

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129598.D
 Acq On : 05 Aug 2022 13:08
 Operator : CG\JU
 Sample : PB146537BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146537BS

Quant Time: Aug 05 16:31:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	206986	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	850892	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	448373	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	754874	20.000	ng	0.00
76) Chrysene-d12	14.027	240	513963	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	374369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1419738	111.735	ng	0.02
7) Phenol-d6	6.504	99	1781721	111.559	ng	0.00
23) Nitrobenzene-d5	7.422	82	1153794	74.021	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	514783	119.418	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2112706	72.891	ng	0.00
79) Terphenyl-d14	12.969	244	2258826	82.914	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	154837	27.008	ng	89
3) Pyridine	3.481	79	407791	25.614	ng	91
4) n-Nitrosodimethylamine	3.416	42	262352	37.527	ng	93
6) Aniline	6.516	93	644646	32.468	ng	# 15
8) 2-Chlorophenol	6.645	128	592128	42.655	ng	95
9) Benzaldehyde	6.404	77	311827	28.750	ng	99
10) Phenol	6.516	94	683788	40.204	ng	# 64
11) bis(2-Chloroethyl)ether	6.587	93	555802	41.207	ng	93
12) 1,3-Dichlorobenzene	6.793	146	586047	39.363	ng	98
13) 1,4-Dichlorobenzene	6.869	146	593967	39.228	ng	99
14) 1,2-Dichlorobenzene	7.022	146	570771	41.011	ng	99
15) Benzyl Alcohol	7.004	79	504223	43.531	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	743510	36.671	ng	62
17) 2-Methylphenol	7.116	107	465711	40.439	ng	# 90
18) Hexachloroethane	7.357	117	227893	39.971	ng	89
19) n-Nitroso-di-n-propyla...	7.269	70	399937	41.364	ng	92
20) 3+4-Methylphenols	7.275	107	572980	39.131	ng	90
22) Acetophenone	7.263	105	795228	40.142	ng	98
24) Nitrobenzene	7.440	77	607025	37.818	ng	97
25) Isophorone	7.681	82	1126253	40.309	ng	98
26) 2-Nitrophenol	7.751	139	321245	40.569	ng	98
27) 2,4-Dimethylphenol	7.798	122	503096	42.356	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	690570	42.606	ng	98
29) 2,4-Dichlorophenol	8.004	162	478953	39.067	ng	96
30) 1,2,4-Trichlorobenzene	8.075	180	481504	37.944	ng	97
31) Naphthalene	8.157	128	1642739	38.000	ng	100
32) Benzoic acid	7.940	122	260226	30.305	ng	98
33) 4-Chloroaniline	8.210	127	558394	31.461	ng	98
34) Hexachlorobutadiene	8.269	225	285890	39.634	ng	99
35) Caprolactam	8.598	113	79858	20.036	ng	# 75
36) 4-Chloro-3-methylphenol	8.704	107	537395	41.329	ng	97
37) 2-Methylnaphthalene	8.851	142	1095891	39.008	ng	100
38) 1-Methylnaphthalene	8.951	142	1031524	38.035	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	473828	40.246	ng	98
41) Hexachlorocyclopentadiene	8.998	237	454137	86.625	ng	99
43) 2,4,6-Trichlorophenol	9.134	196	327262	38.271	ng	95

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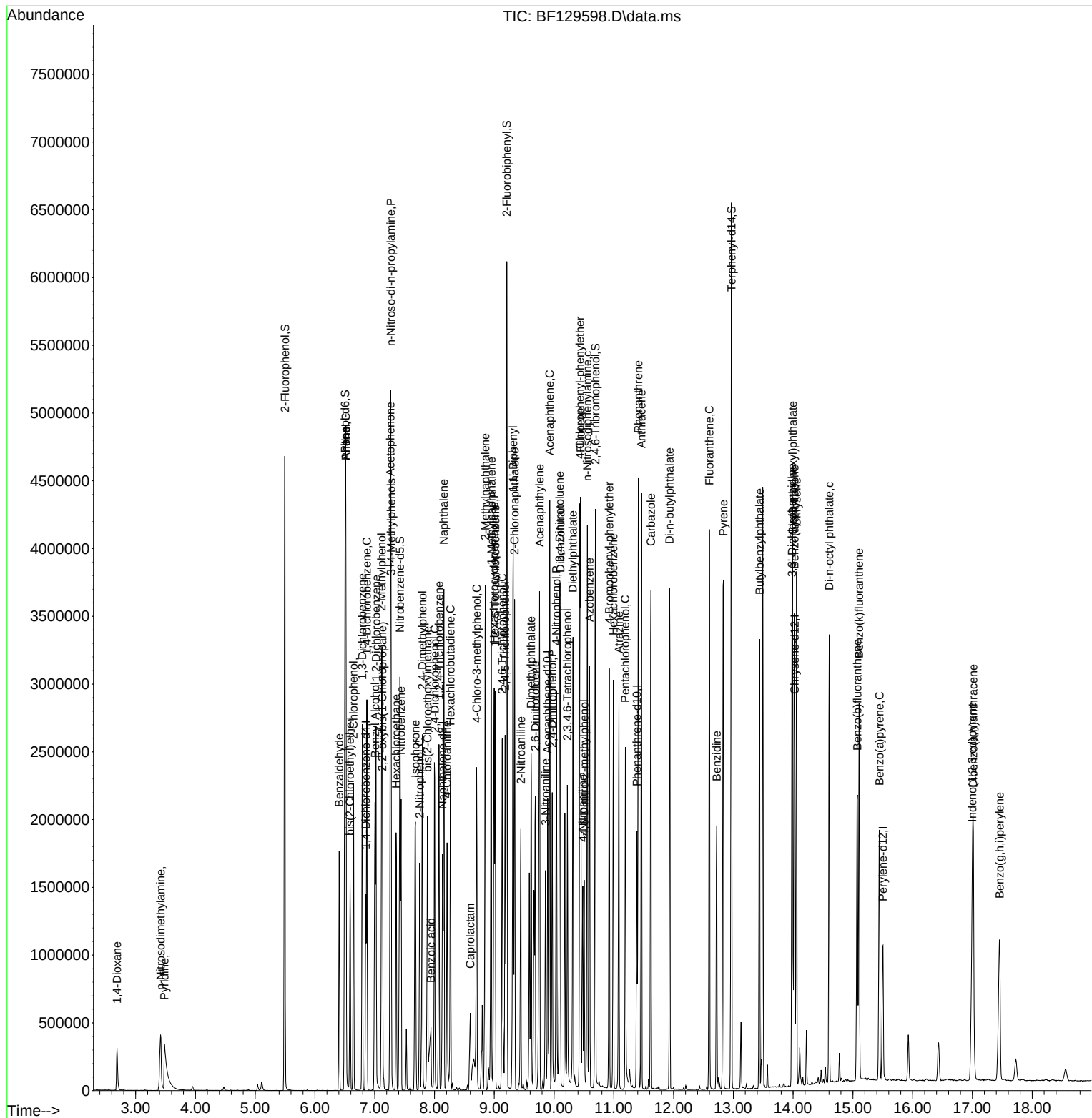
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	352712	37.930	ng	# 95
46) 1,1'-Biphenyl	9.316	154	1314429	40.169	ng	99
47) 2-Chloronaphthalene	9.339	162	1033590	39.073	ng	100
48) 2-Nitroaniline	9.445	65	341439	38.817	ng	87
49) Acenaphthylene	9.757	152	1550148	38.566	ng	100
50) Dimethylphthalate	9.616	163	1243457	40.173	ng	99
51) 2,6-Dinitrotoluene	9.686	165	282234	40.739	ng	95
52) Acenaphthene	9.928	154	939619	35.791	ng	98
53) 3-Nitroaniline	9.857	138	242522	29.646	ng	# 94
54) 2,4-Dinitrophenol	9.969	184	285189	80.639	ng	93
55) Dibenzofuran	10.104	168	1408115	38.909	ng	98
56) 4-Nitrophenol	10.039	139	377336	62.522	ng	91
57) 2,4-Dinitrotoluene	10.092	165	362444	40.048	ng	99
58) Fluorene	10.445	166	1147426	39.626	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	259271	36.079	ng	92
60) Diethylphthalate	10.316	149	1213846	40.568	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	522625	40.939	ng	91
62) 4-Nitroaniline	10.481	138	299820	36.945	ng	96
63) Azobenzene	10.592	77	1160000	38.009	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	189085	39.686	ng	93
66) n-Nitrosodiphenylamine	10.557	169	1002456	39.876	ng	96
67) 4-Bromophenyl-phenylether	10.922	248	341535	41.317	ng	92
68) Hexachlorobenzene	10.992	284	383365	42.803	ng	99
69) Atrazine	11.086	200	333595	43.688	ng	96
70) Pentachlorophenol	11.192	266	307460	63.146	ng	99
71) Phenanthrene	11.410	178	1606759	38.993	ng	99
72) Anthracene	11.463	178	1618910	39.979	ng	100
73) Carbazole	11.622	167	1533613	40.232	ng	99
74) Di-n-butylphthalate	11.933	149	1874587	41.295	ng	99
75) Fluoranthene	12.598	202	1681300	40.269	ng	98
77) Benzidine	12.722	184	704853	38.820	ng	99
78) Pyrene	12.833	202	1670815	38.875	ng	99
80) Butylbenzylphthalate	13.439	149	782388	41.969	ng	94
81) Benzo(a)anthracene	14.021	228	1382734	39.384	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	392852	33.891	ng	97
83) Chrysene	14.057	228	1247437	37.700	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	1066071	43.437	ng	# 98
85) Di-n-octyl phthalate	14.604	149	1555794	44.051	ng	96
87) Indeno(1,2,3-cd)pyrene	16.998	276	1029119	40.821	ng	99
88) Benzo(b)fluoranthene	15.074	252	1134074	45.668	ng	100
89) Benzo(k)fluoranthene	15.104	252	1040343	42.750	ng	99
90) Benzo(a)pyrene	15.445	252	913811	45.331	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	893908	43.565	ng	100
92) Benzo(g,h,i)perylene	17.457	276	898019	42.830	ng	99

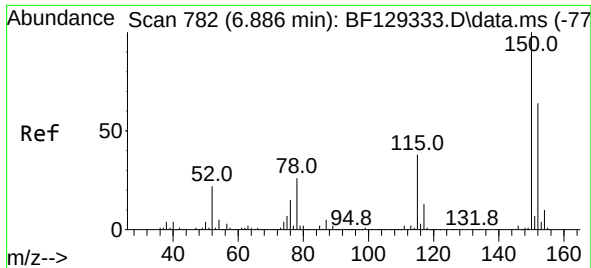
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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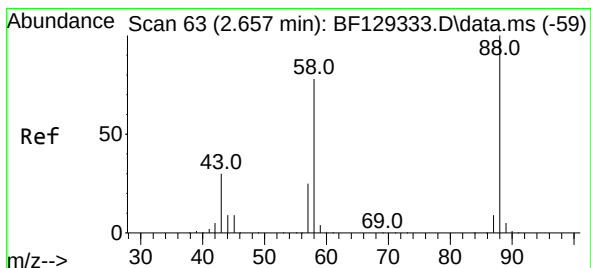
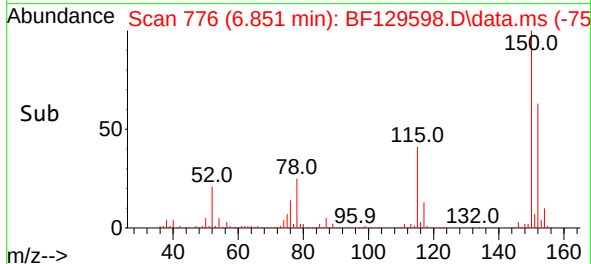
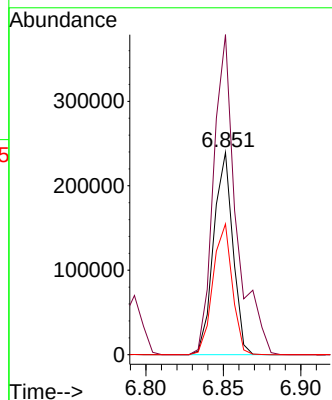
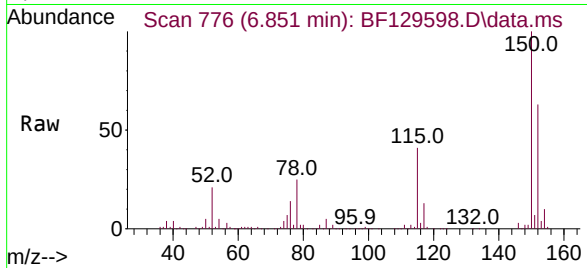




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129598.D
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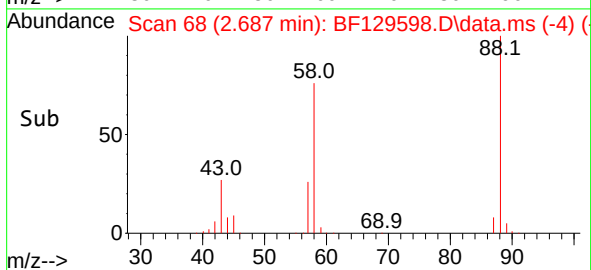
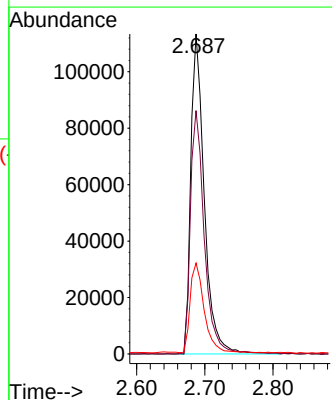
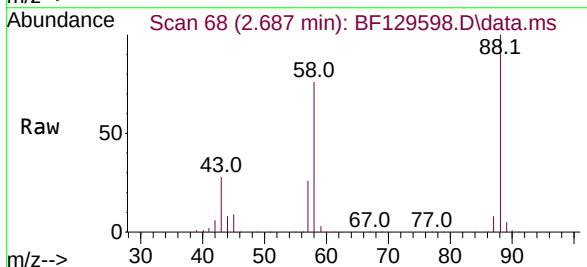
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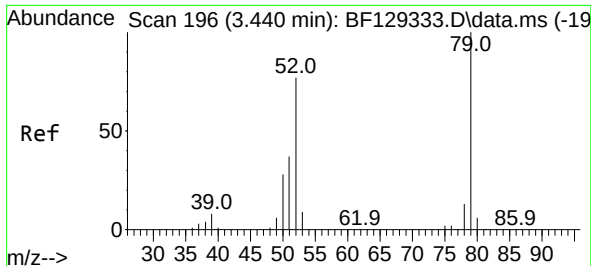
Tgt Ion:152 Resp: 206986
 Ion Ratio Lower Upper
 152 100
 150 158.2 123.7 185.5
 115 64.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 27.008 ng
 RT: 2.687 min Scan# 68
 Delta R.T. 0.077 min
 Lab File: BF129598.D
 Acq: 05 Aug 2022 13:08

Tgt Ion: 88 Resp: 154837
 Ion Ratio Lower Upper
 88 100
 58 78.1 71.8 107.8
 43 29.1 26.6 39.8

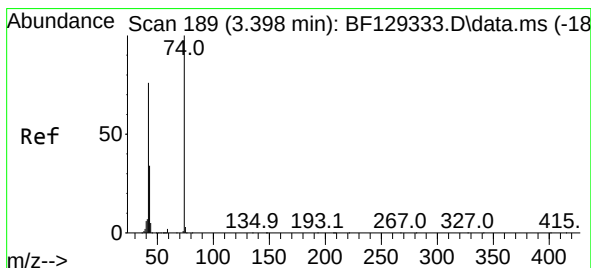
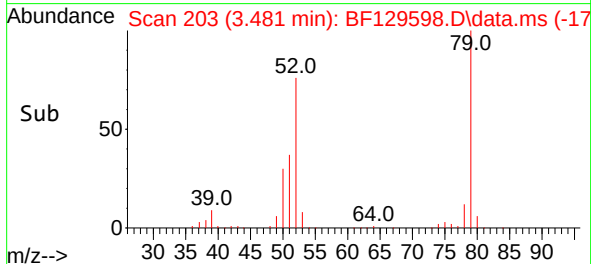
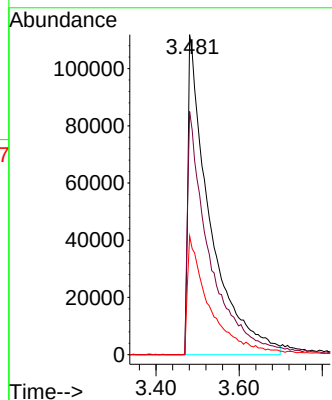
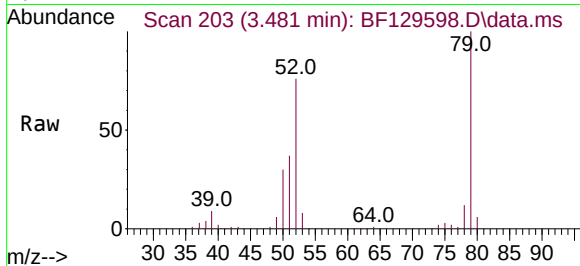




#3
Pyridine
Concen: 25.614 ng
RT: 3.481 min Scan# 203
Delta R.T. 0.088 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

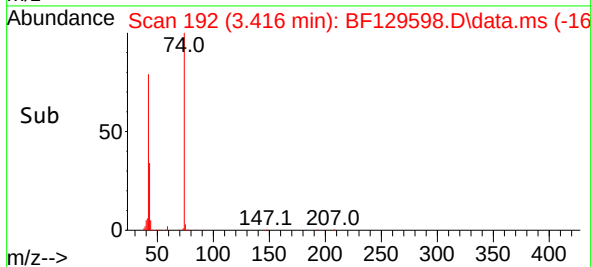
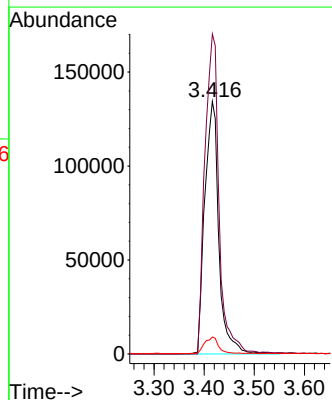
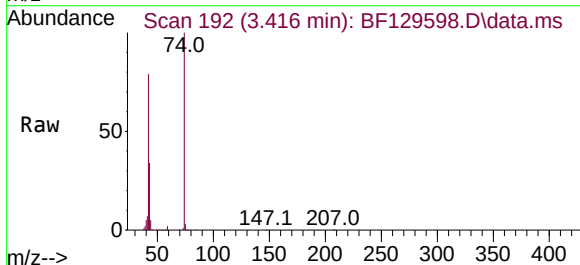
Instrument :
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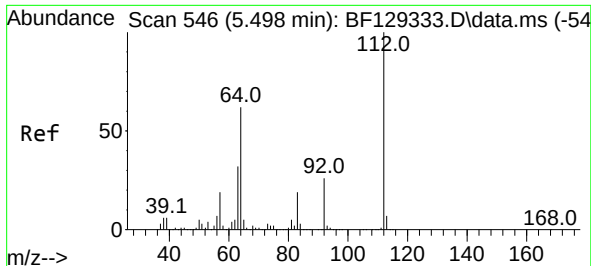
Tgt Ion: 79 Resp: 407791
Ion Ratio Lower Upper
79 100
52 76.0 68.6 102.8
51 37.0 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 37.527 ng
RT: 3.416 min Scan# 192
Delta R.T. 0.065 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion: 42 Resp: 262352
Ion Ratio Lower Upper
42 100
74 126.8 94.8 142.2
44 6.7 6.6 10.0

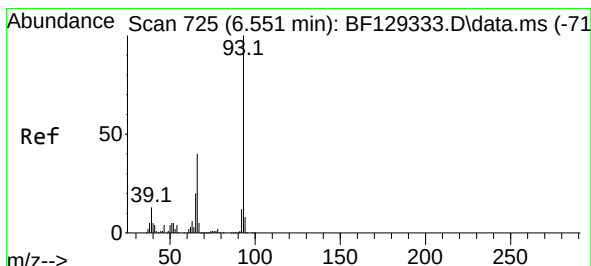
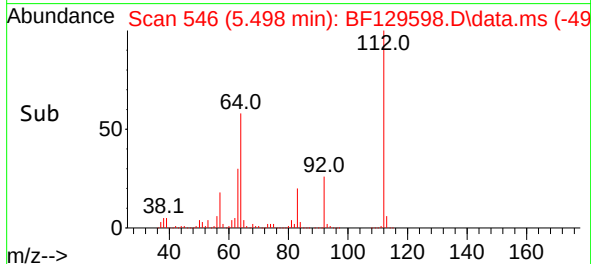
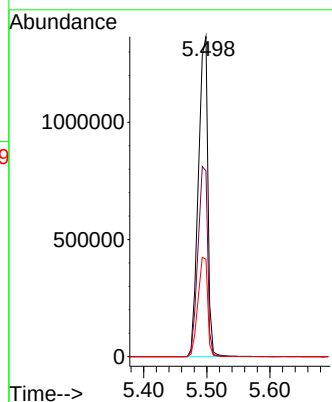
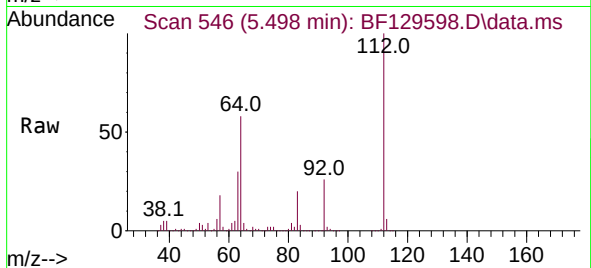




#5
2-Fluorophenol
Concen: 111.735 ng
RT: 5.498 min Scan# 54
Delta R.T. 0.018 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

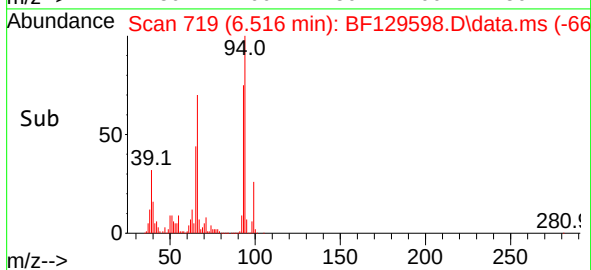
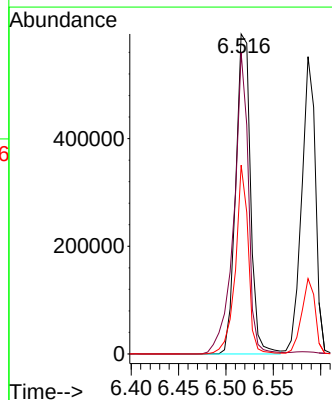
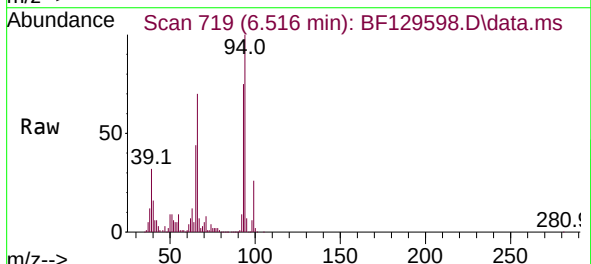
Instrument :
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ClientSampleId :
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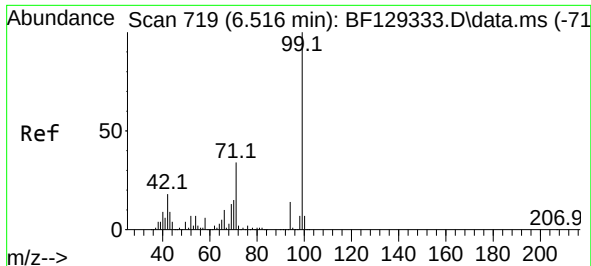
Tgt Ion:112 Resp: 1419738
Ion Ratio Lower Upper
112 100
64 58.0 53.3 79.9
63 30.4 28.0 42.0



#6
Aniline
Concen: 32.468 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion: 93 Resp: 644646
Ion Ratio Lower Upper
93 100
66 94.1 32.5 48.7#
65 59.0 16.4 24.6#



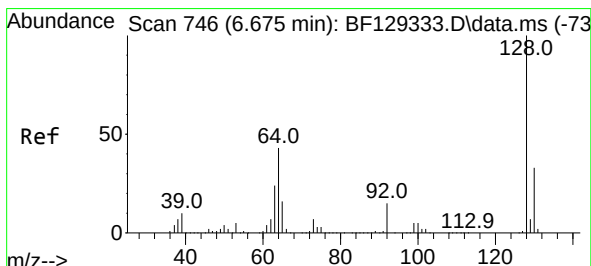
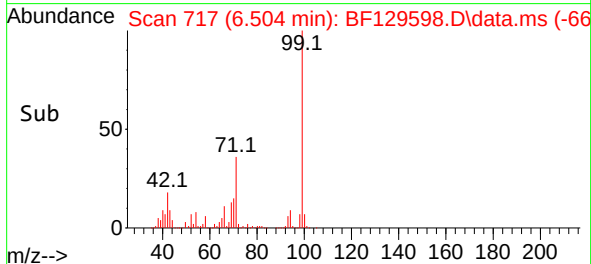
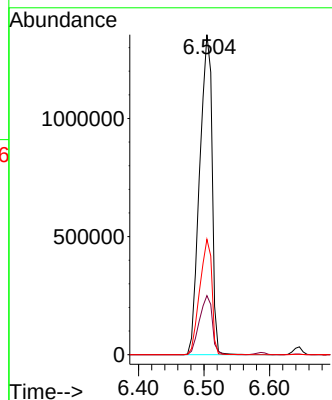
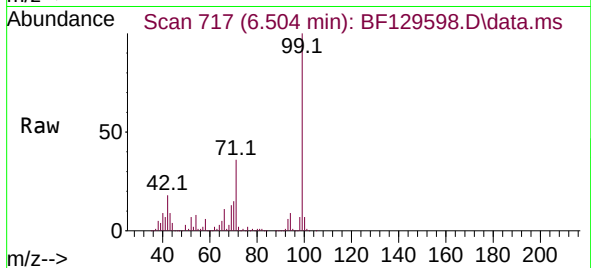


#7
Phenol-d6
Concen: 111.559 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1781721

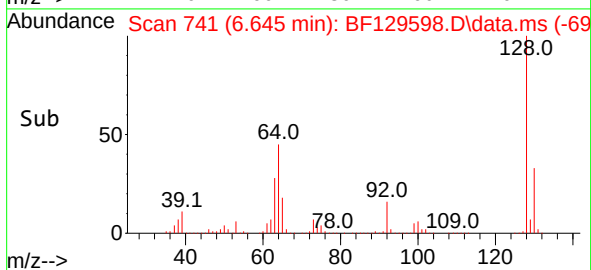
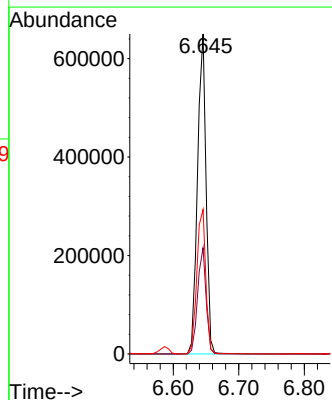
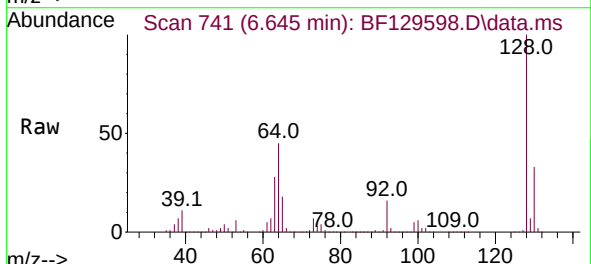
Ion	Ratio	Lower	Upper
99	100		
42	18.5	17.3	25.9
71	36.0	28.9	43.3

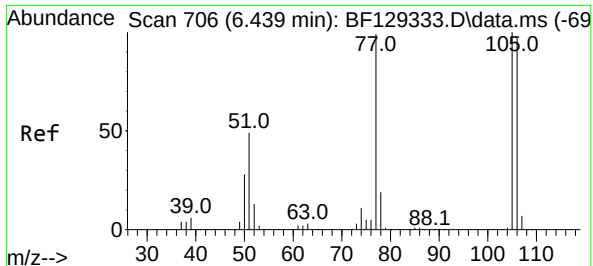


#8
2-Chlorophenol
Concen: 42.655 ng
RT: 6.645 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion: 128 Resp: 592128

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.1	53.1
64	45.1	30.9	70.9

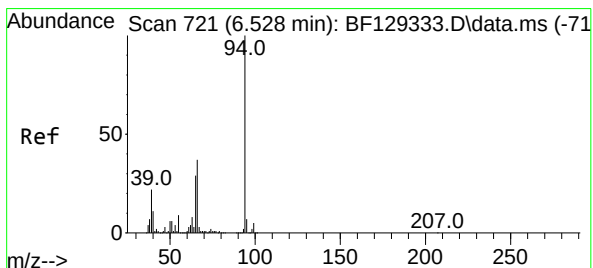
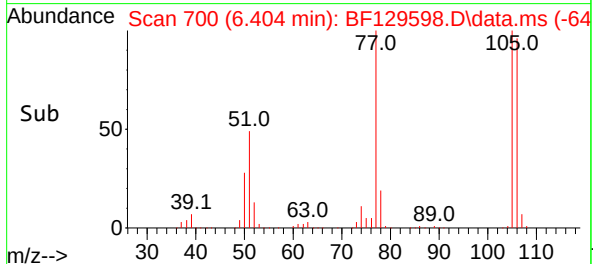
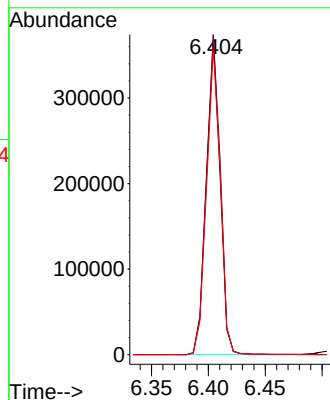
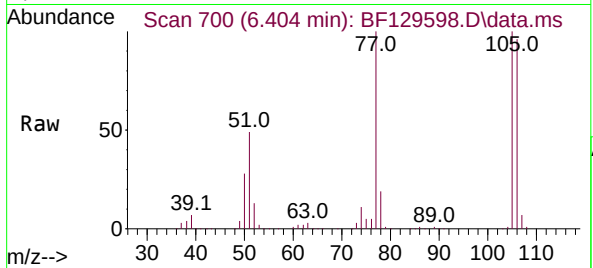




#9
Benzaldehyde
Concen: 28.750 ng
RT: 6.404 min Scan# 706
Delta R.T. 0.000 min
Lab File: BF129598.D
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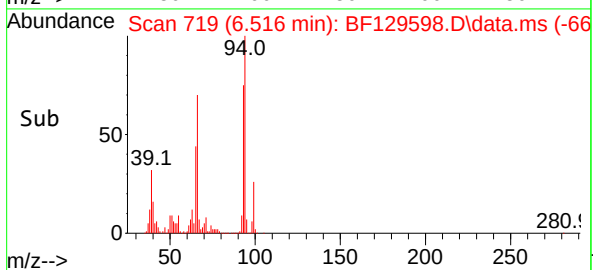
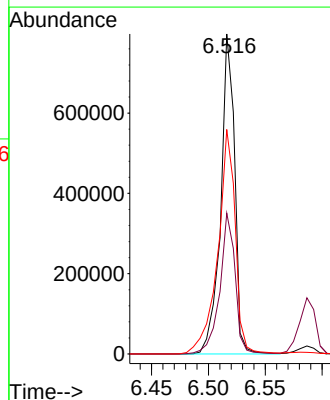
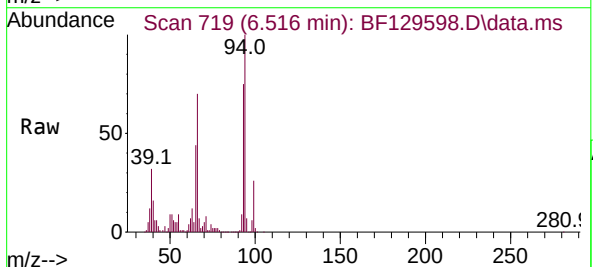
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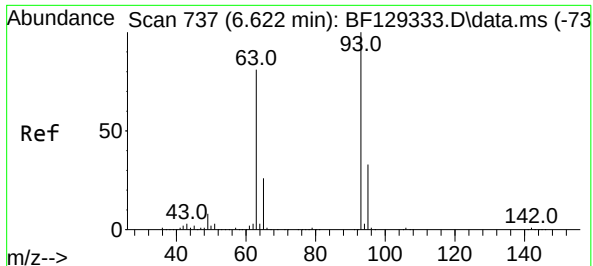
Tgt Ion: 77 Resp: 311827
Ion Ratio Lower Upper
77 100
105 100.1 81.6 121.6
106 95.7 76.1 116.1



#10
Phenol
Concen: 40.204 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion: 94 Resp: 683788
Ion Ratio Lower Upper
94 100
65 44.0 11.4 51.4
66 70.2 21.4 61.4#

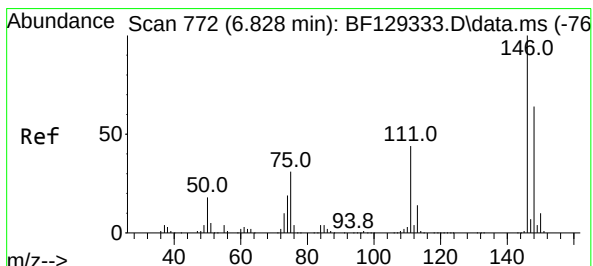
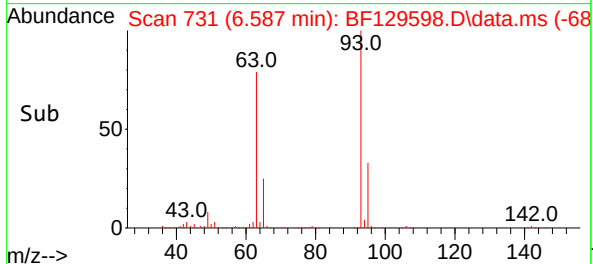
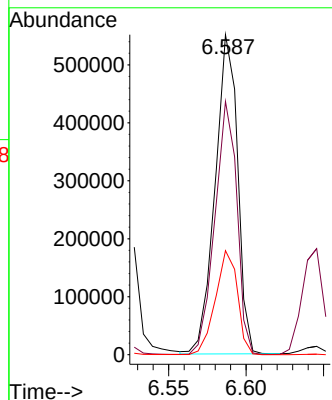
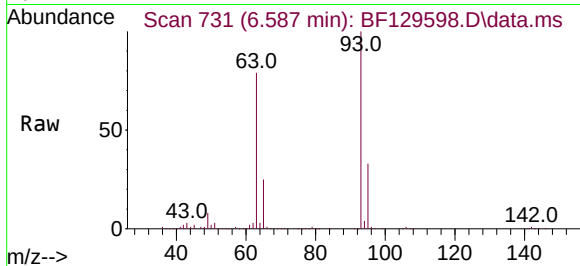




#11
bis(2-Chloroethyl)ether
Concen: 41.207 ng
RT: 6.587 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

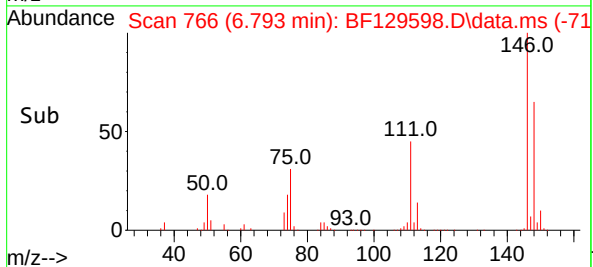
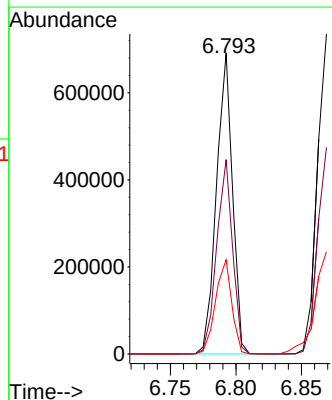
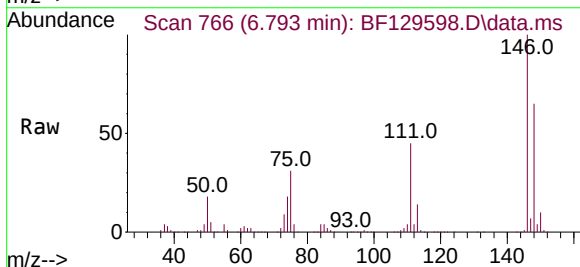
Instrument :
BNA_F
ClientSampleId :
PB146537BS

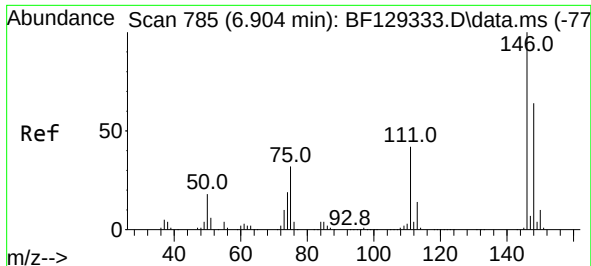
Tgt Ion: 93 Resp: 555802
Ion Ratio Lower Upper
93 100
63 79.1 67.4 107.4
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.363 ng
RT: 6.793 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:146 Resp: 586047
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 31.3 26.3 39.5

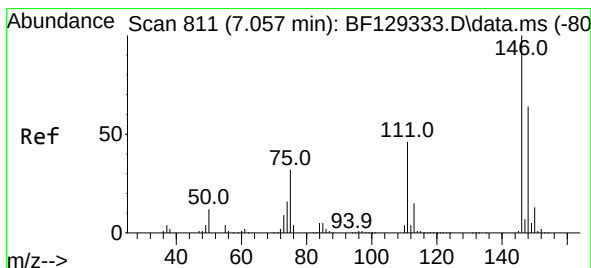
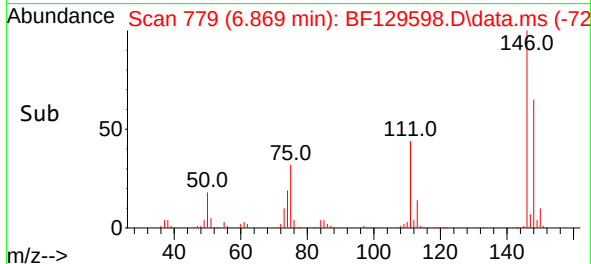
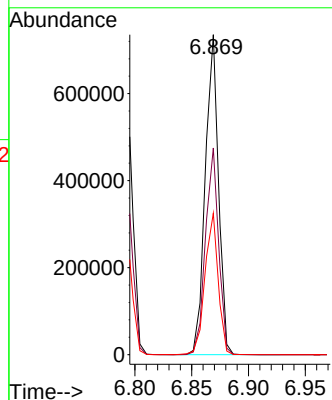
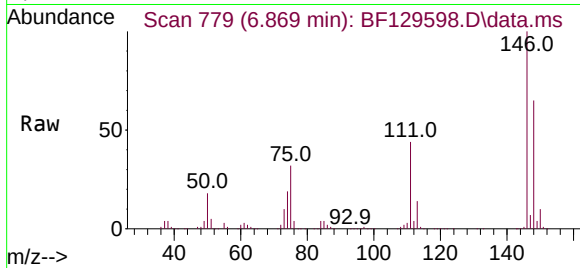




#13
 1,4-Dichlorobenzene
 Concen: 39.228 ng
 RT: 6.869 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129598.D
 Acq: 05 Aug 2022 13:08

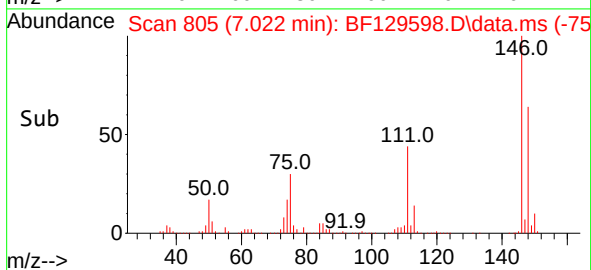
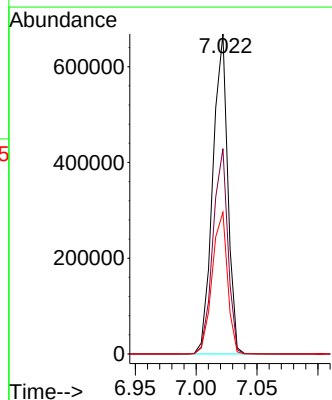
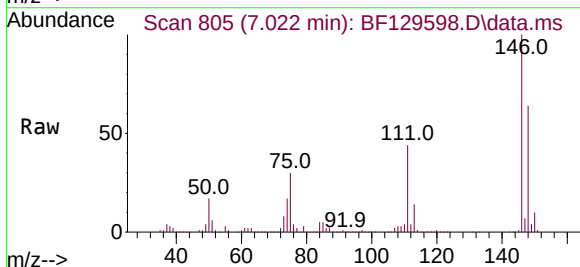
Instrument :
 BNA_F
 ClientSampleId :
 PB146537BS

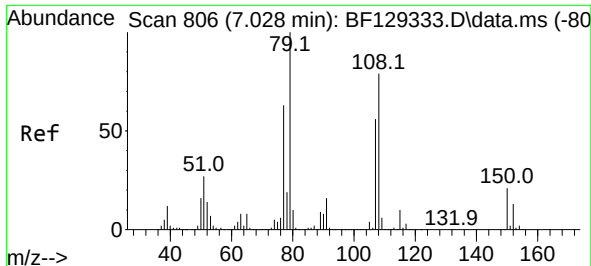
Tgt Ion:146 Resp: 593967
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 44.2 34.2 51.4



#14
 1,2-Dichlorobenzene
 Concen: 41.011 ng
 RT: 7.022 min Scan# 805
 Delta R.T. 0.000 min
 Lab File: BF129598.D
 Acq: 05 Aug 2022 13:08

Tgt Ion:146 Resp: 570771
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.8 77.8
 111 44.2 35.1 52.7

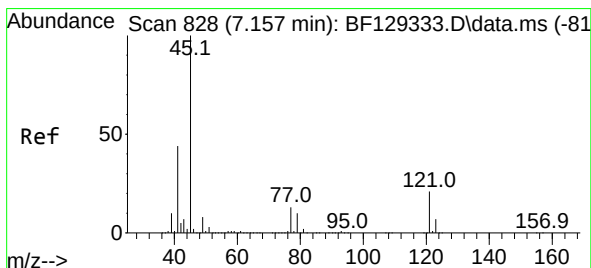
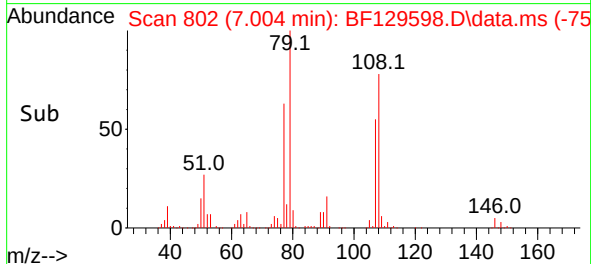
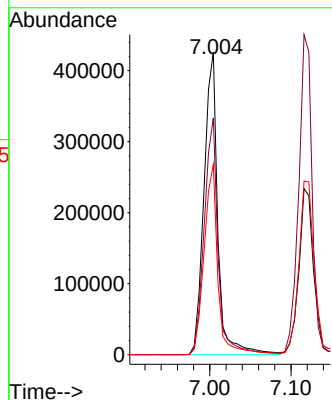
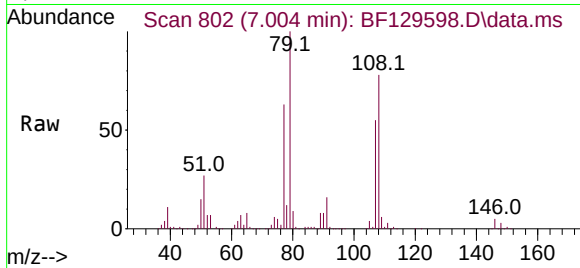




#15
Benzyl Alcohol
Concen: 43.531 ng
RT: 7.004 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

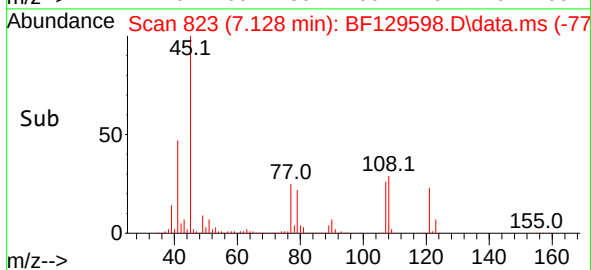
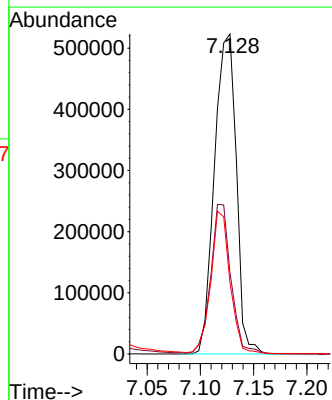
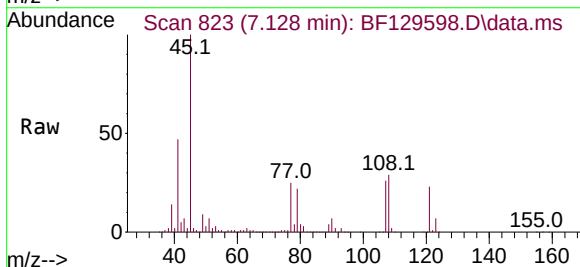
Instrument :
BNA_F
ClientSampleId :
PB146537BS

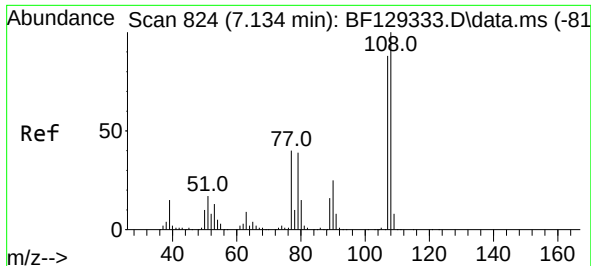
Tgt Ion: 79 Resp: 504223
Ion Ratio Lower Upper
79 100
108 78.3 61.8 92.6
77 62.9 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.671 ng
RT: 7.128 min Scan# 823
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion: 45 Resp: 743510
Ion Ratio Lower Upper
45 100
77 25.4 0.0 31.3
79 22.2 0.0 28.3

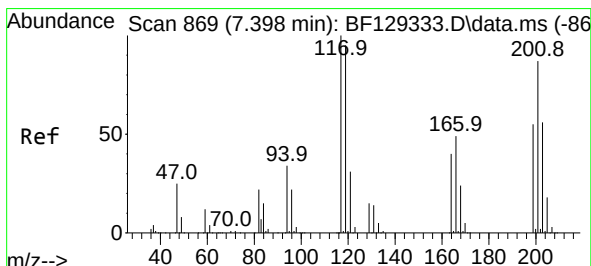
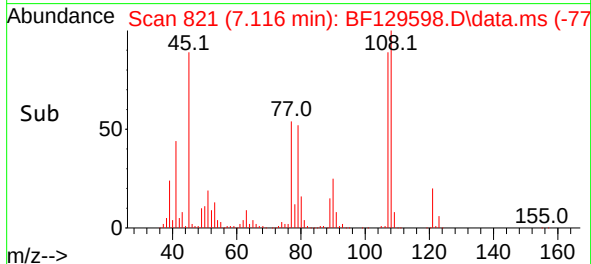
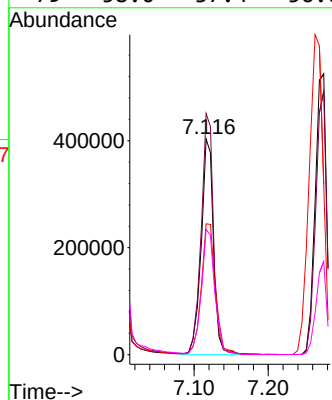
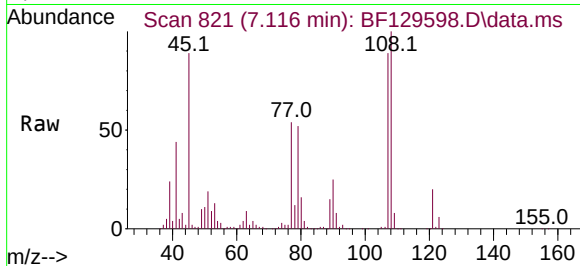




#17
2-Methylphenol
Concen: 40.439 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

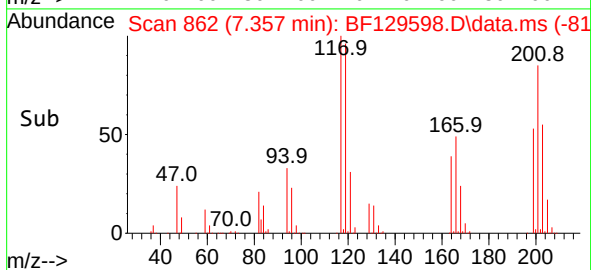
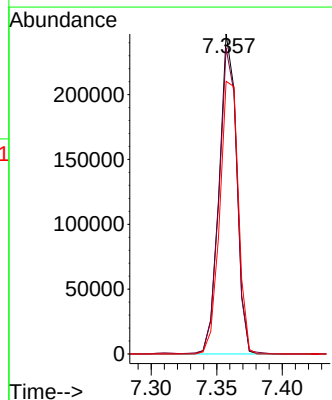
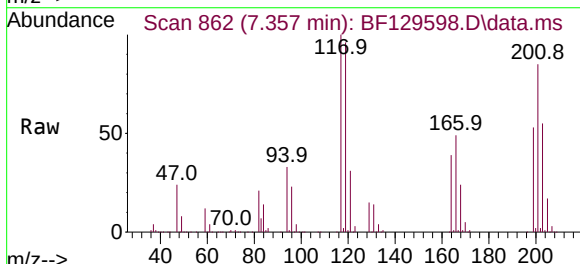
Instrument :
BNA_F
ClientSampleId :
PB146537BS

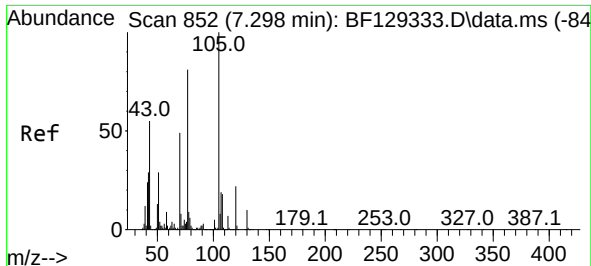
Tgt Ion:107 Resp: 465711
Ion Ratio Lower Upper
107 100
108 111.8 91.9 137.9
77 60.6 37.8 56.8#
79 58.0 37.4 56.0#



#18
Hexachloroethane
Concen: 39.971 ng
RT: 7.357 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:117 Resp: 227893
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2
201 85.2 84.6 127.0



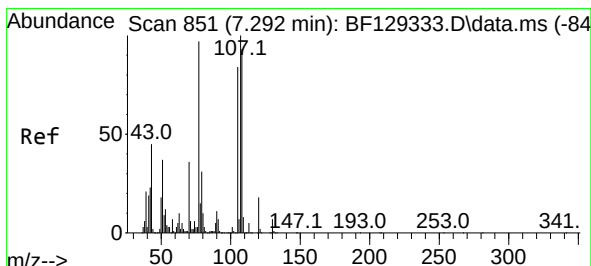
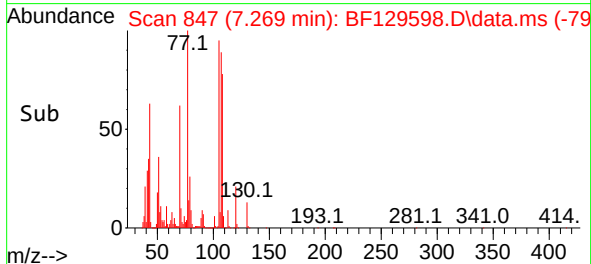
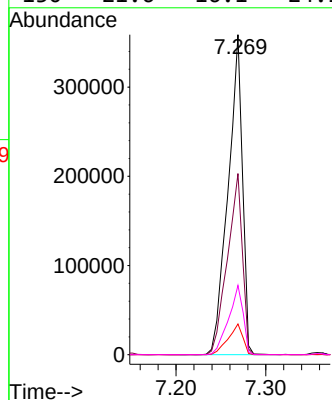
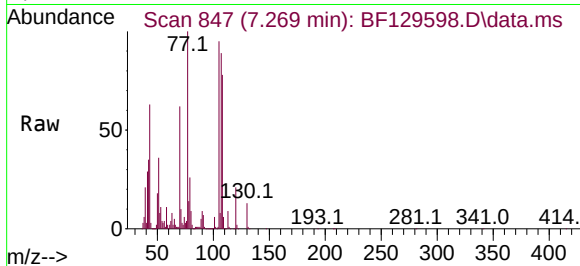


#19
n-Nitroso-di-n-propylamine
Concen: 41.364 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion: 70 Resp: 399937

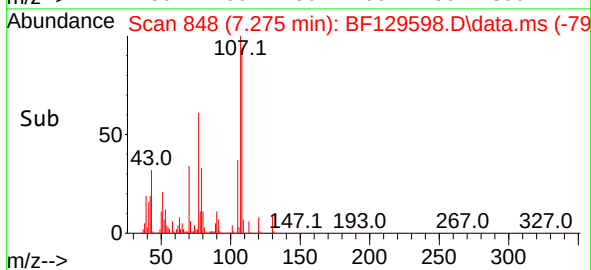
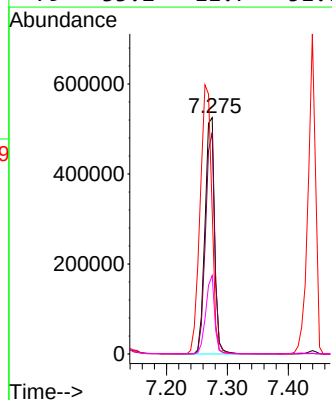
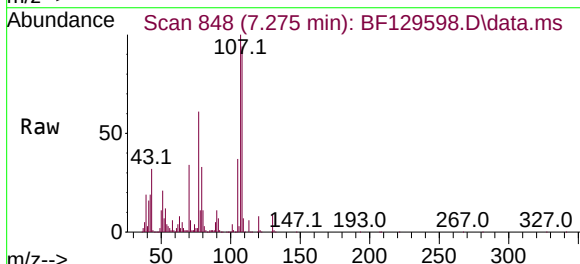
Ion	Ratio	Lower	Upper
70	100		
42	56.6	52.3	78.5
101	9.6	7.5	11.3
130	21.6	16.1	24.1

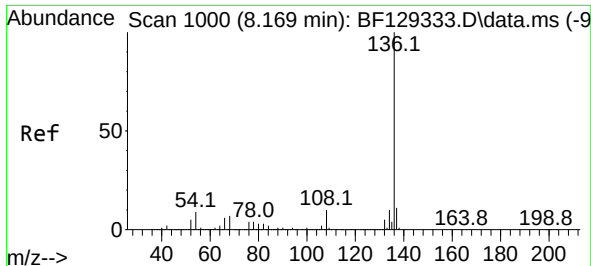


#20
3+4-Methylphenols
Concen: 39.131 ng
RT: 7.275 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion: 107 Resp: 572980

Ion	Ratio	Lower	Upper
107	100		
108	93.7	71.8	111.8
77	60.6	59.3	99.3
79	33.2	11.7	51.7

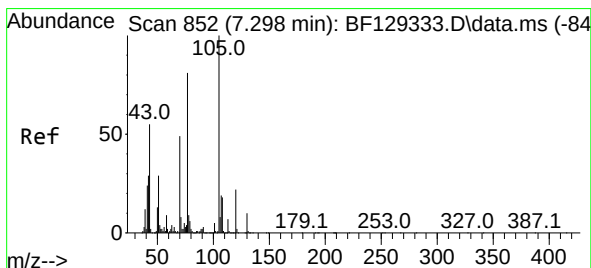
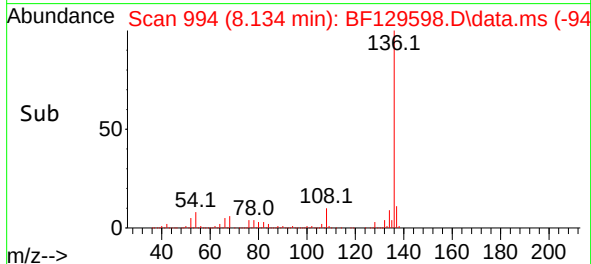
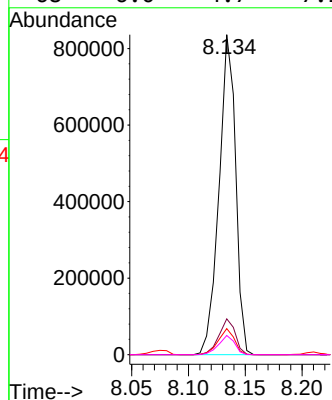
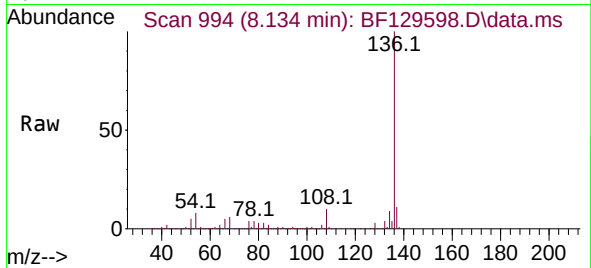




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

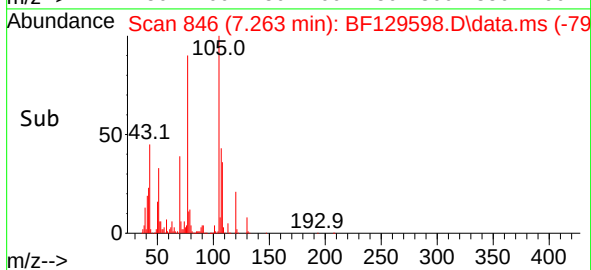
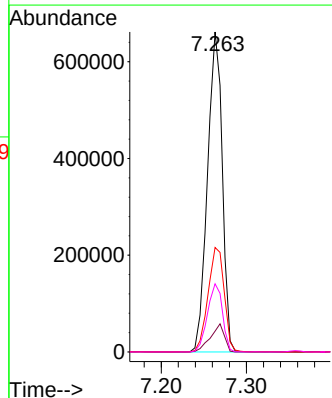
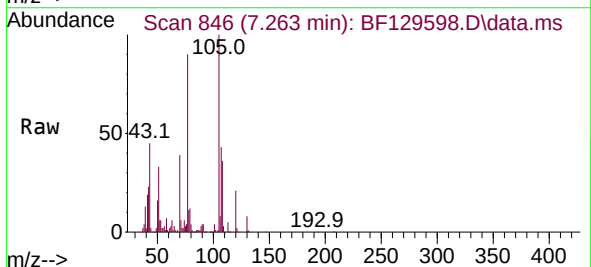
Instrument :
BNA_F
ClientSampleId :
PB146537BS

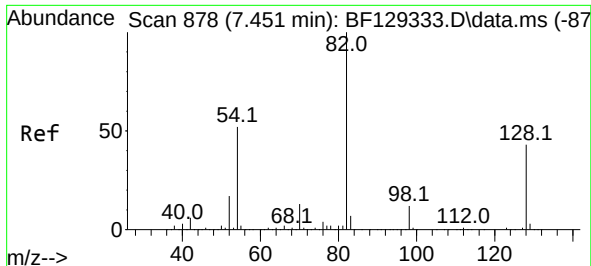
Tgt Ion:136 Resp: 850892
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.1 7.5 11.3
68 6.0 4.7 7.1



#22
Acetophenone
Concen: 40.142 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:105 Resp: 795228
Ion Ratio Lower Upper
105 100
71 6.5 5.0 7.4
51 32.6 25.0 37.4
120 21.3 17.8 26.8

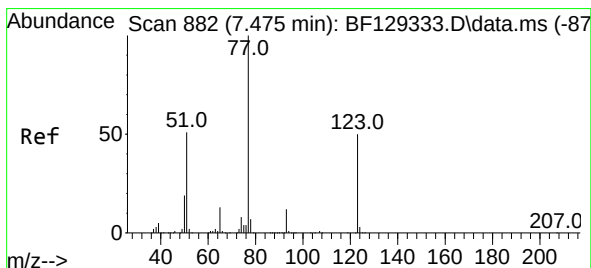
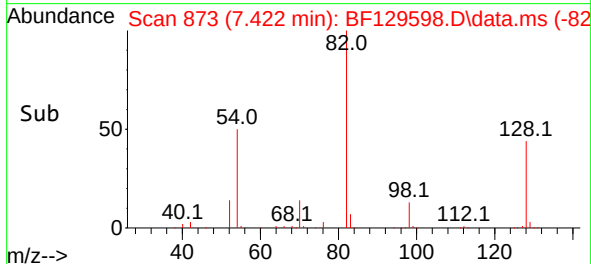
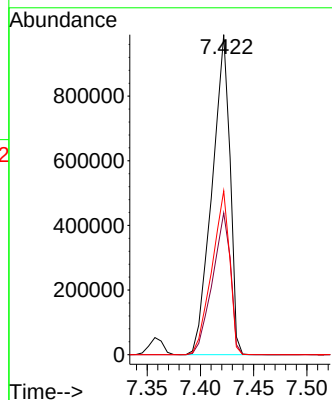
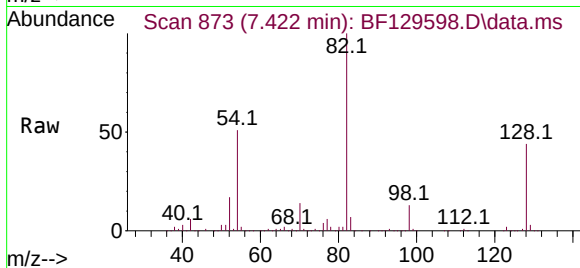




#23
Nitrobenzene-d5
Concen: 74.021 ng
RT: 7.422 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

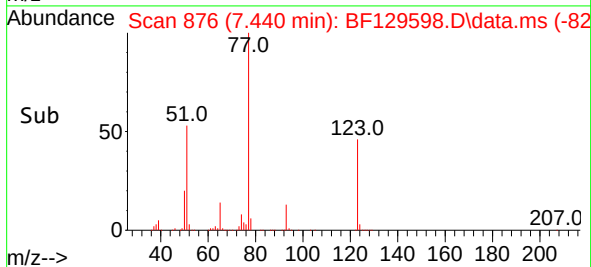
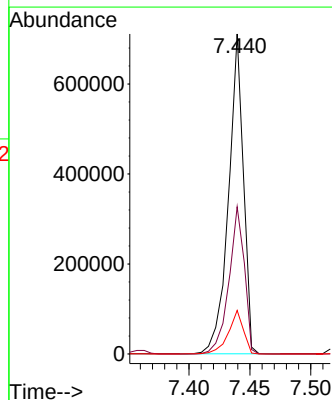
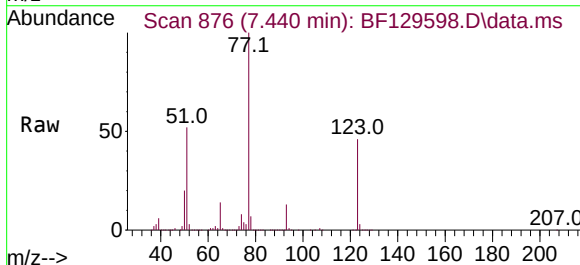
Instrument :
BNA_F
ClientSampleId :
PB146537BS

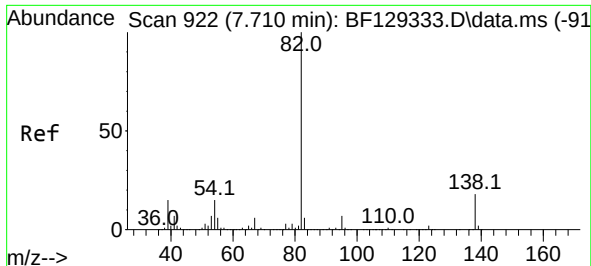
Tgt Ion: 82 Resp: 1153794
Ion Ratio Lower Upper
82 100
128 44.3 34.0 51.0
54 51.2 46.9 70.3



#24
Nitrobenzene
Concen: 37.818 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion: 77 Resp: 607025
Ion Ratio Lower Upper
77 100
123 46.0 35.4 53.2
65 13.6 11.8 17.8

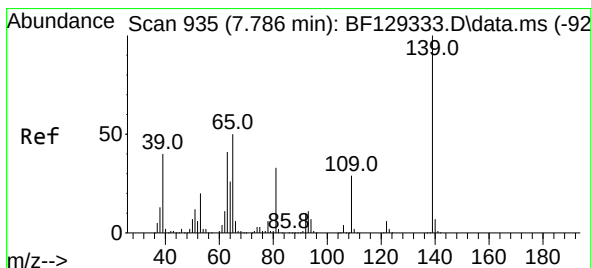
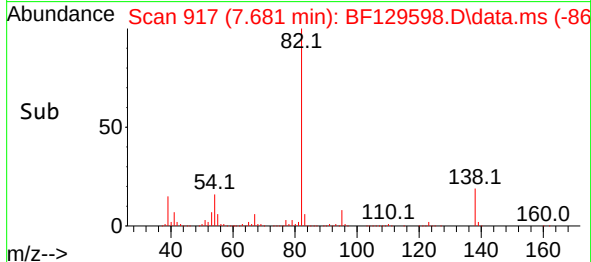
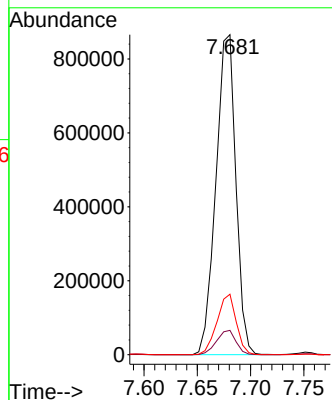
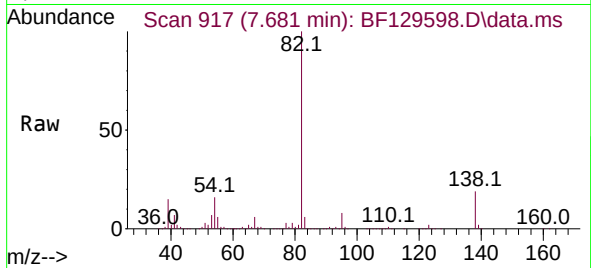




#25
Isophorone
Concen: 40.309 ng
RT: 7.681 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

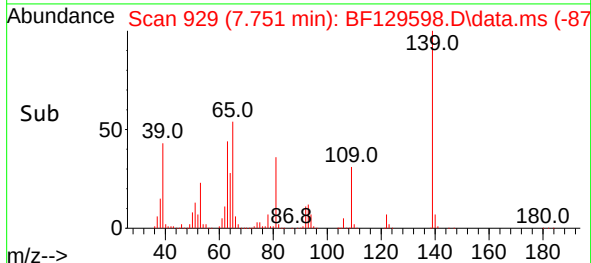
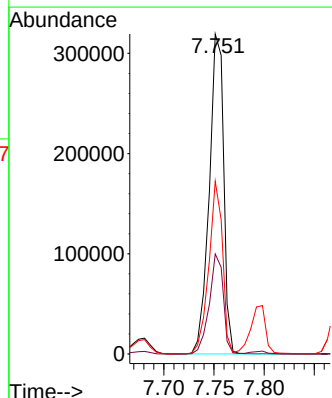
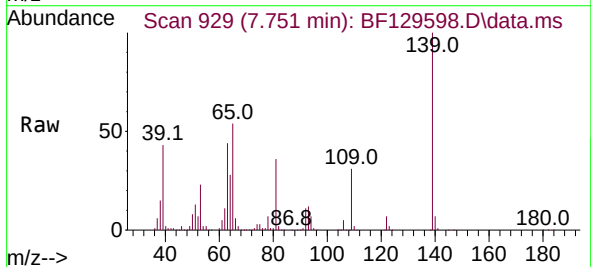
Instrument :
BNA_F
ClientSampleId :
PB146537BS

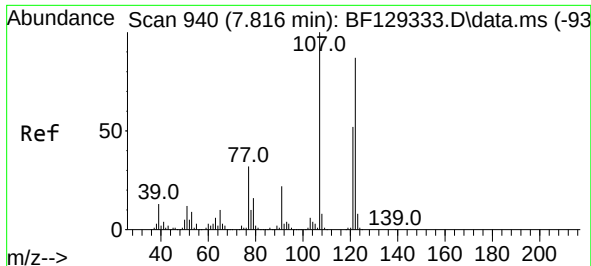
Tgt Ion: 82 Resp: 1126253
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 18.9 14.2 21.2



#26
2-Nitrophenol
Concen: 40.569 ng
RT: 7.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion: 139 Resp: 321245
Ion Ratio Lower Upper
139 100
109 31.2 25.0 37.4
65 54.0 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 42.356 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

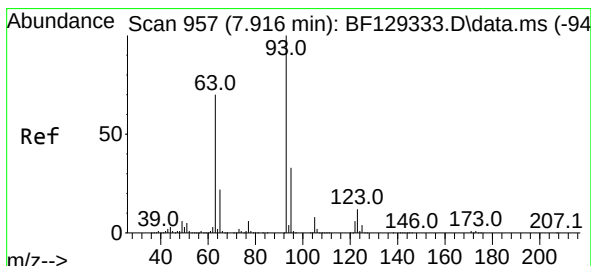
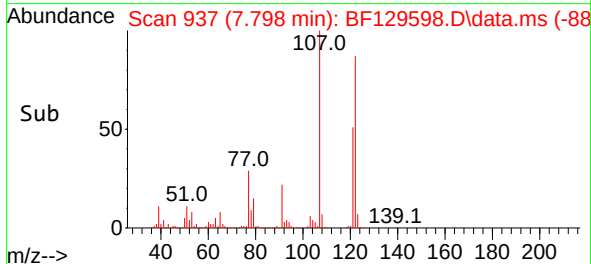
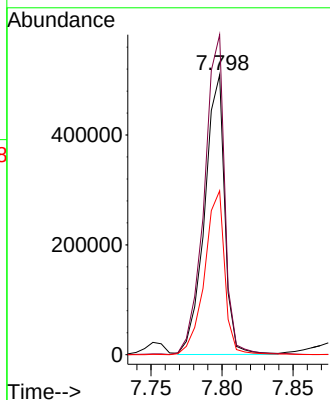
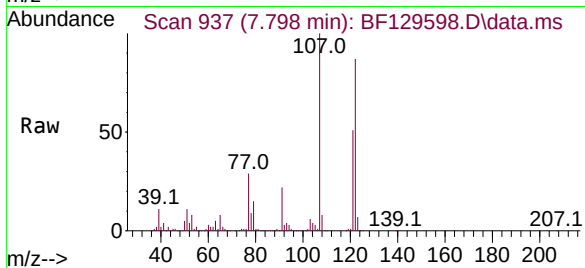
Tgt Ion:122 Resp: 503096

Ion Ratio Lower Upper

122 100

107 114.4 93.0 139.6

121 58.6 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 42.606 ng

RT: 7.881 min Scan# 951

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

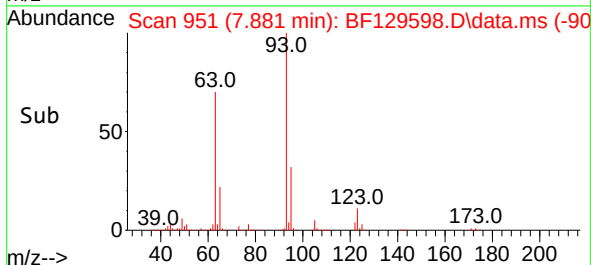
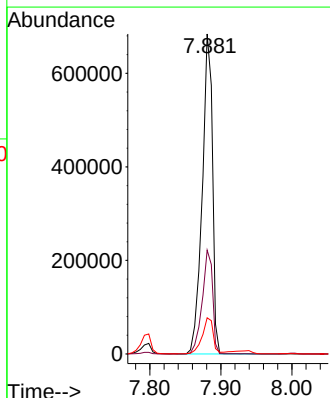
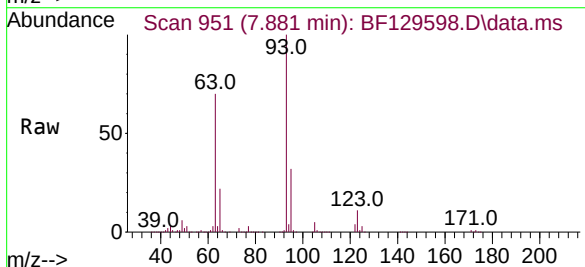
Tgt Ion: 93 Resp: 690570

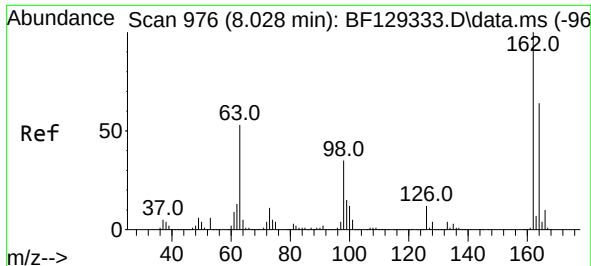
Ion Ratio Lower Upper

93 100

95 32.4 26.8 40.2

123 11.3 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.067 ng

RT: 8.004 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

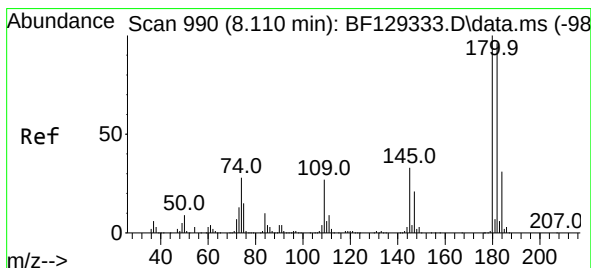
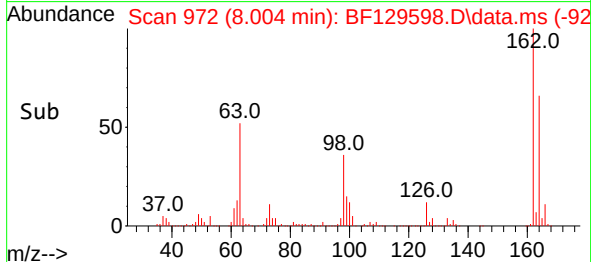
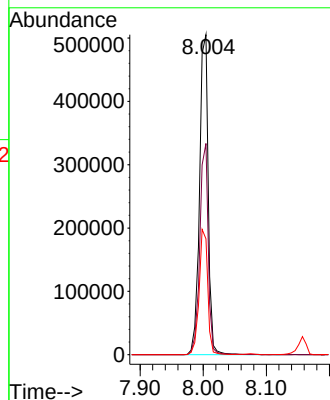
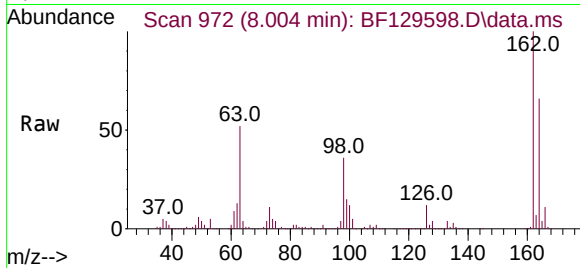
Tgt Ion:162 Resp: 478953

Ion Ratio Lower Upper

162 100

164 66.0 44.2 84.2

98 36.2 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 37.944 ng

RT: 8.075 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

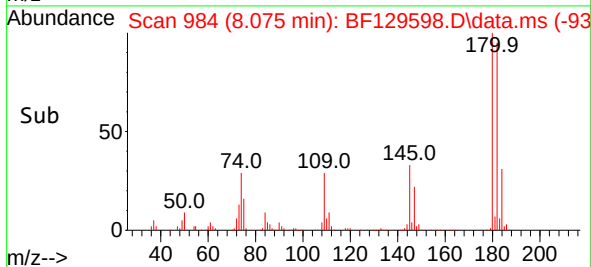
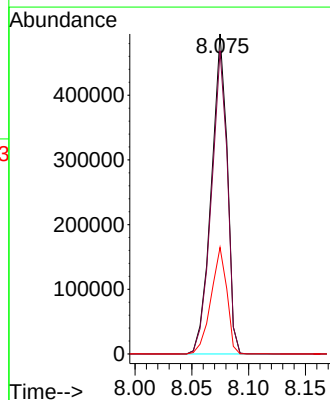
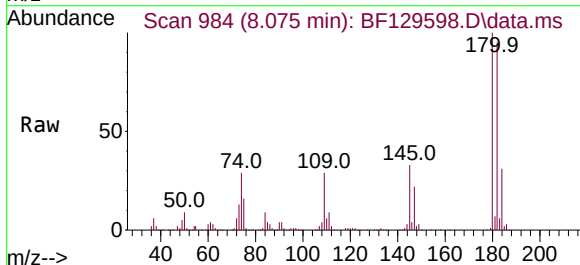
Tgt Ion:180 Resp: 481504

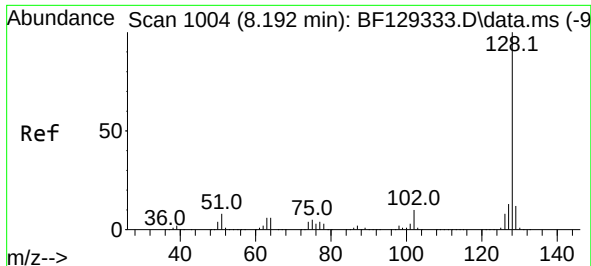
Ion Ratio Lower Upper

180 100

182 94.8 79.2 118.8

145 33.3 26.2 39.2





#31

Naphthalene

Concen: 38.000 ng

RT: 8.157 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

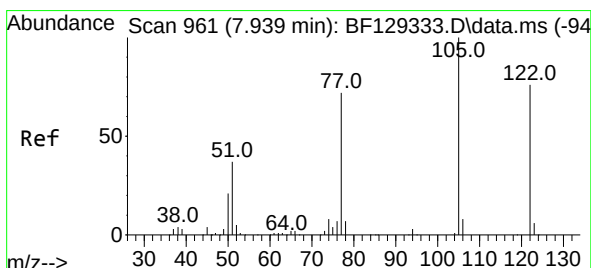
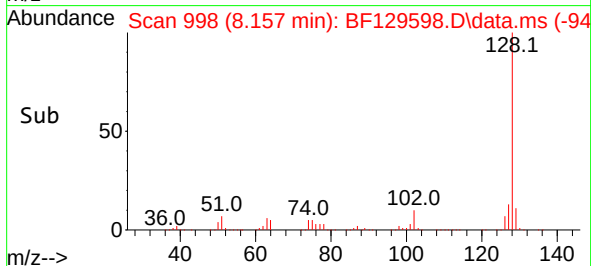
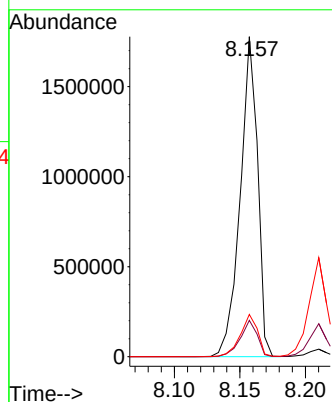
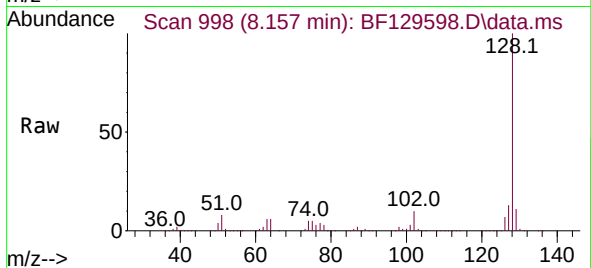
Tgt Ion:128 Resp: 1642739

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 30.305 ng

RT: 7.940 min Scan# 961

Delta R.T. 0.006 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

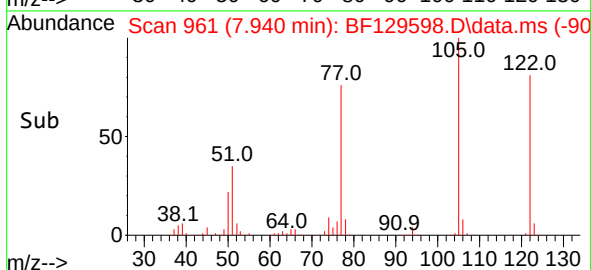
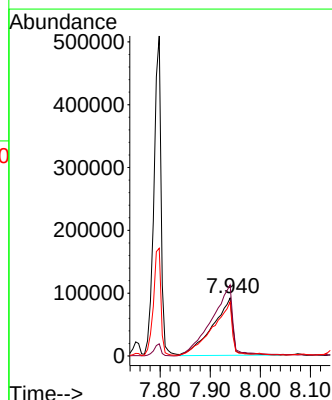
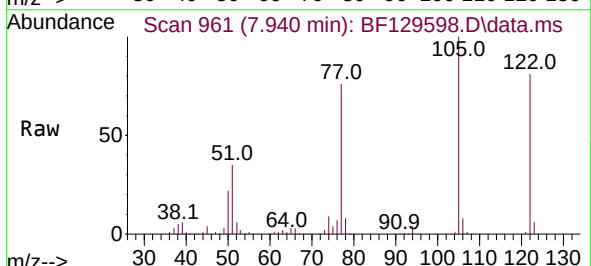
Tgt Ion:122 Resp: 260226

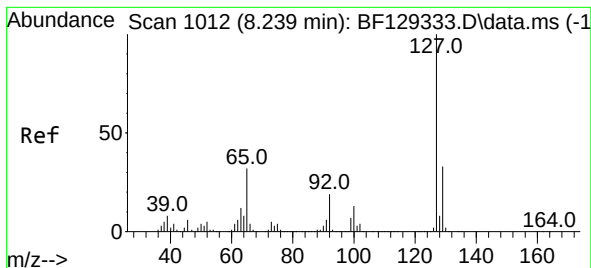
Ion Ratio Lower Upper

122 100

105 122.9 107.1 147.1

77 93.4 74.2 114.2





#33

4-Chloroaniline

Concen: 31.461 ng

RT: 8.210 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

Tgt Ion:127 Resp: 558394

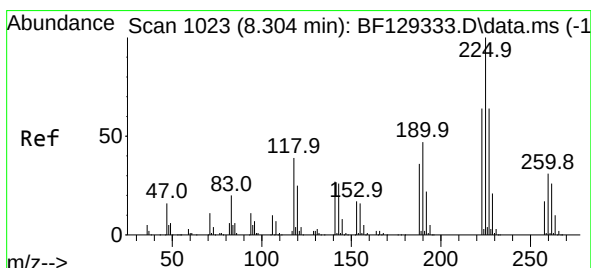
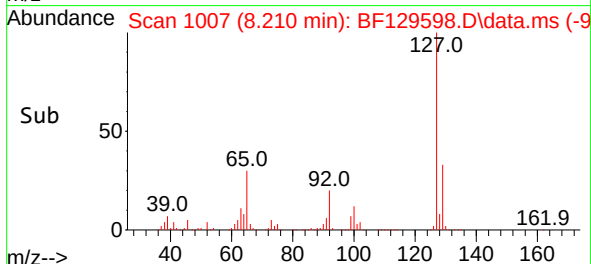
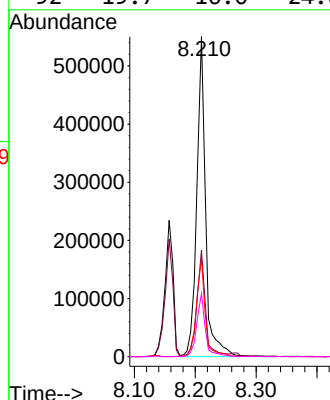
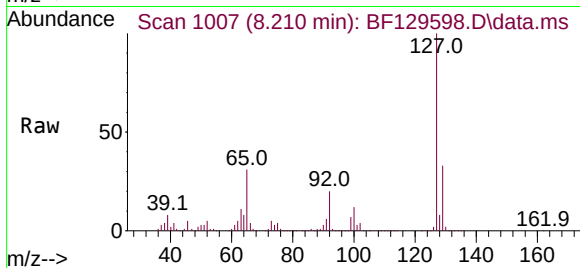
Ion Ratio Lower Upper

127 100

129 33.3 26.4 39.6

65 30.7 26.4 39.6

92 19.7 16.0 24.0



#34

Hexachlorobutadiene

Concen: 39.634 ng

RT: 8.269 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

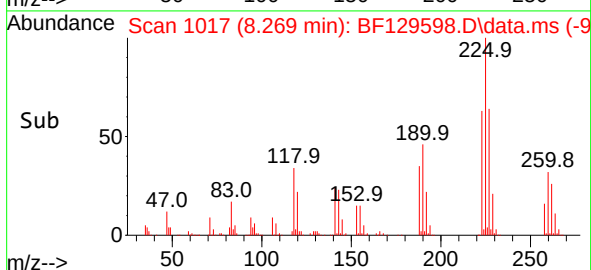
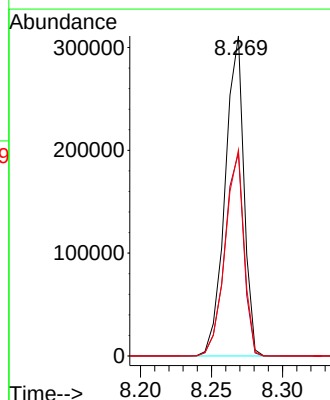
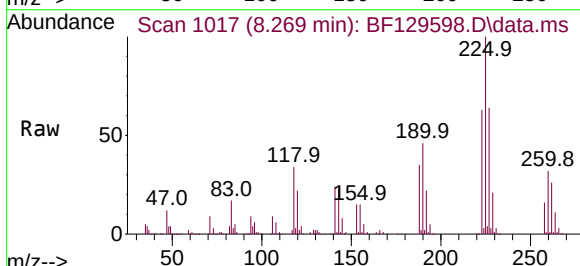
Tgt Ion:225 Resp: 285890

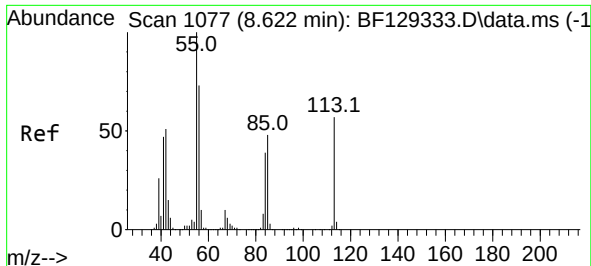
Ion Ratio Lower Upper

225 100

223 63.4 51.0 76.6

227 64.4 51.1 76.7

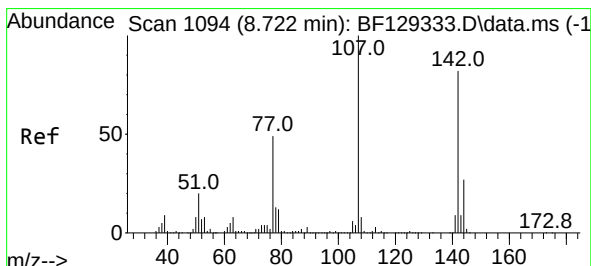
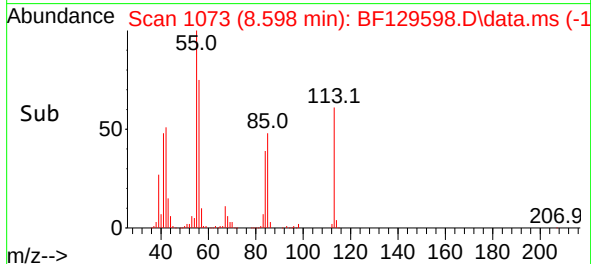
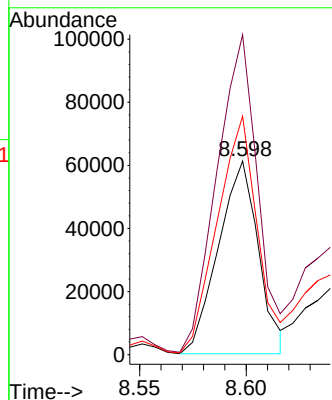
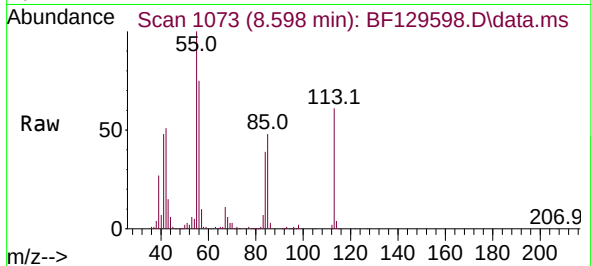




#35
 Caprolactam
 Concen: 20.036 ng
 RT: 8.598 min Scan# 1077
 Delta R.T. -0.006 min
 Lab File: BF129598.D
 Acq: 05 Aug 2022 13:08

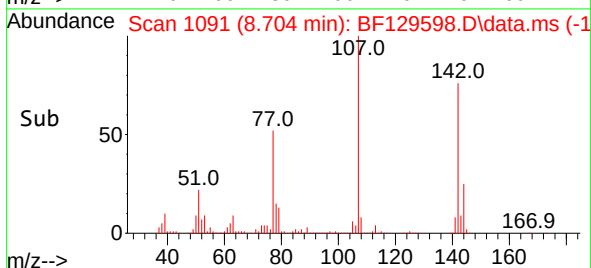
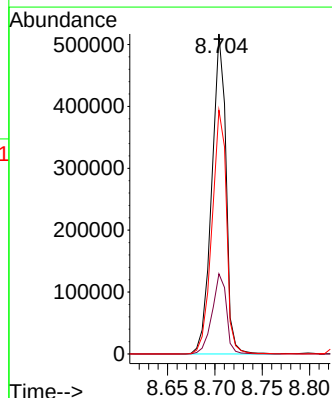
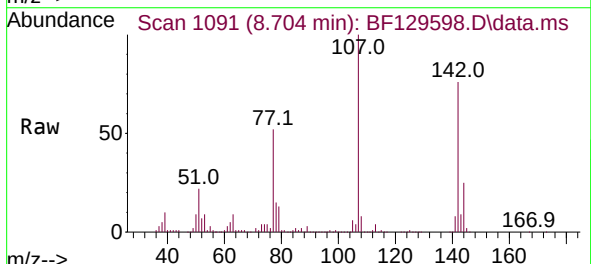
Instrument :
 BNA_F
 ClientSampleId :
 PB146537BS

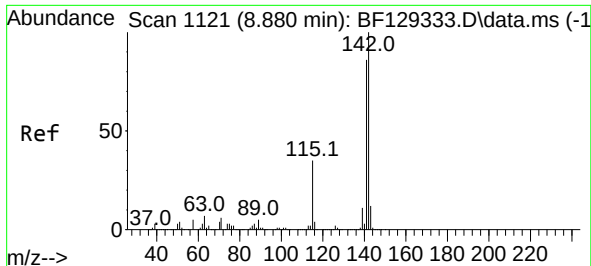
Tgt Ion:113 Resp: 79858
 Ion Ratio Lower Upper
 113 100
 55 165.3 188.5 228.5#
 56 123.2 130.6 170.6#



#36
 4-Chloro-3-methylphenol
 Concen: 41.329 ng
 RT: 8.704 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: BF129598.D
 Acq: 05 Aug 2022 13:08

Tgt Ion:107 Resp: 537395
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.5 29.3
 142 76.2 58.2 87.4

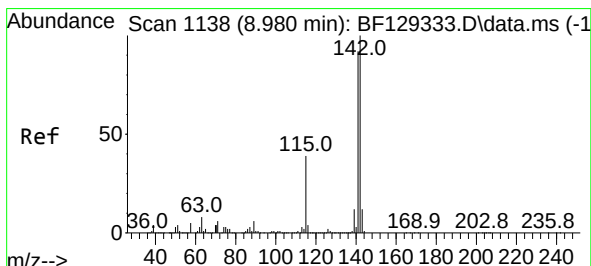
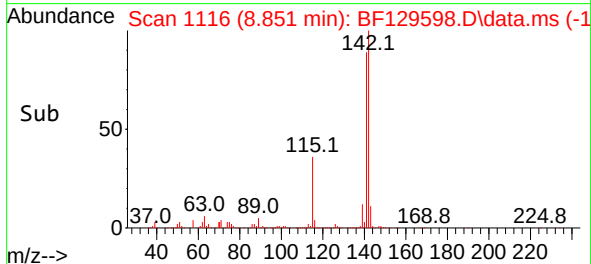
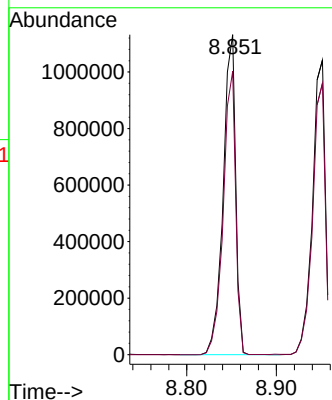
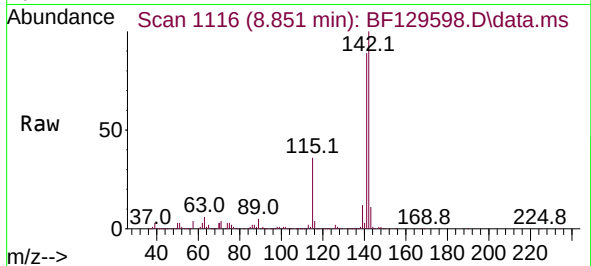




#37
2-Methylnaphthalene
Concen: 39.008 ng
RT: 8.851 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

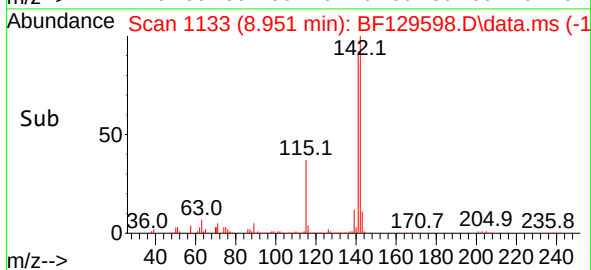
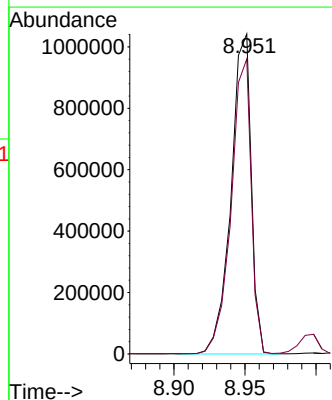
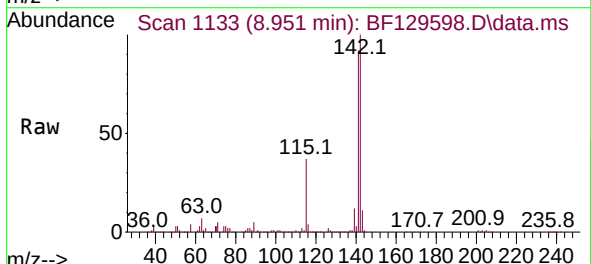
Instrument :
BNA_F
ClientSampleId :
PB146537BS

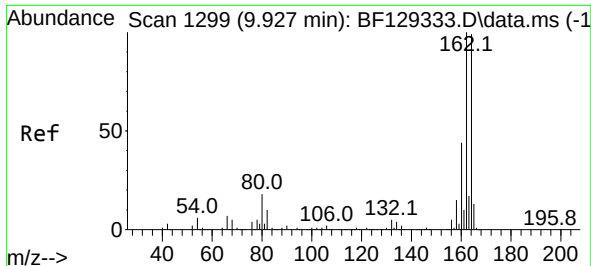
Tgt Ion:142 Resp: 1095891
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4



#38
1-Methylnaphthalene
Concen: 38.035 ng
RT: 8.951 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:142 Resp: 1031524
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

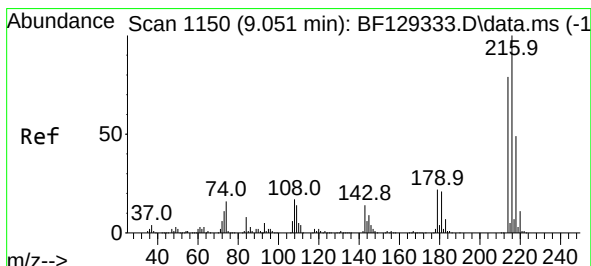
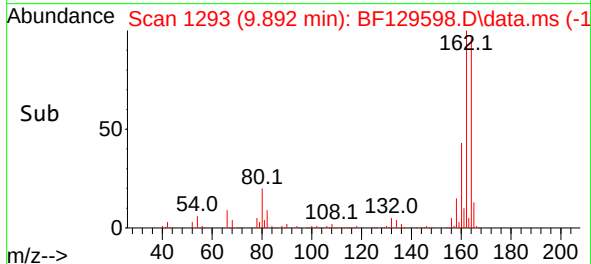
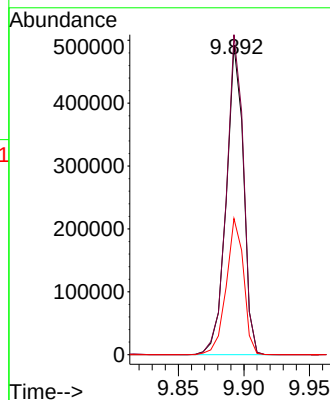
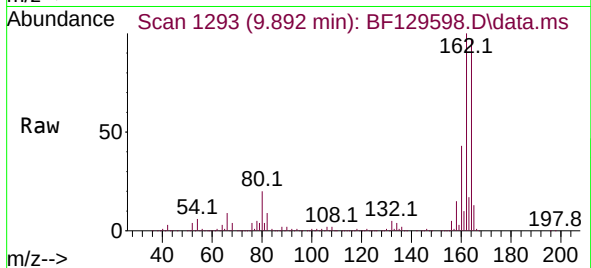
Tgt Ion:164 Resp: 448373

Ion Ratio Lower Upper

164 100

162 103.3 79.5 119.3

160 43.9 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.246 ng

RT: 9.016 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Tgt Ion:216 Resp: 473828

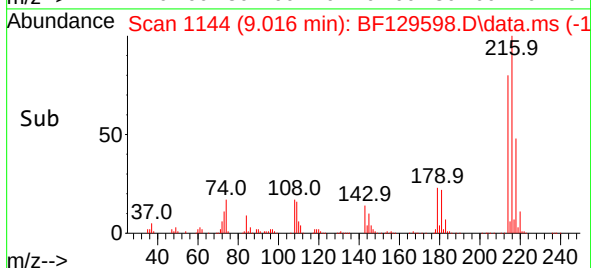
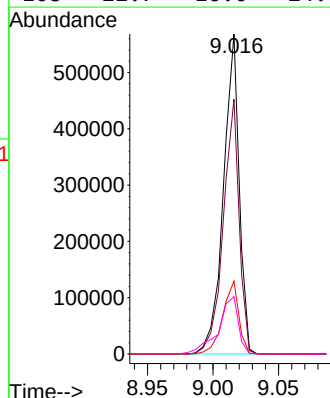
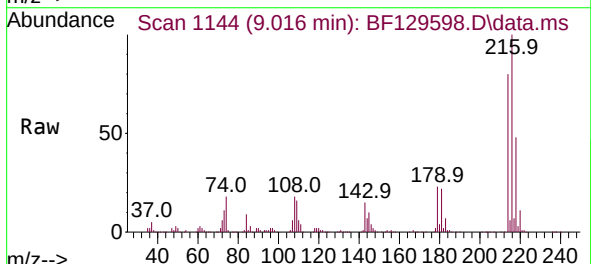
Ion Ratio Lower Upper

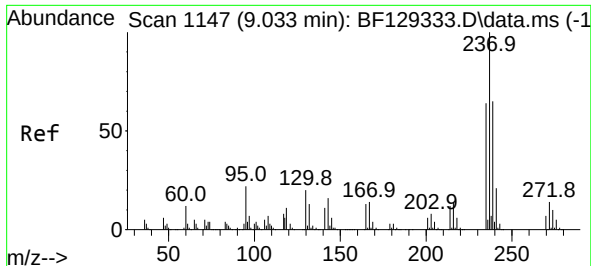
216 100

214 79.9 63.6 95.4

179 23.1 17.0 25.6

108 22.7 16.0 24.0

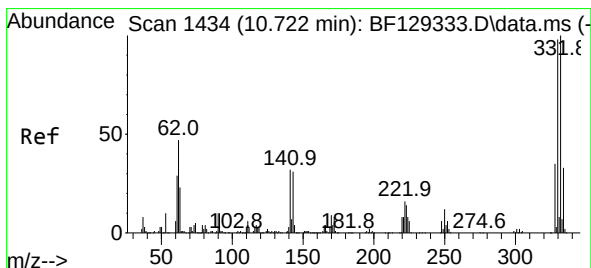
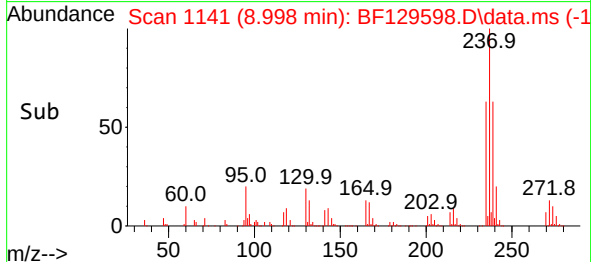
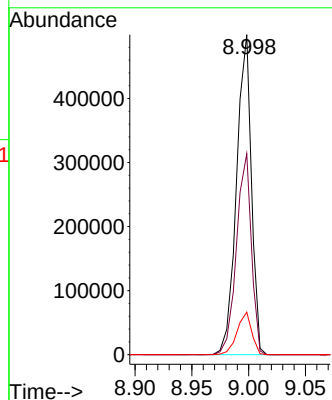
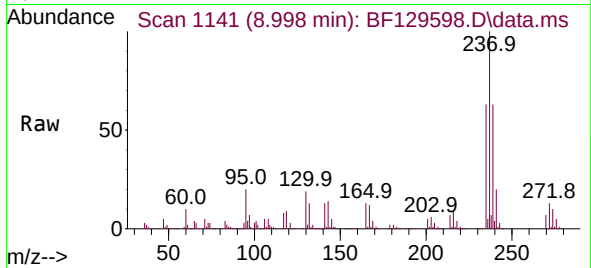




#41
Hexachlorocyclopentadiene
Concen: 86.625 ng
RT: 8.998 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

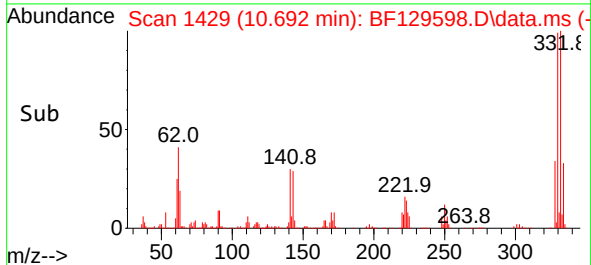
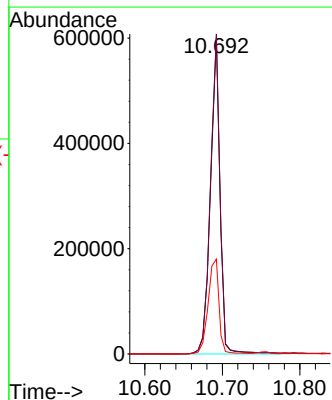
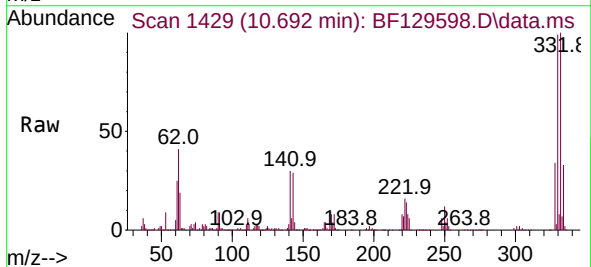
Instrument :
BNA_F
ClientSampleId :
PB146537BS

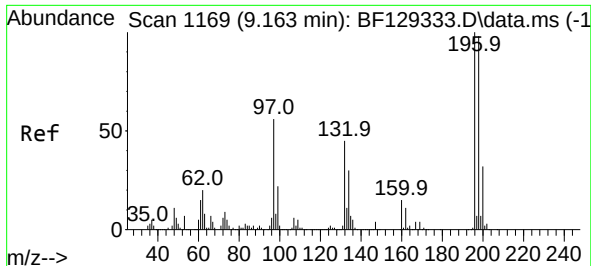
Tgt Ion:237 Resp: 454137
Ion Ratio Lower Upper
237 100
235 62.8 43.2 83.2
272 13.3 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 119.418 ng
RT: 10.692 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:330 Resp: 514783
Ion Ratio Lower Upper
330 100
332 103.3 76.8 115.2
141 34.4 28.0 42.0

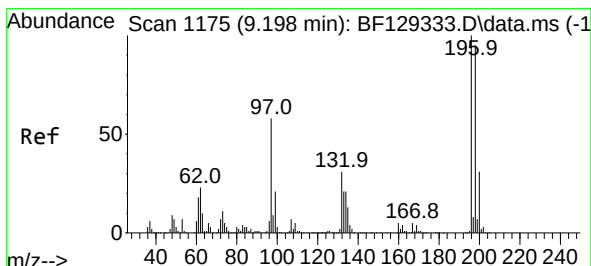
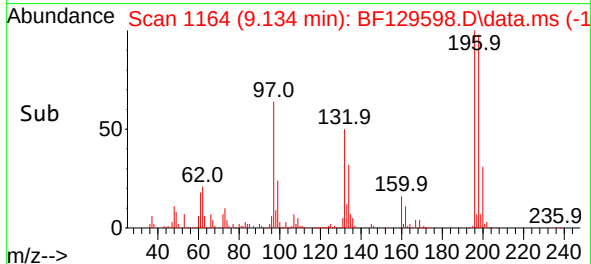
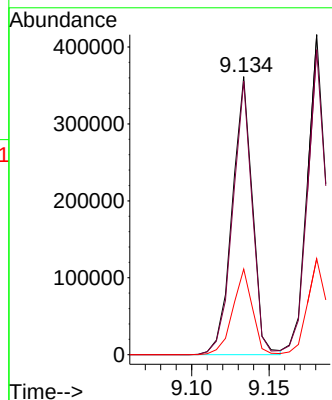
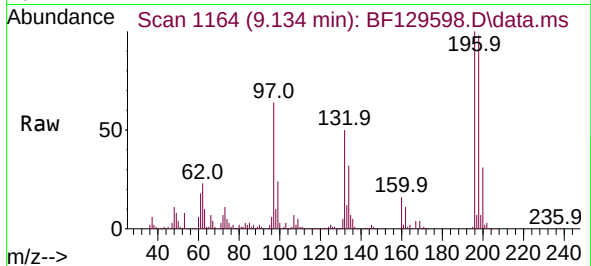




#43
2,4,6-Trichlorophenol
Concen: 38.271 ng
RT: 9.134 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

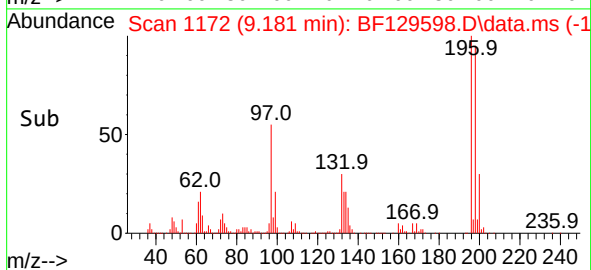
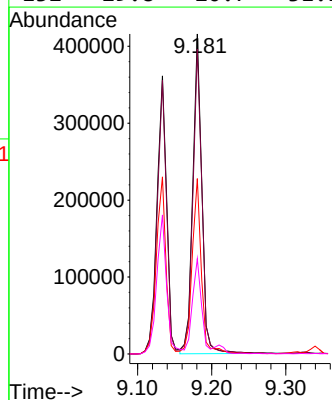
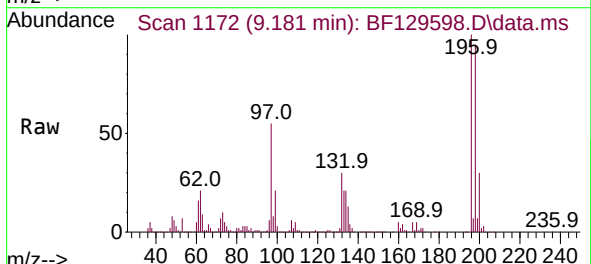
Instrument :
BNA_F
ClientSampleId :
PB146537BS

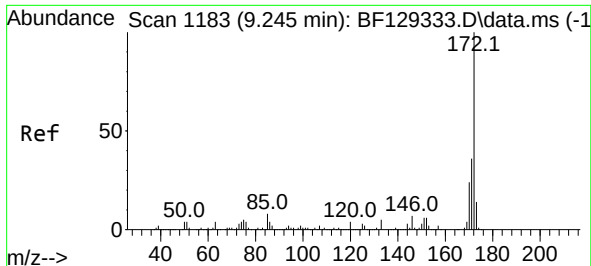
Tgt Ion:196 Resp: 327262
Ion Ratio Lower Upper
196 100
198 98.4 74.0 111.0
200 30.8 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 37.930 ng
RT: 9.181 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:196 Resp: 352712
Ion Ratio Lower Upper
196 100
198 95.3 75.7 113.5
97 54.8 36.4 54.6#
132 29.8 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 72.891 ng

RT: 9.210 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

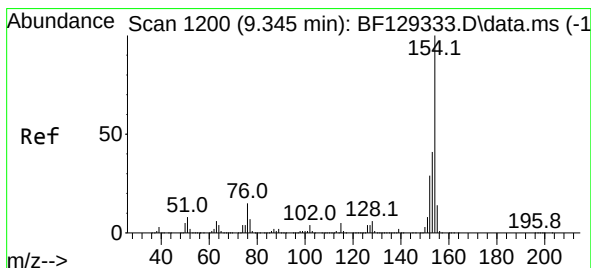
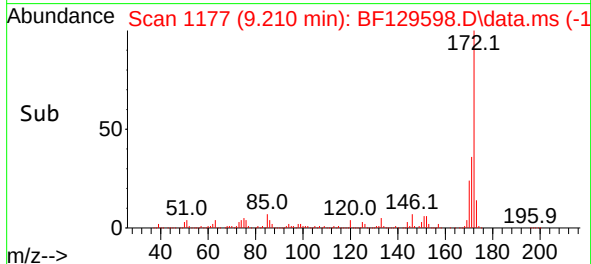
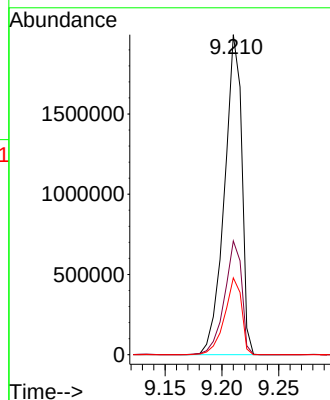
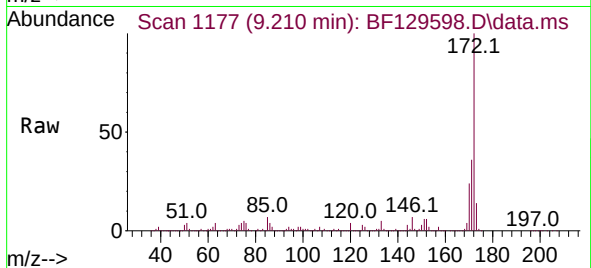
Tgt Ion:172 Resp: 2112706

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.0 19.8 29.8



#46

1,1'-Biphenyl

Concen: 40.169 ng

RT: 9.316 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

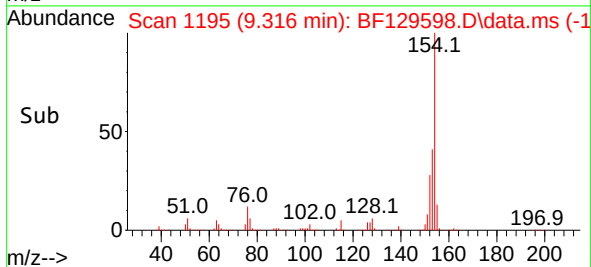
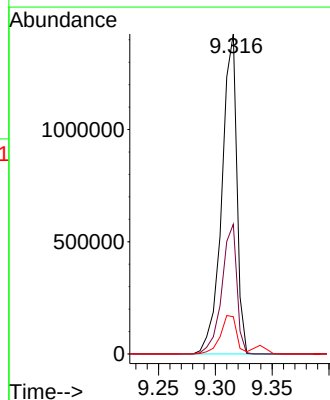
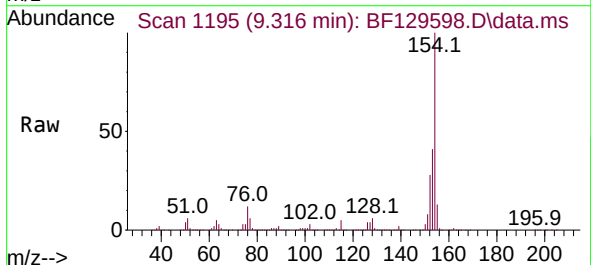
Tgt Ion:154 Resp: 1314429

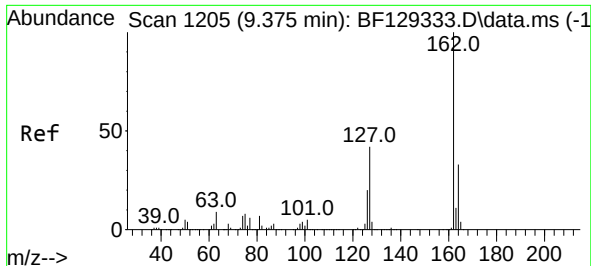
Ion Ratio Lower Upper

154 100

153 40.5 20.6 60.6

76 11.7 0.0 33.3

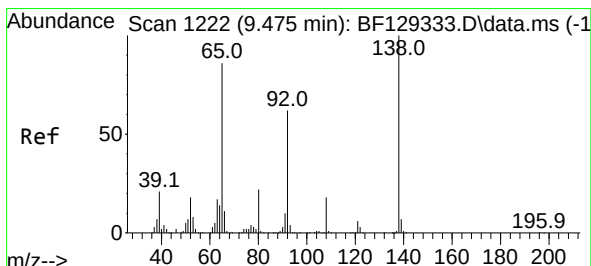
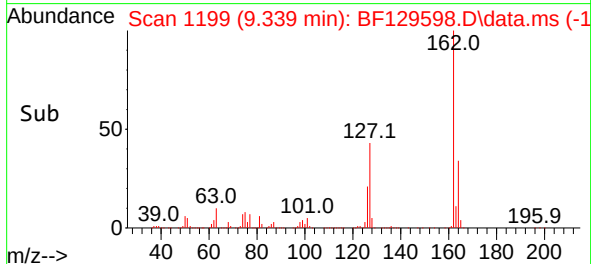
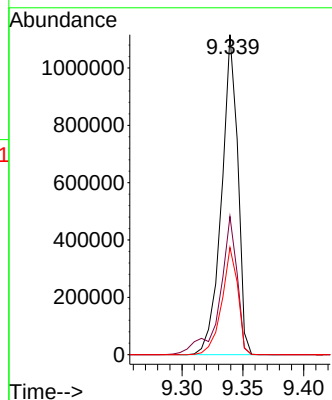
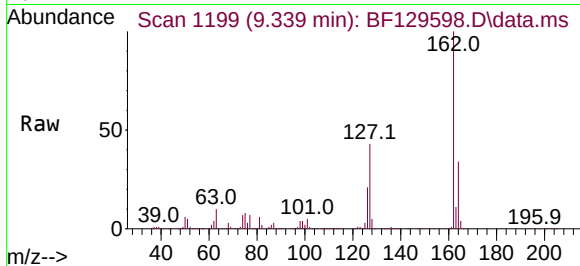




#47
2-Chloronaphthalene
Concen: 39.073 ng
RT: 9.339 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

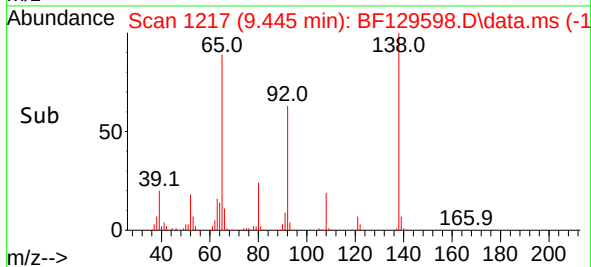
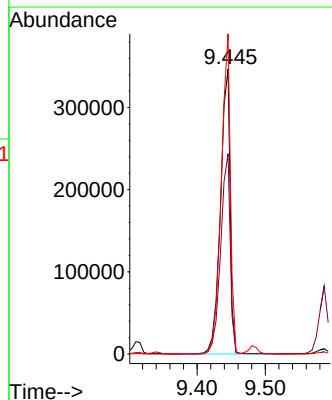
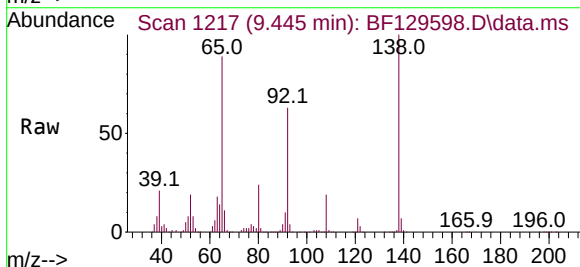
Instrument :
BNA_F
ClientSampleId :
PB146537BS

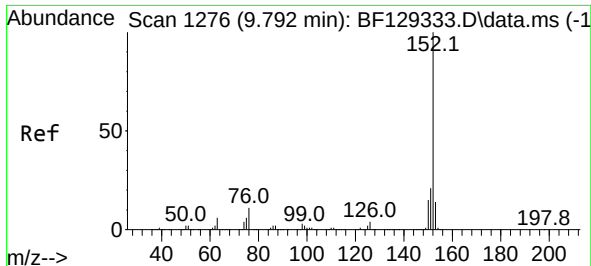
Tgt Ion:162 Resp: 1033590
Ion Ratio Lower Upper
162 100
127 43.2 34.5 51.7
164 33.5 26.5 39.7



#48
2-Nitroaniline
Concen: 38.817 ng
RT: 9.445 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion: 65 Resp: 341439
Ion Ratio Lower Upper
65 100
92 70.3 51.9 77.9
138 112.3 76.4 114.6

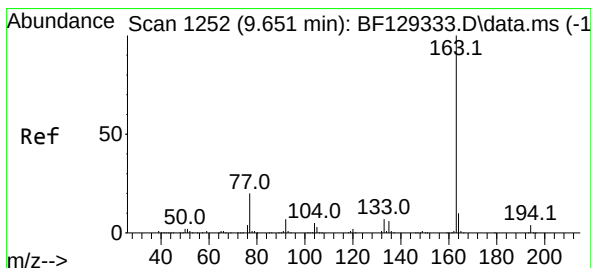
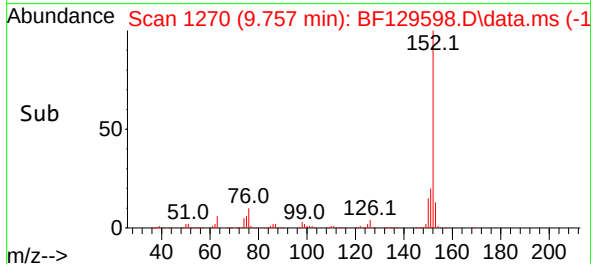
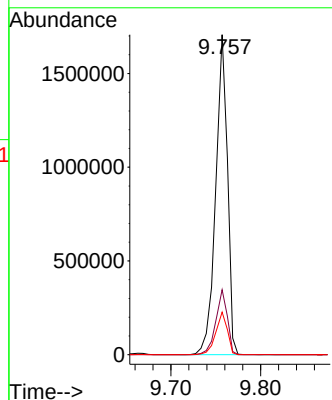
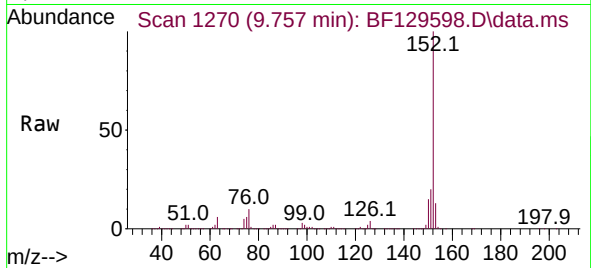




#49
Acenaphthylene
Concen: 38.566 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

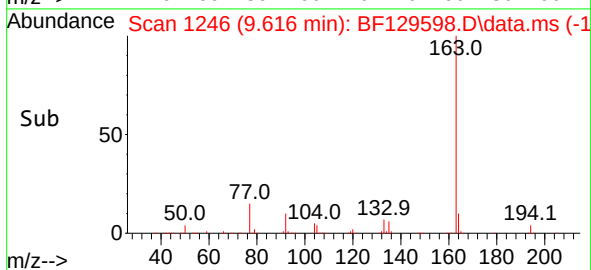
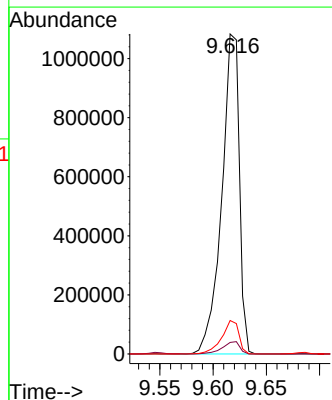
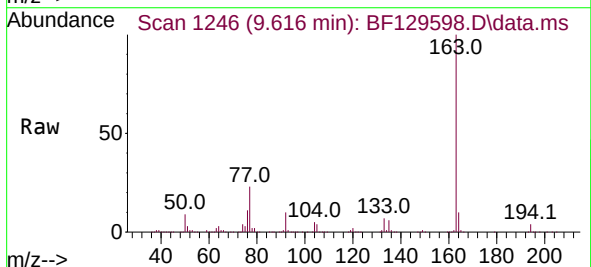
Instrument :
BNA_F
ClientSampleId :
PB146537BS

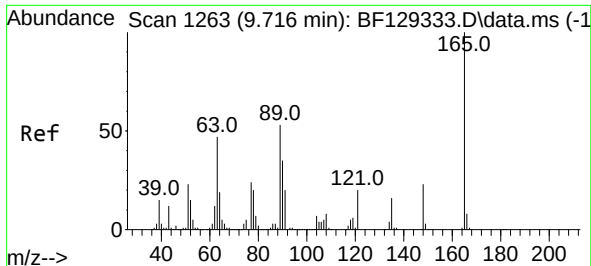
Tgt Ion:152 Resp: 1550148
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 40.173 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:163 Resp: 1243457
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 40.739 ng

RT: 9.686 min Scan# 1263

Delta R.T. 0.006 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

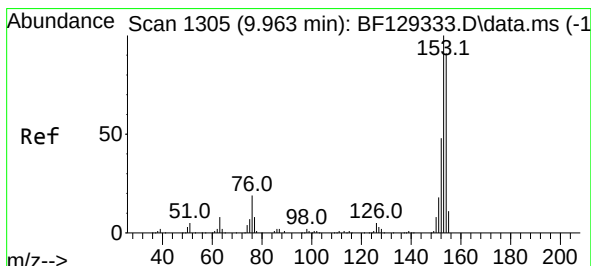
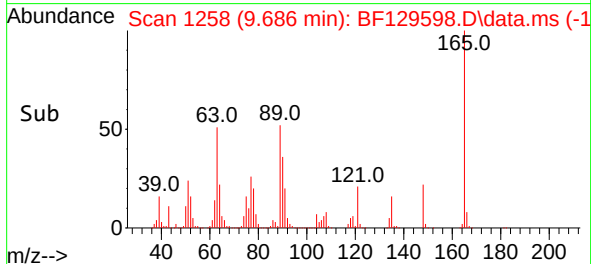
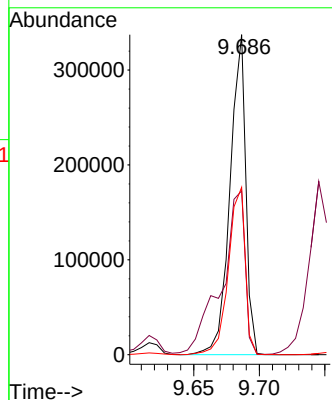
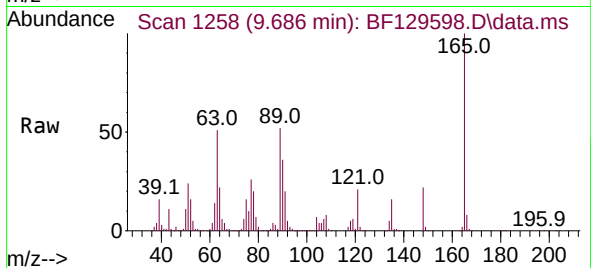
Tgt Ion:165 Resp: 282234

Ion Ratio Lower Upper

165 100

63 51.2 44.9 67.3

89 52.3 43.6 65.4



#52

Acenaphthene

Concen: 35.791 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

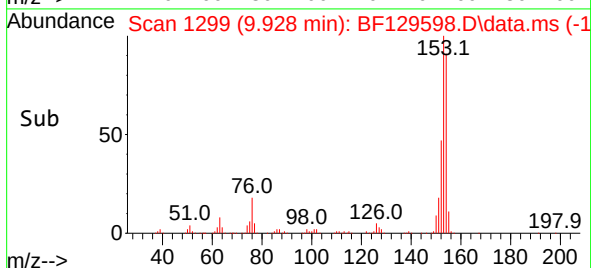
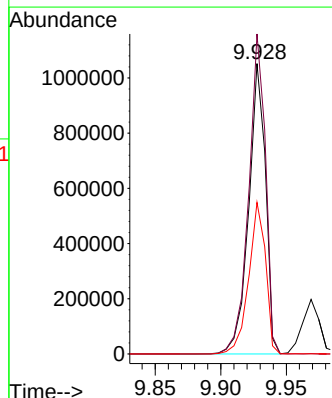
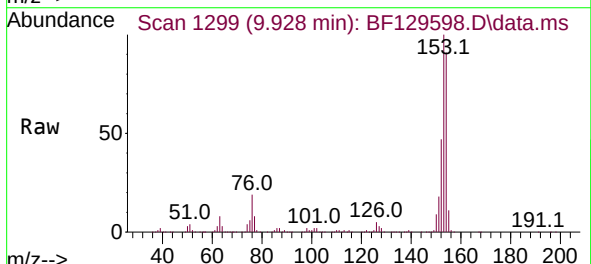
Tgt Ion:154 Resp: 939619

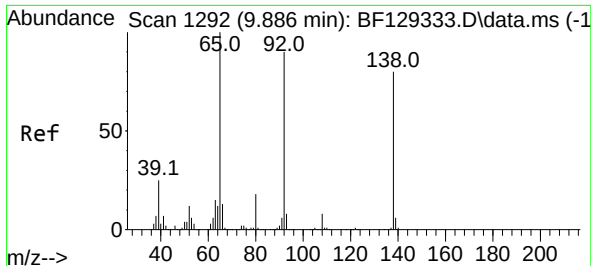
Ion Ratio Lower Upper

154 100

153 110.2 89.6 134.4

152 52.2 42.4 63.6

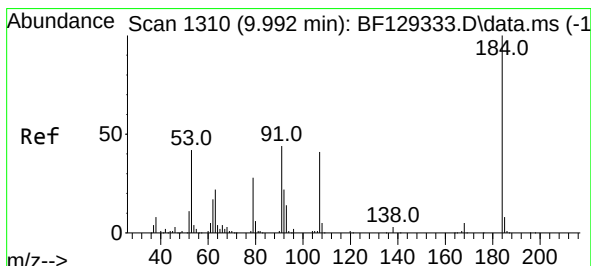
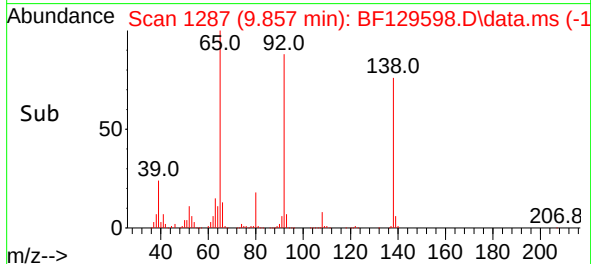
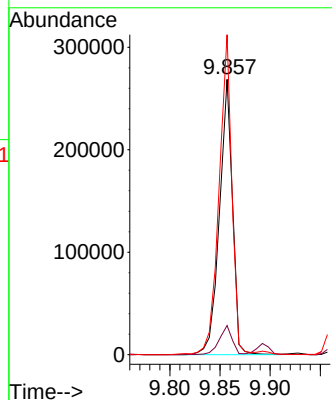
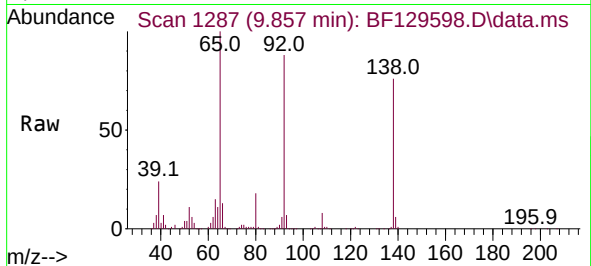




#53
3-Nitroaniline
Concen: 29.646 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

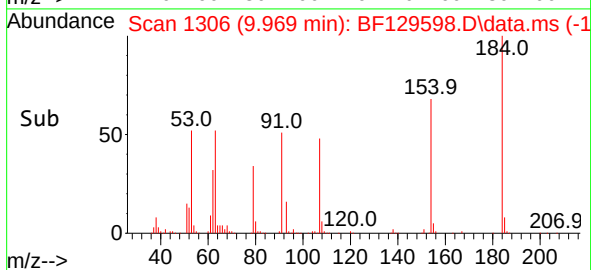
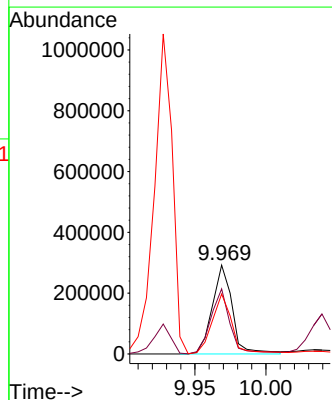
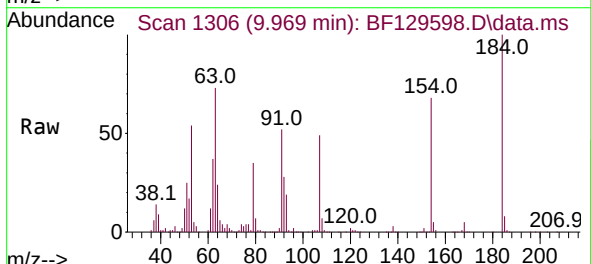
Instrument :
BNA_F
ClientSampleId :
PB146537BS

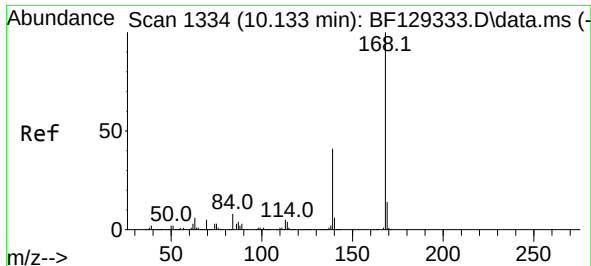
Tgt Ion:138 Resp: 242522
Ion Ratio Lower Upper
138 100
108 10.6 10.9 16.3#
92 116.2 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 80.639 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:184 Resp: 285189
Ion Ratio Lower Upper
184 100
63 73.3 64.5 96.7
154 67.6 50.6 75.8

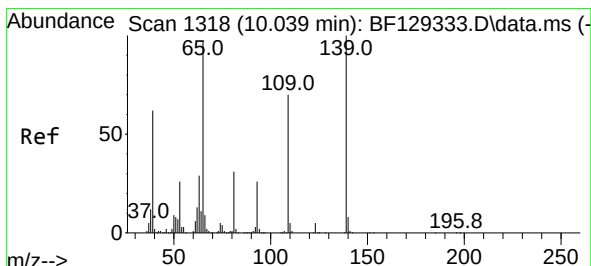
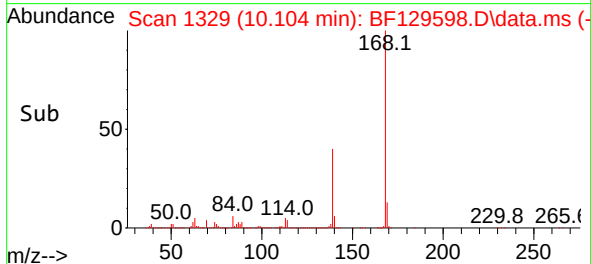
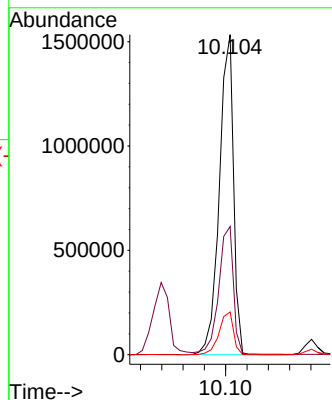
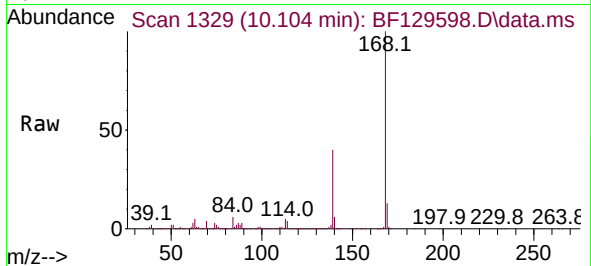




#55
Dibenzenofuran
Concen: 38.909 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

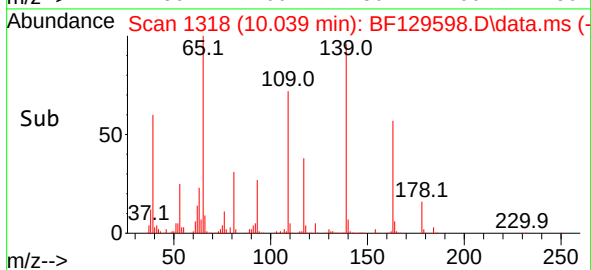
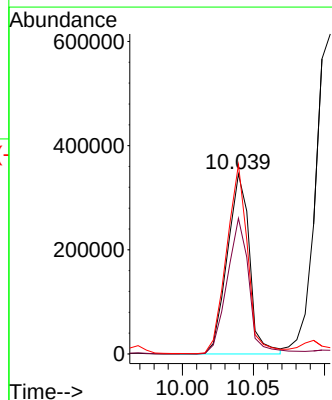
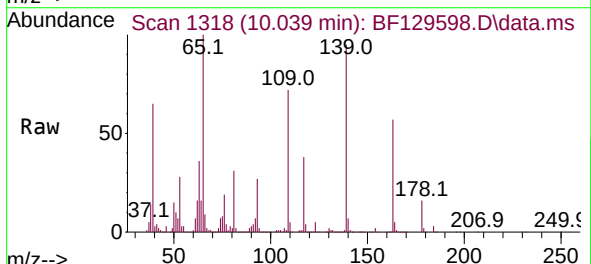
Instrument :
BNA_F
ClientSampleId :
PB146537BS

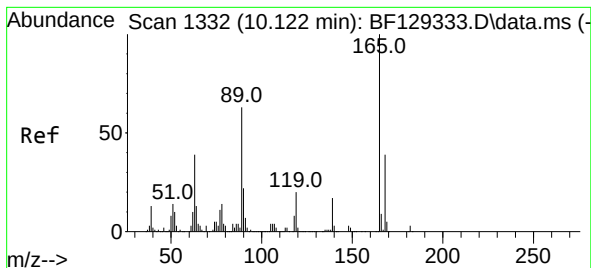
Tgt Ion:168 Resp: 1408115
Ion Ratio Lower Upper
168 100
139 40.1 30.6 46.0
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 62.522 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:139 Resp: 377336
Ion Ratio Lower Upper
139 100
109 75.4 50.7 90.7
65 105.3 74.5 114.5

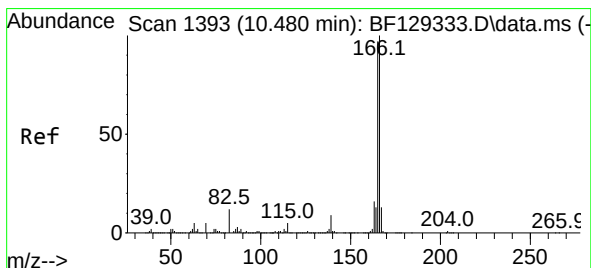
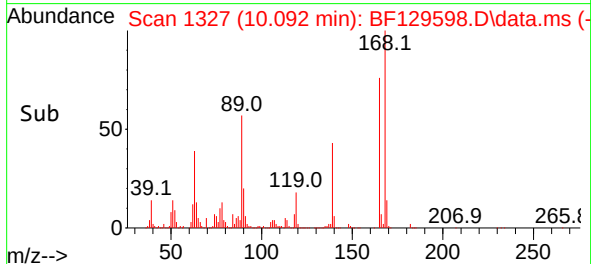
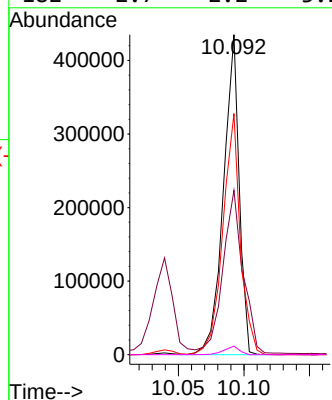
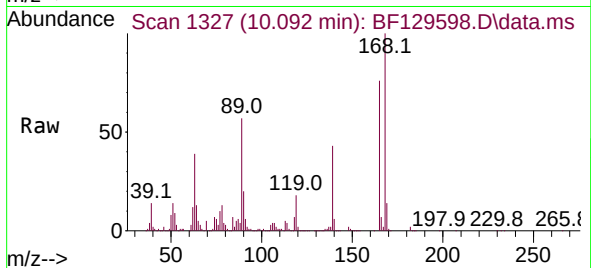




#57
2,4-Dinitrotoluene
Concen: 40.048 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

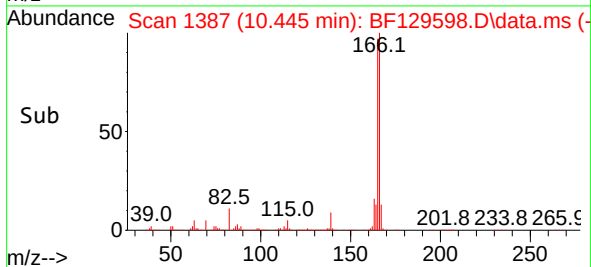
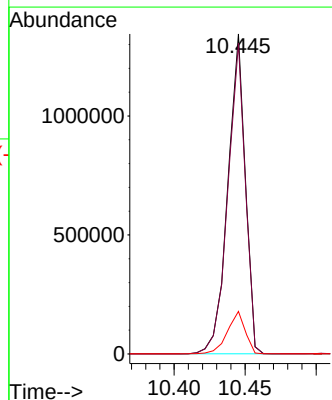
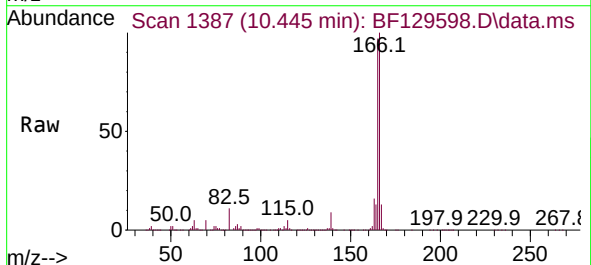
Instrument :
BNA_F
ClientSampleId :
PB146537BS

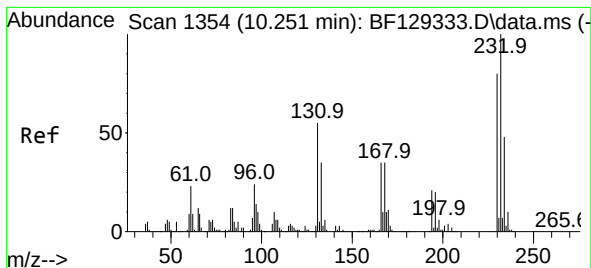
Tgt Ion:165 Resp: 362444
Ion Ratio Lower Upper
165 100
63 51.3 39.8 59.6
89 75.4 60.2 90.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.626 ng
RT: 10.445 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:166 Resp: 1147426
Ion Ratio Lower Upper
166 100
165 97.0 78.1 117.1
167 13.3 10.5 15.7

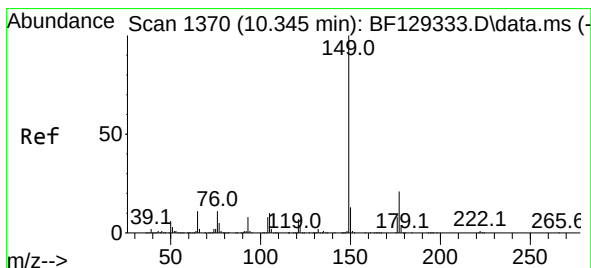
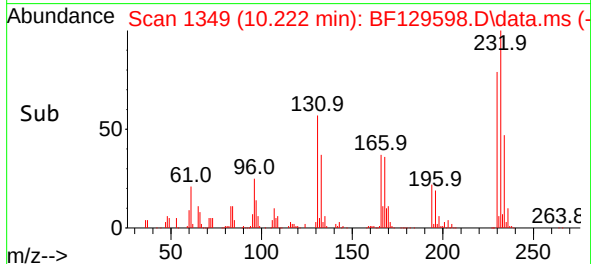
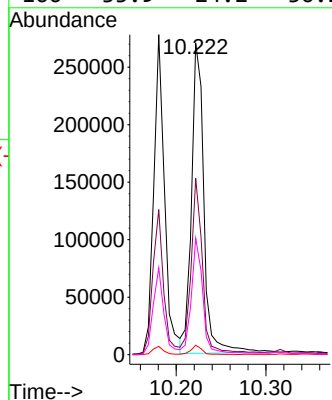
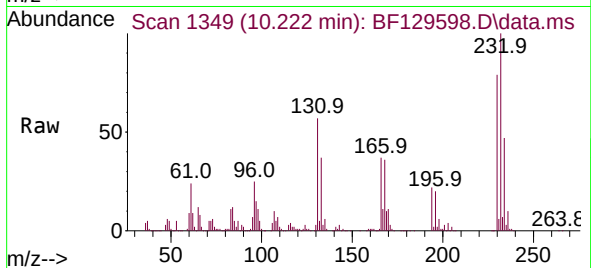




#59
2,3,4,6-Tetrachlorophenol
Concen: 36.079 ng
RT: 10.222 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

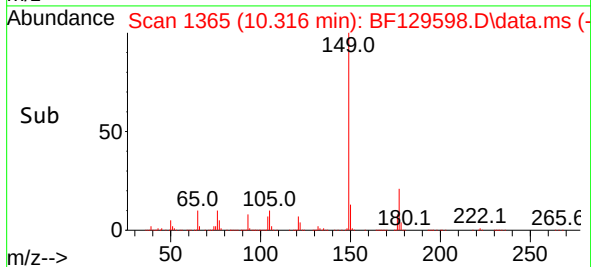
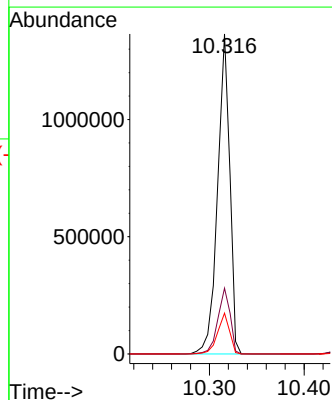
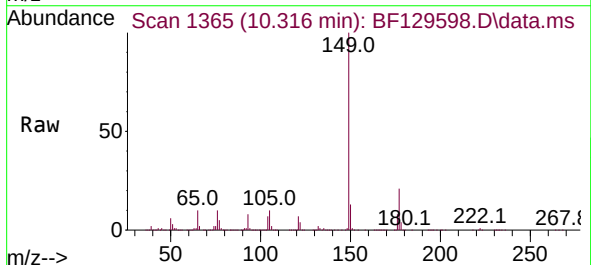
Instrument :
BNA_F
ClientSampleId :
PB146537BS

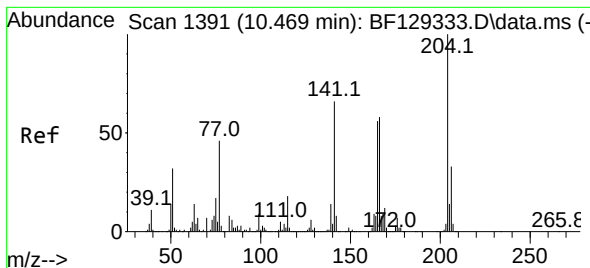
Tgt Ion:232 Resp: 259271
Ion Ratio Lower Upper
232 100
131 50.7 36.1 54.1
130 2.6 1.8 2.8
166 33.9 24.2 36.2



#60
Diethylphthalate
Concen: 40.568 ng
RT: 10.316 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:149 Resp: 1213846
Ion Ratio Lower Upper
149 100
177 20.5 17.3 25.9
150 12.7 10.2 15.2

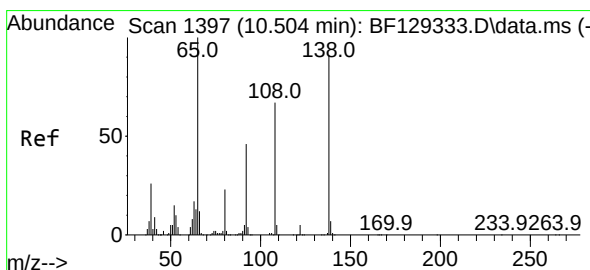
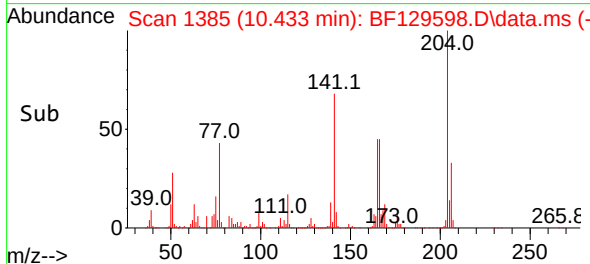
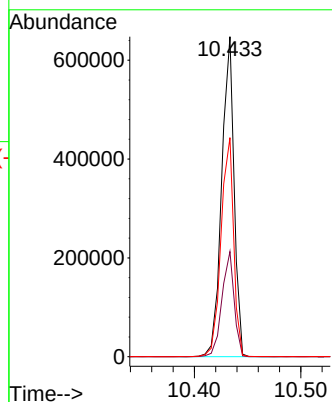
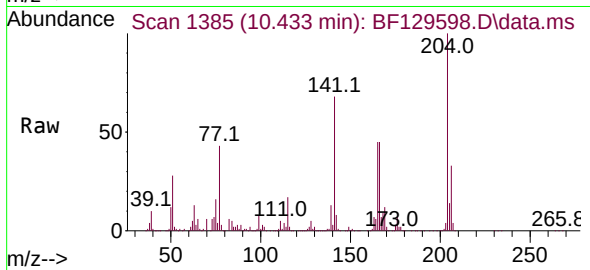




#61
4-Chlorophenyl-phenylether
Concen: 40.939 ng
RT: 10.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

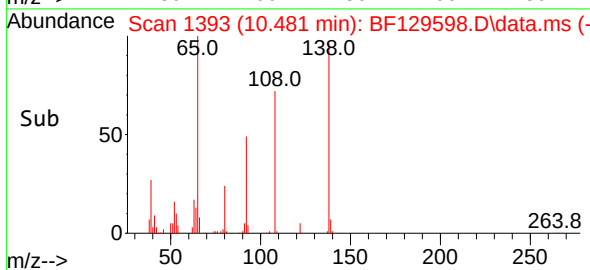
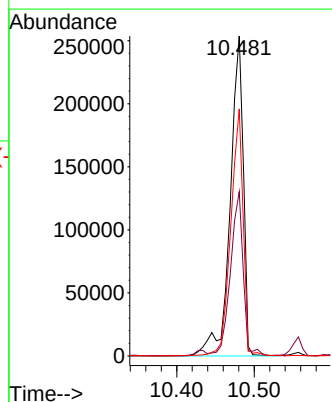
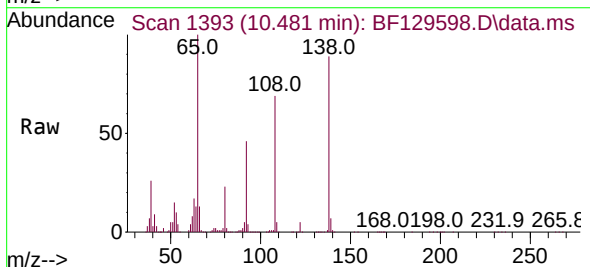
Instrument :
BNA_F
ClientSampleId :
PB146537BS

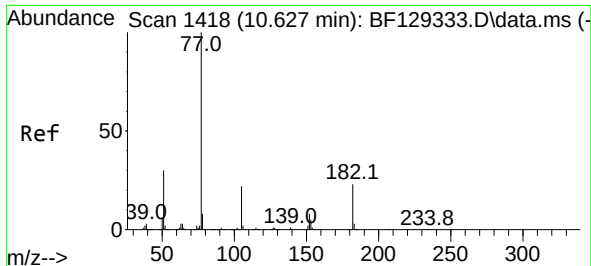
Tgt Ion:204 Resp: 522625
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 68.4 47.0 70.4



#62
4-Nitroaniline
Concen: 36.945 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:138 Resp: 299820
Ion Ratio Lower Upper
138 100
92 51.3 33.5 73.5
108 77.2 61.0 101.0

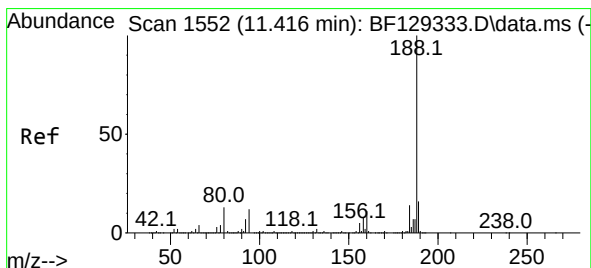
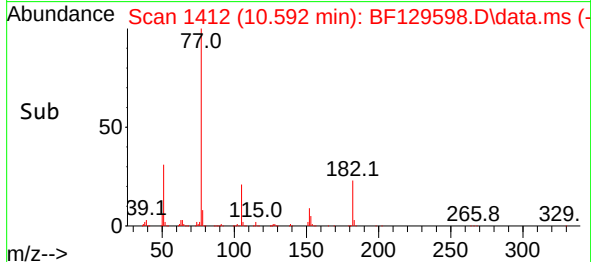
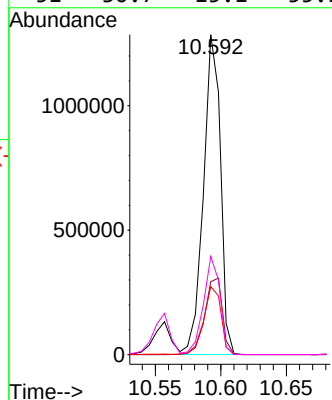
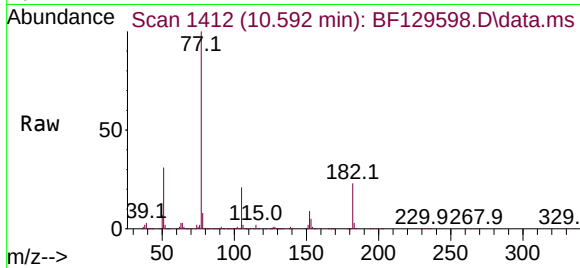




#63
Azobenzene
Concen: 38.009 ng
RT: 10.592 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

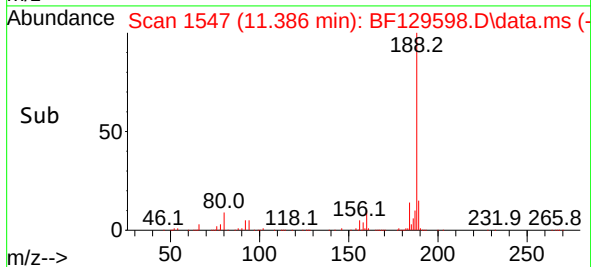
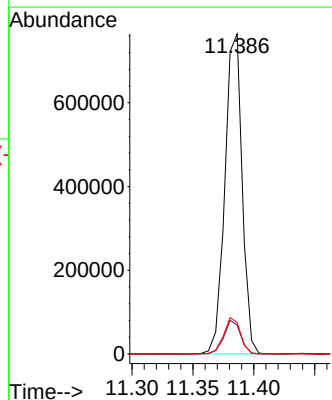
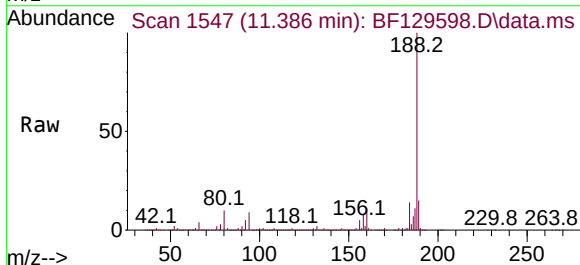
Instrument :
BNA_F
ClientSampleId :
PB146537BS

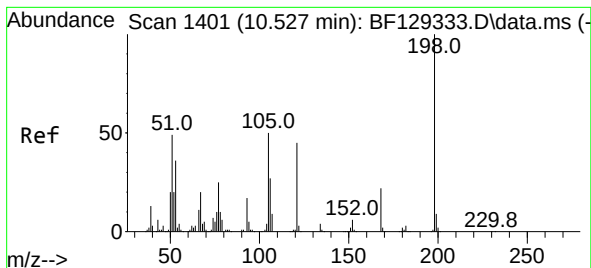
Tgt Ion: 77 Resp: 1160000
Ion Ratio Lower Upper
77 100
182 22.8 5.6 45.6
105 21.3 1.6 41.6
51 30.7 15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion: 188 Resp: 754874
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.8 7.6 11.4

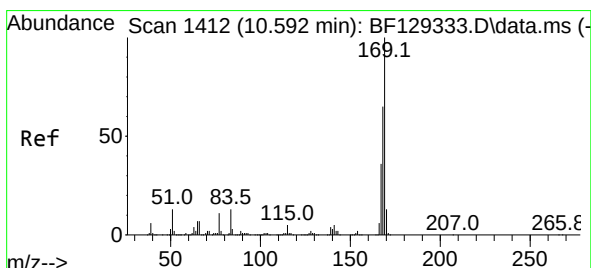
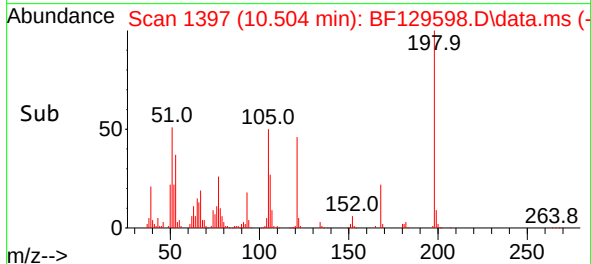
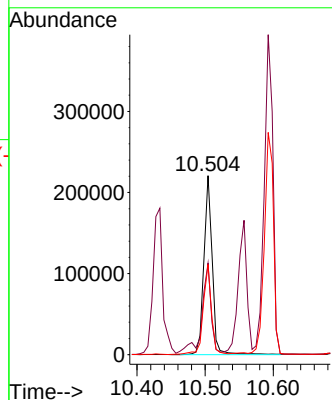
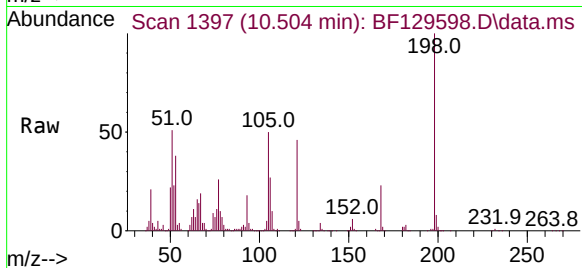




#65
4,6-Dinitro-2-methylphenol
Concen: 39.686 ng
RT: 10.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

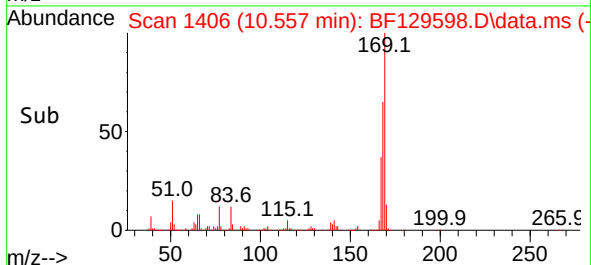
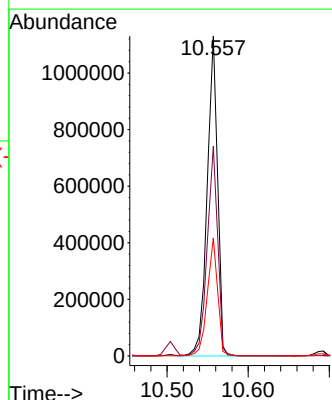
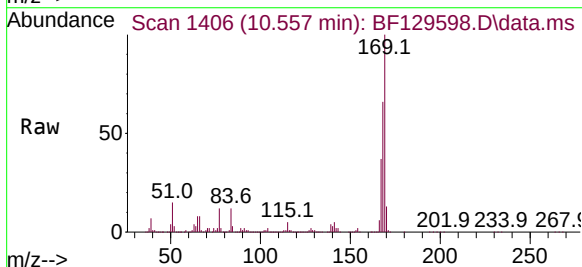
Instrument :
BNA_F
ClientSampleId :
PB146537BS

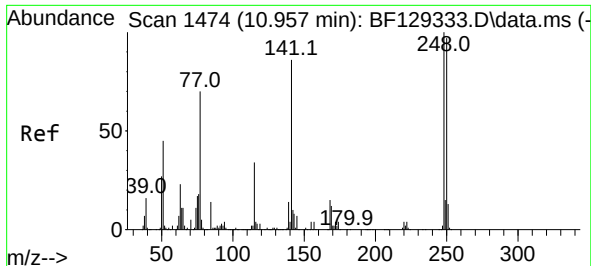
Tgt Ion:198 Resp: 189085
Ion Ratio Lower Upper
198 100
51 51.2 37.6 77.6
105 50.4 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 39.876 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:169 Resp: 1002456
Ion Ratio Lower Upper
169 100
168 65.5 50.1 75.1
167 36.9 27.9 41.9

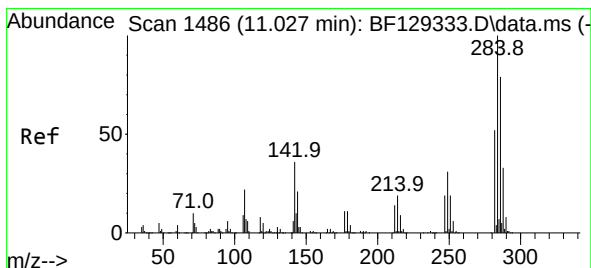
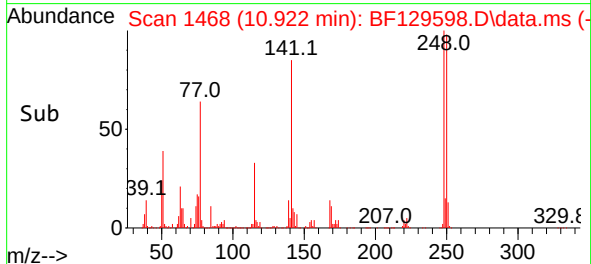
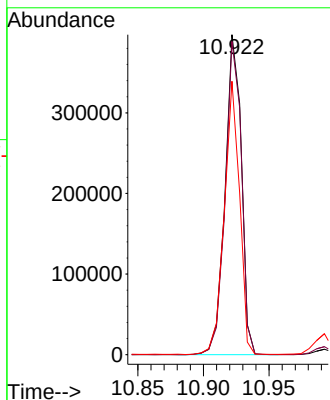
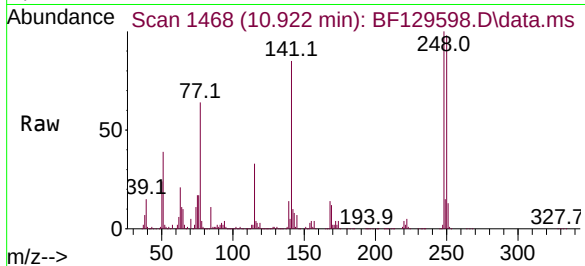




#67
4-Bromophenyl-phenylether
Concen: 41.317 ng
RT: 10.922 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

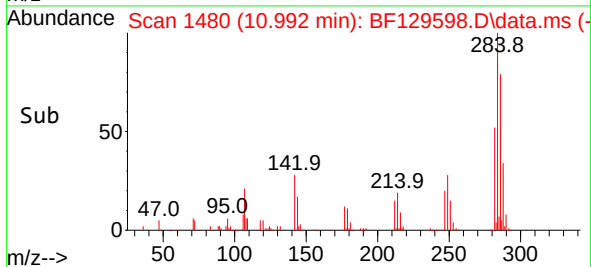
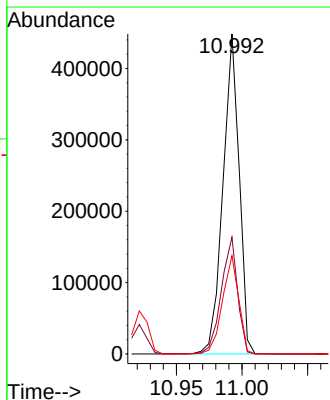
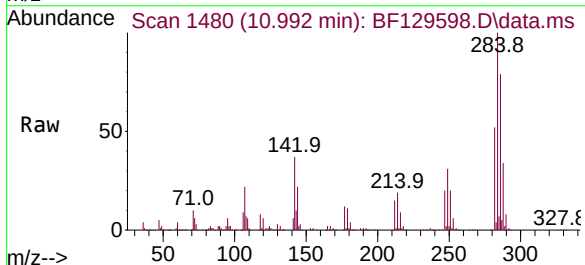
Instrument :
BNA_F
ClientSampleId :
PB146537BS

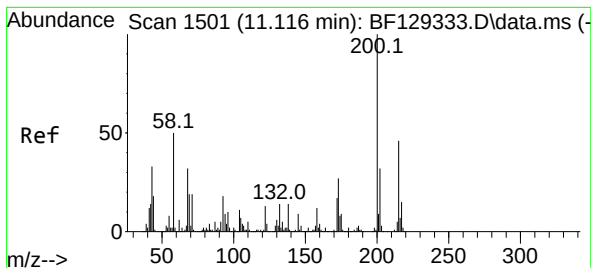
Tgt Ion:248 Resp: 341535
Ion Ratio Lower Upper
248 100
250 97.9 80.6 120.8
141 85.4 58.9 88.3



#68
Hexachlorobenzene
Concen: 42.803 ng
RT: 10.992 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:284 Resp: 383365
Ion Ratio Lower Upper
284 100
142 36.5 29.0 43.4
249 30.7 25.0 37.6





#69

Atrazine

Concen: 43.688 ng

RT: 11.086 min Scan# 1496

Delta R.T. 0.006 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

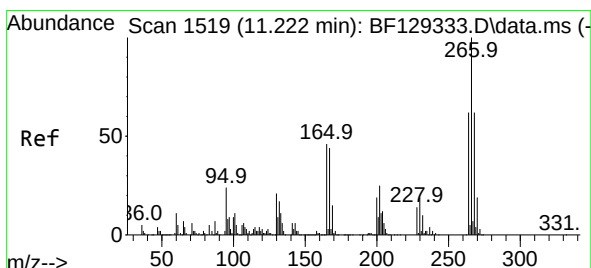
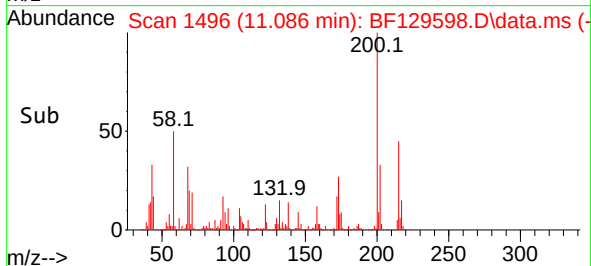
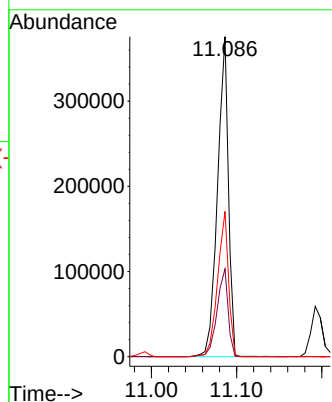
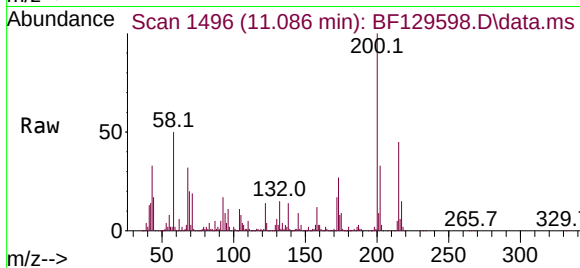
Tgt Ion:200 Resp: 333595

Ion Ratio Lower Upper

200 100

173 27.5 6.3 46.3

215 45.4 28.3 68.3



#70

Pentachlorophenol

Concen: 63.146 ng

RT: 11.192 min Scan# 1514

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

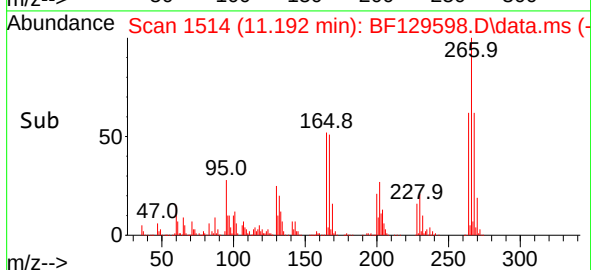
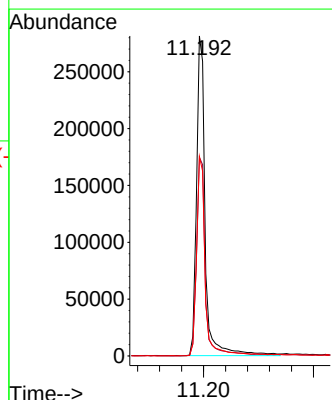
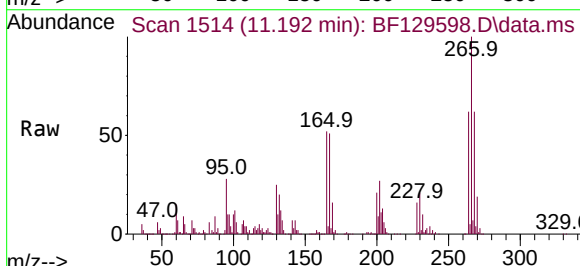
Tgt Ion:266 Resp: 307460

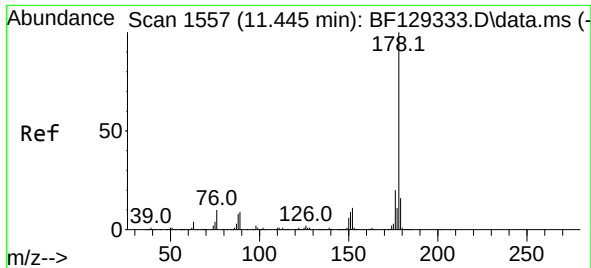
Ion Ratio Lower Upper

266 100

268 62.1 51.0 76.4

264 62.4 49.4 74.2

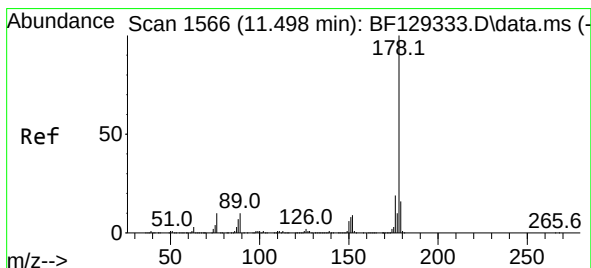
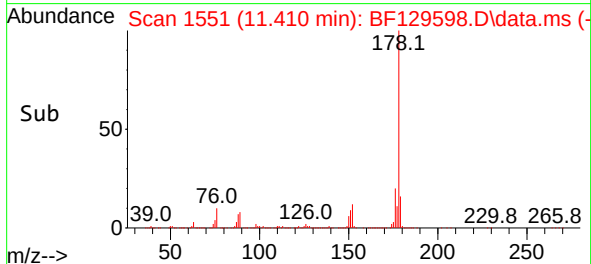
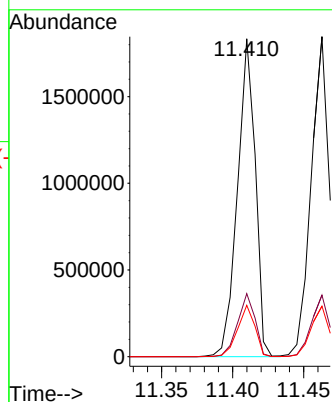
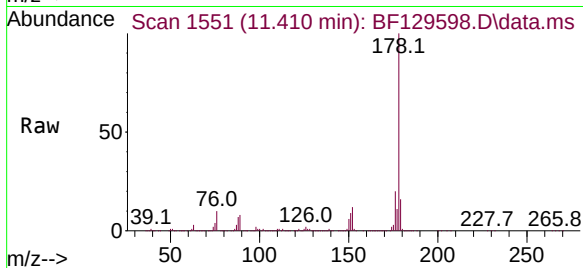




#71
Phenanthrene
Concen: 38.993 ng
RT: 11.410 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

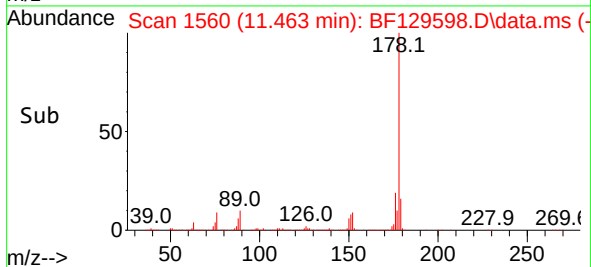
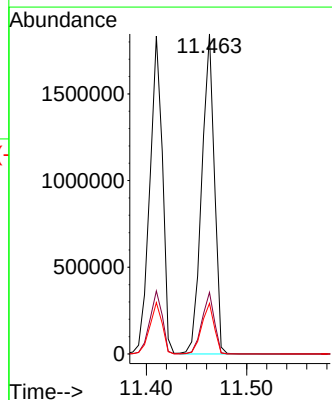
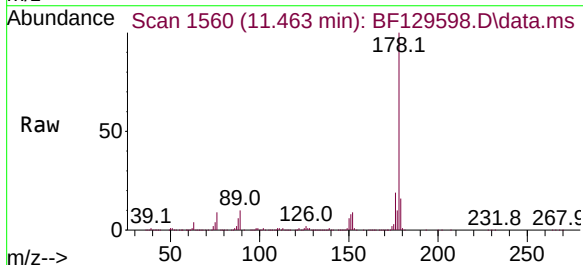
Instrument :
BNA_F
ClientSampleId :
PB146537BS

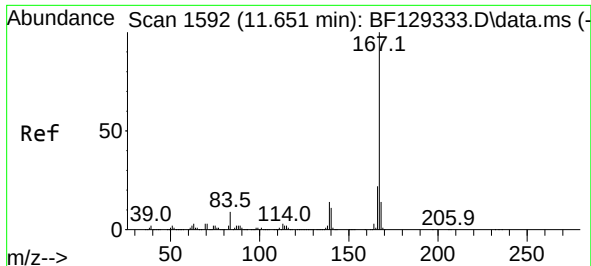
Tgt Ion:178 Resp: 1606759
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.1 12.6 19.0



#72
Anthracene
Concen: 39.979 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:178 Resp: 1618910
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.8 12.6 19.0

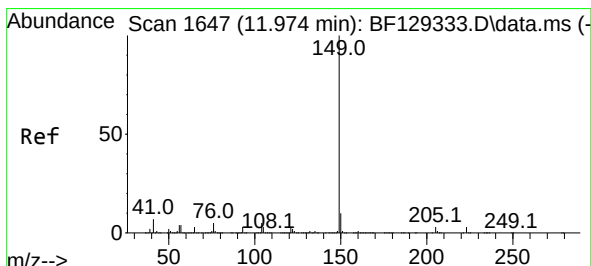
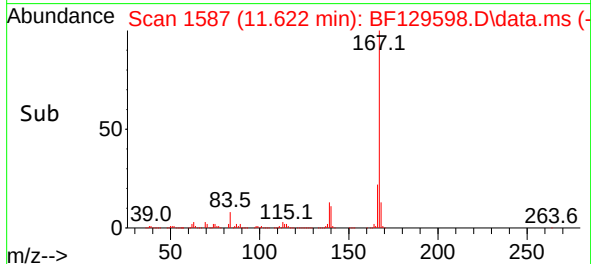
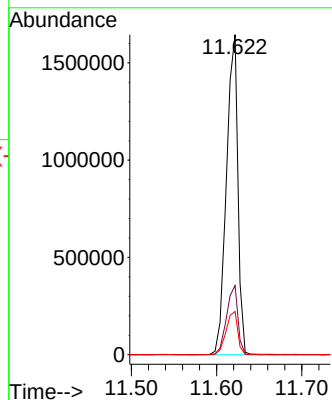
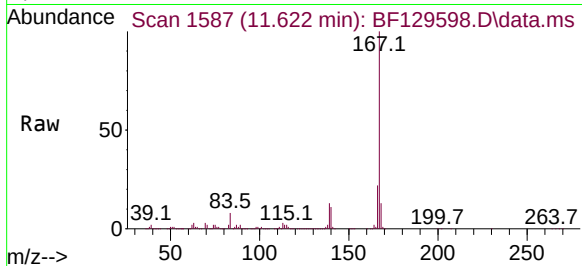




#73
 Carbazole
 Concen: 40.232 ng
 RT: 11.622 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF129598.D
 Acq: 05 Aug 2022 13:08

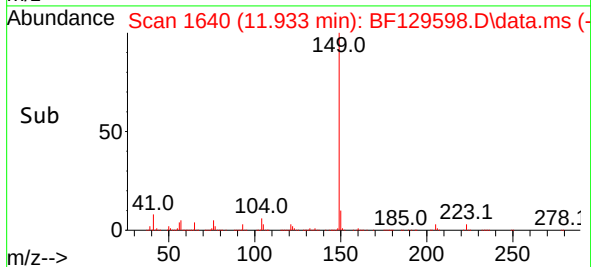
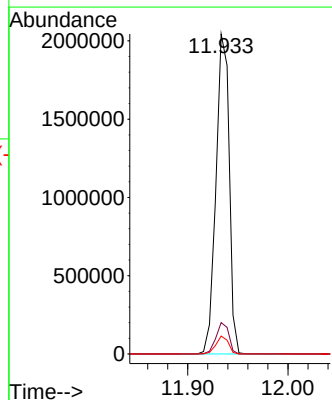
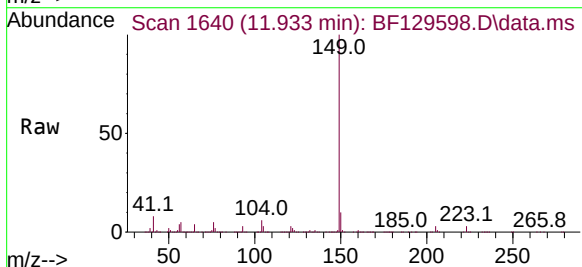
Instrument :
 BNA_F
 ClientSampleId :
 PB146537BS

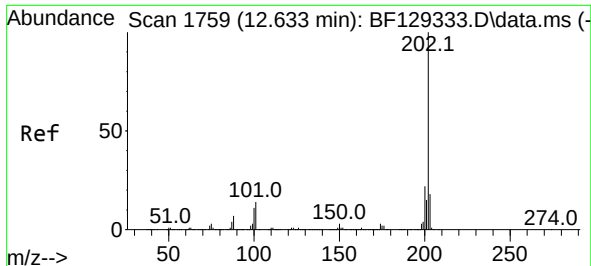
Tgt Ion:167 Resp: 1533613
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 13.5 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 41.295 ng
 RT: 11.933 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: BF129598.D
 Acq: 05 Aug 2022 13:08

Tgt Ion:149 Resp: 1874587
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.5 11.3
 104 5.6 4.4 6.6

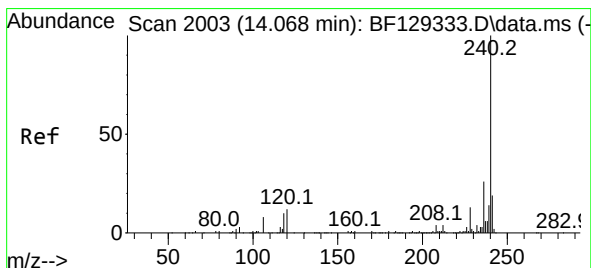
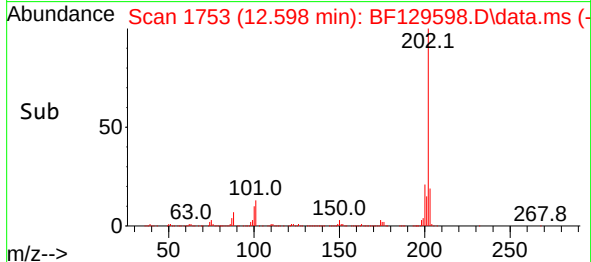
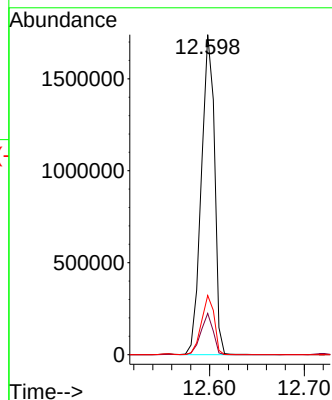
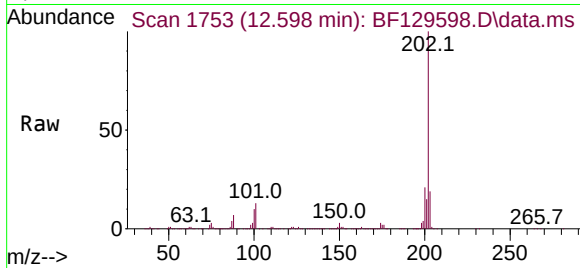




#75
Fluoranthene
Concen: 40.269 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

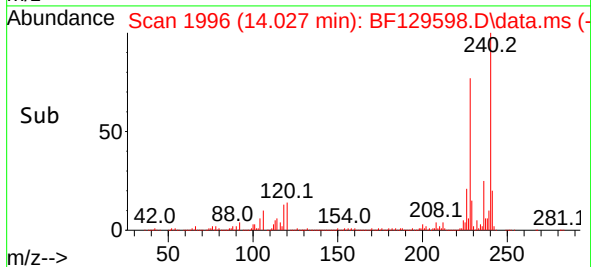
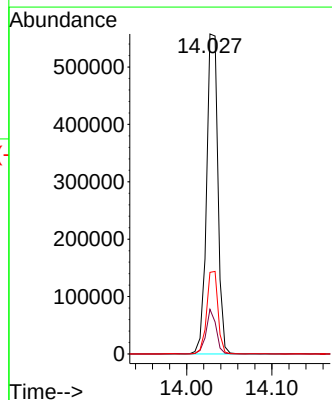
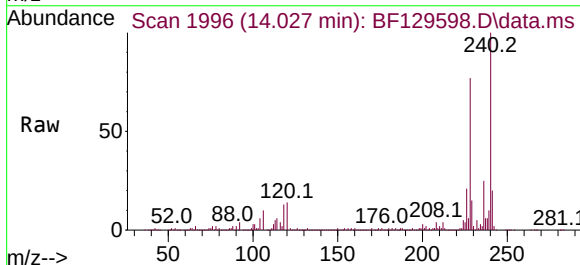
Instrument :
BNA_F
ClientSampleId :
PB146537BS

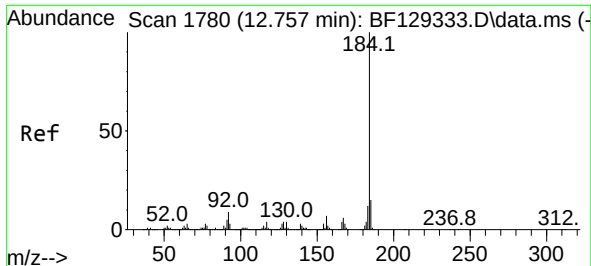
Tgt Ion:202 Resp: 1681300
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.4
203 18.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:240 Resp: 513963
Ion Ratio Lower Upper
240 100
120 14.0 8.9 13.3#
236 25.5 20.8 31.2

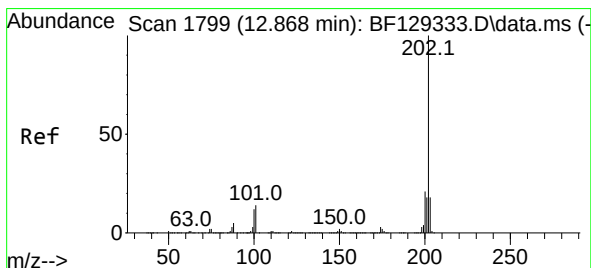
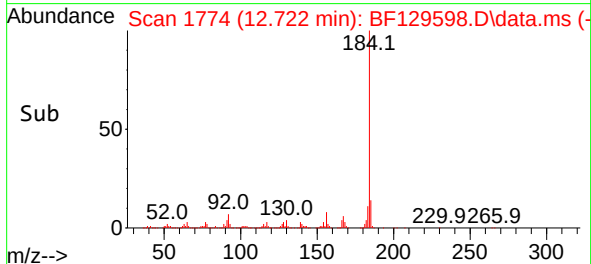
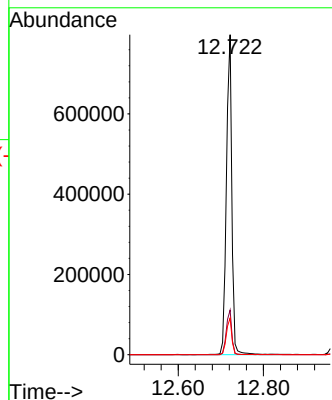
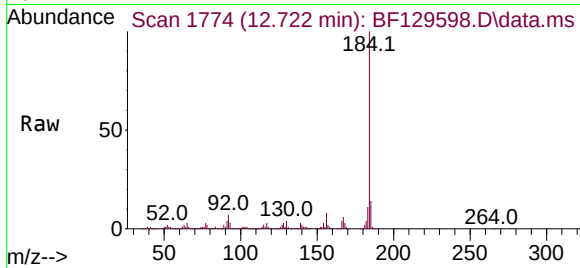




#77
Benzidine
Concen: 38.820 ng
RT: 12.722 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

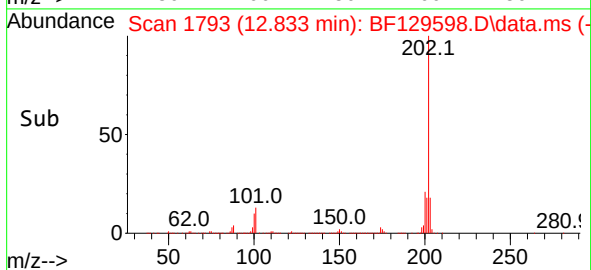
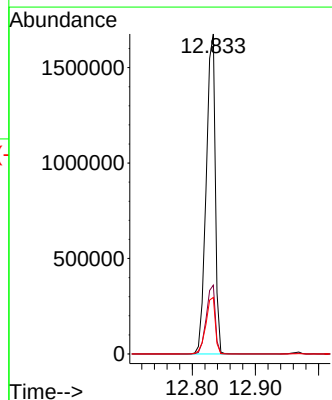
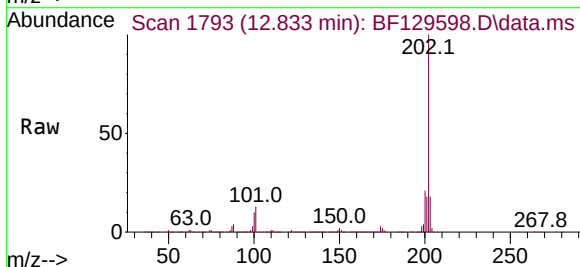
Instrument :
BNA_F
ClientSampleId :
PB146537BS

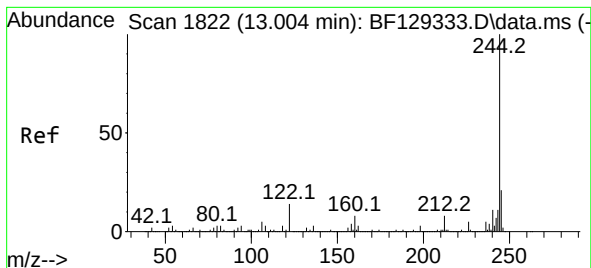
Tgt Ion:184 Resp: 704853
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.4 9.3 13.9



#78
Pyrene
Concen: 38.875 ng
RT: 12.833 min Scan# 1793
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:202 Resp: 1670815
Ion Ratio Lower Upper
202 100
200 21.5 17.7 26.5
203 17.6 14.6 21.8





#79

Terphenyl-d14

Concen: 82.914 ng

RT: 12.969 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

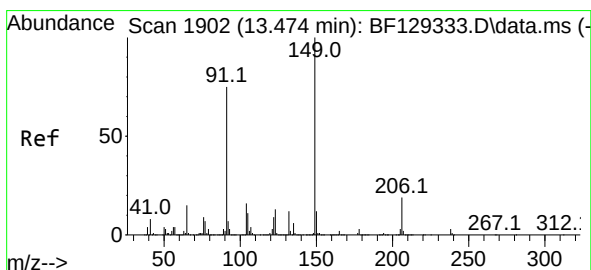
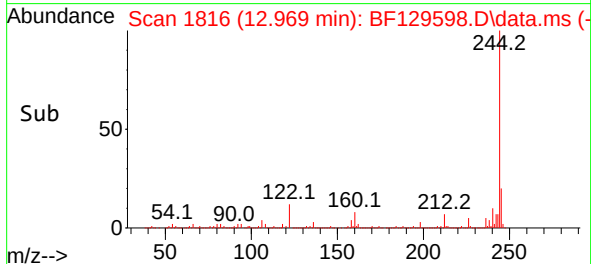
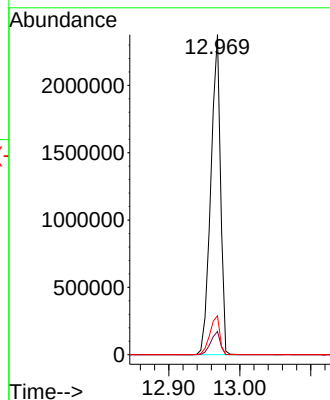
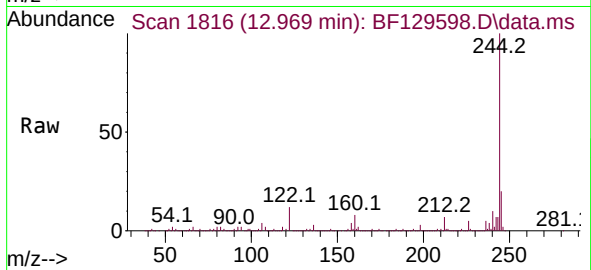
Tgt Ion:244 Resp: 2258826

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 12.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 41.969 ng

RT: 13.439 min Scan# 1896

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

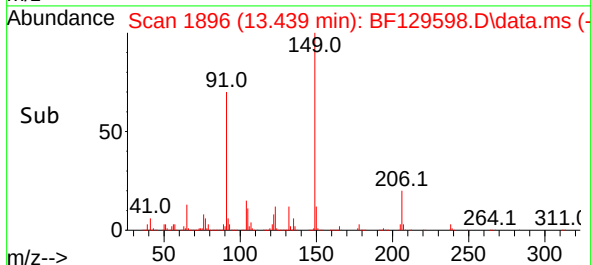
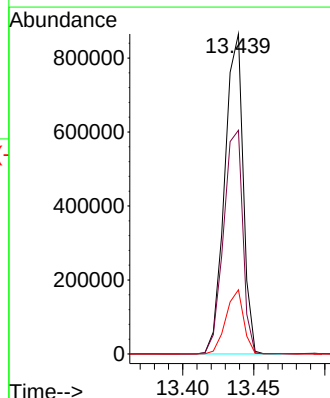
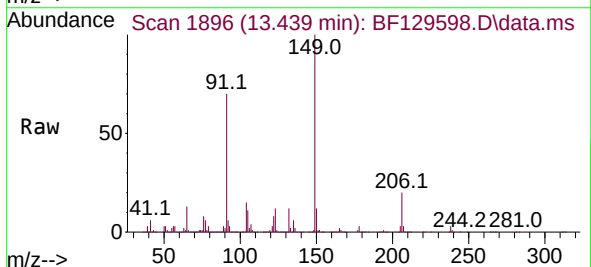
Tgt Ion:149 Resp: 782388

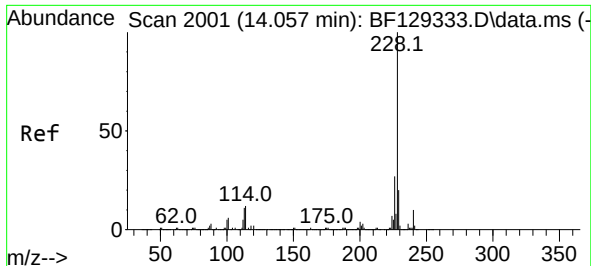
Ion Ratio Lower Upper

149 100

91 69.9 61.2 91.8

206 20.1 15.7 23.5

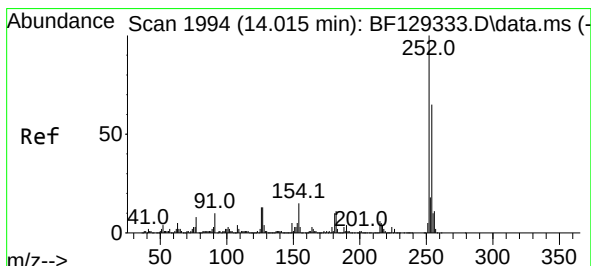
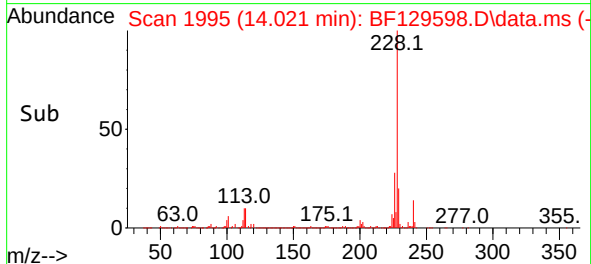
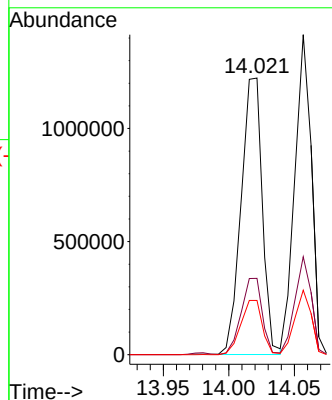
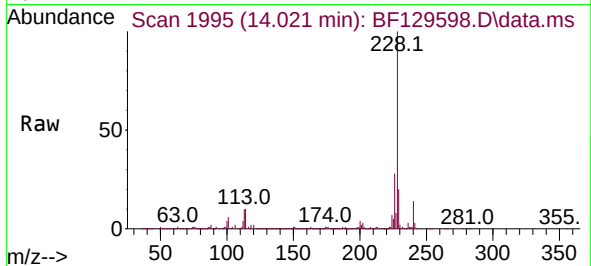




#81
Benzo(a)anthracene
Concen: 39.384 ng
RT: 14.021 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

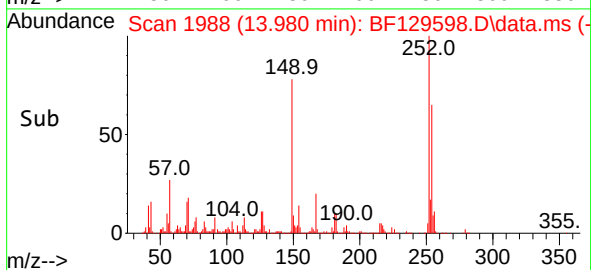
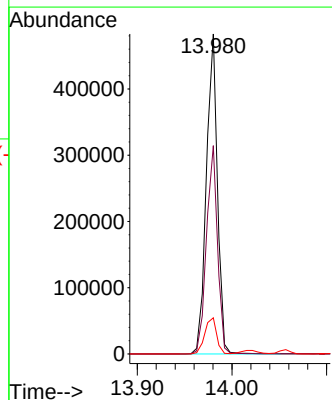
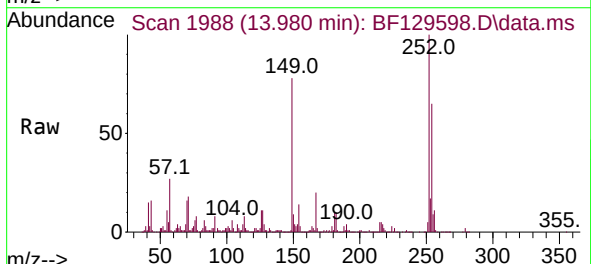
Instrument :
BNA_F
ClientSampleId :
PB146537BS

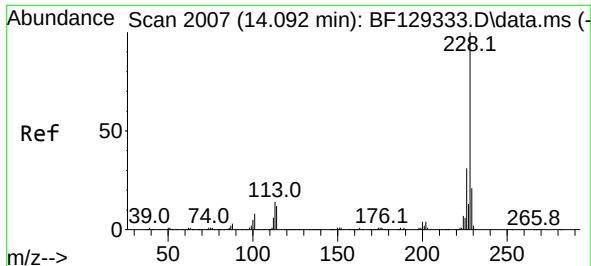
Tgt Ion:228 Resp: 1382734
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 33.891 ng
RT: 13.980 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:252 Resp: 392852
Ion Ratio Lower Upper
252 100
254 65.1 50.2 75.4
126 11.3 8.2 12.4

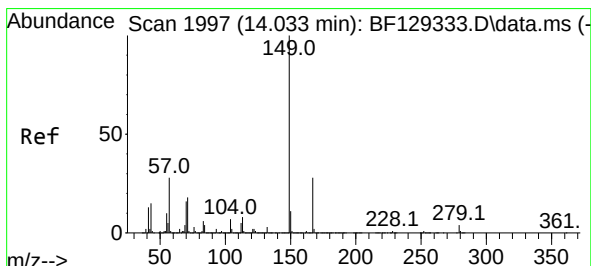
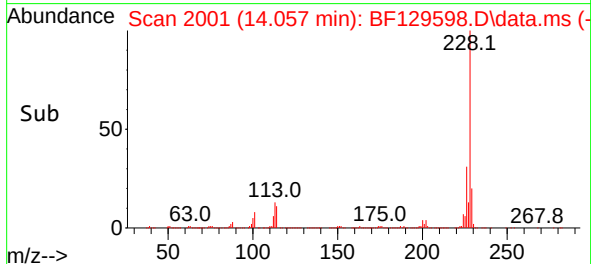
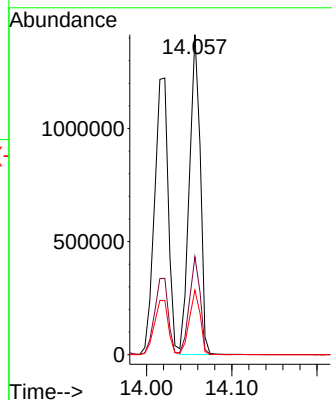
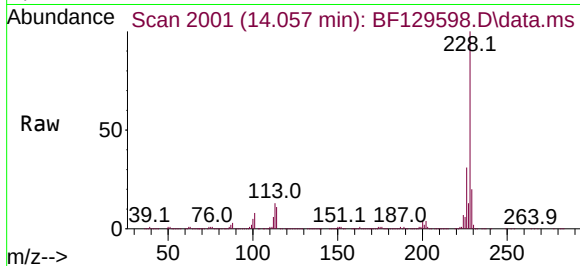




#83
Chrysene
Concen: 37.700 ng
RT: 14.057 min Scan# 2007
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

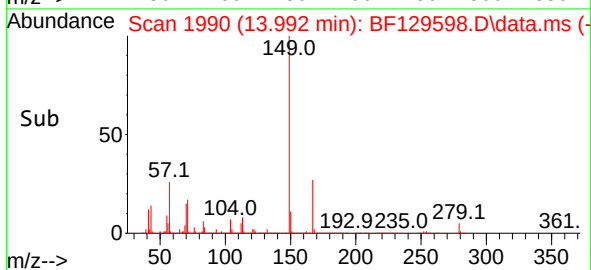
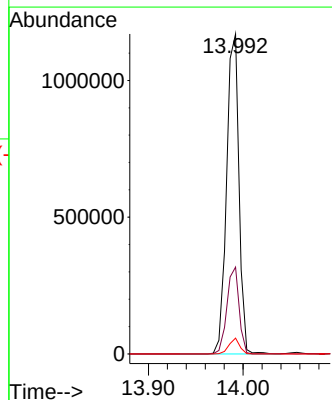
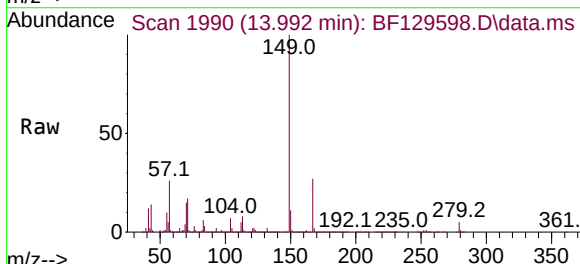
Instrument :
BNA_F
ClientSampleId :
PB146537BS

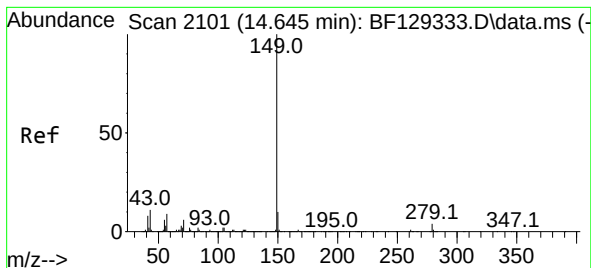
Tgt Ion:228 Resp: 1247437
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 20.1 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.437 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:149 Resp: 1066071
Ion Ratio Lower Upper
149 100
167 27.2 21.0 31.4
279 5.0 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 44.051 ng

RT: 14.604 min Scan# 2094

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

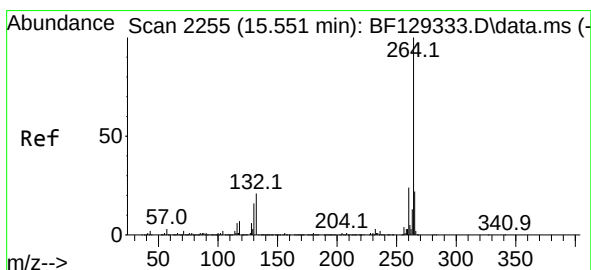
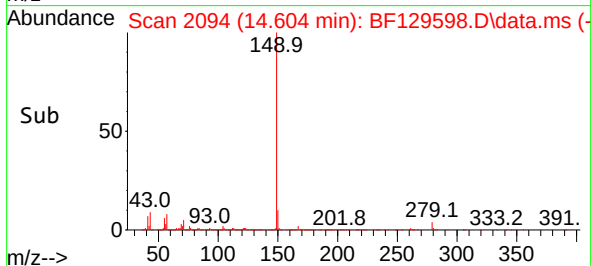
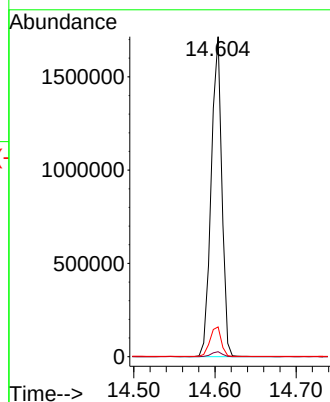
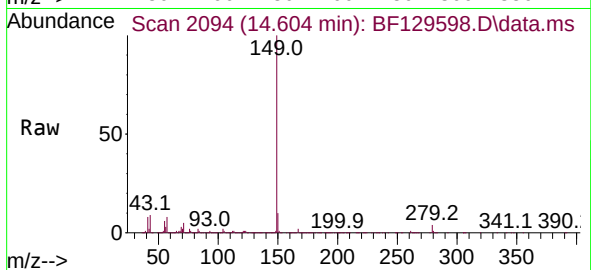
Tgt Ion:149 Resp: 1555794

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.8 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

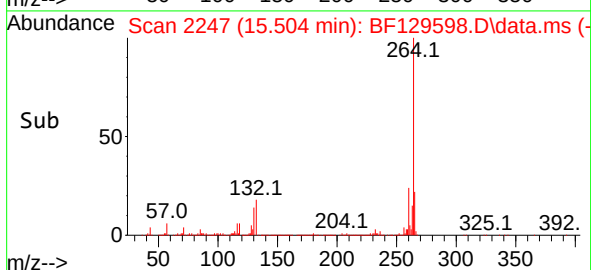
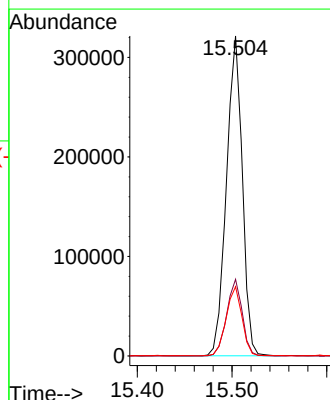
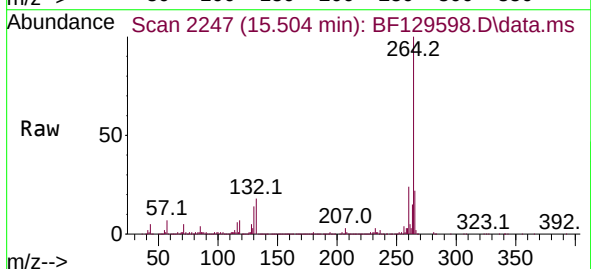
Tgt Ion:264 Resp: 374369

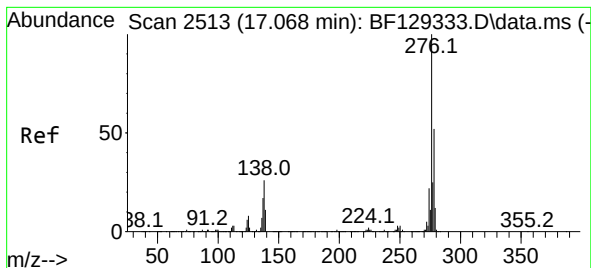
Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.7 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.821 ng

RT: 16.998 min Scan# 2174

Delta R.T. 0.000 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

Instrument :

BNA_F

ClientSampleId :

PB146537BS

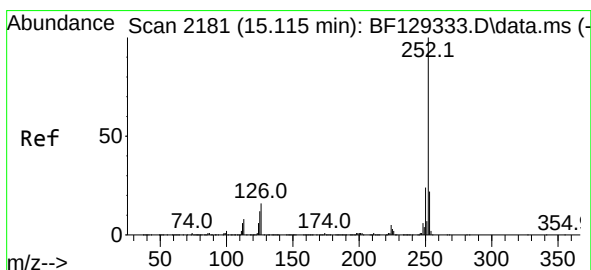
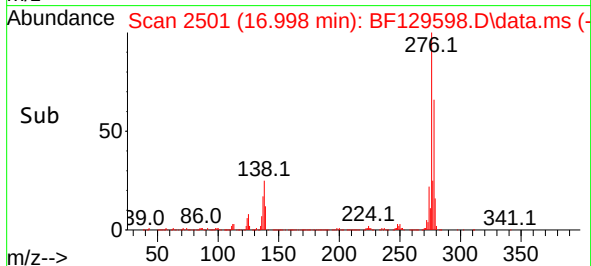
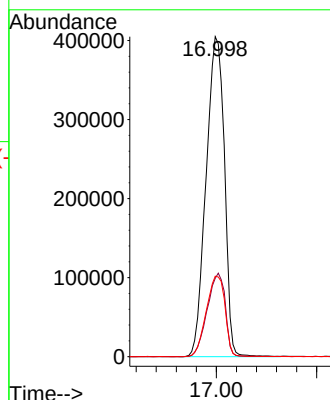
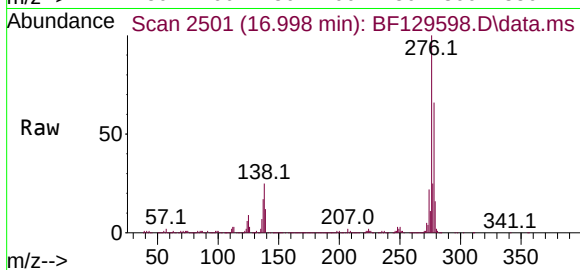
Tgt Ion:276 Resp: 1029119

Ion Ratio Lower Upper

276 100

138 25.8 21.1 31.7

277 25.7 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.668 ng

RT: 15.074 min Scan# 2174

Delta R.T. 0.006 min

Lab File: BF129598.D

Acq: 05 Aug 2022 13:08

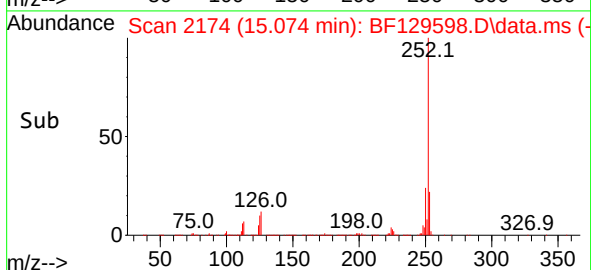
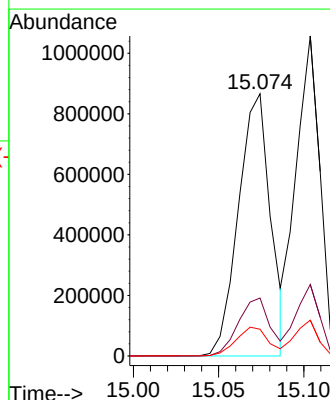
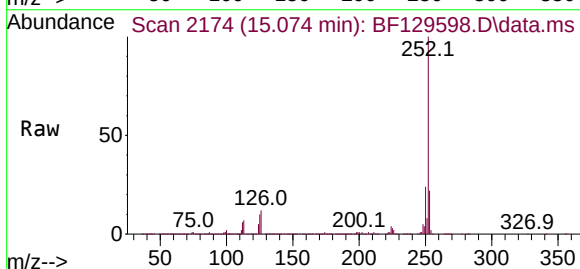
Tgt Ion:252 Resp: 1134074

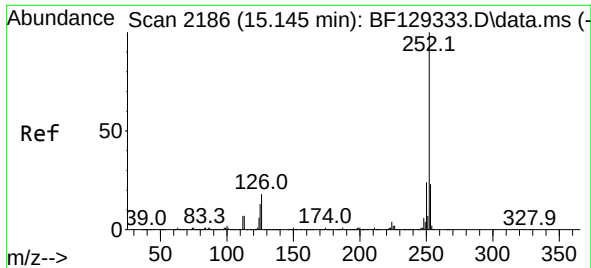
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.2 8.0 12.0

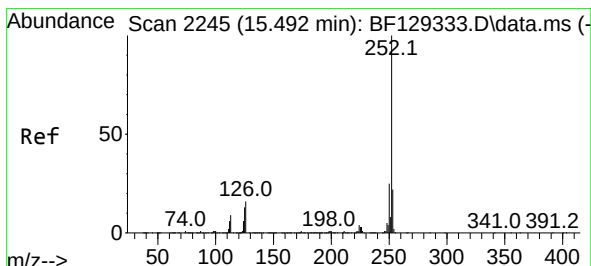
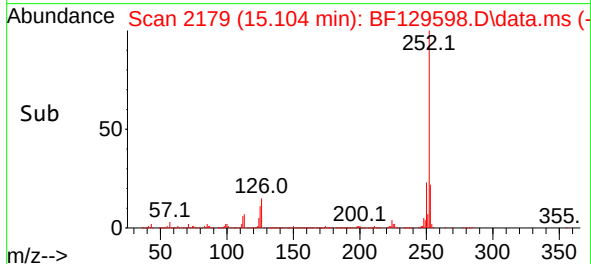
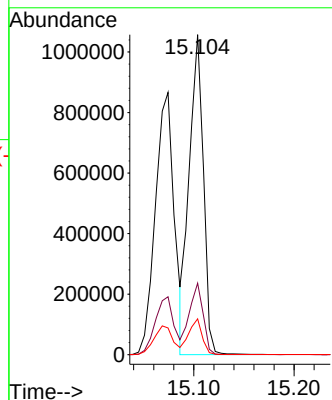
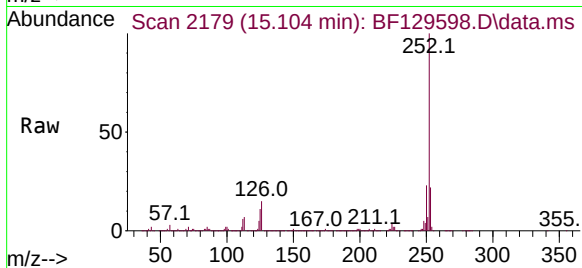




#89
Benzo(k)fluoranthene
Concen: 42.750 ng
RT: 15.104 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

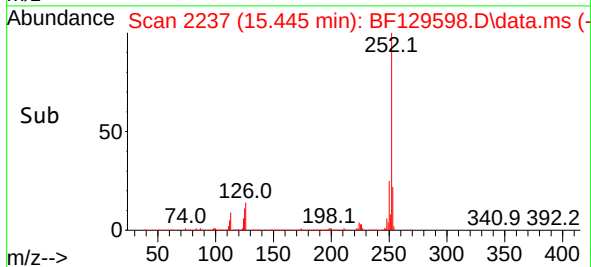
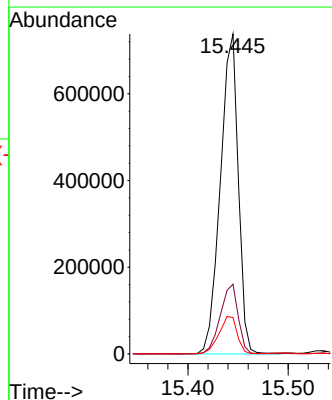
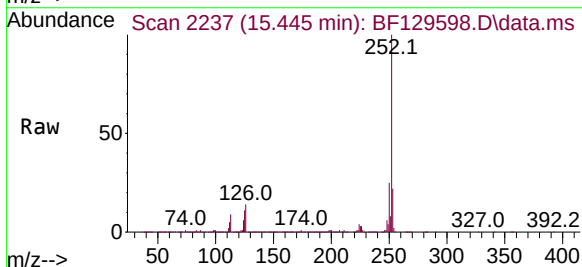
Instrument :
BNA_F
ClientSampleId :
PB146537BS

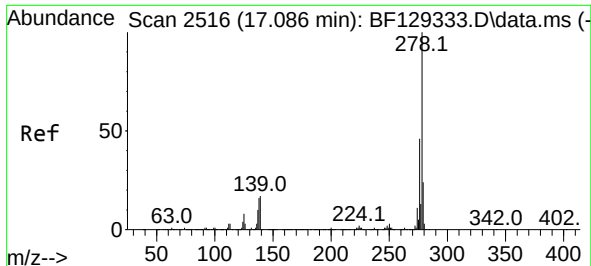
Tgt Ion:252 Resp: 1040343
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.2 8.3 12.5



#90
Benzo(a)pyrene
Concen: 45.331 ng
RT: 15.445 min Scan# 2237
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:252 Resp: 913811
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.4 8.8 13.2

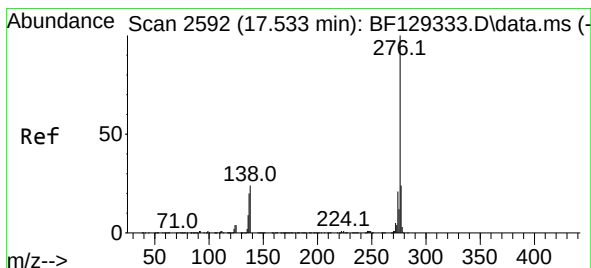
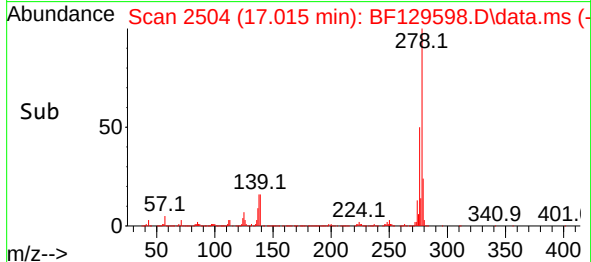
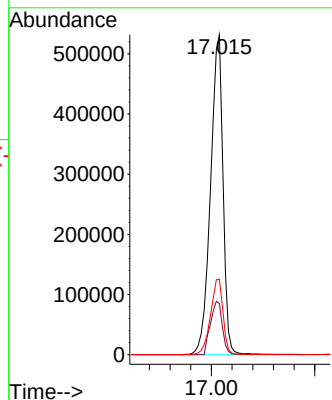
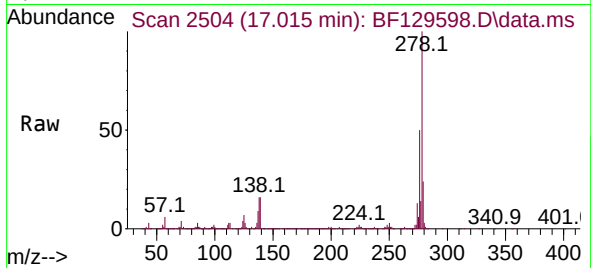




#91
Dibenzo(a,h)anthracene
Concen: 43.565 ng
RT: 17.015 min Scan# 2504
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Instrument :
BNA_F
ClientSampleId :
PB146537BS

Tgt Ion:278 Resp: 893908
Ion Ratio Lower Upper
278 100
139 16.0 12.8 19.2
279 23.6 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 42.830 ng
RT: 17.457 min Scan# 2579
Delta R.T. 0.006 min
Lab File: BF129598.D
Acq: 05 Aug 2022 13:08

Tgt Ion:276 Resp: 898019
Ion Ratio Lower Upper
276 100
277 24.1 19.1 28.7
138 22.0 18.0 27.0

