

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126958.D
 Acq On : 18 Feb 2022 18:06
 Operator : CG\JU
 Sample : M4068-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Quant Time: Feb 18 23:53:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/21/2022
 Supervised By : Jagrut Upadhyay 02/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	107754	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	426263	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	221563	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	400760	20.000	ng	0.00
76) Chrysene-d12	14.104	240	272530	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	211129	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	976842	140.114	ng	0.00
7) Phenol-d6	6.557	99	1339351	142.372	ng	0.00
23) Nitrobenzene-d5	7.498	82	749556	79.371	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	401226	157.282	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1231952	81.856	ng	0.00
79) Terphenyl-d14	13.051	244	1453361	78.395	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	11520	3.611	ng	# 95
3) Pyridine	3.599	79	26873	3.211	ng	# 82
4) n-Nitrosodimethylamine	3.469	42	14868	3.627	ng	# 65
6) Aniline	6.598	93	45797	4.109	ng	96
8) 2-Chlorophenol	6.716	128	28428	3.800	ng	98
9) Benzaldehyde	6.487	77	26703	4.663	ng	97
10) Phenol	6.569	94	36124	3.800	ng	86
11) bis(2-Chloroethyl)ether	6.663	93	28038	3.761	ng	92
12) 1,3-Dichlorobenzene	6.869	146	30571	3.789	ng	97
13) 1,4-Dichlorobenzene	6.945	146	31470	3.847	ng	96
14) 1,2-Dichlorobenzene	7.098	146	29975	3.842	ng	96
15) Benzyl Alcohol	7.063	79	37327m	4.710	ng	
16) 2,2'-oxybis(1-Chloropr...	7.198	45	40477	3.448	ng	94
17) 2-Methylphenol	7.169	107	24708	3.818	ng	# 93
18) Hexachloroethane	7.440	117	12062	3.847	ng	95
19) n-Nitroso-di-n-propyla...	7.328	70	22289	3.677	ng	94
20) 3+4-Methylphenols	7.322	107	31698	3.772	ng	# 78
22) Acetophenone	7.334	105	46190	4.116	ng	# 93
24) Nitrobenzene	7.510	77	36090	4.045	ng	96
25) Isophorone	7.740	82	63780	4.081	ng	98
26) 2-Nitrophenol	7.822	139	13533	3.563	ng	# 67
27) 2,4-Dimethylphenol	7.851	122	26654	4.272	ng	85
28) bis(2-Chloroethoxy)met...	7.951	93	35215	3.717	ng	98
29) 2,4-Dichlorophenol	8.063	162	21231	3.619	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	24705	3.767	ng	99
31) Naphthalene	8.234	128	87893	3.950	ng	98
32) Benzoic acid	7.922	122	10121m	2.287	ng	
33) 4-Chloroaniline	8.281	127	34524	3.942	ng	97
34) Hexachlorobutadiene	8.345	225	15149	3.956	ng	97
35) Caprolactam	8.610	113	6958	3.396	ng	94
36) 4-Chloro-3-methylphenol	8.751	107	27939	3.726	ng	96
37) 2-Methylnaphthalene	8.922	142	57073	3.953	ng	98
38) 1-Methylnaphthalene	9.022	142	54275	3.925	ng	94
40) 1,2,4,5-Tetrachloroben...	9.087	216	23018	3.947	ng	99
41) Hexachlorocyclopentadiene	9.075	237	9377	2.964	ng	99
43) 2,4,6-Trichlorophenol	9.198	196	15637	3.656	ng	98

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Quant Time: Feb 18 23:53:03 2022
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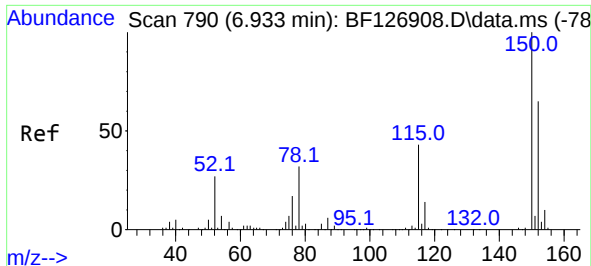
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	16000	3.554	ng	# 94
46) 1,1'-Biphenyl	9.386	154	72573	4.134	ng	98
47) 2-Chloronaphthalene	9.416	162	50153	3.853	ng	99
48) 2-Nitroaniline	9.504	65	18122	3.528	ng	98
49) Acenaphthylene	9.828	152	87571	4.141	ng	98
50) Dimethylphthalate	9.681	163	60748	3.836	ng	# 99
51) 2,6-Dinitrotoluene	9.745	165	13060	4.053	ng	93
52) Acenaphthene	9.998	154	50138	3.646	ng	96
53) 3-Nitroaniline	9.916	138	14313	3.634	ng	# 94
54) 2,4-Dinitrophenol	10.022	184	2765	1.621	ng	89
55) Dibenzofuran	10.175	168	75516	3.994	ng	97
56) 4-Nitrophenol	10.069	139	8771	3.015	ng	# 80
57) 2,4-Dinitrotoluene	10.145	165	16765	3.848	ng	# 97
58) Fluorene	10.516	166	58579	3.977	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	12371	3.467	ng	# 94
60) Diethylphthalate	10.381	149	66275	4.005	ng	98
61) 4-Chlorophenyl-phenyle...	10.510	204	27232	3.921	ng	98
62) 4-Nitroaniline	10.522	138	13350	3.432	ng	# 79
63) Azobenzene	10.669	77	67998	3.690	ng	95
65) 4,6-Dinitro-2-methylph...	10.557	198	5328	2.263	ng	94
66) n-Nitrosodiphenylamine	10.628	169	50019	3.806	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	16563	3.699	ng	95
68) Hexachlorobenzene	11.063	284	18508	3.840	ng	# 92
69) Atrazine	11.145	200	16354	4.013	ng	96
70) Pentachlorophenol	11.257	266	6122	2.327	ng	97
71) Phenanthrene	11.480	178	89243	3.979	ng	99
72) Anthracene	11.533	178	89091	3.990	ng	97
73) Carbazole	11.686	167	74300	3.628	ng	96
74) Di-n-butylphthalate	12.010	149	100682	3.824	ng	# 97
75) Fluoranthene	12.675	202	84641	3.974	ng	94
77) Benzidine	12.798	184	34451	4.652	ng	99
78) Pyrene	12.904	202	84979	3.589	ng	98
80) Butylbenzylphthalate	13.516	149	39156	3.493	ng	86
81) Benzo(a)anthracene	14.092	228	69861	3.802	ng	98
82) 3,3'-Dichlorobenzidine	14.057	252	21649	3.739	ng	# 96
83) Chrysene	14.127	228	66114	3.827	ng	97
84) Bis(2-ethylhexyl)phtha...	14.069	149	56440	3.835	ng	96
85) Di-n-octyl phthalate	14.686	149	82072	3.873	ng	98
87) Indeno(1,2,3-cd)pyrene	17.133	276	41197	2.976	ng	# 87
88) Benzo(b)fluoranthene	15.157	252	56548m	3.988	ng	
89) Benzo(k)fluoranthene	15.186	252	51889	3.794	ng	97
90) Benzo(a)pyrene	15.539	252	47924	4.327	ng	# 95
91) Dibenzo(a,h)anthracene	17.157	278	34457	3.009	ng	# 88
92) Benzo(g,h,i)perylene	17.598	276	35351	3.132	ng	# 84

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

Manual Integrations

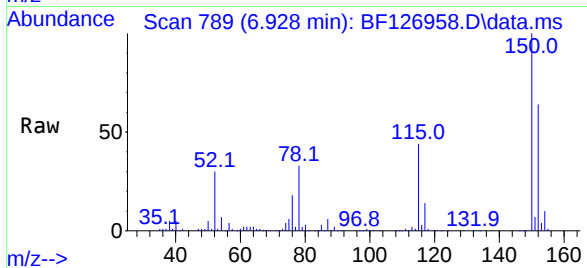
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

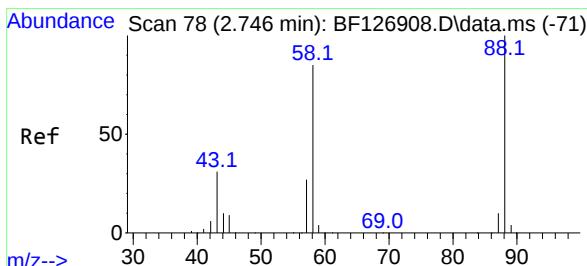
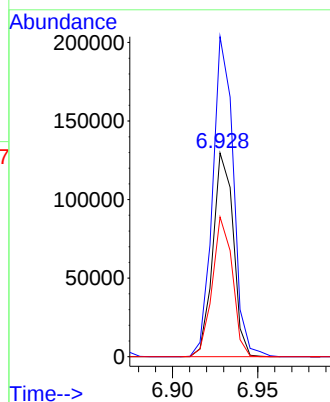
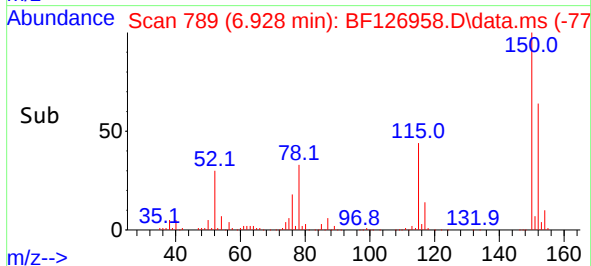
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



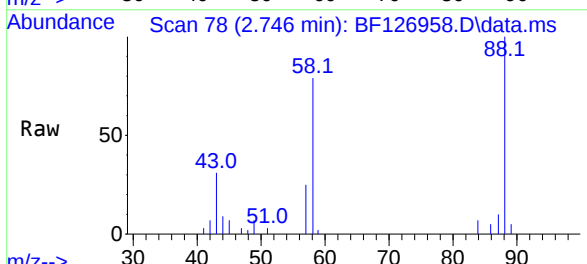
Tgt Ion:152 Resp: 107754
Ion Ratio Lower Upper
152 100
150 157.1 128.1 192.1
115 68.6 56.7 85.1

Manual Integrations
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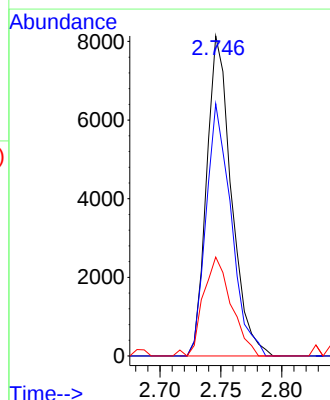
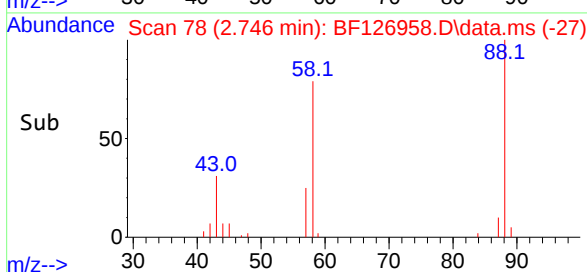
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#2
1,4-Dioxane
Concen: 3.611 ng
RT: 2.746 min Scan# 78
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



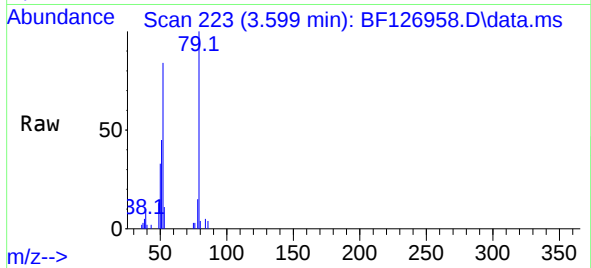
Tgt Ion: 88 Resp: 11520
Ion Ratio Lower Upper
88 100
58 80.0 62.8 94.2
43 35.1 22.3 33.5





#3
Pyridine
Concen: 3.211 ng
RT: 3.599 min Scan# 209
Delta R.T. 0.083 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

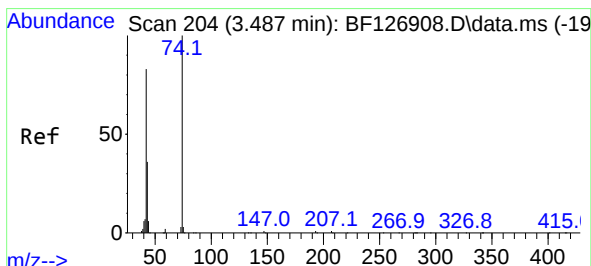
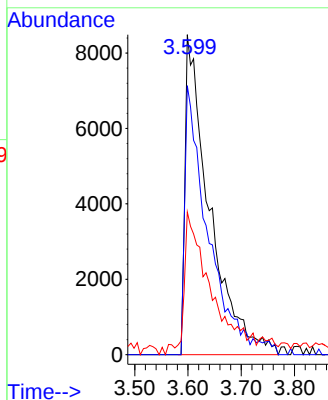
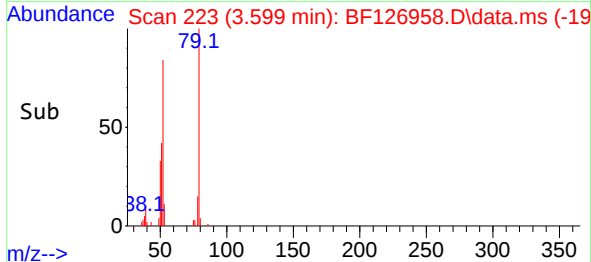
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 79 Resp: 2687
Ion Ratio Lower Upper
79 100
52 84.1 56.2 84.4
51 44.6 26.7 40.1

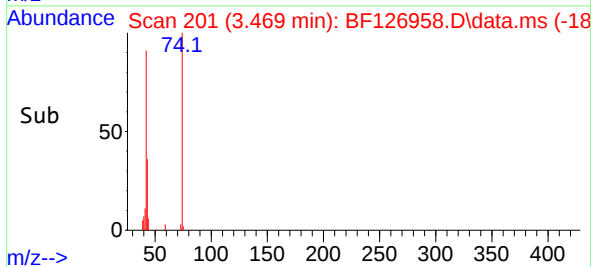
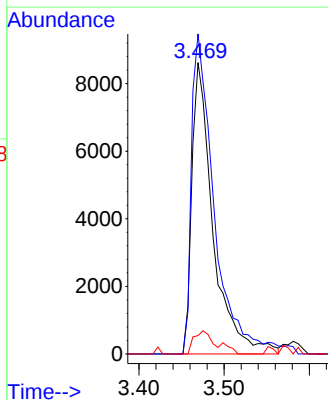
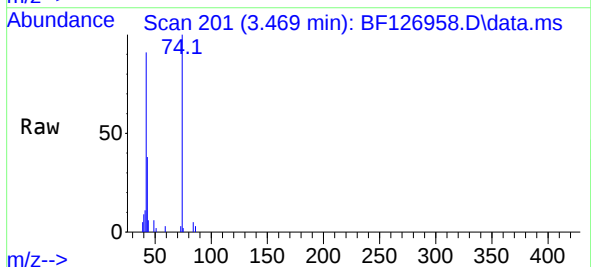
Manual Integrations
APPROVED

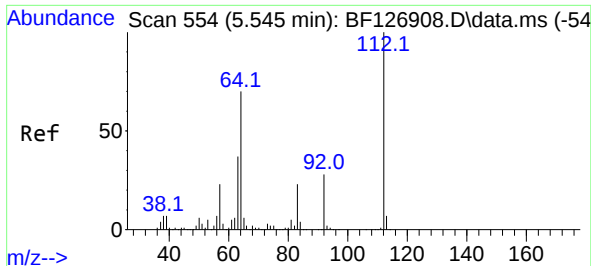
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#4
n-Nitrosodimethylamine
Concen: 3.627 ng
RT: 3.469 min Scan# 201
Delta R.T. -0.017 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

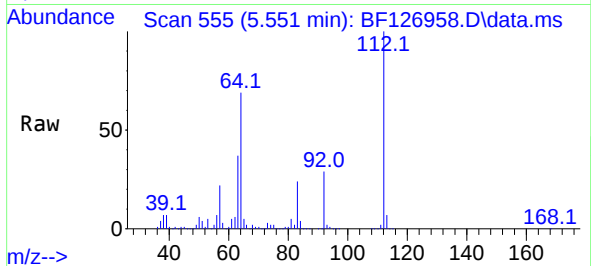
Tgt Ion: 42 Resp: 14868
Ion Ratio Lower Upper
42 100
74 109.8 125.6 188.4
44 6.3 5.7 8.5





#5
2-Fluorophenol
Concen: 140.114 ng
RT: 5.551 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

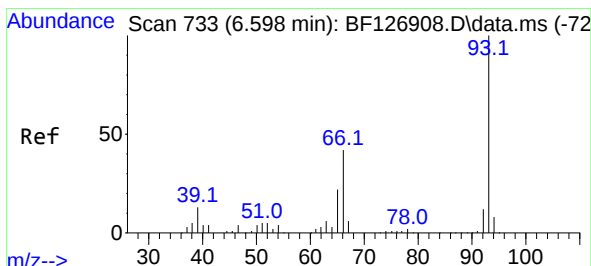
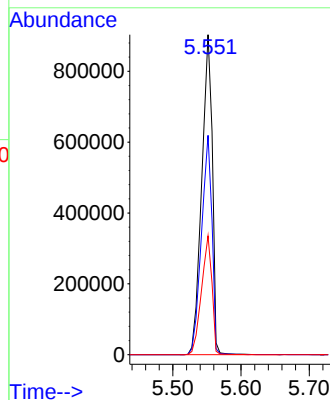
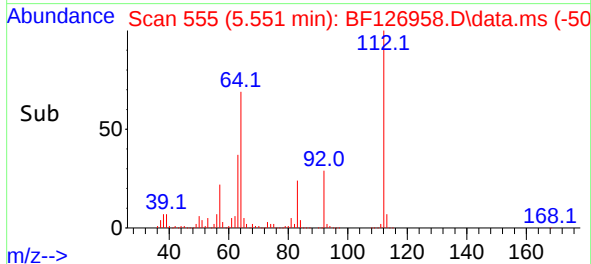
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



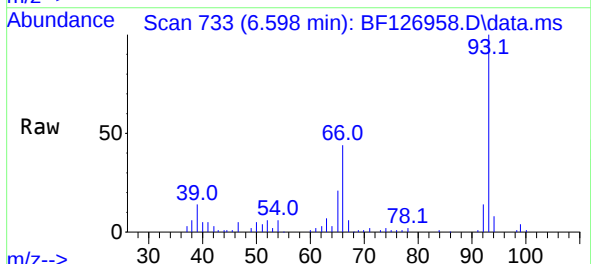
Tgt Ion:112 Resp: 976842
Ion Ratio Lower Upper
112 100
64 68.5 49.5 74.3
63 37.1 23.9 35.9

Manual Integrations
APPROVED

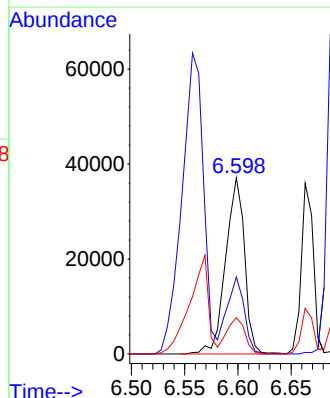
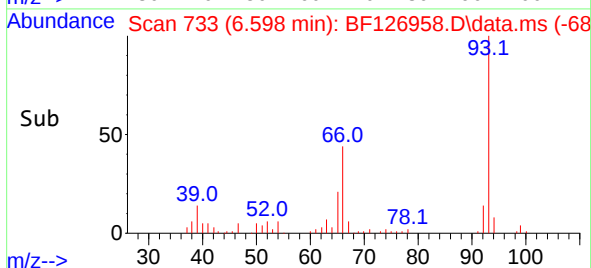
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

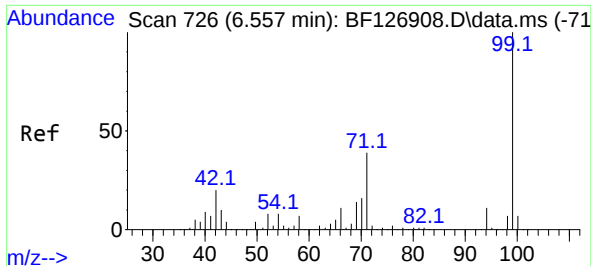


#6
Aniline
Concen: 4.109 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



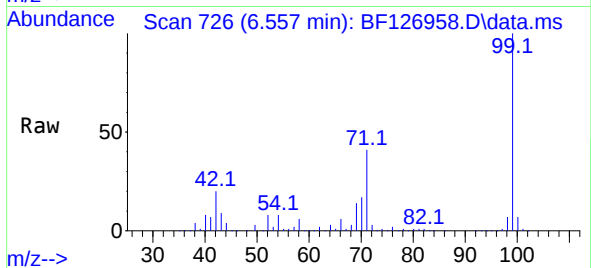
Tgt Ion: 93 Resp: 45797
Ion Ratio Lower Upper
93 100
66 43.7 32.2 48.4
65 20.6 16.3 24.5





#7
Phenol-d6
Concen: 142.372 ng
RT: 6.557 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

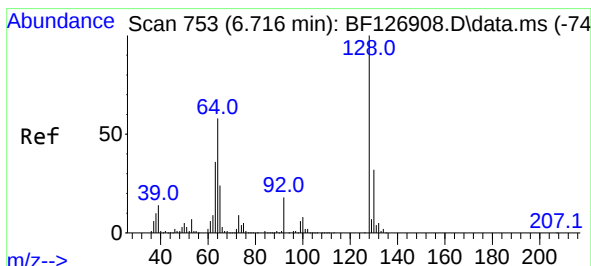
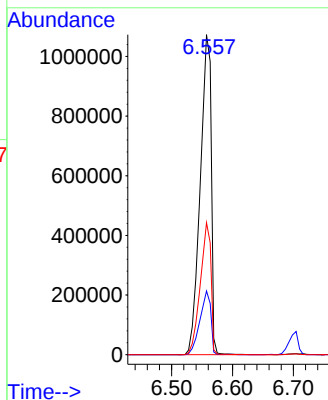
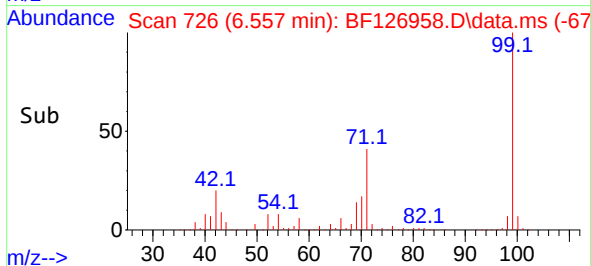
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



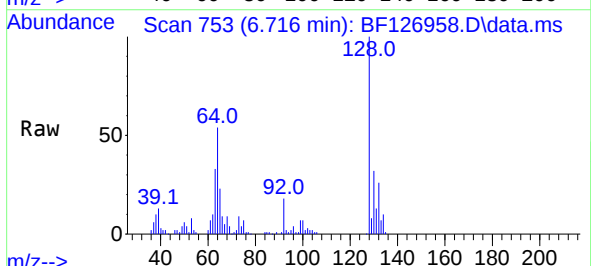
Tgt Ion: 99 Resp: 133935
Ion Ratio Lower Upper
99 100
42 19.9 14.2 21.4
71 41.3 24.3 36.5

Manual Integrations
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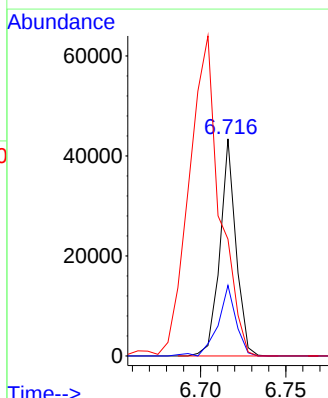
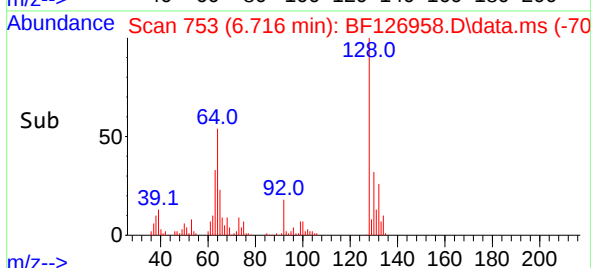
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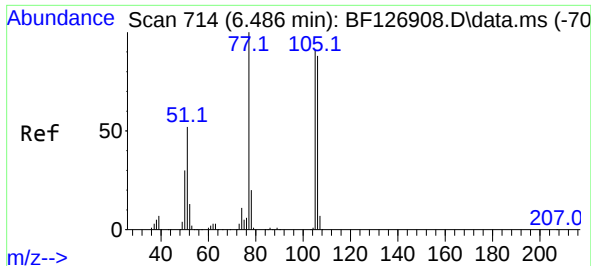


#8
2-Chlorophenol
Concen: 3.800 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



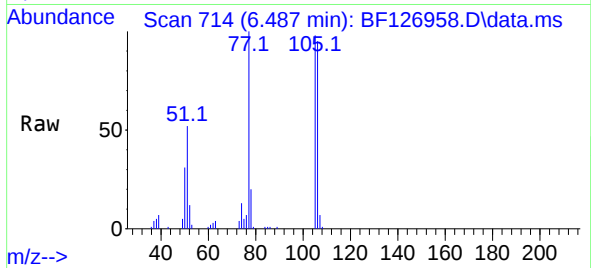
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Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 53.8 35.6 75.6





#9
Benzaldehyde
Concen: 4.663 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

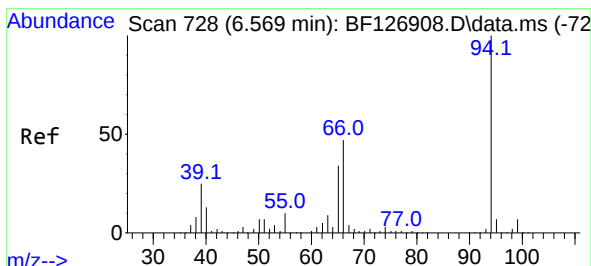
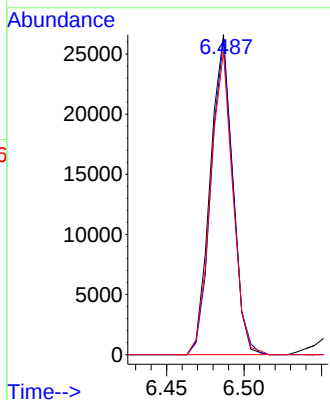
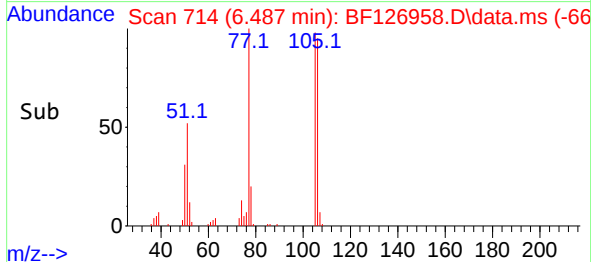
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



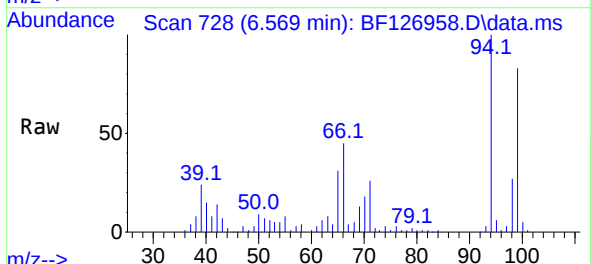
Tgt Ion: 77 Resp: 2670
Ion Ratio Lower Upper
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106 94.7 72.4 112.4

Manual Integrations
APPROVED

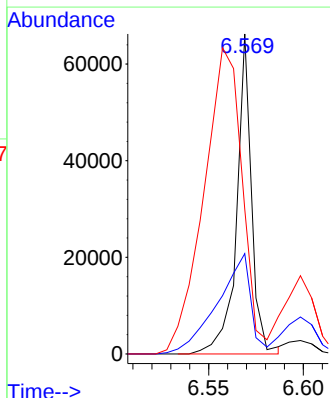
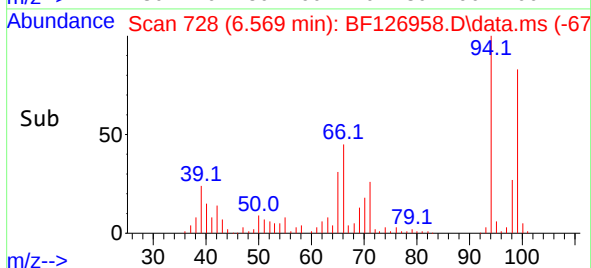
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#10
Phenol
Concen: 3.800 ng
RT: 6.569 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



Tgt Ion: 94 Resp: 36124
Ion Ratio Lower Upper
94 100
65 31.4 7.2 47.2
66 45.3 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 3.761 ng

RT: 6.663 min Scan# 745

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA_F

ClientSampleId :

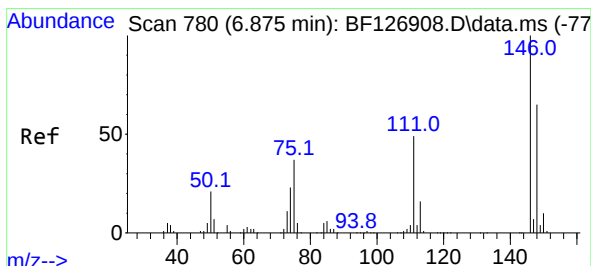
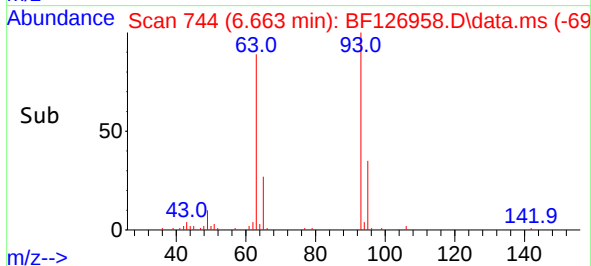
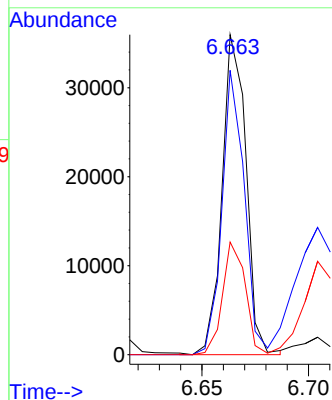
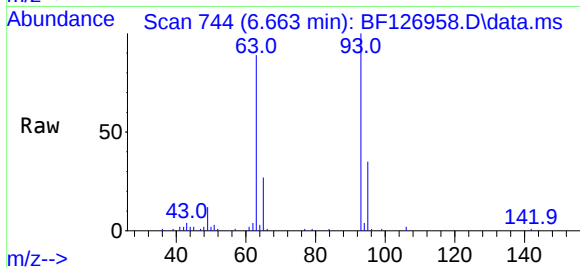
MDL-WATER-03-QT4-2021

Tgt Ion: 93 Resp: 28038

Ion	Ratio	Lower	Upper
93	100		
63	88.8	60.5	100.5
95	35.2	12.9	52.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#12

1,3-Dichlorobenzene

Concen: 3.789 ng

RT: 6.869 min Scan# 779

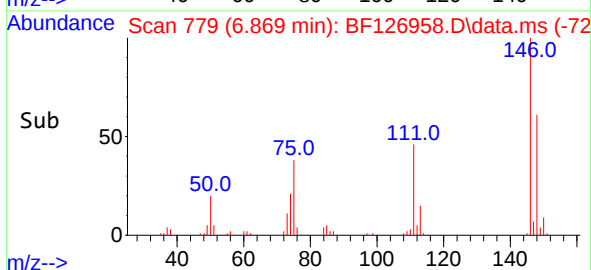
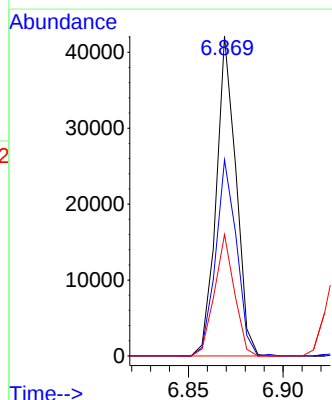
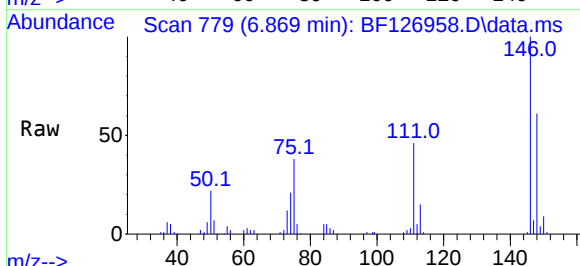
Delta R.T. -0.006 min

Lab File: BF126958.D

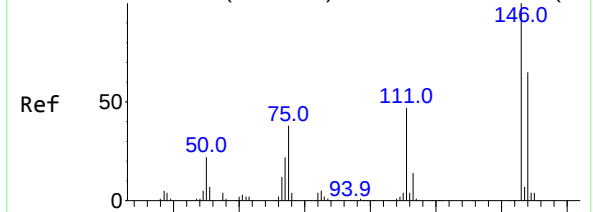
Acq: 18 Feb 2022 18:06

Tgt Ion:146 Resp: 30571

Ion	Ratio	Lower	Upper
146	100		
148	61.3	50.9	76.3
75	37.9	28.4	42.6

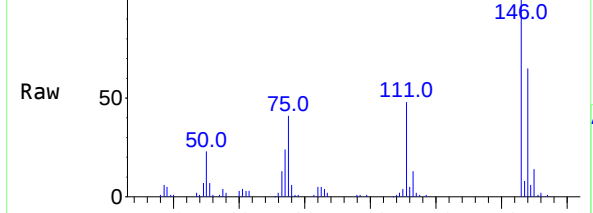


Abundance Scan 793 (6.951 min): BF126908.D\data.ms (-78



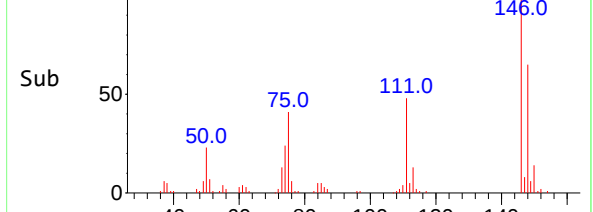
m/z-->

Abundance Scan 792 (6.945 min): BF126958.D\data.ms



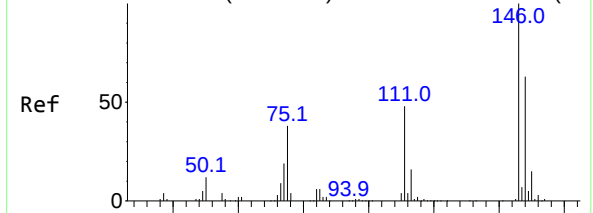
m/z-->

Abundance Scan 792 (6.945 min): BF126958.D\data.ms (-74



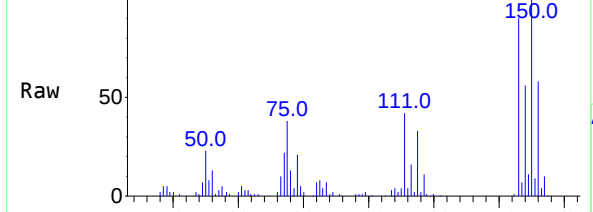
m/z-->

Abundance Scan 819 (7.104 min): BF126908.D\data.ms (-81



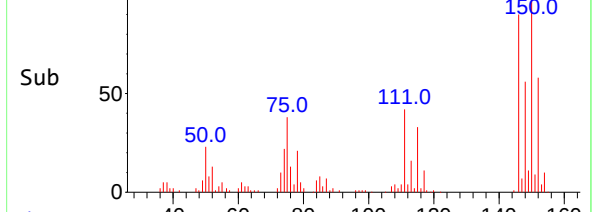
m/z-->

Abundance Scan 818 (7.098 min): BF126958.D\data.ms



m/z-->

Abundance Scan 818 (7.098 min): BF126958.D\data.ms (-76



m/z-->

#13

1,4-Dichlorobenzene

Concen: 3.847 ng

RT: 6.945 min Scan# 792

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Tgt Ion:146 Resp: 31470

Ion Ratio Lower Upper

146 100

148 65.2 49.8 74.6

111 48.3 36.1 54.1

Instrument :

BNA_F

ClientSampleId :

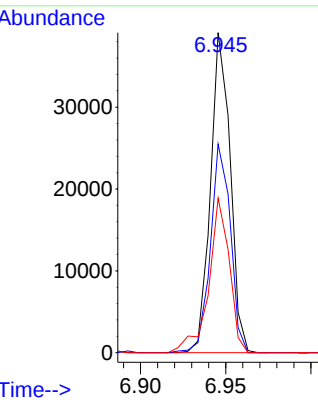
MDL-WATER-03-QT4-2021

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2022

Supervised By :Jagrut Upadhyay 02/21/2022



#14

1,2-Dichlorobenzene

Concen: 3.842 ng

RT: 7.098 min Scan# 818

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

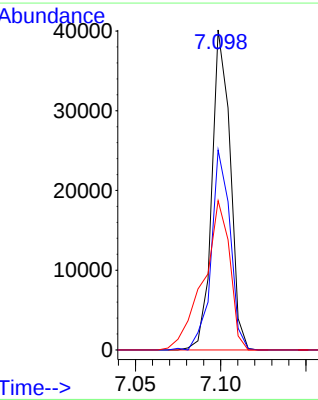
Tgt Ion:146 Resp: 29975

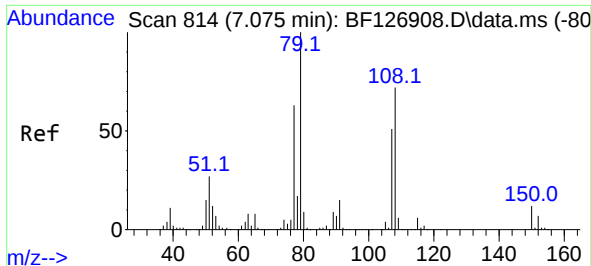
Ion Ratio Lower Upper

146 100

148 62.5 51.6 77.4

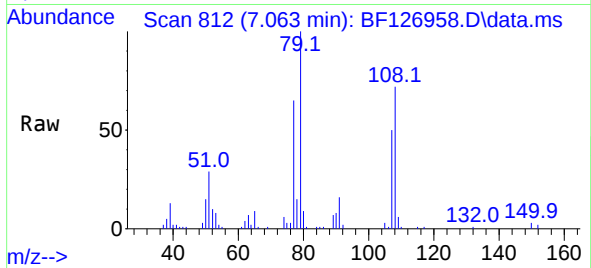
111 46.6 40.2 60.2





#15
Benzyl Alcohol
Concen: 4.710 ng m
RT: 7.063 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

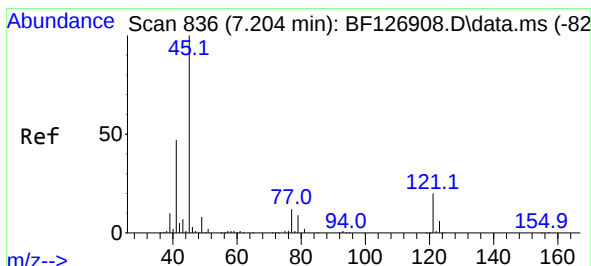
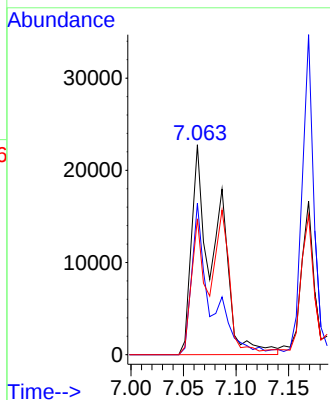
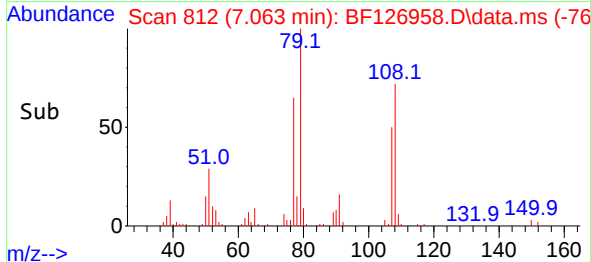
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



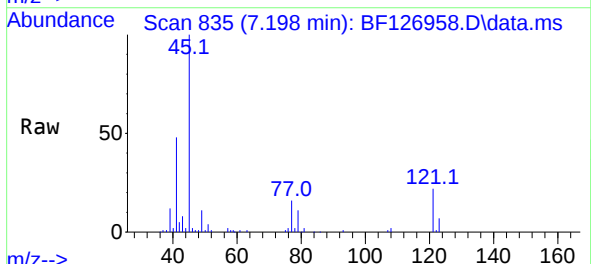
Tgt Ion: 79 Resp: 3732
Ion Ratio Lower Upper
79 100
108 72.1 63.2 94.8
77 64.7 49.4 74.2

Manual Integrations
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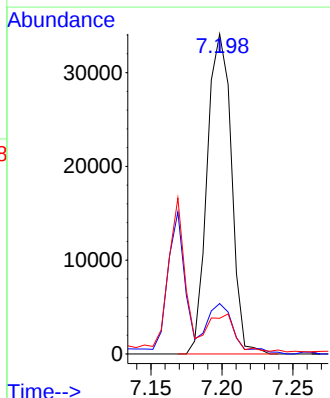
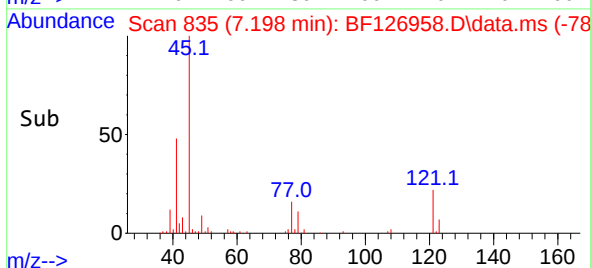
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

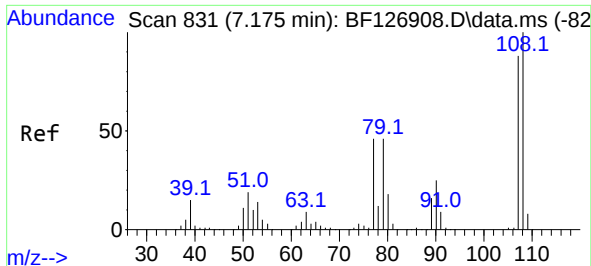


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.448 ng
RT: 7.198 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



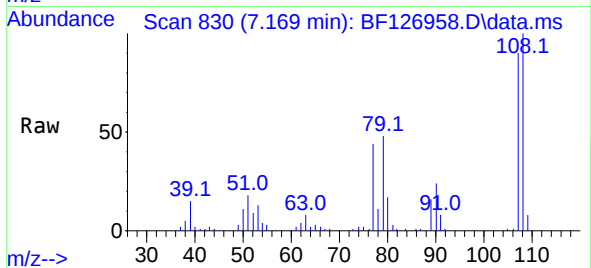
Tgt Ion: 45 Resp: 40477
Ion Ratio Lower Upper
45 100
77 15.7 0.0 32.4
79 11.2 0.0 29.8





#17
2-Methylphenol
Concen: 3.818 ng
RT: 7.169 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

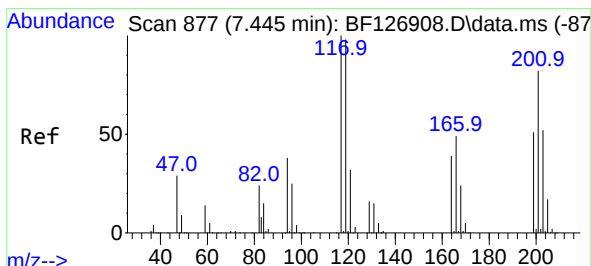
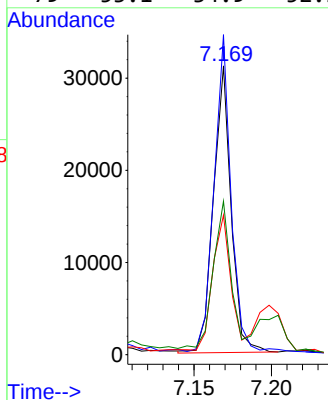
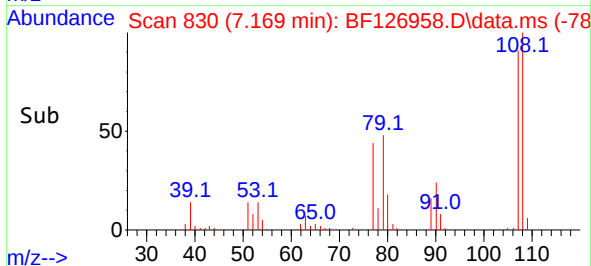
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:107 Resp: 24708
Ion Ratio Lower Upper
107 100
108 110.8 93.4 140.0
77 48.4 36.1 54.1
79 53.1 34.9 52.3#

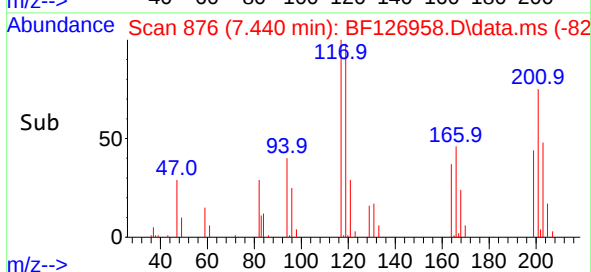
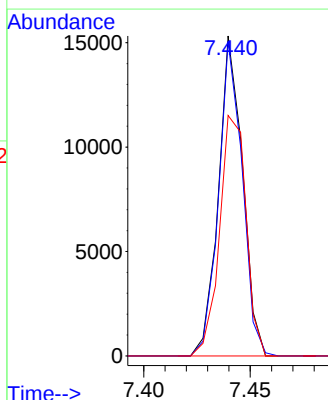
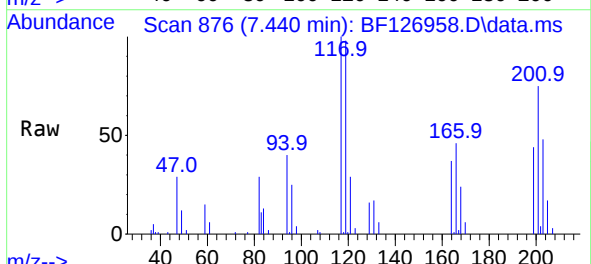
Manual Integrations
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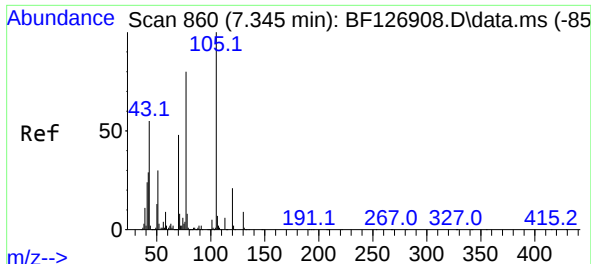
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#18
Hexachloroethane
Concen: 3.847 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

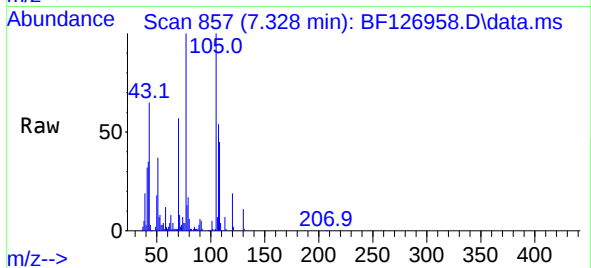
Tgt Ion:117 Resp: 12062
Ion Ratio Lower Upper
117 100
119 98.3 75.4 113.0
201 75.2 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 3.677 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.017 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

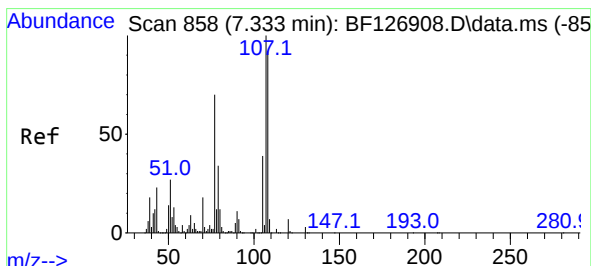
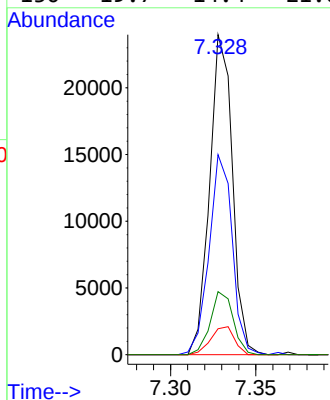
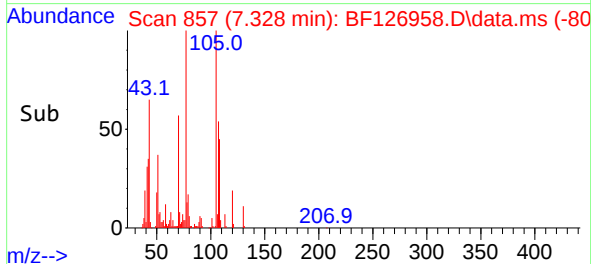
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021



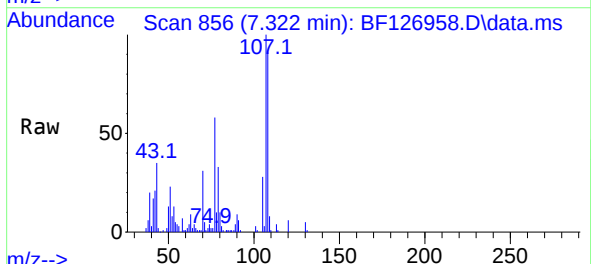
Tgt Ion: 70 Resp: 22289
Ion Ratio Lower Upper
70 100
42 62.5 45.8 68.8
101 8.1 6.9 10.3
130 19.7 14.4 21.6

Manual Integrations
APPROVED

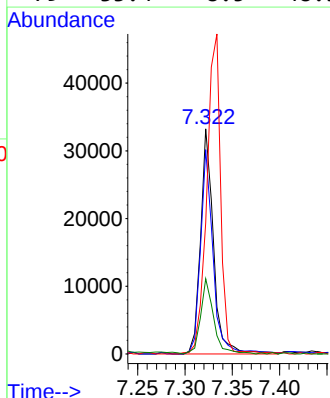
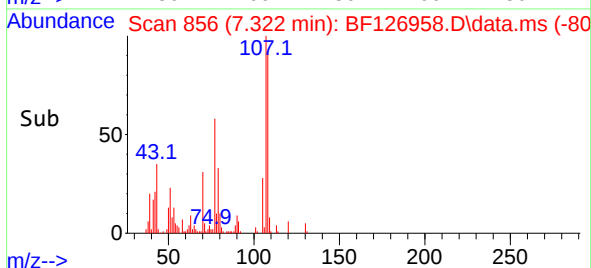
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

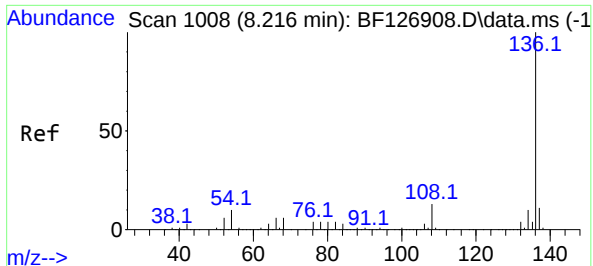


#20
3+4-Methylphenols
Concen: 3.772 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



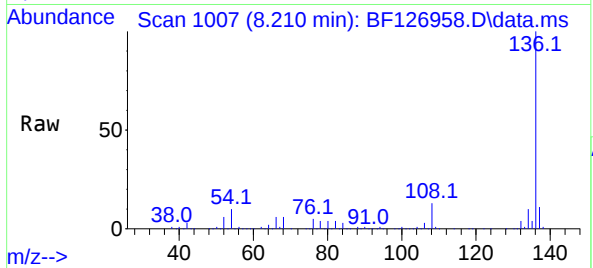
Tgt Ion:107 Resp: 31698
Ion Ratio Lower Upper
107 100
108 90.8 72.4 112.4
77 58.4 83.8 123.8#
79 33.4 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

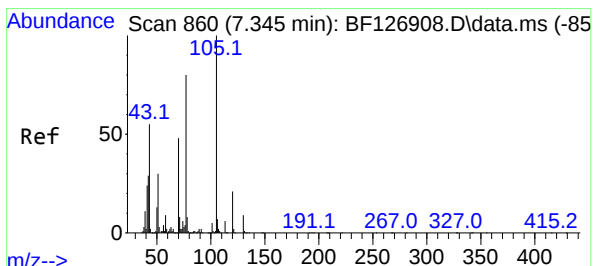
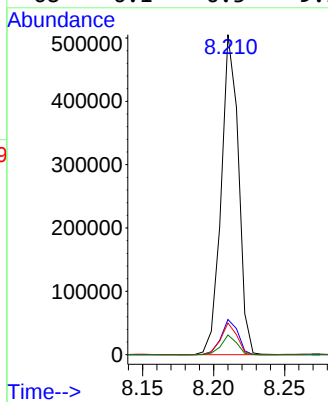
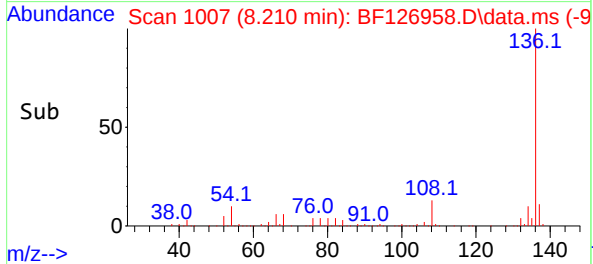
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



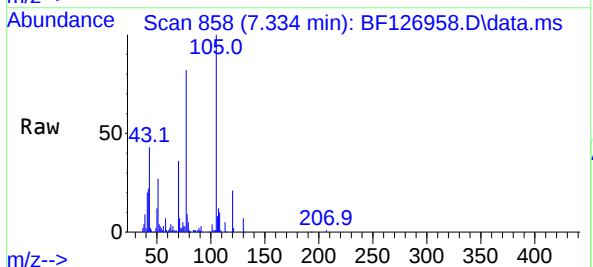
Tgt Ion:136 Resp: 42626
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.9 7.8 11.6
68 6.1 6.3 9.5#

Manual Integrations
APPROVED

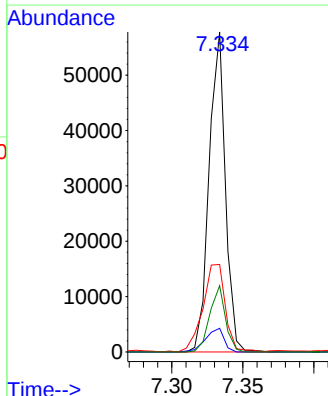
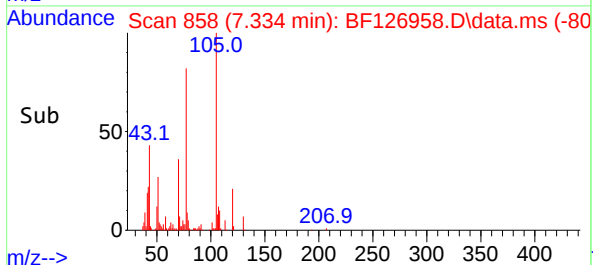
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

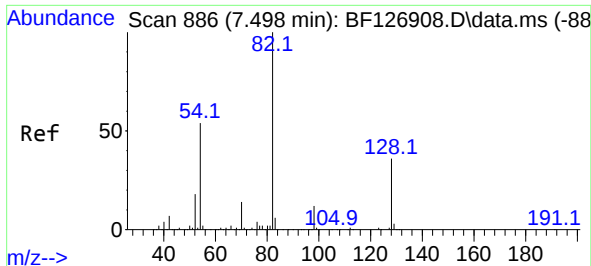


#22
Acetophenone
Concen: 4.116 ng
RT: 7.334 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



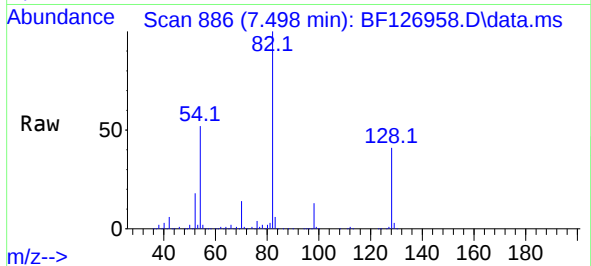
Tgt Ion:105 Resp: 46190
Ion Ratio Lower Upper
105 100
71 7.4 5.4 8.0
51 27.4 27.4 41.0#
120 20.7 17.0 25.6





#23
Nitrobenzene-d5
Concen: 79.371 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

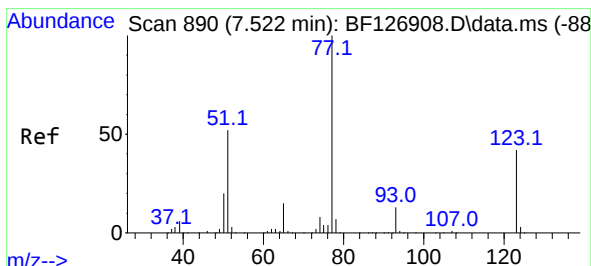
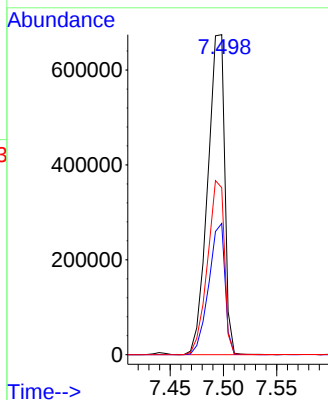
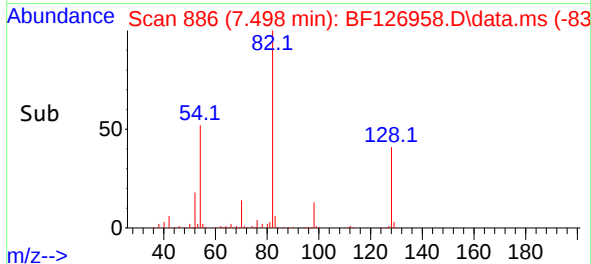
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



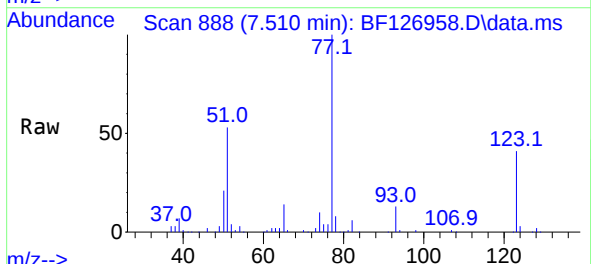
Tgt Ion: 82 Resp: 749550
Ion Ratio Lower Upper
82 100
128 41.0 32.7 49.1
54 52.2 41.7 62.5

Manual Integrations
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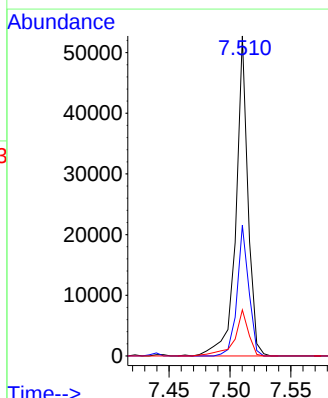
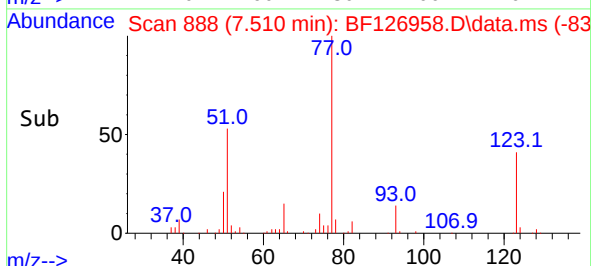
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

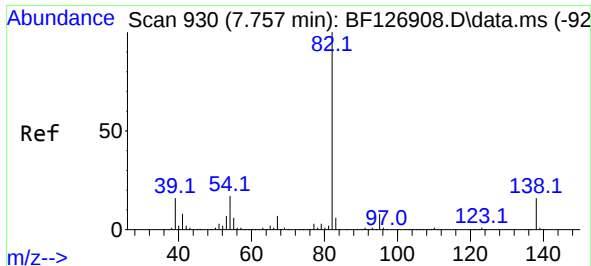


#24
Nitrobenzene
Concen: 4.045 ng
RT: 7.510 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



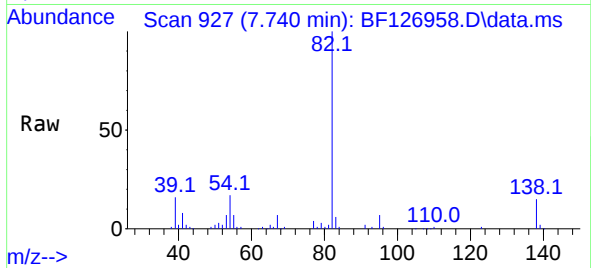
Tgt Ion: 77 Resp: 36090
Ion Ratio Lower Upper
77 100
123 40.8 34.6 52.0
65 14.4 10.6 15.8





#25
Isophorone
Concen: 4.081 ng
RT: 7.740 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

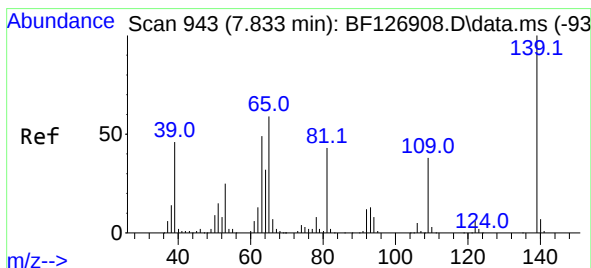
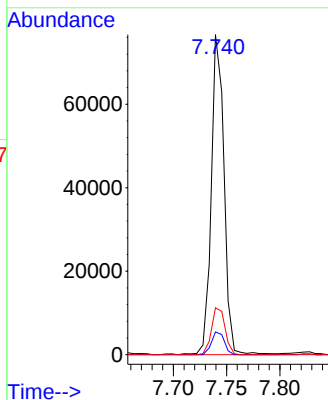
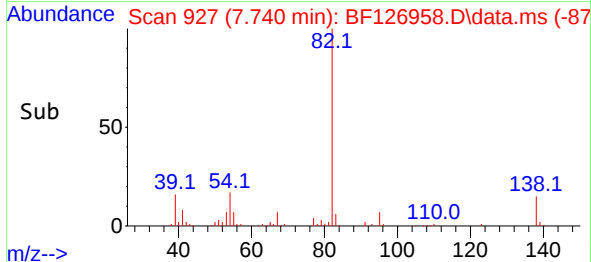
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021



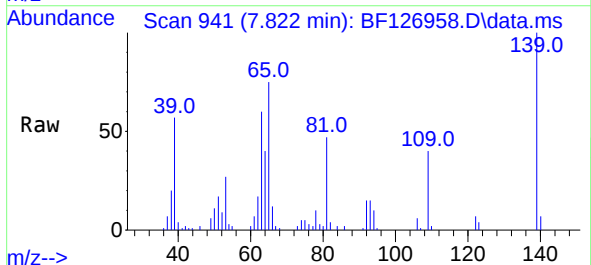
Tgt Ion: 82 Resp: 63780
Ion Ratio Lower Upper
82 100
95 7.1 5.0 7.4
138 14.7 12.3 18.5

Manual Integrations
APPROVED

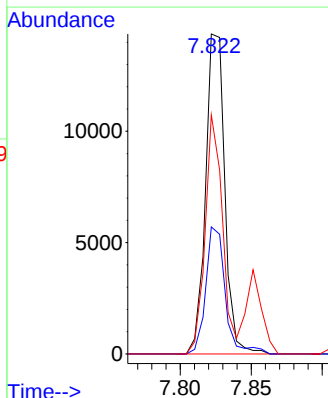
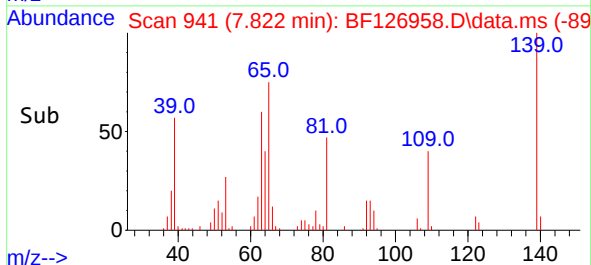
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

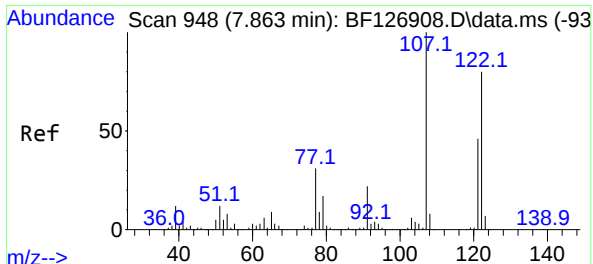


#26
2-Nitrophenol
Concen: 3.563 ng
RT: 7.822 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



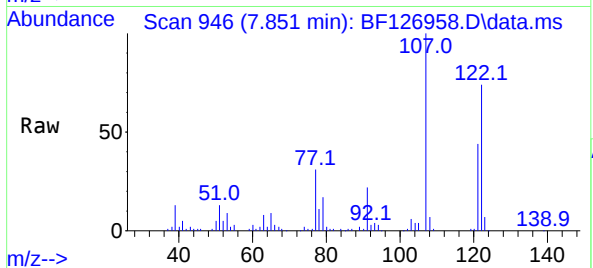
Tgt Ion:139 Resp: 13533
Ion Ratio Lower Upper
139 100
109 39.7 20.0 30.0#
65 74.7 40.8 61.2#





#27
2,4-Dimethylphenol
Concen: 4.272 ng
RT: 7.851 min Scan# 948
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

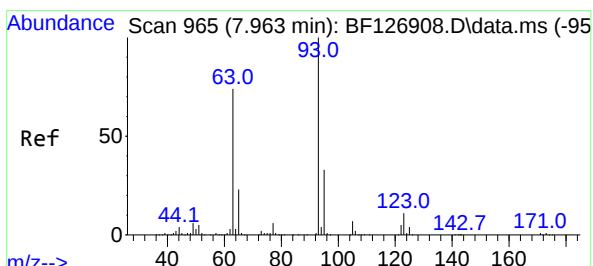
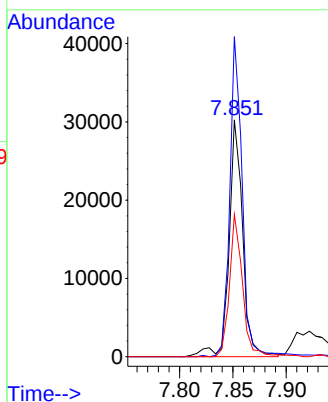
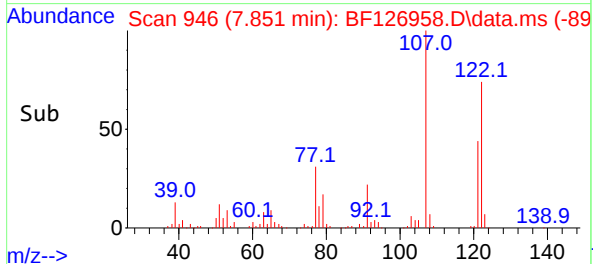
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



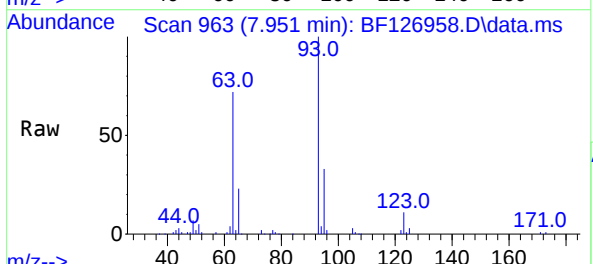
Tgt Ion:122 Resp: 26654
Ion Ratio Lower Upper
122 100
107 135.1 91.2 136.8
121 60.0 44.4 66.6

Manual Integrations
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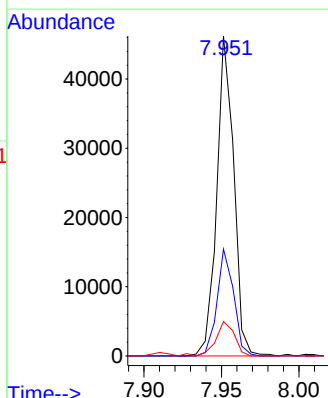
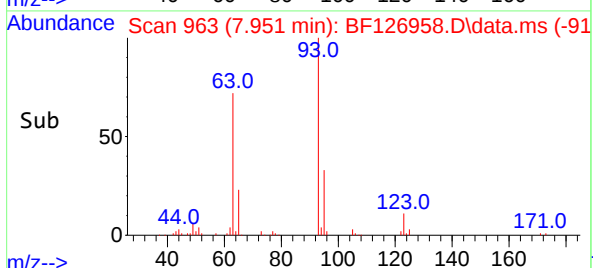
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

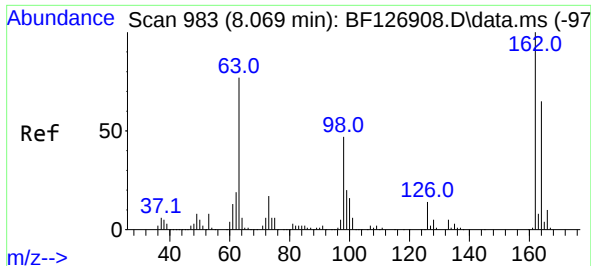


#28
bis(2-Chloroethoxy)methane
Concen: 3.717 ng
RT: 7.951 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



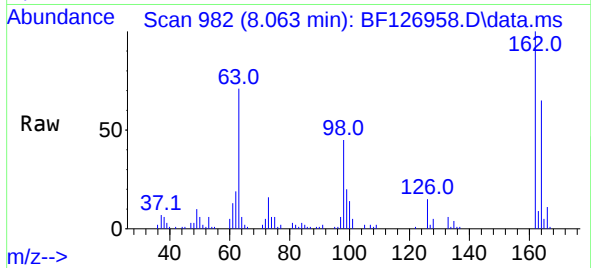
Tgt Ion: 93 Resp: 35215
Ion Ratio Lower Upper
93 100
95 33.4 25.4 38.2
123 10.8 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 3.619 ng
RT: 8.063 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

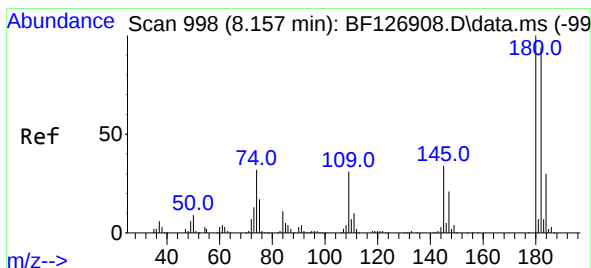
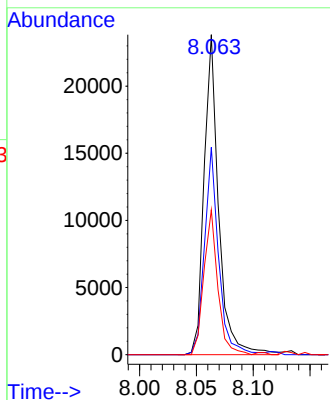
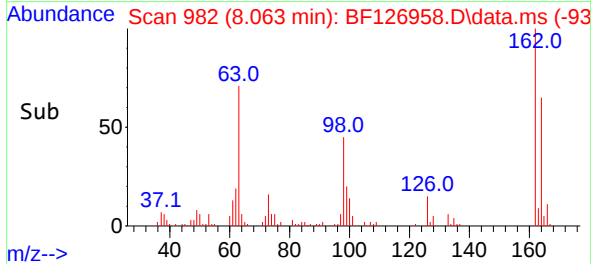
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021



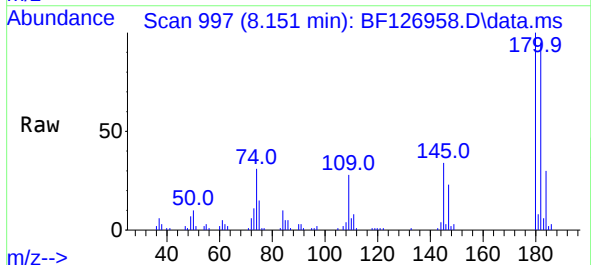
Tgt Ion:162 Resp: 2123
Ion Ratio Lower Upper
162 100
164 64.8 43.8 83.8
98 45.2 23.6 63.6

Manual Integrations
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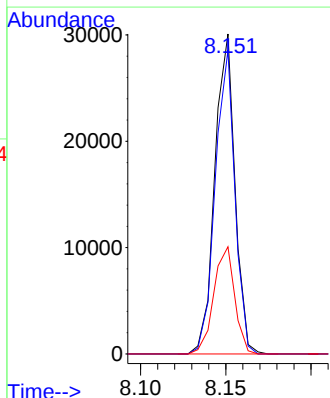
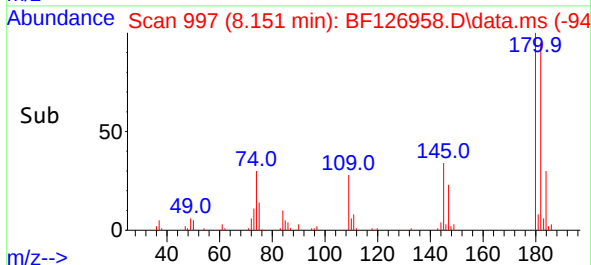
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

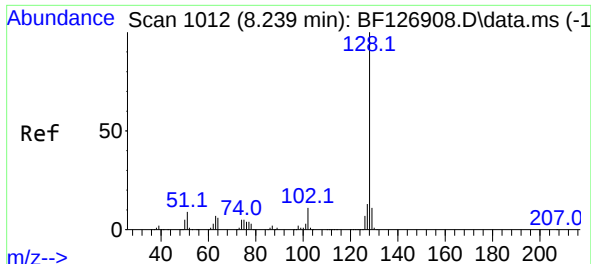


#30
1,2,4-Trichlorobenzene
Concen: 3.767 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



Tgt Ion:180 Resp: 24705
Ion Ratio Lower Upper
180 100
182 95.0 75.5 113.3
145 33.5 26.2 39.2





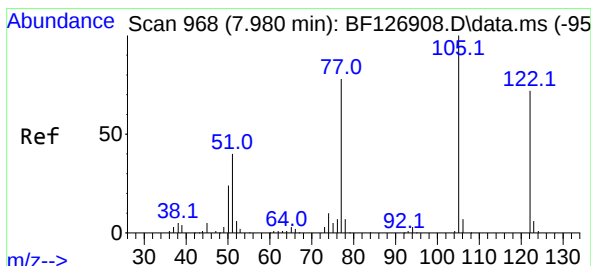
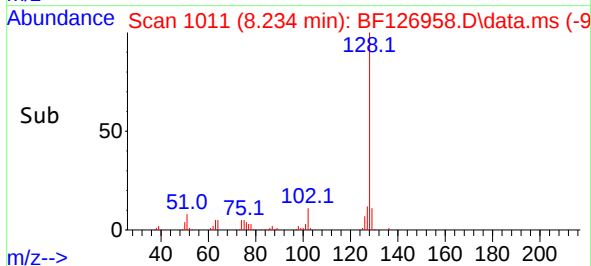
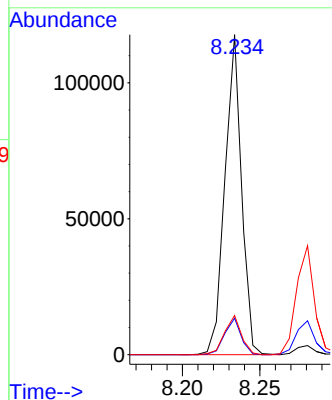
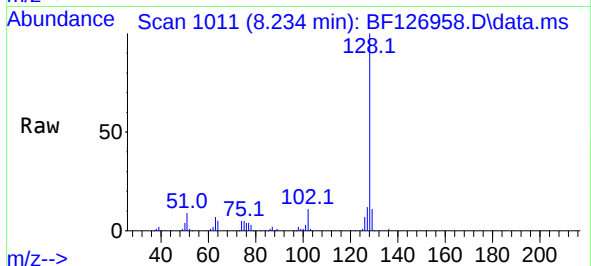
#31
Naphthalene
Concen: 3.950 ng
RT: 8.234 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:128 Resp: 8789
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 12.2 10.3 15.5

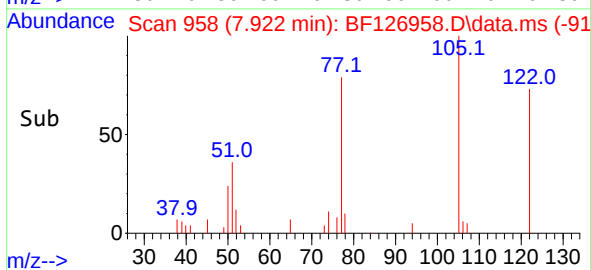
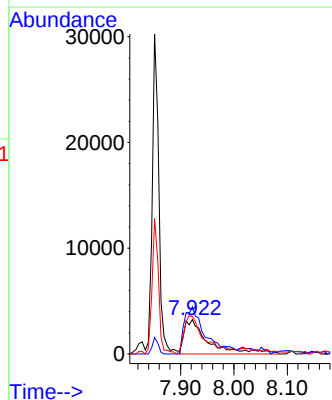
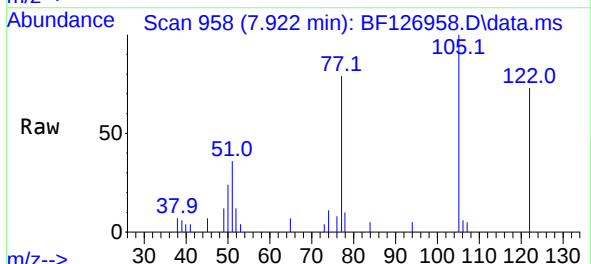
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#32
Benzoic acid
Concen: 2.287 ng m
RT: 7.922 min Scan# 958
Delta R.T. -0.059 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

Tgt Ion:122 Resp: 10121
Ion Ratio Lower Upper
122 100
105 137.2 101.0 141.0
77 109.0 74.5 114.5





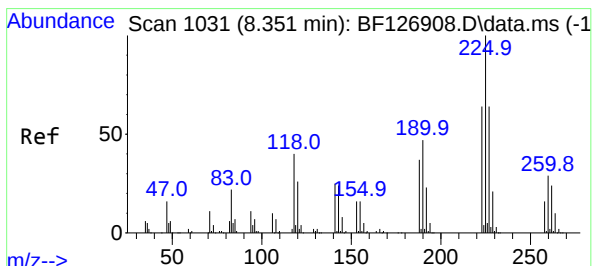
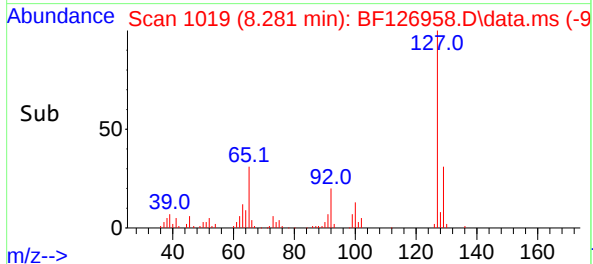
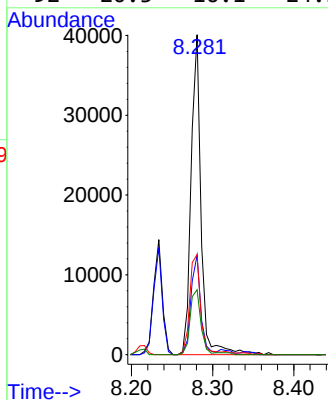
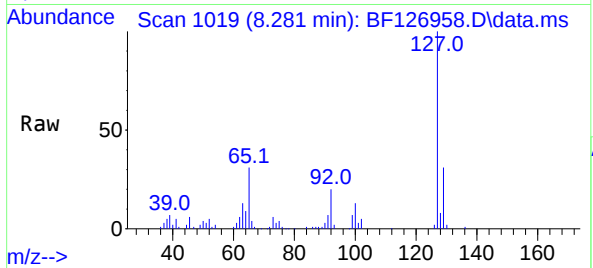
#33
4-Chloroaniline
Concen: 3.942 ng
RT: 8.281 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:	127	Resp:	34524
Ion Ratio	Lower	Upper	
127	100		
129	31.1	26.5	39.7
65	31.3	26.6	39.8
92	20.3	16.1	24.1

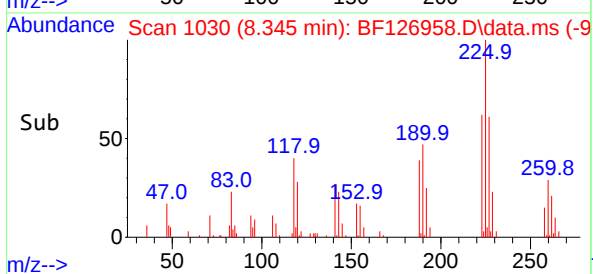
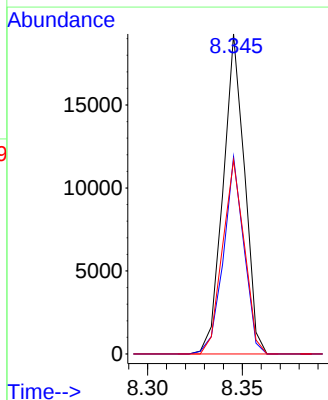
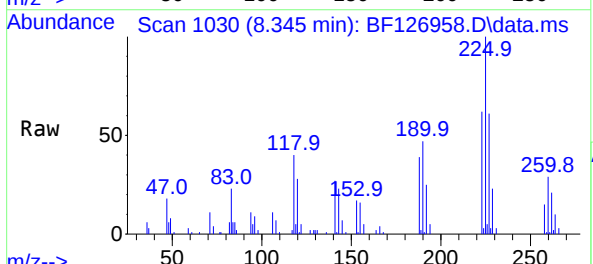
Manual Integrations
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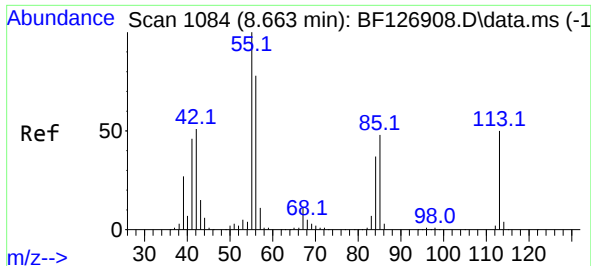
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#34
Hexachlorobutadiene
Concen: 3.956 ng
RT: 8.345 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

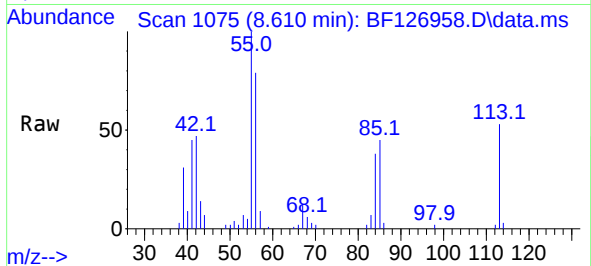
Tgt Ion:	225	Resp:	15149
Ion Ratio	Lower	Upper	
225	100		
223	61.7	48.6	73.0
227	60.6	51.4	77.0





#35
 Caprolactam
 Concen: 3.396 ng
 RT: 8.610 min Scan# 1098
 Delta R.T. -0.053 min
 Lab File: BF126958.D
 Acq: 18 Feb 2022 18:06

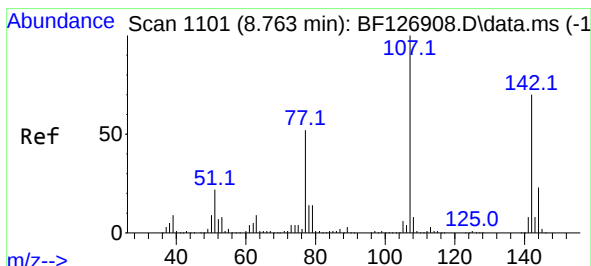
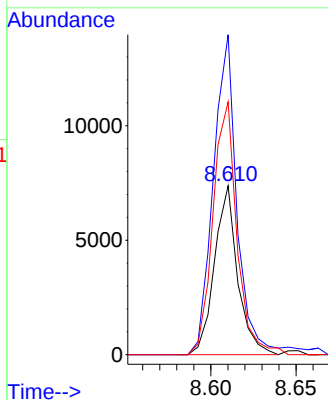
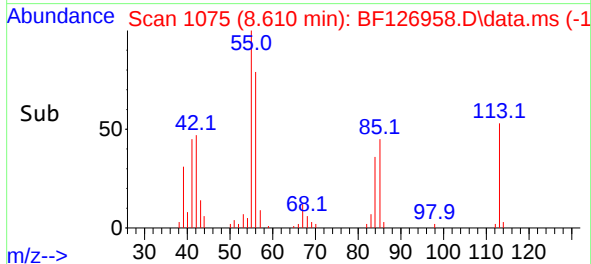
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT4-2021



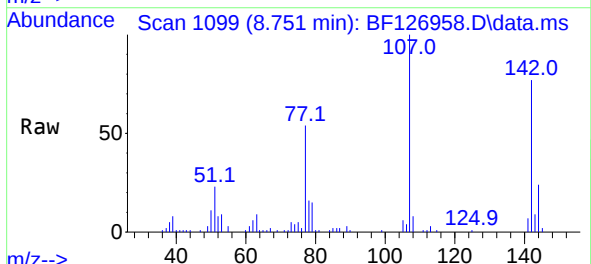
Tgt Ion:113 Resp: 6958
 Ion Ratio Lower Upper
 113 100
 55 189.4 183.9 223.9
 56 149.6 129.9 169.9

Manual Integrations
 APPROVED

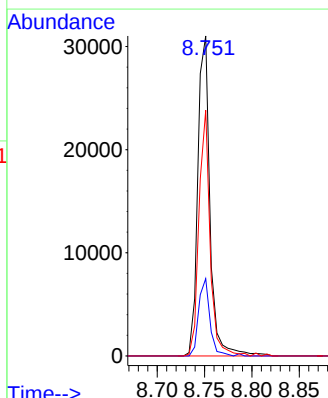
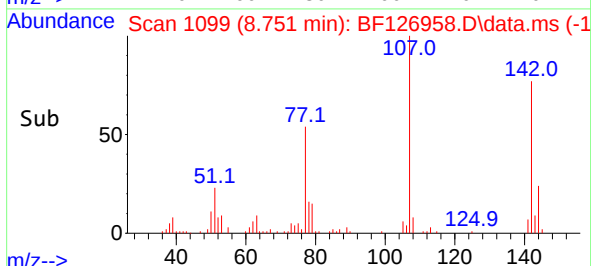
Reviewed By :Christian Giraldo 02/21/2022
 Supervised By :Jagrut Upadhyay 02/21/2022

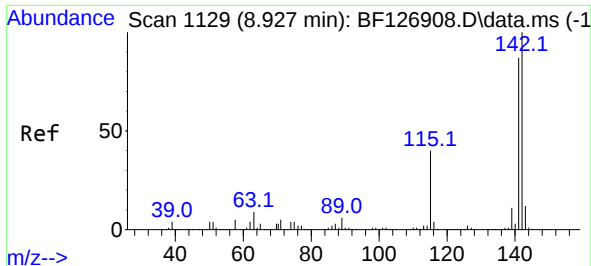


#36
 4-Chloro-3-methylphenol
 Concen: 3.726 ng
 RT: 8.751 min Scan# 1099
 Delta R.T. -0.012 min
 Lab File: BF126958.D
 Acq: 18 Feb 2022 18:06



Tgt Ion:107 Resp: 27939
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.5 27.7
 142 76.8 58.1 87.1





#37

2-Methylnaphthalene

Concen: 3.953 ng

RT: 8.922 min Scan# 1128

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion:142 Resp: 5707

Ion Ratio Lower Upper

142 100

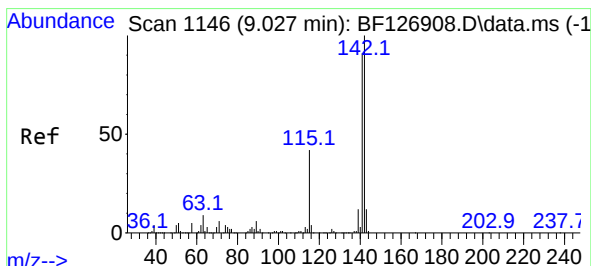
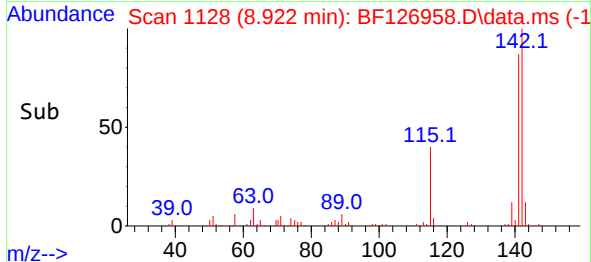
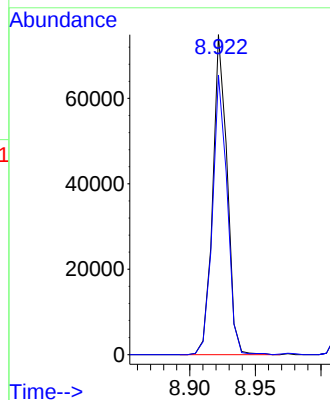
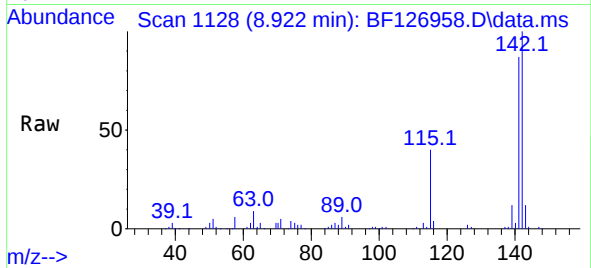
141 87.4 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/21/2022

Supervised By :Jagrut Upadhyay 02/21/2022



#38

1-Methylnaphthalene

Concen: 3.925 ng

RT: 9.022 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BF126958.D

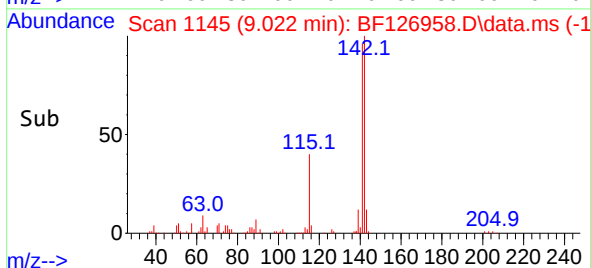
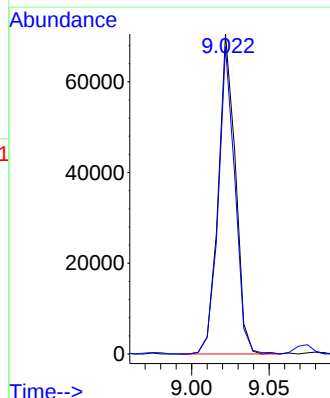
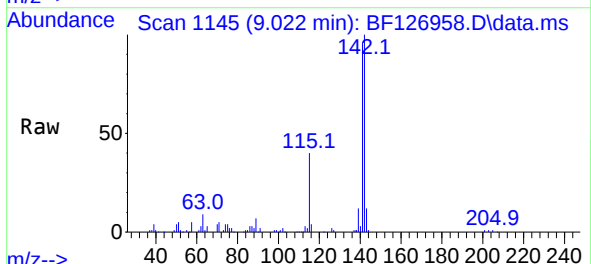
Acq: 18 Feb 2022 18:06

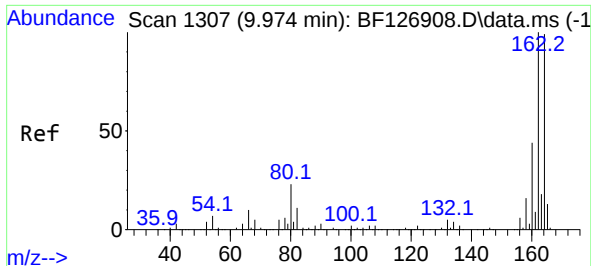
Tgt Ion:142 Resp: 54275

Ion Ratio Lower Upper

142 100

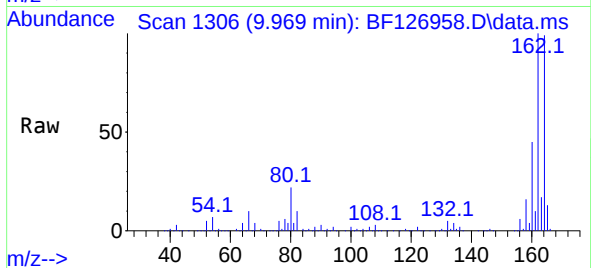
141 96.1 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

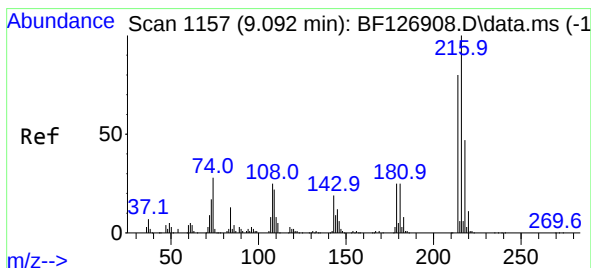
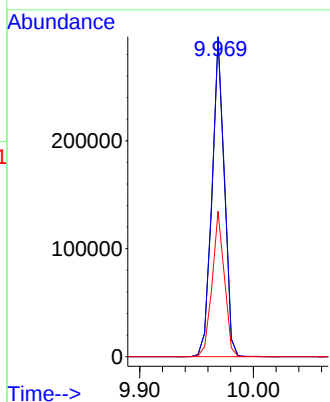
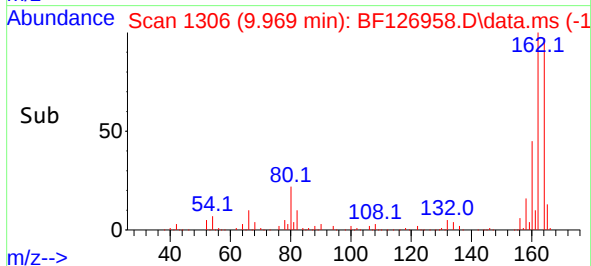
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



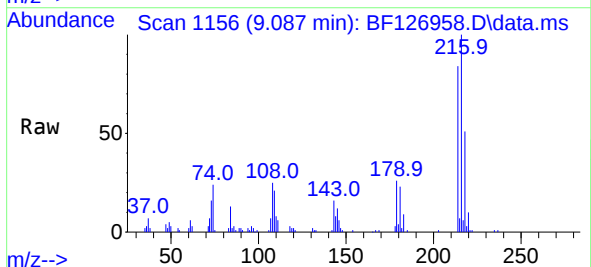
Tgt Ion:164 Resp: 22156
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 45.8 36.6 54.8

Manual Integrations
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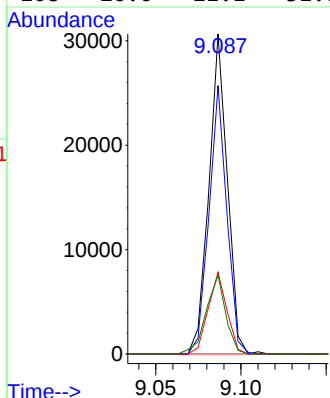
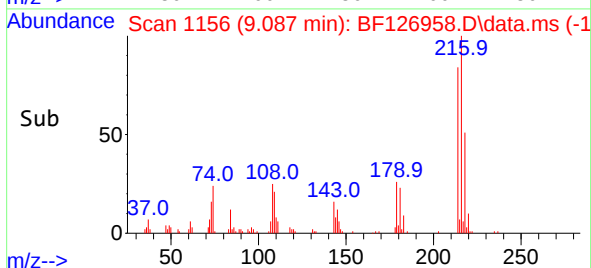
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

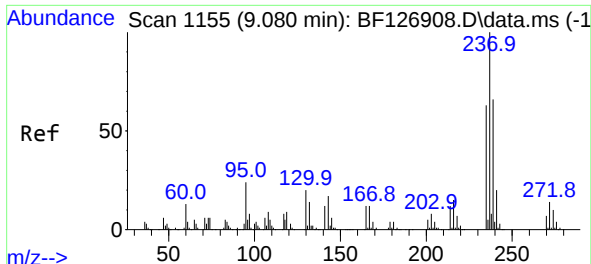


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.947 ng
RT: 9.087 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



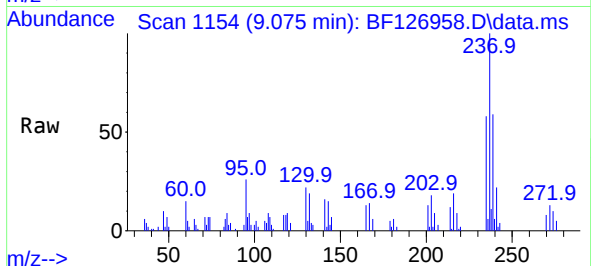
Tgt Ion:216 Resp: 23018
Ion Ratio Lower Upper
216 100
214 80.8 64.6 96.8
179 25.9 19.5 29.3
108 26.0 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 2.964 ng
RT: 9.075 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

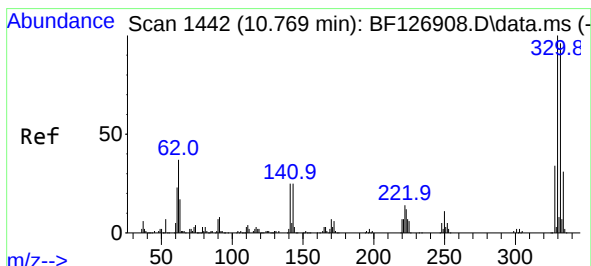
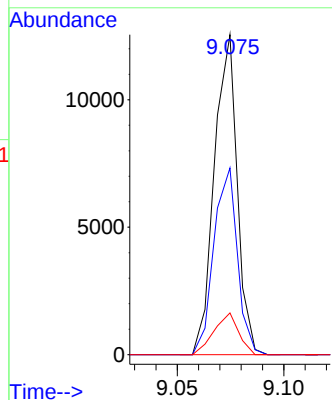
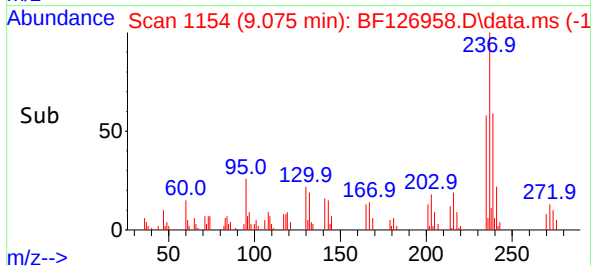
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



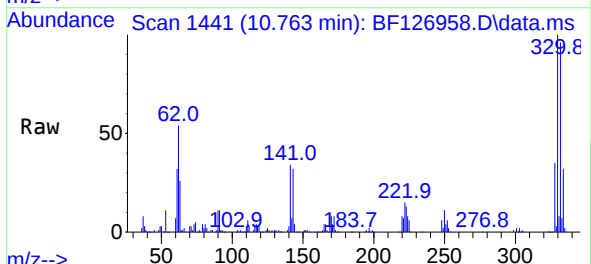
Tgt Ion:237 Resp: 937
Ion Ratio Lower Upper
237 100
235 58.3 38.9 78.9
272 13.0 0.0 33.5

Manual Integrations
APPROVED

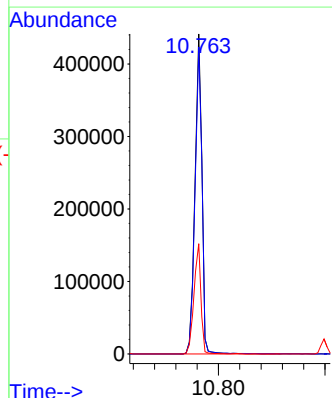
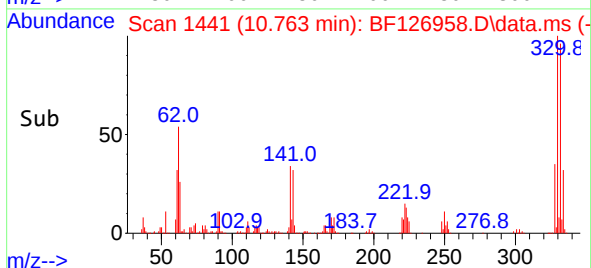
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

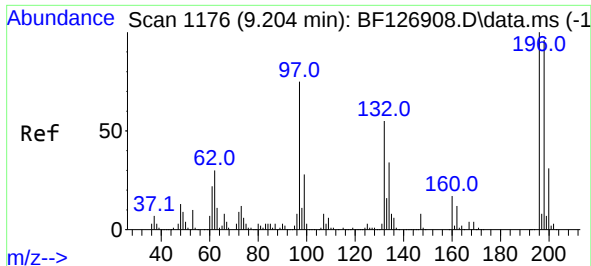


#42
2,4,6-Tribromophenol
Concen: 157.282 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



Tgt Ion:330 Resp: 401226
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 34.6 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 3.656 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

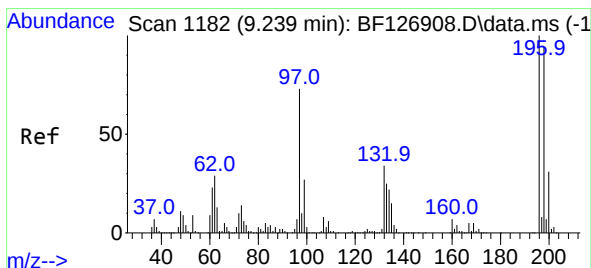
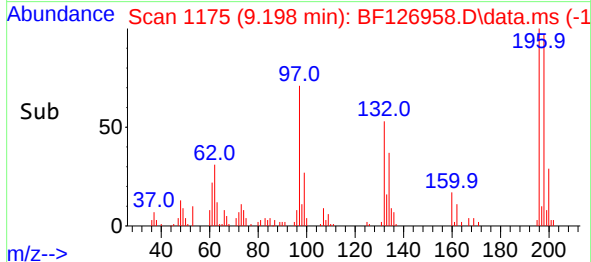
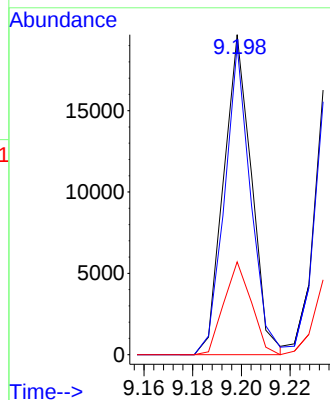
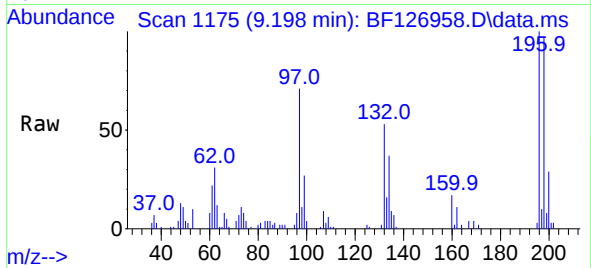
Tgt Ion:196	Resp:	1563
Ion Ratio	Lower	Upper
196	100	
198	96.7	78.5 117.7
200	29.0	24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2022

Supervised By :Jagrut Upadhyay 02/21/2022



#44

2,4,5-Trichlorophenol

Concen: 3.554 ng

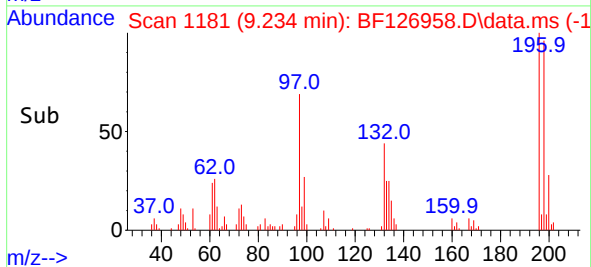
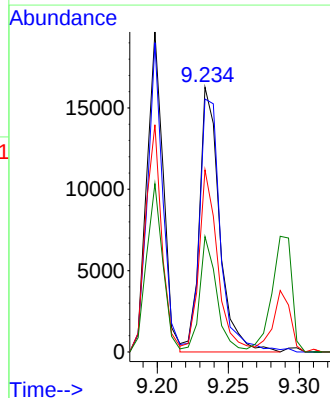
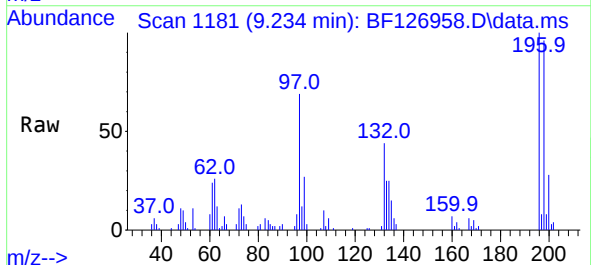
RT: 9.234 min Scan# 1181

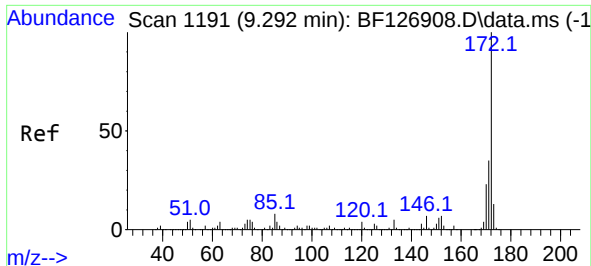
Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

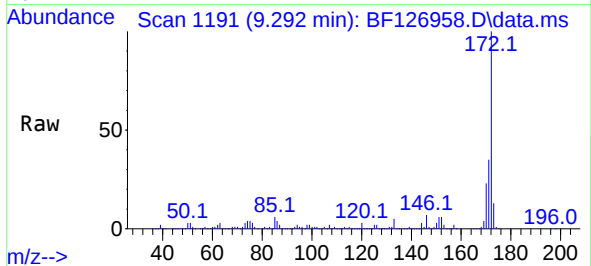
Tgt Ion:196	Resp:	16000
Ion Ratio	Lower	Upper
196	100	
198	95.6	82.0 123.0
97	68.8	53.5 80.3
132	43.6	28.7 43.1#





#45
2-Fluorobiphenyl
Concen: 81.856 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

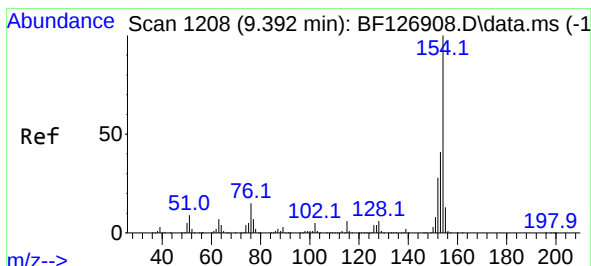
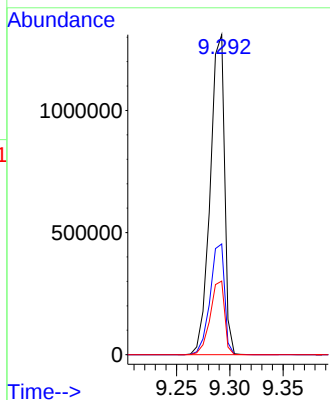
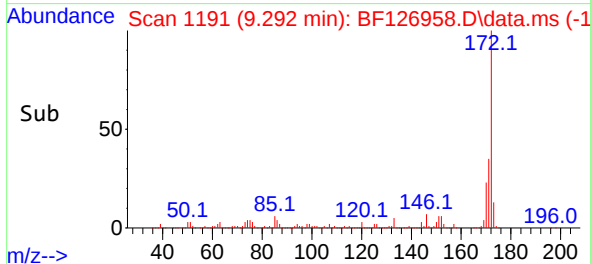
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



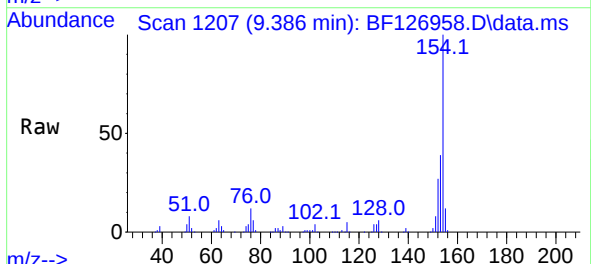
Tgt Ion:172 Resp: 123195
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.0 19.0 28.6

Manual Integrations
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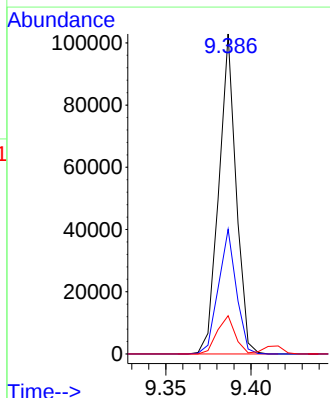
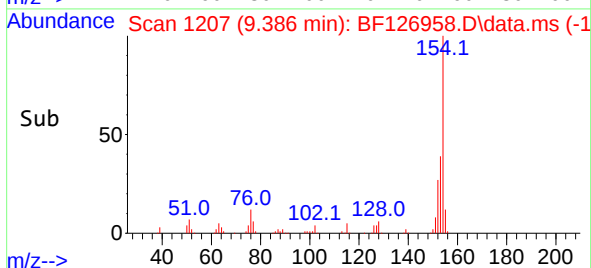
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#46
1,1'-Biphenyl
Concen: 4.134 ng
RT: 9.386 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



Tgt Ion:154 Resp: 72573
Ion Ratio Lower Upper
154 100
153 38.9 19.0 59.0
76 11.9 0.0 34.5





#47

2-Chloronaphthalene

Concen: 3.853 ng

RT: 9.416 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA_F

ClientSampleId :

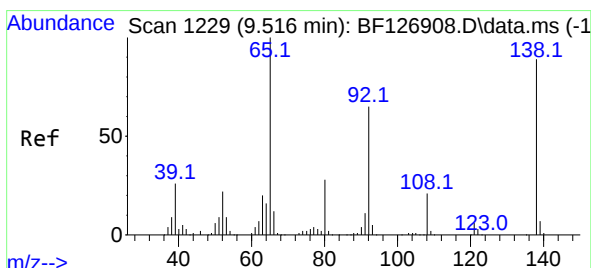
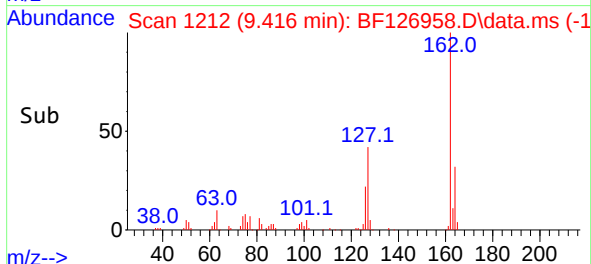
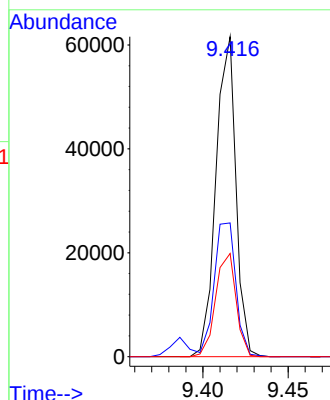
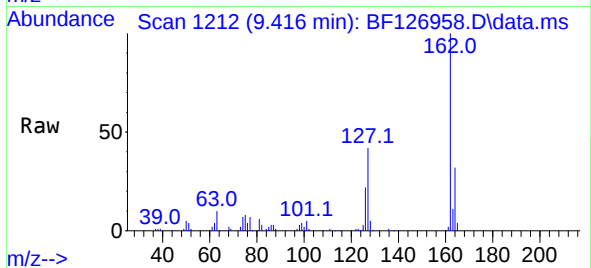
MDL-WATER-03-QT4-2021

Tgt Ion:162	Resp:	5015
Ion Ratio	Lower	Upper
162	100	
127	41.8	33.5 50.3
164	32.2	26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#48

2-Nitroaniline

Concen: 3.528 ng

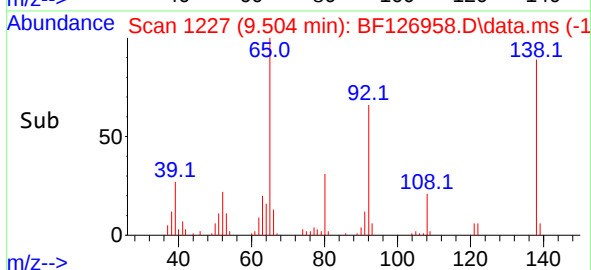
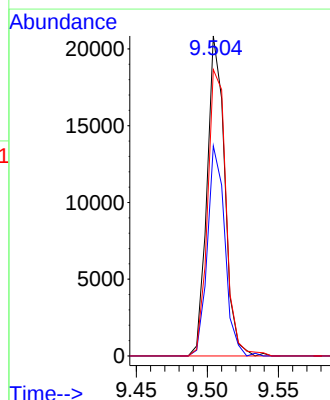
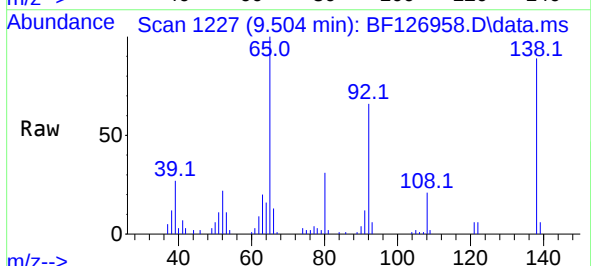
RT: 9.504 min Scan# 1227

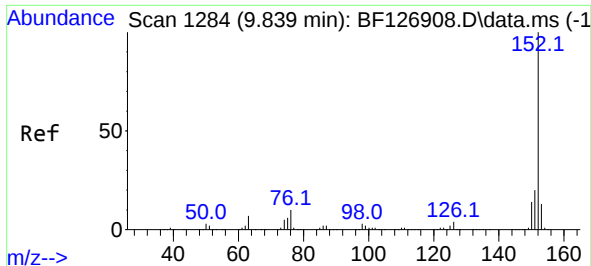
Delta R.T. -0.012 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Tgt Ion: 65	Resp:	18122
Ion Ratio	Lower	Upper
65	100	
92	65.7	54.4 81.6
138	89.5	72.5 108.7





#49

Acenaphthylene

Concen: 4.141 ng

RT: 9.828 min Scan# 1282

Delta R.T. -0.012 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2021

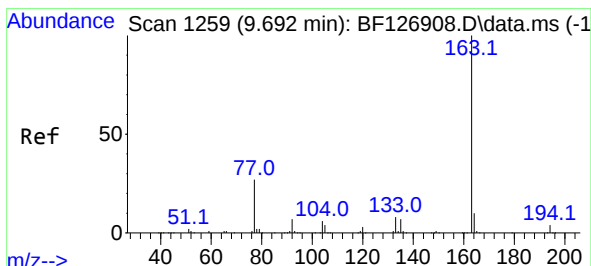
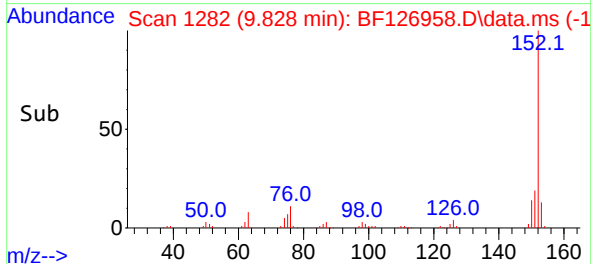
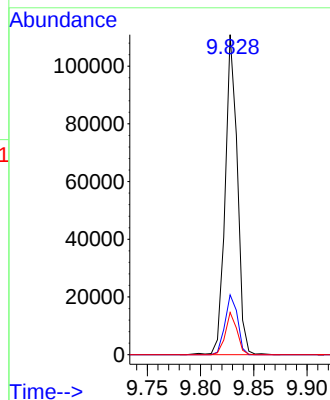
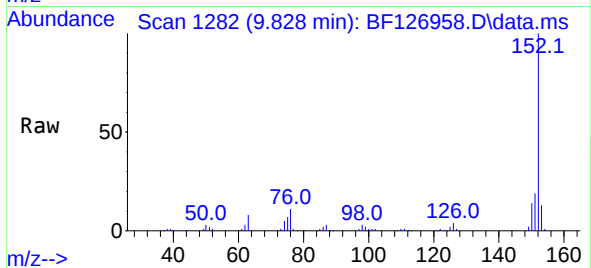
Tgt Ion:152 Resp: 8757

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.7	23.5
153	13.2	11.4	17.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#50

Dimethylphthalate

Concen: 3.836 ng

RT: 9.681 min Scan# 1257

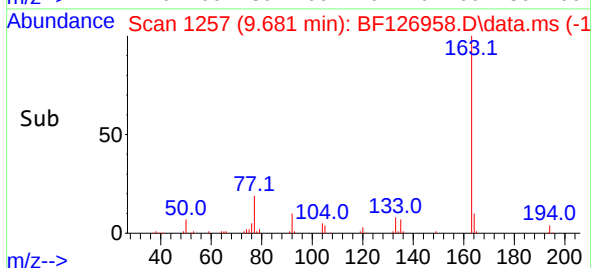
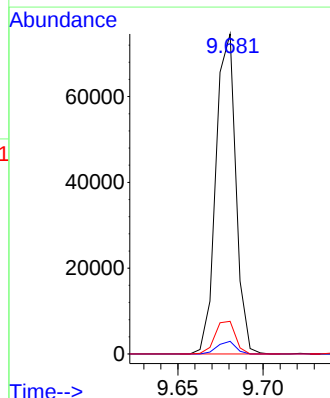
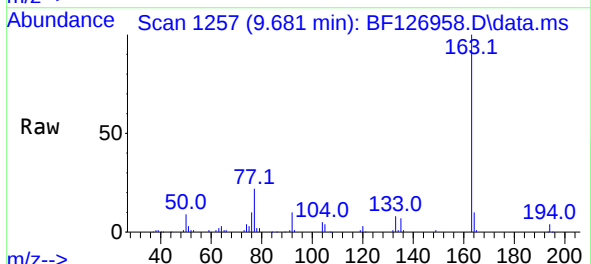
Delta R.T. -0.012 min

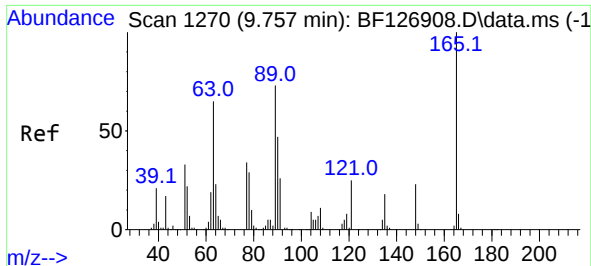
Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Tgt Ion:163 Resp: 60748

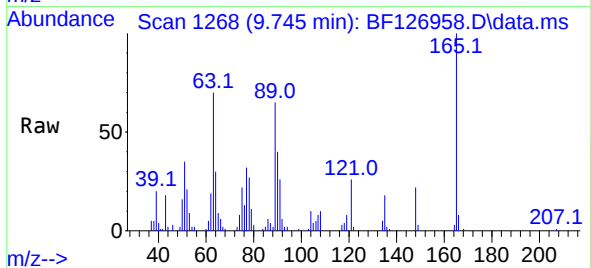
Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.6	3.8
164	10.2	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 4.053 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

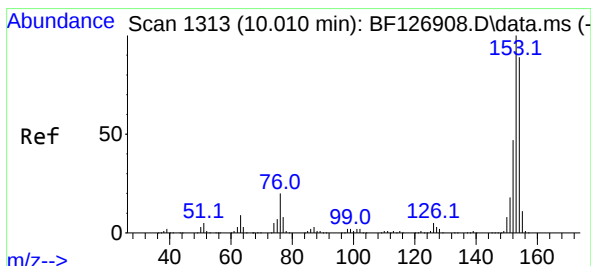
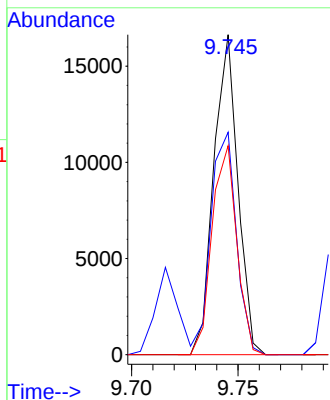
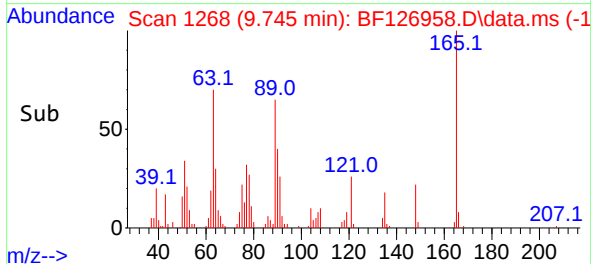
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



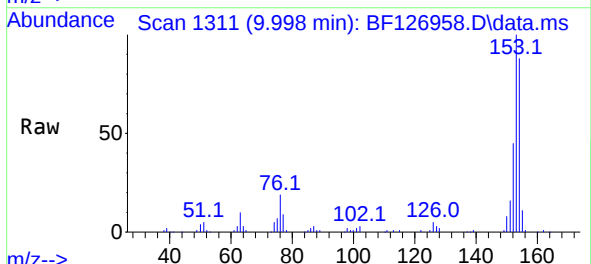
Tgt Ion:165 Resp: 13060
Ion Ratio Lower Upper
165 100
63 69.5 48.4 72.6
89 65.3 50.5 75.7

Manual Integrations
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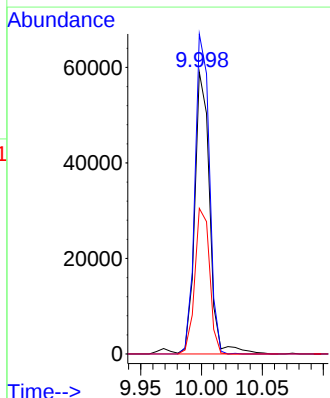
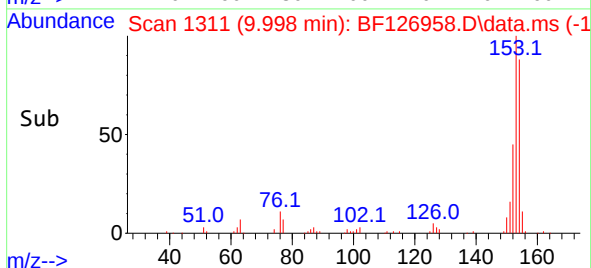
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

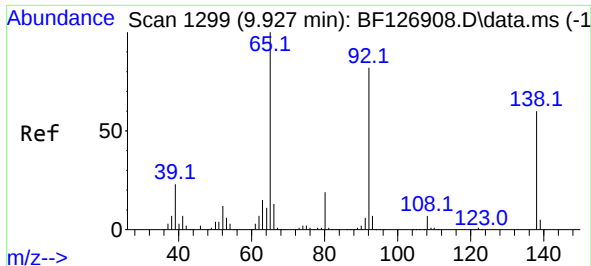


#52
Acenaphthene
Concen: 3.646 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



Tgt Ion:154 Resp: 50138
Ion Ratio Lower Upper
154 100
153 113.6 87.8 131.6
152 51.7 39.4 59.2





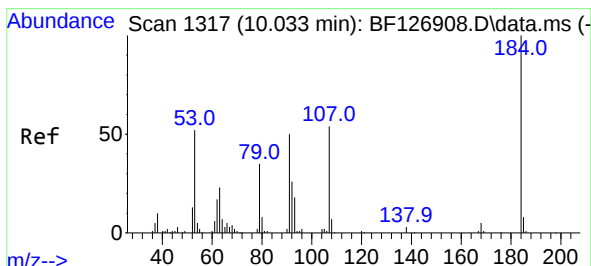
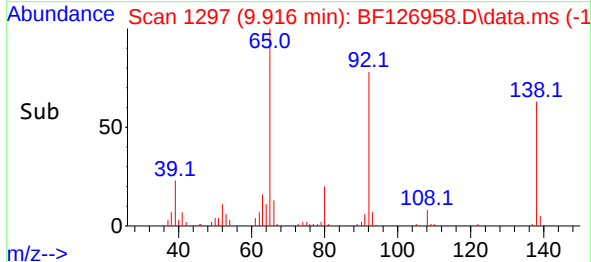
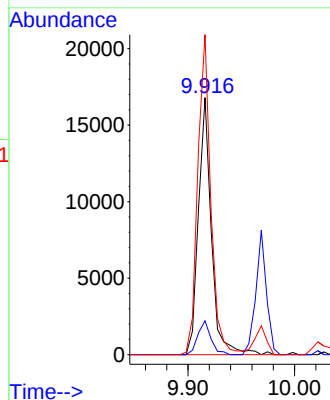
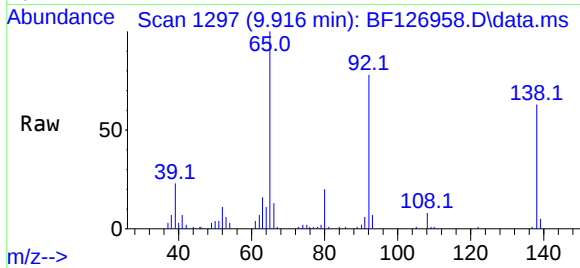
#53
3-Nitroaniline
Concen: 3.634 ng
RT: 9.916 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:138 Resp: 1431
Ion Ratio Lower Upper
138 100
108 13.2 8.6 13.0
92 124.5 105.0 157.6

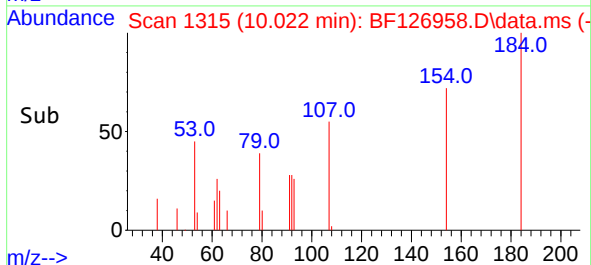
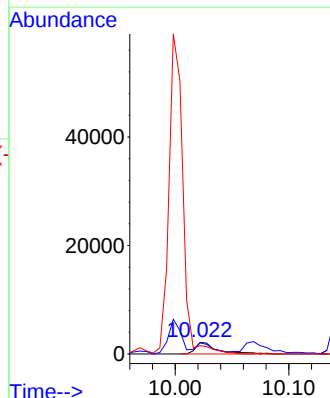
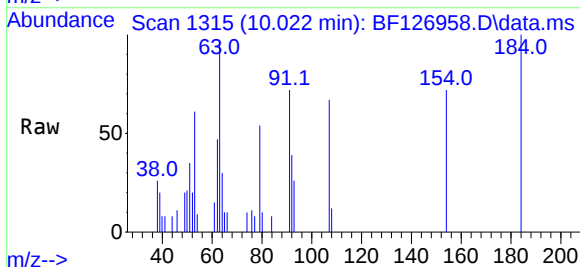
Manual Integrations
APPROVED

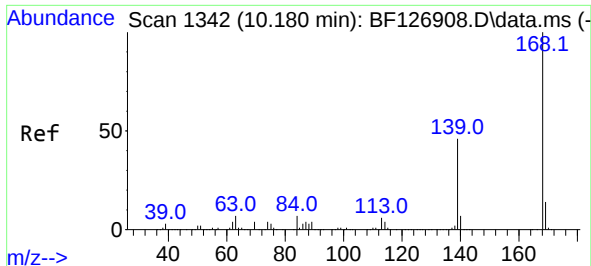
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#54
2,4-Dinitrophenol
Concen: 1.621 ng
RT: 10.022 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

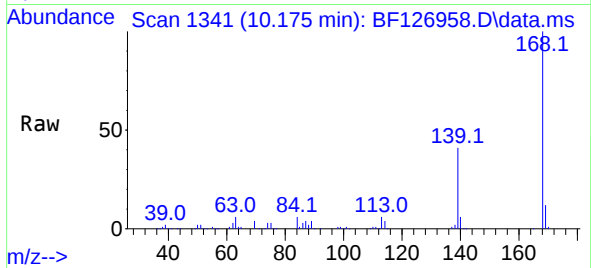
Tgt Ion:184 Resp: 2765
Ion Ratio Lower Upper
184 100
63 96.4 70.4 105.6
154 72.4 49.7 74.5





#55
Dibenzenofuran
Concen: 3.994 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

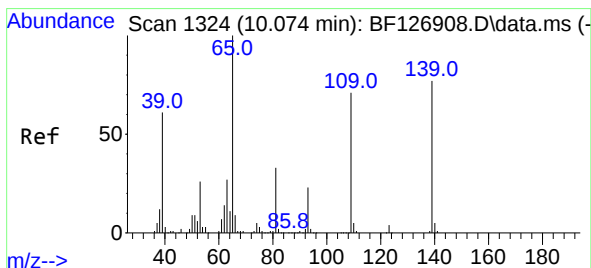
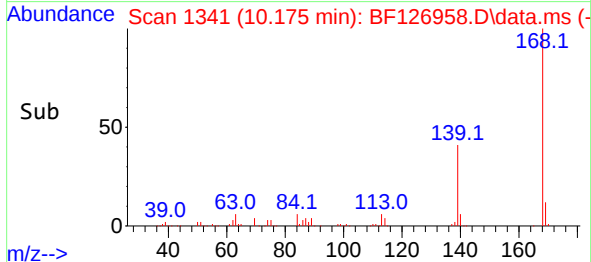
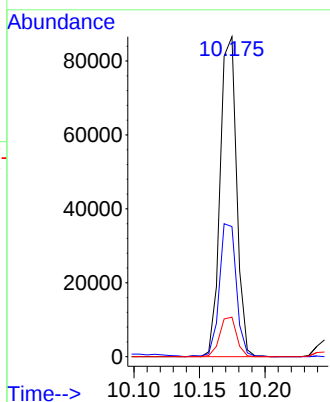
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:168 Resp: 75510
Ion Ratio Lower Upper
168 100
139 40.7 30.6 46.0
169 12.3 10.0 15.0

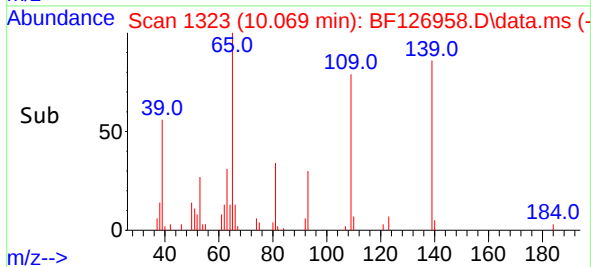
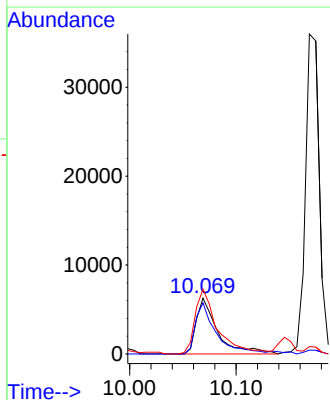
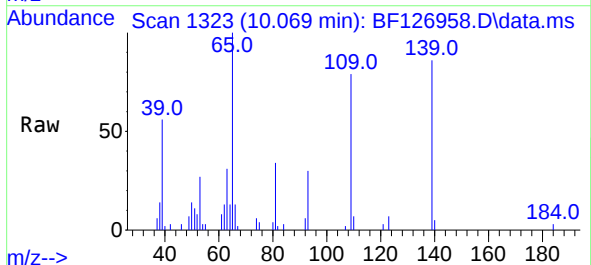
Manual Integrations
APPROVED

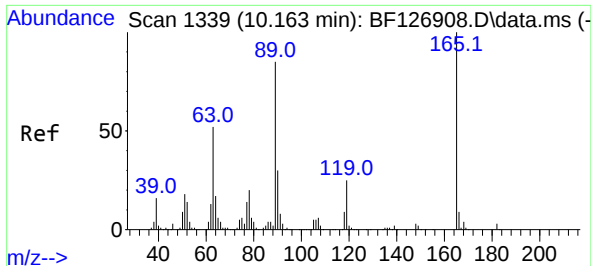
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#56
4-Nitrophenol
Concen: 3.015 ng
RT: 10.069 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

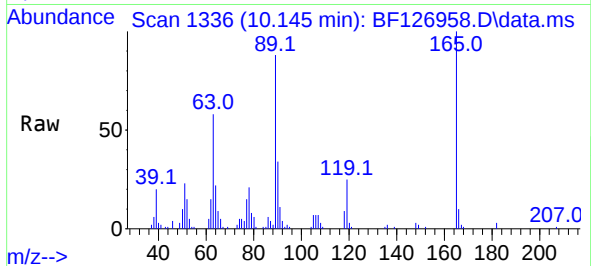
Tgt Ion:139 Resp: 8771
Ion Ratio Lower Upper
139 100
109 91.8 44.1 84.1#
65 116.3 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 3.848 ng
RT: 10.145 min Scan# 1336
Delta R.T. -0.017 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

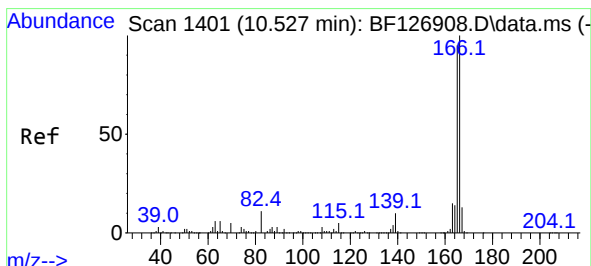
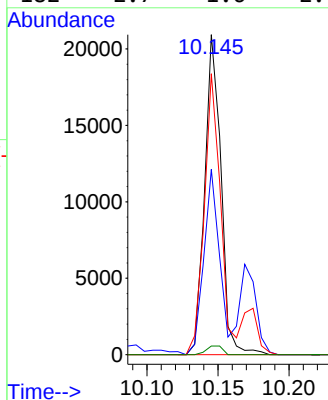
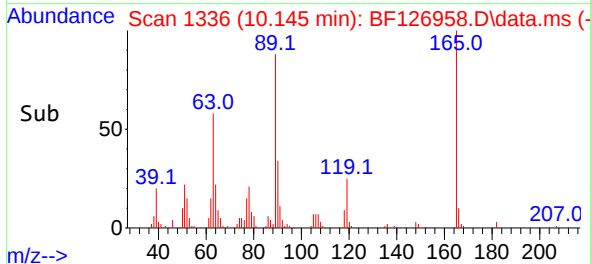
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



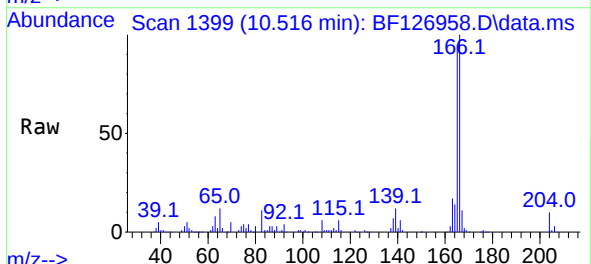
Tgt Ion:165 Resp: 1676
Ion Ratio Lower Upper
165 100
63 57.9 43.0 64.6
89 87.8 71.0 106.4
182 2.7 1.6 2.4#

Manual Integrations
APPROVED

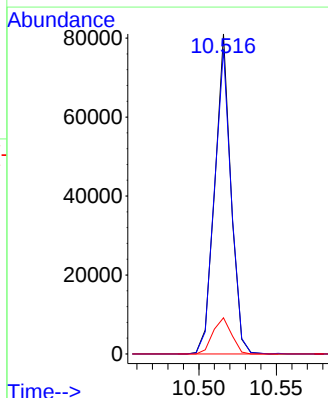
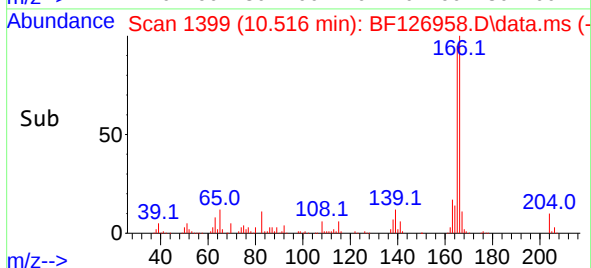
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

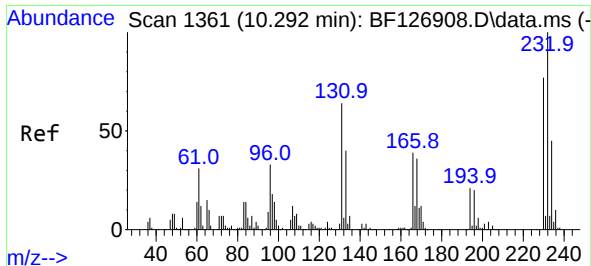


#58
Fluorene
Concen: 3.977 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



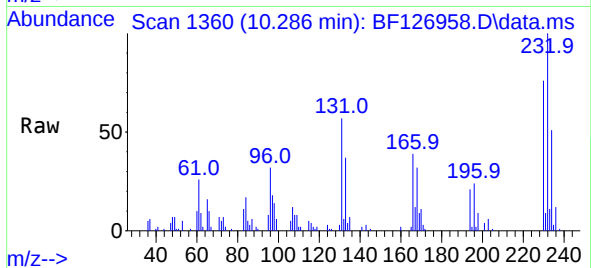
Tgt Ion:166 Resp: 58579
Ion Ratio Lower Upper
166 100
165 95.3 77.7 116.5
167 11.3 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.467 ng
RT: 10.286 min Scan# 1360
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

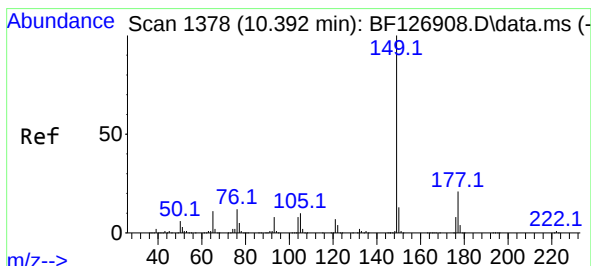
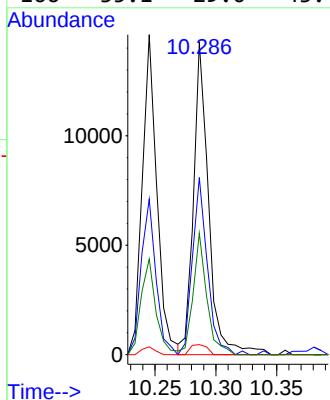
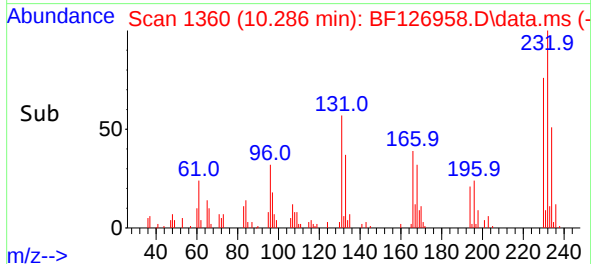
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



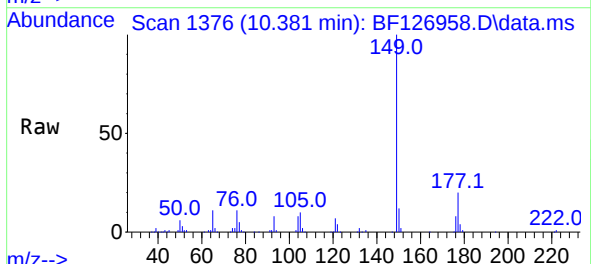
Tgt Ion:232 Resp: 1237
Ion Ratio Lower Upper
232 100
131 56.2 50.0 75.0
130 3.5 2.2 3.2
166 35.1 29.0 43.4

Manual Integrations
APPROVED

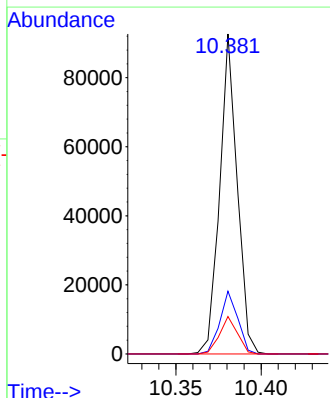
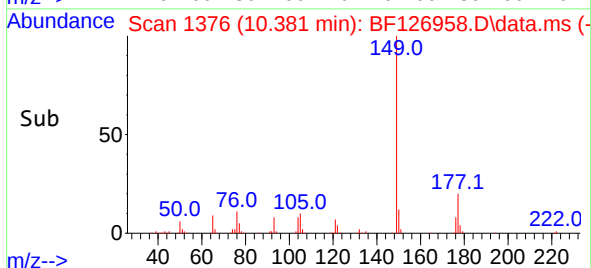
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

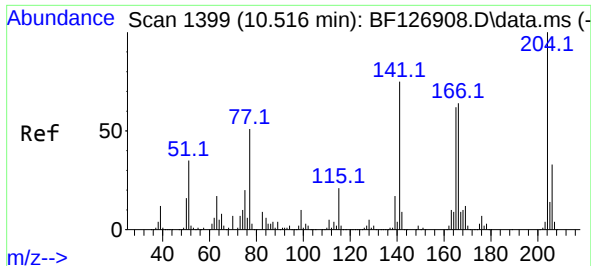


#60
Diethylphthalate
Concen: 4.005 ng
RT: 10.381 min Scan# 1376
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



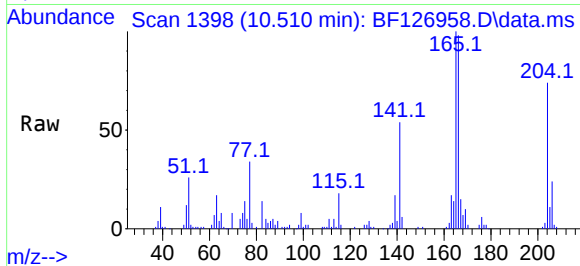
Tgt Ion:149 Resp: 66275
Ion Ratio Lower Upper
149 100
177 19.6 16.7 25.1
150 11.7 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 3.921 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

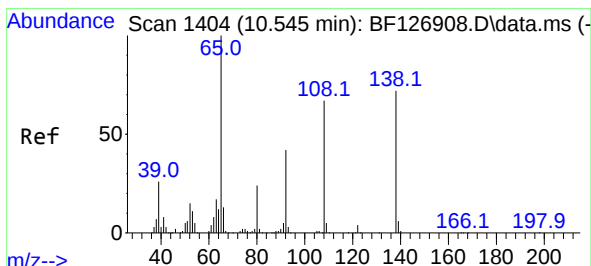
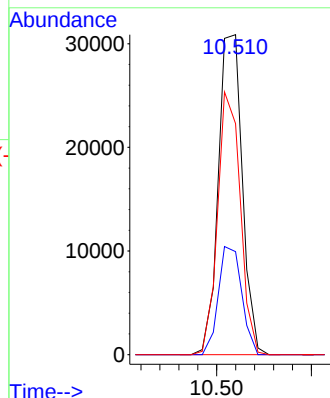
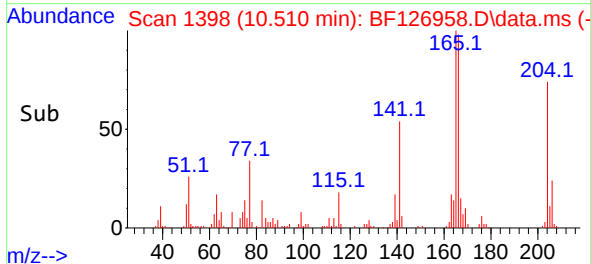
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



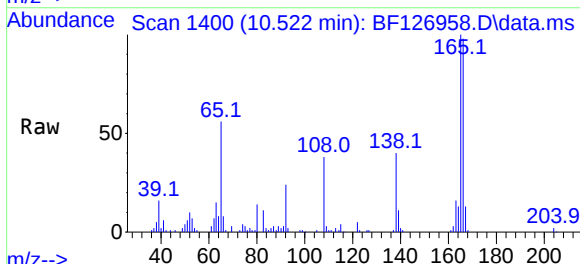
Tgt Ion:204 Resp: 2723
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 72.2 59.0 88.6

Manual Integrations
APPROVED

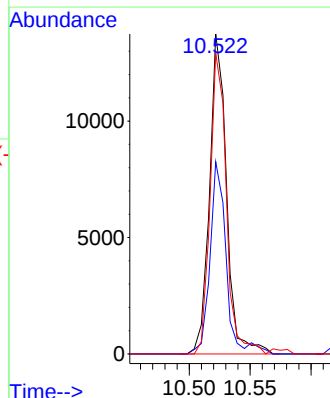
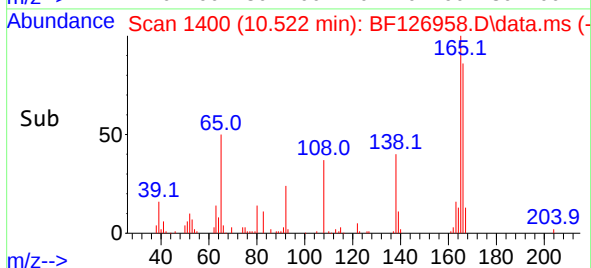
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

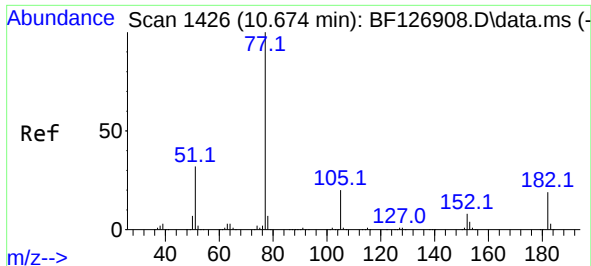


#62
4-Nitroaniline
Concen: 3.432 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.023 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



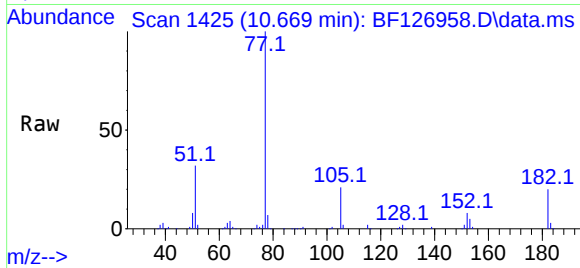
Tgt Ion:138 Resp: 13350
Ion Ratio Lower Upper
138 100
92 60.0 36.2 76.2
108 94.0 46.7 86.7#





#63
Azobenzene
Concen: 3.690 ng
RT: 10.669 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

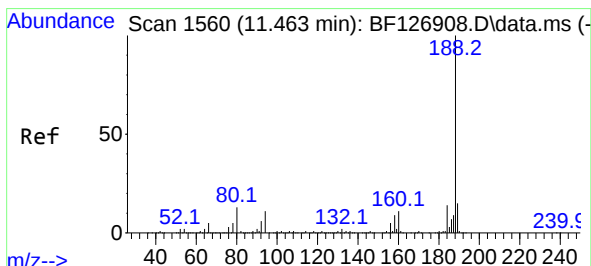
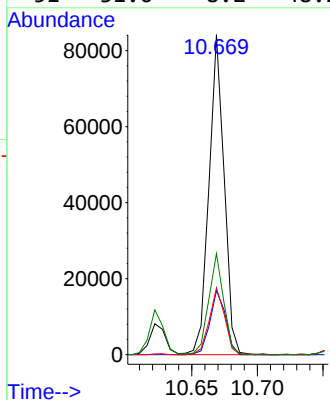
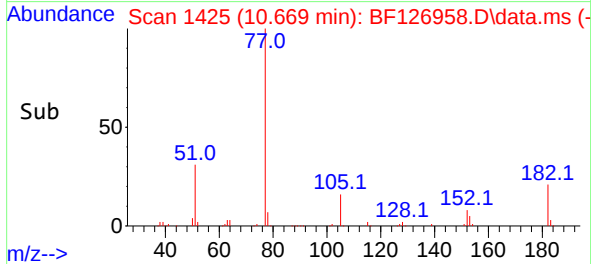
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021



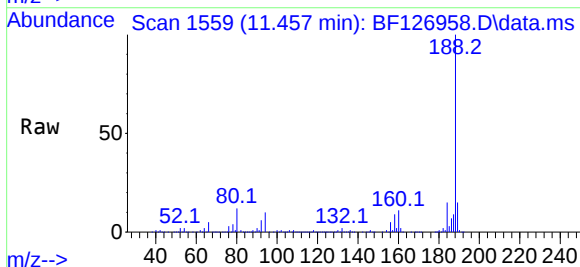
Tgt Ion: 77 Resp: 67998
Ion Ratio Lower Upper
77 100
182 20.1 0.0 39.0
105 20.9 3.2 43.2
51 31.6 8.2 48.2

Manual Integrations
APPROVED

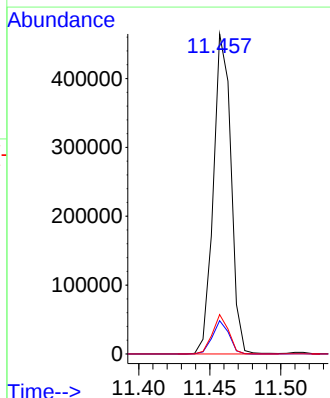
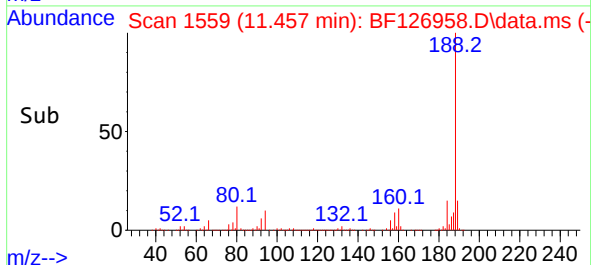
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

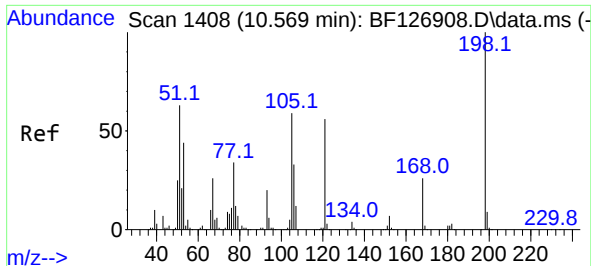


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



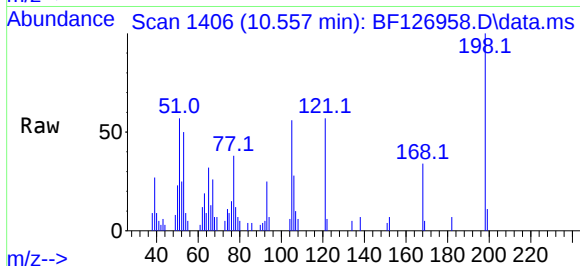
Tgt Ion:188 Resp: 400760
Ion Ratio Lower Upper
188 100
94 10.4 10.1 15.1
80 12.3 11.8 17.6





#65
4,6-Dinitro-2-methylphenol
Concen: 2.263 ng
RT: 10.557 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

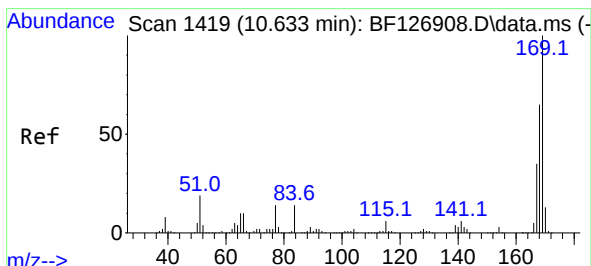
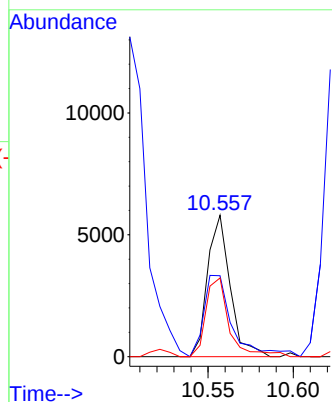
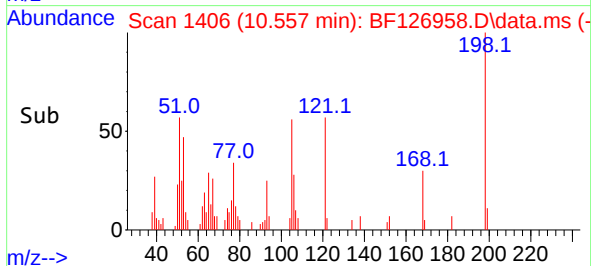
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



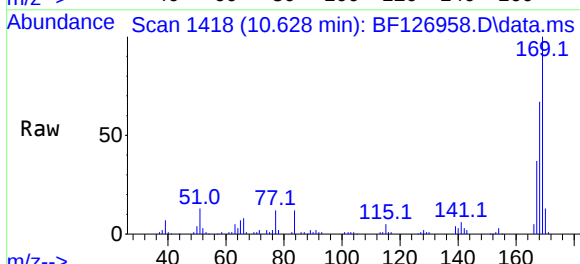
Tgt Ion:198 Resp: 5328
Ion Ratio Lower Upper
198 100
51 57.2 32.0 72.0
105 55.6 32.7 72.7

Manual Integrations
APPROVED

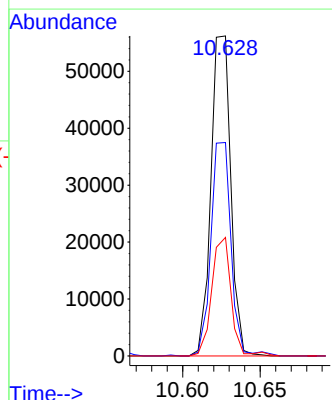
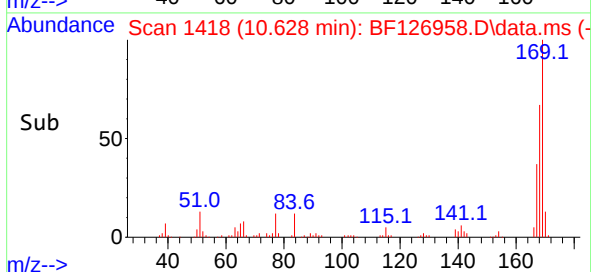
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

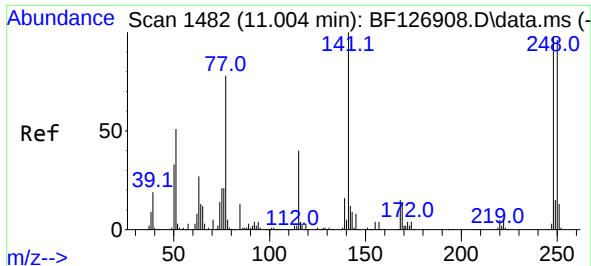


#66
n-Nitrosodiphenylamine
Concen: 3.806 ng
RT: 10.628 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



Tgt Ion:169 Resp: 50019
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 37.0 29.4 44.0





#67

4-Bromophenyl-phenylether

Concen: 3.699 ng

RT: 10.998 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

Instrument :

BNA_F

ClientSampleId :

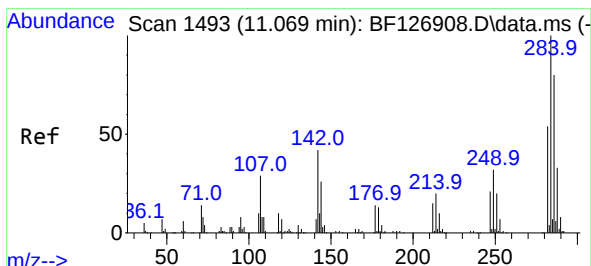
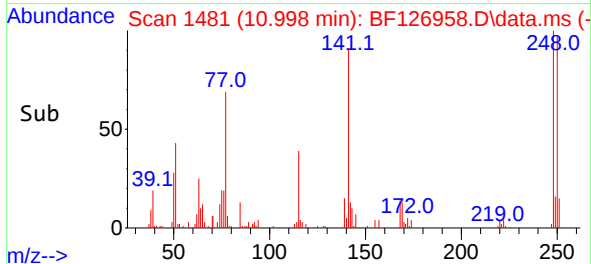
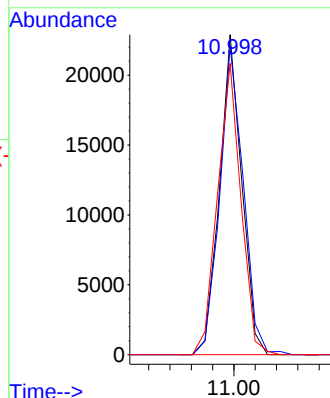
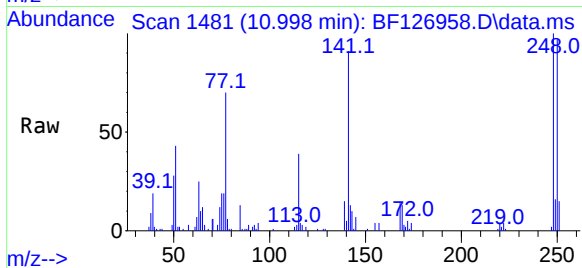
MDL-WATER-03-QT4-2021

Tgt Ion:248 Resp: 1656
 Ion Ratio Lower Upper
 248 100
 250 96.6 76.2 114.4
 141 91.1 66.2 99.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/21/2022
 Supervised By :Jagrut Upadhyay 02/21/2022



#68

Hexachlorobenzene

Concen: 3.840 ng

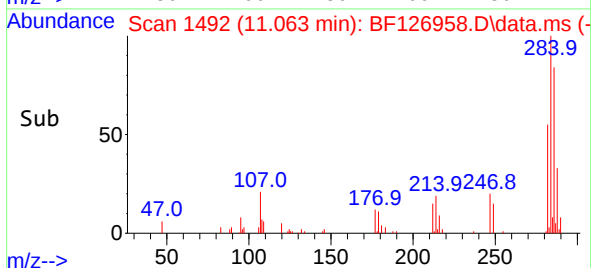
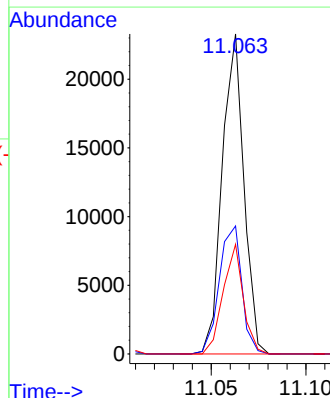
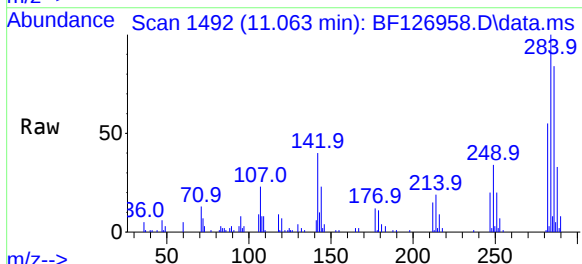
RT: 11.063 min Scan# 1492

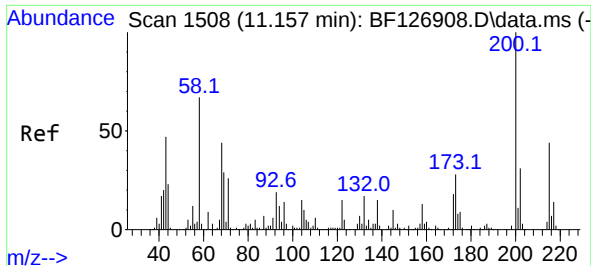
Delta R.T. -0.006 min

Lab File: BF126958.D

Acq: 18 Feb 2022 18:06

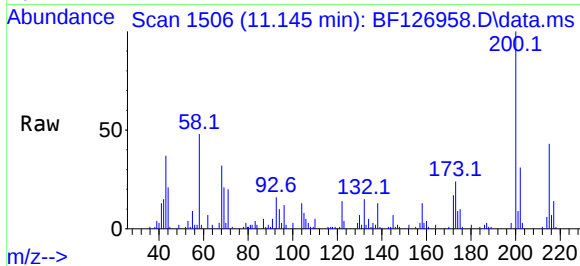
Tgt Ion:284 Resp: 18508
 Ion Ratio Lower Upper
 284 100
 142 40.0 30.7 46.1
 249 34.3 21.1 31.7#





#69
Atrazine
Concen: 4.013 ng
RT: 11.145 min Scan# 1506
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

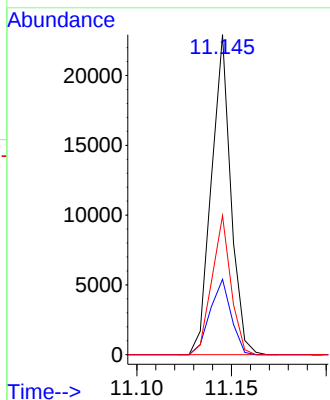
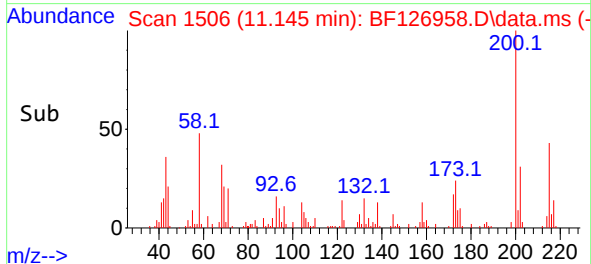
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



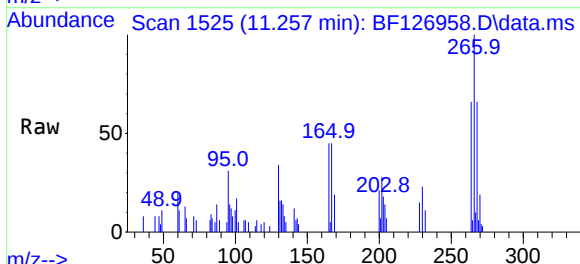
Tgt Ion:200 Resp: 16354
Ion Ratio Lower Upper
200 100
173 23.5 9.2 49.2
215 43.4 23.2 63.2

Manual Integrations
APPROVED

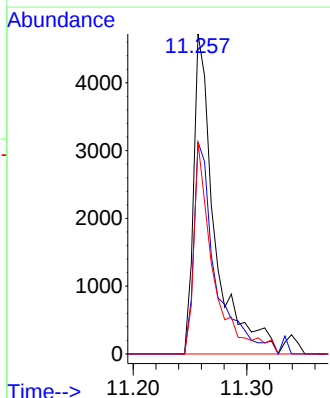
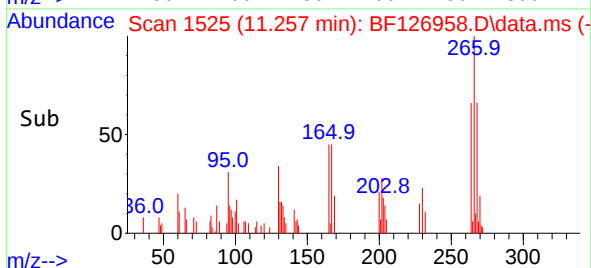
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

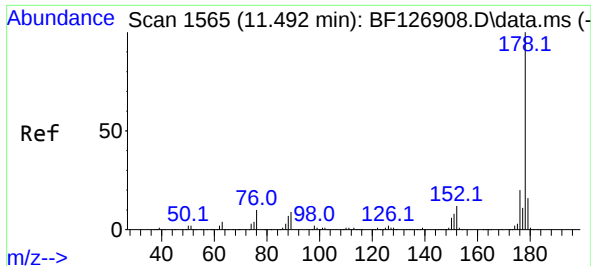


#70
Pentachlorophenol
Concen: 2.327 ng
RT: 11.257 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



Tgt Ion:266 Resp: 6122
Ion Ratio Lower Upper
266 100
268 66.3 52.3 78.5
264 66.2 50.4 75.6





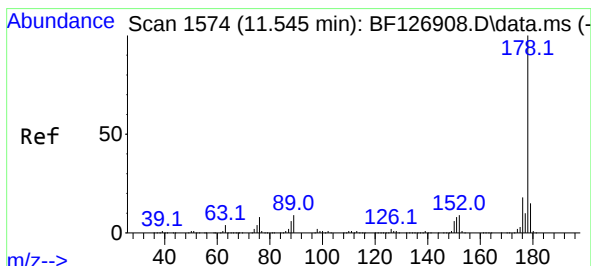
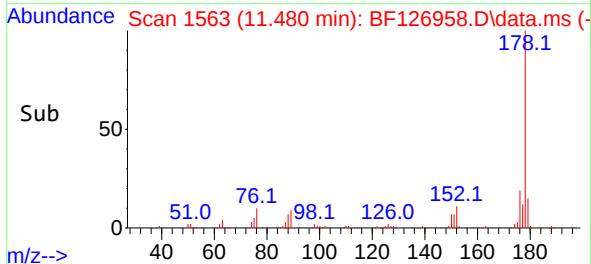
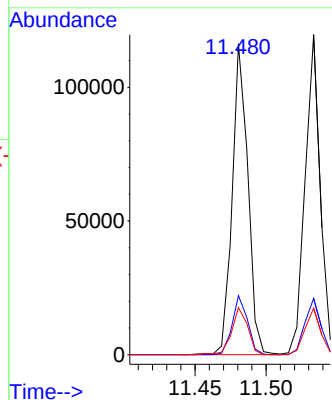
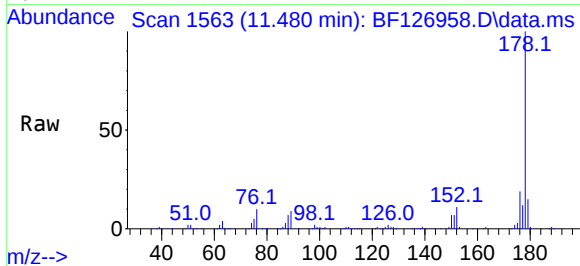
#71
Phenanthrene
Concen: 3.979 ng
RT: 11.480 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:178 Resp: 8924
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 15.2 12.3 18.5

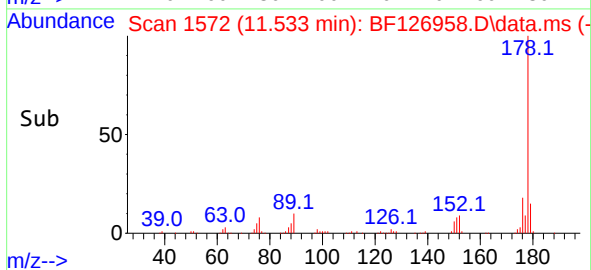
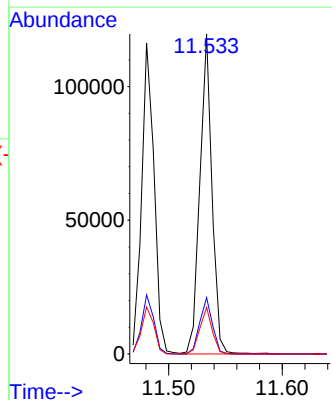
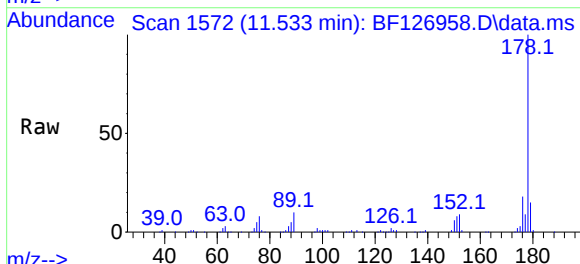
Manual Integrations
APPROVED

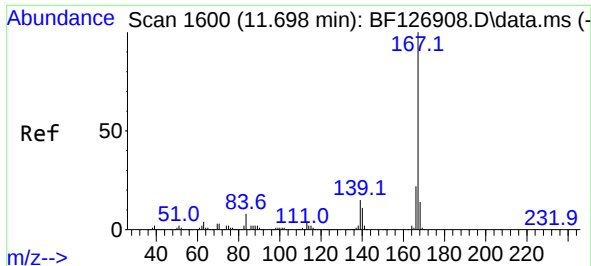
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#72
Anthracene
Concen: 3.990 ng
RT: 11.533 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

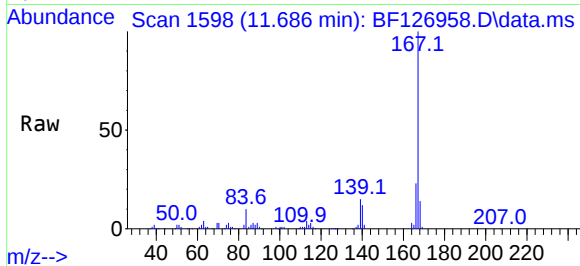
Tgt Ion:178 Resp: 89091
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.6
179 14.6 12.5 18.7





#73
 Carbazole
 Concen: 3.628 ng
 RT: 11.686 min Scan# 1167
 Delta R.T. -0.012 min
 Lab File: BF126958.D
 Acq: 18 Feb 2022 18:06

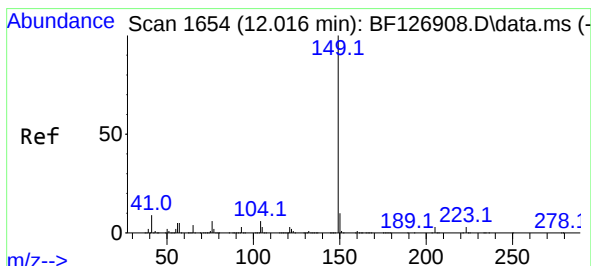
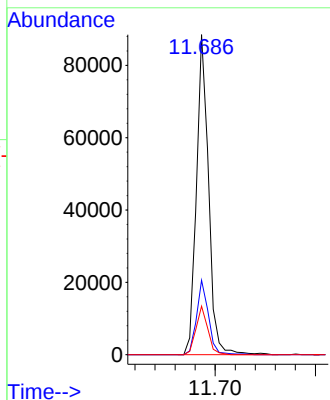
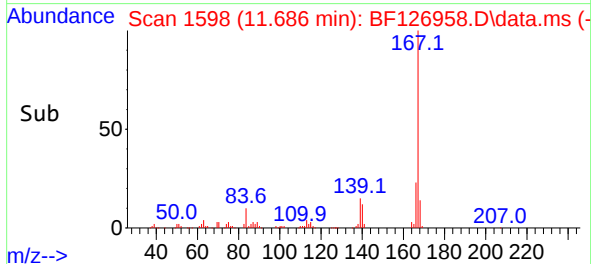
Instrument : BNA_F
 ClientSampleId : MDL-WATER-03-QT4-2021



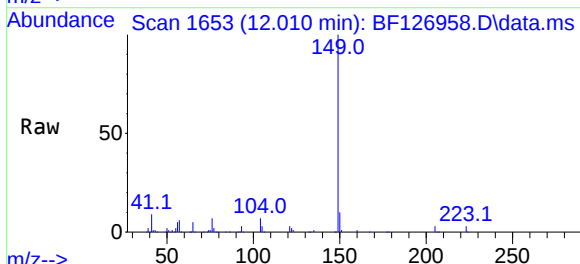
Tgt Ion:167 Resp: 74300
 Ion Ratio Lower Upper
 167 100
 166 23.3 16.9 25.3
 139 15.2 11.3 16.9

Manual Integrations
 APPROVED

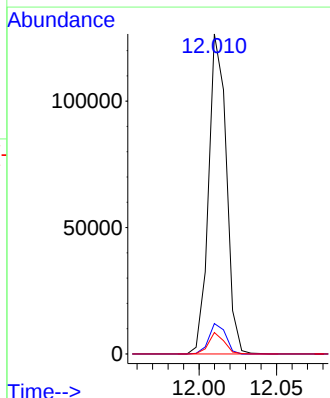
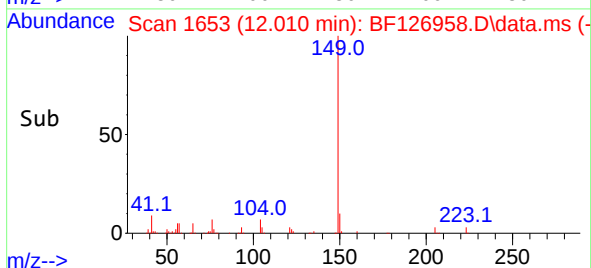
Reviewed By :Christian Giraldo 02/21/2022
 Supervised By :Jagrut Upadhyay 02/21/2022

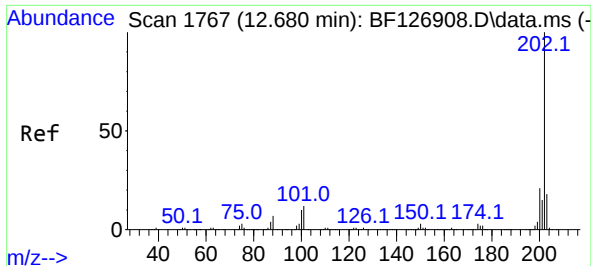


#74
 Di-n-butylphthalate
 Concen: 3.824 ng
 RT: 12.010 min Scan# 1653
 Delta R.T. -0.006 min
 Lab File: BF126958.D
 Acq: 18 Feb 2022 18:06



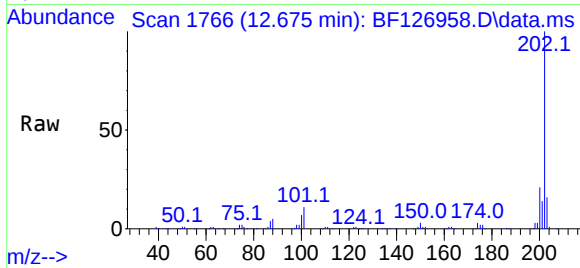
Tgt Ion:149 Resp: 100682
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 6.7 4.2 6.2





#75
Fluoranthene
Concen: 3.974 ng
RT: 12.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

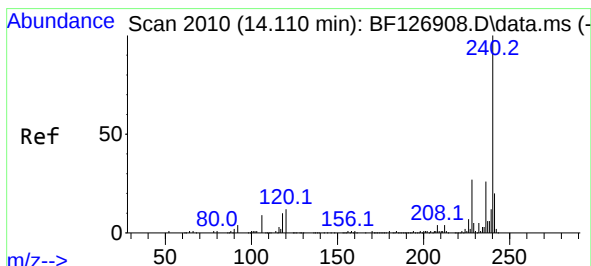
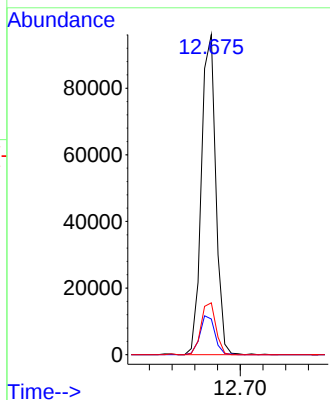
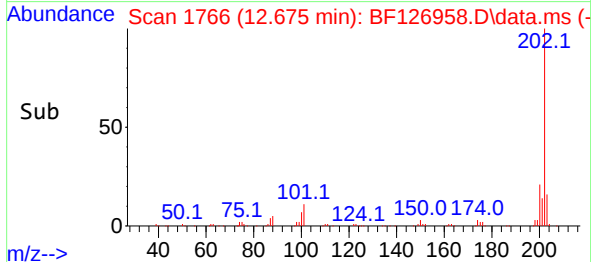
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



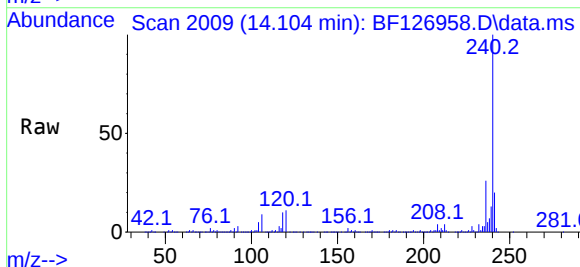
Tgt Ion:202 Resp: 8464
Ion Ratio Lower Upper
202 100
101 11.1 0.0 35.7
203 16.2 0.0 37.1

Manual Integrations
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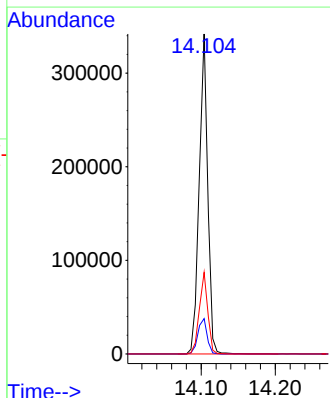
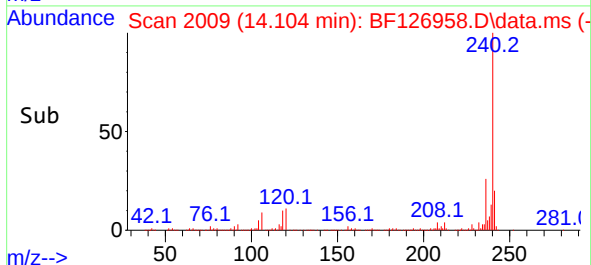
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



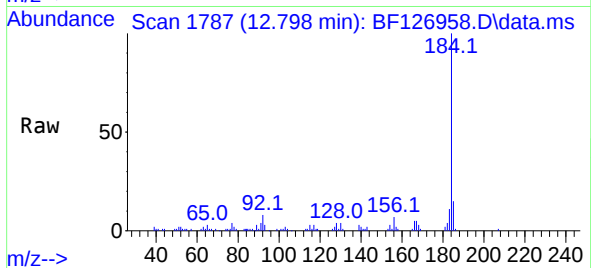
Tgt Ion:240 Resp: 272530
Ion Ratio Lower Upper
240 100
120 11.1 14.4 21.6#
236 25.5 20.5 30.7





#77
Benzidine
Concen: 4.652 ng
RT: 12.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

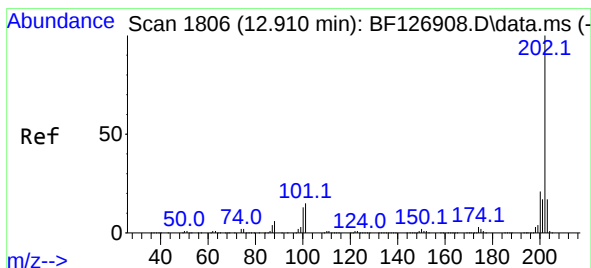
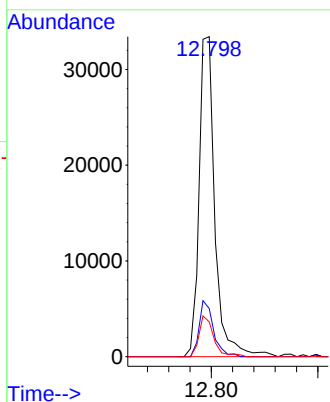
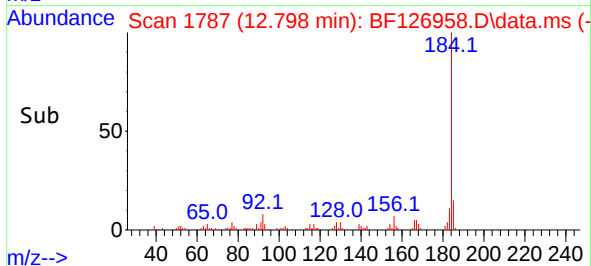
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



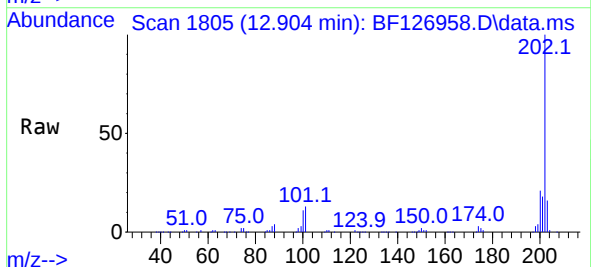
Tgt Ion:184 Resp: 3445
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.8
183 10.8 8.2 12.2

Manual Integrations
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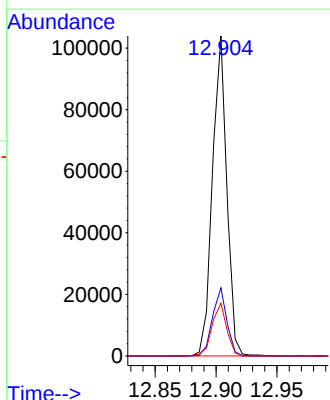
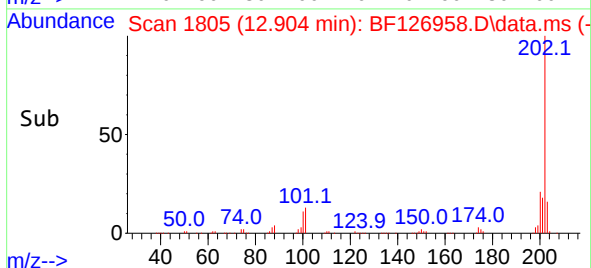
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#78
Pyrene
Concen: 3.589 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



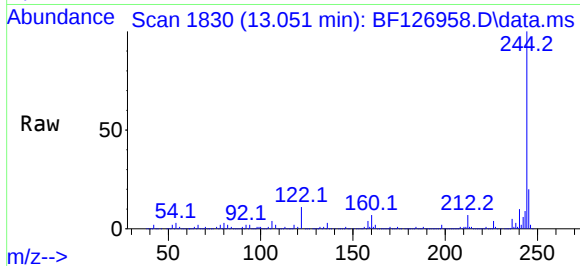
Tgt Ion:202 Resp: 84979
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 16.5 13.8 20.8





#79
Terphenyl-d14
Concen: 78.395 ng
RT: 13.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

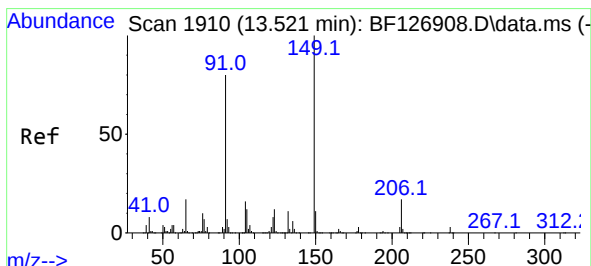
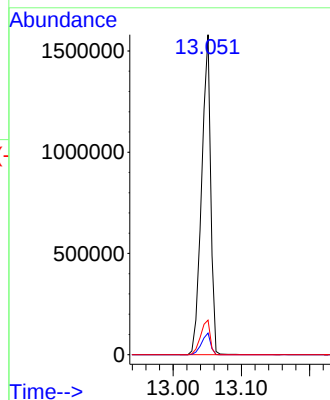
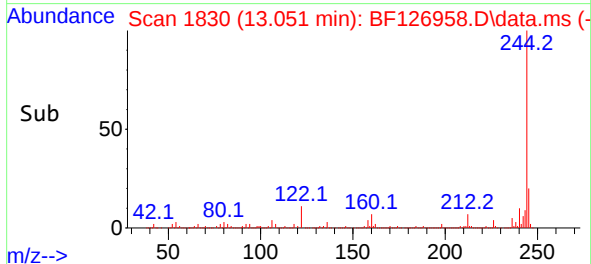
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



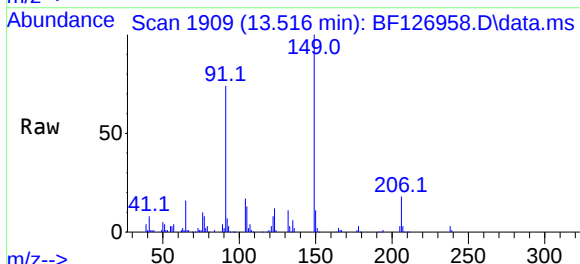
Tgt Ion:244 Resp: 145336
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 10.8 13.3 19.9

Manual Integrations
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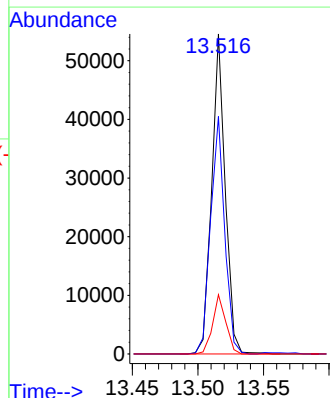
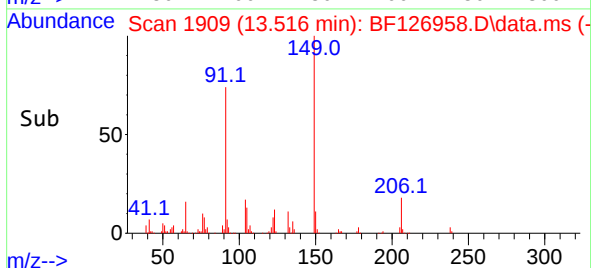
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

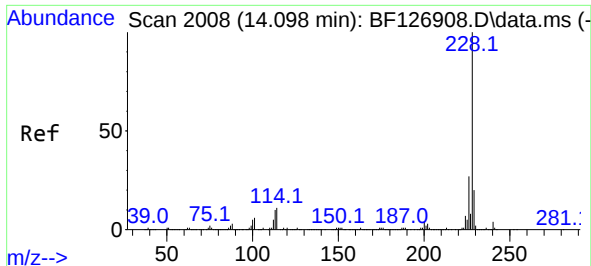


#80
Butylbenzylphthalate
Concen: 3.493 ng
RT: 13.516 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



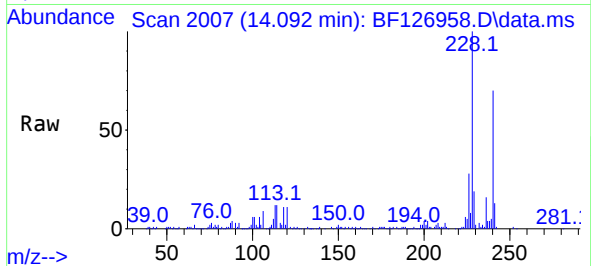
Tgt Ion:149 Resp: 39156
Ion Ratio Lower Upper
149 100
91 74.2 70.5 105.7
206 18.5 12.6 19.0





#81
Benzo(a)anthracene
Concen: 3.802 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

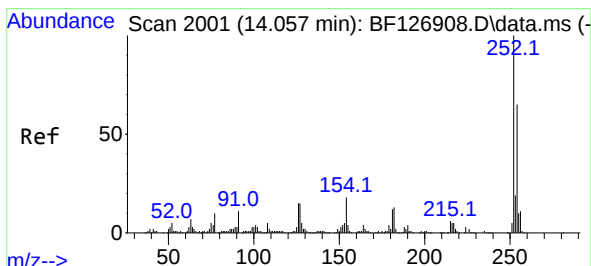
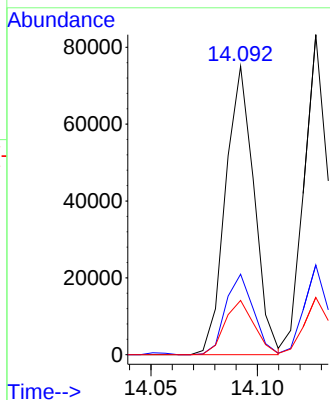
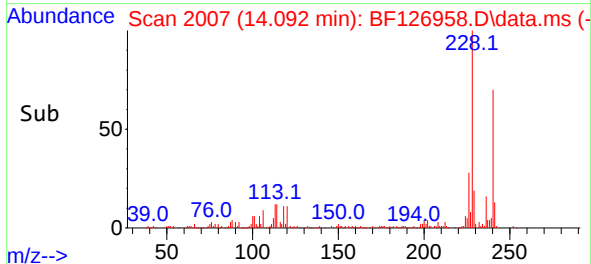
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021



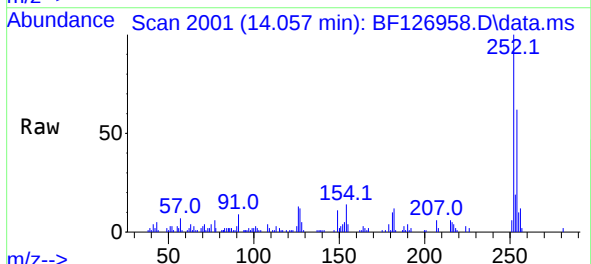
Tgt Ion:228 Resp: 6986
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.0
229 18.8 15.4 23.2

Manual Integrations
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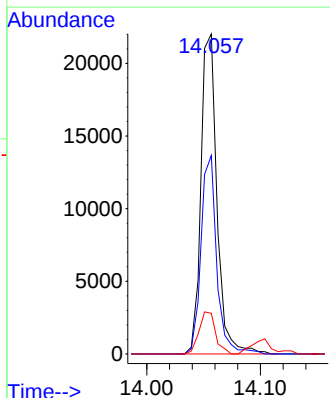
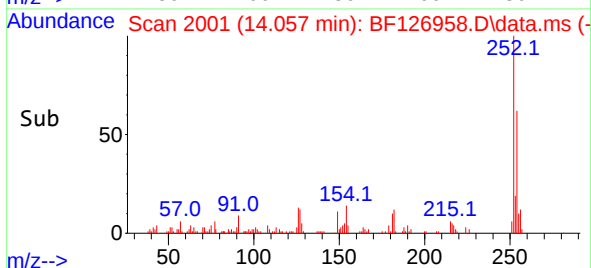
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

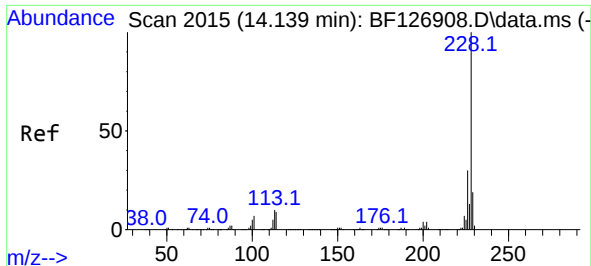


#82
3,3'-Dichlorobenzidine
Concen: 3.739 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



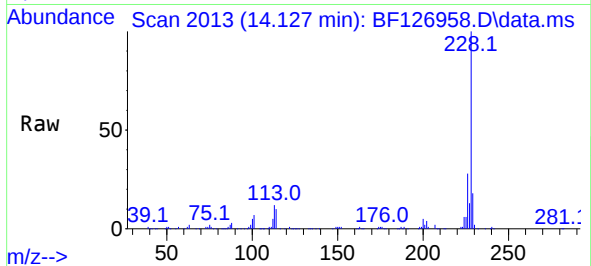
Tgt Ion:252 Resp: 21649
Ion Ratio Lower Upper
252 100
254 62.0 51.0 76.4
126 12.7 13.4 20.0#





#83
Chrysene
Concen: 3.827 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

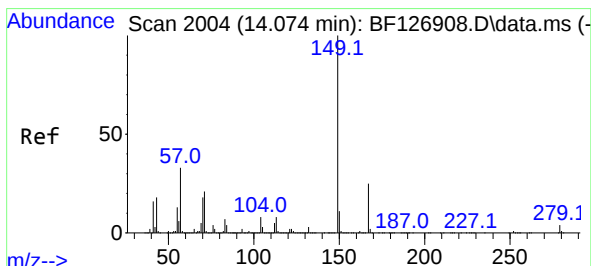
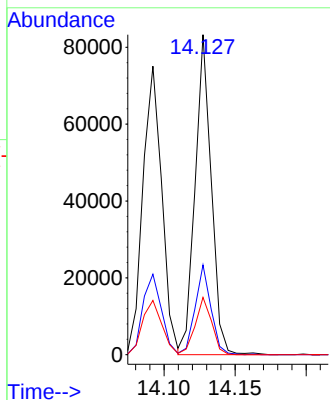
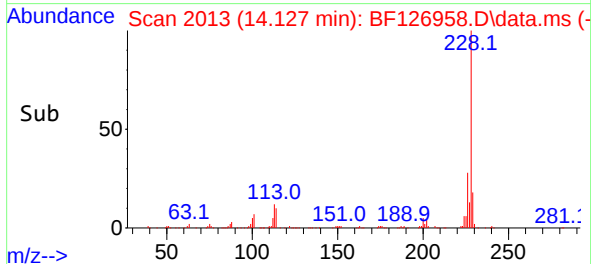
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



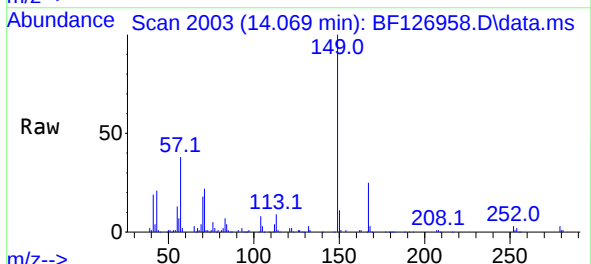
Tgt Ion:228 Resp: 66114
Ion Ratio Lower Upper
228 100
226 28.1 23.7 35.5
229 17.9 15.5 23.3

Manual Integrations
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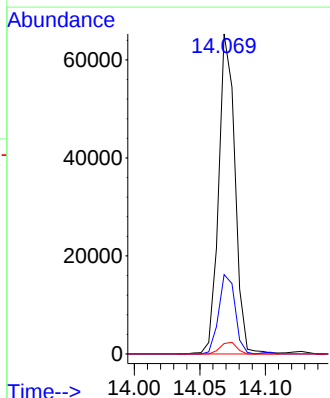
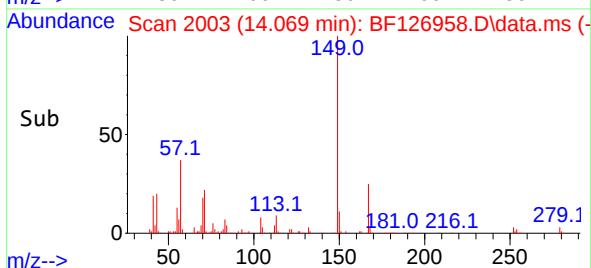
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

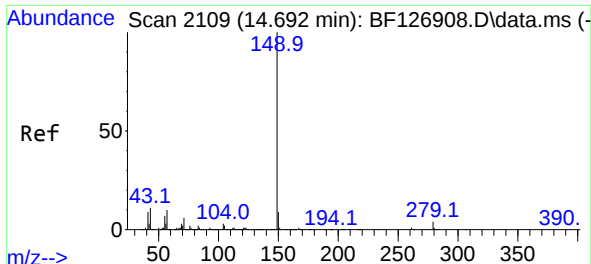


#84
Bis(2-ethylhexyl)phthalate
Concen: 3.835 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



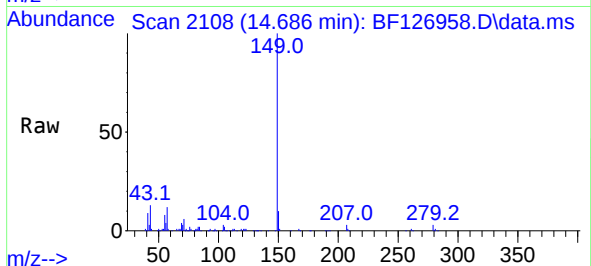
Tgt Ion:149 Resp: 56440
Ion Ratio Lower Upper
149 100
167 24.8 21.4 32.2
279 3.2 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 3.873 ng
RT: 14.686 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

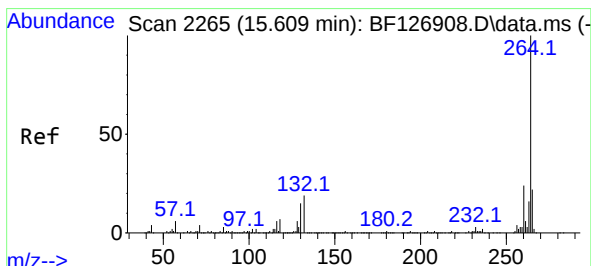
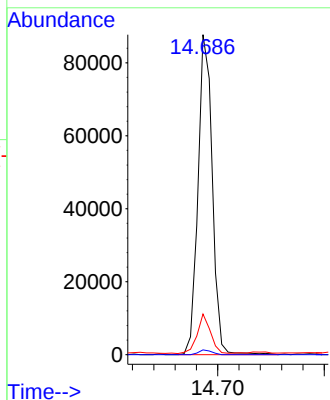
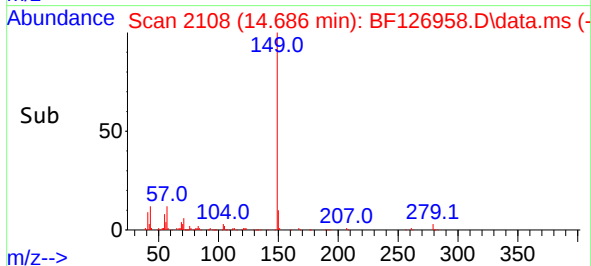
Instrument : BNA_F
ClientSampleId : MDL-WATER-03-QT4-2021



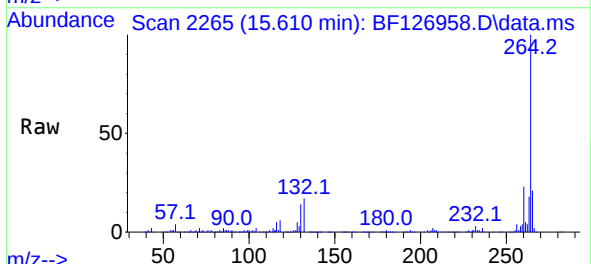
Tgt Ion:149 Resp: 82072
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 11.4 9.9 14.9

Manual Integrations
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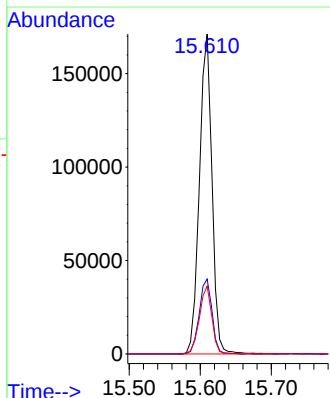
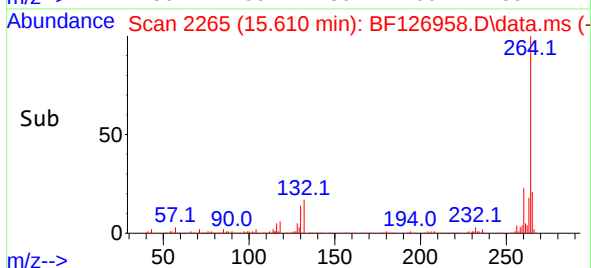
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

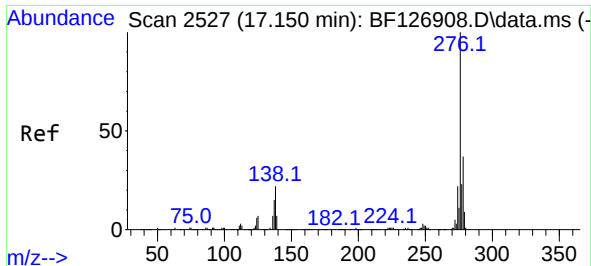


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



Tgt Ion:264 Resp: 211129
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.2 17.4 26.2





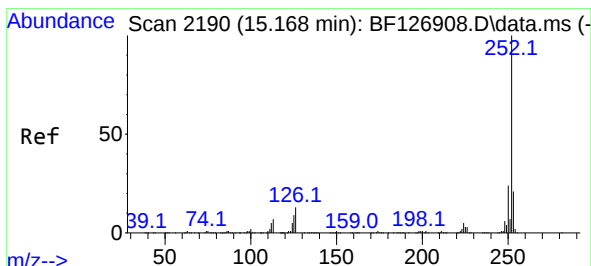
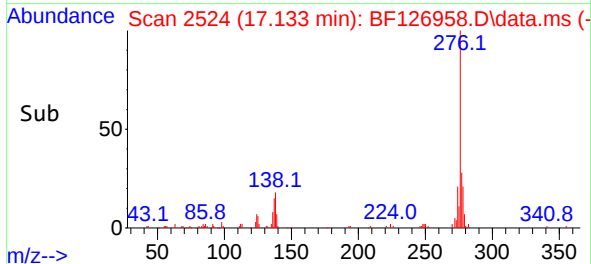
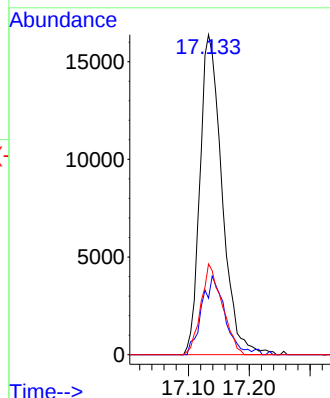
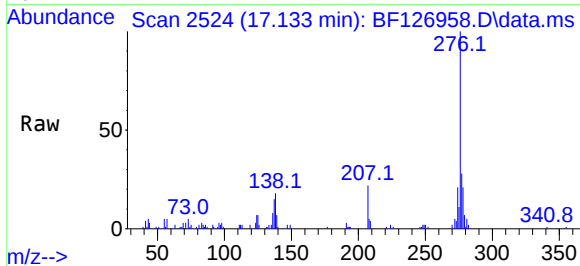
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.976 ng
RT: 17.133 min Scan# 2119
Delta R.T. -0.017 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:276 Resp: 4119
Ion Ratio Lower Upper
276 100
138 26.0 29.2 43.8
277 27.2 19.8 29.8

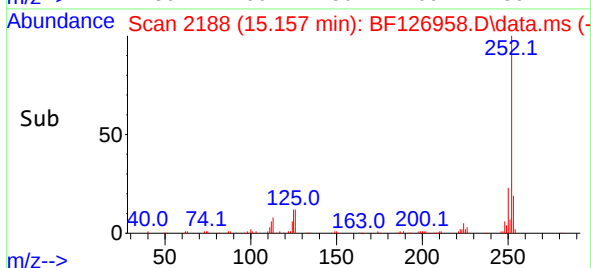
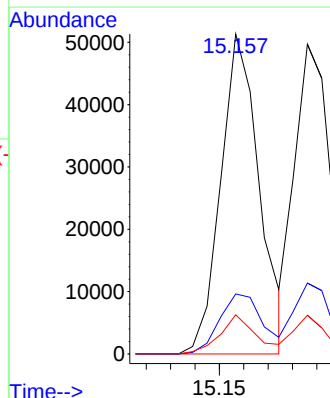
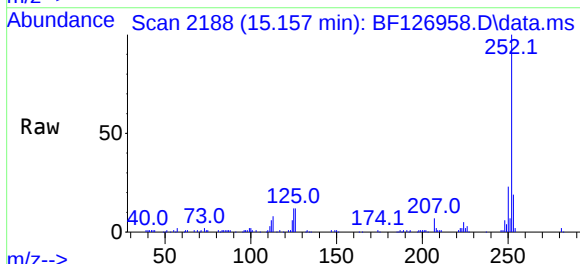
Manual Integrations
APPROVED

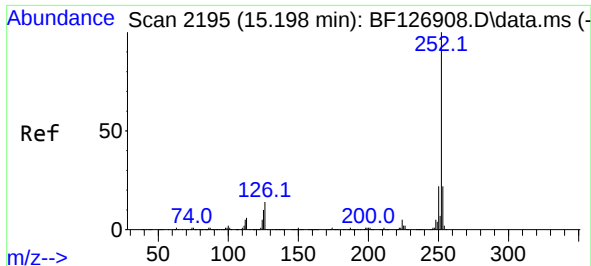
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022



#88
Benzo(b)fluoranthene
Concen: 3.988 ng m
RT: 15.157 min Scan# 2188
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

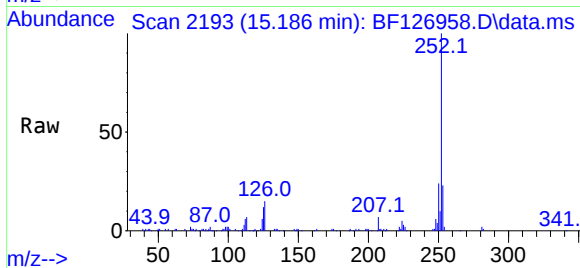
Tgt Ion:252 Resp: 56548
Ion Ratio Lower Upper
252 100
253 18.8 17.8 26.8
125 12.3 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 3.794 ng
RT: 15.186 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

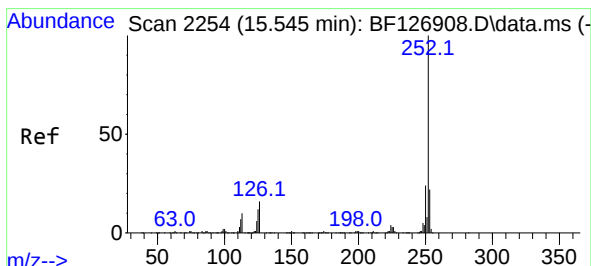
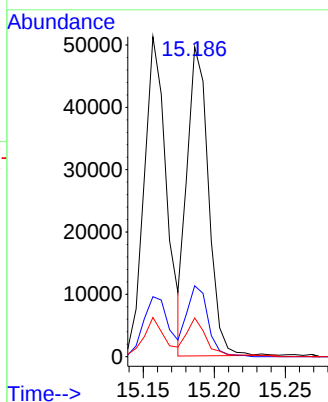
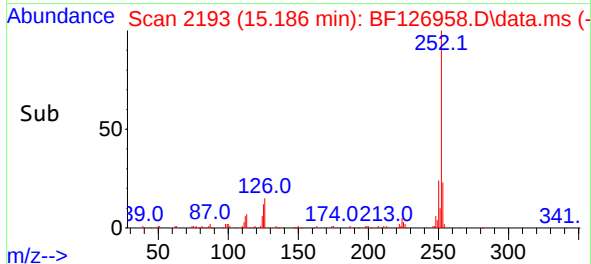
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



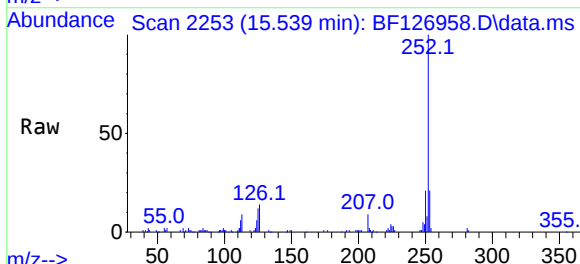
Tgt Ion:252 Resp: 51889
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 12.5 11.8 17.6

Manual Integrations
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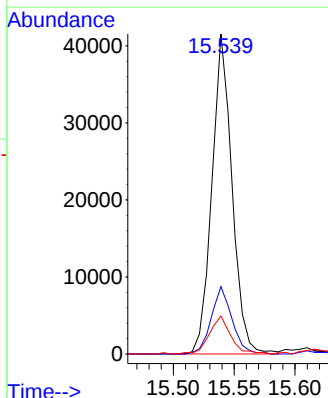
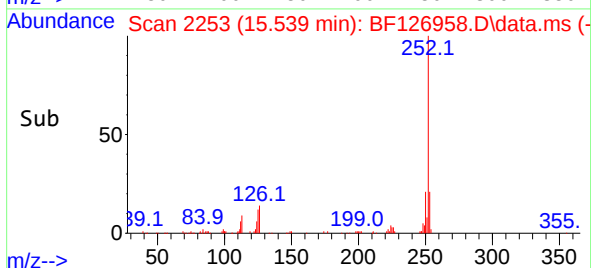
Reviewed By :Christian Giraldo 02/21/2022
Supervised By :Jagrut Upadhyay 02/21/2022

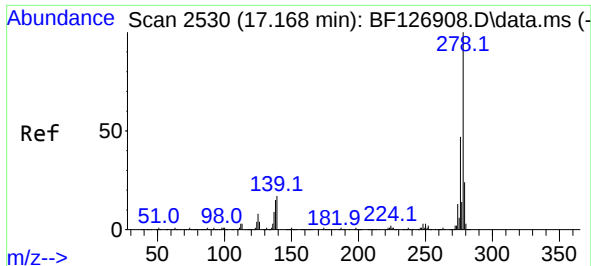


#90
Benzo(a)pyrene
Concen: 4.327 ng
RT: 15.539 min Scan# 2253
Delta R.T. -0.006 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



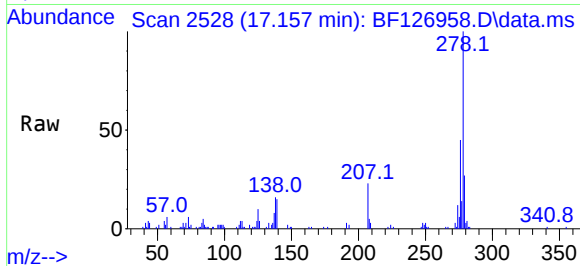
Tgt Ion:252 Resp: 47924
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 11.9 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 3.009 ng
RT: 17.157 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06

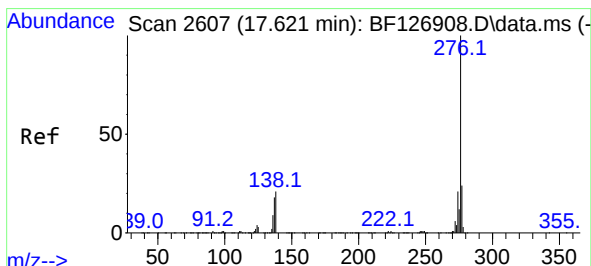
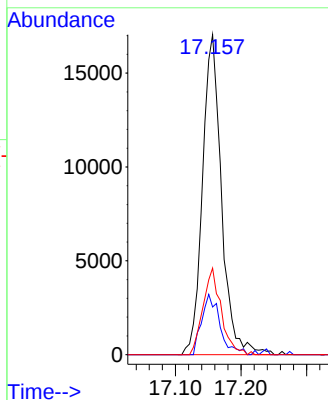
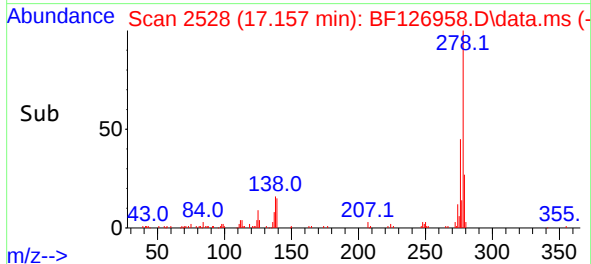
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2021



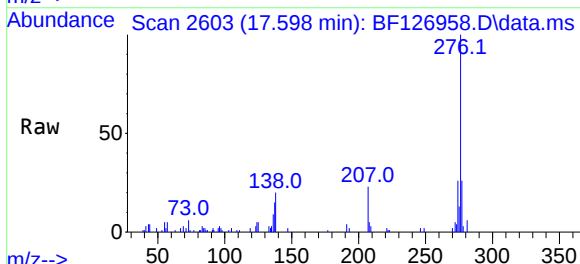
Tgt Ion: 278 Resp: 3445
Ion Ratio Lower Upper
278 100
139 14.9 18.0 27.0
279 27.1 18.6 27.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 02/21/2022
Supervised By : Jagrut Upadhyay 02/21/2022



#92
Benzo(g,h,i)perylene
Concen: 3.132 ng
RT: 17.598 min Scan# 2603
Delta R.T. -0.023 min
Lab File: BF126958.D
Acq: 18 Feb 2022 18:06



Tgt Ion: 276 Resp: 35351
Ion Ratio Lower Upper
276 100
277 26.5 18.5 27.7
138 20.0 25.9 38.9

