

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129661.D
 Acq On : 09 Aug 2022 11:53
 Operator : CG\JU
 Sample : PB146618BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146618BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/10/2022
 Supervised By : Jagrut Upadhyay 08/10/2022

Quant Time: Aug 09 12:28:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	231233	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	949899	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	506238	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	837165	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	519255	20.000	ng	0.00
86) Perylene-d12	15.498	264	422114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1572059	110.749	ng	0.00
7) Phenol-d6	6.504	99	1969353	110.377	ng	0.00
23) Nitrobenzene-d5	7.416	82	1280081	73.563	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	582334	119.647	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2360324	72.126	ng	0.00
79) Terphenyl-d14	12.963	244	2443075	88.763	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	174592	27.261	ng	87
3) Pyridine	3.463	79	426527	23.982	ng	87
4) n-Nitrosodimethylamine	3.399	42	283315	36.276	ng	# 91
6) Aniline	6.510	93	708764	31.954	ng	# 34
8) 2-Chlorophenol	6.639	128	665421	42.908	ng	94
9) Benzaldehyde	6.398	77	314652	25.969	ng	98
10) Phenol	6.516	94	769661m	40.508	ng	
11) bis(2-Chloroethyl)ether	6.581	93	622760	41.329	ng	92
12) 1,3-Dichlorobenzene	6.781	146	648900	39.014	ng	99
13) 1,4-Dichlorobenzene	6.857	146	660804	39.065	ng	98
14) 1,2-Dichlorobenzene	7.010	146	630536	40.554	ng	98
15) Benzyl Alcohol	6.998	79	567704	43.872	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.116	45	815140	35.988	ng	# 1
17) 2-Methylphenol	7.116	107	522218	40.591	ng	# 87
18) Hexachloroethane	7.351	117	257535	40.434	ng	93
19) n-Nitroso-di-n-propyla...	7.263	70	449673	41.631	ng	91
20) 3+4-Methylphenols	7.269	107	644285	39.387	ng	# 89
22) Acetophenone	7.257	105	900197	40.704	ng	98
24) Nitrobenzene	7.434	77	675813	37.715	ng	95
25) Isophorone	7.675	82	1293217	41.461	ng	97
26) 2-Nitrophenol	7.745	139	359393	40.656	ng	97
27) 2,4-Dimethylphenol	7.792	122	595858m	44.937	ng	
28) bis(2-Chloroethoxy)met...	7.875	93	785963	43.437	ng	99
29) 2,4-Dichlorophenol	7.992	162	547128	39.977	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	548969	38.752	ng	98
31) Naphthalene	8.151	128	1830780	37.935	ng	99
32) Benzoic acid	7.945	122	281381	29.353	ng	98
33) 4-Chloroaniline	8.204	127	656254	33.121	ng	97
34) Hexachlorobutadiene	8.257	225	332122	41.244	ng	98
35) Caprolactam	8.598	113	166635m	37.450	ng	
36) 4-Chloro-3-methylphenol	8.698	107	611853	42.151	ng	97
37) 2-Methylnaphthalene	8.839	142	1237055	39.444	ng	98
38) 1-Methylnaphthalene	8.939	142	1165496	38.496	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	542204	40.789	ng	98
41) Hexachlorocyclopentadiene	8.986	237	461061	77.893	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	367685	38.084	ng	97

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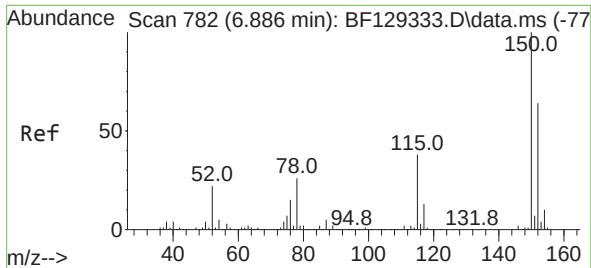
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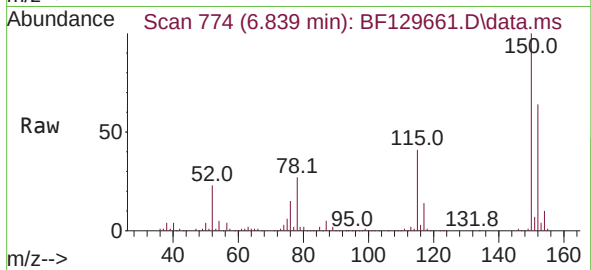
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	389432	37.092	ng	# 92
46) 1,1'-Biphenyl	9.304	154	1496205	40.498	ng	99
47) 2-Chloronaphthalene	9.333	162	1153325	38.616	ng	99
48) 2-Nitroaniline	9.439	65	377590	38.020	ng	87
49) Acenaphthylene	9.751	152	1719411	37.887	ng	99
50) Dimethylphthalate	9.610	163	1440108	41.208	ng	99
51) 2,6-Dinitrotoluene	9.680	165	312569	39.961	ng	99
52) Acenaphthene	9.922	154	1255658m	42.362	ng	
53) 3-Nitroaniline	9.851	138	277149	30.006	ng	# 94
54) 2,4-Dinitrophenol	9.969	184	300056	75.144	ng	89
55) Dibenzofuran	10.092	168	1559901	38.176	ng	95
56) 4-Nitrophenol	10.039	139	375039	55.038	ng	95
57) 2,4-Dinitrotoluene	10.086	165	394482	38.606	ng	92
58) Fluorene	10.439	166	1288638	39.416	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	287555	35.441	ng	92
60) Diethylphthalate	10.310	149	1382114	40.911	ng	100
61) 4-Chlorophenyl-phenyle...	10.427	204	605732	42.026	ng	96
62) 4-Nitroaniline	10.480	138	319946m	34.919	ng	
63) Azobenzene	10.586	77	1318248	38.257	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	204143	38.634	ng	88
66) n-Nitrosodiphenylamine	10.551	169	1138632	40.841	ng	97
67) 4-Bromophenyl-phenylether	10.916	248	395560	43.149	ng	95
68) Hexachlorobenzene	10.986	284	433139	43.606	ng	98
69) Atrazine	11.080	200	380166	44.893	ng	96
70) Pentachlorophenol	11.192	266	373346	69.140	ng	98
71) Phenanthrene	11.404	178	1787776	39.121	ng	99
72) Anthracene	11.457	178	1792084	39.905	ng	100
73) Carbazole	11.616	167	1642785	38.860	ng	99
74) Di-n-butylphthalate	11.927	149	2161778	42.940	ng	99
75) Fluoranthene	12.592	202	1783050	38.508	ng	98
77) Benzidine	12.716	184	642359	35.017	ng	99
78) Pyrene	12.827	202	1772936	40.831	ng	99
80) Butylbenzylphthalate	13.433	149	835856	44.380	ng	92
81) Benzo(a)anthracene	14.015	228	1399459	39.455	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	429414	36.667	ng	# 97
83) Chrysene	14.051	228	1265366	37.852	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	1126997	45.452	ng	# 97
85) Di-n-octyl phthalate	14.598	149	1711147	47.956	ng	96
87) Indeno(1,2,3-cd)pyrene	16.992	276	1219199	42.891	ng	99
88) Benzo(b)fluoranthene	15.068	252	1229356	43.905	ng	99
89) Benzo(k)fluoranthene	15.098	252	1179432	42.983	ng	99
90) Benzo(a)pyrene	15.439	252	1042628	45.871	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	1075140	46.471	ng	99
92) Benzo(g,h,i)perylene	17.451	276	1068815	45.210	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

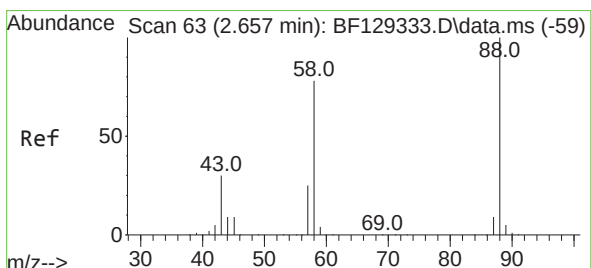
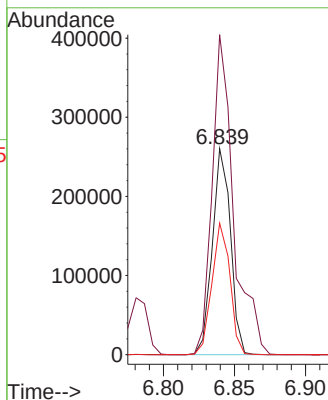
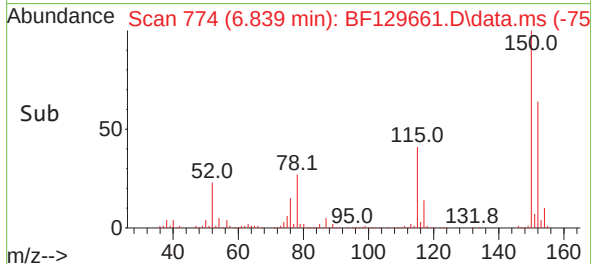
Instrument :
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ClientSampleId :
PB146618BS



Tgt Ion:152 Resp: 231233
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 63.8 49.9 74.9

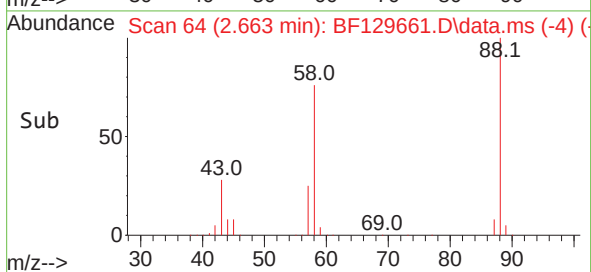
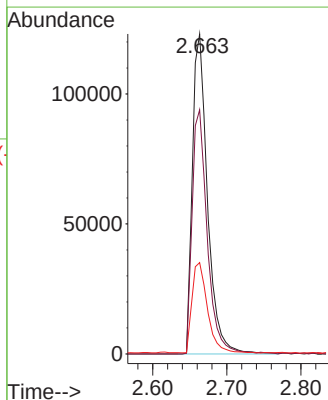
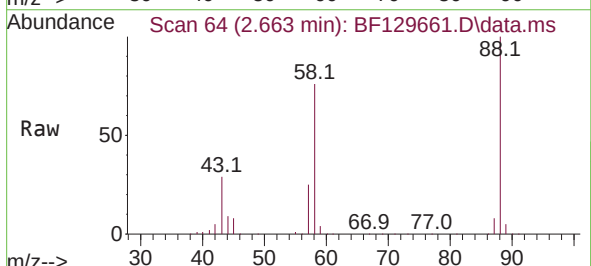
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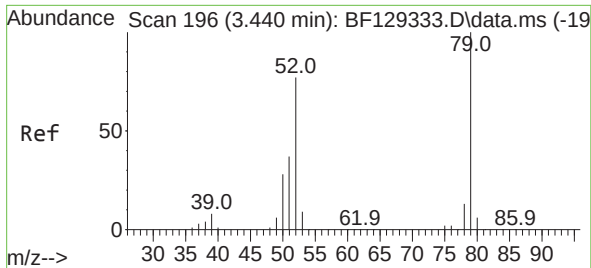
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#2
1,4-Dioxane
Concen: 27.261 ng
RT: 2.663 min Scan# 64
Delta R.T. 0.053 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 88 Resp: 174592
Ion Ratio Lower Upper
88 100
58 76.2 71.8 107.8
43 29.0 26.6 39.8





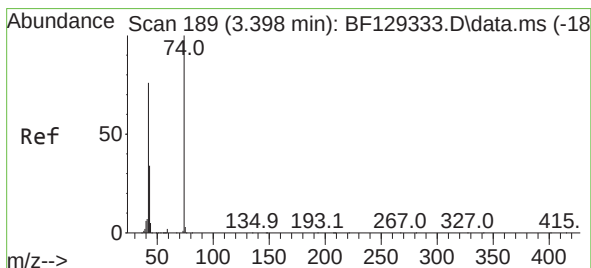
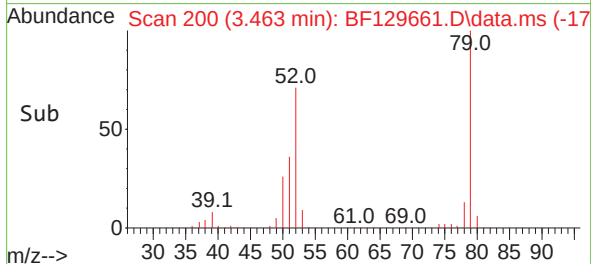
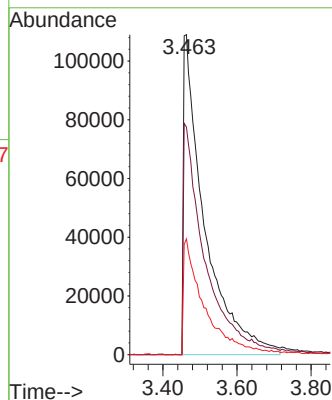
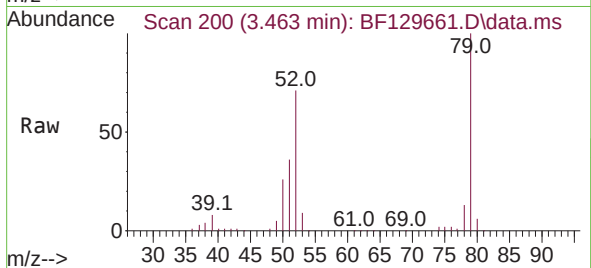
#3
Pyridine
Concen: 23.982 ng
RT: 3.463 min Scan# 20
Delta R.T. 0.071 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 79 Resp: 42652
Ion Ratio Lower Upper
79 100
52 71.1 68.6 102.8
51 36.2 32.9 49.3

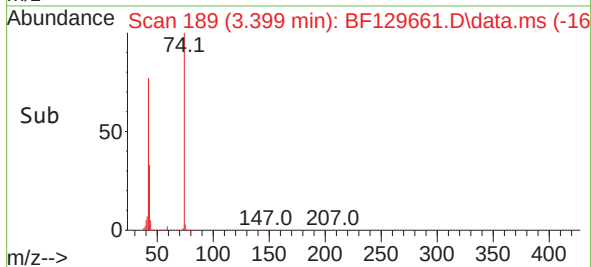
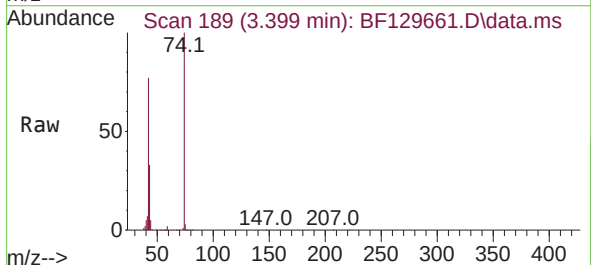
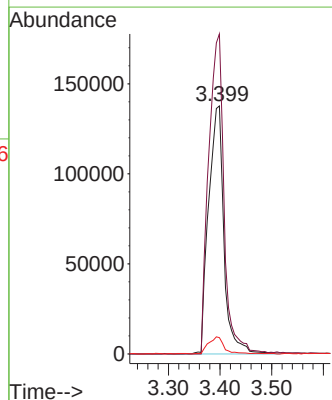
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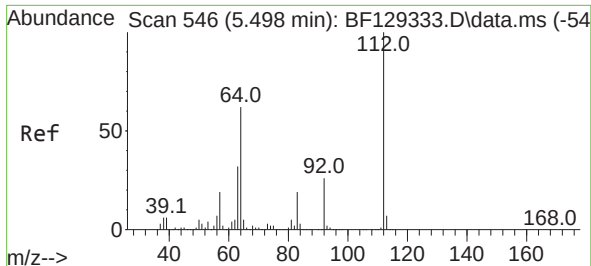
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#4
n-Nitrosodimethylamine
Concen: 36.276 ng
RT: 3.399 min Scan# 189
Delta R.T. 0.047 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 42 Resp: 283315
Ion Ratio Lower Upper
42 100
74 129.1 94.8 142.2
44 6.6 6.6 10.0#





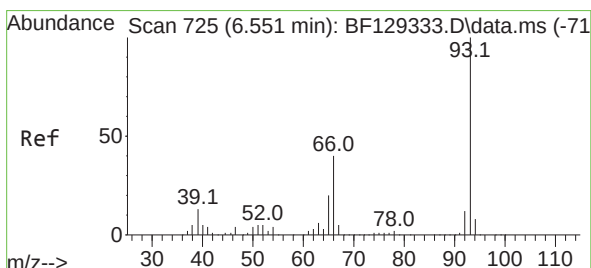
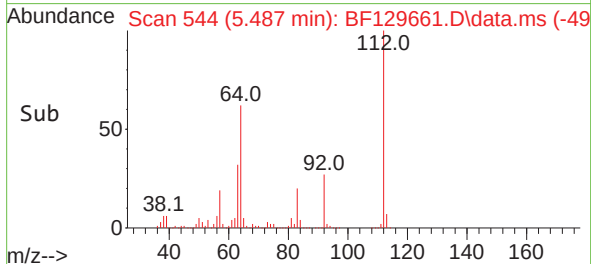
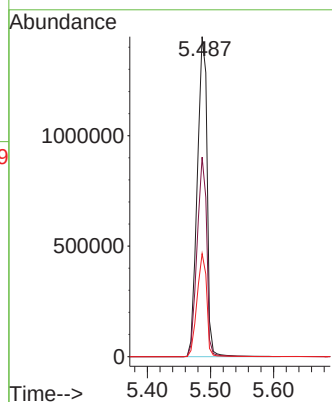
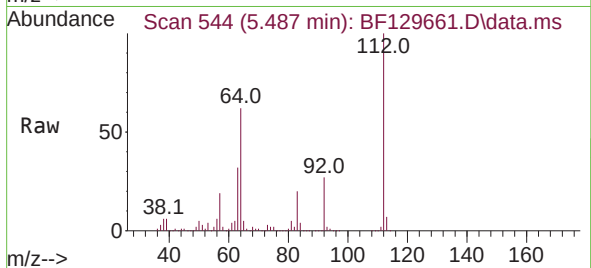
#5
2-Fluorophenol
Concen: 110.749 ng
RT: 5.487 min Scan# 546
Delta R.T. 0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion:112 Resp: 1572059
Ion Ratio Lower Upper
112 100
64 62.3 53.3 79.9
63 32.2 28.0 42.0

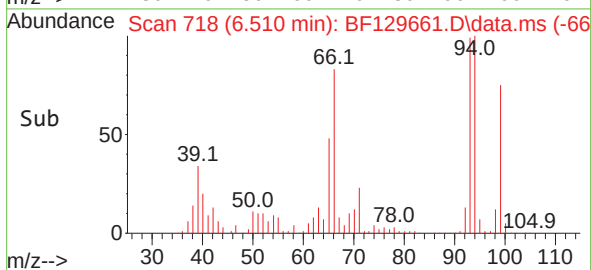
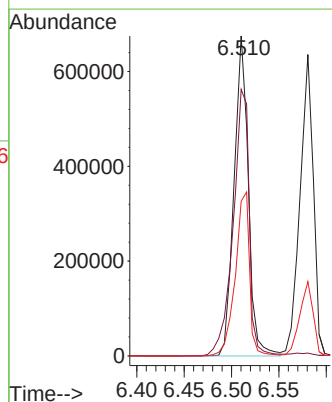
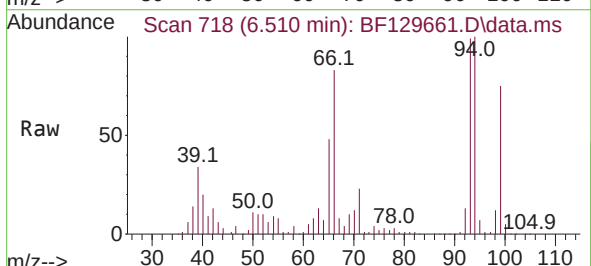
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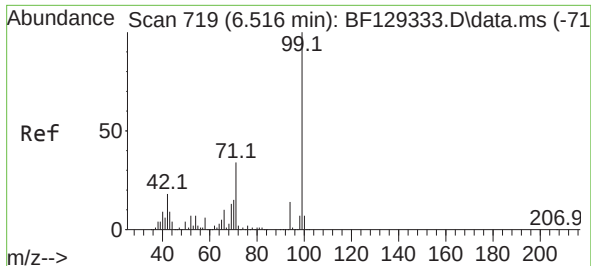
Reviewed By :Christian Giraldo 08/10/2022
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#6
Aniline
Concen: 31.954 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF129661.D
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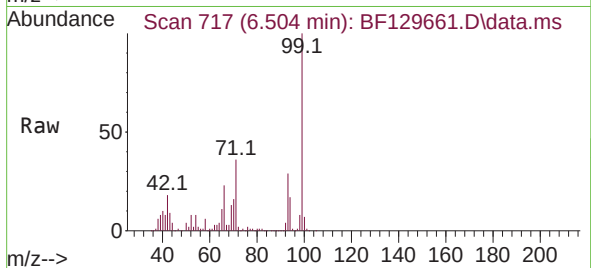
Tgt Ion: 93 Resp: 708764
Ion Ratio Lower Upper
93 100
66 83.3 32.5 48.7#
65 48.3 16.4 24.6#





#7
Phenol-d6
Concen: 110.377 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

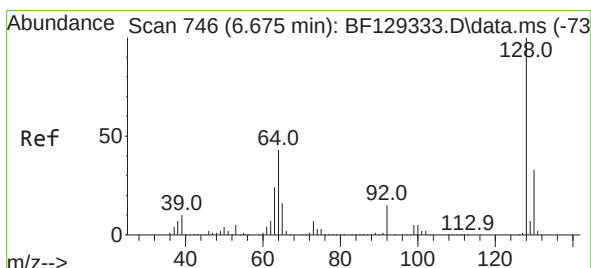
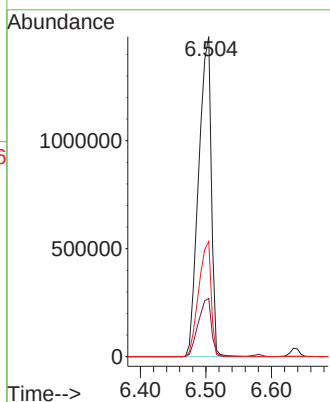
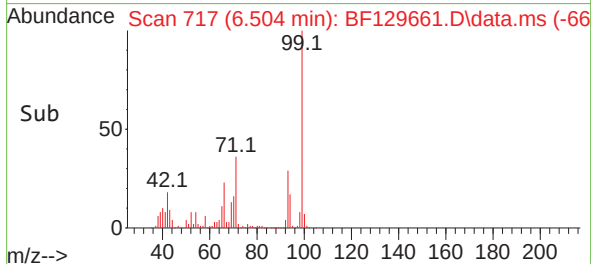
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 196935
Ion Ratio Lower Upper
99 100
42 18.2 17.3 25.9
71 36.0 28.9 43.3

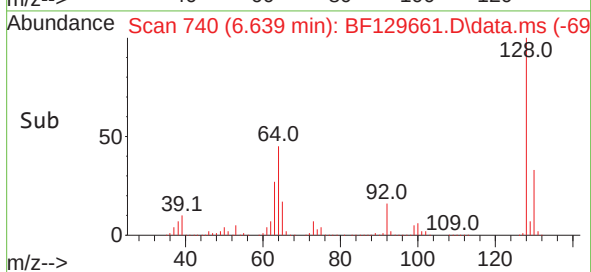
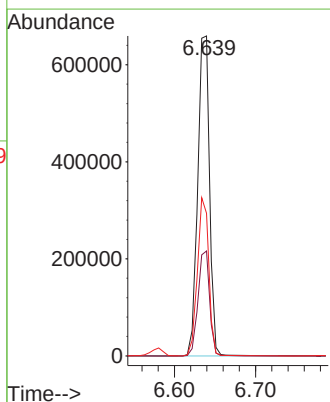
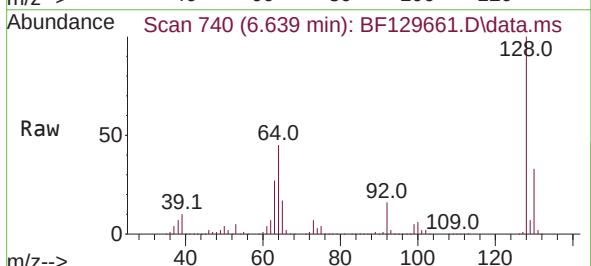
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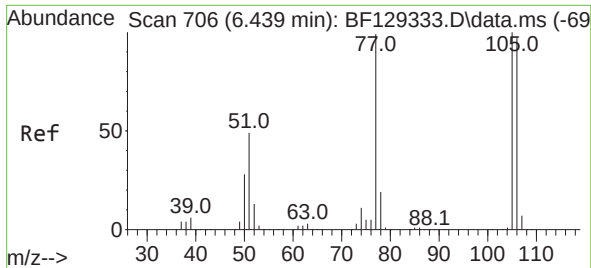
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#8
2-Chlorophenol
Concen: 42.908 ng
RT: 6.639 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:128 Resp: 665421
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 44.6 30.9 70.9





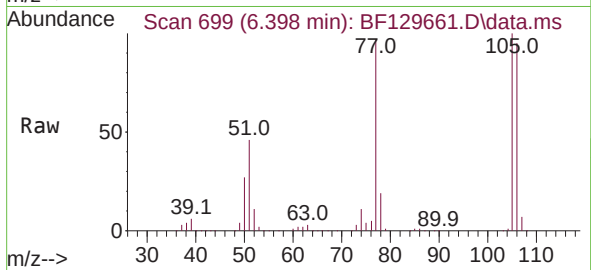
#9
Benzaldehyde
Concen: 25.969 ng
RT: 6.398 min Scan# 699
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

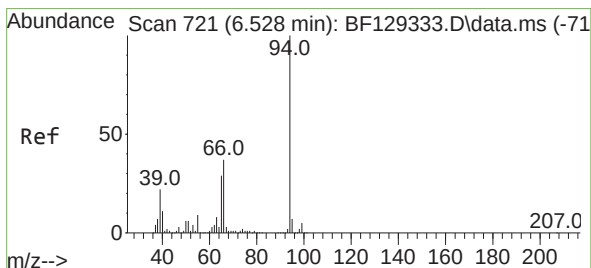
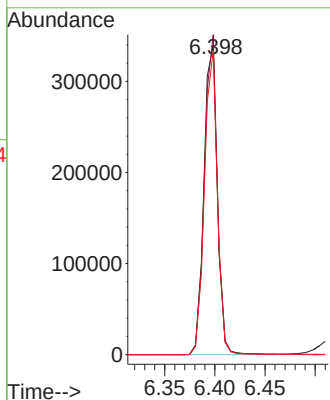


Tgt Ion: 77 Resp: 314652
Ion Ratio Lower Upper
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105 103.3 81.6 121.6
106 98.1 76.1 116.1

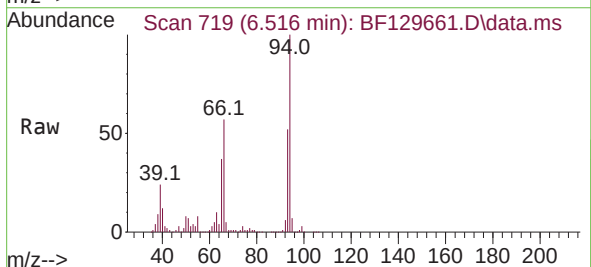
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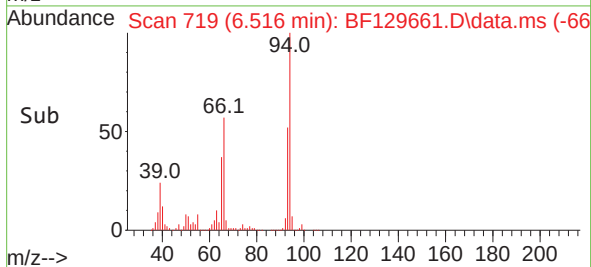
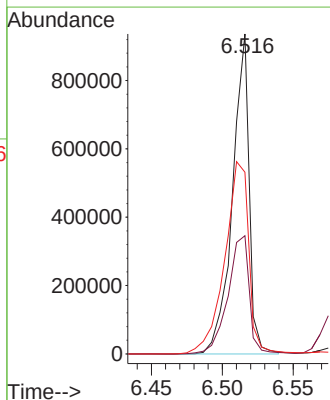
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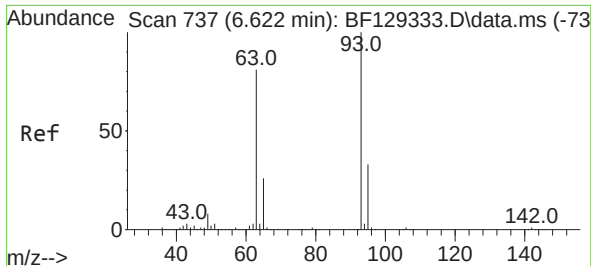


#10
Phenol
Concen: 40.508 ng m
RT: 6.516 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion: 94 Resp: 769661
Ion Ratio Lower Upper
94 100
65 36.9 11.4 51.4
66 56.8 21.4 61.4





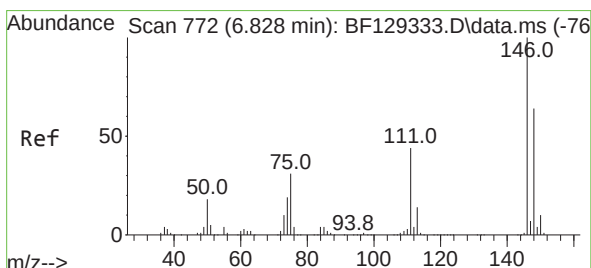
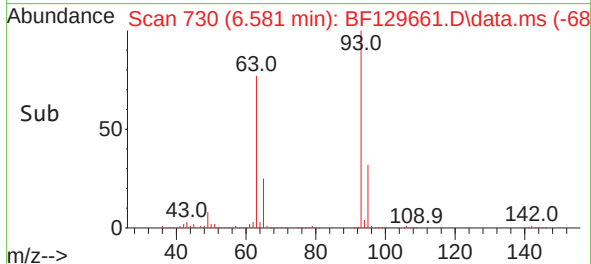
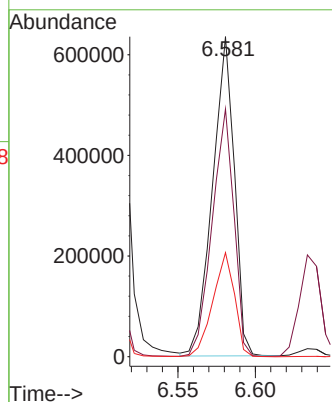
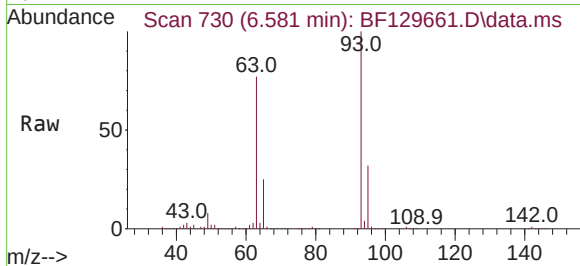
#11
bis(2-Chloroethyl)ether
Concen: 41.329 ng
RT: 6.581 min Scan# 730
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion: 93 Resp: 622760
Ion Ratio Lower Upper
93 100
63 77.4 67.4 107.4
95 32.5 12.7 52.7

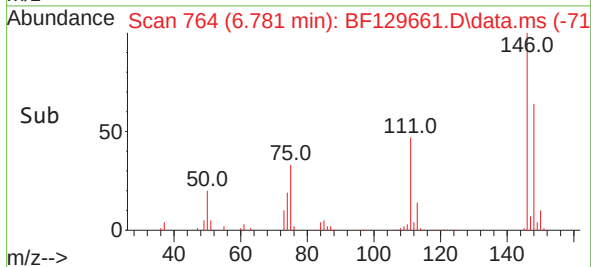
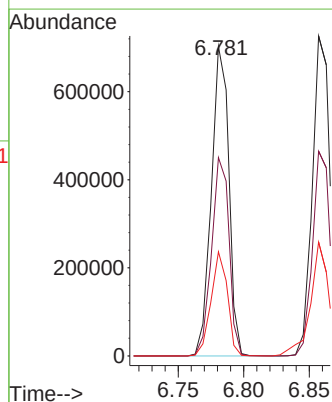
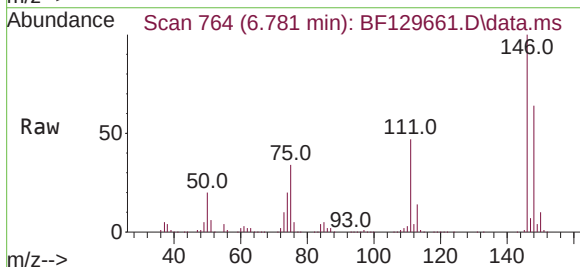
Manual Integrations
APPROVED

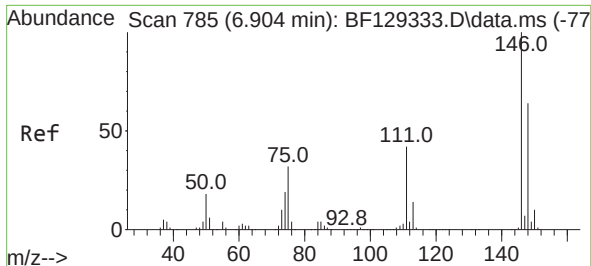
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#12
1,3-Dichlorobenzene
Concen: 39.014 ng
RT: 6.781 min Scan# 764
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:146 Resp: 648900
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
75 33.6 26.3 39.5





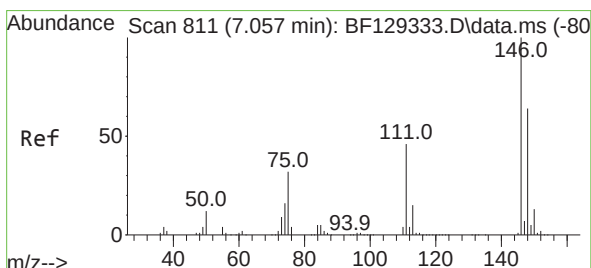
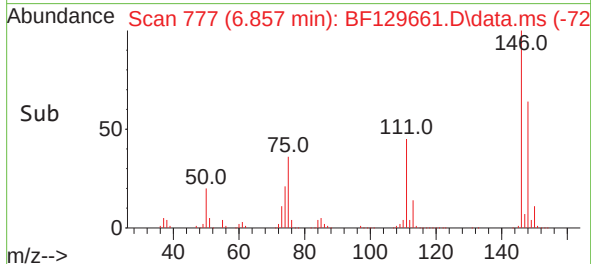
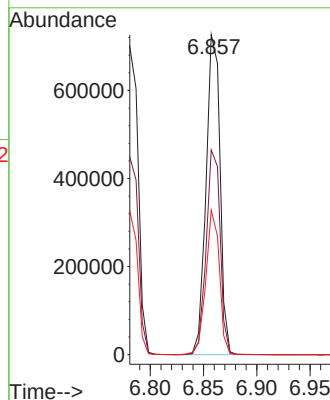
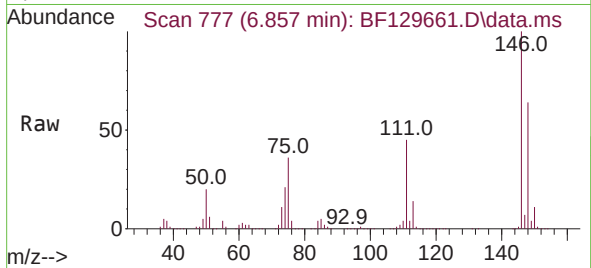
#13
1,4-Dichlorobenzene
Concen: 39.065 ng
RT: 6.857 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion:146 Resp: 660804
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 45.1 34.2 51.4

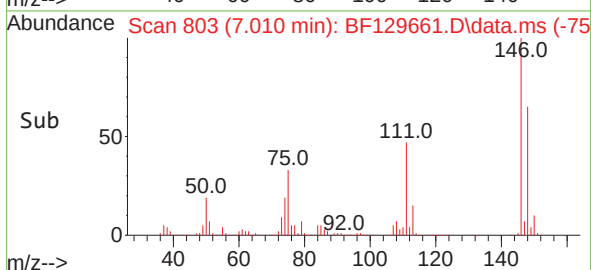
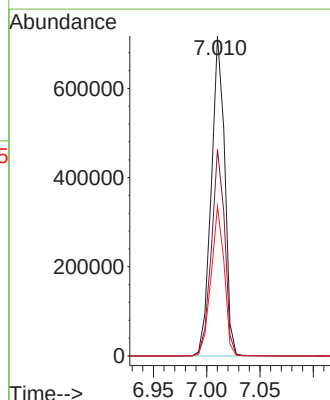
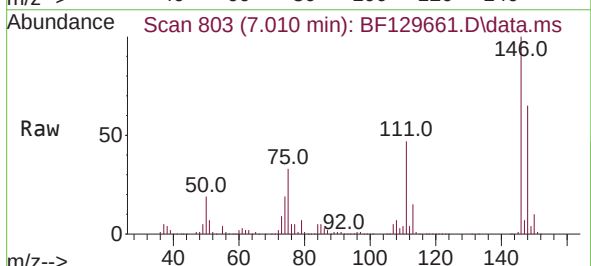
Manual Integrations
APPROVED

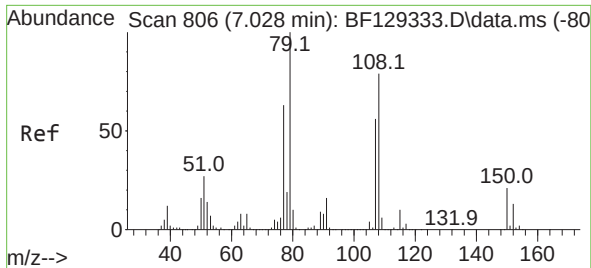
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#14
1,2-Dichlorobenzene
Concen: 40.554 ng
RT: 7.010 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:146 Resp: 630536
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
111 46.8 35.1 52.7





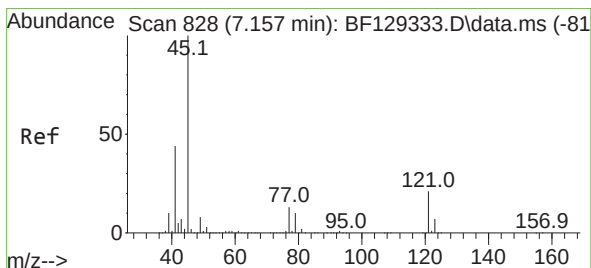
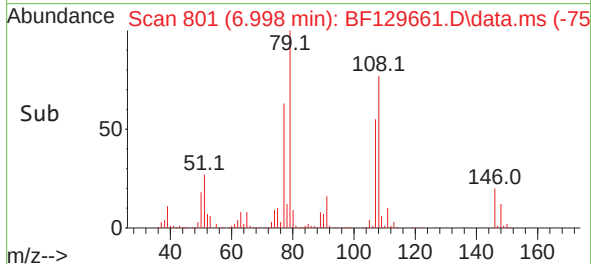
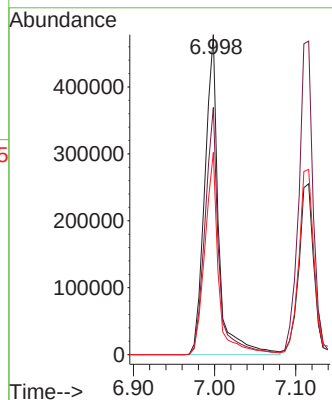
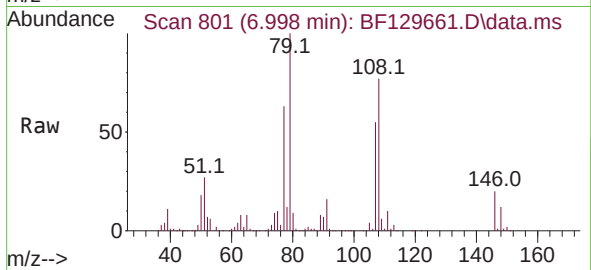
#15
Benzyl Alcohol
Concen: 43.872 ng
RT: 6.998 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion: 79 Resp: 567704
Ion Ratio Lower Upper
79 100
108 77.2 61.8 92.6
77 63.2 50.2 75.4

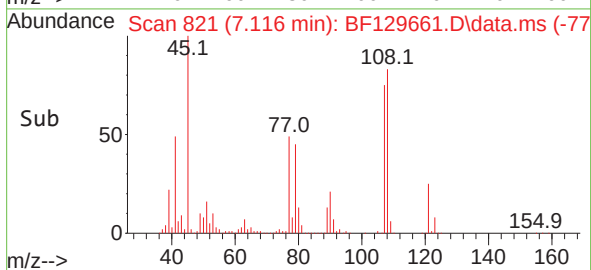
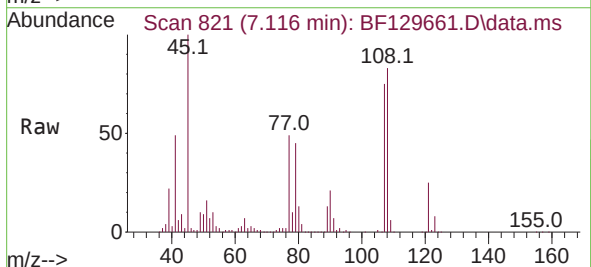
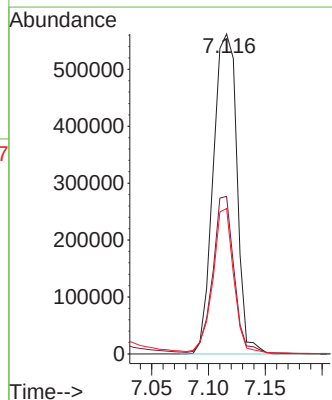
Manual Integrations
APPROVED

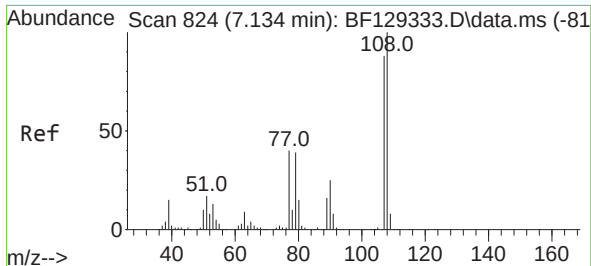
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.988 ng
RT: 7.116 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

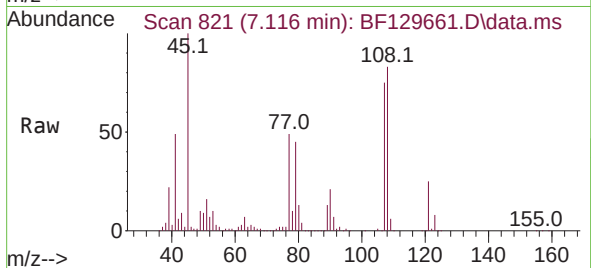
Tgt Ion: 45 Resp: 815140
Ion Ratio Lower Upper
45 100
77 49.2 0.0 31.3#
79 45.4 0.0 28.3#





#17
2-Methylphenol
Concen: 40.591 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

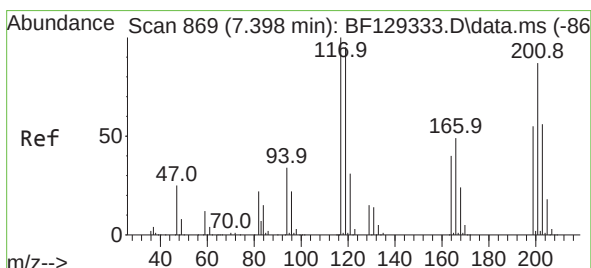
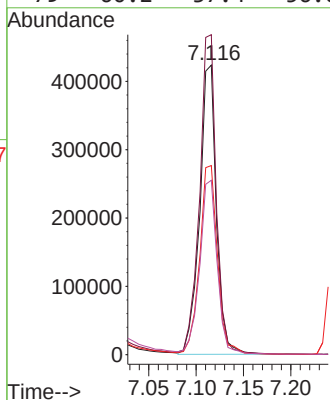
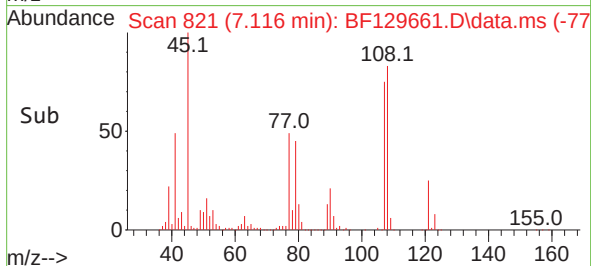
Instrument :
BNA_F
ClientSampleId :
PB146618BS



Tgt Ion:	107	Resp:	522218
Ion Ratio	Lower	Upper	
107	100		
108	110.5	91.9	137.9
77	65.3	37.8	56.8
79	60.2	37.4	56.0

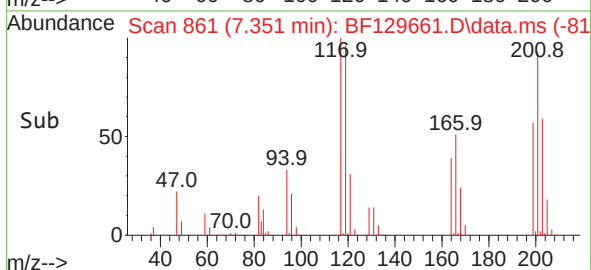
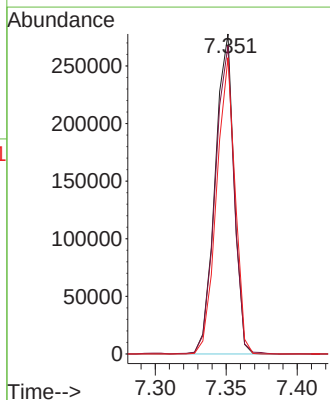
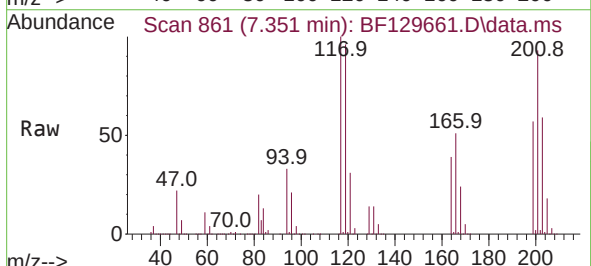
Manual Integrations
APPROVED

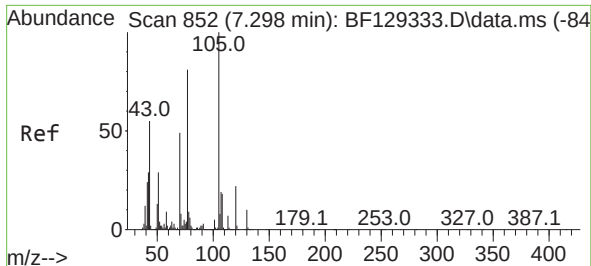
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#18
Hexachloroethane
Concen: 40.434 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:	117	Resp:	257535
Ion Ratio	Lower	Upper	
117	100		
119	96.3	77.4	116.2
201	92.6	84.6	127.0





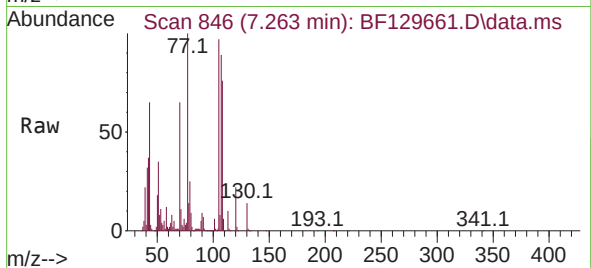
#19
n-Nitroso-di-n-propylamine
Concen: 41.631 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

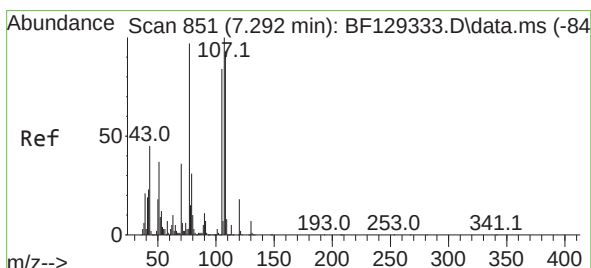
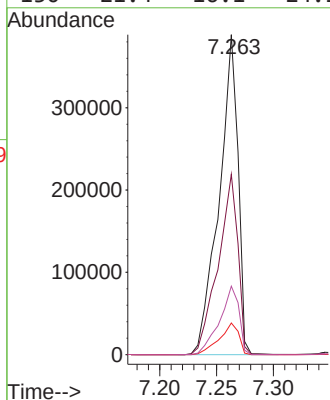
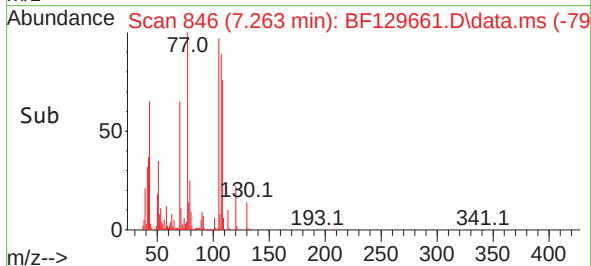


Tgt Ion: 70 Resp: 449673
Ion Ratio Lower Upper
70 100
42 56.3 52.3 78.5
101 9.9 7.5 11.3
130 21.4 16.1 24.1

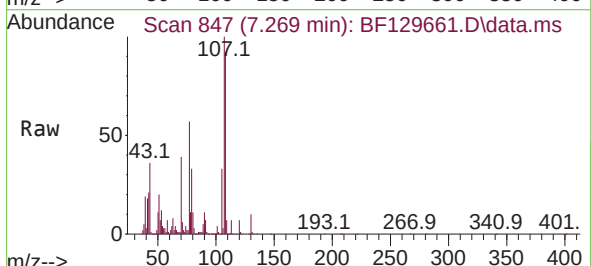
Manual Integrations

APPROVED

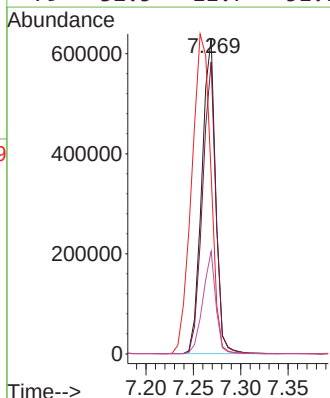
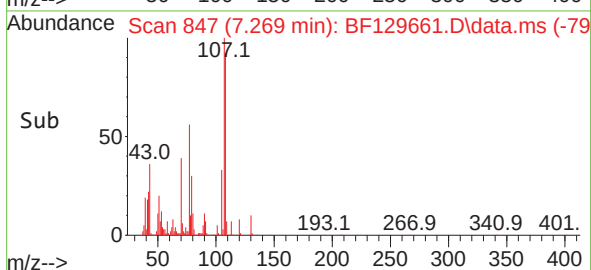
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

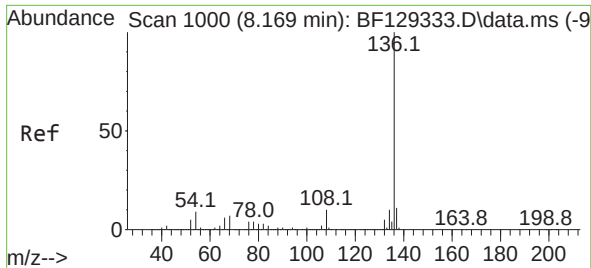


#20
3+4-Methylphenols
Concen: 39.387 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:107 Resp: 644285
Ion Ratio Lower Upper
107 100
108 92.5 71.8 111.8
77 56.9 59.3 99.3#
79 32.5 11.7 51.7





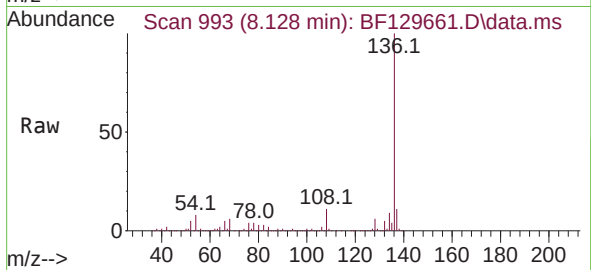
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

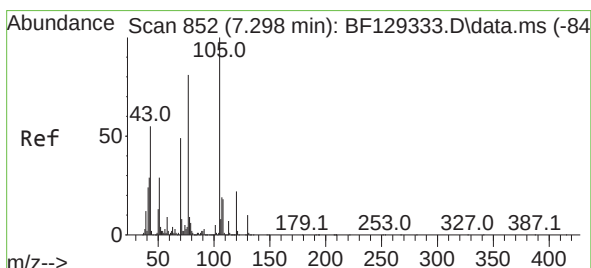
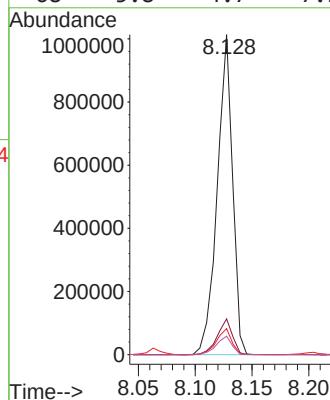
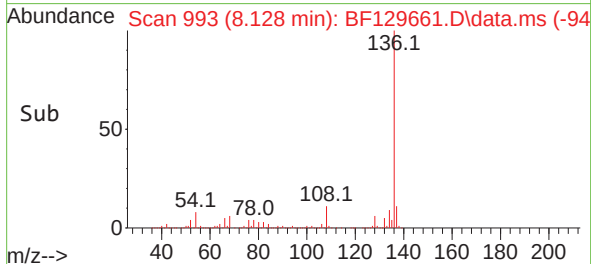


Tgt Ion:136 Resp: 949899
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 7.5 11.3
68 5.8 4.7 7.1

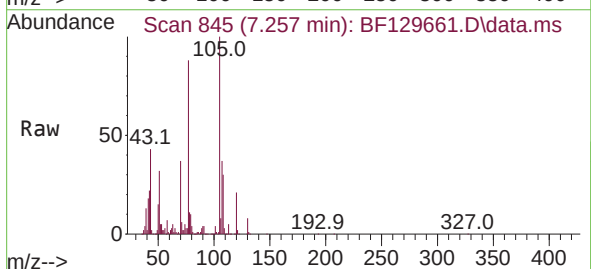
Manual Integrations

APPROVED

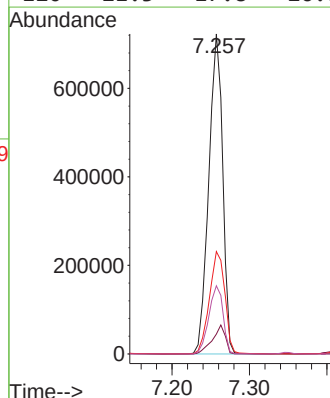
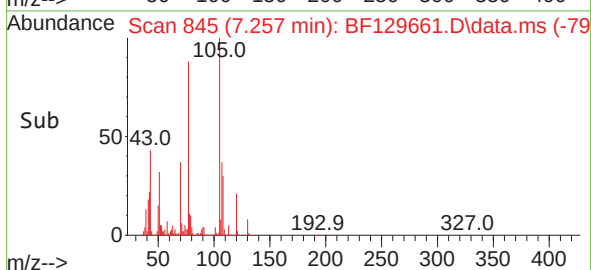
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

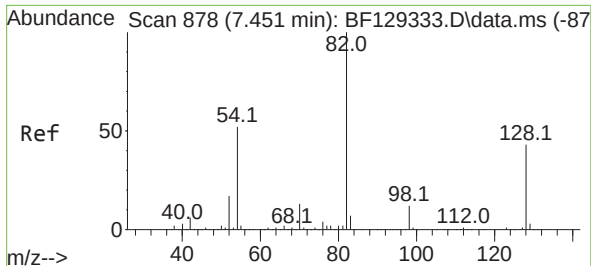


#22
Acetophenone
Concen: 40.704 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



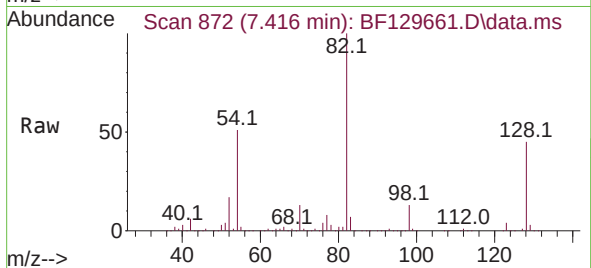
Tgt Ion:105 Resp: 900197
Ion Ratio Lower Upper
105 100
71 6.2 5.0 7.4
51 32.0 25.0 37.4
120 21.3 17.8 26.8





#23
Nitrobenzene-d5
Concen: 73.563 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

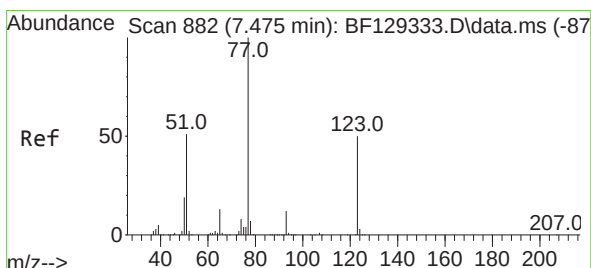
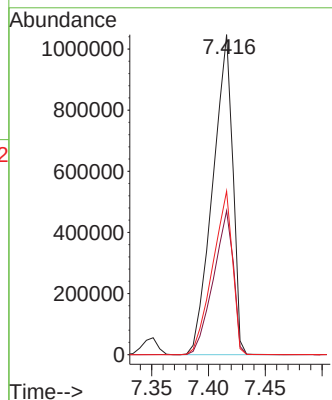
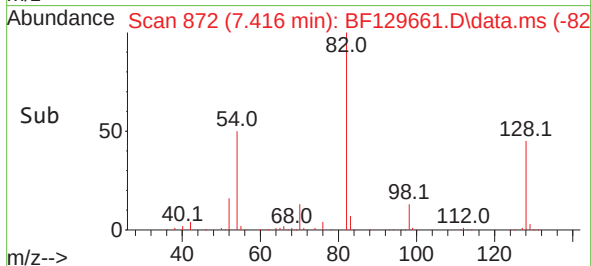
Instrument :
BNA_F
ClientSampleId :
PB146618BS



Tgt Ion: 82 Resp: 1280081
Ion Ratio Lower Upper
82 100
128 44.9 34.0 51.0
54 51.1 46.9 70.3

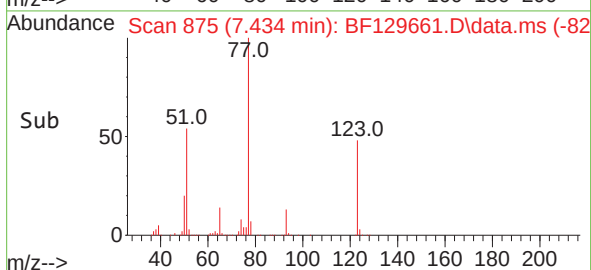
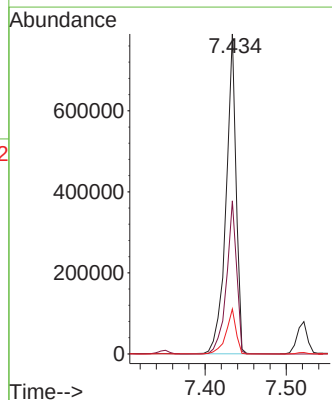
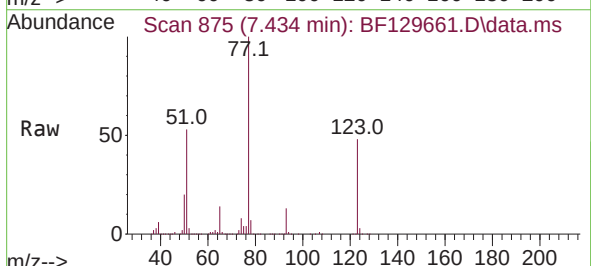
Manual Integrations
APPROVED

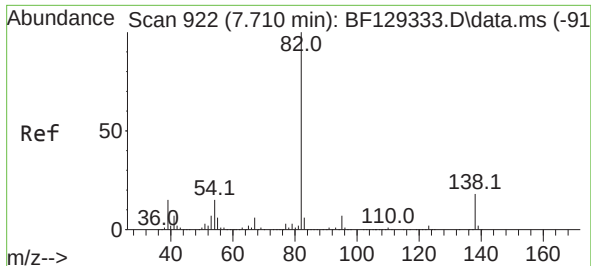
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#24
Nitrobenzene
Concen: 37.715 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 77 Resp: 675813
Ion Ratio Lower Upper
77 100
123 47.8 35.4 53.2
65 14.0 11.8 17.8





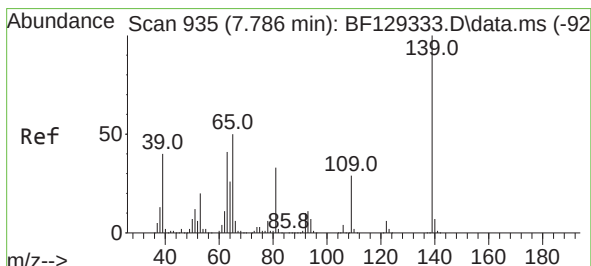
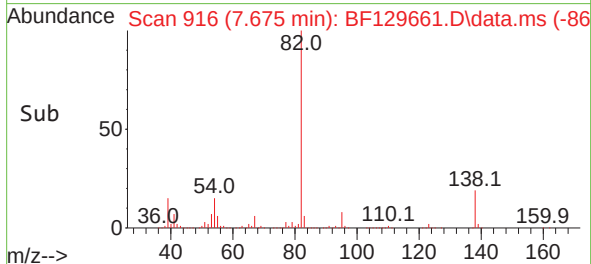
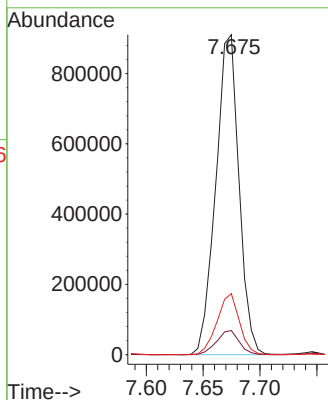
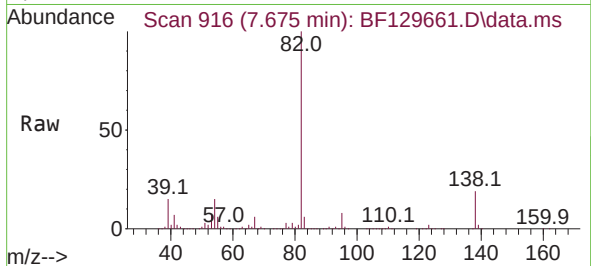
#25
Isophorone
Concen: 41.461 ng
RT: 7.675 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion: 82 Resp: 129321
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 19.1 14.2 21.2

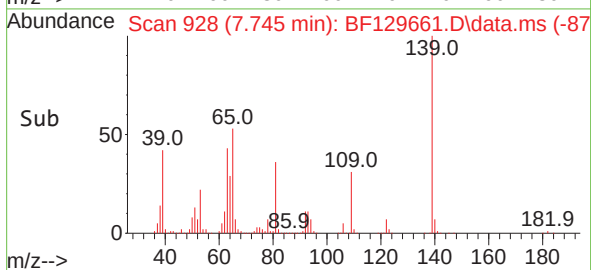
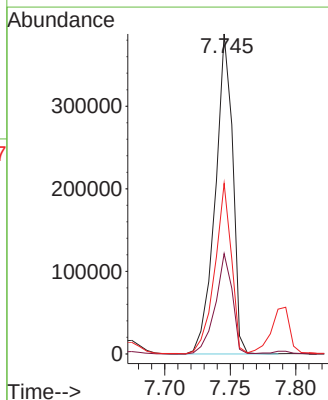
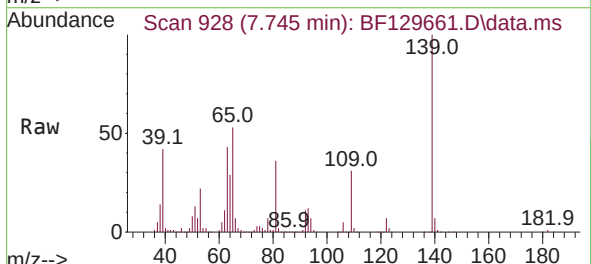
Manual Integrations
APPROVED

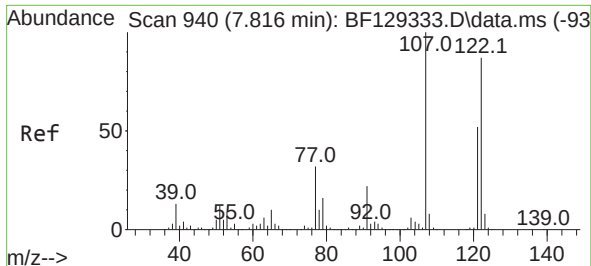
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#26
2-Nitrophenol
Concen: 40.656 ng
RT: 7.745 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:139 Resp: 359393
Ion Ratio Lower Upper
139 100
109 31.3 25.0 37.4
65 53.3 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 44.937 ng m
RT: 7.792 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

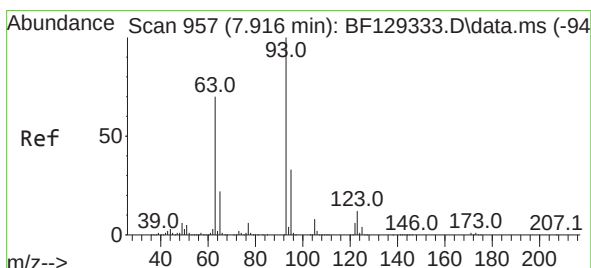
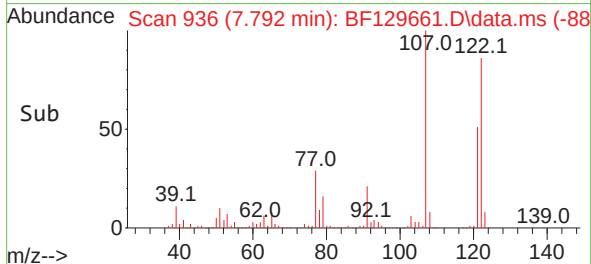
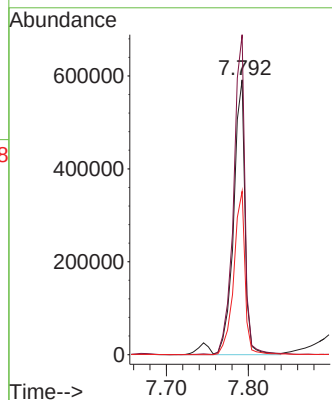
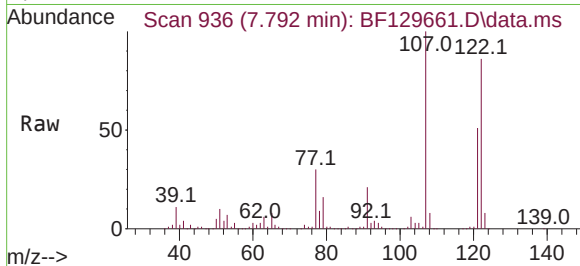
ClientSampleId :

PB146618BS

Tgt Ion:122 Resp: 595858
Ion Ratio Lower Upper
122 100
107 116.4 93.0 139.6
121 59.4 46.6 70.0

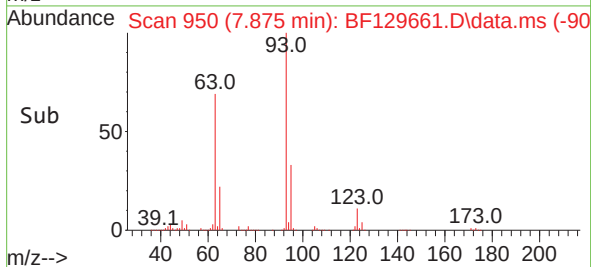
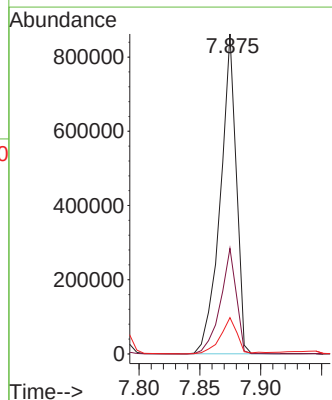
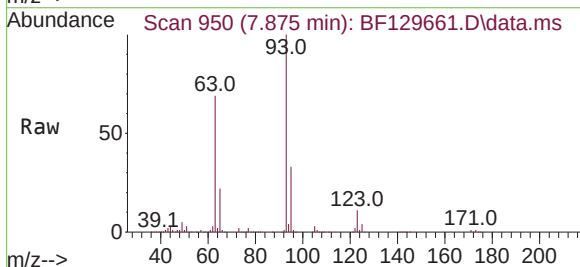
Manual Integrations
APPROVED

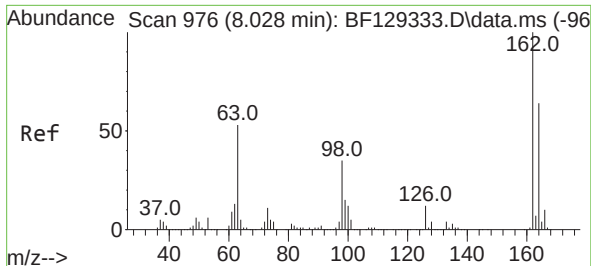
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#28
bis(2-Chloroethoxy)methane
Concen: 43.437 ng
RT: 7.875 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion: 93 Resp: 785963
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.977 ng

RT: 7.992 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

Tgt Ion:162 Resp: 547128

Ion Ratio Lower Upper

162 100

164 63.3 44.2 84.2

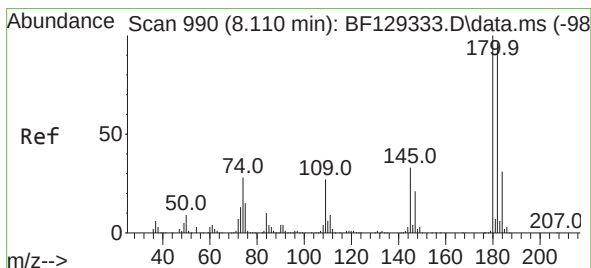
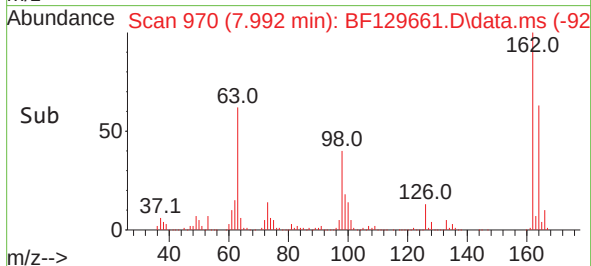
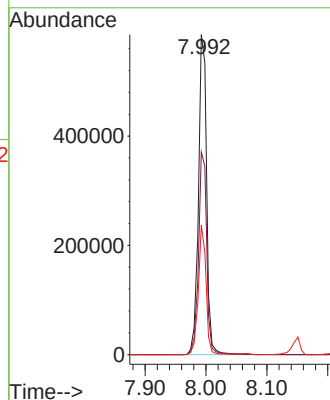
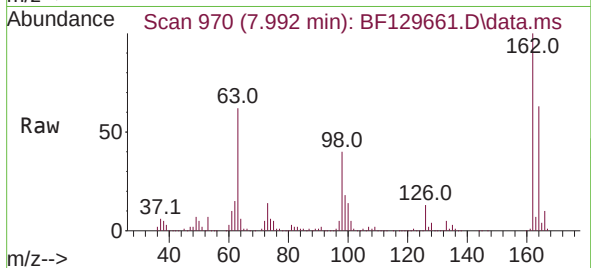
98 40.5 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#30

1,2,4-Trichlorobenzene

Concen: 38.752 ng

RT: 8.069 min Scan# 983

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

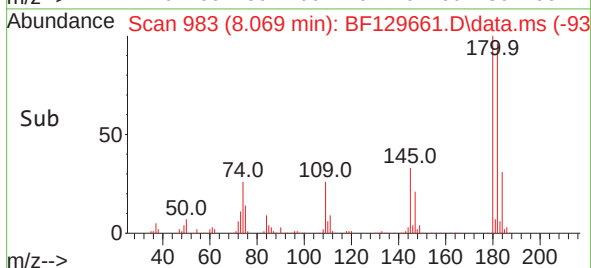
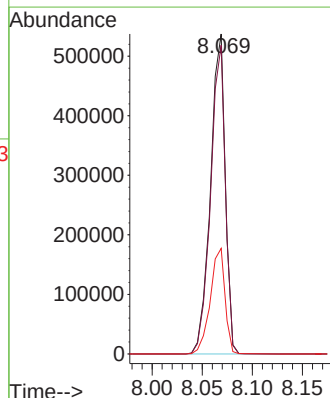
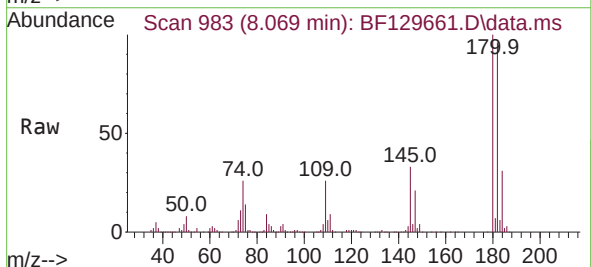
Tgt Ion:180 Resp: 548969

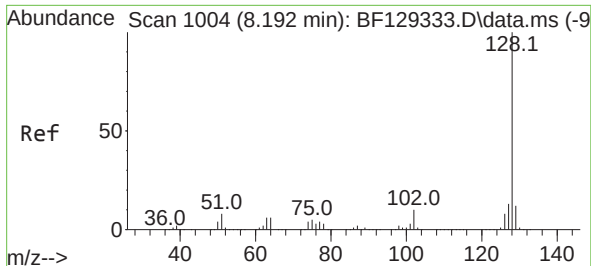
Ion Ratio Lower Upper

180 100

182 96.5 79.2 118.8

145 33.0 26.2 39.2





#31
Naphthalene
Concen: 37.935 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

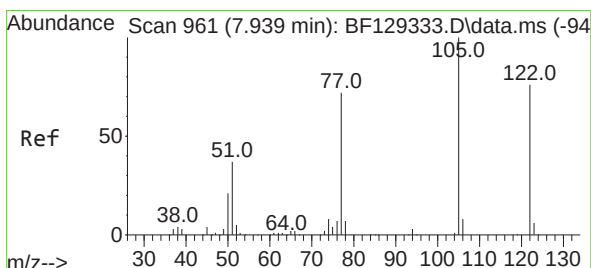
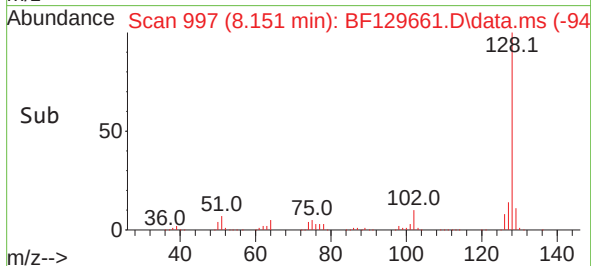
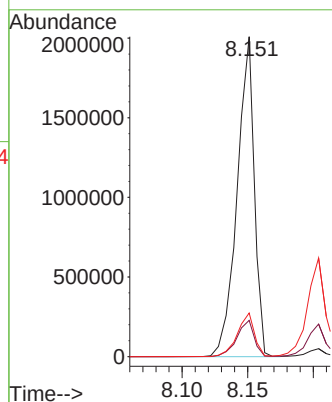
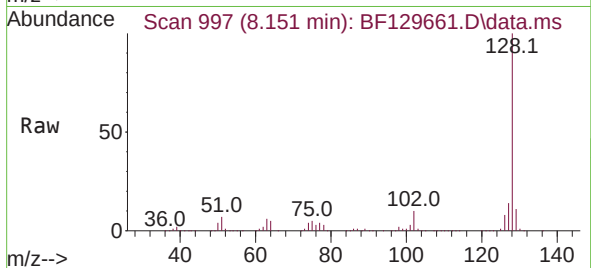
PB146618BS

Tgt Ion:128 Resp: 1830780
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.6 10.5 15.7

Manual Integrations

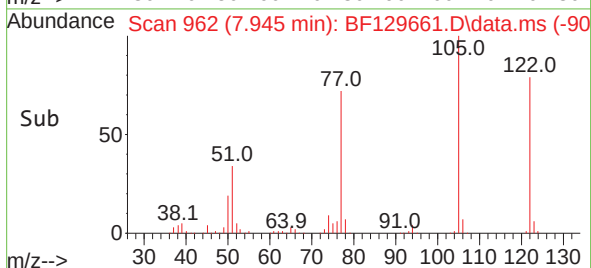
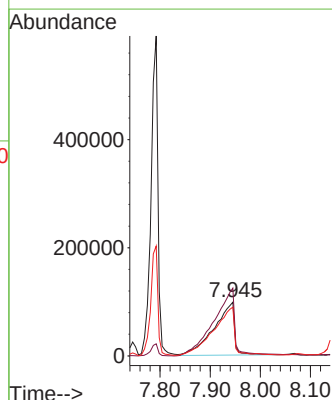
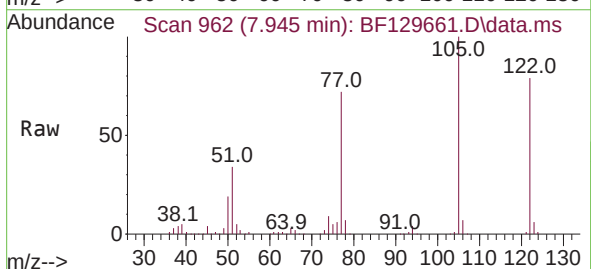
APPROVED

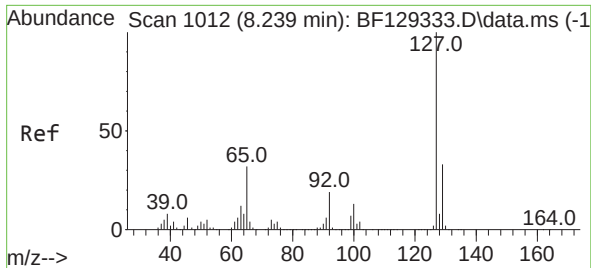
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#32
Benzoic acid
Concen: 29.353 ng
RT: 7.945 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

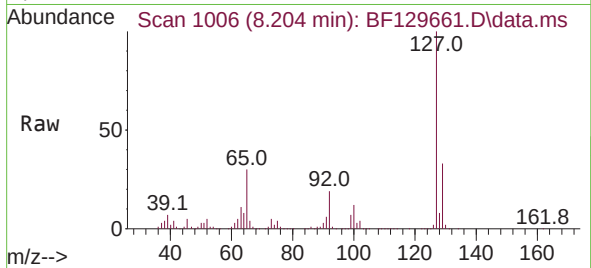
Tgt Ion:122 Resp: 281381
Ion Ratio Lower Upper
122 100
105 126.1 107.1 147.1
77 90.8 74.2 114.2





#33
4-Chloroaniline
Concen: 33.121 ng
RT: 8.204 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

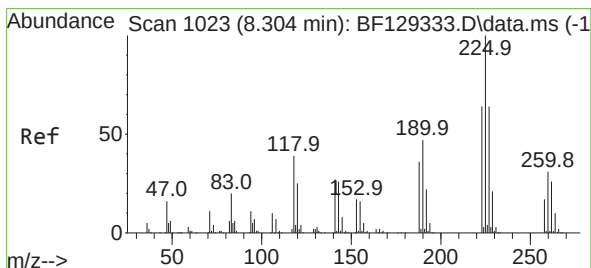
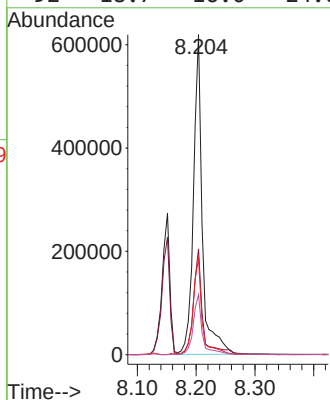
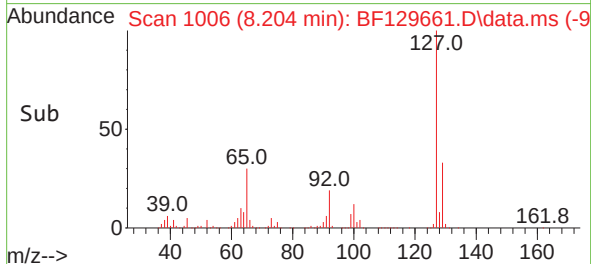
Instrument :
BNA_F
ClientSampleId :
PB146618BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	30.1	26.4	39.6
92	18.7	16.0	24.0

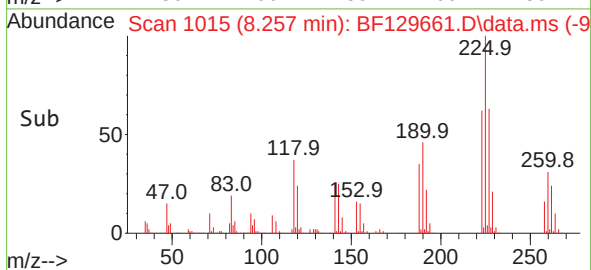
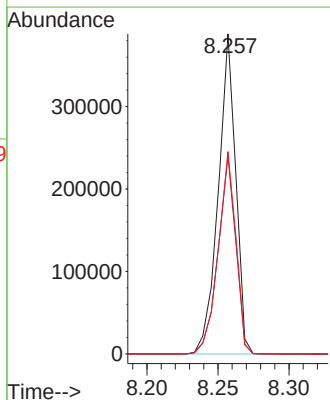
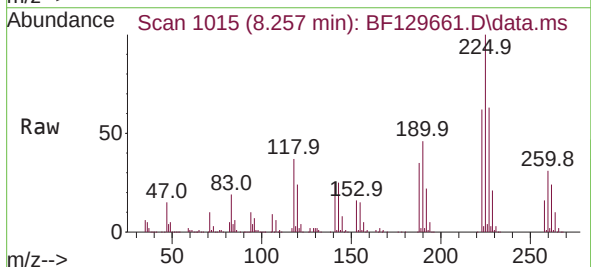
Manual Integrations
APPROVED

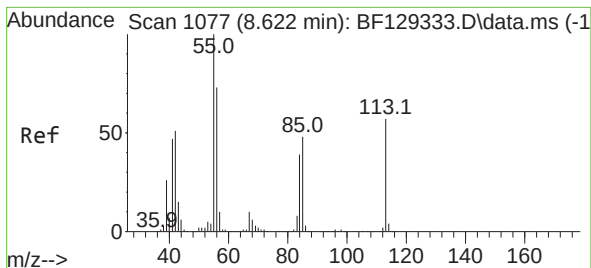
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#34
Hexachlorobutadiene
Concen: 41.244 ng
RT: 8.257 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	63.2	51.1	76.7





#35

Caprolactam

Concen: 37.450 ng m

RT: 8.598 min Scan# 1077

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

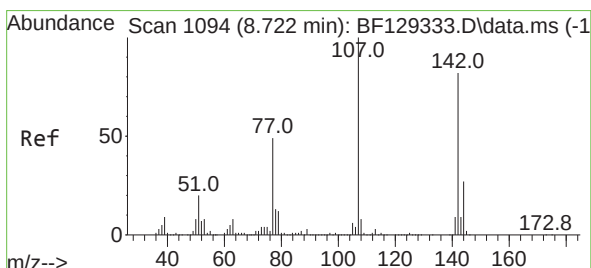
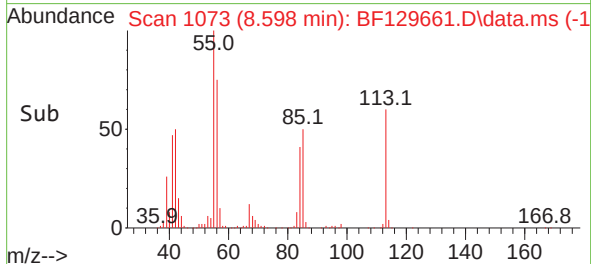
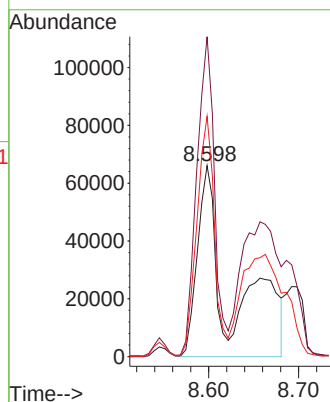
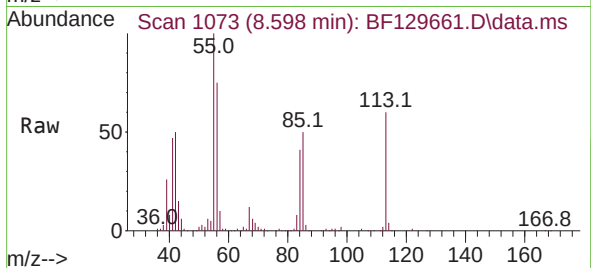
PB146618BS

Tgt Ion:	113	Resp:	166635
Ion Ratio	Lower	Upper	
113	100		
55	167.6	188.5	228.5
56	125.9	130.6	170.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#36

4-Chloro-3-methylphenol

Concen: 42.151 ng

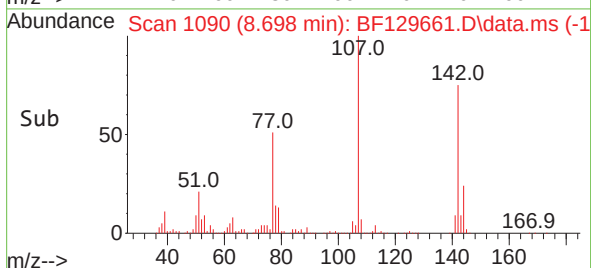
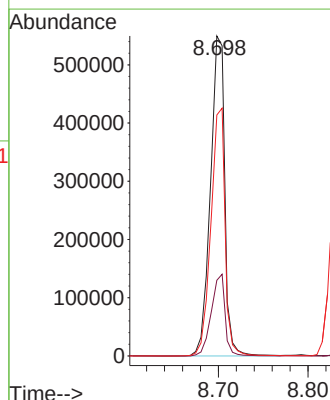
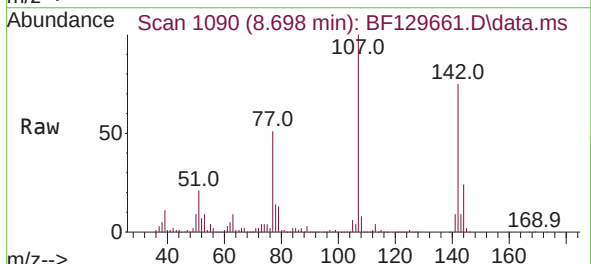
RT: 8.698 min Scan# 1090

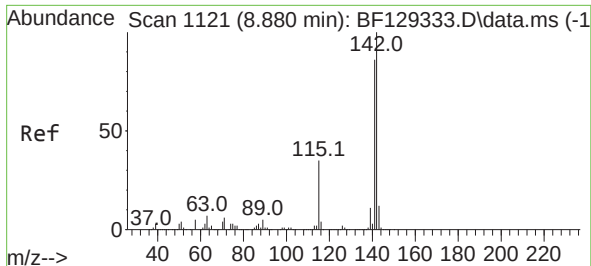
Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Tgt Ion:	107	Resp:	611853
Ion Ratio	Lower	Upper	
107	100		
144	23.6	19.5	29.3
142	75.3	58.2	87.4





#37

2-Methylnaphthalene

Concen: 39.444 ng

RT: 8.839 min Scan# 1114

Delta R.T. -0.012 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

Tgt Ion:142 Resp: 123705

Ion Ratio Lower Upper

142 100

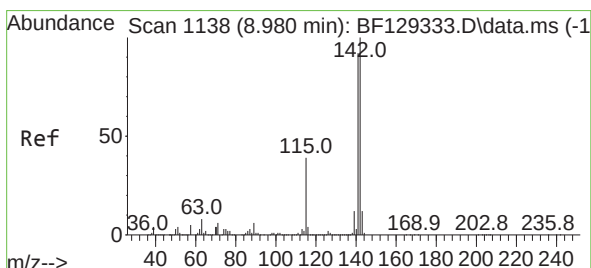
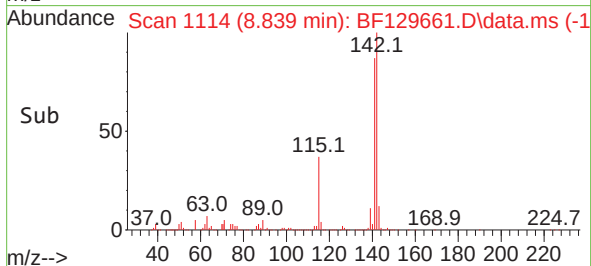
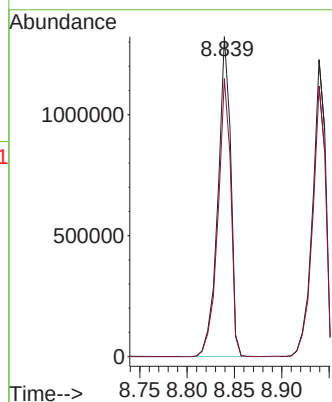
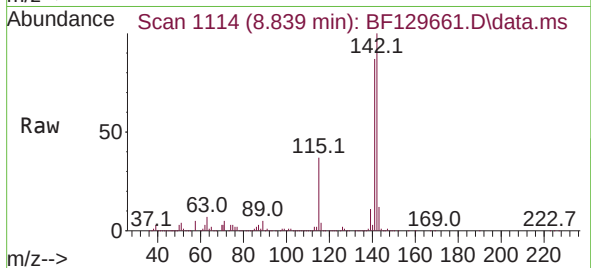
141 86.9 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#38

1-Methylnaphthalene

Concen: 38.496 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.012 min

Lab File: BF129661.D

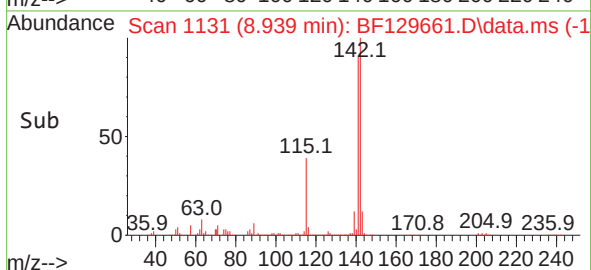
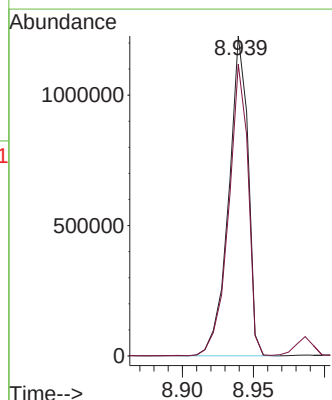
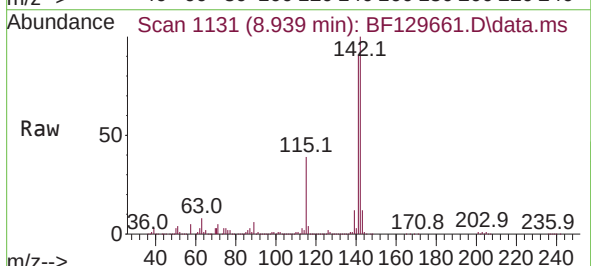
Acq: 09 Aug 2022 11:53

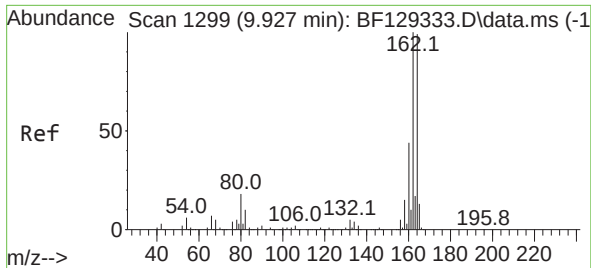
Tgt Ion:142 Resp: 1165496

Ion Ratio Lower Upper

142 100

141 91.2 74.2 111.4





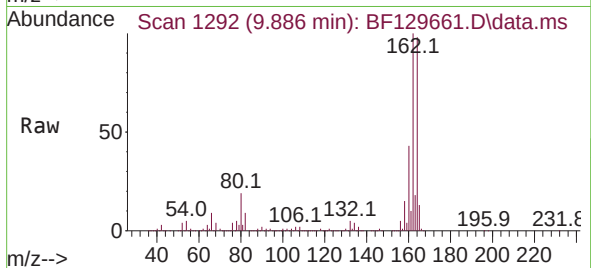
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

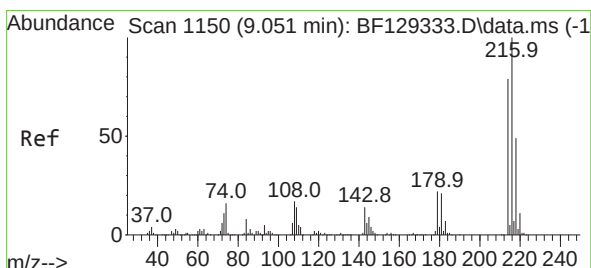
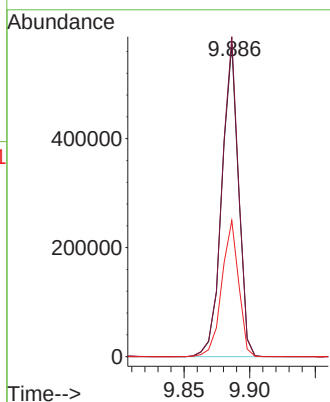
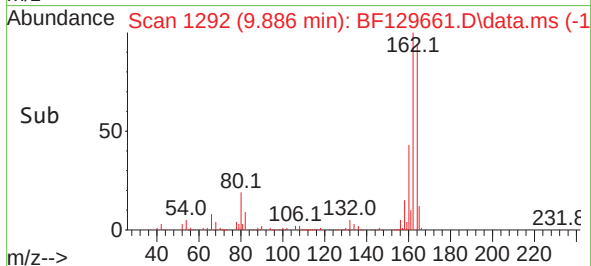


Tgt Ion:164 Resp: 506238
Ion Ratio Lower Upper
164 100
162 102.5 79.5 119.3
160 43.6 34.2 51.4

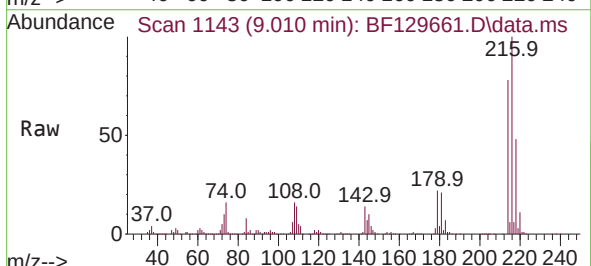
Manual Integrations

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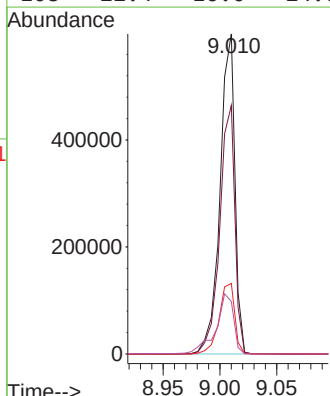
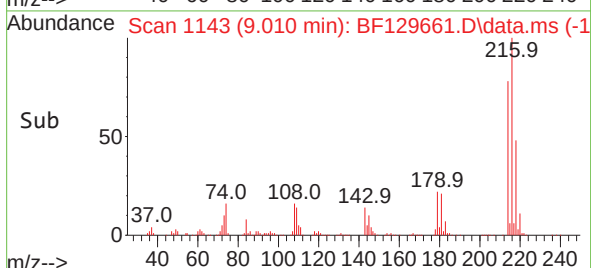
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

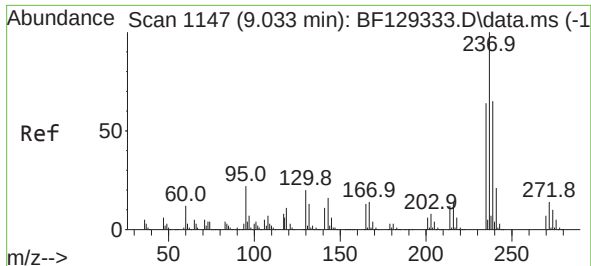


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.789 ng
RT: 9.010 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:216 Resp: 542204
Ion Ratio Lower Upper
216 100
214 79.2 63.6 95.4
179 23.2 17.0 25.6
108 22.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 77.893 ng
RT: 8.986 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

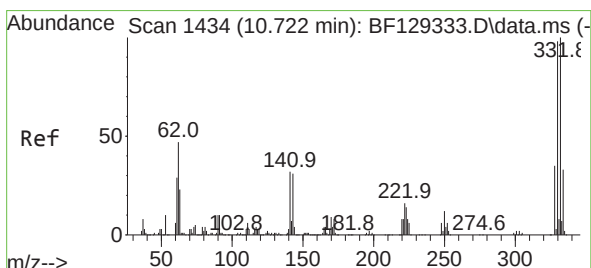
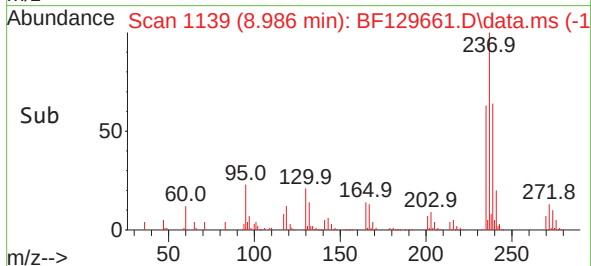
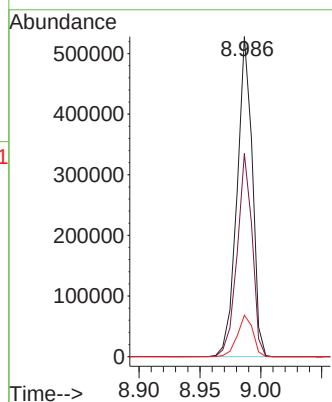
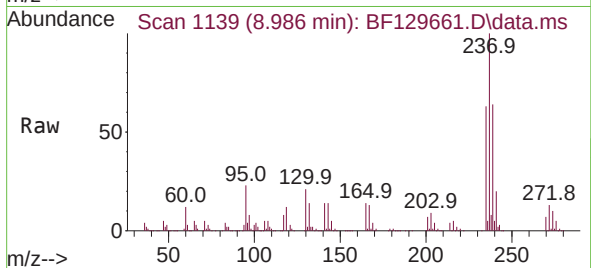
PB146618BS

Tgt Ion:237 Resp: 461061
Ion Ratio Lower Upper
237 100
235 63.5 43.2 83.2
272 12.9 0.0 31.9

Manual Integrations

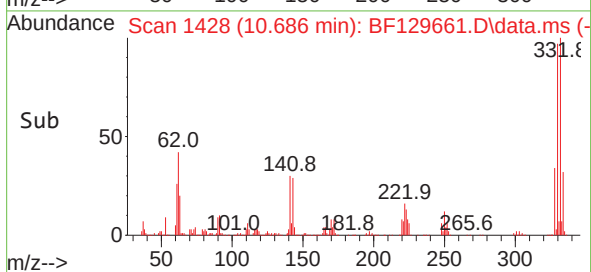
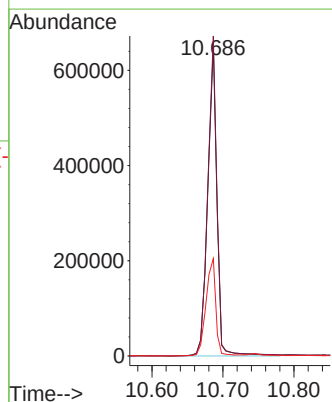
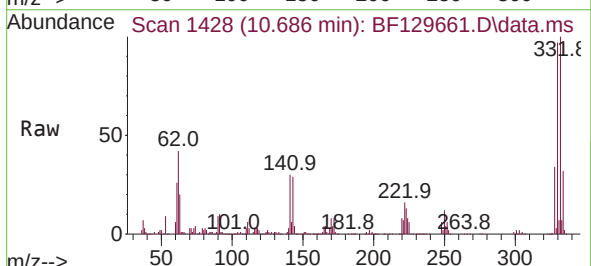
APPROVED

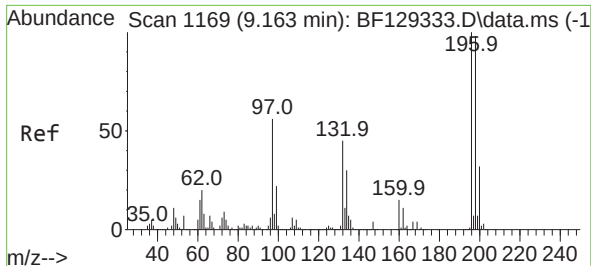
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#42
2,4,6-Tribromophenol
Concen: 119.647 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:330 Resp: 582334
Ion Ratio Lower Upper
330 100
332 103.7 76.8 115.2
141 33.5 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 38.084 ng

RT: 9.128 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

Tgt Ion:196 Resp: 367685

Ion Ratio Lower Upper

196 100

198 96.0 74.0 111.0

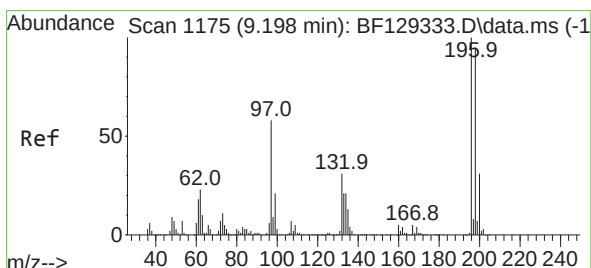
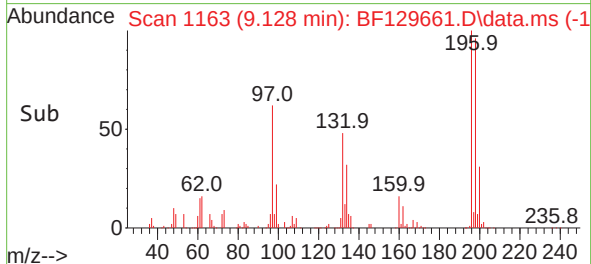
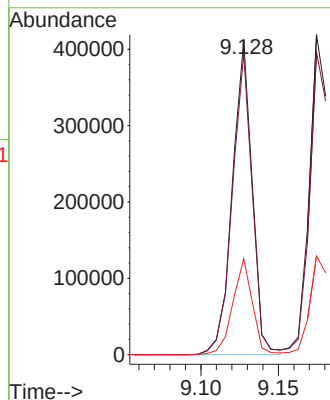
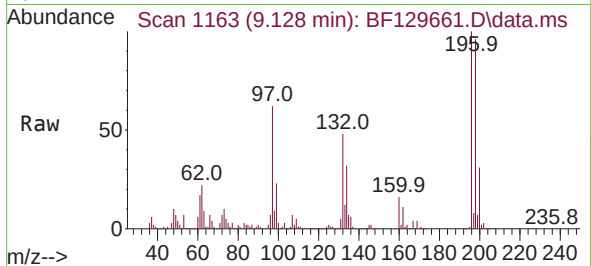
200 30.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#44

2,4,5-Trichlorophenol

Concen: 37.092 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Tgt Ion:196 Resp: 389432

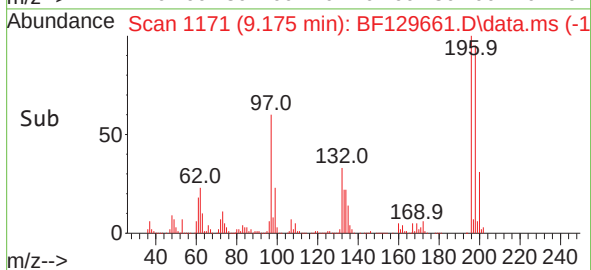
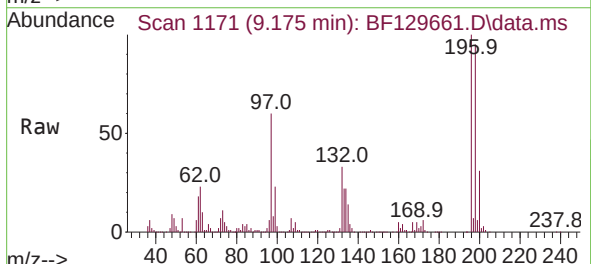
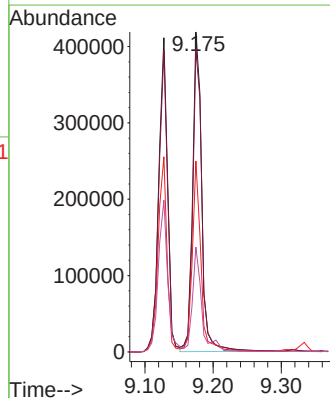
Ion Ratio Lower Upper

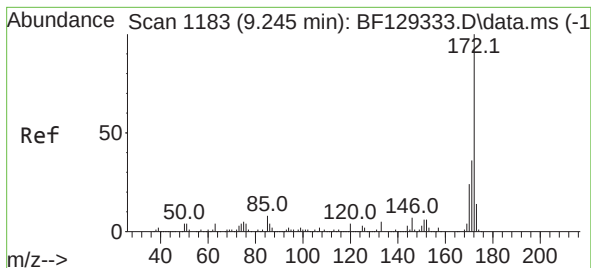
196 100

198 94.5 75.7 113.5

97 59.6 36.4 54.6#

132 32.7 20.7 31.1#





#45

2-Fluorobiphenyl

Concen: 72.126 ng

RT: 9.204 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

Tgt Ion:172 Resp: 2360324

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

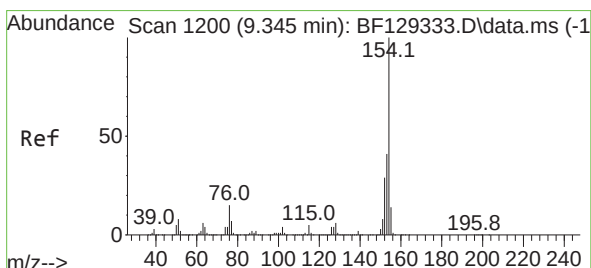
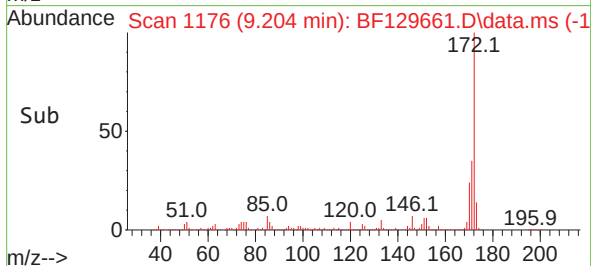
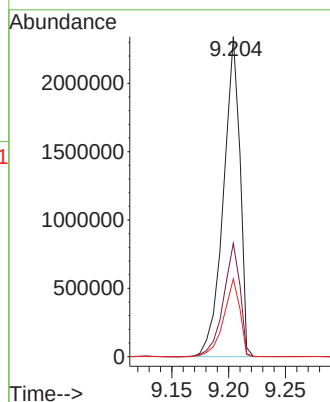
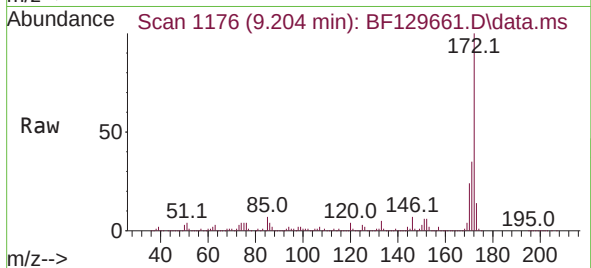
170 24.3 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#46

1,1'-Biphenyl

Concen: 40.498 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.012 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

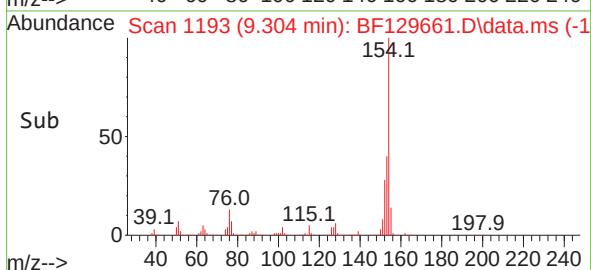
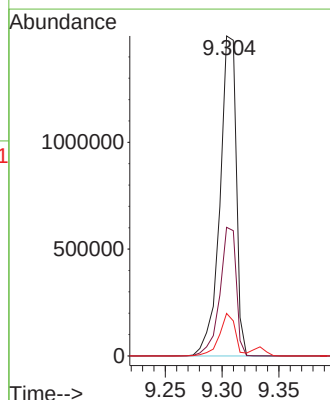
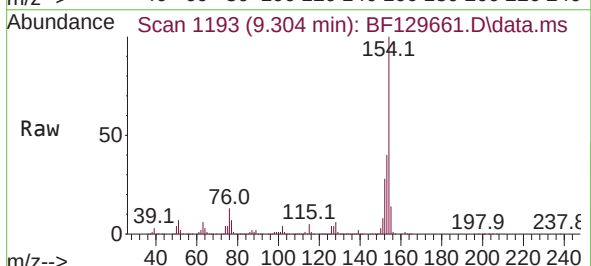
Tgt Ion:154 Resp: 1496205

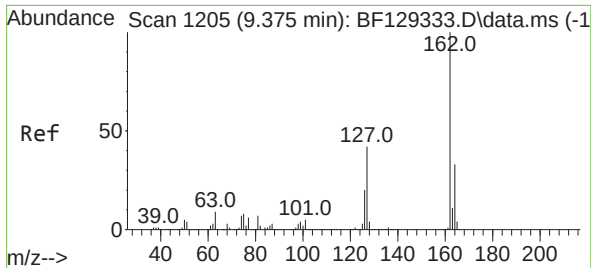
Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

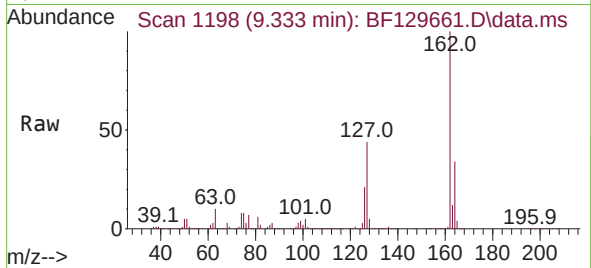
76 13.3 0.0 33.3





#47
2-Chloronaphthalene
Concen: 38.616 ng
RT: 9.333 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

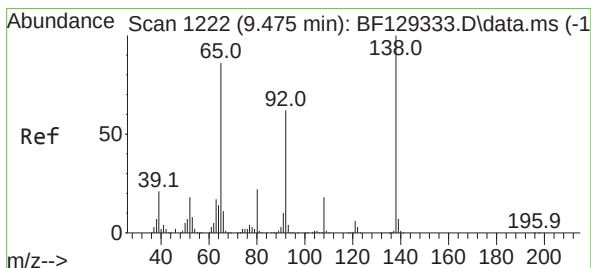
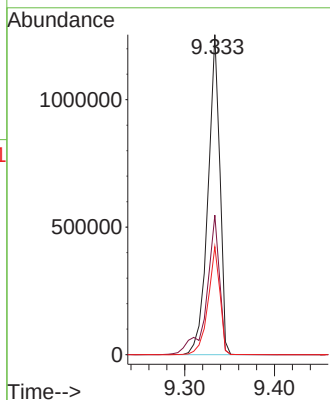
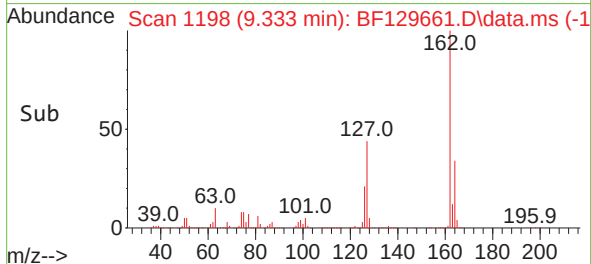
Instrument :
BNA_F
ClientSampleId :
PB146618BS



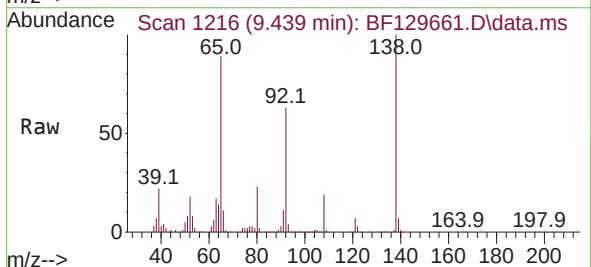
Tgt Ion:162 Resp: 1153325
Ion Ratio Lower Upper
162 100
127 43.6 34.5 51.7
164 33.8 26.5 39.7

Manual Integrations
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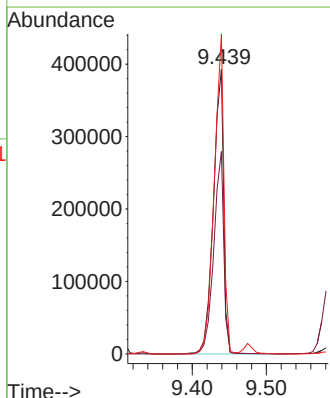
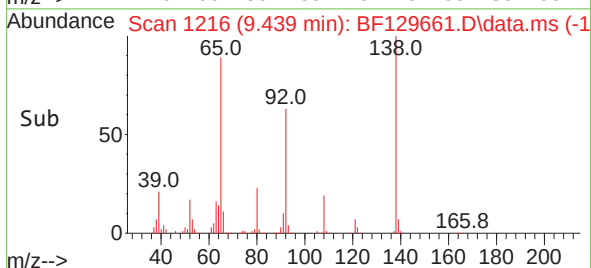
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

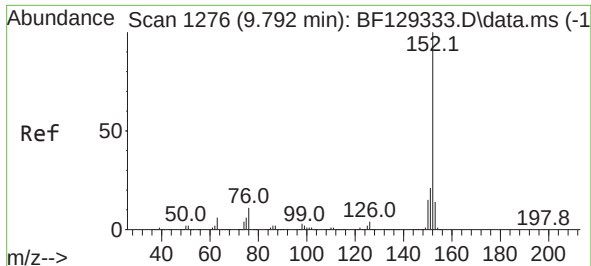


#48
2-Nitroaniline
Concen: 38.020 ng
RT: 9.439 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



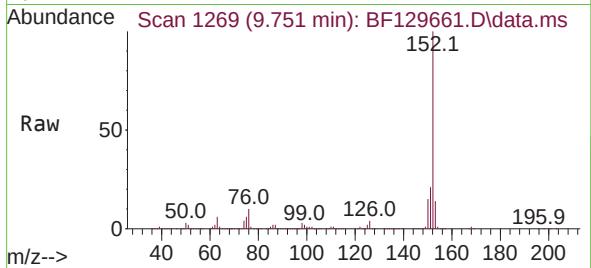
Tgt Ion: 65 Resp: 377590
Ion Ratio Lower Upper
65 100
92 71.0 51.9 77.9
138 112.4 76.4 114.6





#49
Acenaphthylene
Concen: 37.887 ng
RT: 9.751 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

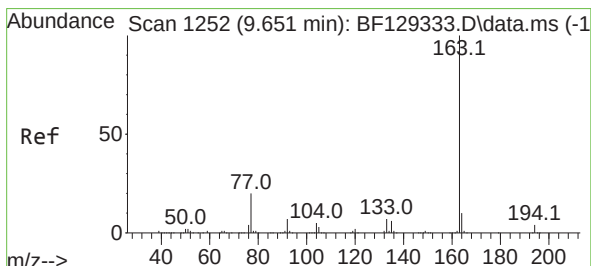
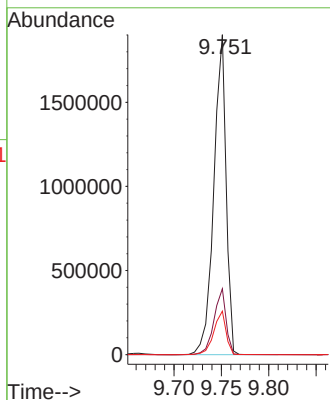
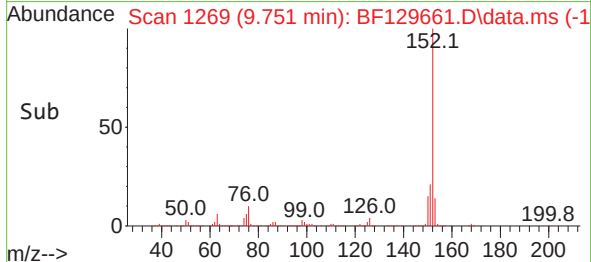
Instrument :
BNA_F
ClientSampleId :
PB146618BS



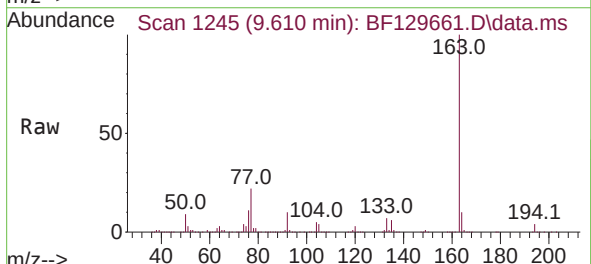
Tgt Ion:152 Resp: 1719411
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.6 10.7 16.1

Manual Integrations
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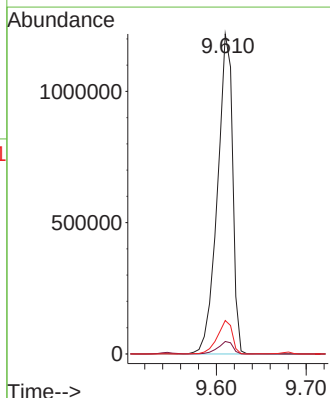
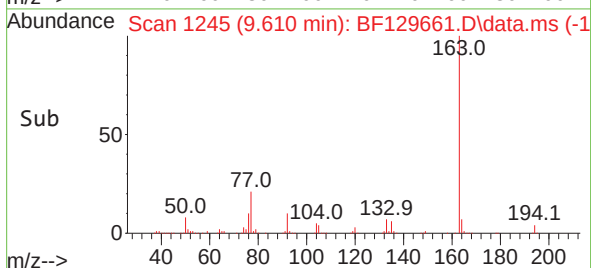
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

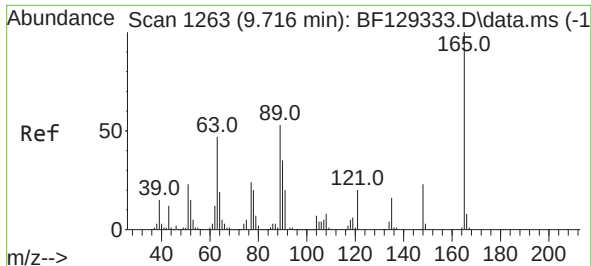


#50
Dimethylphthalate
Concen: 41.208 ng
RT: 9.610 min Scan# 1245
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:163 Resp: 1440108
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 39.961 ng
RT: 9.680 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

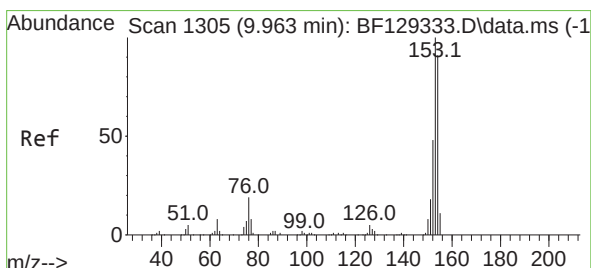
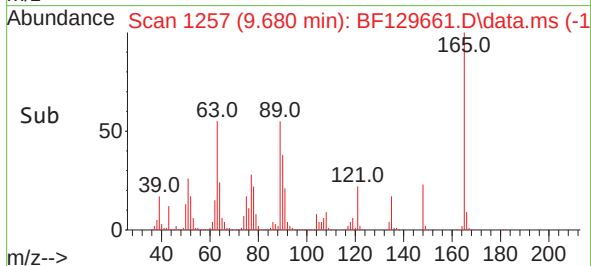
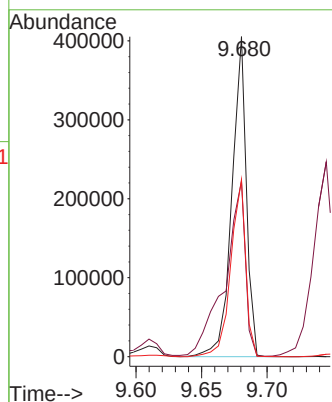
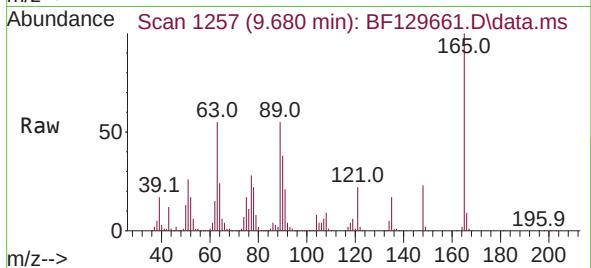
ClientSampleId :

PB146618BS

Tgt Ion:165 Resp: 312569
Ion Ratio Lower Upper
165 100
63 54.8 44.9 67.3
89 55.3 43.6 65.4

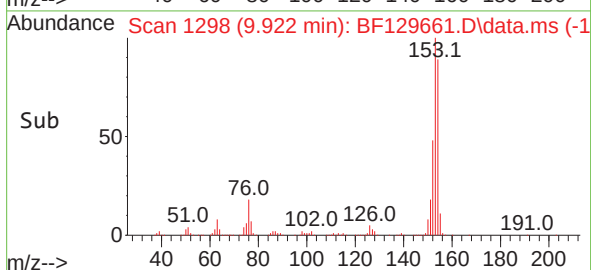
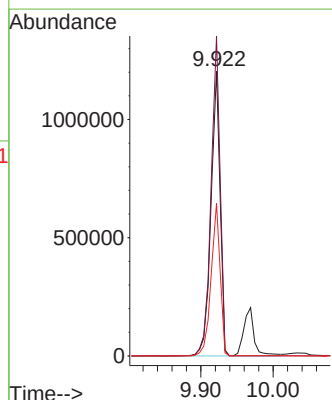
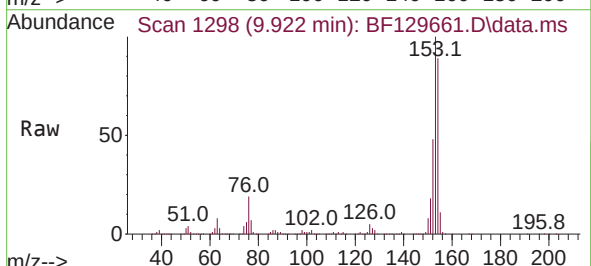
Manual Integrations
APPROVED

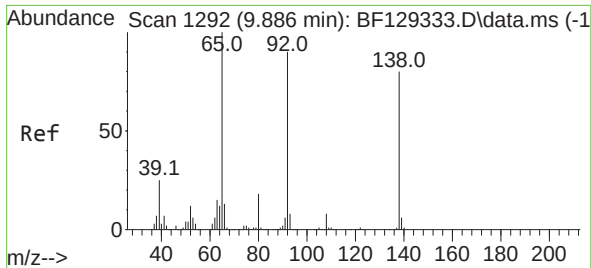
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#52
Acenaphthene
Concen: 42.362 ng m
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:154 Resp: 1255658
Ion Ratio Lower Upper
154 100
153 112.4 89.6 134.4
152 53.6 42.4 63.6





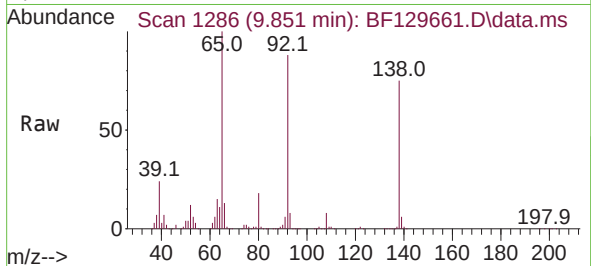
#53
3-Nitroaniline
Concen: 30.006 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

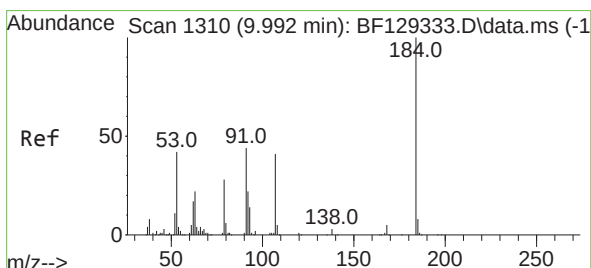
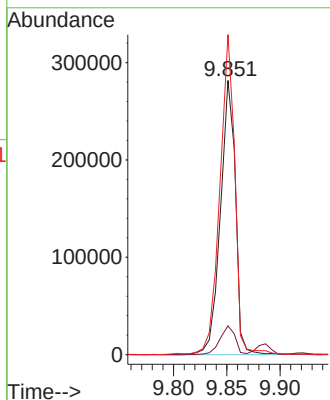
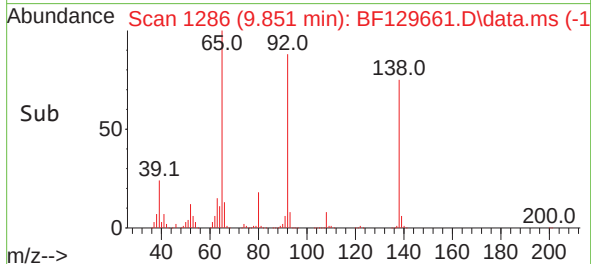


Tgt Ion:138 Resp: 277149
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3
92 116.7 98.2 147.2

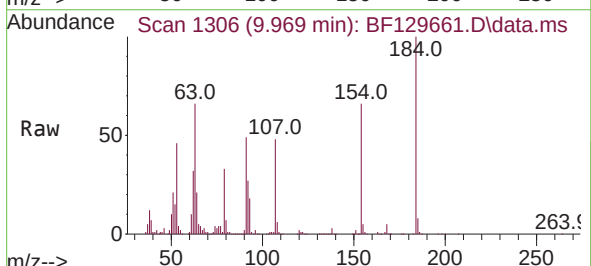
Manual Integrations

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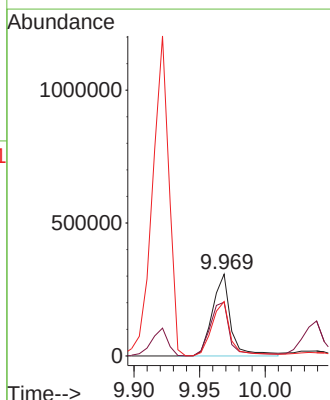
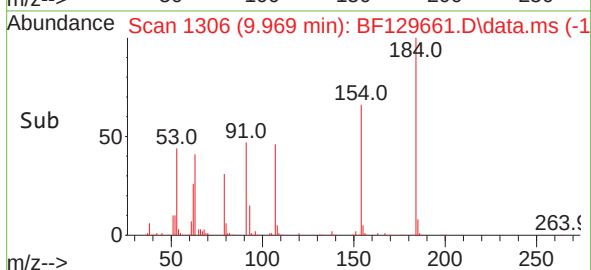
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

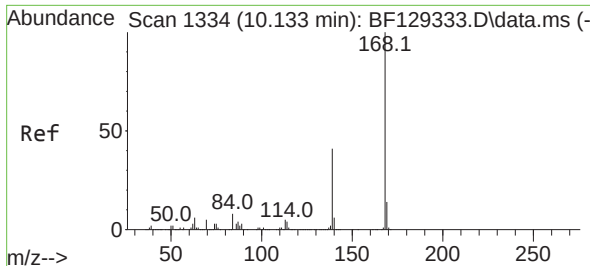


#54
2,4-Dinitrophenol
Concen: 75.144 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:184 Resp: 300056
Ion Ratio Lower Upper
184 100
63 65.8 64.5 96.7
154 66.4 50.6 75.8





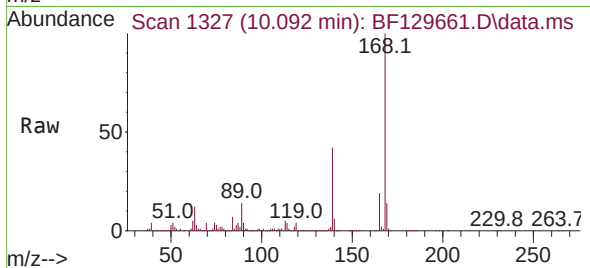
#55
Dibenzenofuran
Concen: 38.176 ng
RT: 10.092 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

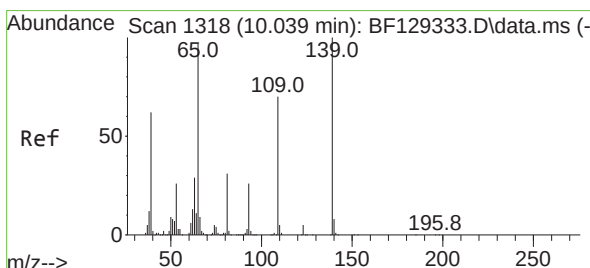
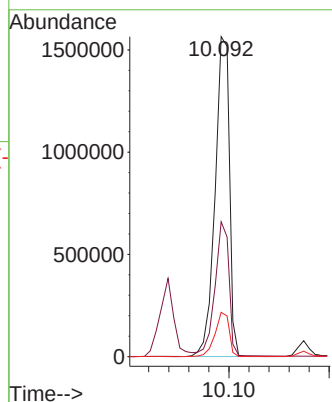
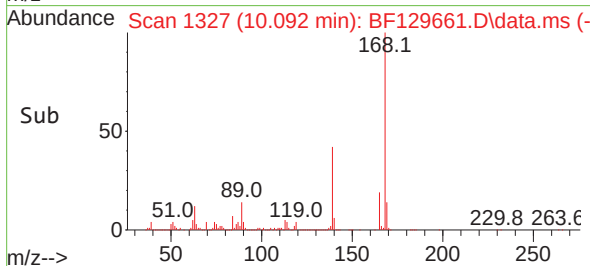


Tgt Ion:168 Resp: 1559901
Ion Ratio Lower Upper
168 100
139 42.1 30.6 46.0
169 13.8 11.0 16.6

Manual Integrations

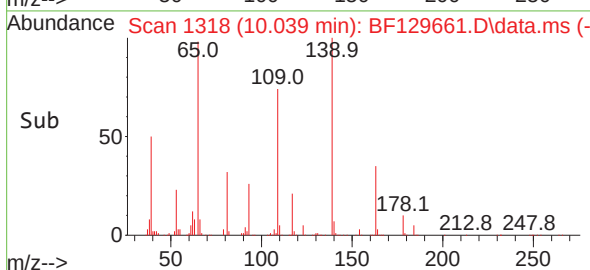
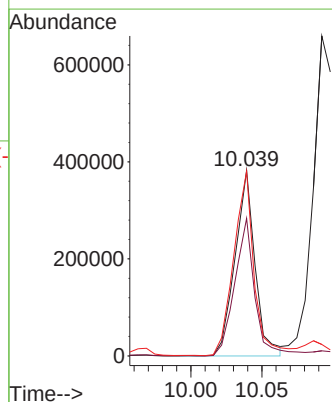
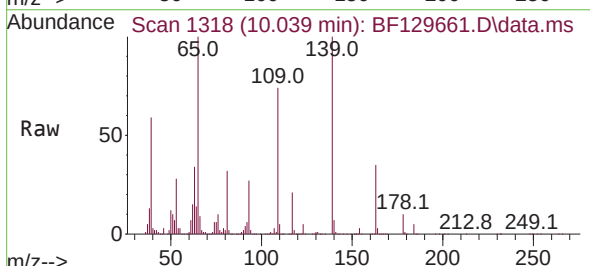
APPROVED

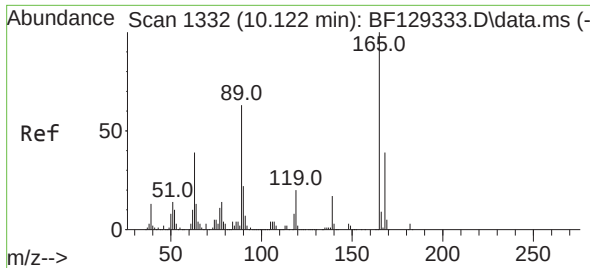
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#56
4-Nitrophenol
Concen: 55.038 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:139 Resp: 375039
Ion Ratio Lower Upper
139 100
109 74.1 50.7 90.7
65 99.5 74.5 114.5





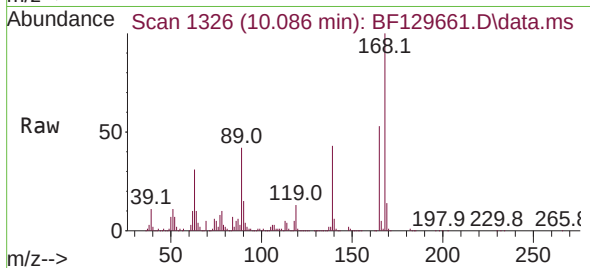
#57
2,4-Dinitrotoluene
Concen: 38.606 ng
RT: 10.086 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

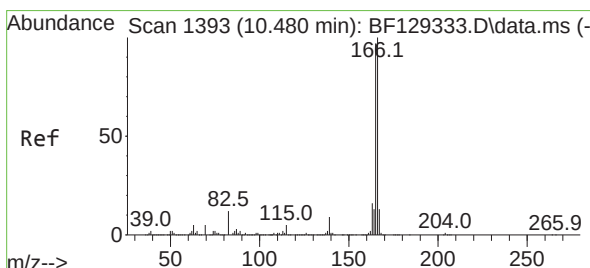
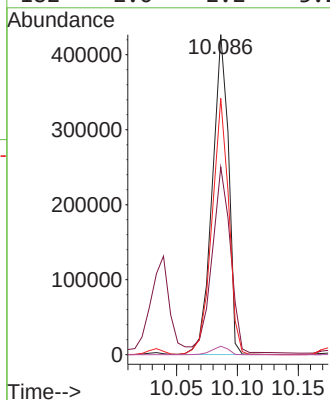
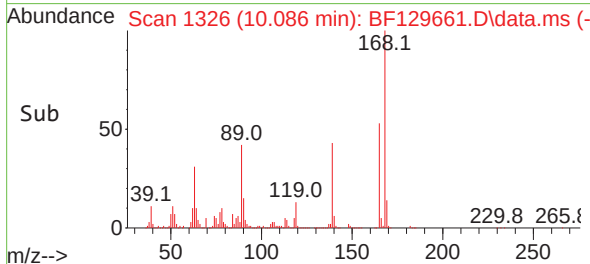


Tgt Ion:165 Resp: 394482
Ion Ratio Lower Upper
165 100
63 58.7 39.8 59.6
89 80.1 60.2 90.2
182 2.6 2.2 3.2

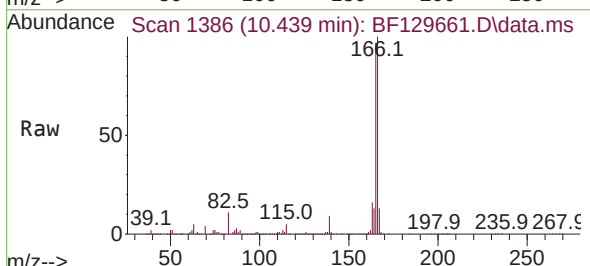
Manual Integrations

APPROVED

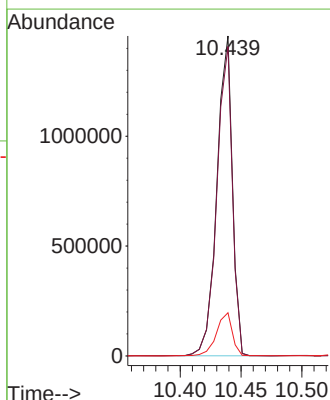
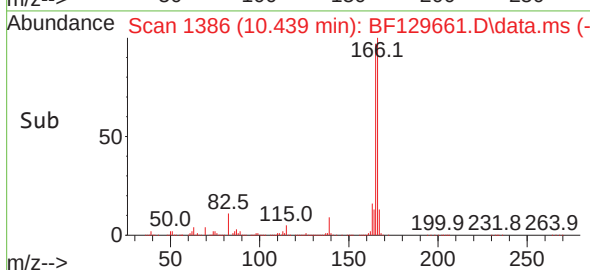
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

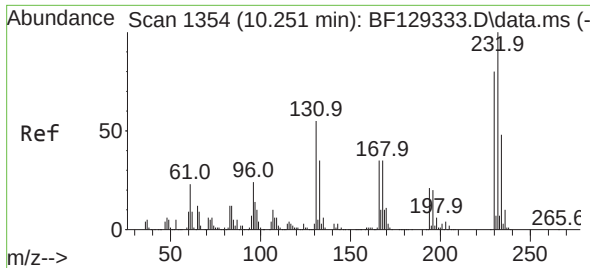


#58
Fluorene
Concen: 39.416 ng
RT: 10.439 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



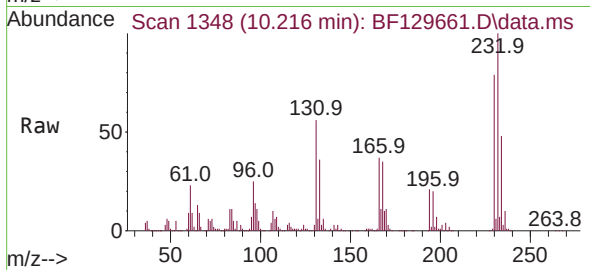
Tgt Ion:166 Resp: 1288638
Ion Ratio Lower Upper
166 100
165 96.7 78.1 117.1
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.441 ng
RT: 10.216 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

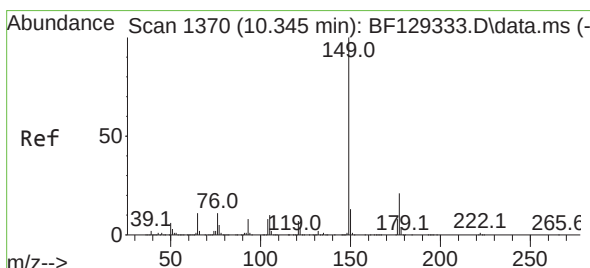
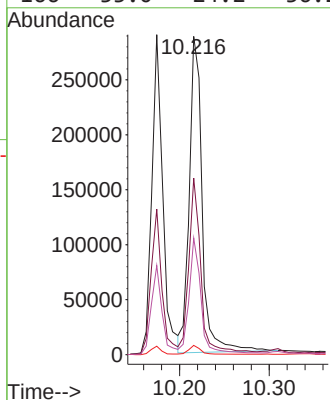
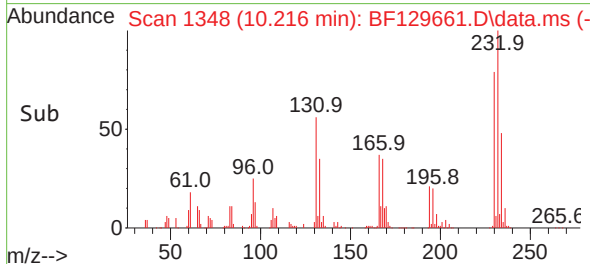
Instrument :
BNA_F
ClientSampleId :
PB146618BS



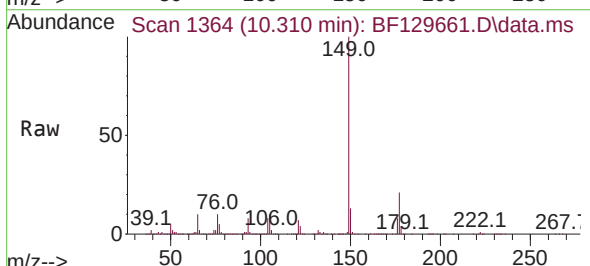
Tgt Ion:232 Resp: 28755
Ion Ratio Lower Upper
232 100
131 51.8 36.1 54.1
130 2.4 1.8 2.8
166 33.0 24.2 36.2

Manual Integrations
APPROVED

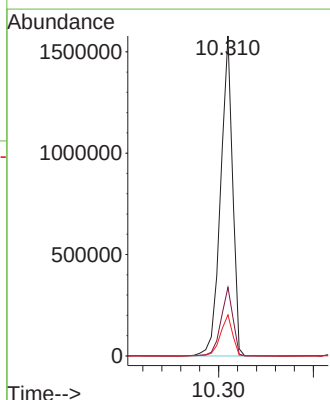
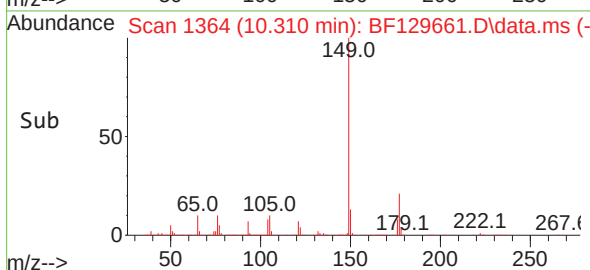
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

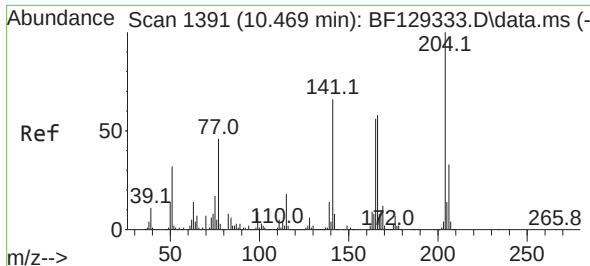


#60
Diethylphthalate
Concen: 40.911 ng
RT: 10.310 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:149 Resp: 1382114
Ion Ratio Lower Upper
149 100
177 21.4 17.3 25.9
150 12.8 10.2 15.2





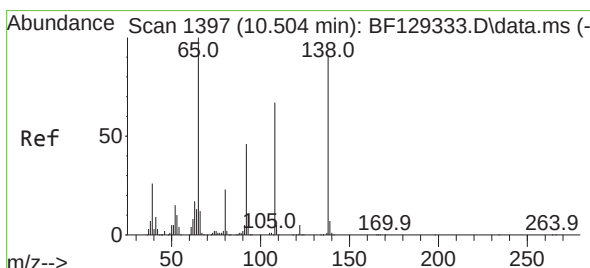
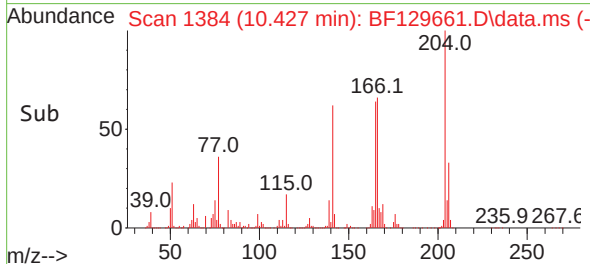
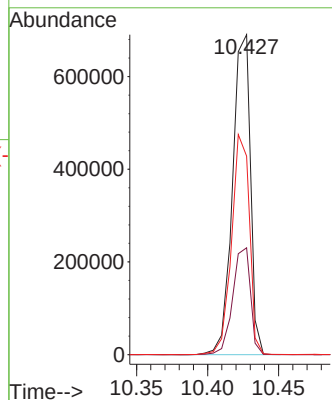
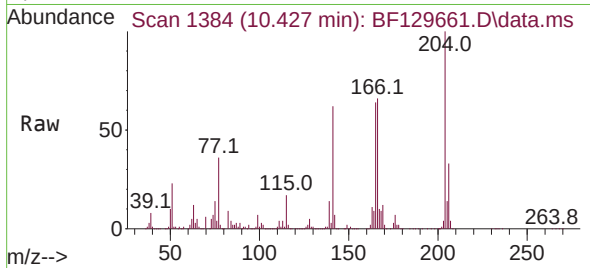
#61
4-Chlorophenyl-phenylether
Concen: 42.026 ng
RT: 10.427 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion:204 Resp: 605732
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 62.0 47.0 70.4

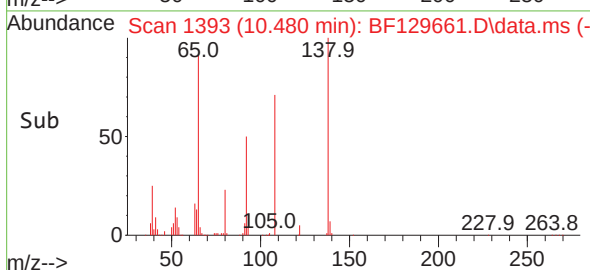
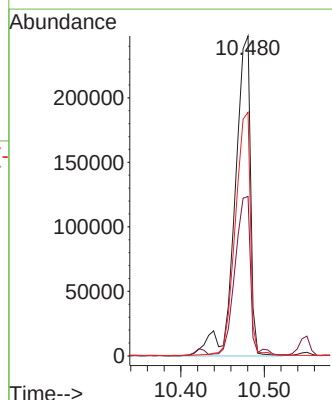
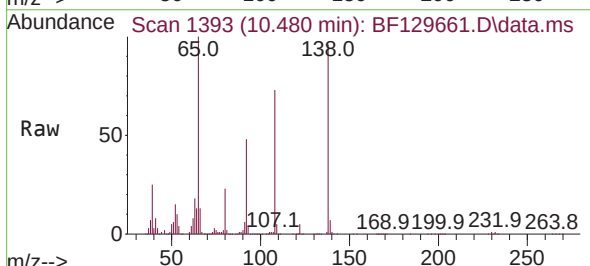
Manual Integrations
APPROVED

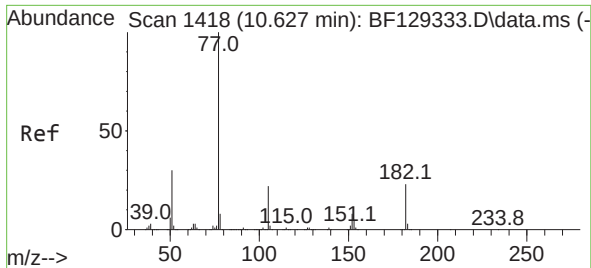
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#62
4-Nitroaniline
Concen: 34.919 ng m
RT: 10.480 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

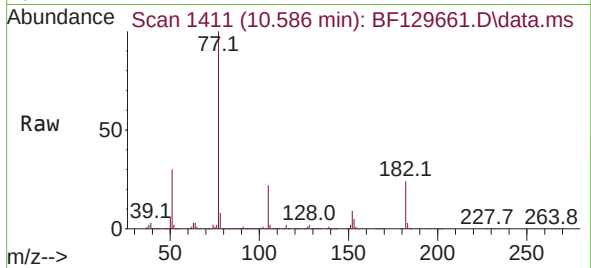
Tgt Ion:138 Resp: 319946
Ion Ratio Lower Upper
138 100
92 49.8 33.5 73.5
108 76.1 61.0 101.0





#63
Azobenzene
Concen: 38.257 ng
RT: 10.586 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

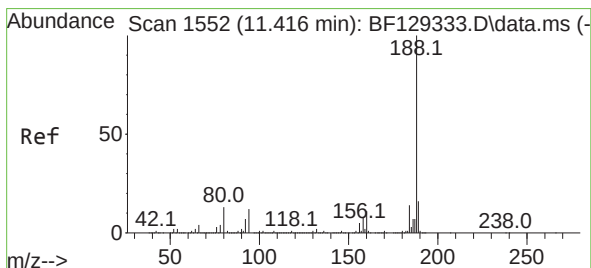
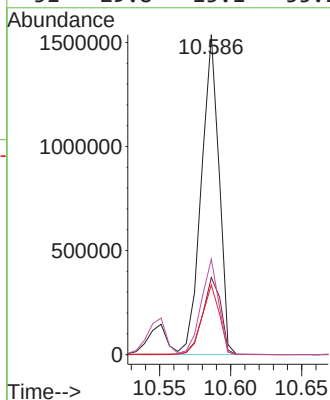
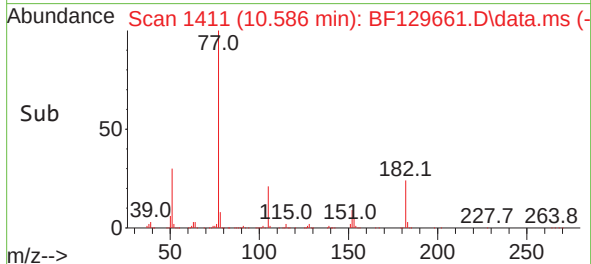
Instrument :
BNA_F
ClientSampleId :
PB146618BS



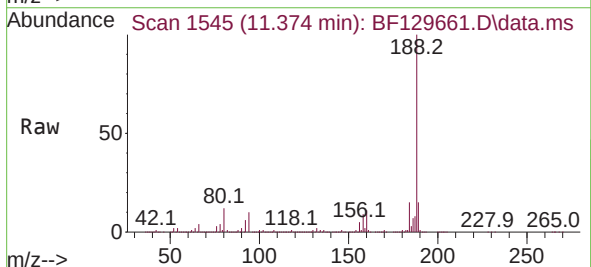
Tgt Ion: 77 Resp: 1318248
Ion Ratio Lower Upper
77 100
182 24.1 5.6 45.6
105 21.8 1.6 41.6
51 29.8 15.1 55.1

Manual Integrations
APPROVED

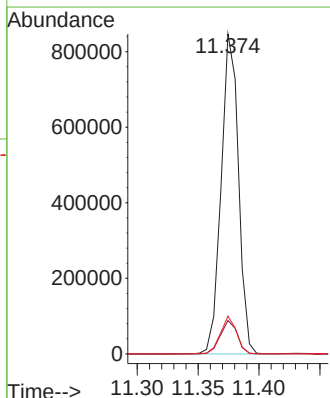
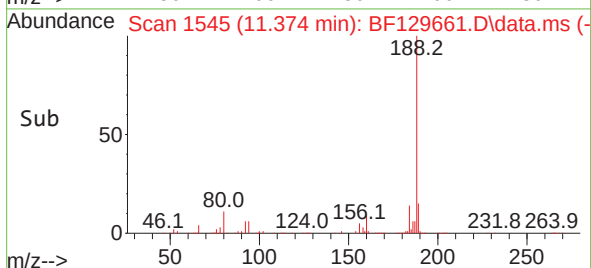
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

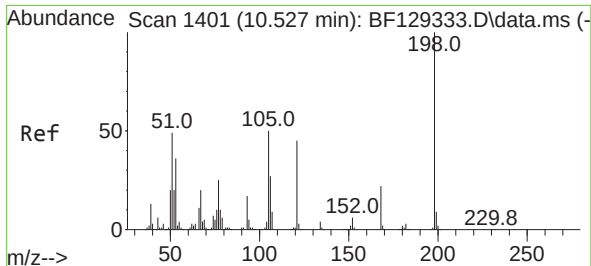


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:188 Resp: 837165
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 11.8 7.6 11.4





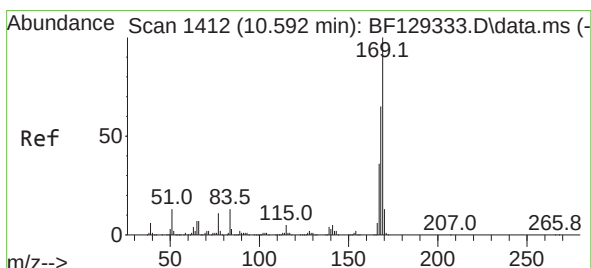
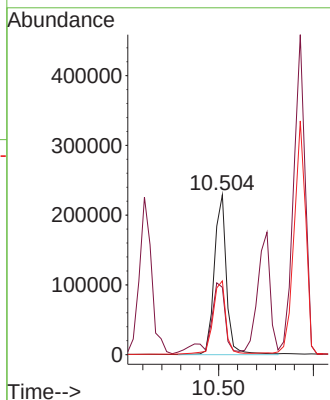
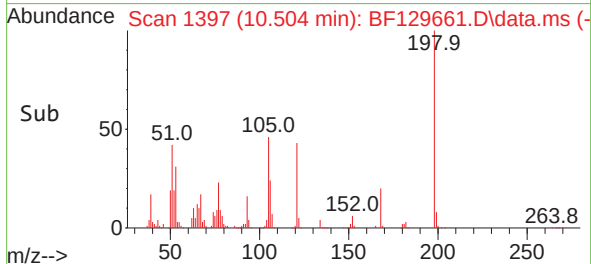
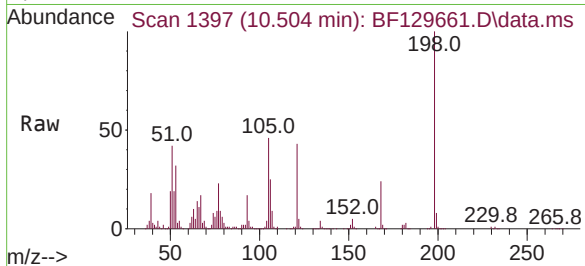
#65
4,6-Dinitro-2-methylphenol
Concen: 38.634 ng
RT: 10.504 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion:198 Resp: 204143
Ion Ratio Lower Upper
198 100
51 42.1 37.6 77.6
105 46.1 27.0 67.0

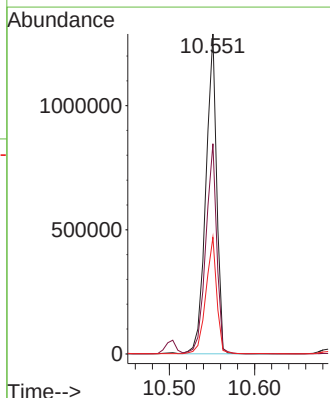
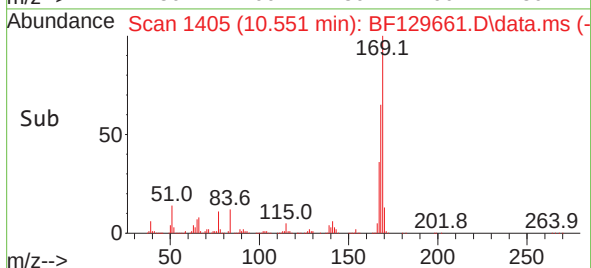
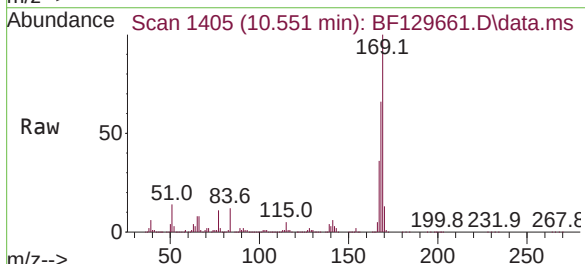
Manual Integrations
APPROVED

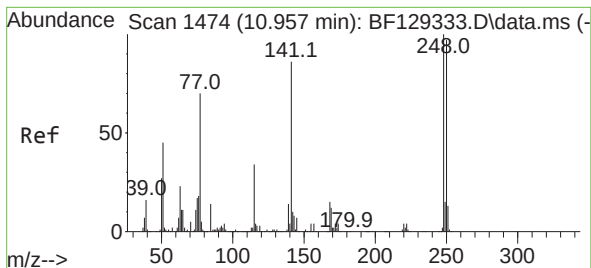
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#66
n-Nitrosodiphenylamine
Concen: 40.841 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

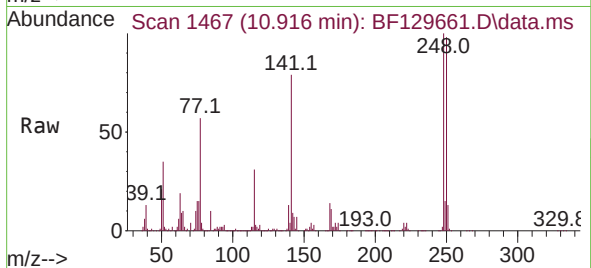
Tgt Ion:169 Resp: 1138632
Ion Ratio Lower Upper
169 100
168 65.7 50.1 75.1
167 36.4 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 43.149 ng
RT: 10.916 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

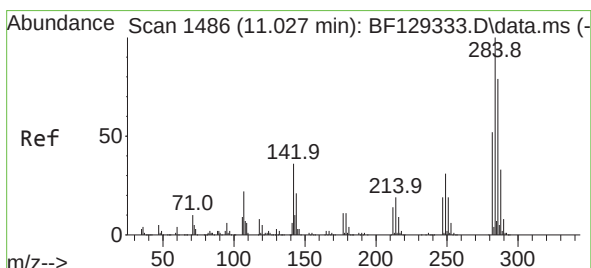
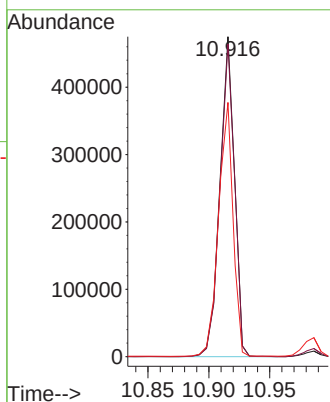
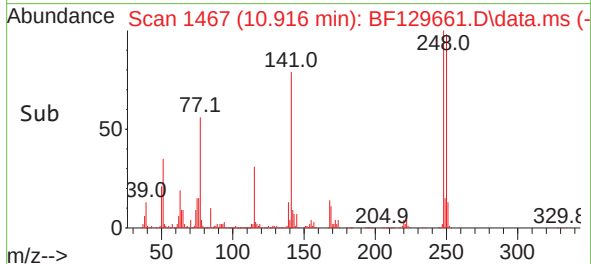
Instrument :
BNA_F
ClientSampleId :
PB146618BS



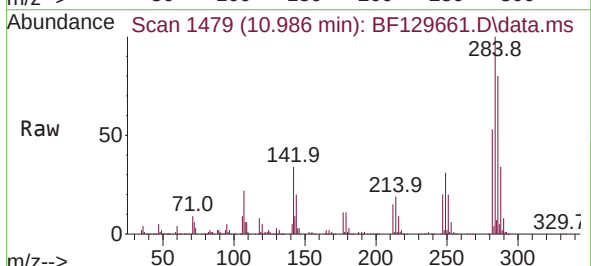
Tgt Ion:248 Resp: 395560
Ion Ratio Lower Upper
248 100
250 97.7 80.6 120.8
141 79.4 58.9 88.3

Manual Integrations
APPROVED

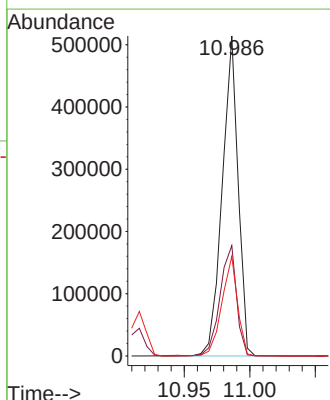
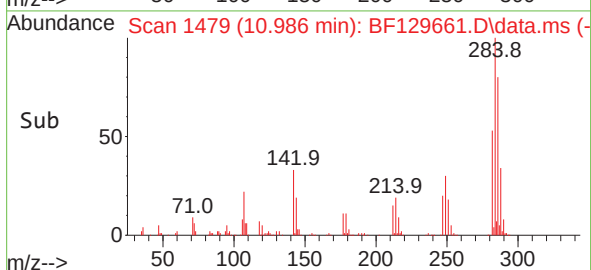
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

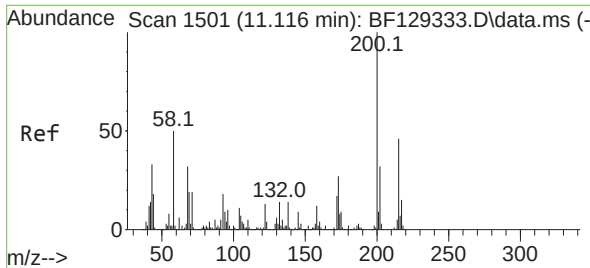


#68
Hexachlorobenzene
Concen: 43.606 ng
RT: 10.986 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



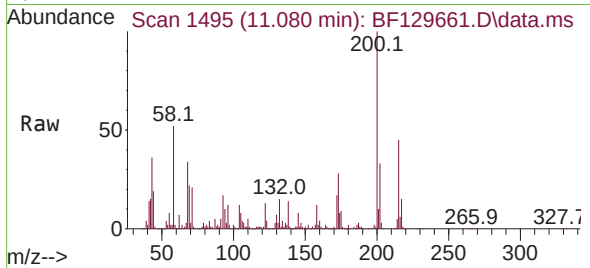
Tgt Ion:284 Resp: 433139
Ion Ratio Lower Upper
284 100
142 34.5 29.0 43.4
249 31.1 25.0 37.6





#69
Atrazine
Concen: 44.893 ng
RT: 11.080 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

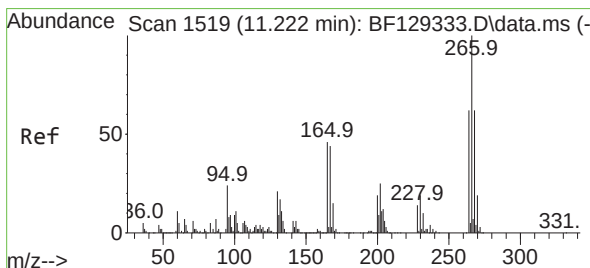
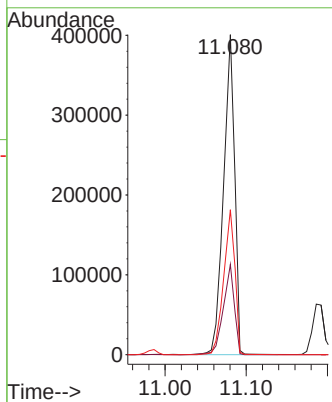
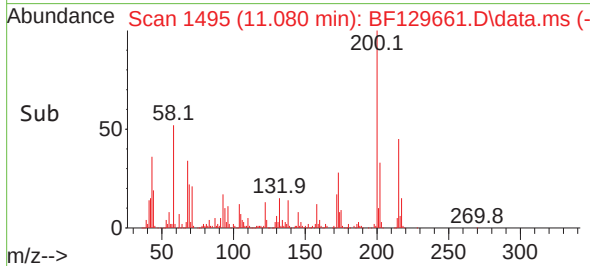
Instrument :
BNA_F
ClientSampleId :
PB146618BS



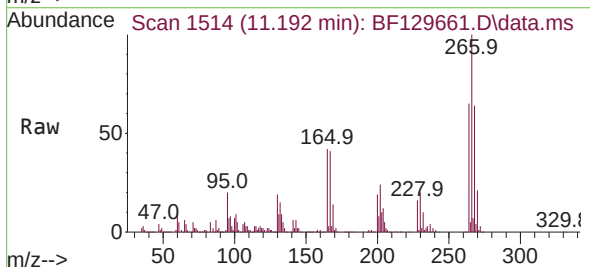
Tgt Ion:200 Resp: 380166
Ion Ratio Lower Upper
200 100
173 28.2 6.3 46.3
215 45.3 28.3 68.3

Manual Integrations
APPROVED

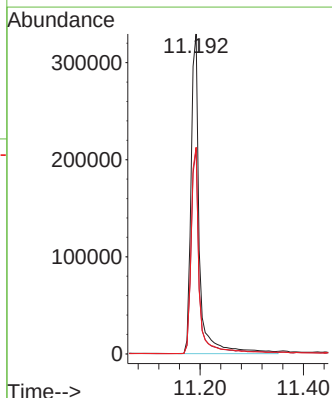
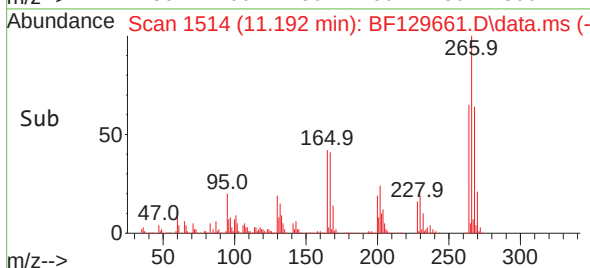
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

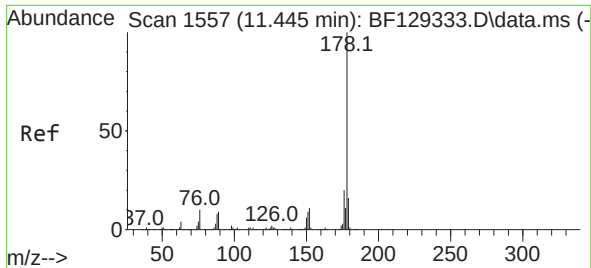


#70
Pentachlorophenol
Concen: 69.140 ng
RT: 11.192 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



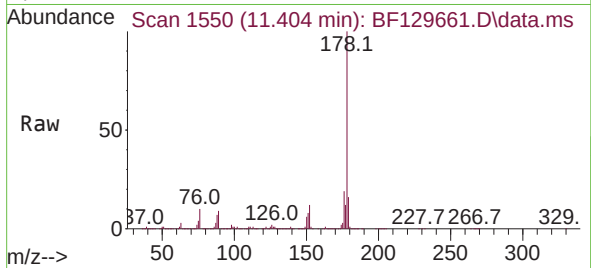
Tgt Ion:266 Resp: 373346
Ion Ratio Lower Upper
266 100
268 64.2 51.0 76.4
264 64.6 49.4 74.2





#71
Phenanthrene
Concen: 39.121 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

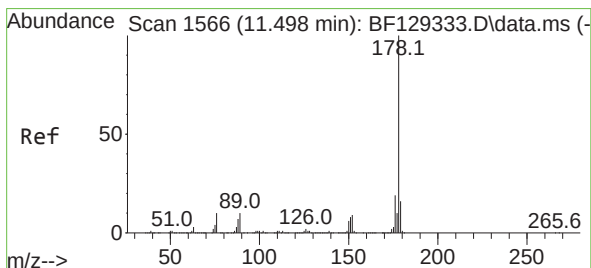
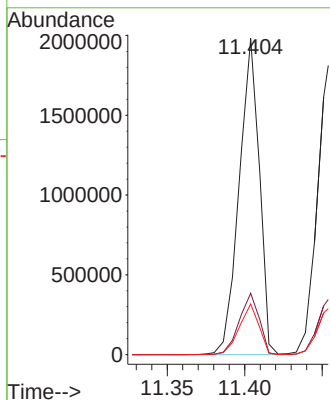
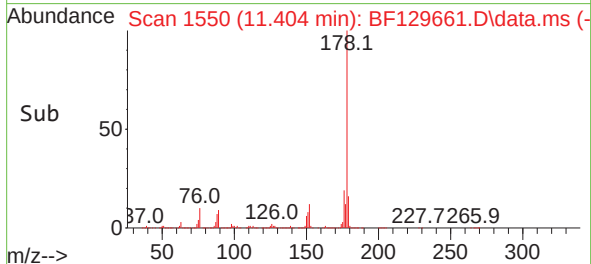
Instrument :
BNA_F
ClientSampleId :
PB146618BS



Tgt Ion:178 Resp: 1787776
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 16.0 12.6 19.0

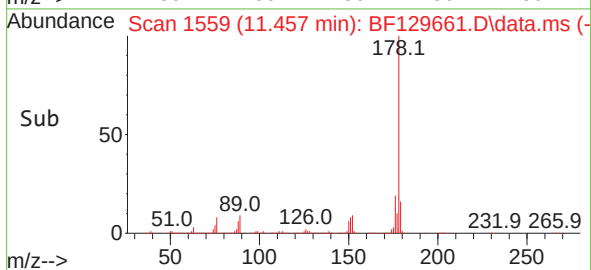
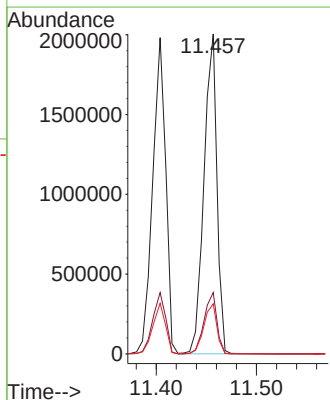
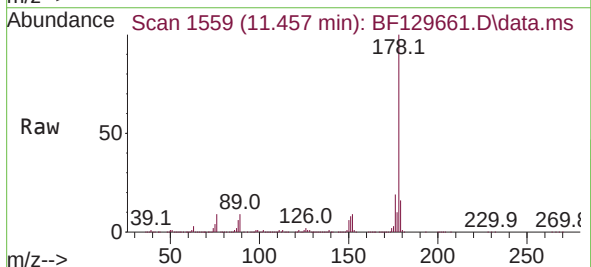
Manual Integrations
APPROVED

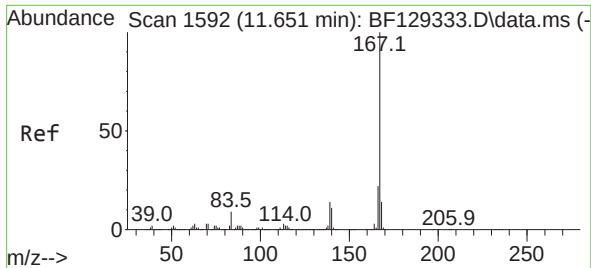
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#72
Anthracene
Concen: 39.905 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

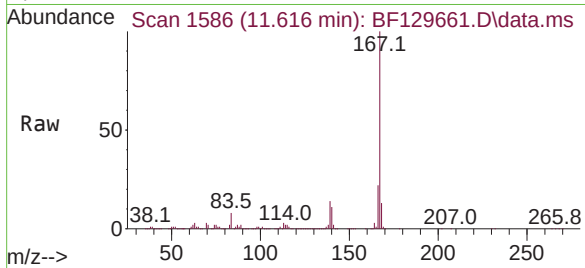
Tgt Ion:178 Resp: 1792084
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.7 12.6 19.0





#73
 Carbazole
 Concen: 38.860 ng
 RT: 11.616 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: BF129661.D
 Acq: 09 Aug 2022 11:53

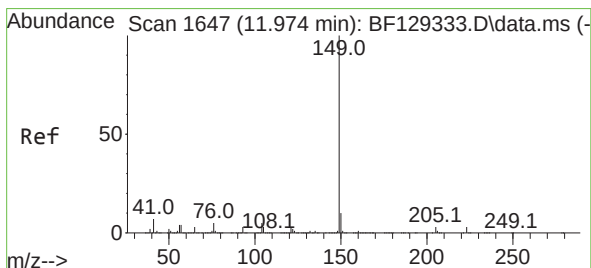
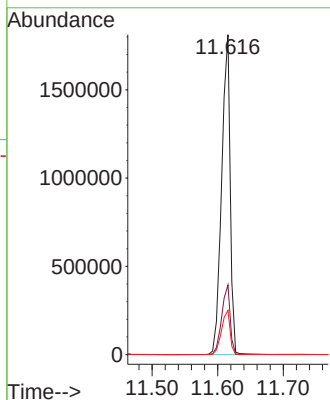
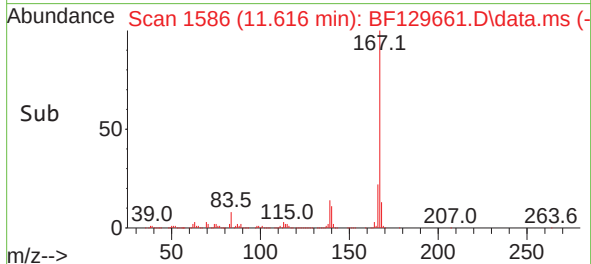
Instrument :
 BNA_F
 ClientSampleId :
 PB146618BS



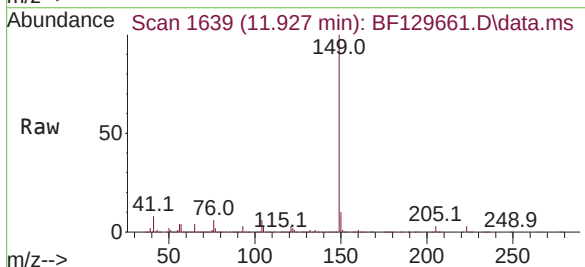
Tgt Ion:167 Resp: 1642785
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.8 11.2 16.8

Manual Integrations
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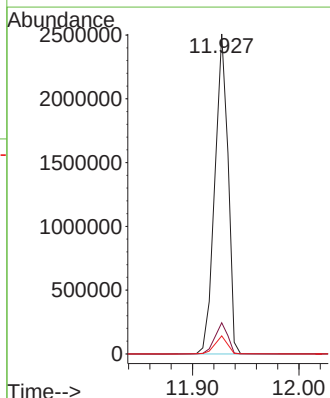
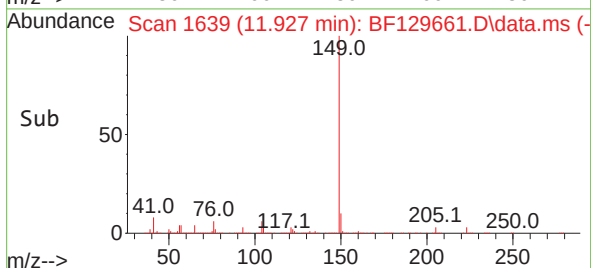
Reviewed By :Christian Giraldo 08/10/2022
 Supervised By :Jagrut Upadhyay 08/10/2022

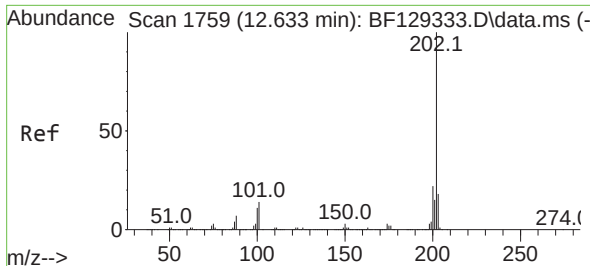


#74
 Di-n-butylphthalate
 Concen: 42.940 ng
 RT: 11.927 min Scan# 1639
 Delta R.T. -0.006 min
 Lab File: BF129661.D
 Acq: 09 Aug 2022 11:53



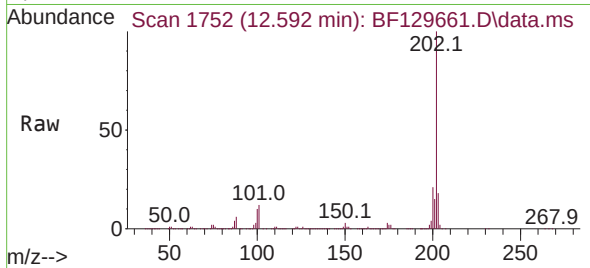
Tgt Ion:149 Resp: 2161778
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.7 4.4 6.6





#75
Fluoranthene
Concen: 38.508 ng
RT: 12.592 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

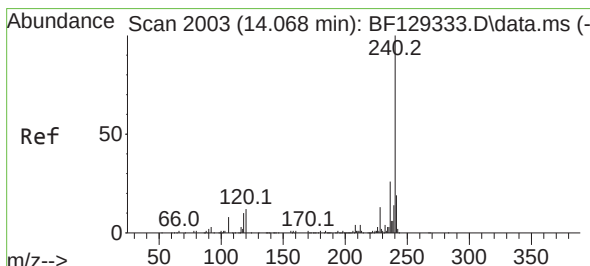
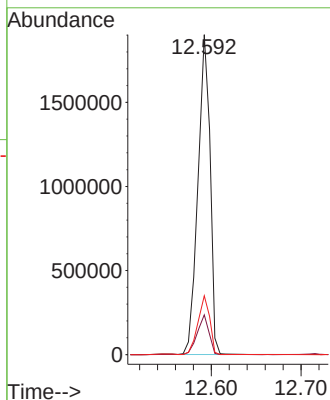
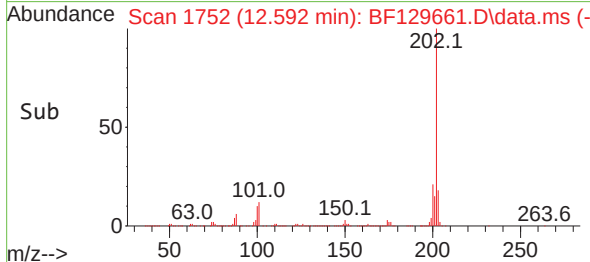
Instrument :
BNA_F
ClientSampleId :
PB146618BS



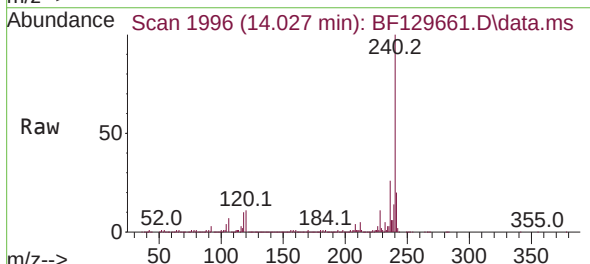
Tgt Ion:202 Resp: 1783050
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.4
203 18.4 0.0 38.0

Manual Integrations
APPROVED

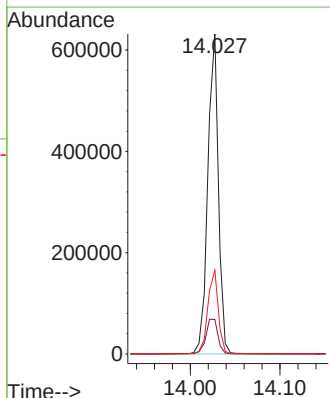
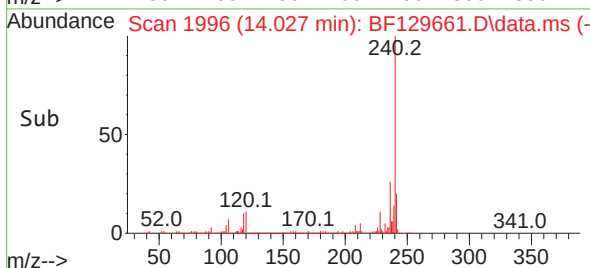
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

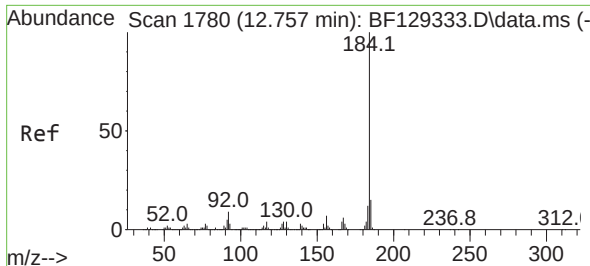


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:240 Resp: 519255
Ion Ratio Lower Upper
240 100
120 10.7 8.9 13.3
236 26.1 20.8 31.2





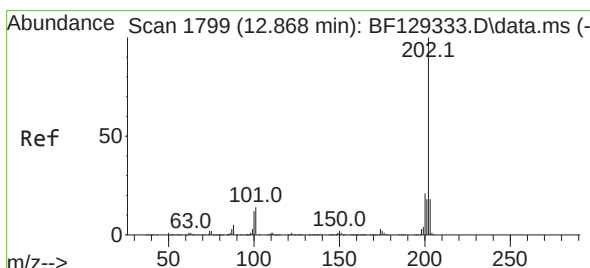
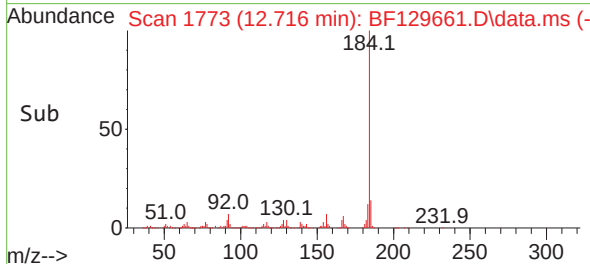
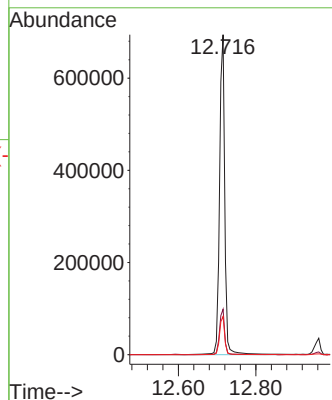
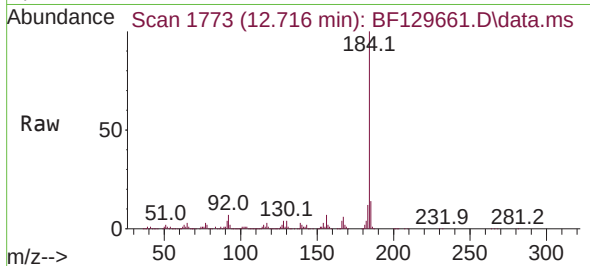
#77
Benzidine
Concen: 35.017 ng
RT: 12.716 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB146618BS

Tgt Ion:184 Resp: 642359
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.9 9.3 13.9

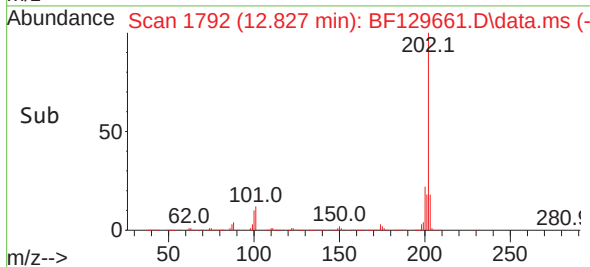
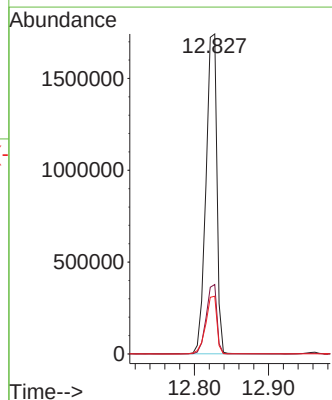
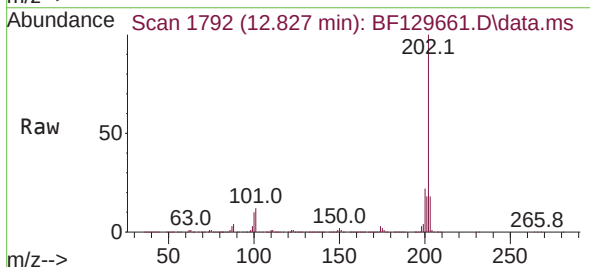
Manual Integrations
APPROVED

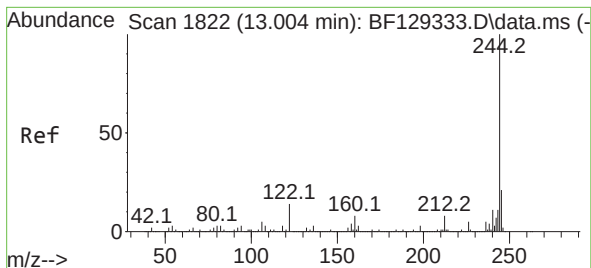
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#78
Pyrene
Concen: 40.831 ng
RT: 12.827 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Tgt Ion:202 Resp: 1772936
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 18.0 14.6 21.8





#79

Terphenyl-d14

Concen: 88.763 ng

RT: 12.963 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF129661.D

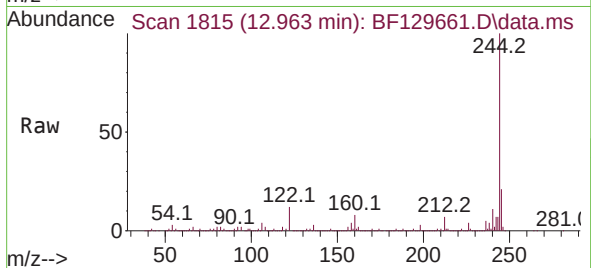
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS



Tgt Ion:244 Resp: 2443075

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

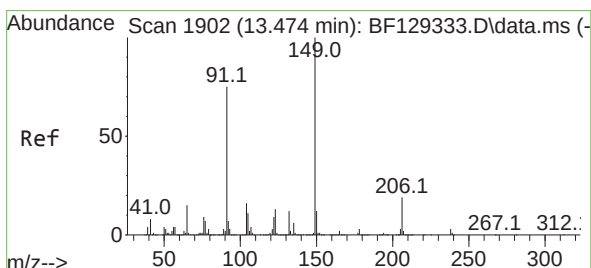
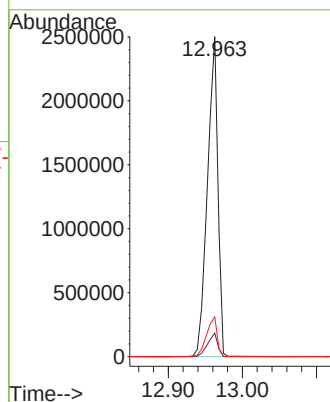
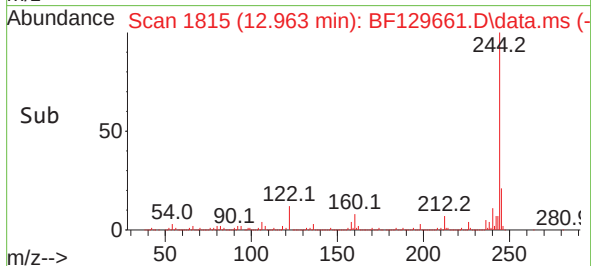
122 12.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#80

Butylbenzylphthalate

Concen: 44.380 ng

RT: 13.433 min Scan# 1895

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

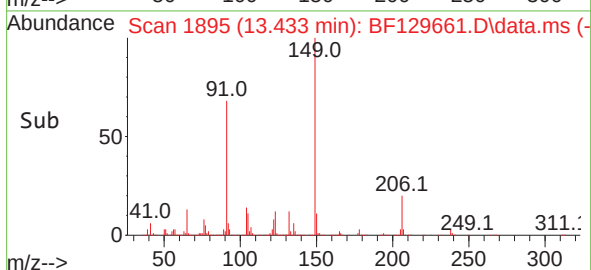
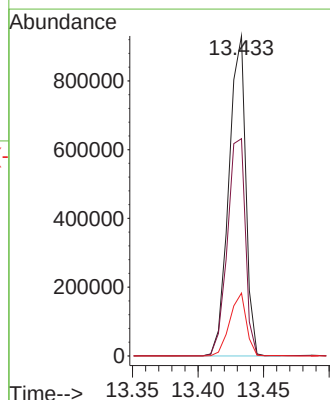
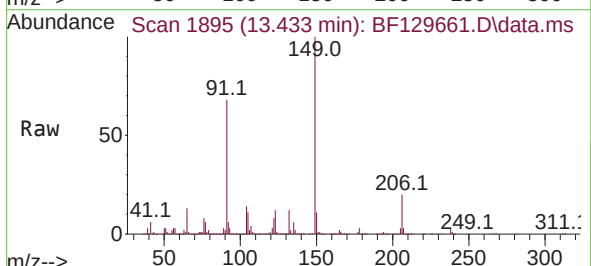
Tgt Ion:149 Resp: 835856

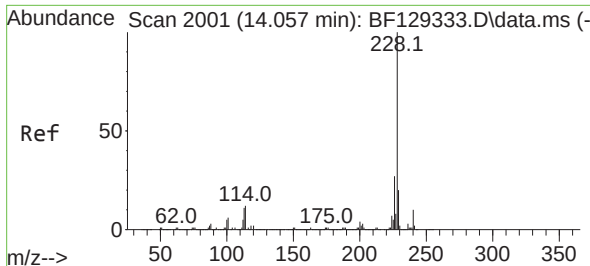
Ion Ratio Lower Upper

149 100

91 67.9 61.2 91.8

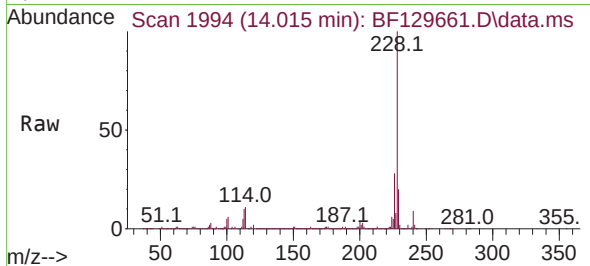
206 19.6 15.7 23.5





#81
Benzo(a)anthracene
Concen: 39.455 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

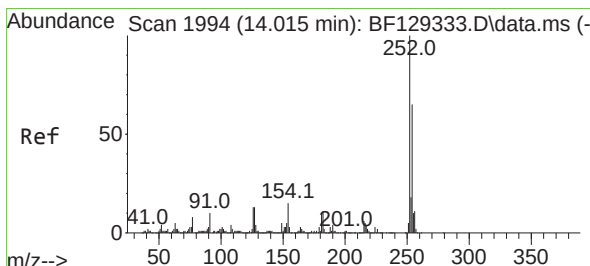
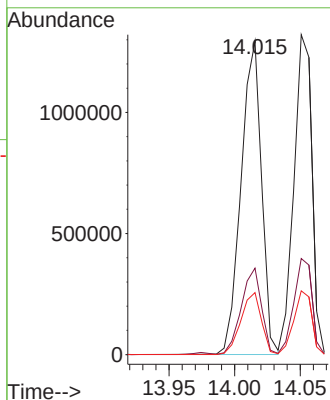
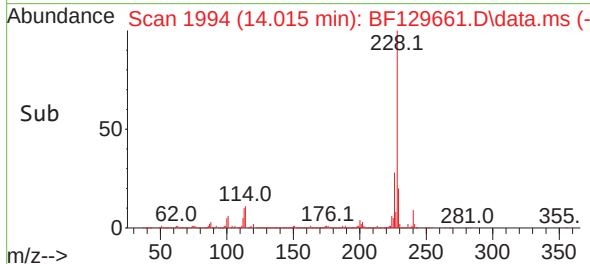
Instrument :
BNA_F
ClientSampleId :
PB146618BS



Tgt Ion:228 Resp: 1399459
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.8 15.8 23.8

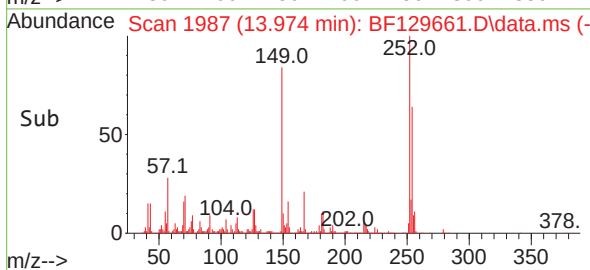
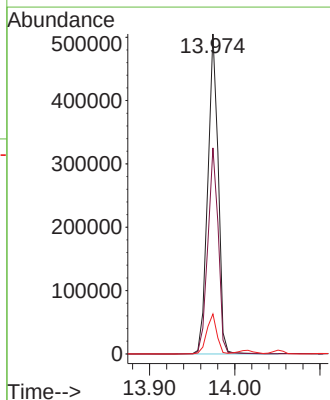
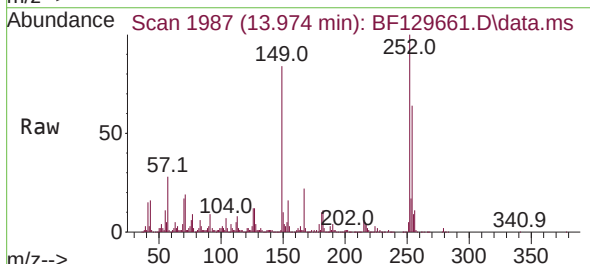
Manual Integrations
APPROVED

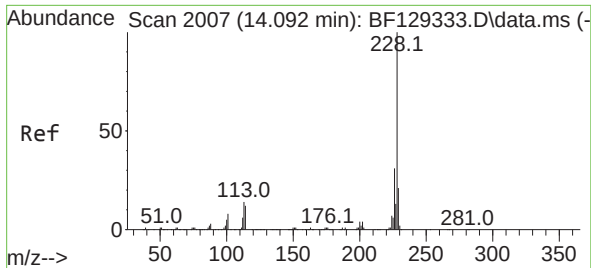
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022



#82
3,3'-Dichlorobenzidine
Concen: 36.667 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

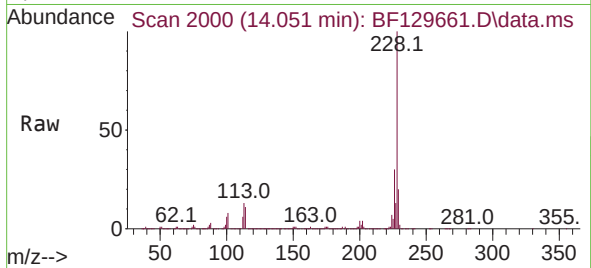
Tgt Ion:252 Resp: 429414
Ion Ratio Lower Upper
252 100
254 64.4 50.2 75.4
126 12.5 8.2 12.4





#83
Chrysene
Concen: 37.852 ng
RT: 14.051 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

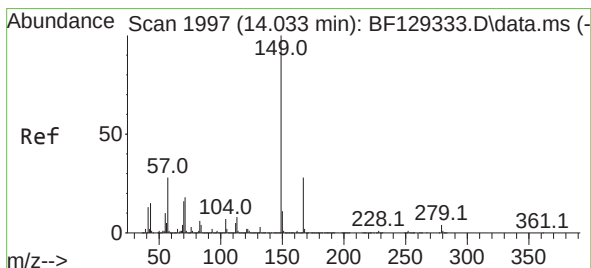
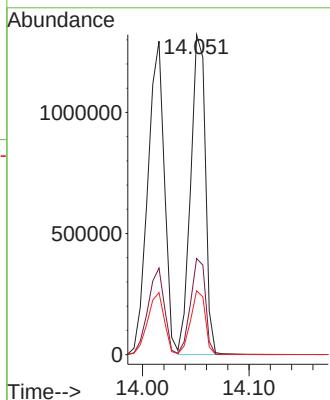
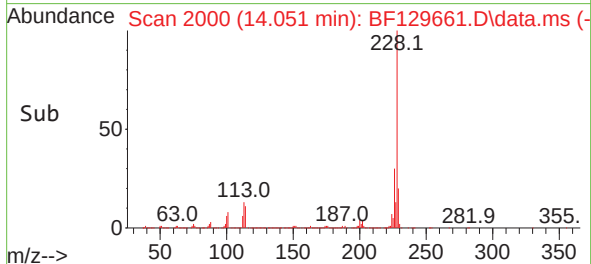
Instrument :
BNA_F
ClientSampleId :
PB146618BS



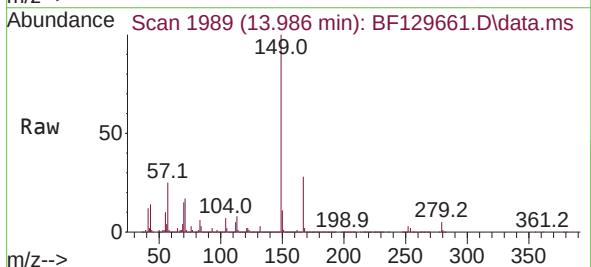
Tgt Ion:228 Resp: 1265366
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 19.9 15.9 23.9

Manual Integrations
APPROVED

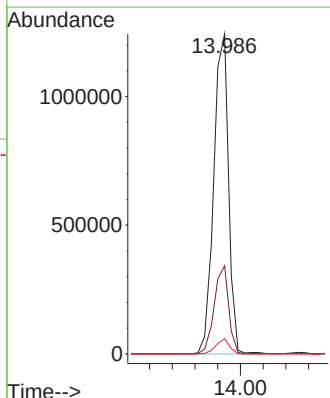
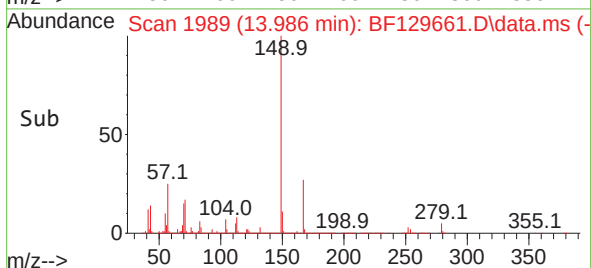
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

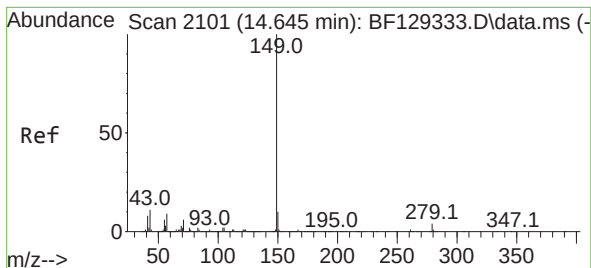


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.452 ng
RT: 13.986 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:149 Resp: 1126997
Ion Ratio Lower Upper
149 100
167 27.5 21.0 31.4
279 4.8 3.1 4.7#





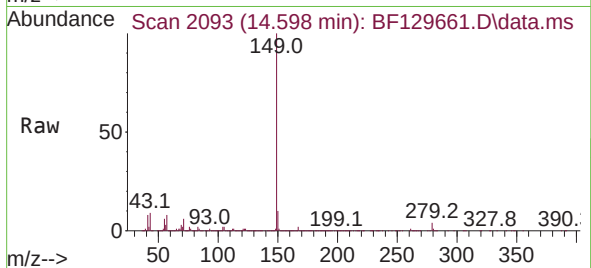
#85
Di-n-octyl phthalate
Concen: 47.956 ng
RT: 14.598 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

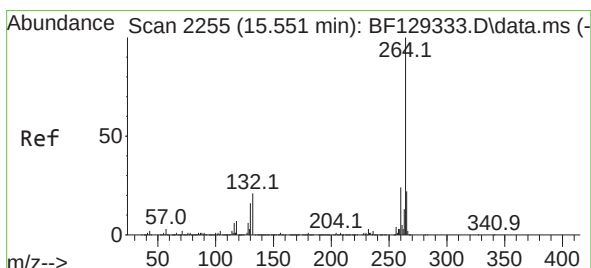
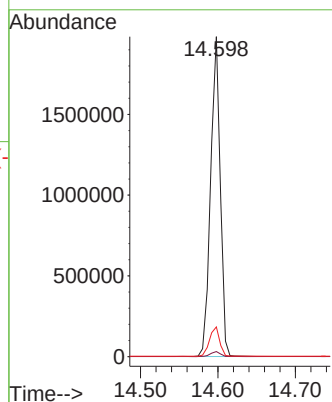
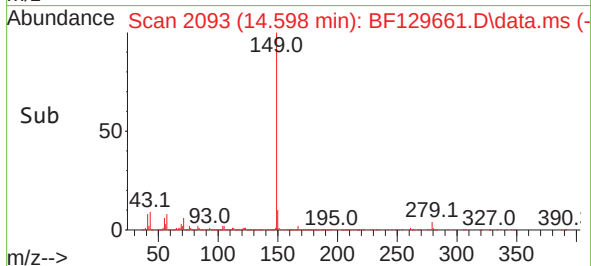


Tgt Ion:149 Resp: 171114
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.6 9.2 13.8

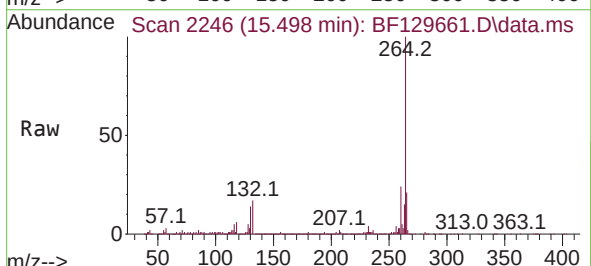
Manual Integrations

APPROVED

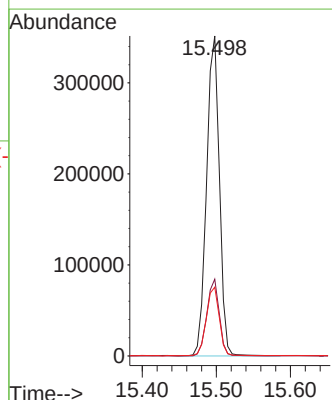
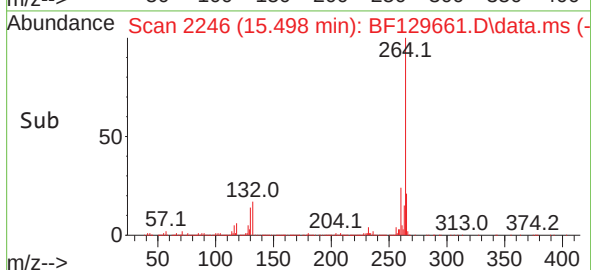
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

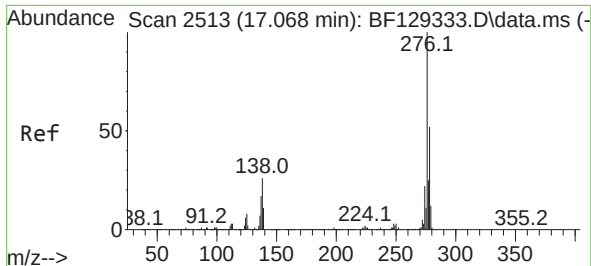


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:264 Resp: 422114
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.5 17.2 25.8





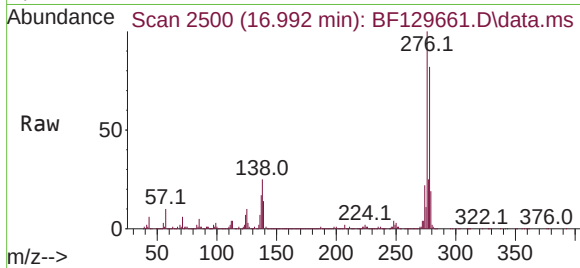
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.891 ng
RT: 16.992 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

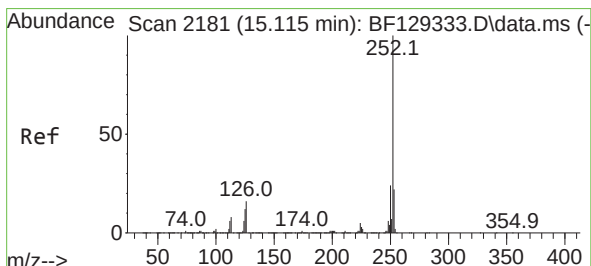
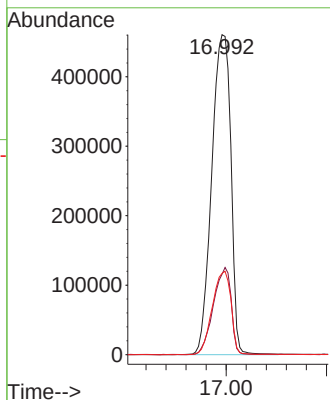
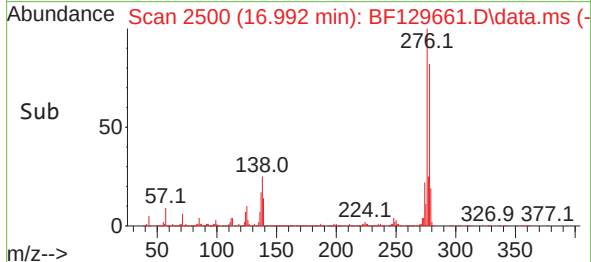


Tgt Ion:276 Resp: 1219199
Ion Ratio Lower Upper
276 100
138 25.4 21.1 31.7
277 25.5 20.3 30.5

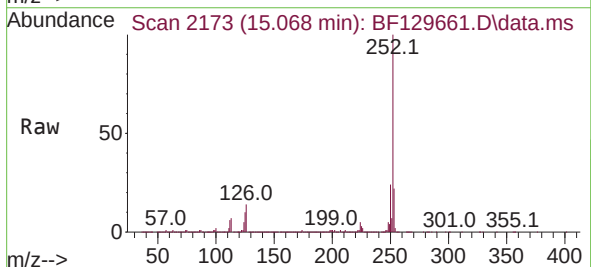
Manual Integrations

APPROVED

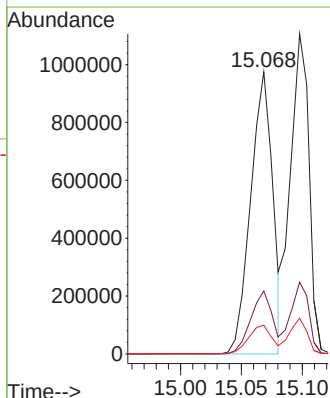
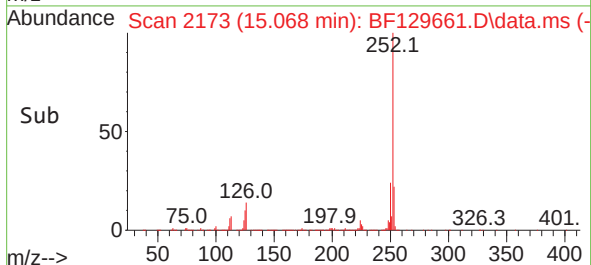
Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

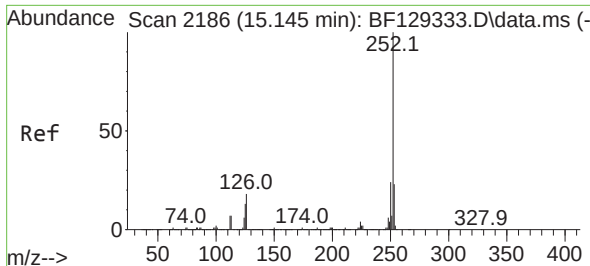


#88
Benzo(b)fluoranthene
Concen: 43.905 ng
RT: 15.068 min Scan# 2173
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:252 Resp: 1229356
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 10.2 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 42.983 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS

Tgt Ion:252 Resp: 1179432

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

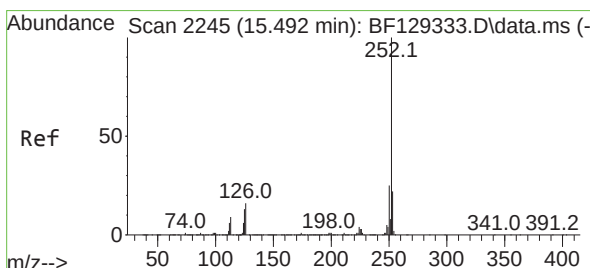
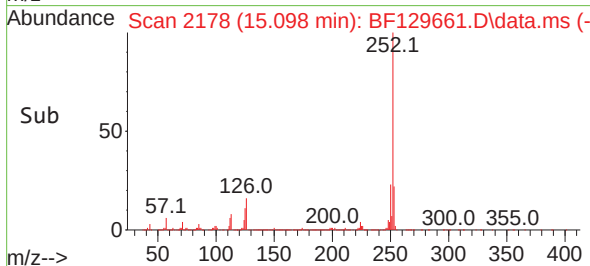
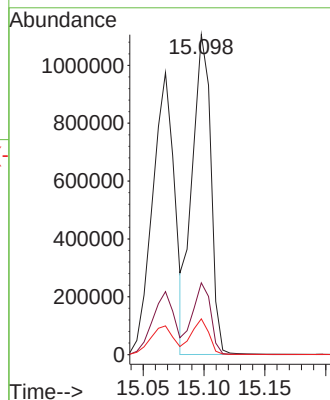
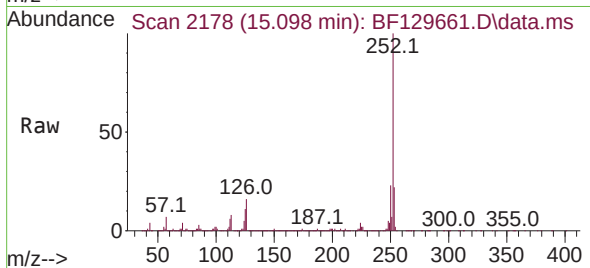
125 11.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#90

Benzo(a)pyrene

Concen: 45.871 ng

RT: 15.439 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF129661.D

Acq: 09 Aug 2022 11:53

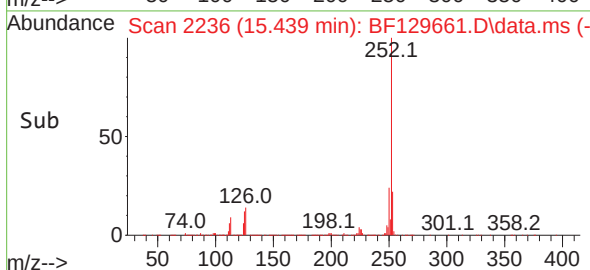
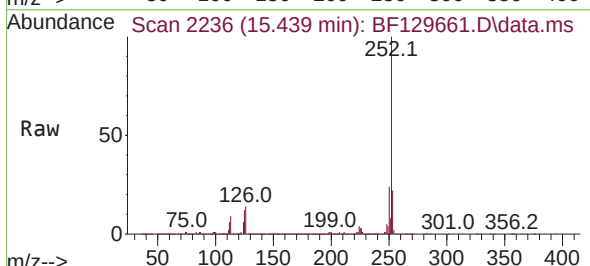
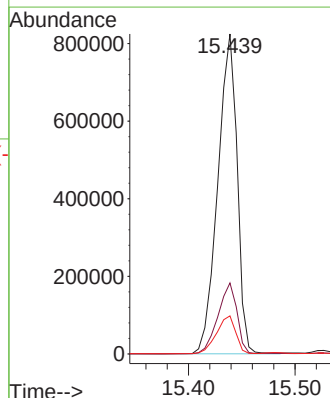
Tgt Ion:252 Resp: 1042628

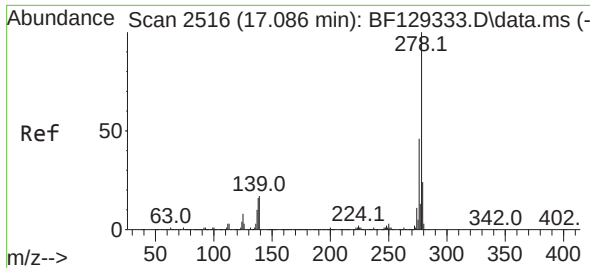
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 11.9 8.8 13.2





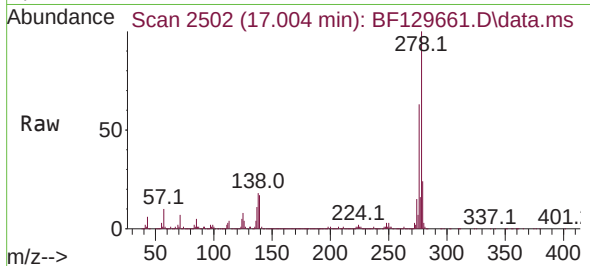
#91
Dibenzo(a,h)anthracene
Concen: 46.471 ng
RT: 17.004 min Scan# 2516
Delta R.T. -0.006 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB146618BS



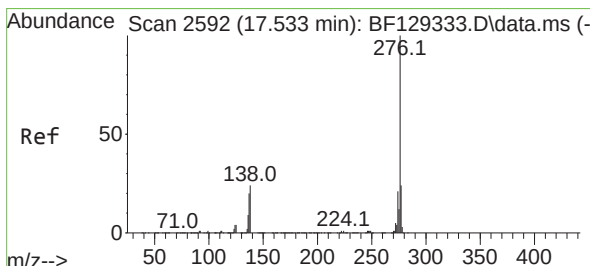
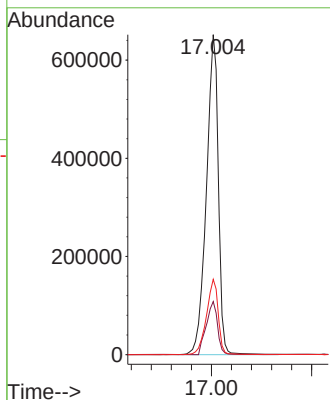
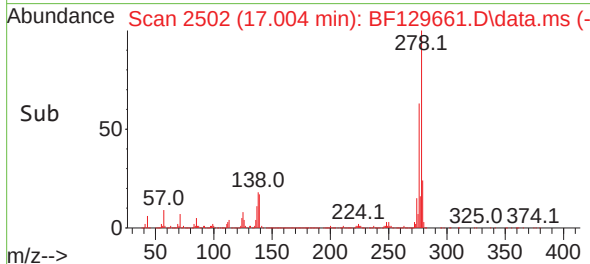
Tgt Ion:278 Resp: 1075140
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 23.5 18.6 28.0

Manual Integrations

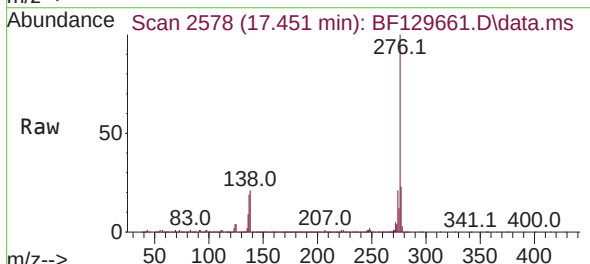
APPROVED

Reviewed By :Christian Giraldo 08/10/2022

Supervised By :Jagrut Upadhyay 08/10/2022



#92
Benzo(g,h,i)perylene
Concen: 45.210 ng
RT: 17.451 min Scan# 2578
Delta R.T. -0.000 min
Lab File: BF129661.D
Acq: 09 Aug 2022 11:53



Tgt Ion:276 Resp: 1068815
Ion Ratio Lower Upper
276 100
277 23.3 19.1 28.7
138 21.5 18.0 27.0

