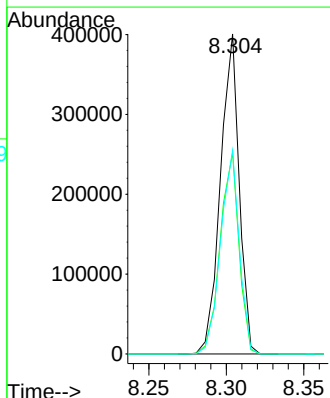
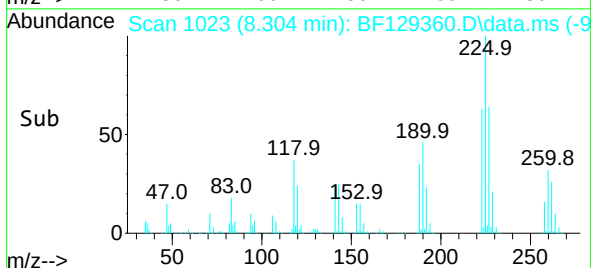
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

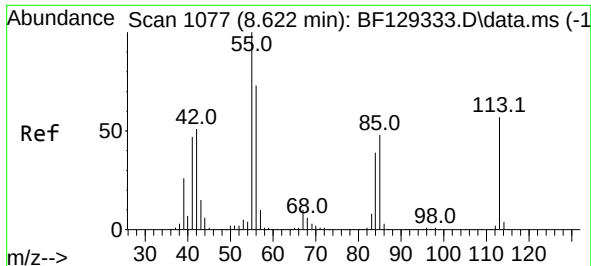


#34
Hexachlorobutadiene
Concen: 42.501 ng
RT: 8.304 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



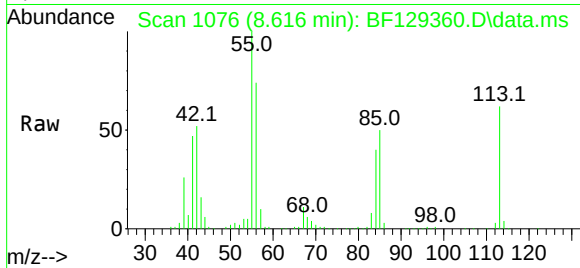
Tgt Ion:225 Resp: 335925
Ion Ratio Lower Upper
225 100
223 62.9 51.0 76.6
227 63.6 51.1 76.7





#35
Caprolactam
Concen: 38.007 ng m
RT: 8.616 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

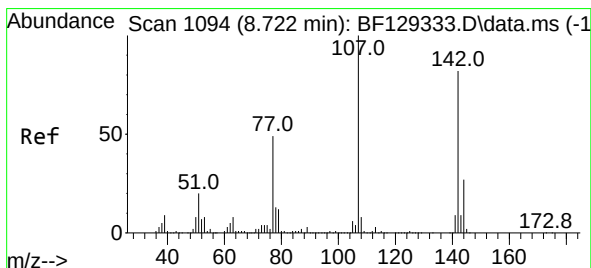
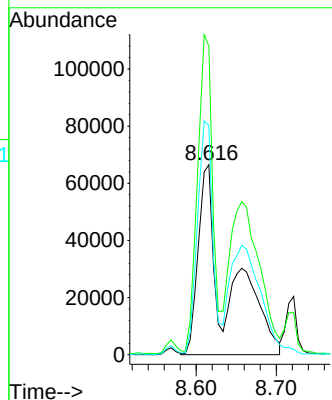
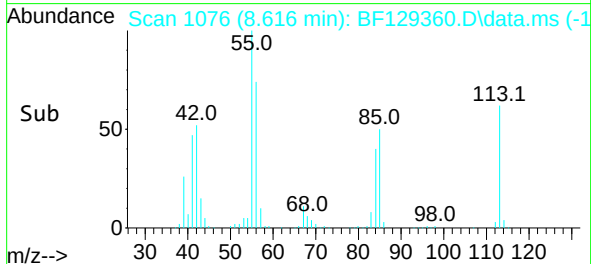
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



Tgt Ion:113 Resp: 165990
Ion Ratio Lower Upper
113 100
55 162.5 188.5 228.5
56 120.6 130.6 170.6

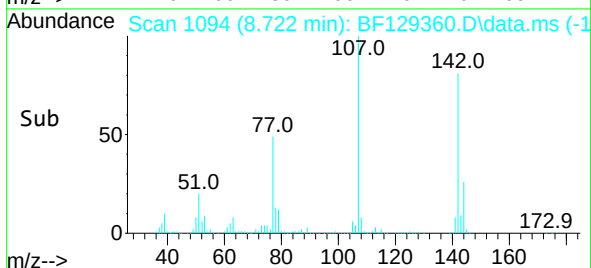
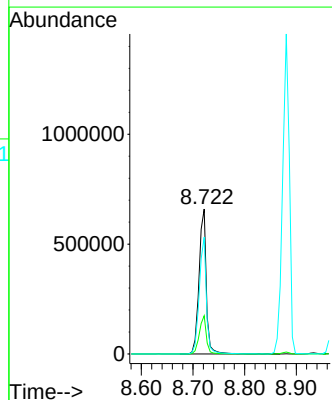
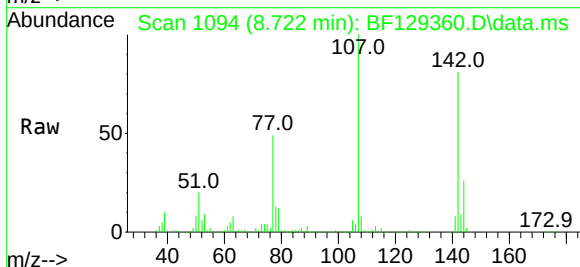
Manual Integrations
APPROVED

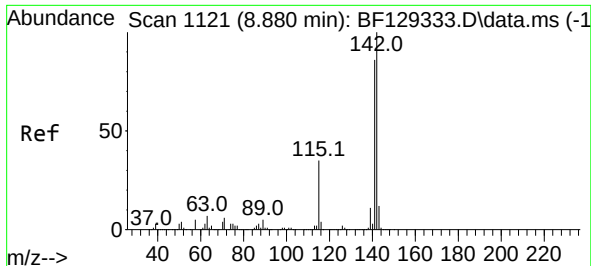
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#36
4-Chloro-3-methylphenol
Concen: 45.170 ng
RT: 8.722 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

Tgt Ion:107 Resp: 643581
Ion Ratio Lower Upper
107 100
144 26.4 19.5 29.3
142 80.6 58.2 87.4





#37

2-Methylnaphthalene

Concen: 42.999 ng

RT: 8.880 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MS

Tgt Ion:142 Resp: 132366

Ion Ratio Lower Upper

142 100

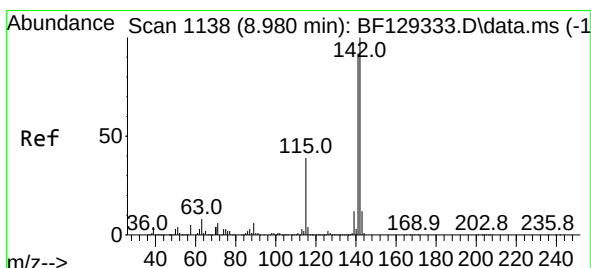
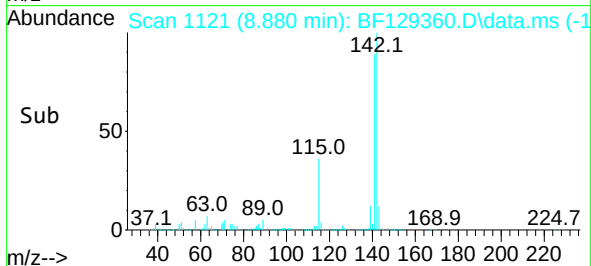
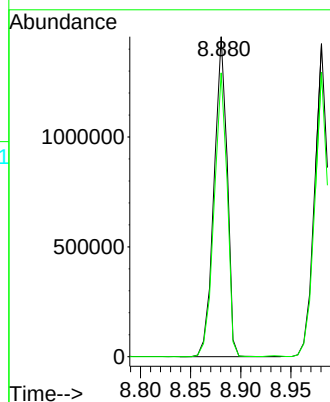
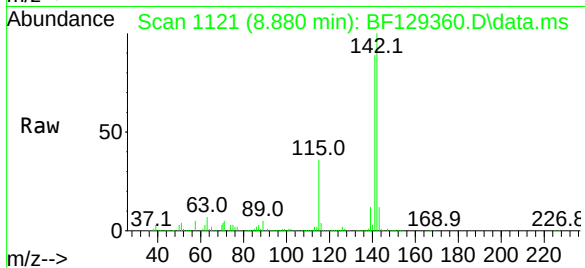
141 88.7 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#38

1-Methylnaphthalene

Concen: 42.323 ng

RT: 8.980 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF129360.D

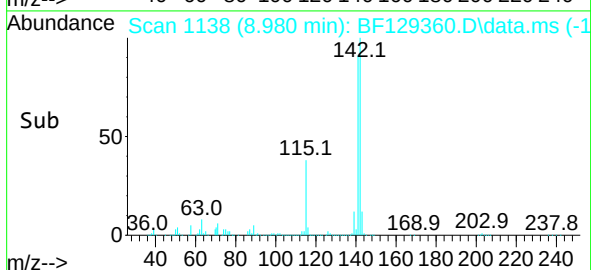
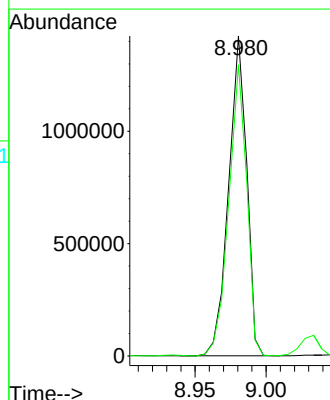
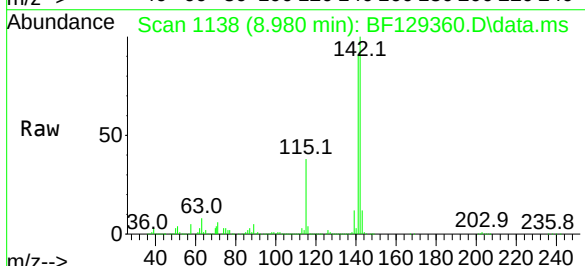
Acq: 26 Jul 2022 17:44

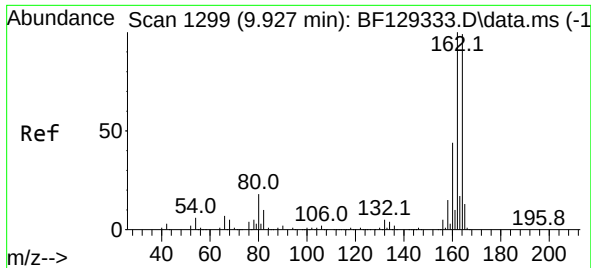
Tgt Ion:142 Resp: 1257718

Ion Ratio Lower Upper

142 100

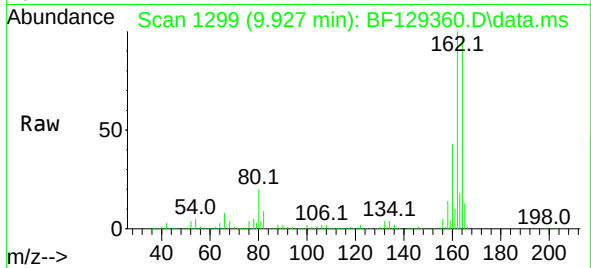
141 91.0 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

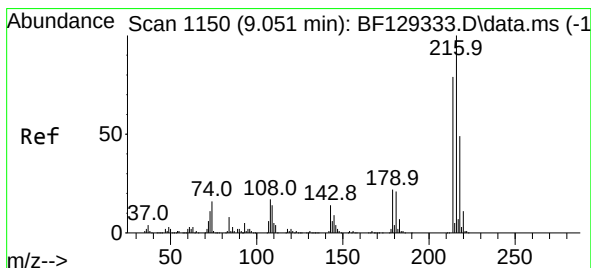
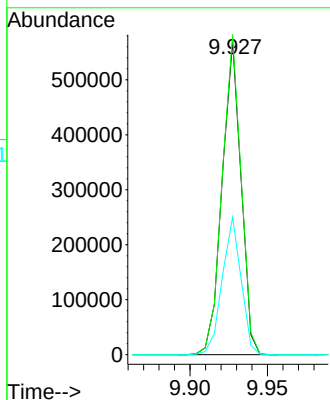
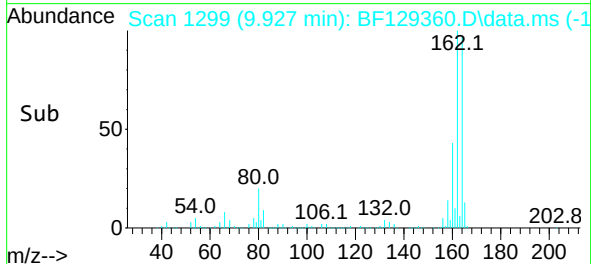
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



Tgt Ion:164 Resp: 484080
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 43.8 34.2 51.4

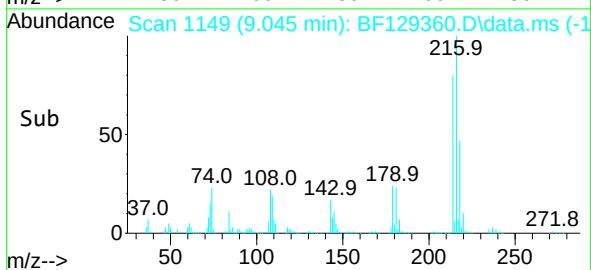
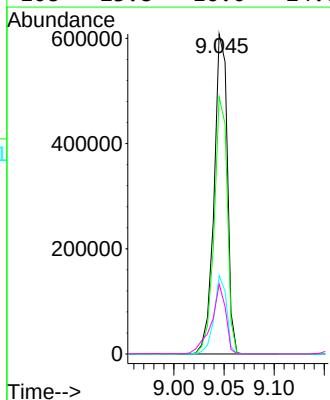
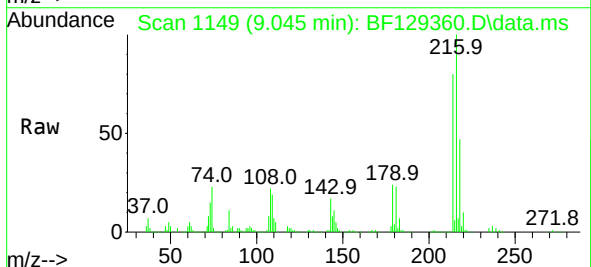
Manual Integrations
APPROVED

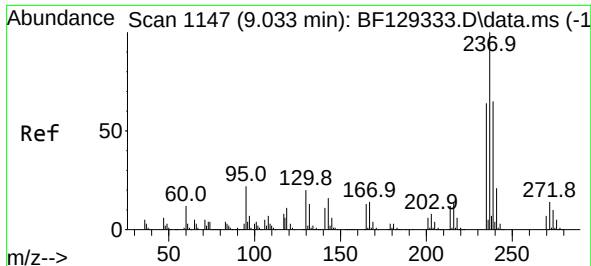
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.984 ng
RT: 9.045 min Scan# 1149
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

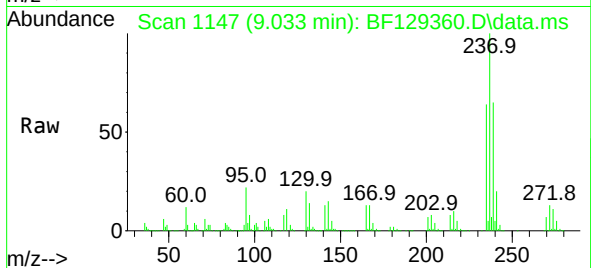
Tgt Ion:216 Resp: 559088
Ion Ratio Lower Upper
216 100
214 79.6 63.6 95.4
179 23.1 17.0 25.6
108 23.8 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 106.196 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

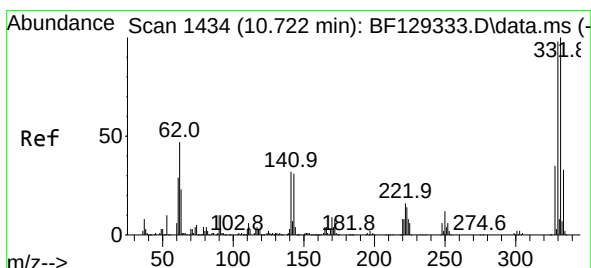
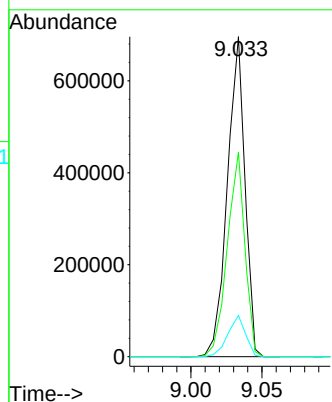
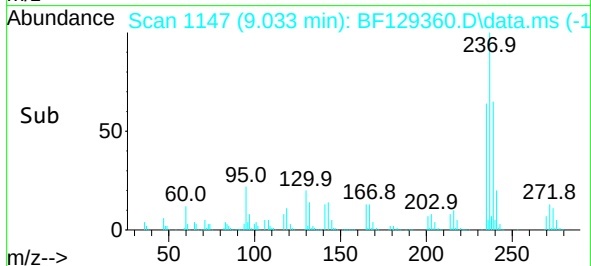
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



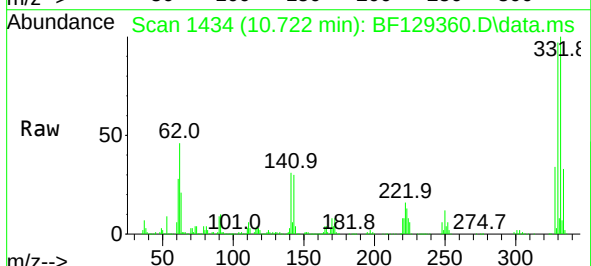
Tgt Ion:237 Resp: 601082
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 12.9 0.0 31.9

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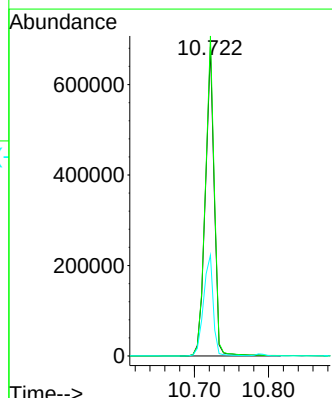
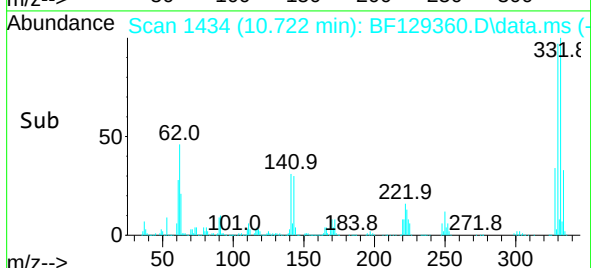
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

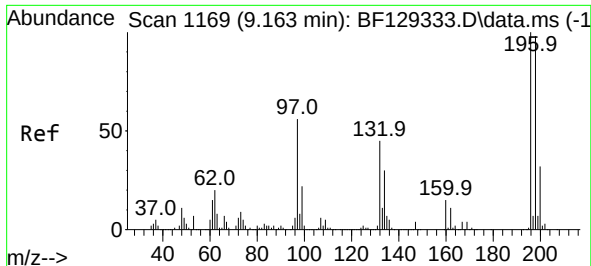


#42
2,4,6-Tribromophenol
Concen: 123.928 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



Tgt Ion:330 Resp: 576777
Ion Ratio Lower Upper
330 100
332 103.8 76.8 115.2
141 35.2 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 43.170 ng

RT: 9.157 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF129360.D

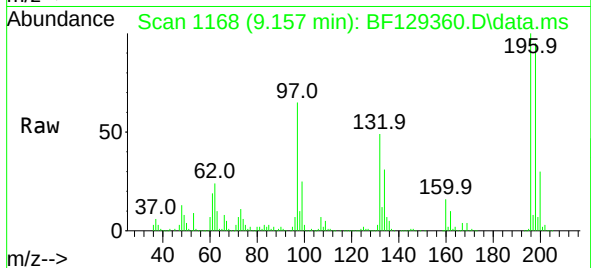
Acq: 26 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MS



Tgt Ion:196 Resp: 39855

Ion Ratio Lower Upper

196 100

198 94.7 74.0 111.0

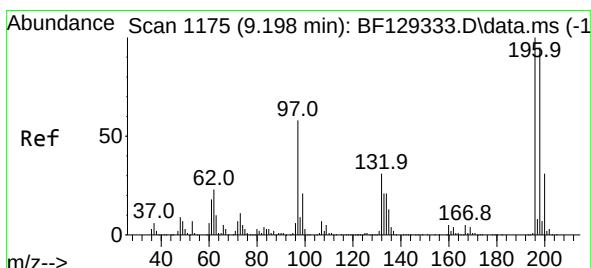
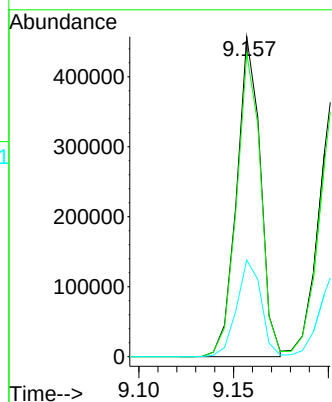
200 30.2 24.1 36.1

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: 43.363 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

Tgt Ion:196 Resp: 435355

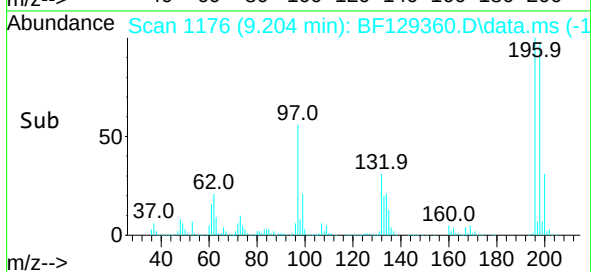
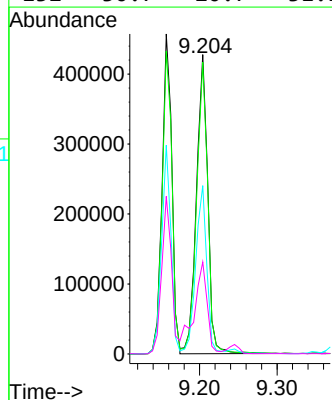
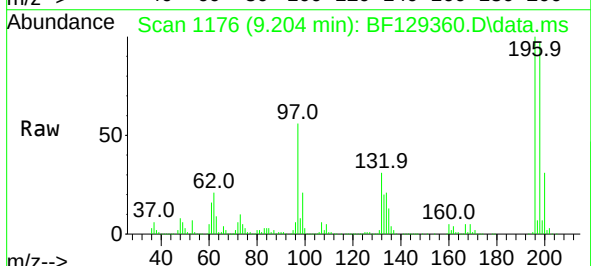
Ion Ratio Lower Upper

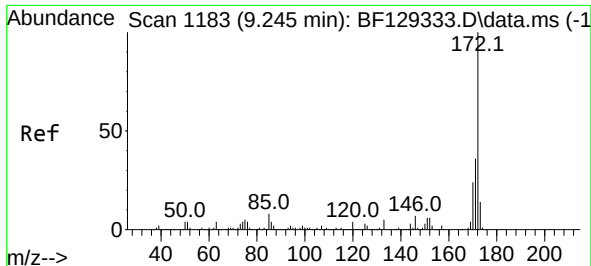
196 100

198 97.4 75.7 113.5

97 56.2 36.4 54.6#

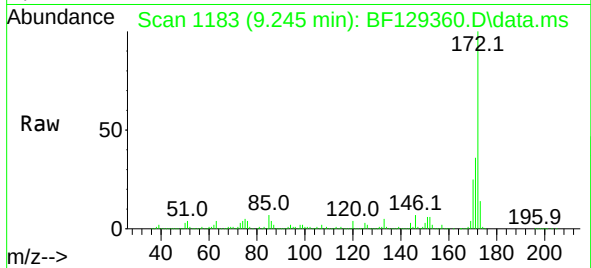
132 30.7 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 74.738 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

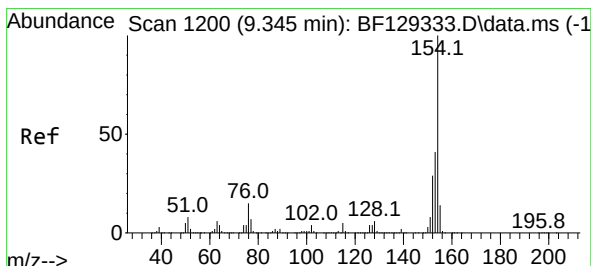
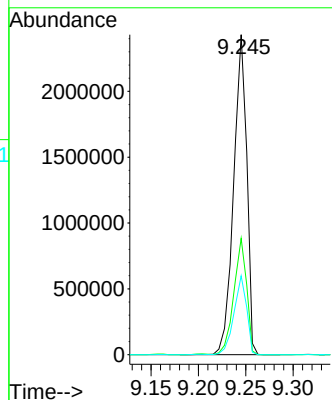
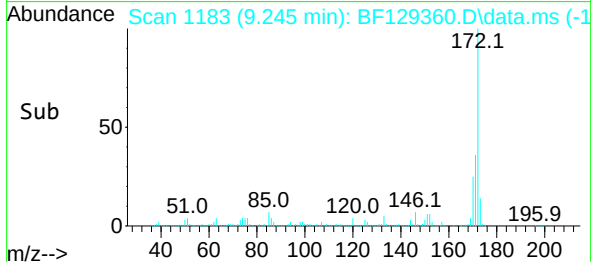
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



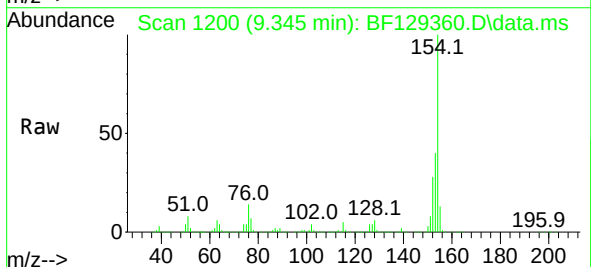
Tgt Ion:172 Resp: 233878
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.7 19.8 29.8

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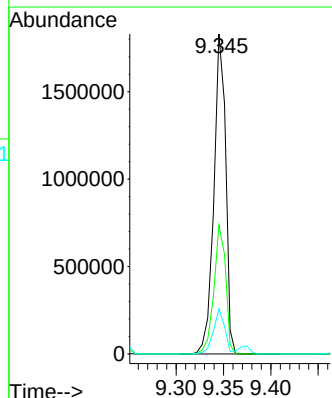
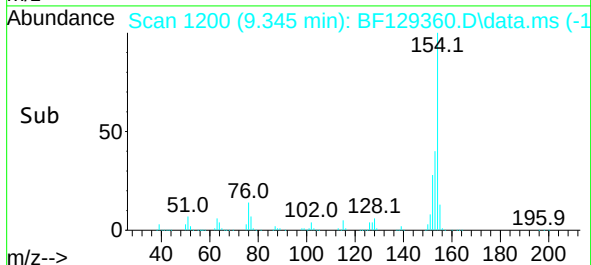
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

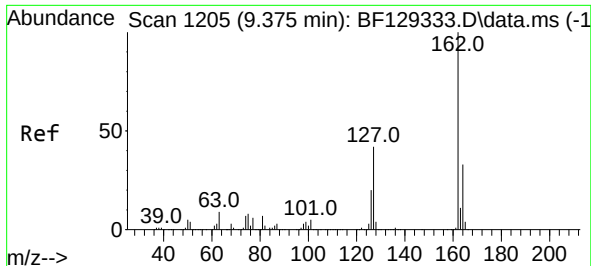


#46
1,1'-Biphenyl
Concen: 44.639 ng
RT: 9.345 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



Tgt Ion:154 Resp: 1577027
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 14.1 0.0 33.3





#47

2-Chloronaphthalene

Concen: 43.819 ng

RT: 9.375 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MS

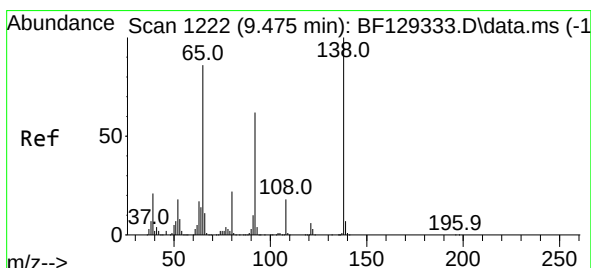
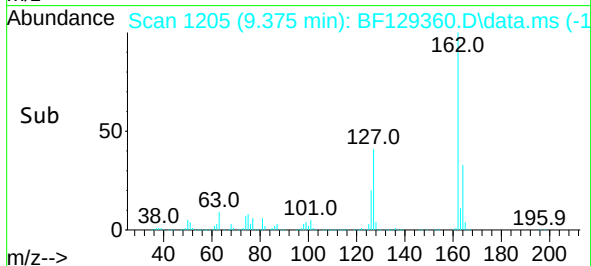
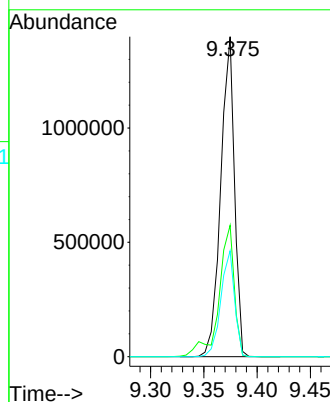
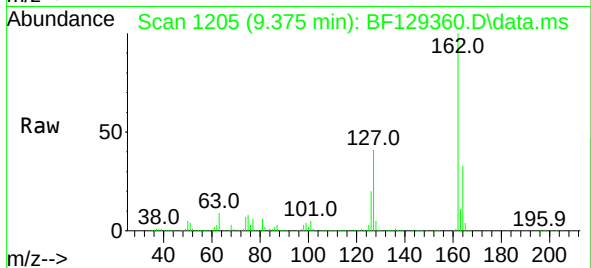
Tgt Ion:162 Resp: 125144

Ion	Ratio	Lower	Upper
162	100		
127	41.0	34.5	51.7
164	33.1	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: 44.832 ng

RT: 9.469 min Scan# 1221

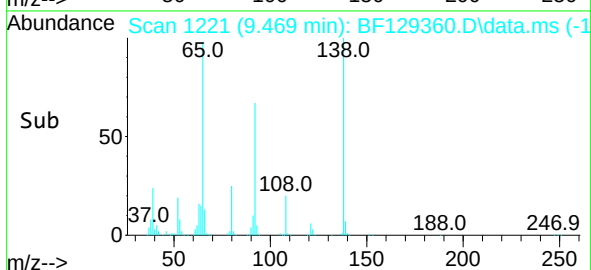
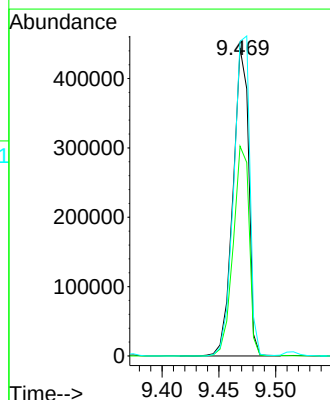
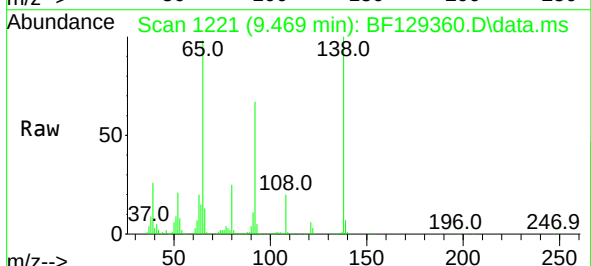
Delta R.T. -0.006 min

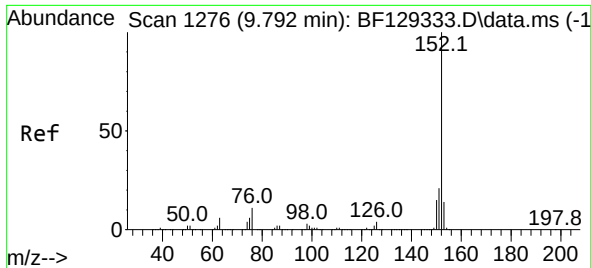
Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

Tgt Ion: 65 Resp: 425758

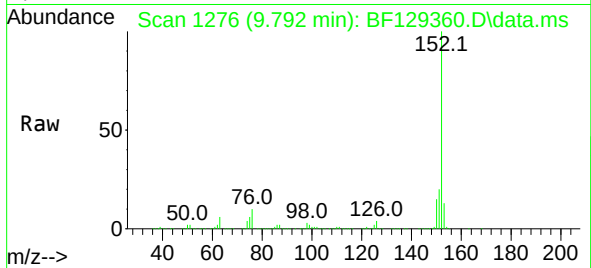
Ion	Ratio	Lower	Upper
65	100		
92	68.1	51.9	77.9
138	102.1	76.4	114.6





#49
Acenaphthylene
Concen: 43.729 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

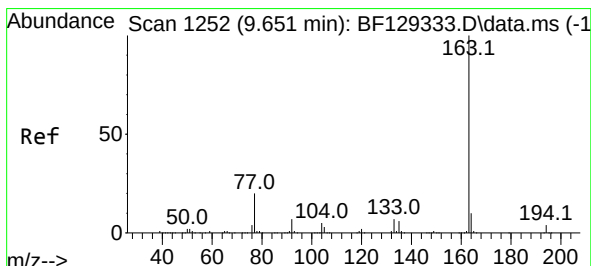
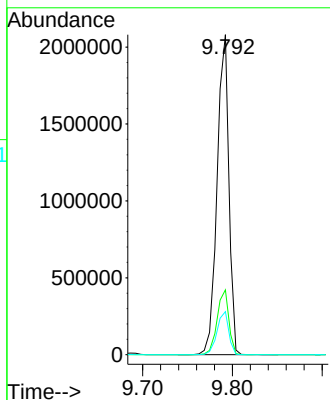
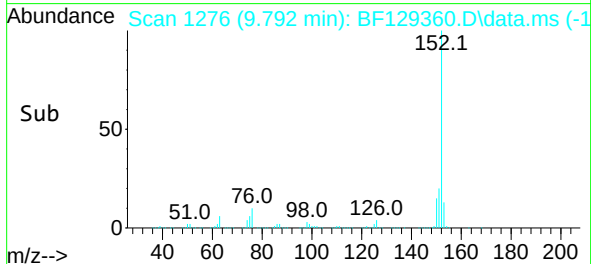
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



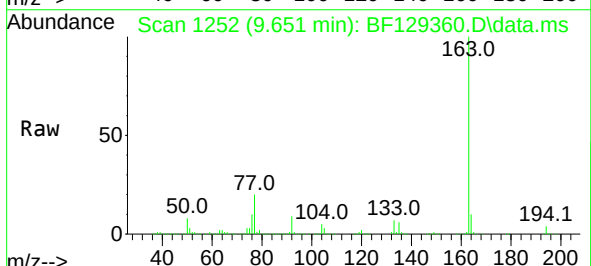
Tgt Ion:152 Resp: 189767
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.4 10.7 16.1

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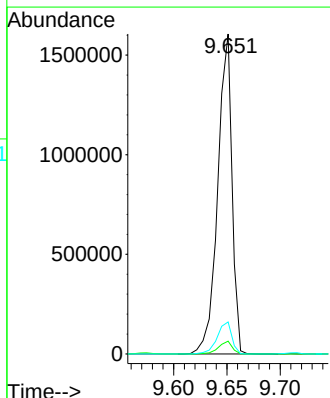
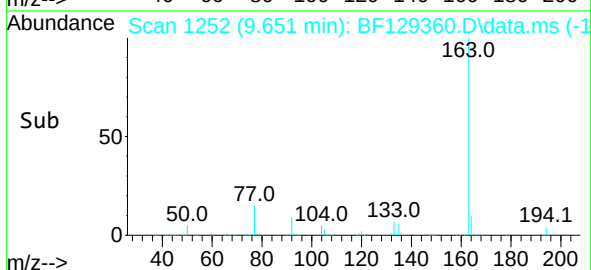
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

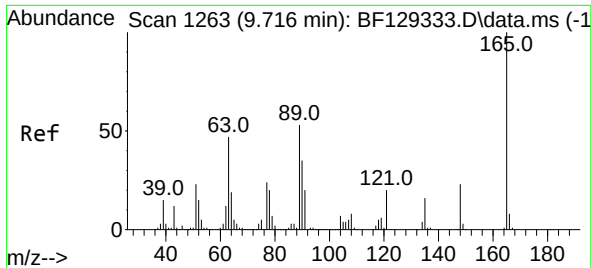


#50
Dimethylphthalate
Concen: 44.596 ng
RT: 9.651 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



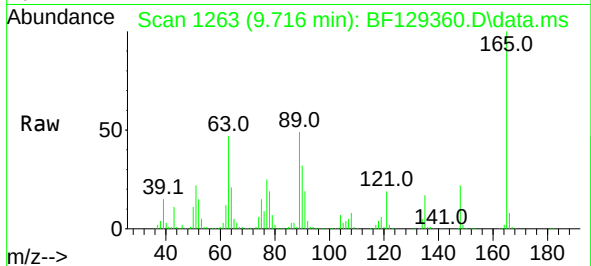
Tgt Ion:163 Resp: 1490323
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 46.154 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

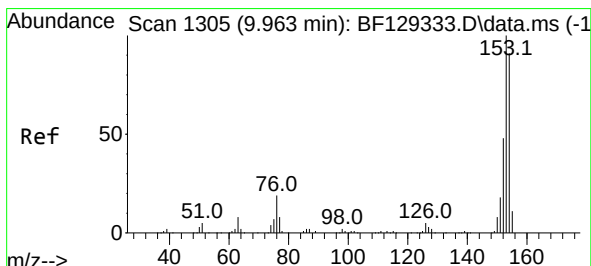
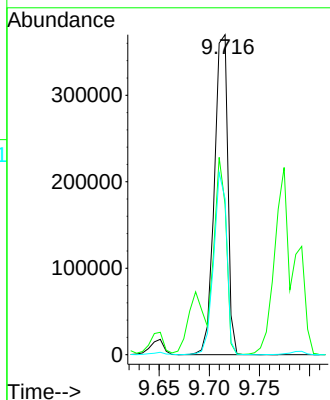
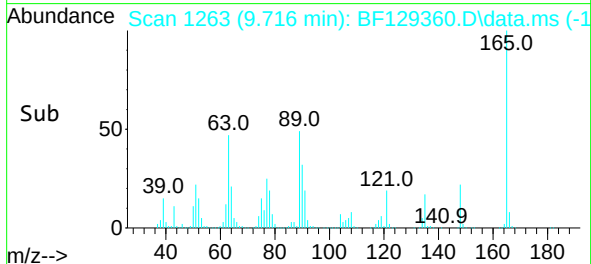
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



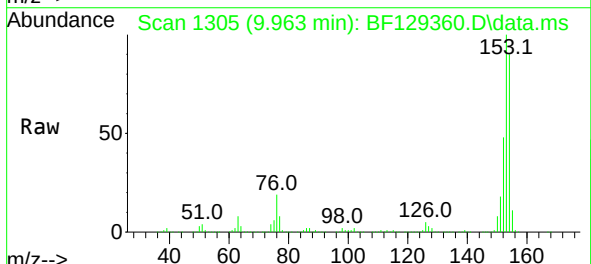
Tgt Ion:165 Resp: 345217
Ion Ratio Lower Upper
165 100
63 47.0 44.9 67.3
89 48.7 43.6 65.4

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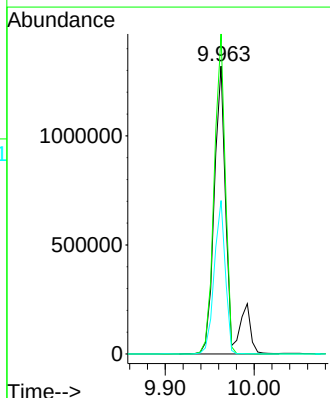
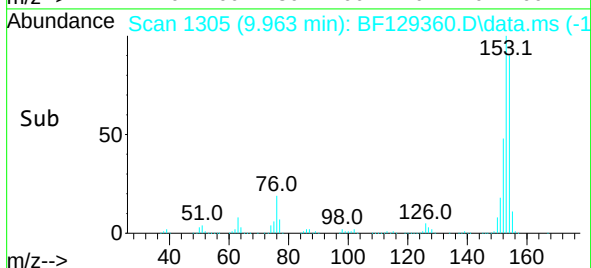
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

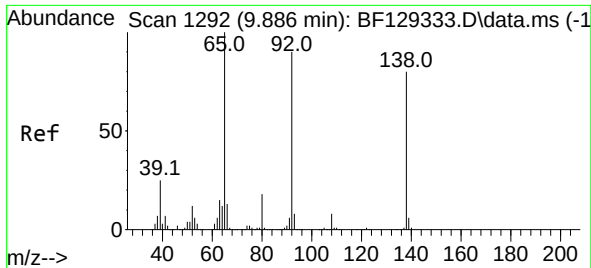


#52
Acenaphthene
Concen: 46.832 ng m
RT: 9.963 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



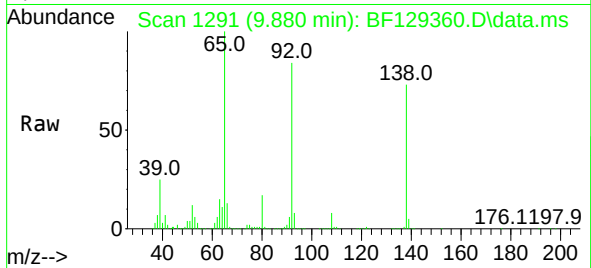
Tgt Ion:154 Resp: 1327397
Ion Ratio Lower Upper
154 100
153 111.2 89.6 134.4
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 32.212 ng
RT: 9.880 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

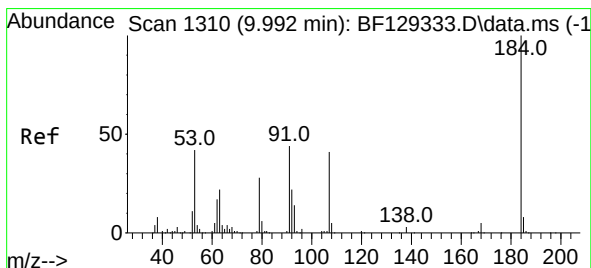
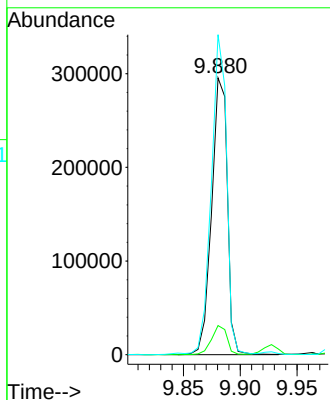
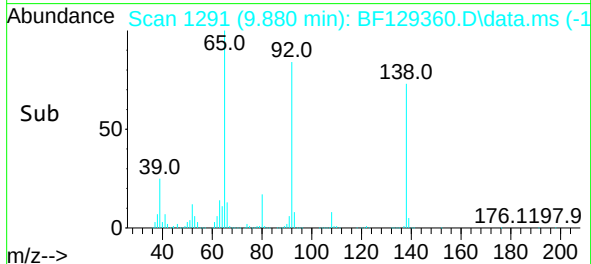
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



Tgt Ion:138 Resp: 284504
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3
92 115.6 98.2 147.2

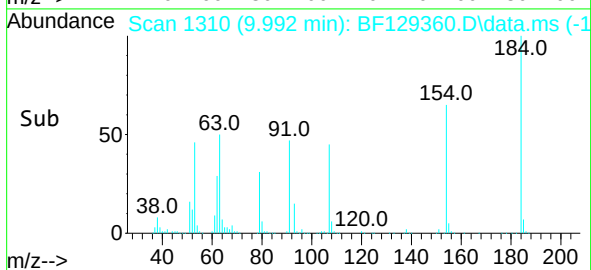
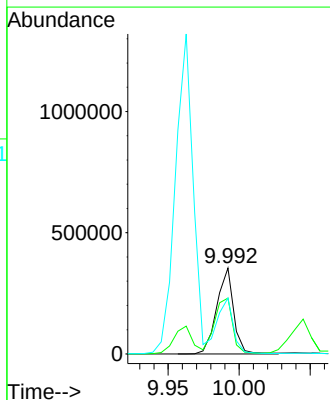
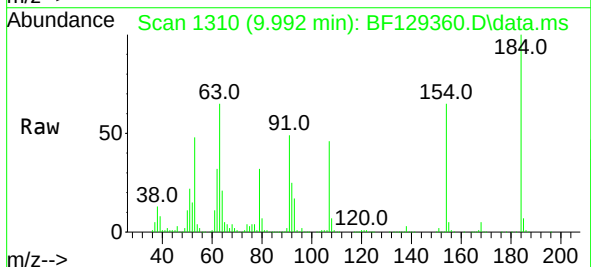
Manual Integrations
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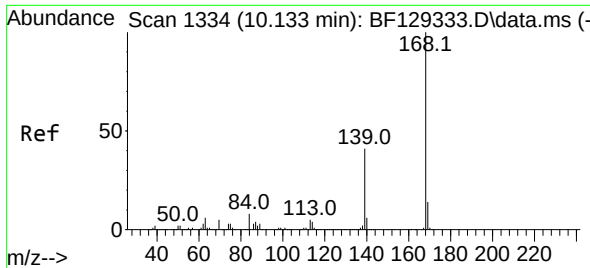
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#54
2,4-Dinitrophenol
Concen: 76.758 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

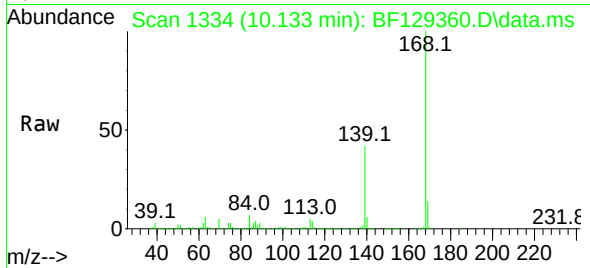
Tgt Ion:184 Resp: 293088
Ion Ratio Lower Upper
184 100
63 65.0 64.5 96.7
154 65.0 50.6 75.8





#55
Dibenzenofuran
Concen: 43.780 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

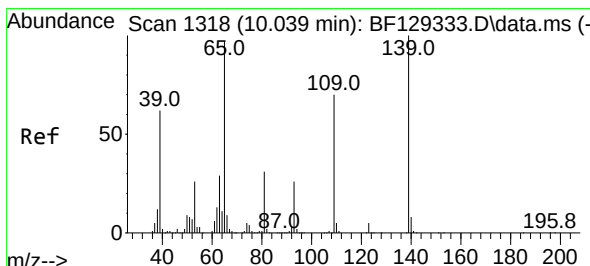
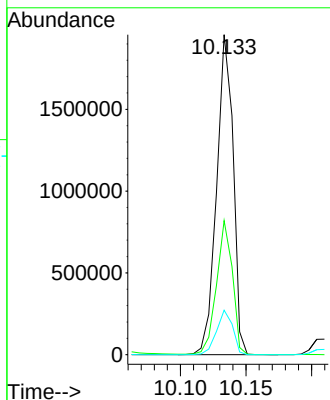
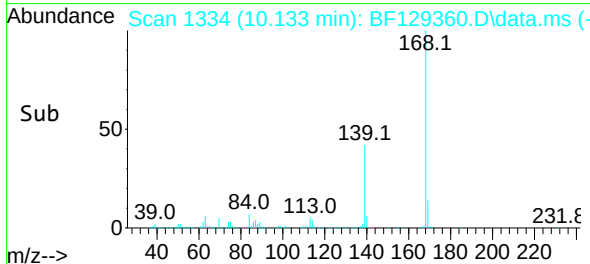
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



Tgt Ion:168 Resp: 171061
Ion Ratio Lower Upper
168 100
139 41.9 30.6 46.0
169 13.9 11.0 16.6

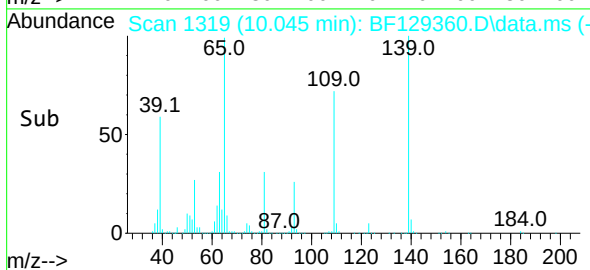
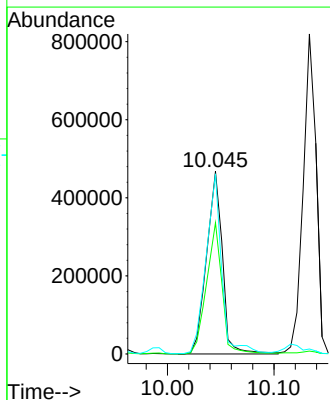
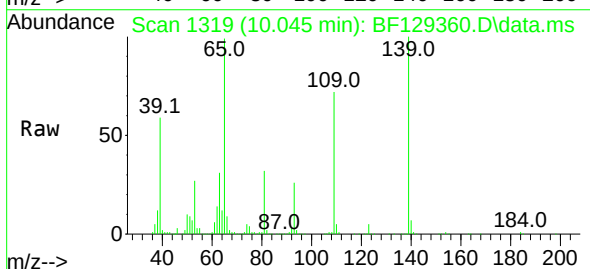
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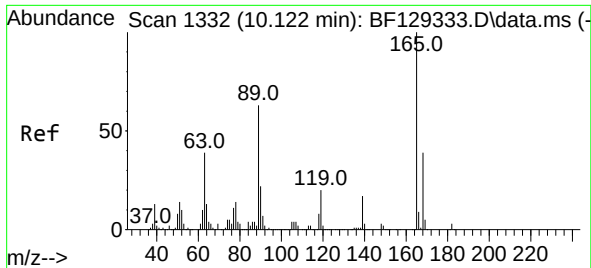
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#56
4-Nitrophenol
Concen: 74.658 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

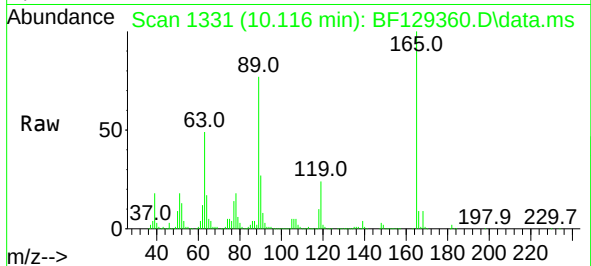
Tgt Ion:139 Resp: 486469
Ion Ratio Lower Upper
139 100
109 71.9 50.7 90.7
65 98.7 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 45.298 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

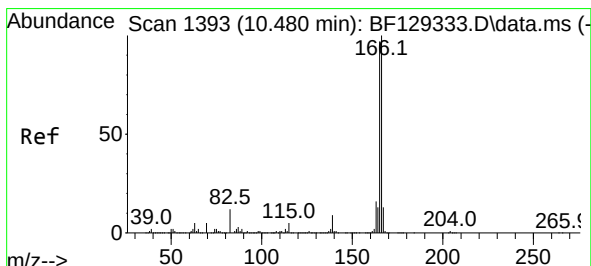
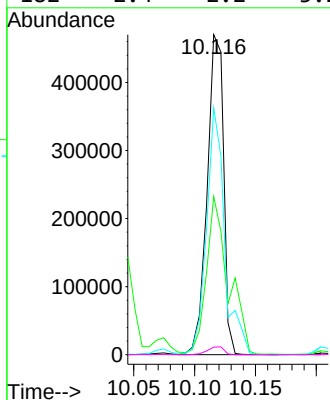
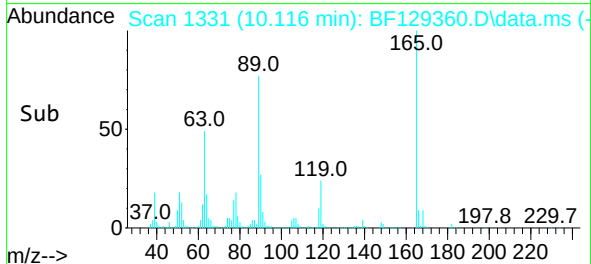
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



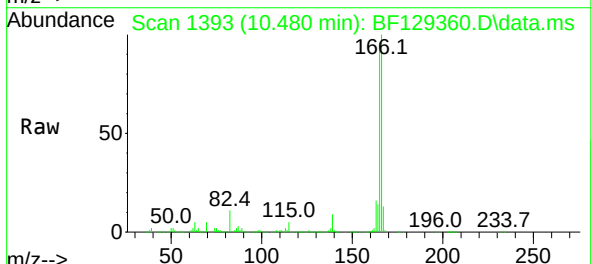
Tgt Ion:165 Resp: 442609
Ion Ratio Lower Upper
165 100
63 49.4 39.8 59.6
89 77.1 60.2 90.2
182 2.4 2.2 3.2

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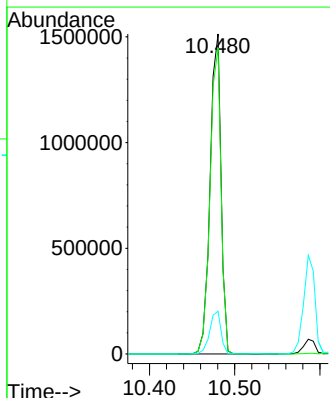
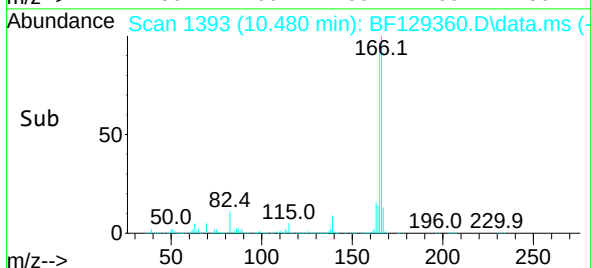
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

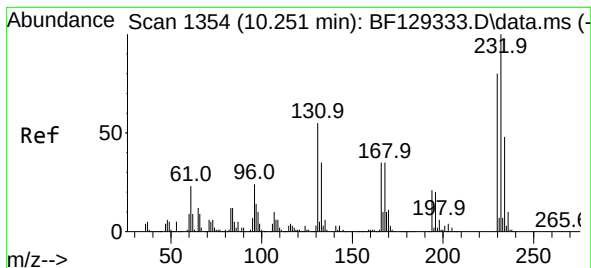


#58
Fluorene
Concen: 43.148 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



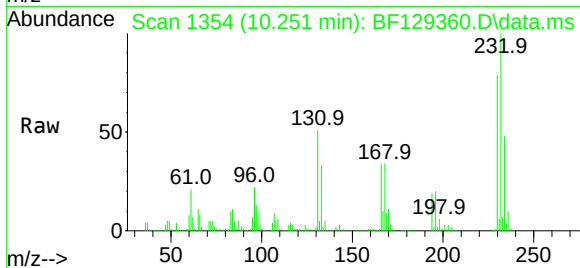
Tgt Ion:166 Resp: 1348949
Ion Ratio Lower Upper
166 100
165 95.6 78.1 117.1
167 13.4 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.364 ng
RT: 10.251 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

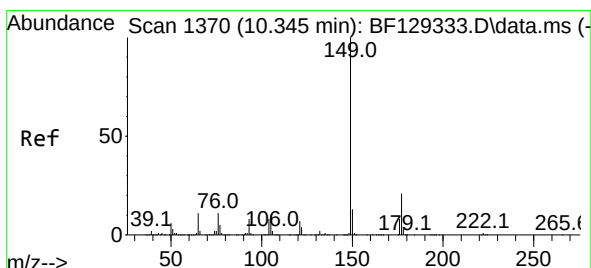
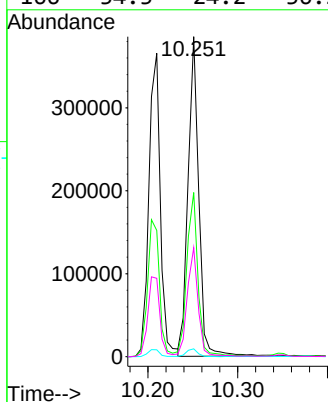
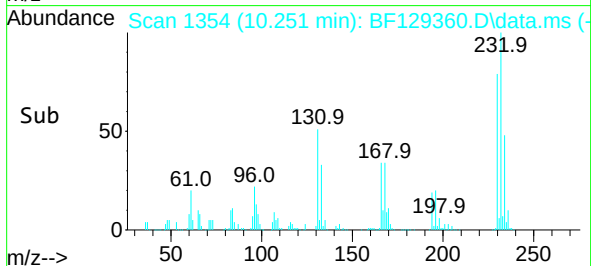
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



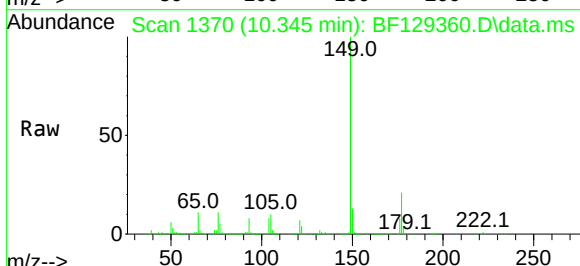
Tgt Ion:232 Resp: 320920
Ion Ratio Lower Upper
232 100
131 52.7 36.1 54.1
130 2.6 1.8 2.8
166 34.3 24.2 36.2

Manual Integrations
APPROVED

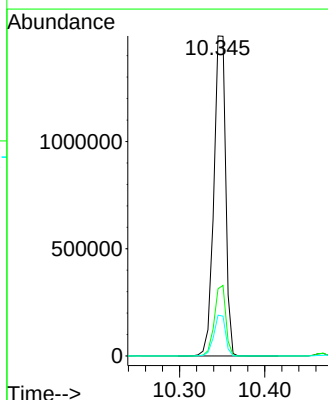
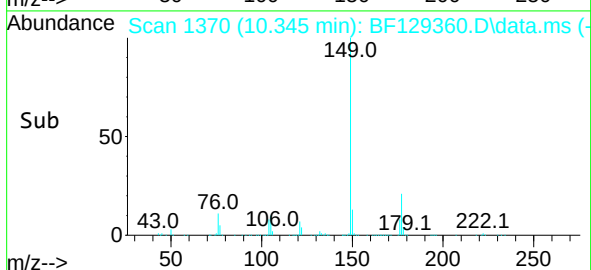
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

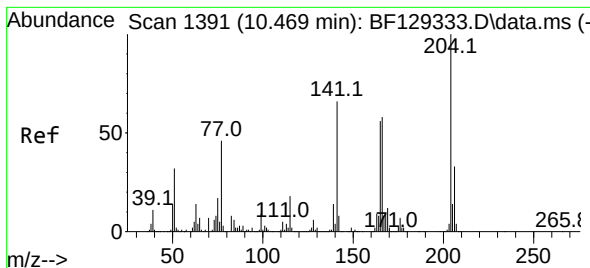


#60
Diethylphthalate
Concen: 44.463 ng
RT: 10.345 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



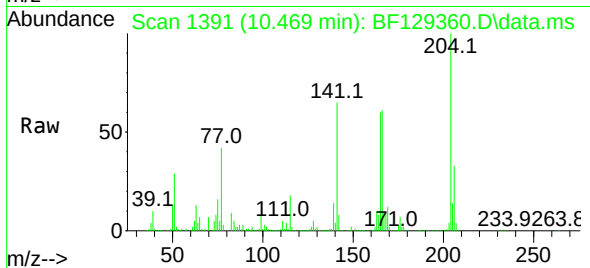
Tgt Ion:149 Resp: 1436362
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.837 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

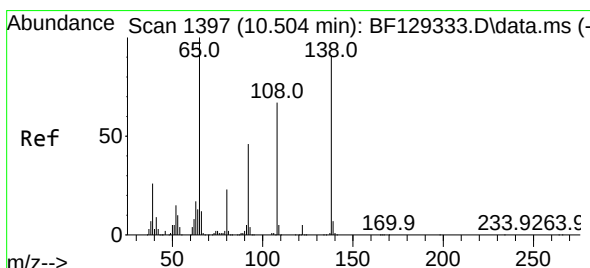
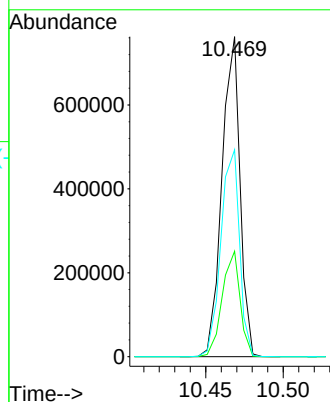
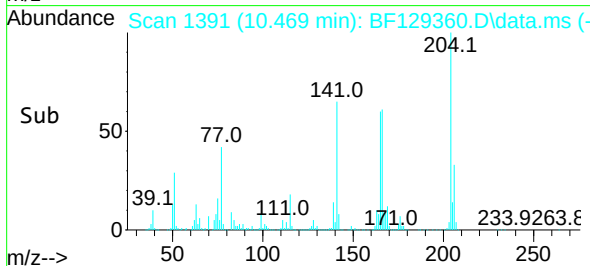
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



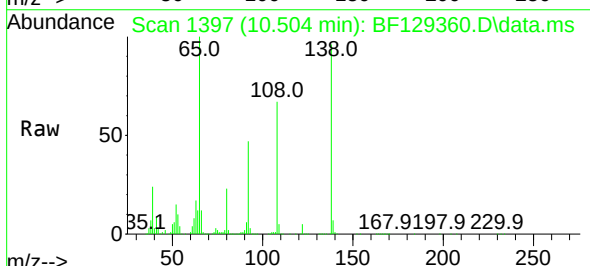
Tgt Ion:204 Resp: 61796
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 64.7 47.0 70.4

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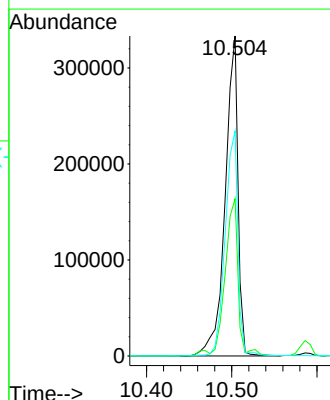
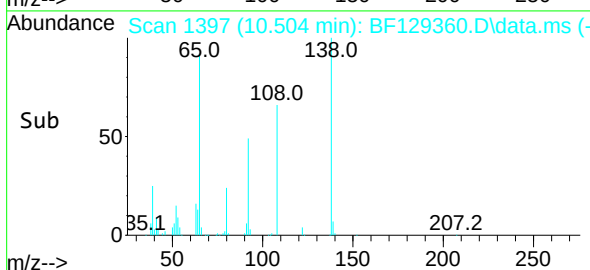
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

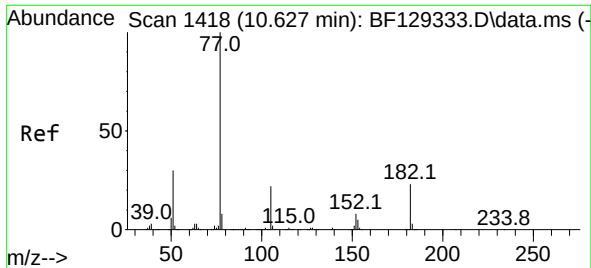


#62
4-Nitroaniline
Concen: 39.772 ng
RT: 10.504 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



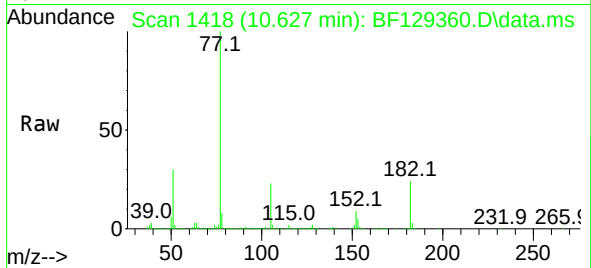
Tgt Ion:138 Resp: 348472
Ion Ratio Lower Upper
138 100
92 49.1 33.5 73.5
108 70.3 61.0 101.0





#63
Azobenzene
Concen: 43.055 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

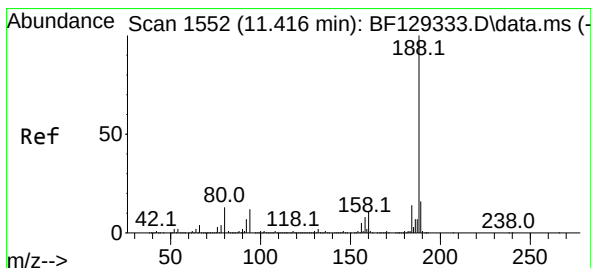
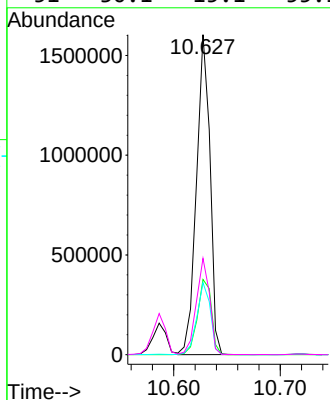
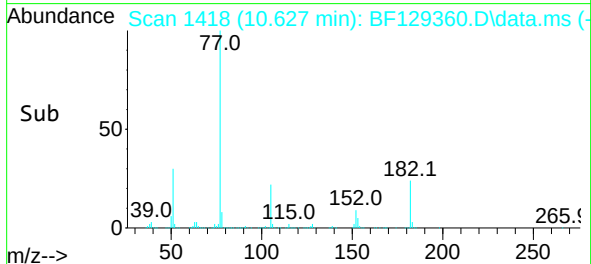
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



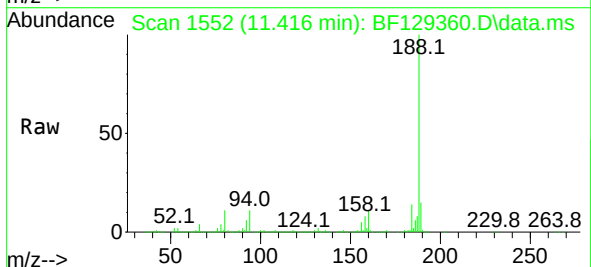
Tgt Ion: 77 Resp: 1418652
Ion Ratio Lower Upper
77 100
182 23.5 5.6 45.6
105 22.5 1.6 41.6
51 30.1 15.1 55.1

Manual Integrations
APPROVED

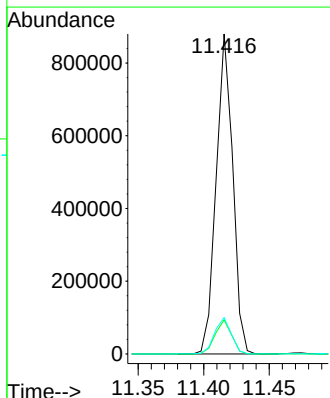
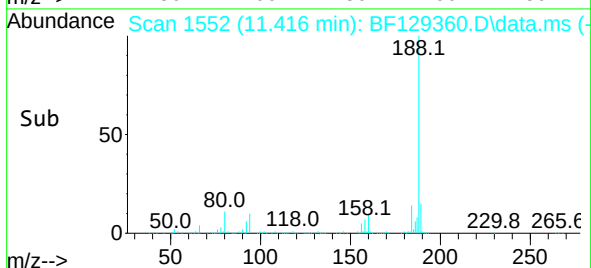
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

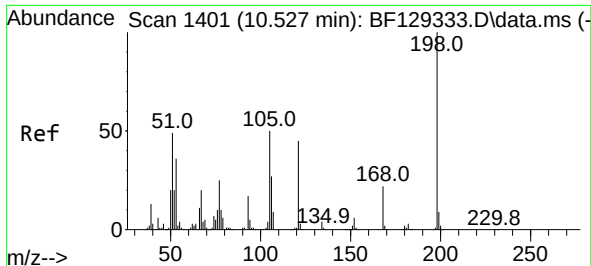


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



Tgt Ion:188 Resp: 771817
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.4 7.6 11.4





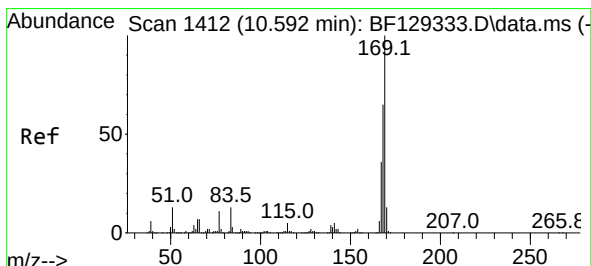
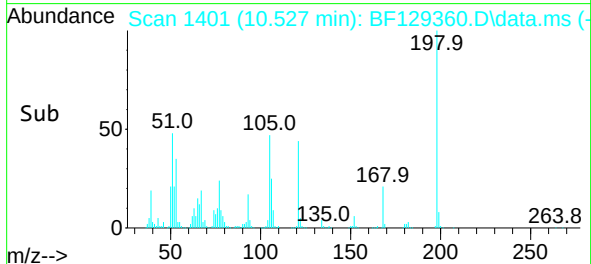
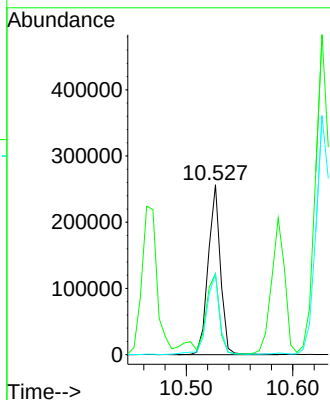
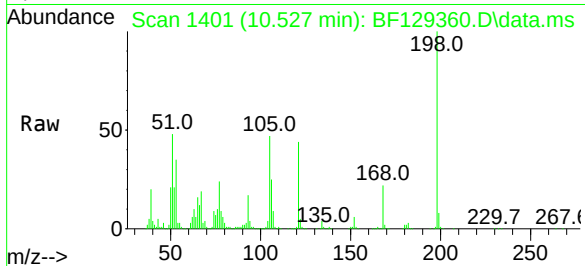
#65
4,6-Dinitro-2-methylphenol
Concen: 42.112 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS

Tgt Ion:198 Resp: 205150
Ion Ratio Lower Upper
198 100
51 47.8 37.6 77.6
105 47.4 27.0 67.0

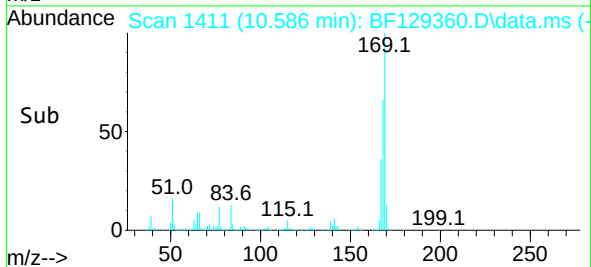
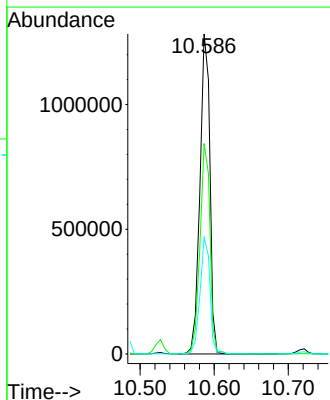
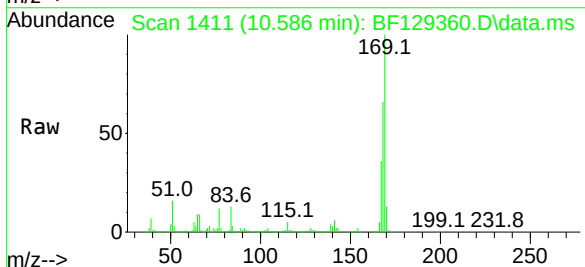
Manual Integrations
APPROVED

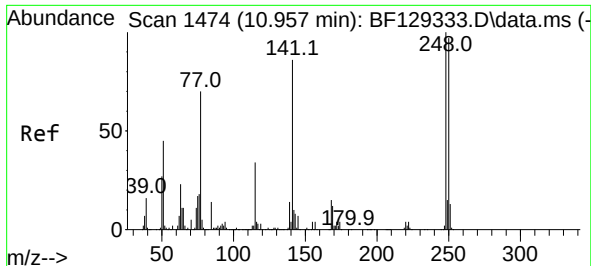
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#66
n-Nitrosodiphenylamine
Concen: 46.286 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

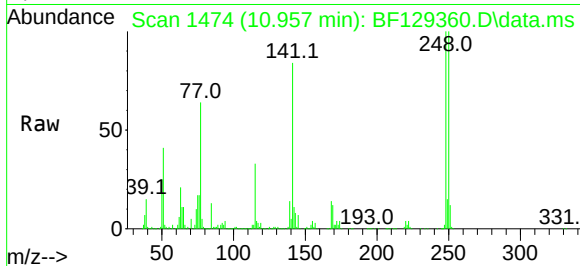
Tgt Ion:169 Resp: 1189699
Ion Ratio Lower Upper
169 100
168 65.8 50.1 75.1
167 36.4 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 47.121 ng
RT: 10.957 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

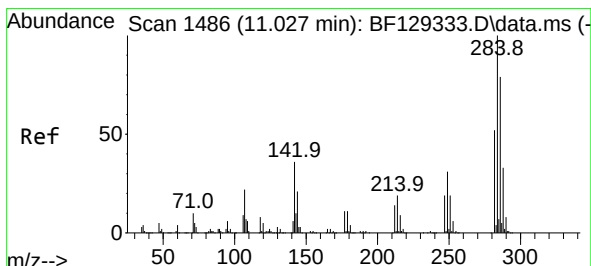
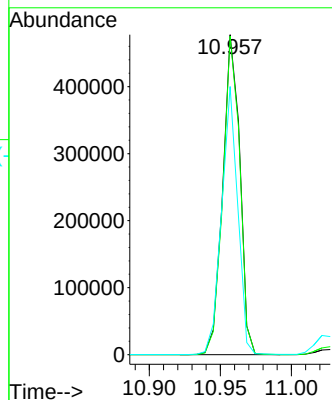
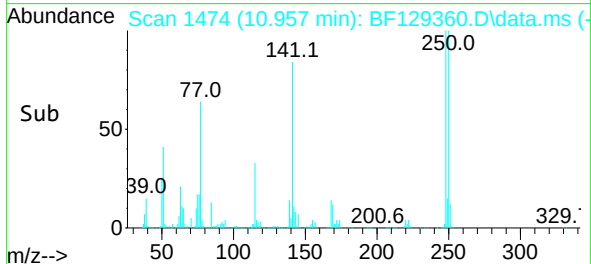
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



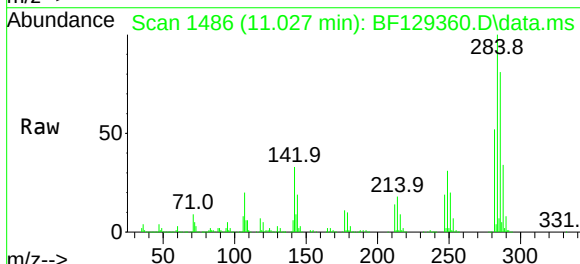
Tgt Ion:248 Resp: 398248
Ion Ratio Lower Upper
248 100
250 99.6 80.6 120.8
141 83.8 58.9 88.3

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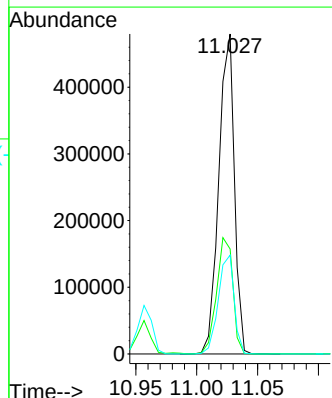
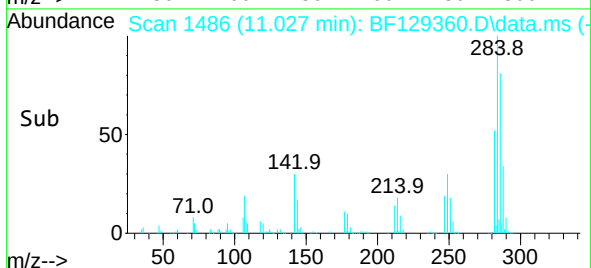
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

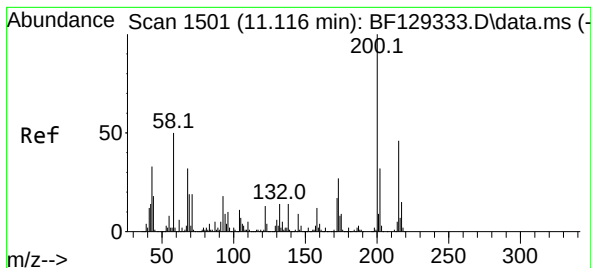


#68
Hexachlorobenzene
Concen: 46.716 ng
RT: 11.027 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



Tgt Ion:284 Resp: 427801
Ion Ratio Lower Upper
284 100
142 32.8 29.0 43.4
249 30.9 25.0 37.6





#69

Atrazine

Concen: 23.441 ng

RT: 11.110 min Scan# 1110

Delta R.T. -0.006 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MS

Tgt Ion:200 Resp: 183000

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

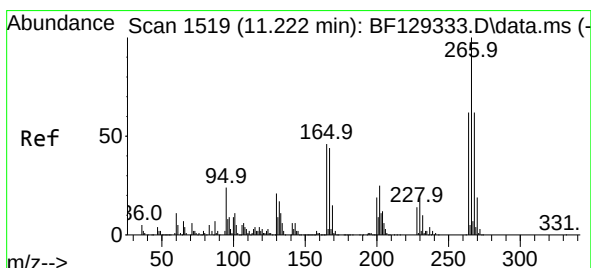
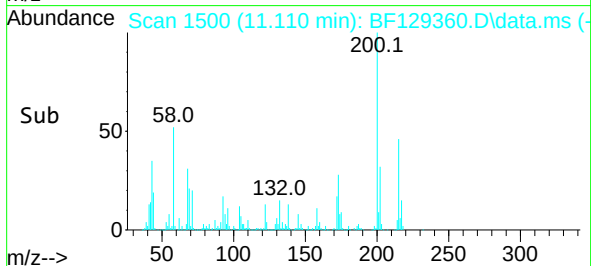
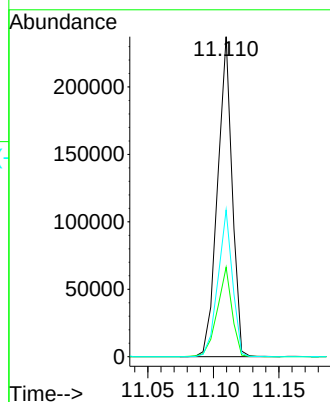
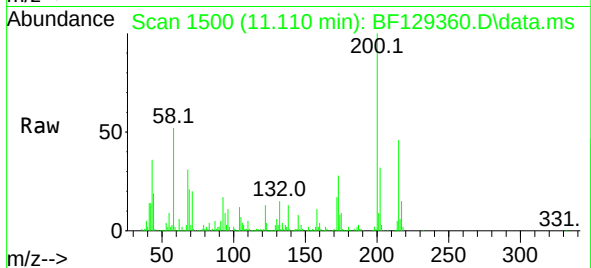
215 45.8 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#70

Pentachlorophenol

Concen: 83.615 ng

RT: 11.221 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

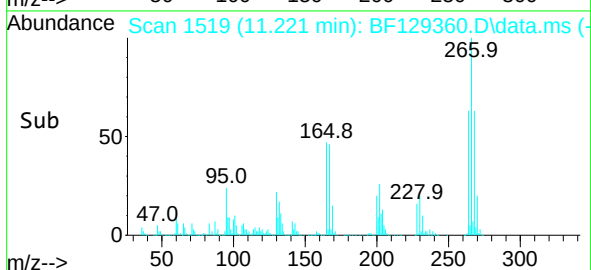
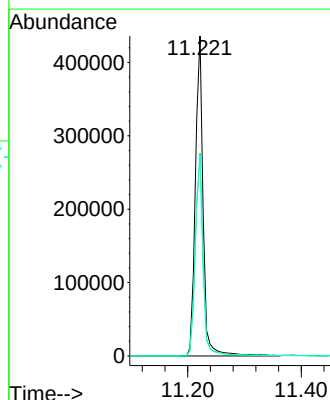
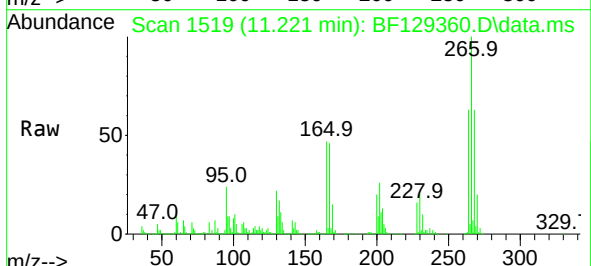
Tgt Ion:266 Resp: 416264

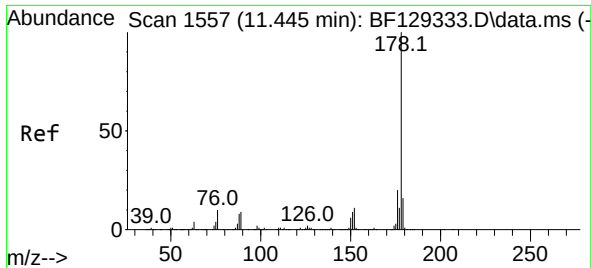
Ion Ratio Lower Upper

266 100

268 63.4 51.0 76.4

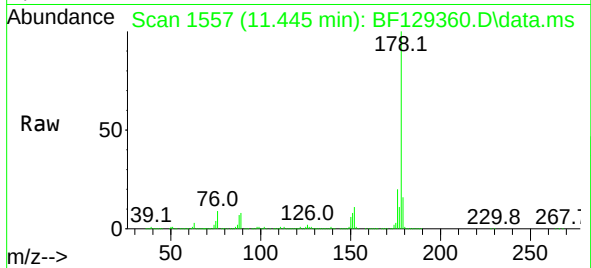
264 62.8 49.4 74.2





#71
Phenanthrene
Concen: 43.626 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

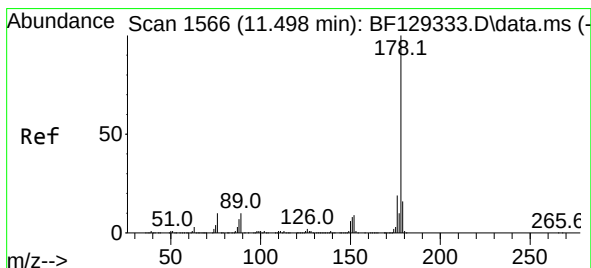
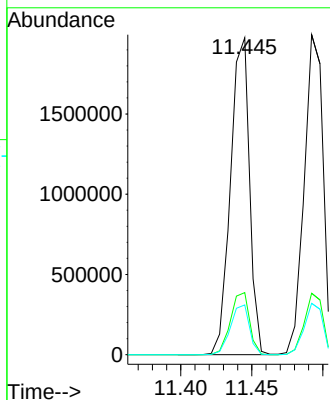
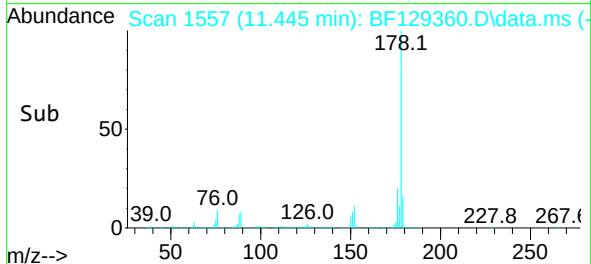
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



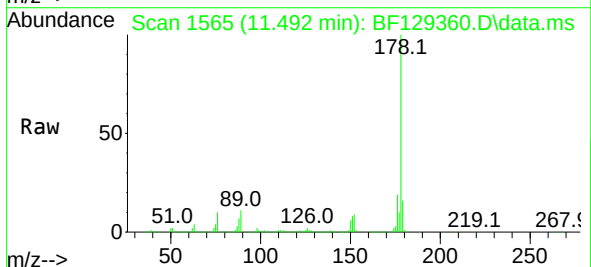
Tgt Ion:178 Resp: 1838025
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.7 12.6 19.0

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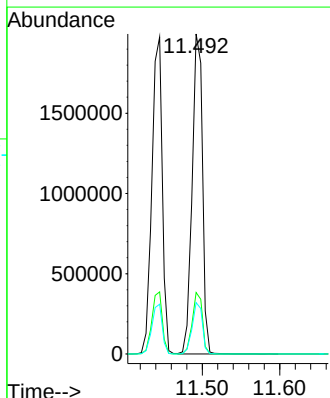
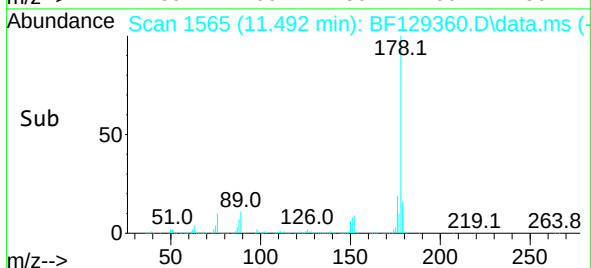
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

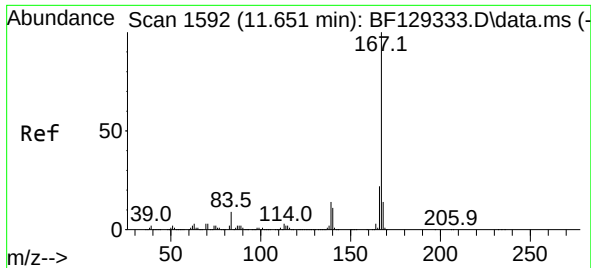


#72
Anthracene
Concen: 44.523 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



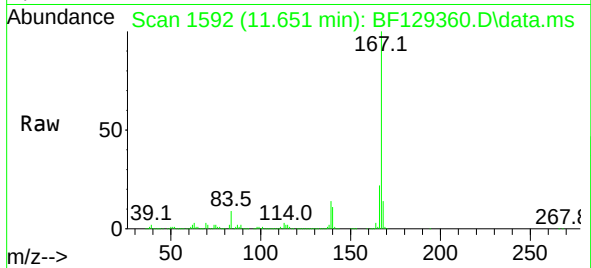
Tgt Ion:178 Resp: 1843392
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.0 12.6 19.0





#73
 Carbazole
 Concen: 42.773 ng
 RT: 11.651 min Scan# 1592
 Delta R.T. -0.000 min
 Lab File: BF129360.D
 Acq: 26 Jul 2022 17:44

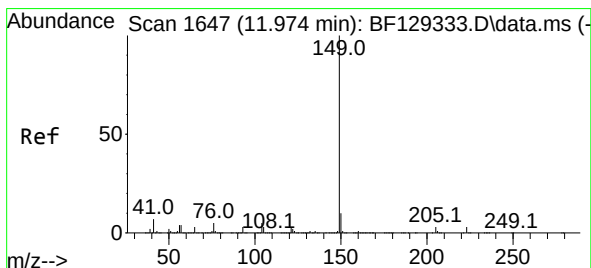
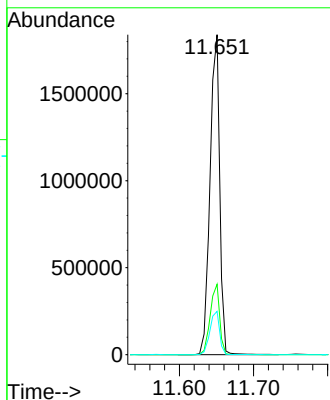
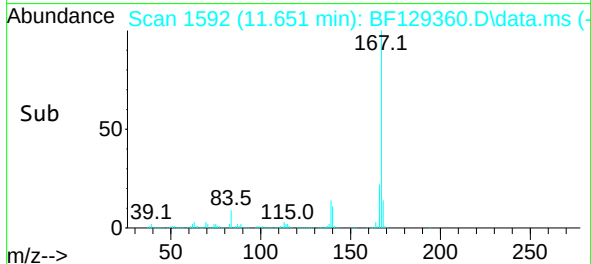
Instrument : BNA_F
 ClientSampleId : QUEENS4A-WC-20220720MS



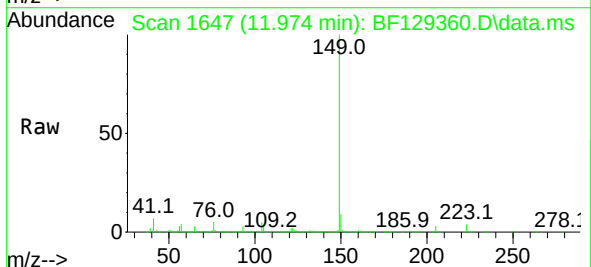
Tgt Ion:167 Resp: 1667052
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.6 11.2 16.8

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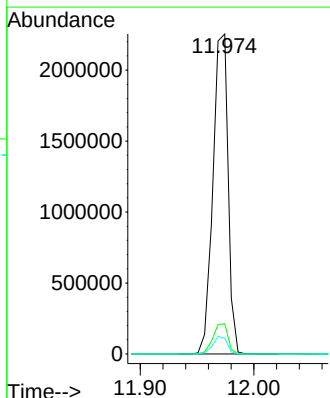
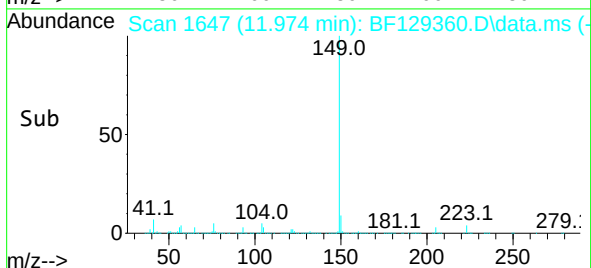
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022

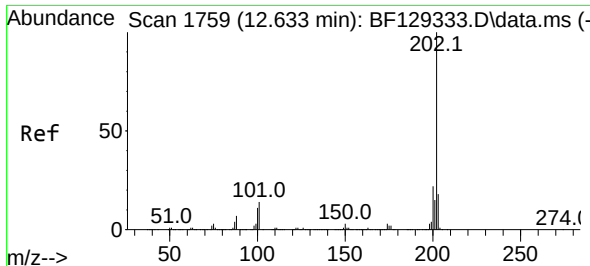


#74
 Di-n-butylphthalate
 Concen: 45.054 ng
 RT: 11.974 min Scan# 1647
 Delta R.T. -0.000 min
 Lab File: BF129360.D
 Acq: 26 Jul 2022 17:44



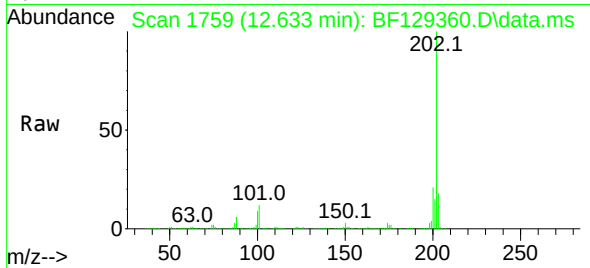
Tgt Ion:149 Resp: 2091162
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 4.4 6.6





#75
Fluoranthene
Concen: 38.301 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

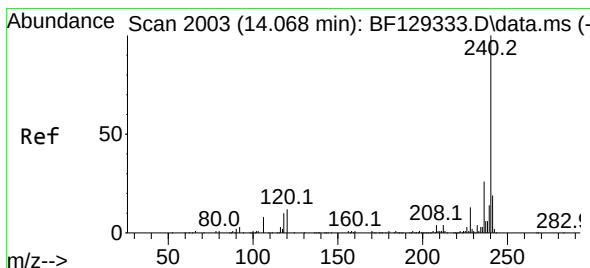
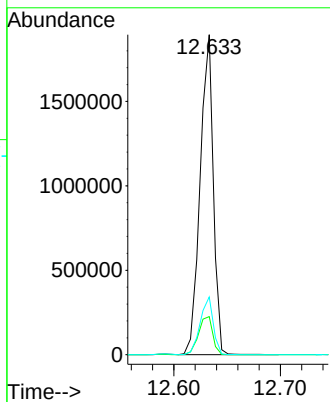
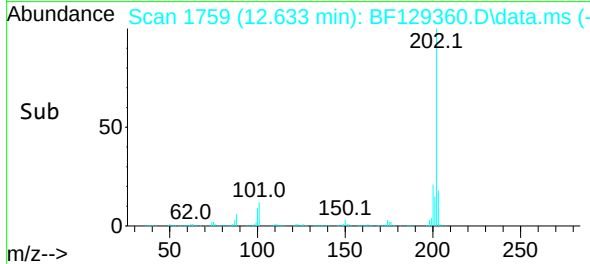
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



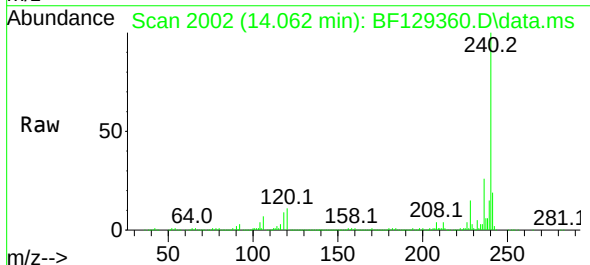
Tgt Ion:202 Resp: 163500
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.4
203 18.0 0.0 38.0

Manual Integrations
APPROVED

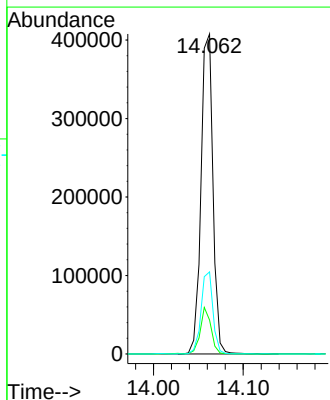
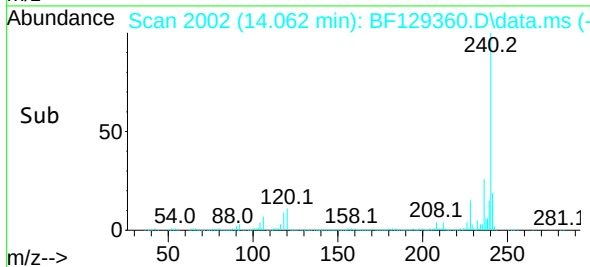
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

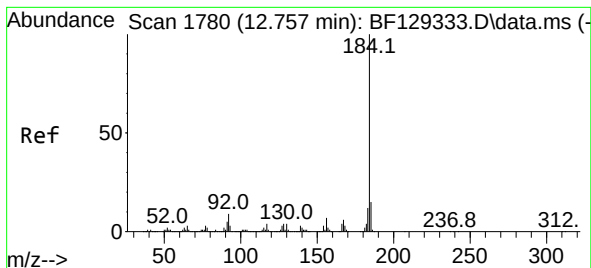


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



Tgt Ion:240 Resp: 377256
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 25.7 20.8 31.2





#77

Benzidine

Concen: 16.026 ng

RT: 12.751 min Scan# 1779

Delta R.T. -0.006 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

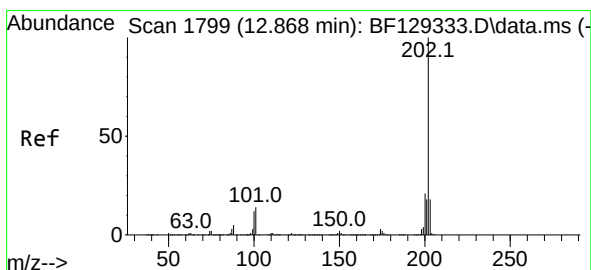
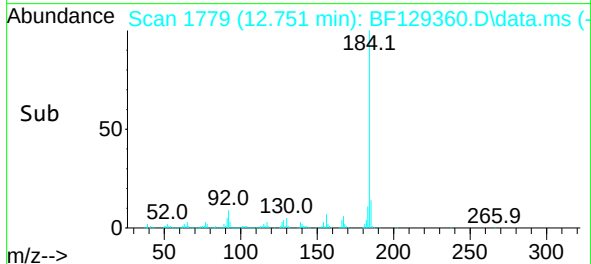
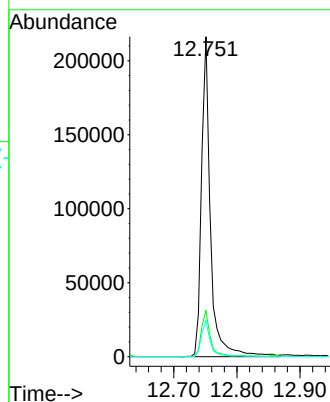
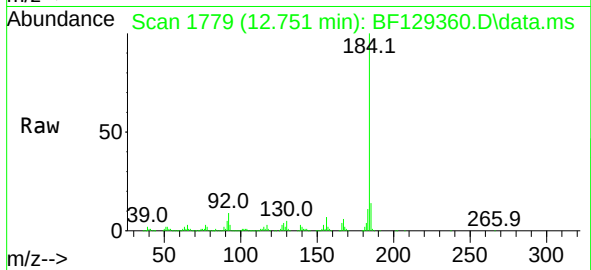
QUEENS4A-WC-20220720MS

Tgt Ion:	184	Resp:	21358
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.9	17.9
183	11.3	9.3	13.9

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 51.408 ng

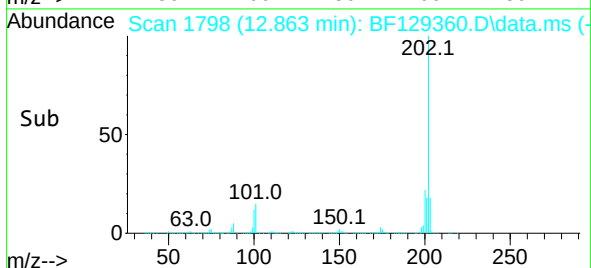
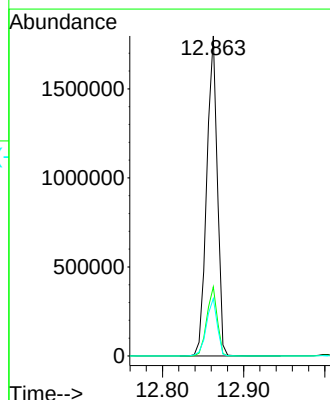
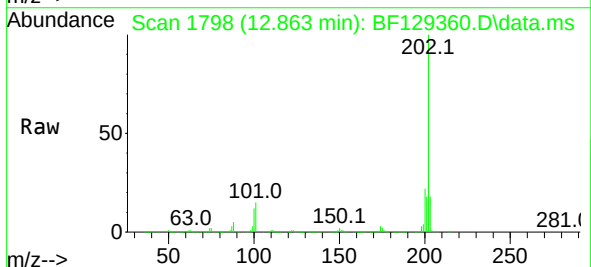
RT: 12.863 min Scan# 1798

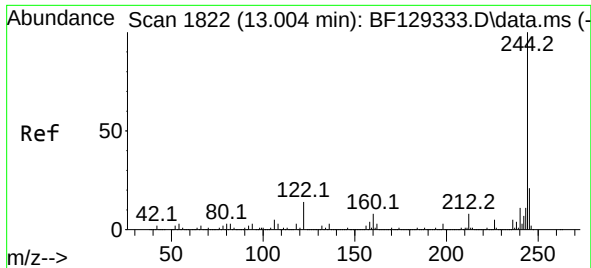
Delta R.T. -0.006 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

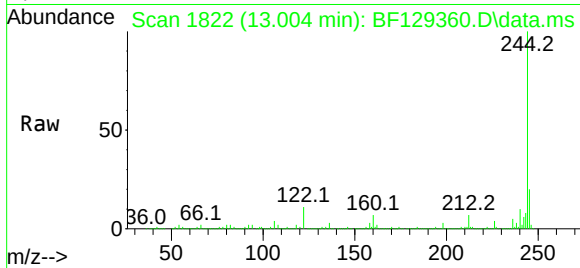
Tgt Ion:	202	Resp:	1621773
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.7	26.5
203	18.0	14.6	21.8





#79
 Terphenyl-d14
 Concen: 106.125 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. -0.000 min
 Lab File: BF129360.D
 Acq: 26 Jul 2022 17:44

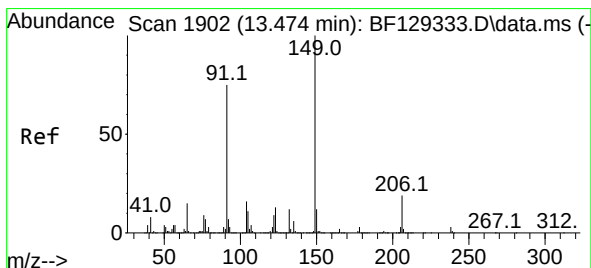
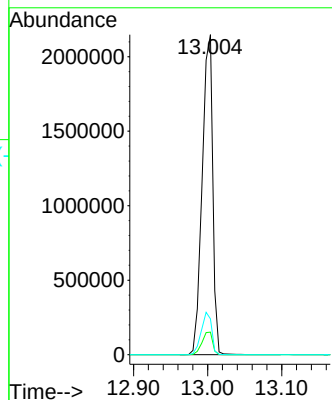
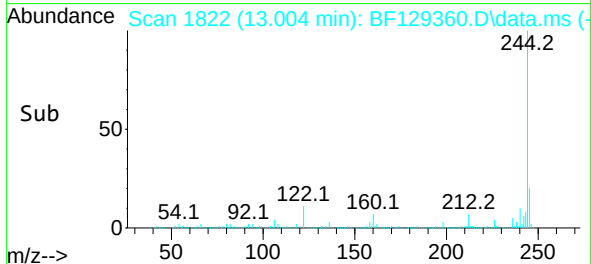
Instrument :
 BNA_F
 ClientSampleId :
 QUEENS4A-WC-20220720MS



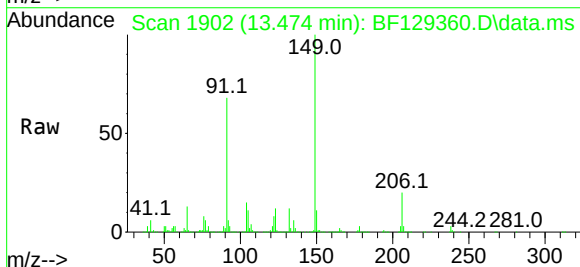
Tgt Ion:244 Resp: 212215
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 11.2 8.8 13.2

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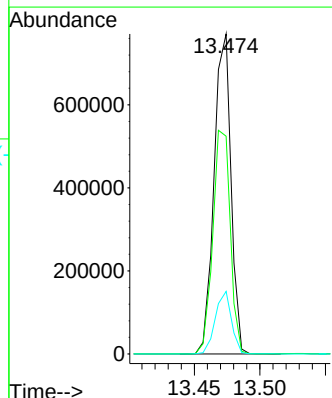
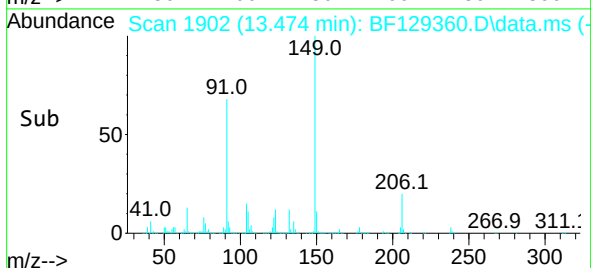
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022

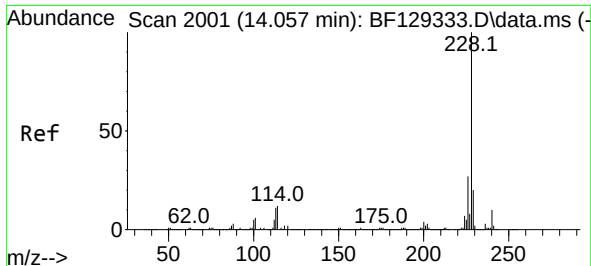


#80
 Butylbenzylphthalate
 Concen: 50.483 ng
 RT: 13.474 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: BF129360.D
 Acq: 26 Jul 2022 17:44



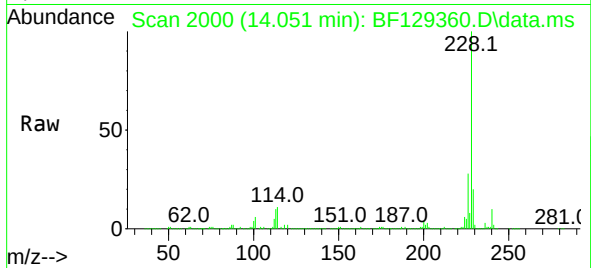
Tgt Ion:149 Resp: 690789
 Ion Ratio Lower Upper
 149 100
 91 68.1 61.2 91.8
 206 19.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 45.224 ng
RT: 14.051 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

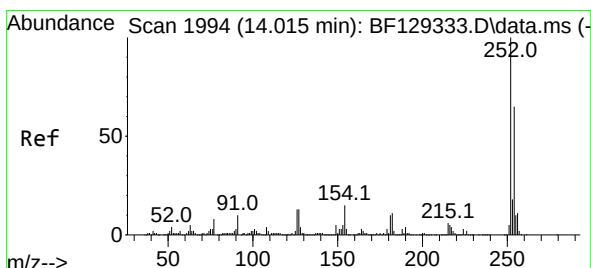
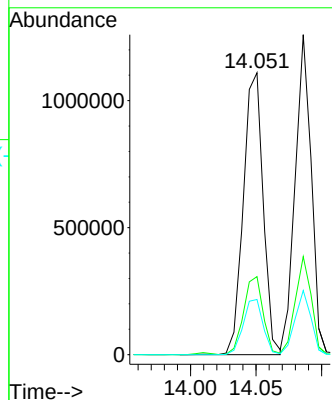
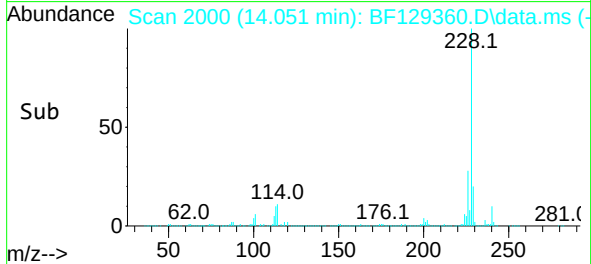
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



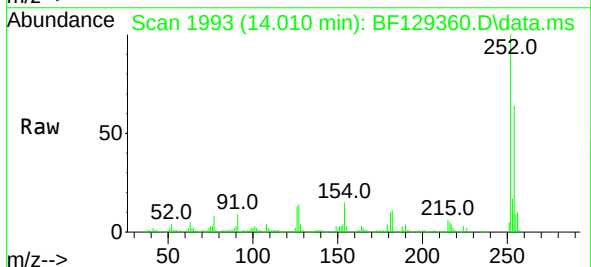
Tgt Ion:228 Resp: 1165428
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.6 15.8 23.8

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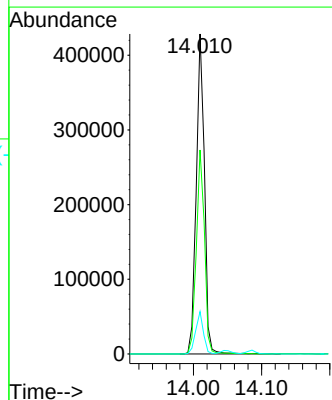
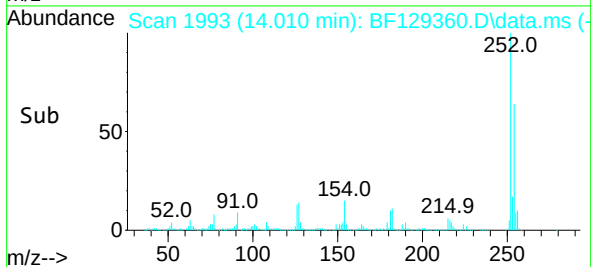
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

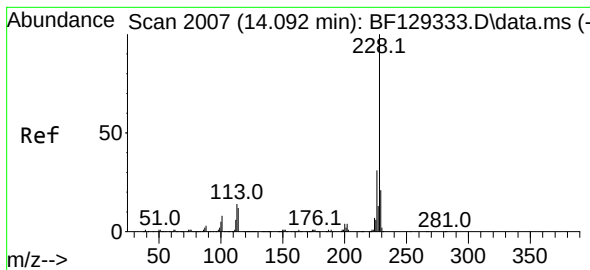


#82
3,3'-Dichlorobenzidine
Concen: 41.846 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



Tgt Ion:252 Resp: 356050
Ion Ratio Lower Upper
252 100
254 63.7 50.2 75.4
126 13.3 8.2 12.4#





#83

Chrysene

Concen: 44.541 ng

RT: 14.086 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

Instrument :

BNA_F

ClientSampleId :

QUEENS4A-WC-20220720MS

Tgt Ion:228 Resp: 1081789

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

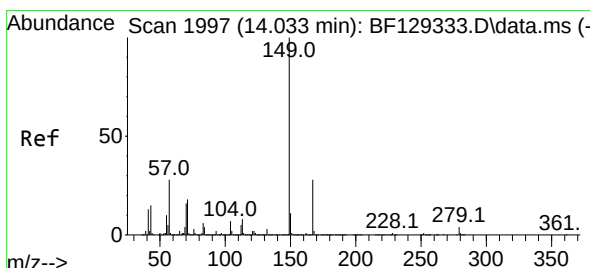
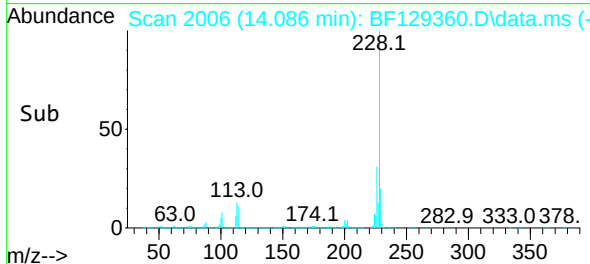
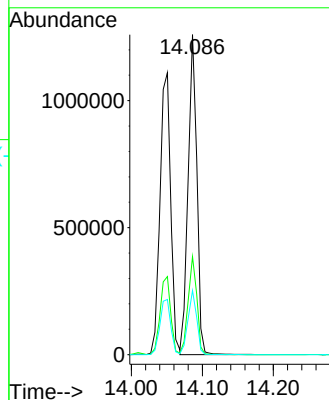
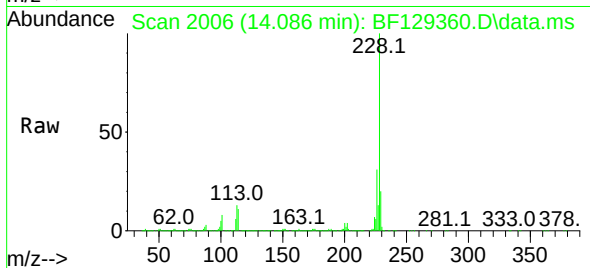
229 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.665 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF129360.D

Acq: 26 Jul 2022 17:44

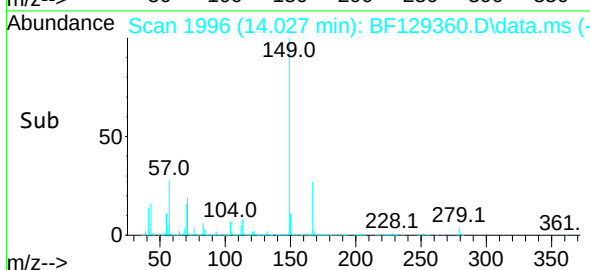
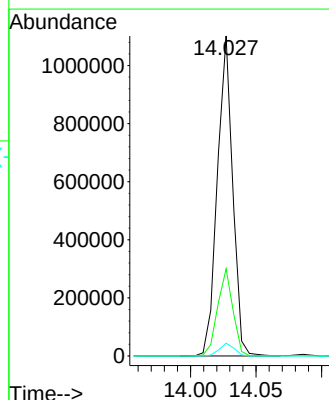
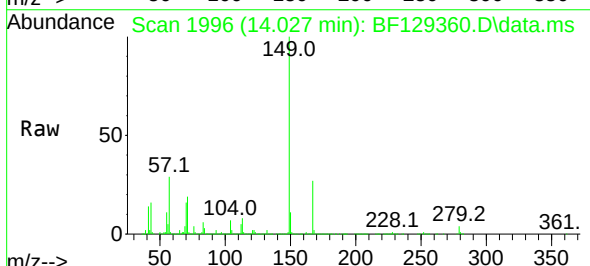
Tgt Ion:149 Resp: 894709

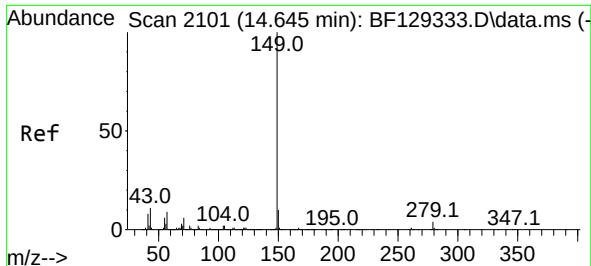
Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.4

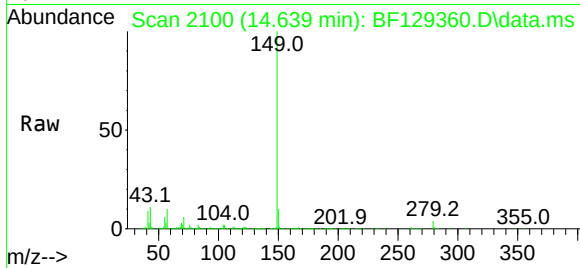
279 4.0 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 49.189 ng
RT: 14.639 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

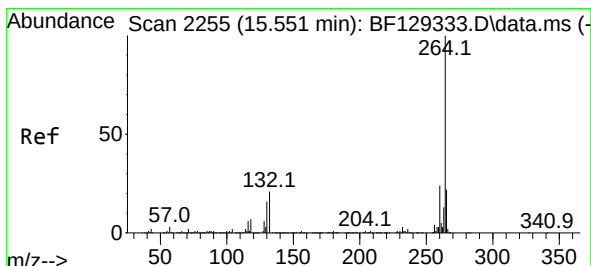
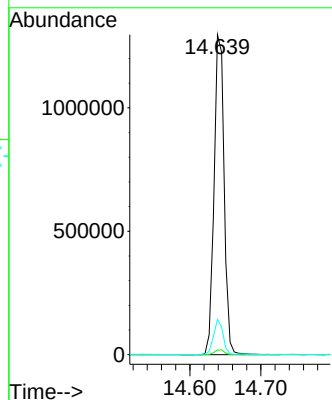
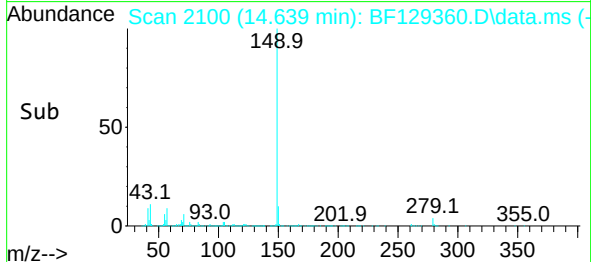
Instrument : BNA_F
ClientSampleId : QUEENS4A-WC-20220720MS



Tgt Ion:149 Resp: 127515
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 9.2 13.8

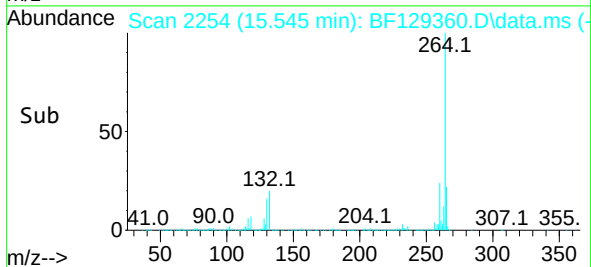
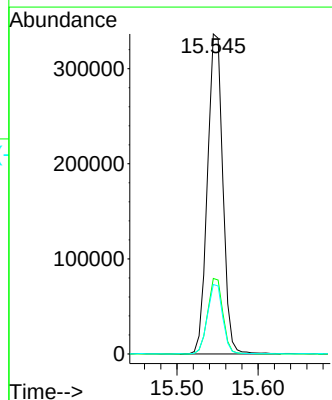
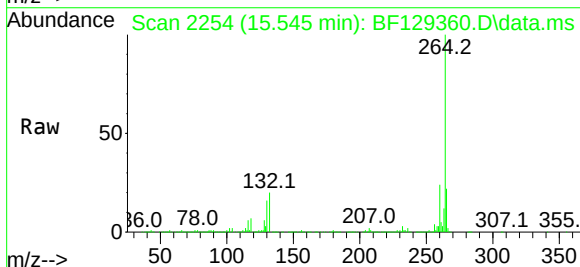
Manual Integrations
APPROVED

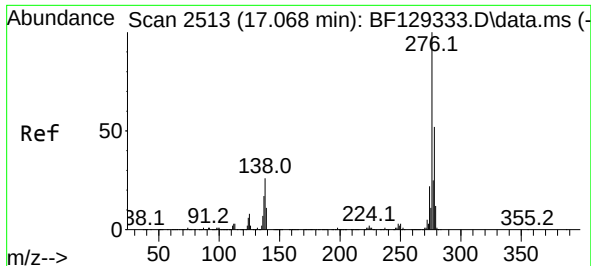
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2254
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

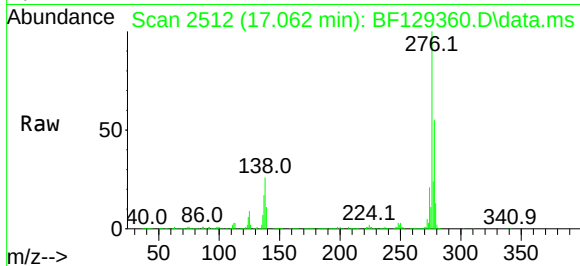
Tgt Ion:264 Resp: 441225
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.7 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.822 ng
RT: 17.062 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

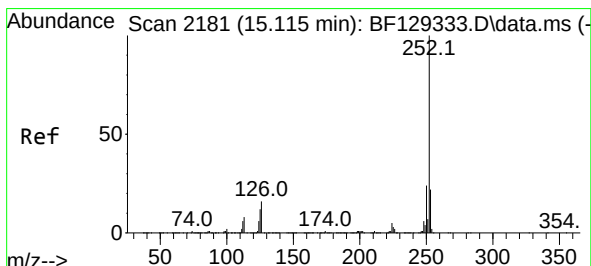
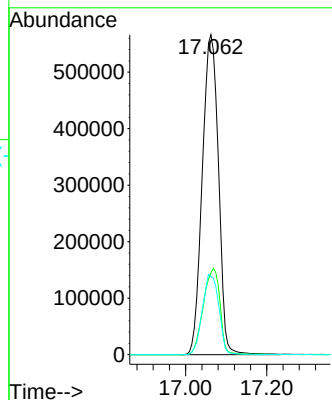
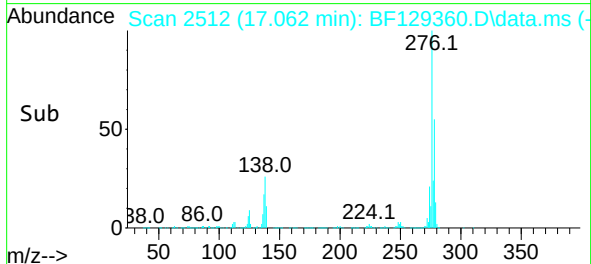
Instrument : BNA_F
ClientSampleId : QUEENS4A-WC-20220720MS



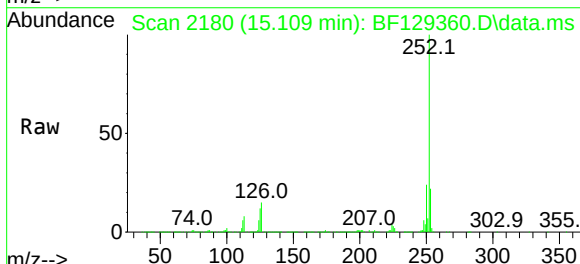
Tgt Ion: 276 Resp: 156948
Ion Ratio Lower Upper
276 100
138 27.7 21.1 31.7
277 25.5 20.3 30.5

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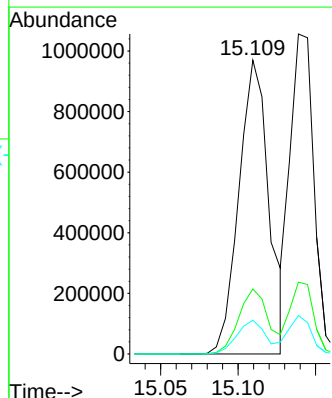
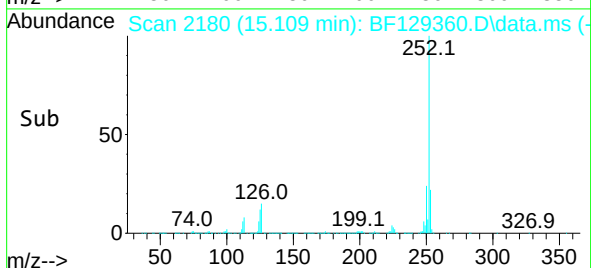
Reviewed By : Christian Giraldo 07/27/2022
Supervised By : Jagrut Upadhyay 07/27/2022

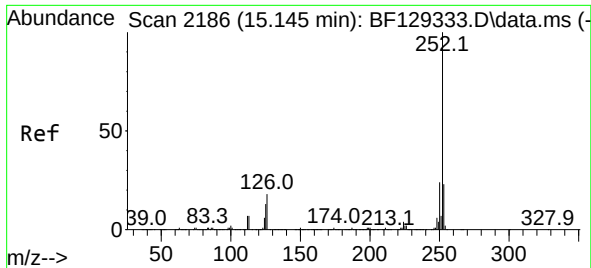


#88
Benzo(b)fluoranthene
Concen: 44.786 ng
RT: 15.109 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



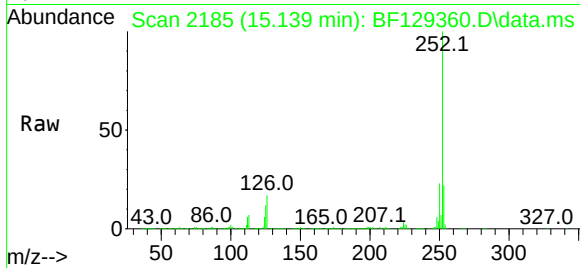
Tgt Ion: 252 Resp: 1310789
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.5 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 39.647 ng
RT: 15.139 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

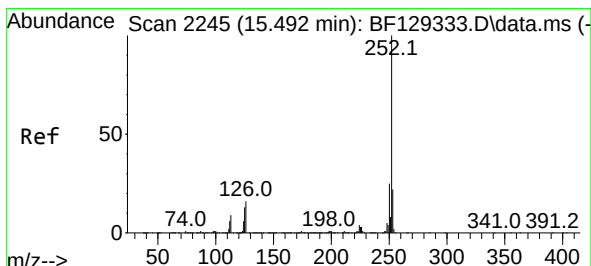
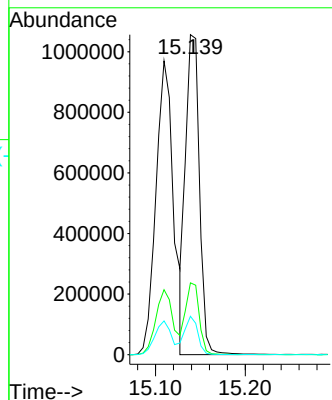
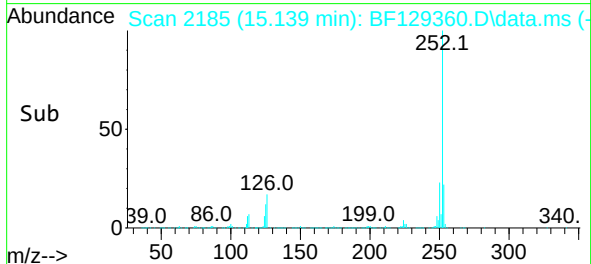
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



Tgt Ion:252 Resp: 1137130
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 12.0 8.3 12.5

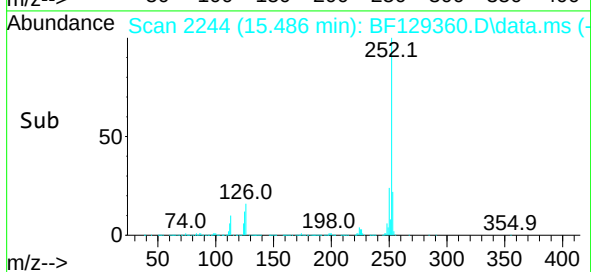
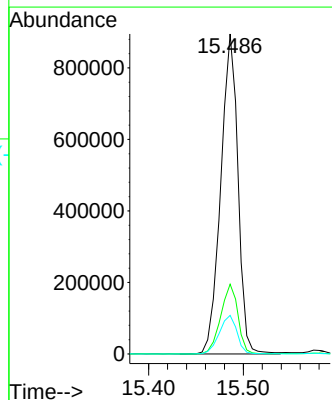
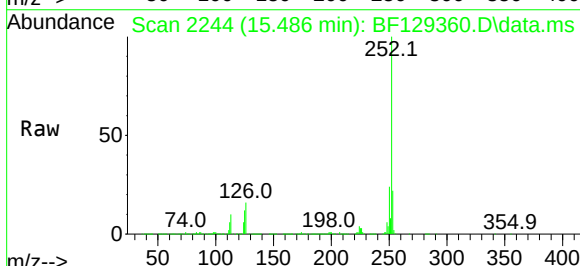
Manual Integrations
APPROVED

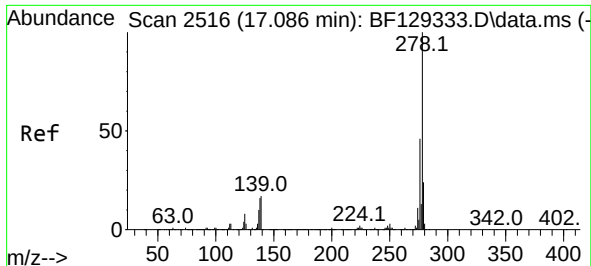
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#90
Benzo(a)pyrene
Concen: 47.666 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

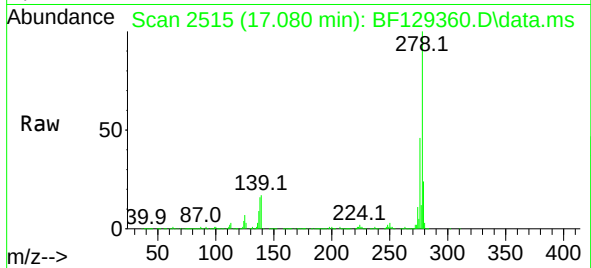
Tgt Ion:252 Resp: 1132495
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 12.0 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 55.995 ng
RT: 17.080 min Scan# 2516
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44

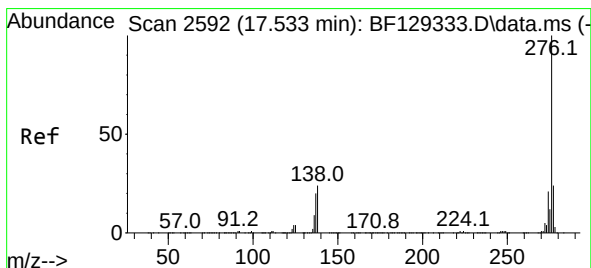
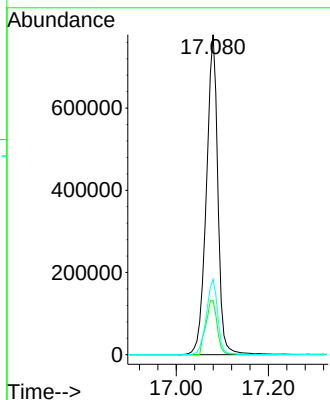
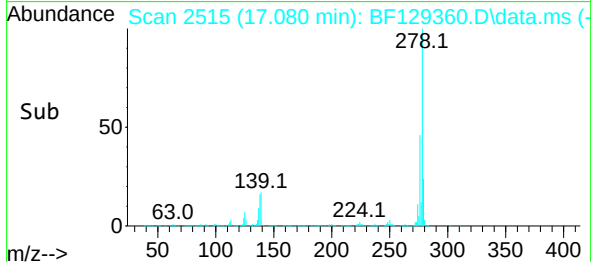
Instrument :
BNA_F
ClientSampleId :
QUEENS4A-WC-20220720MS



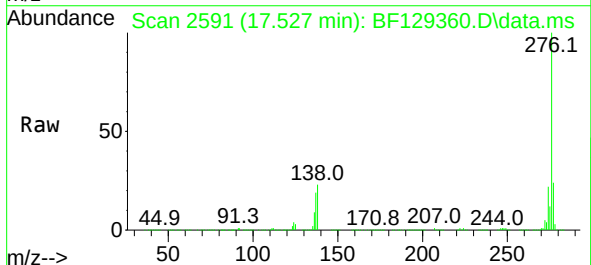
Tgt Ion:278 Resp: 135415
Ion Ratio Lower Upper
278 100
139 16.9 12.8 19.2
279 23.5 18.6 28.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 55.631 ng
RT: 17.527 min Scan# 2591
Delta R.T. -0.006 min
Lab File: BF129360.D
Acq: 26 Jul 2022 17:44



Tgt Ion:276 Resp: 1374722
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 23.4 18.0 27.0

