

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129467.D
 Acq On : 01 Aug 2022 11:42
 Operator : CG\JU
 Sample : PB146583BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146583BS

Quant Time: Aug 02 01:14:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	201181	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	807168	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	424226	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	715138	20.000	ng	0.00
76) Chrysene-d12	14.051	240	480774	20.000	ng	0.00
86) Perylene-d12	15.527	264	352058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1098939	88.983	ng	0.01
7) Phenol-d6	6.522	99	1345137	86.653	ng	0.00
23) Nitrobenzene-d5	7.445	82	1277788	86.417	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	367995	90.225	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2233260	81.436	ng	0.00
79) Terphenyl-d14	12.992	244	2359212	92.577	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	196235	35.217	ng	90
3) Pyridine	3.534	79	520612	33.644	ng	93
4) n-Nitrosodimethylamine	3.493	42	301559	44.380	ng	# 94
6) Aniline	6.545	93	670643	34.752	ng	100
8) 2-Chlorophenol	6.669	128	633352	46.941	ng	95
9) Benzaldehyde	6.428	77	272202	25.821	ng	97
10) Phenol	6.534	94	747628	45.226	ng	88
11) bis(2-Chloroethyl)ether	6.610	93	593540	45.274	ng	95
12) 1,3-Dichlorobenzene	6.816	146	649251	44.866	ng	98
13) 1,4-Dichlorobenzene	6.892	146	651815	44.290	ng	99
14) 1,2-Dichlorobenzene	7.045	146	627306	46.373	ng	99
15) Benzyl Alcohol	7.022	79	531578	47.217	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	812757	41.243	ng	# 43
17) 2-Methylphenol	7.140	107	485001	43.329	ng	# 93
18) Hexachloroethane	7.387	117	254291	45.888	ng	91
19) n-Nitroso-di-n-propyla...	7.292	70	418407	44.523	ng	92
20) 3+4-Methylphenols	7.292	107	593593	41.708	ng	91
22) Acetophenone	7.287	105	827283	44.022	ng	95
24) Nitrobenzene	7.463	77	644571	42.332	ng	97
25) Isophorone	7.698	82	1188610	44.845	ng	99
26) 2-Nitrophenol	7.775	139	332771	44.301	ng	97
27) 2,4-Dimethylphenol	7.816	122	544144	48.293	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	733812	47.726	ng	99
29) 2,4-Dichlorophenol	8.022	162	508533	43.727	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	528328	43.890	ng	98
31) Naphthalene	8.181	128	1739243	42.411	ng	99
32) Benzoic acid	7.951	122	242077	29.719	ng	96
33) 4-Chloroaniline	8.234	127	447061	26.553	ng	97
34) Hexachlorobutadiene	8.292	225	307560	44.948	ng	99
35) Caprolactam	8.616	113	84329	22.304	ng	# 78
36) 4-Chloro-3-methylphenol	8.722	107	553750	44.894	ng	98
37) 2-Methylnaphthalene	8.875	142	1144320	42.939	ng	100
38) 1-Methylnaphthalene	8.975	142	1099464	42.737	ng	97
40) 1,2,4,5-Tetrachloroben...	9.039	216	493490	44.302	ng	98
41) Hexachlorocyclopentadiene	9.022	237	536010	108.062	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	345176	42.664	ng	96

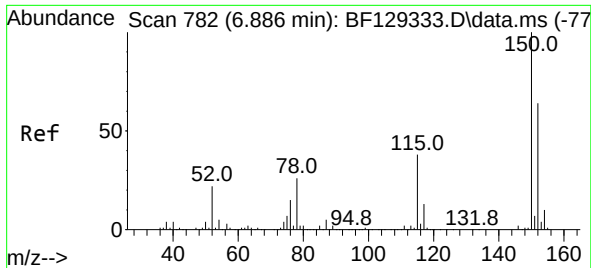
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	365688	41.563	ng	96
46) 1,1'-Biphenyl	9.339	154	1368122	44.190	ng	99
47) 2-Chloronaphthalene	9.363	162	1072362	42.846	ng	100
48) 2-Nitroaniline	9.463	65	354395	42.583	ng	97
49) Acenaphthylene	9.781	152	1701356	44.737	ng	100
50) Dimethylphthalate	9.639	163	1266902	43.260	ng	100
51) 2,6-Dinitrotoluene	9.704	165	291869	44.528	ng	95
52) Acenaphthene	9.951	154	966005	38.891	ng	99
53) 3-Nitroaniline	9.881	138	218976	28.291	ng	# 90
54) 2,4-Dinitrophenol	9.986	184	268863	80.349	ng	95
55) Dibenzofuran	10.128	168	1467023	42.844	ng	98
56) 4-Nitrophenol	10.057	139	416039	72.859	ng	91
57) 2,4-Dinitrotoluene	10.110	165	377583	44.096	ng	98
58) Fluorene	10.469	166	1158515	42.286	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	278848	41.012	ng	93
60) Diethylphthalate	10.339	149	1240504	43.818	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	539836	44.695	ng	91
62) 4-Nitroaniline	10.498	138	300325	39.114	ng	98
63) Azobenzene	10.616	77	1212064	41.976	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	184996	40.985	ng	95
66) n-Nitrosodiphenylamine	10.580	169	1036926	43.539	ng	97
67) 4-Bromophenyl-phenylether	10.945	248	350137	44.712	ng	93
68) Hexachlorobenzene	11.016	284	379149	44.684	ng	99
69) Atrazine	11.110	200	338918	46.851	ng	97
70) Pentachlorophenol	11.216	266	342646	74.282	ng	99
71) Phenanthrene	11.433	178	1645872	42.161	ng	100
72) Anthracene	11.486	178	1661474	43.310	ng	99
73) Carbazole	11.645	167	1544359	42.765	ng	99
74) Di-n-butylphthalate	11.957	149	1901283	44.210	ng	99
75) Fluoranthene	12.622	202	1681163	42.503	ng	98
77) Benzidine	12.745	184	638878	37.615	ng	98
78) Pyrene	12.851	202	1716963	42.707	ng	99
80) Butylbenzylphthalate	13.457	149	774448	44.411	ng	99
81) Benzo(a)anthracene	14.039	228	1413695	43.046	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	285937	26.370	ng	# 96
83) Chrysene	14.080	228	1289645	41.666	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	1045403	45.536	ng	99
85) Di-n-octyl phthalate	14.627	149	1546120	46.799	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	995518	41.991	ng	100
88) Benzo(b)fluoranthene	15.098	252	1138911	48.769	ng	100
89) Benzo(k)fluoranthene	15.127	252	1064972	46.535	ng	99
90) Benzo(a)pyrene	15.468	252	1001718	52.840	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	851671	44.137	ng	99
92) Benzo(g,h,i)perylene	17.492	276	894184	45.350	ng	99

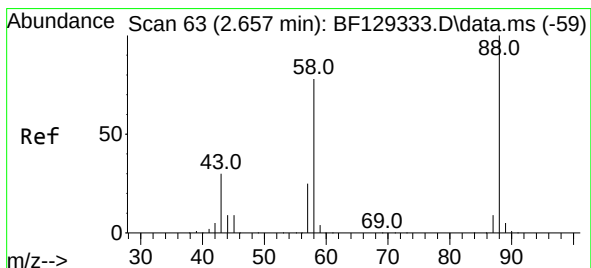
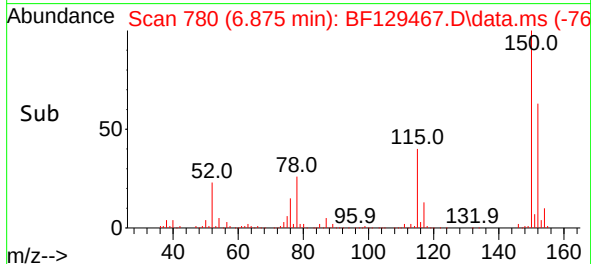
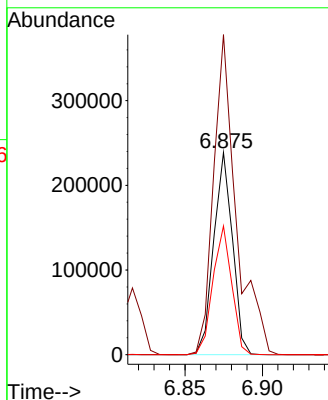
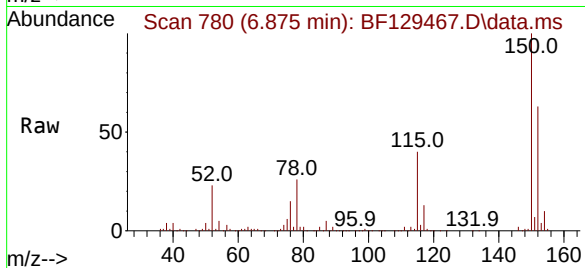
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.000 min
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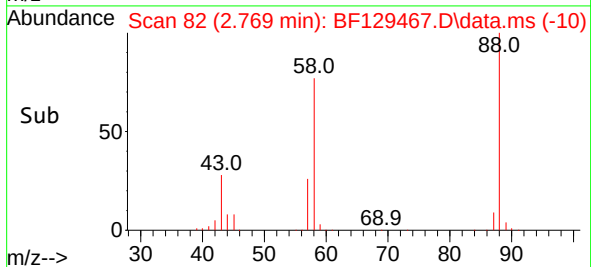
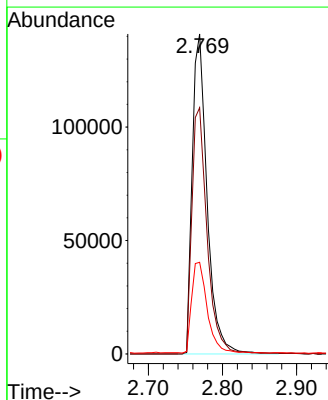
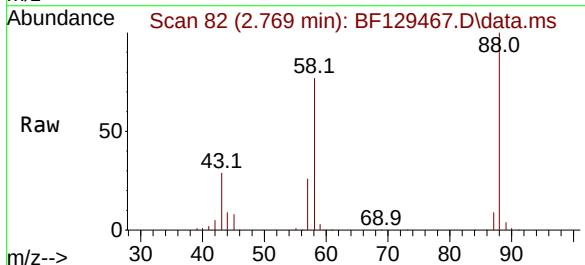
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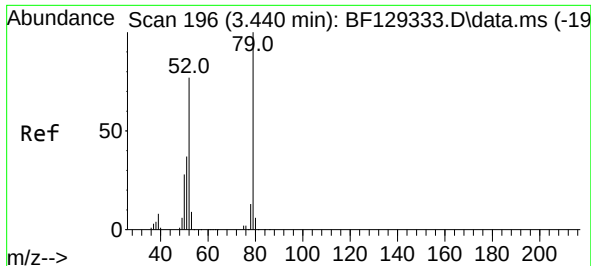
Tgt Ion:152 Resp: 201181
 Ion Ratio Lower Upper
 152 100
 150 158.3 123.7 185.5
 115 63.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 35.217 ng
 RT: 2.769 min Scan# 82
 Delta R.T. 0.123 min
 Lab File: BF129467.D
 Acq: 01 Aug 2022 11:42

Tgt Ion: 88 Resp: 196235
 Ion Ratio Lower Upper
 88 100
 58 78.8 71.8 107.8
 43 29.6 26.6 39.8

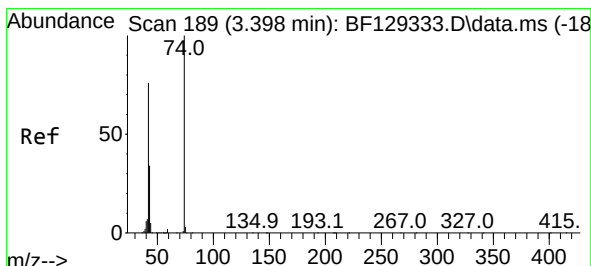
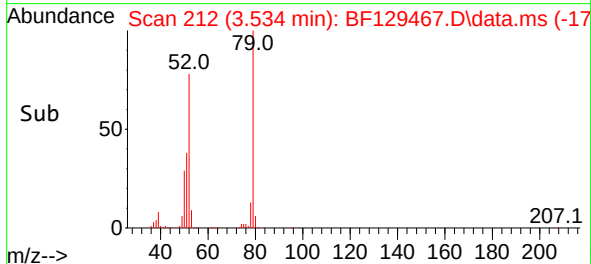
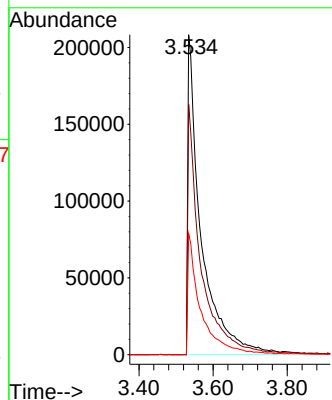
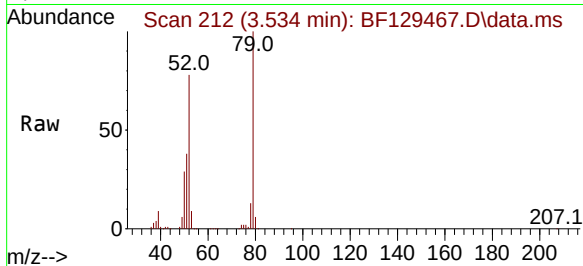




#3
Pyridine
Concen: 33.644 ng
RT: 3.534 min Scan# 21
Delta R.T. 0.100 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

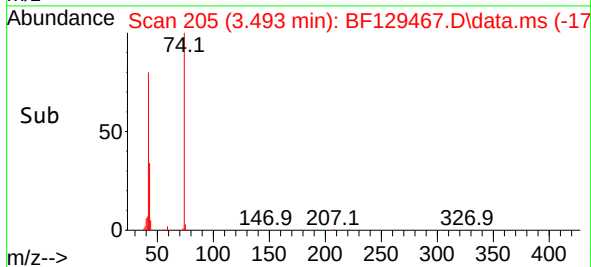
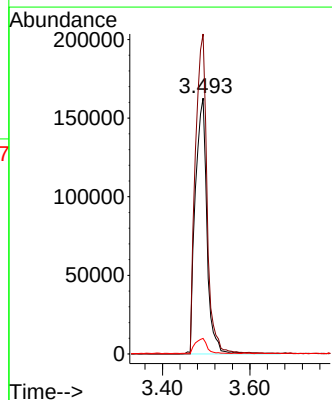
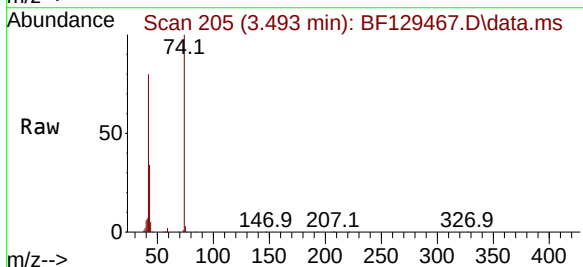
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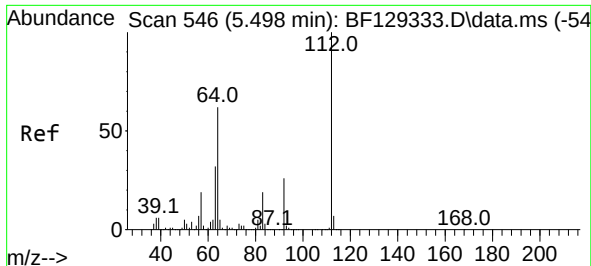
Tgt Ion: 79 Resp: 520612
Ion Ratio Lower Upper
79 100
52 78.2 68.6 102.8
51 37.8 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 44.380 ng
RT: 3.493 min Scan# 205
Delta R.T. 0.106 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion: 42 Resp: 301559
Ion Ratio Lower Upper
42 100
74 125.0 94.8 142.2
44 6.0 6.6 10.0#

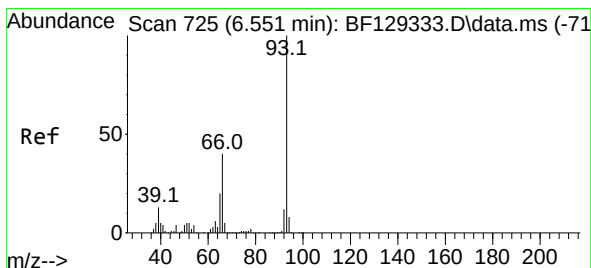
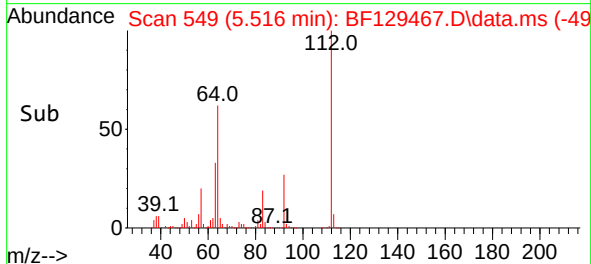
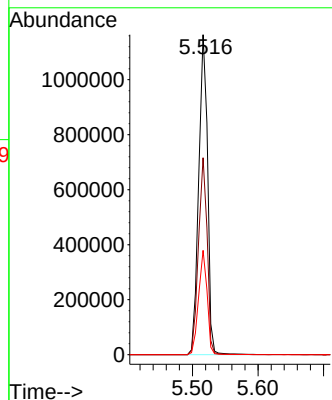
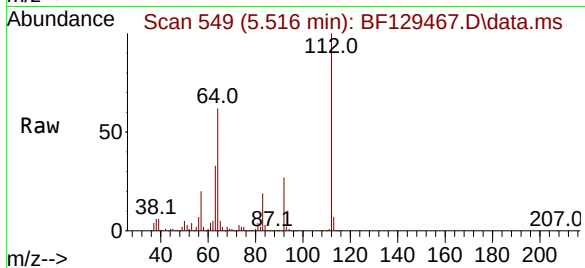




#5
2-Fluorophenol
Concen: 88.983 ng
RT: 5.516 min Scan# 54
Delta R.T. 0.012 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

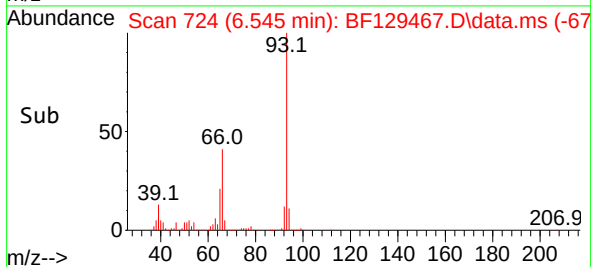
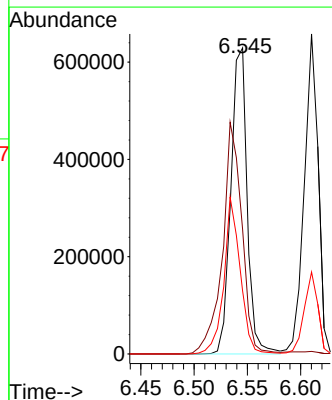
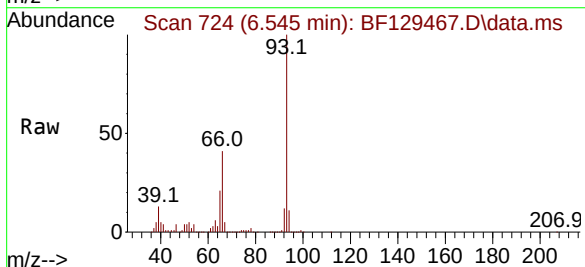
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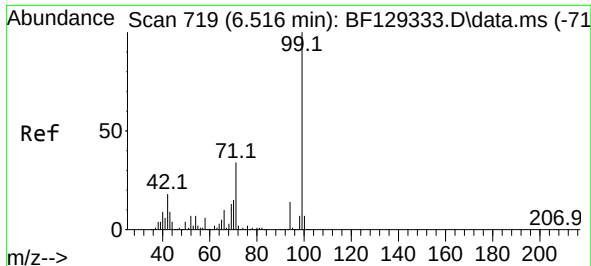
Tgt Ion:112 Resp: 1098939
Ion Ratio Lower Upper
112 100
64 61.6 53.3 79.9
63 32.6 28.0 42.0



#6
Aniline
Concen: 34.752 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion: 93 Resp: 670643
Ion Ratio Lower Upper
93 100
66 40.7 32.5 48.7
65 20.6 16.4 24.6

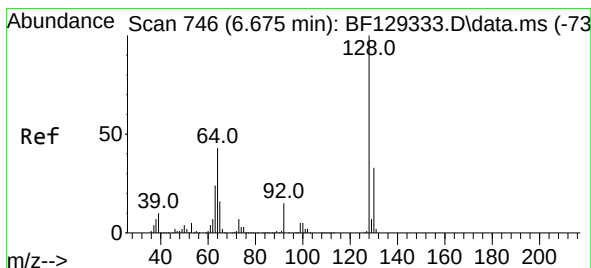
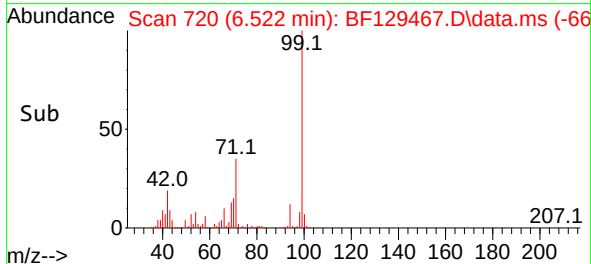
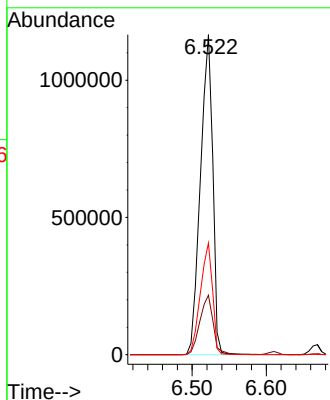
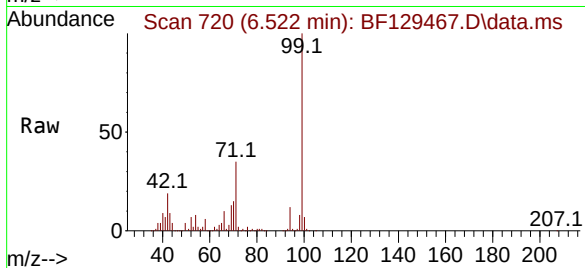




#7
Phenol-d6
Concen: 86.653 ng
RT: 6.522 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

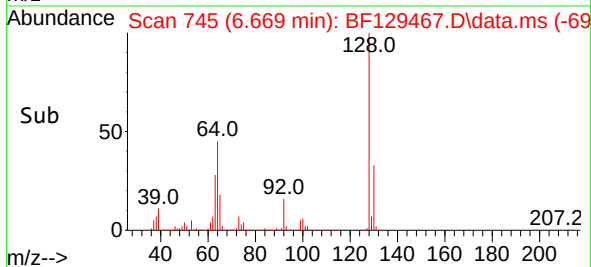
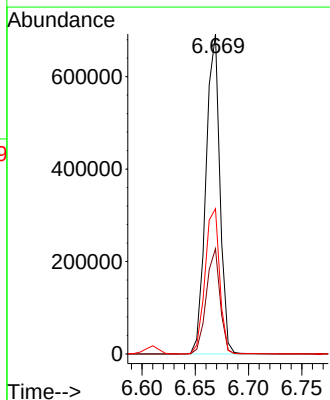
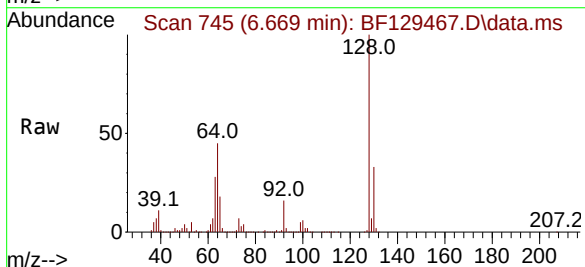
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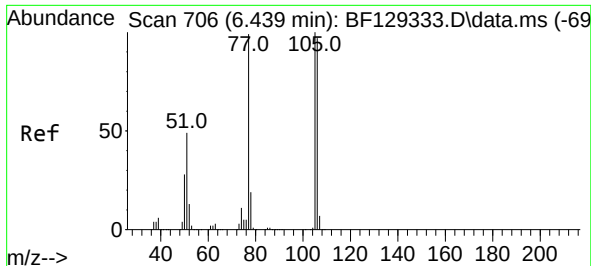
Tgt Ion: 99 Resp: 1345137
Ion Ratio Lower Upper
99 100
42 18.6 17.3 25.9
71 34.9 28.9 43.3



#8
2-Chlorophenol
Concen: 46.941 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion: 128 Resp: 633352
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 45.4 30.9 70.9

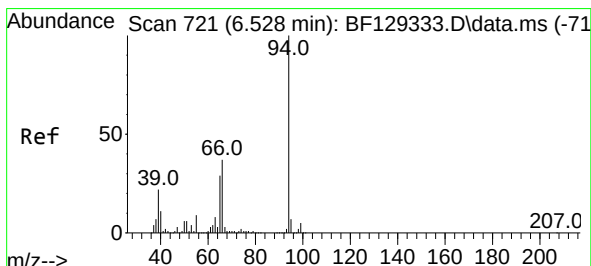
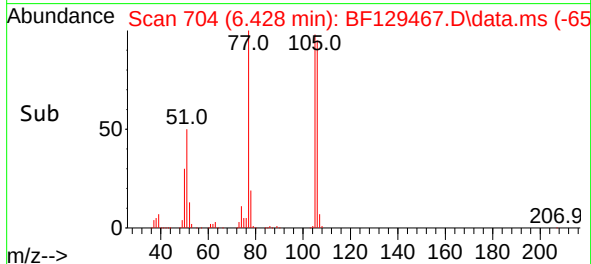
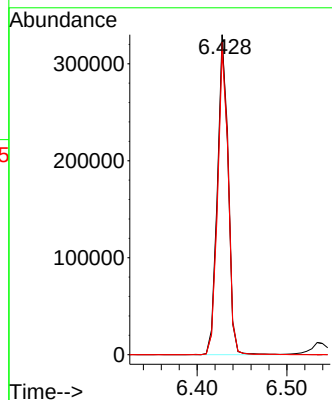
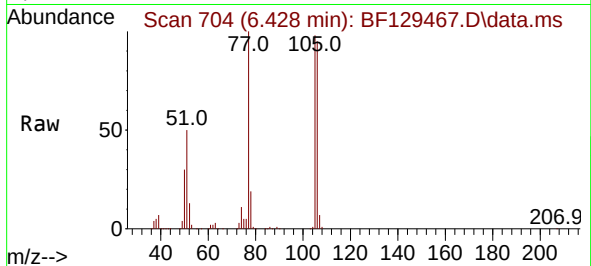




#9
Benzaldehyde
Concen: 25.821 ng
RT: 6.428 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

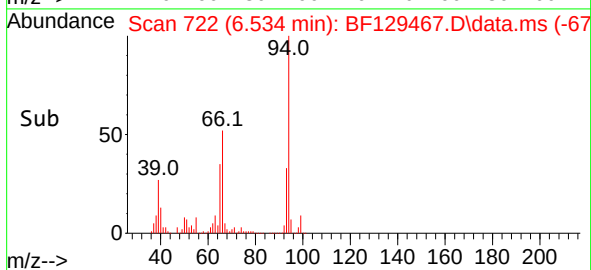
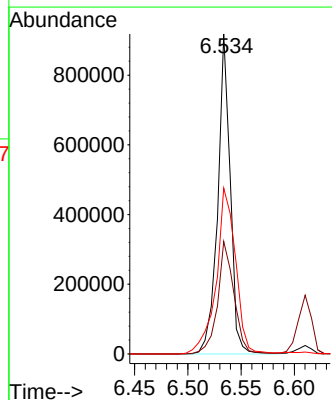
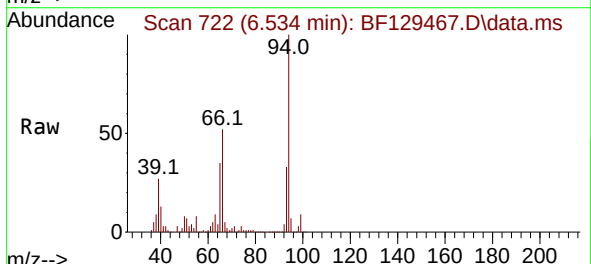
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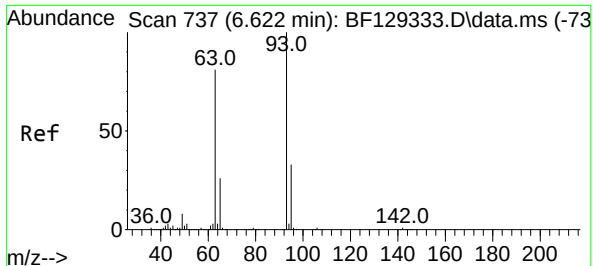
Tgt Ion: 77 Resp: 272202
Ion Ratio Lower Upper
77 100
105 97.7 81.6 121.6
106 94.9 76.1 116.1



#10
Phenol
Concen: 45.226 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion: 94 Resp: 747628
Ion Ratio Lower Upper
94 100
65 35.1 11.4 51.4
66 51.9 21.4 61.4

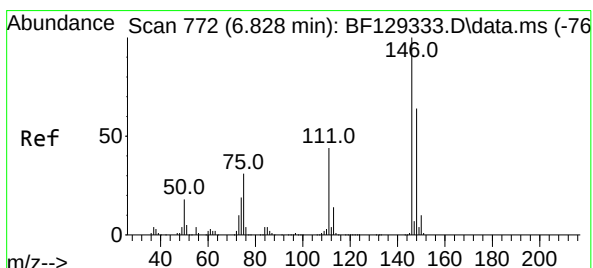
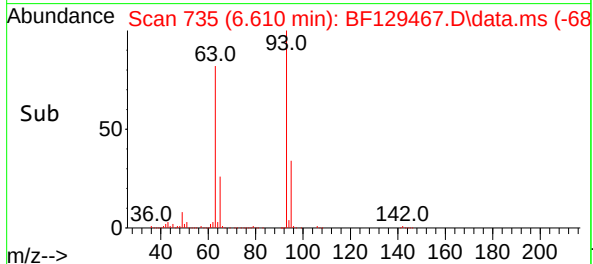
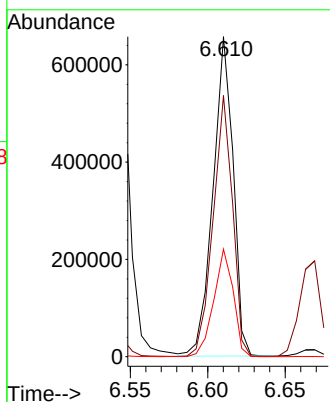
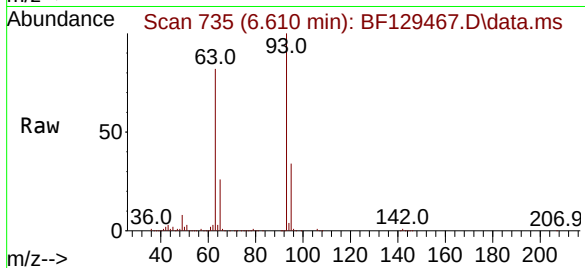




#11
bis(2-Chloroethyl)ether
Concen: 45.274 ng
RT: 6.610 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

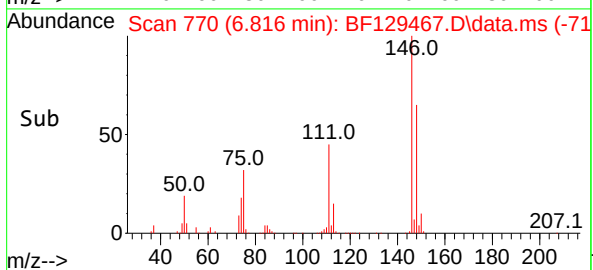
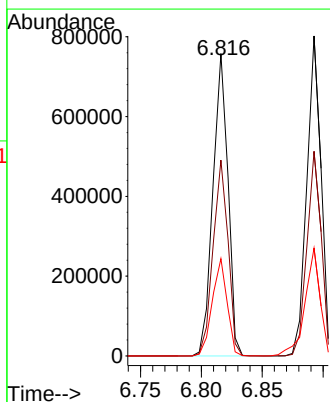
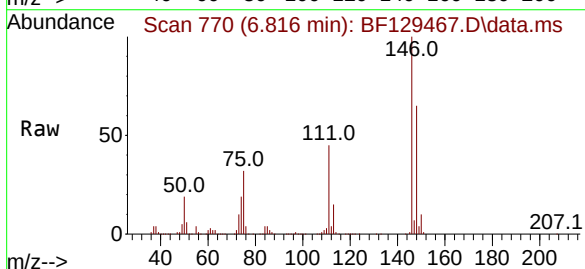
Instrument :
BNA_F
ClientSampleId :
PB146583BS

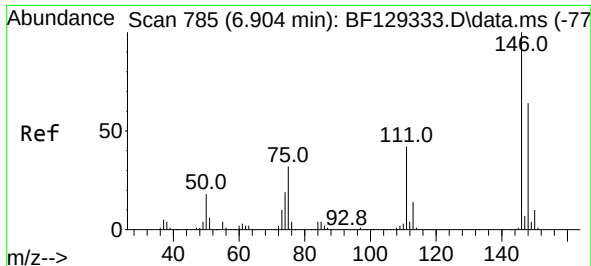
Tgt Ion: 93 Resp: 593540
Ion Ratio Lower Upper
93 100
63 81.6 67.4 107.4
95 33.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 44.866 ng
RT: 6.816 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion: 146 Resp: 649251
Ion Ratio Lower Upper
146 100
148 64.7 50.6 75.8
75 32.2 26.3 39.5

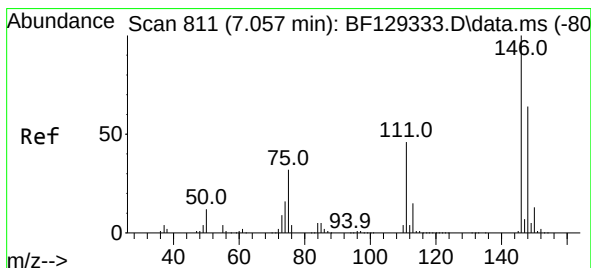
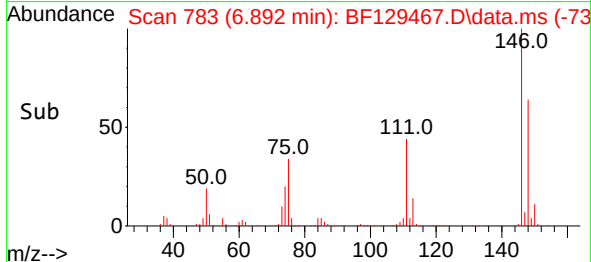
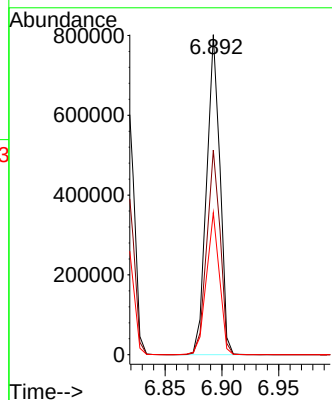
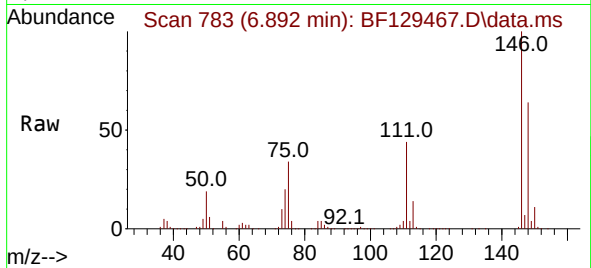




#13
1,4-Dichlorobenzene
Concen: 44.290 ng
RT: 6.892 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

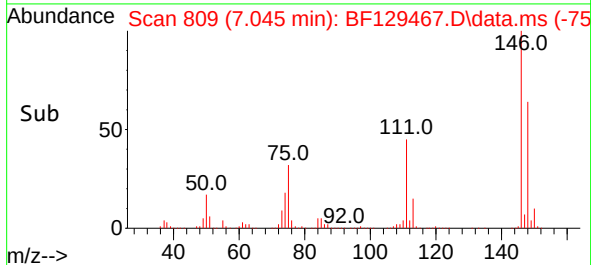
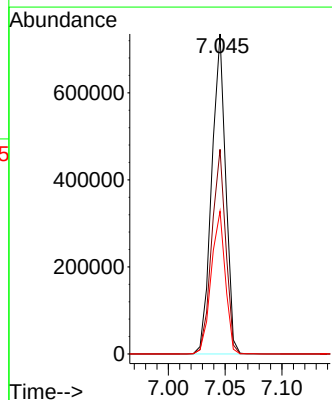
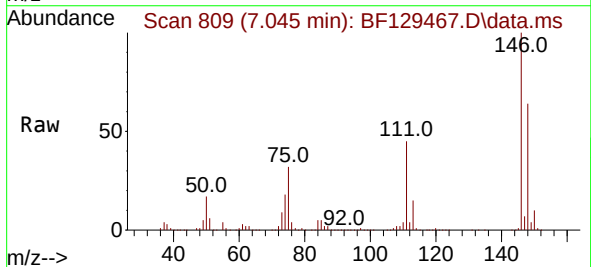
Instrument :
BNA_F
ClientSampleId :
PB146583BS

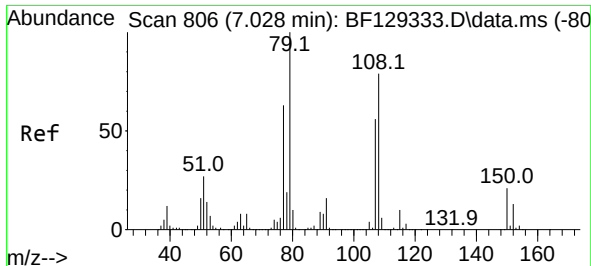
Tgt Ion:146 Resp: 651815
Ion Ratio Lower Upper
146 100
148 63.9 51.1 76.7
111 44.3 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 46.373 ng
RT: 7.045 min Scan# 809
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:146 Resp: 627306
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
111 44.6 35.1 52.7

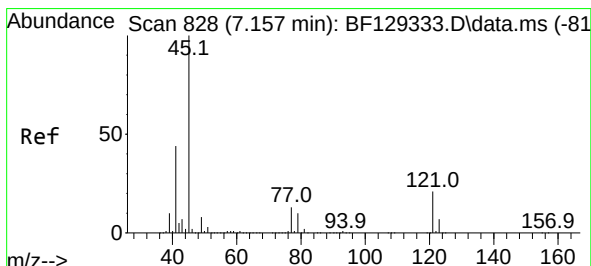
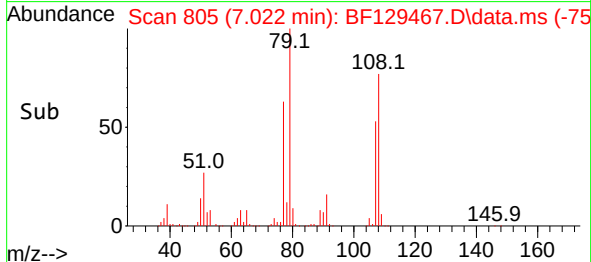
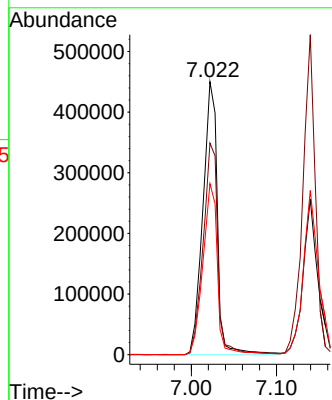
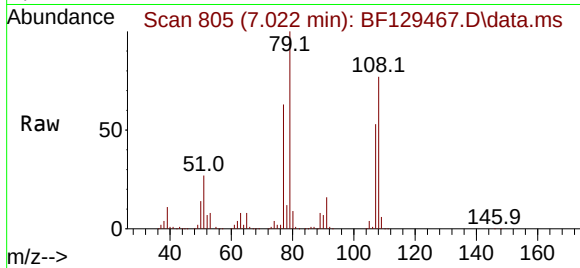




#15
Benzyl Alcohol
Concen: 47.217 ng
RT: 7.022 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

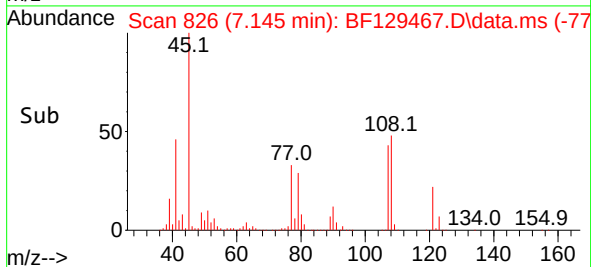
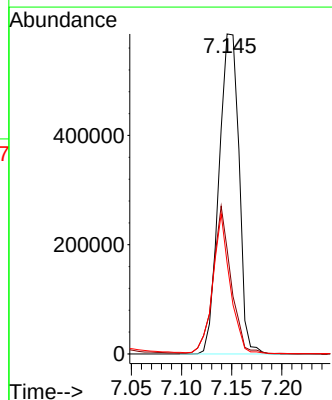
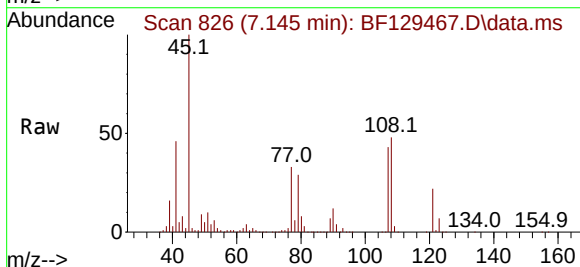
Instrument :
BNA_F
ClientSampleId :
PB146583BS

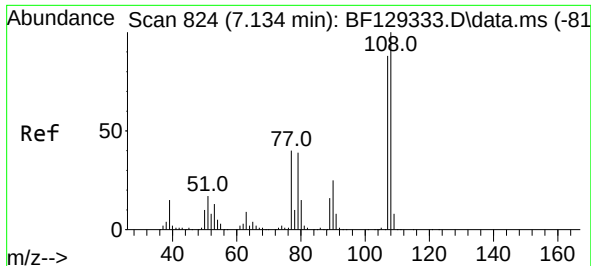
Tgt Ion: 79 Resp: 531578
Ion Ratio Lower Upper
79 100
108 77.5 61.8 92.6
77 62.7 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.243 ng
RT: 7.145 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion: 45 Resp: 812757
Ion Ratio Lower Upper
45 100
77 32.8 0.0 31.3#
79 28.5 0.0 28.3#

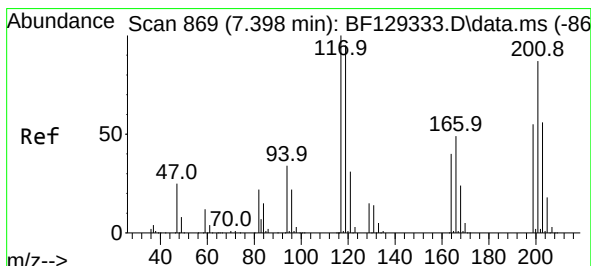
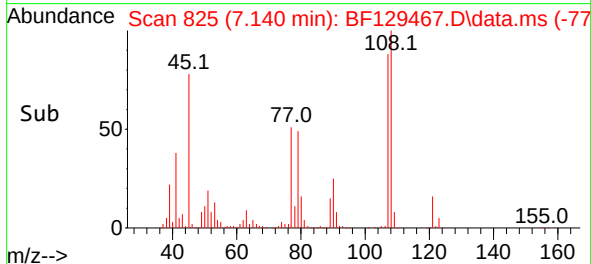
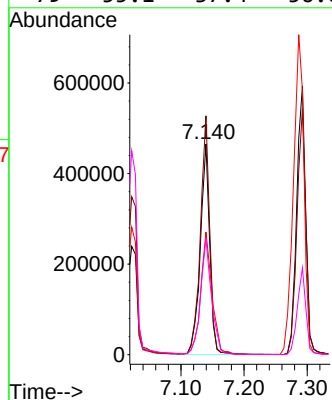
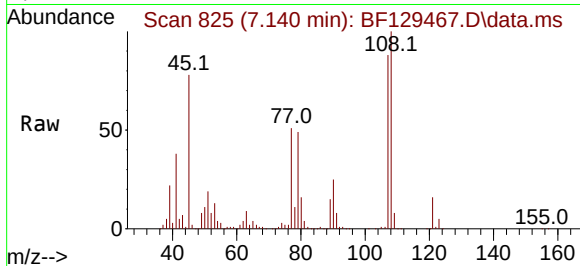




#17
2-Methylphenol
Concen: 43.329 ng
RT: 7.140 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

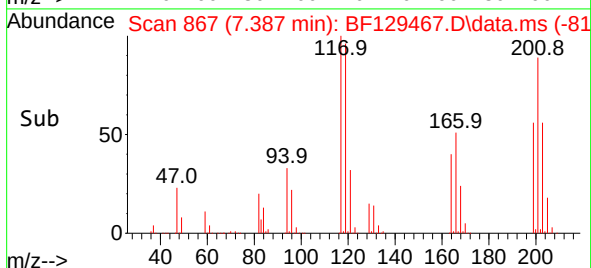
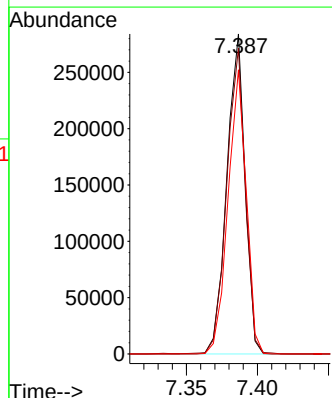
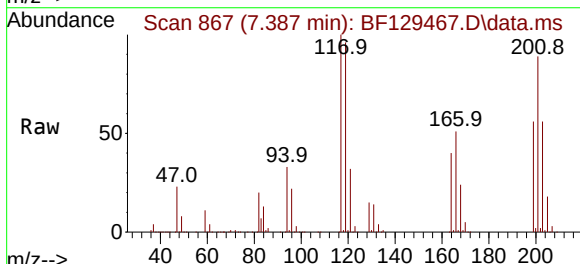
Instrument :
BNA_F
ClientSampleId :
PB146583BS

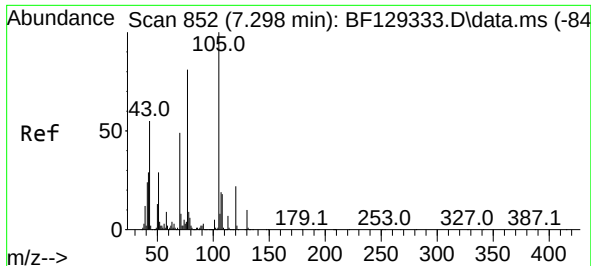
Tgt Ion:107 Resp: 485001
Ion Ratio Lower Upper
107 100
108 113.4 91.9 137.9
77 58.2 37.8 56.8#
79 55.1 37.4 56.0



#18
Hexachloroethane
Concen: 45.888 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:117 Resp: 254291
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.2
201 88.8 84.6 127.0



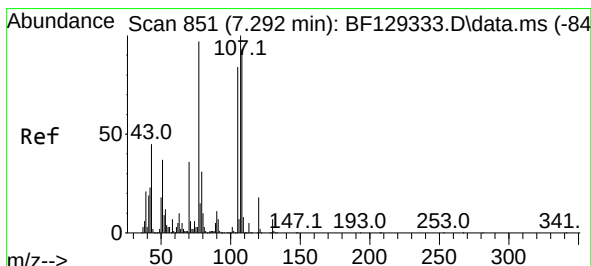
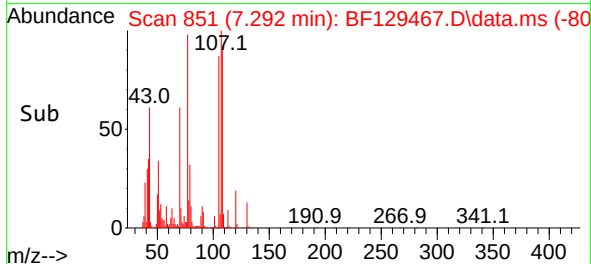
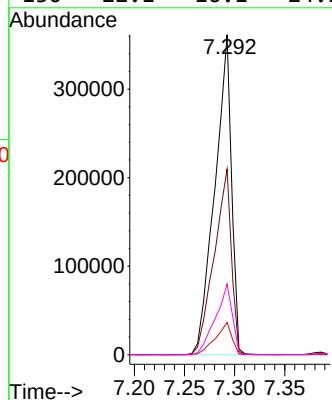
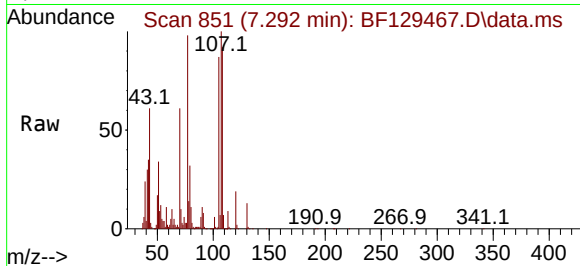


#19
n-Nitroso-di-n-propylamine
Concen: 44.523 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Instrument :
BNA_F
ClientSampleId :
PB146583BS

Tgt Ion: 70 Resp: 418407

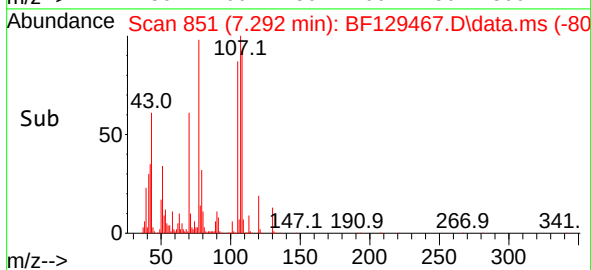
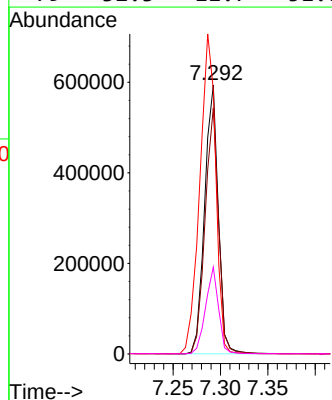
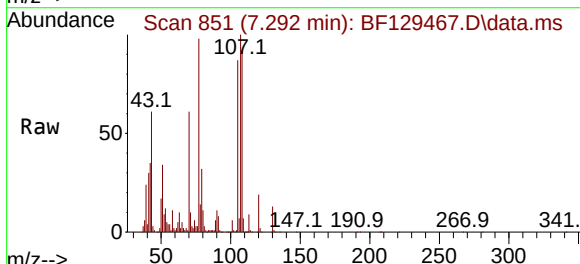
Ion	Ratio	Lower	Upper
70	100		
42	58.0	52.3	78.5
101	10.1	7.5	11.3
130	22.1	16.1	24.1

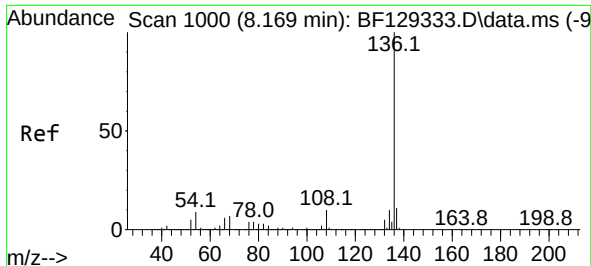


#20
3+4-Methylphenols
Concen: 41.708 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion: 107 Resp: 593593

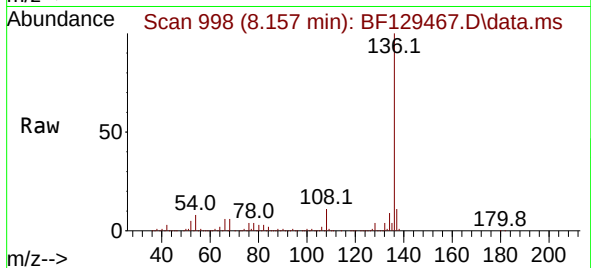
Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.8	111.8
77	98.2	59.3	99.3
79	32.3	11.7	51.7



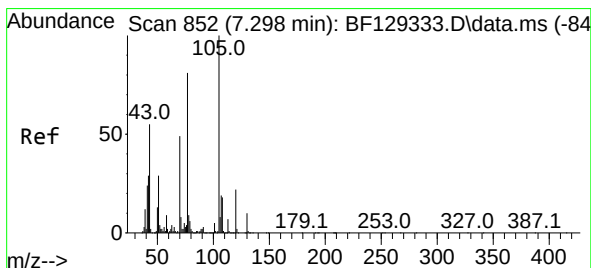
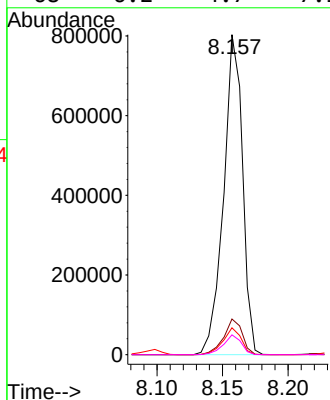
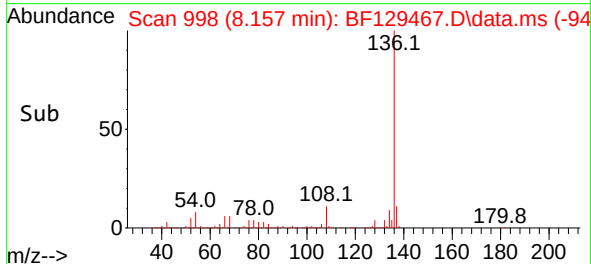


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

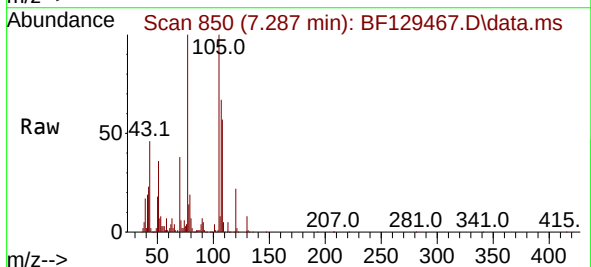
Instrument :
BNA_F
ClientSampleId :
PB146583BS



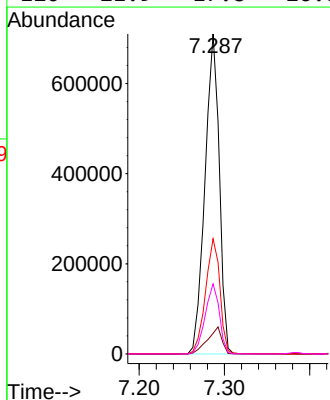
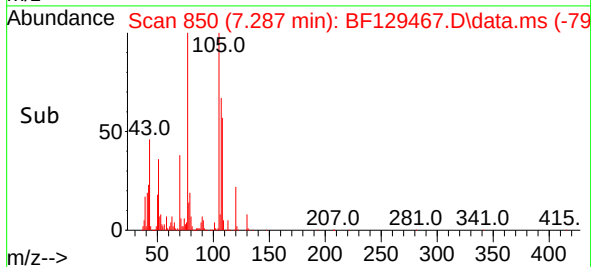
Tgt Ion:136 Resp: 807168
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 7.5 11.3
68 6.2 4.7 7.1

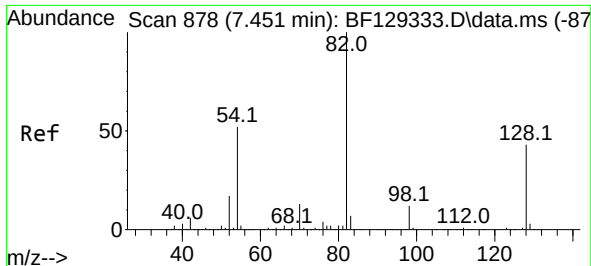


#22
Acetophenone
Concen: 44.022 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42



Tgt Ion:105 Resp: 827283
Ion Ratio Lower Upper
105 100
71 6.5 5.0 7.4
51 36.0 25.0 37.4
120 21.9 17.8 26.8

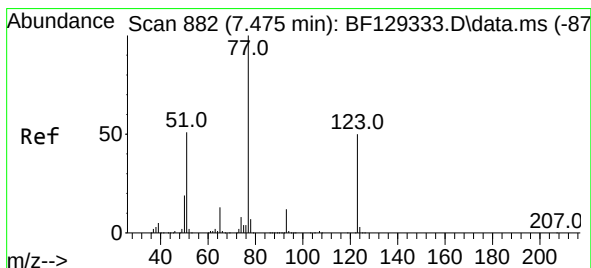
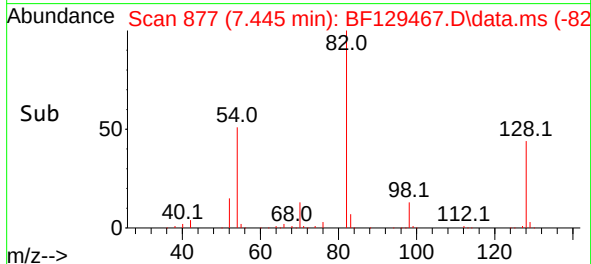
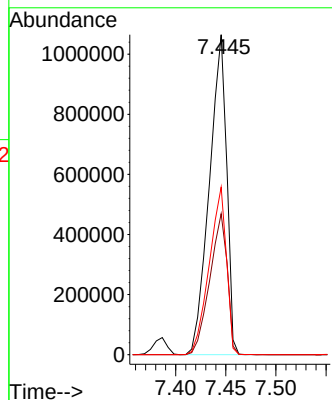
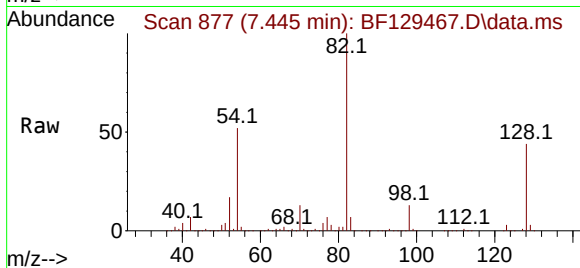




#23
Nitrobenzene-d5
Concen: 86.417 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

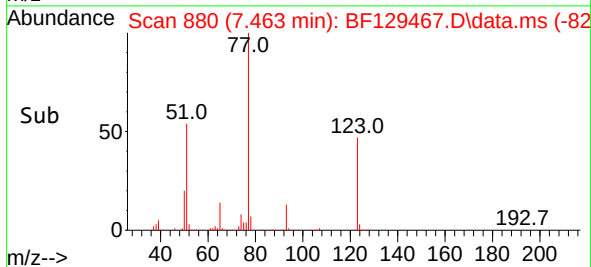
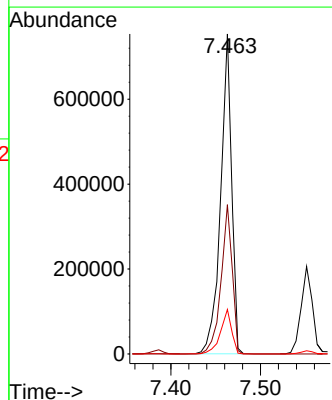
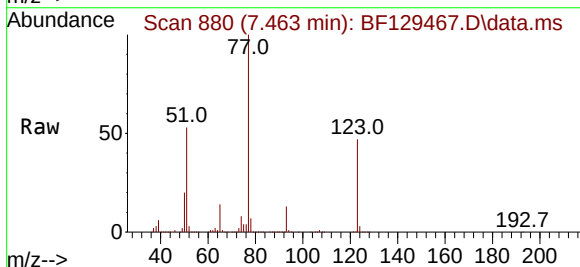
Instrument :
BNA_F
ClientSampleId :
PB146583BS

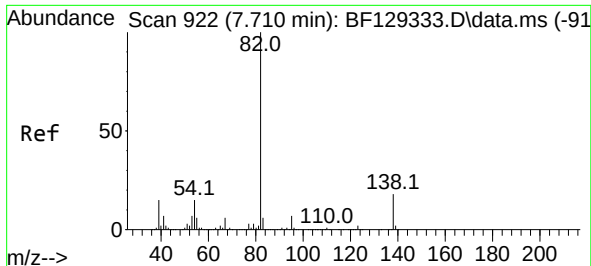
Tgt Ion: 82 Resp: 1277788
Ion Ratio Lower Upper
82 100
128 44.1 34.0 51.0
54 52.4 46.9 70.3



#24
Nitrobenzene
Concen: 42.332 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion: 77 Resp: 644571
Ion Ratio Lower Upper
77 100
123 46.6 35.4 53.2
65 13.9 11.8 17.8

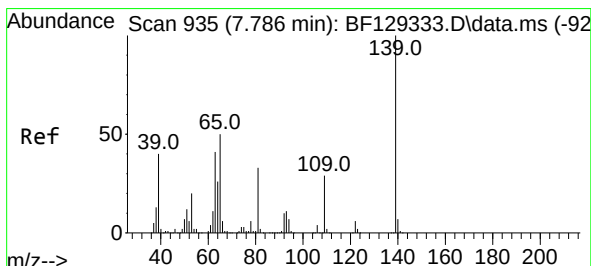
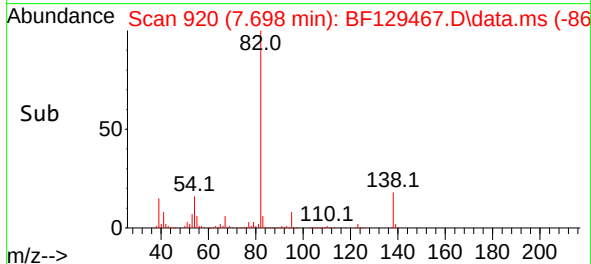
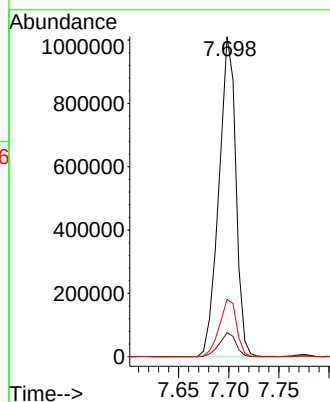
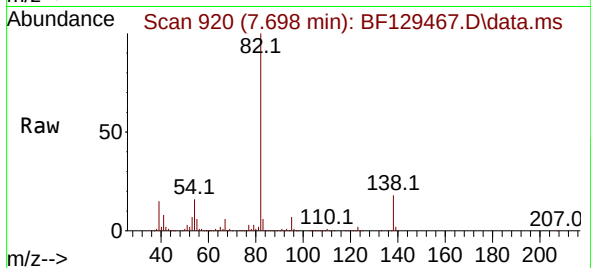




#25
Isophorone
Concen: 44.845 ng
RT: 7.698 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

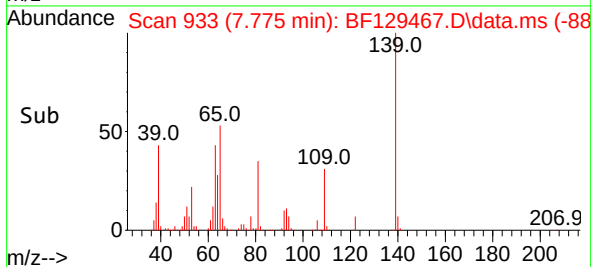
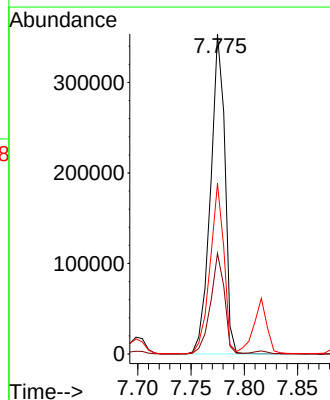
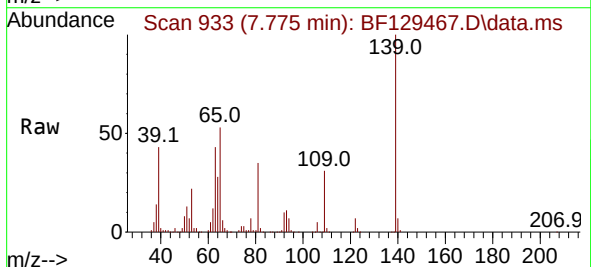
Instrument :
BNA_F
ClientSampleId :
PB146583BS

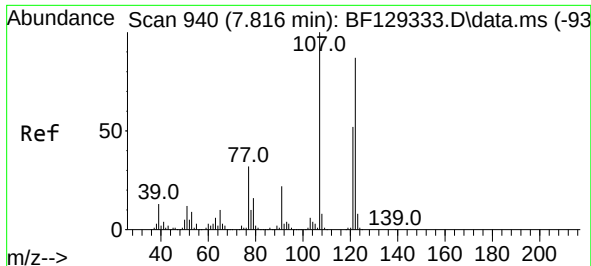
Tgt Ion: 82 Resp: 1188610
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 17.9 14.2 21.2



#26
2-Nitrophenol
Concen: 44.301 ng
RT: 7.775 min Scan# 933
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:139 Resp: 332771
Ion Ratio Lower Upper
139 100
109 31.5 25.0 37.4
65 53.3 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 48.293 ng

RT: 7.816 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

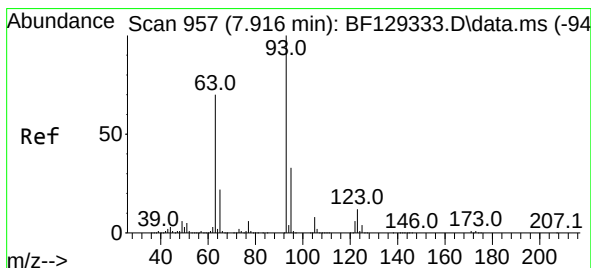
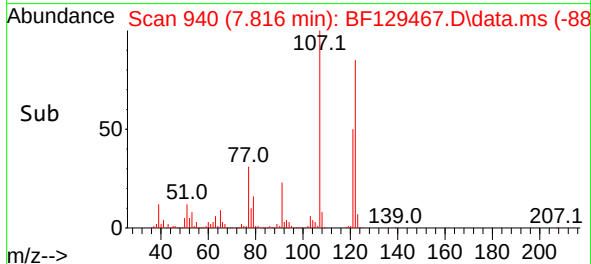
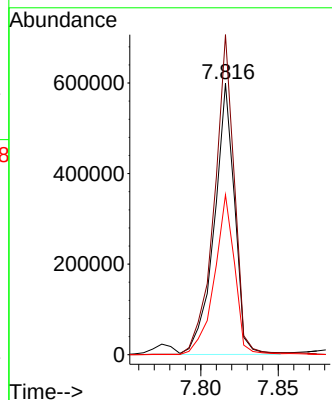
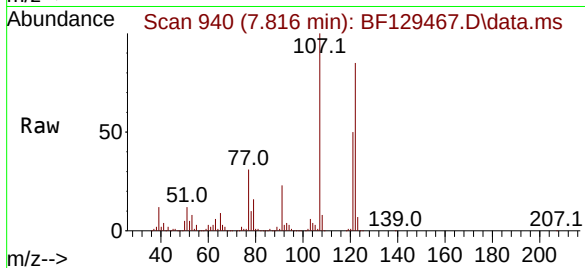
Tgt Ion:122 Resp: 544144

Ion Ratio Lower Upper

122 100

107 117.9 93.0 139.6

121 58.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.726 ng

RT: 7.904 min Scan# 955

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

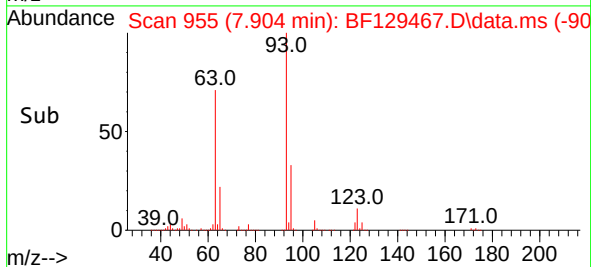
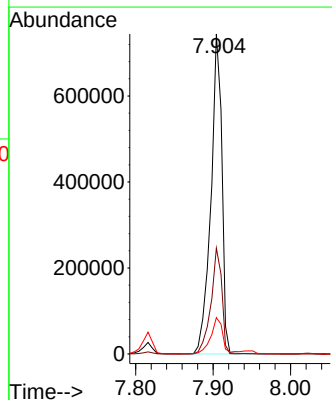
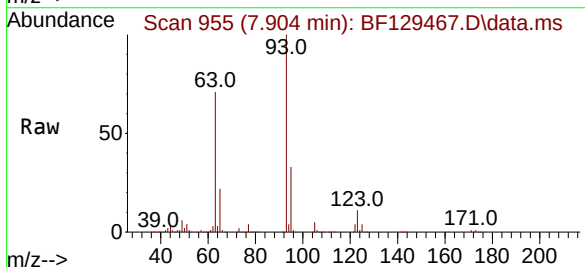
Tgt Ion: 93 Resp: 733812

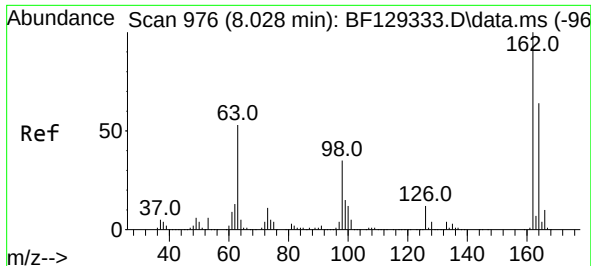
Ion Ratio Lower Upper

93 100

95 33.1 26.8 40.2

123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.727 ng

RT: 8.022 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

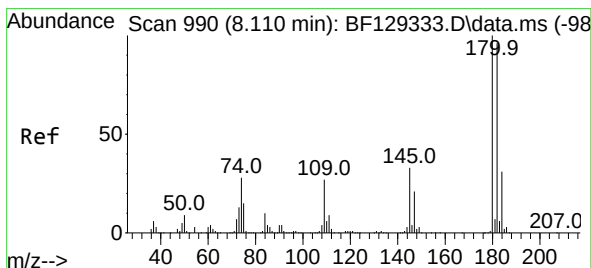
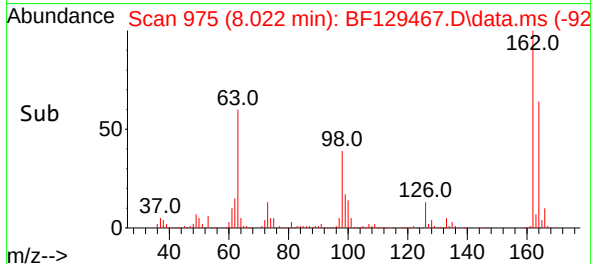
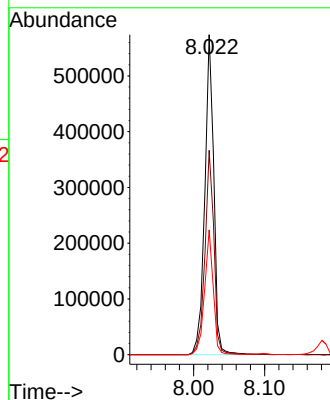
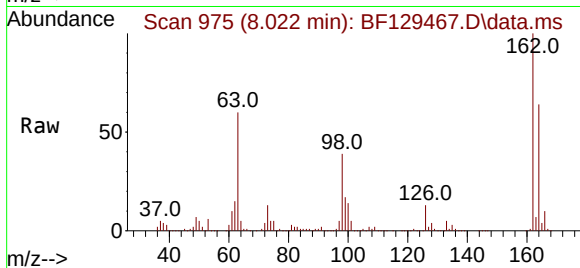
Tgt Ion:162 Resp: 508533

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

98 39.0 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 43.890 ng

RT: 8.098 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

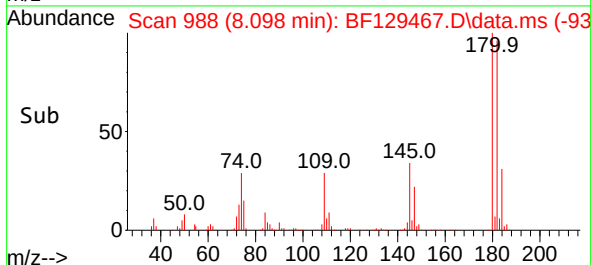
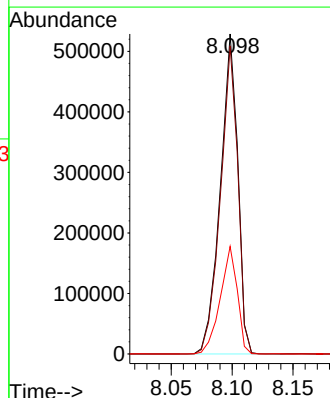
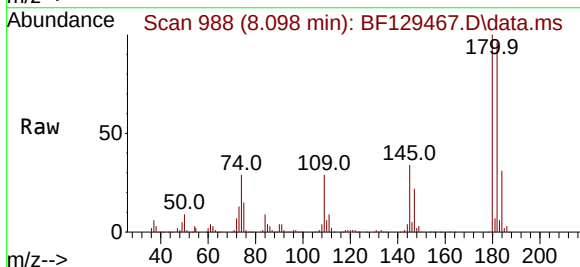
Tgt Ion:180 Resp: 528328

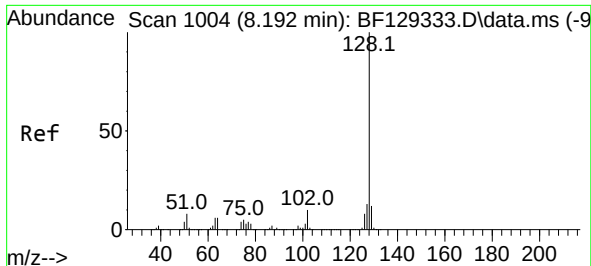
Ion Ratio Lower Upper

180 100

182 96.3 79.2 118.8

145 33.6 26.2 39.2





#31

Naphthalene

Concen: 42.411 ng

RT: 8.181 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

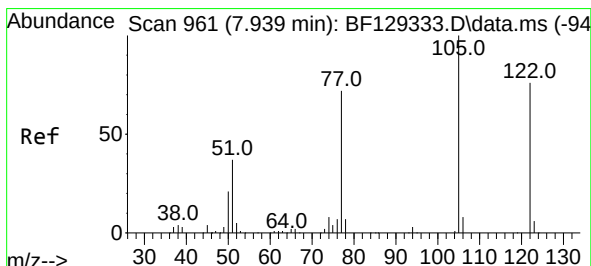
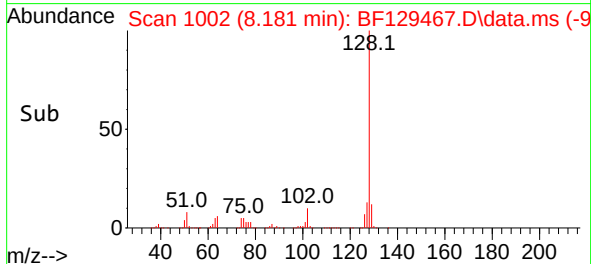
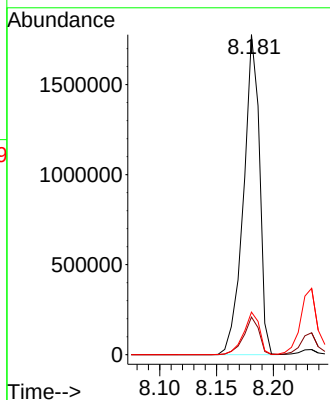
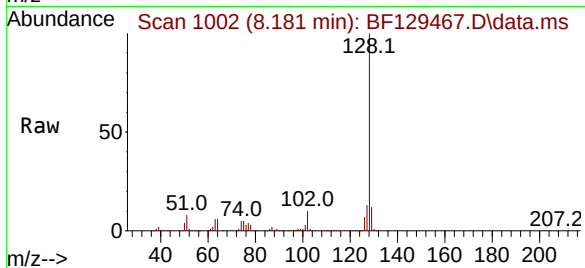
Tgt Ion:128 Resp: 1739243

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

127 13.3 10.5 15.7



#32

Benzoic acid

Concen: 29.719 ng

RT: 7.951 min Scan# 963

Delta R.T. 0.012 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

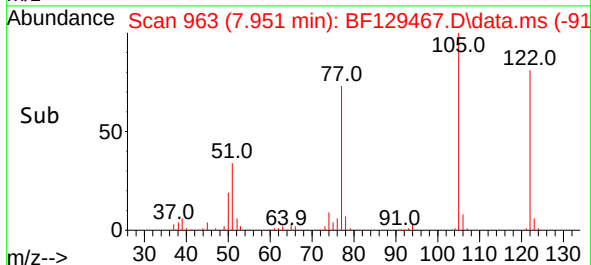
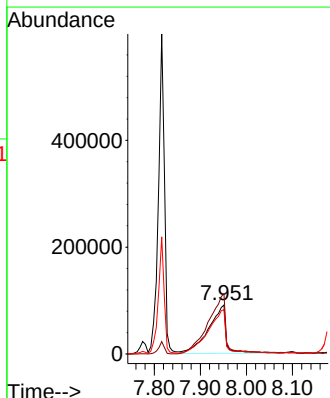
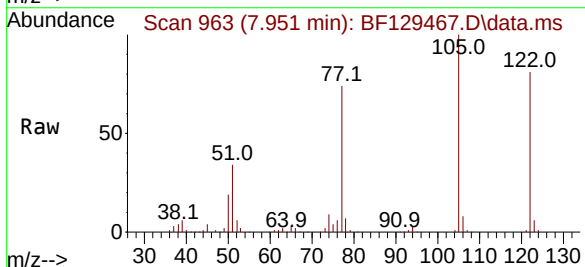
Tgt Ion:122 Resp: 242077

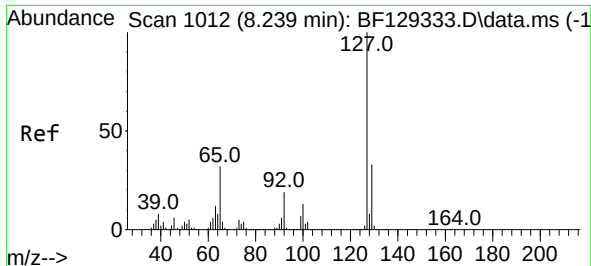
Ion Ratio Lower Upper

122 100

105 123.1 107.1 147.1

77 90.6 74.2 114.2

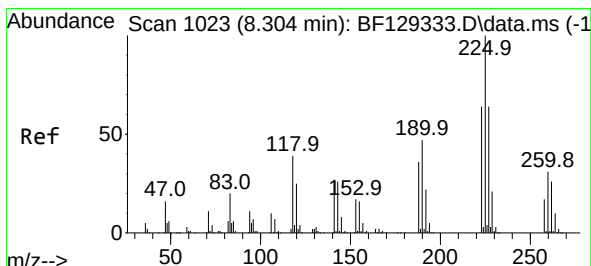
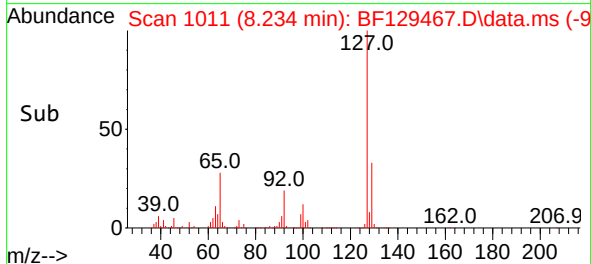
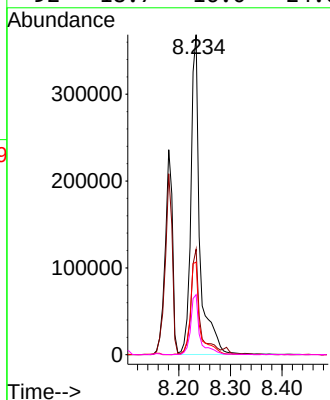
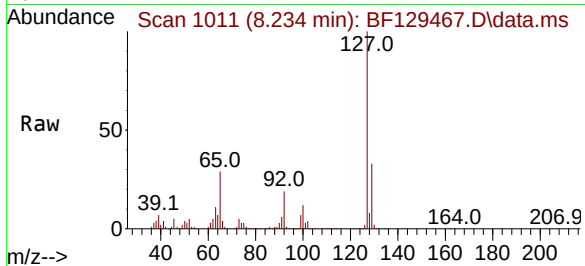




#33
4-Chloroaniline
Concen: 26.553 ng
RT: 8.234 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

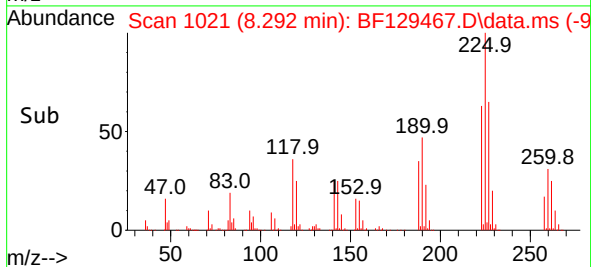
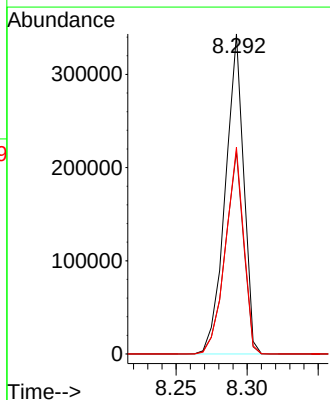
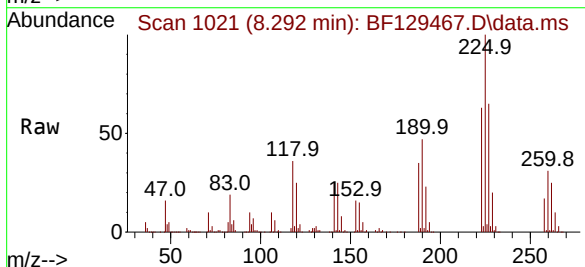
Instrument :
BNA_F
ClientSampleId :
PB146583BS

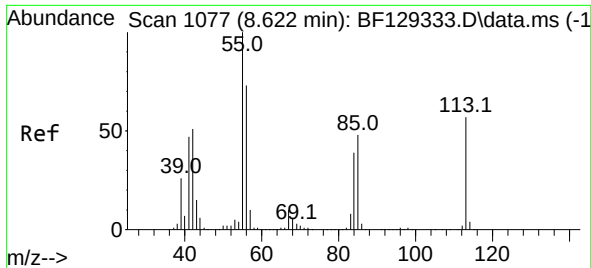
Tgt Ion:	127	Resp:	447061
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.4	39.6
65	29.0	26.4	39.6
92	18.7	16.0	24.0



#34
Hexachlorobutadiene
Concen: 44.948 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:	225	Resp:	307560
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	64.6	51.1	76.7

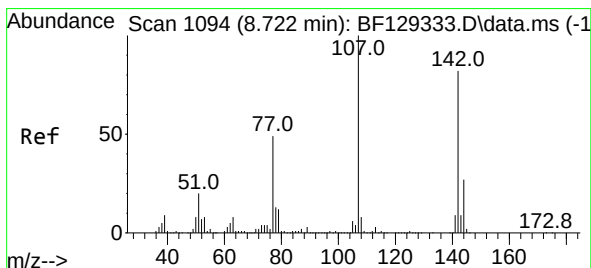
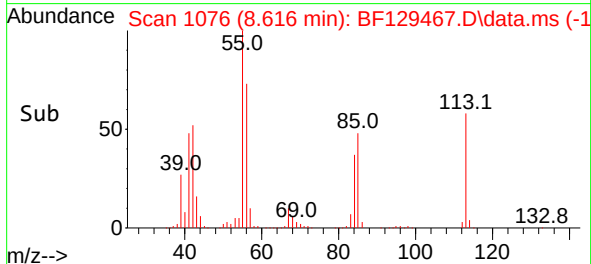
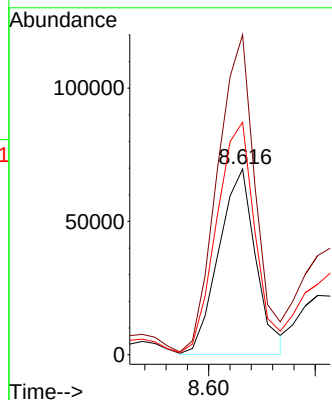
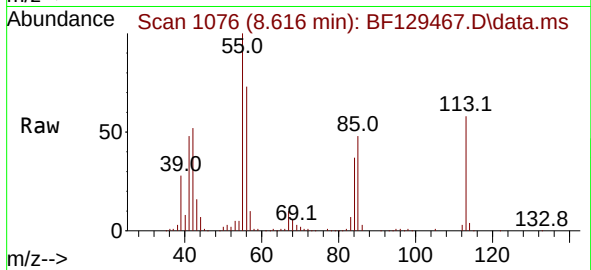




#35
 Caprolactam
 Concen: 22.304 ng
 RT: 8.616 min Scan# 1076
 Delta R.T. -0.000 min
 Lab File: BF129467.D
 Acq: 01 Aug 2022 11:42

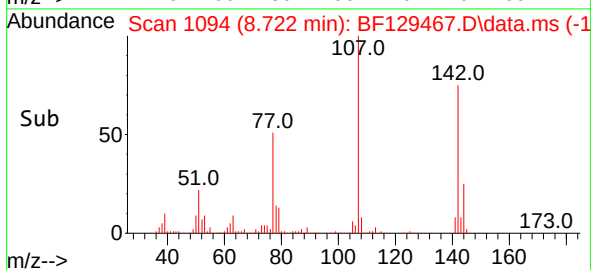
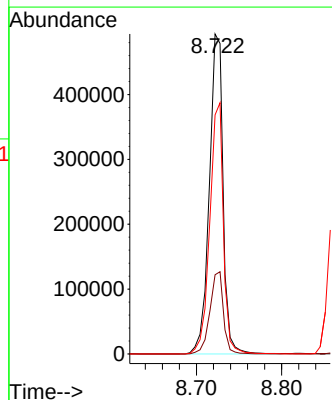
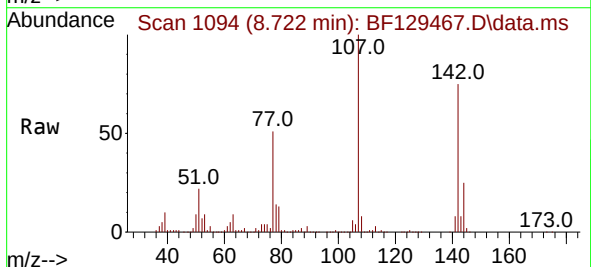
Instrument :
 BNA_F
 ClientSampleId :
 PB146583BS

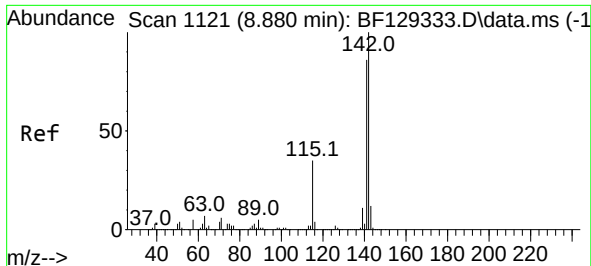
Tgt Ion:113 Resp: 84329
 Ion Ratio Lower Upper
 113 100
 55 172.3 188.5 228.5#
 56 125.2 130.6 170.6#



#36
 4-Chloro-3-methylphenol
 Concen: 44.894 ng
 RT: 8.722 min Scan# 1094
 Delta R.T. -0.000 min
 Lab File: BF129467.D
 Acq: 01 Aug 2022 11:42

Tgt Ion:107 Resp: 553750
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.5 29.3
 142 74.7 58.2 87.4

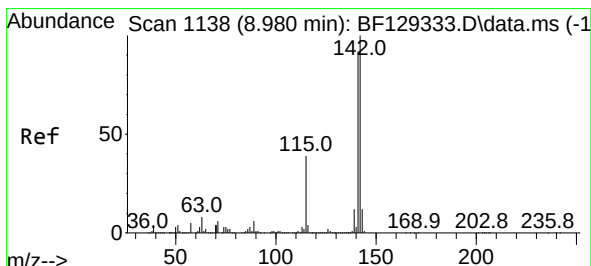
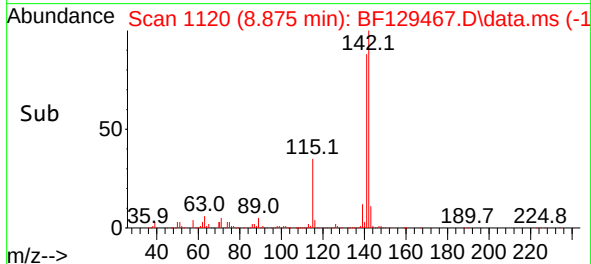
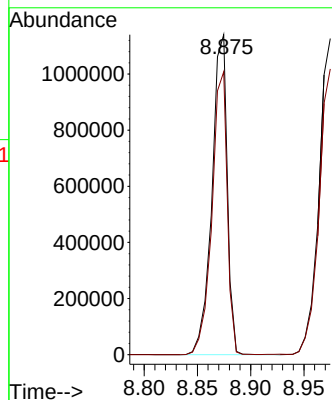
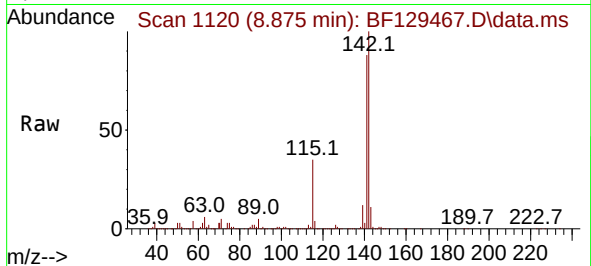




#37
2-Methylnaphthalene
Concen: 42.939 ng
RT: 8.875 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

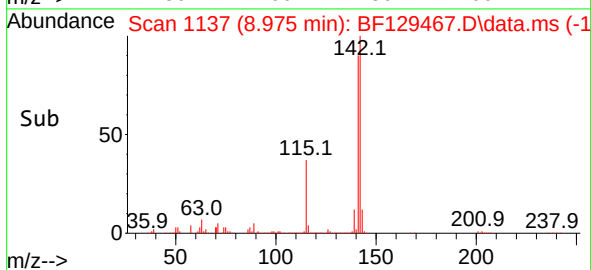
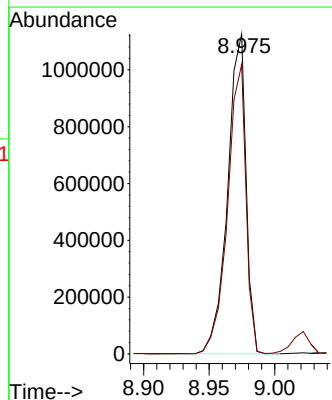
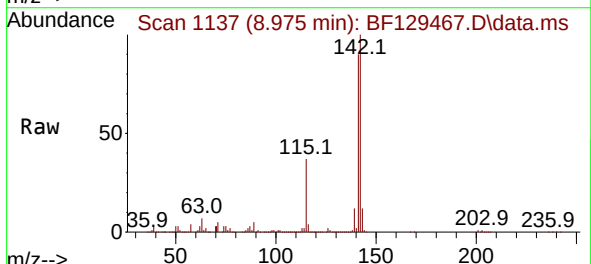
Instrument :
BNA_F
ClientSampleId :
PB146583BS

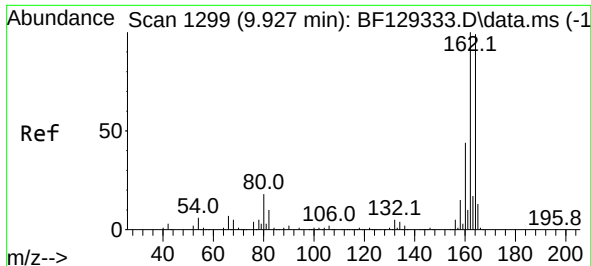
Tgt Ion:142 Resp: 1144320
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.4



#38
1-Methylnaphthalene
Concen: 42.737 ng
RT: 8.975 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:142 Resp: 1099464
Ion Ratio Lower Upper
142 100
141 90.4 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

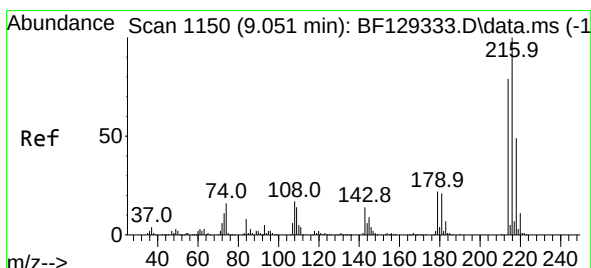
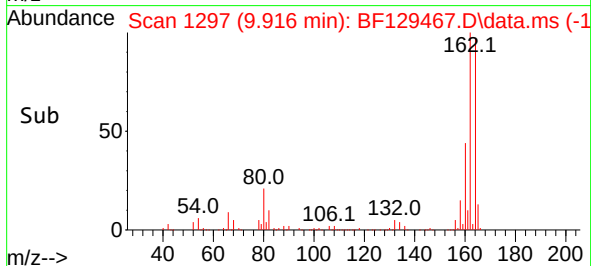
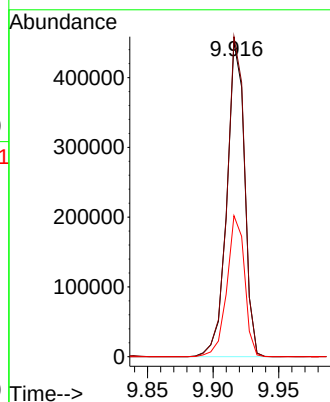
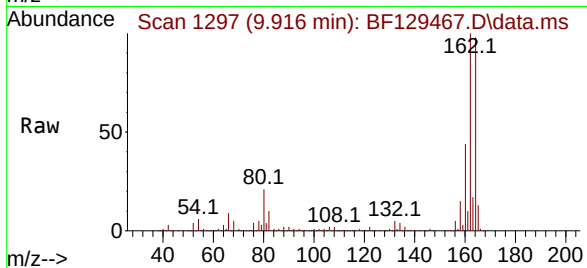
Tgt Ion:164 Resp: 424226

Ion Ratio Lower Upper

164 100

162 101.8 79.5 119.3

160 44.9 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.302 ng

RT: 9.039 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Tgt Ion:216 Resp: 493490

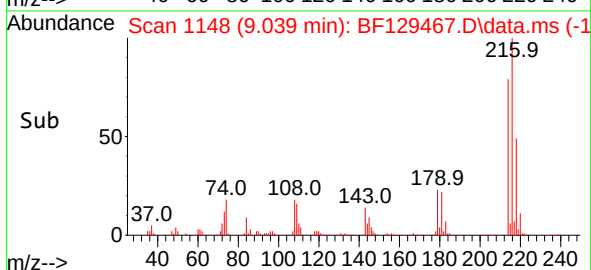
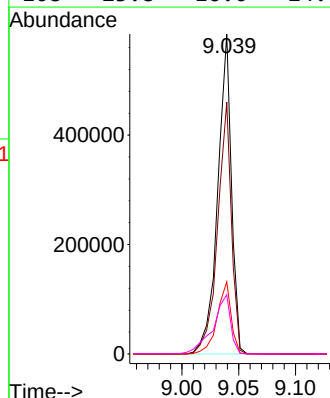
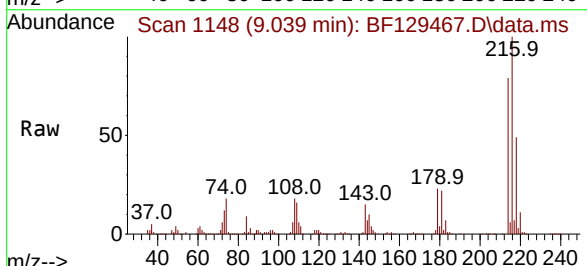
Ion Ratio Lower Upper

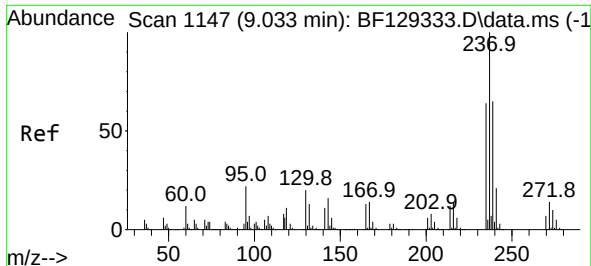
216 100

214 78.9 63.6 95.4

179 22.8 17.0 25.6

108 23.8 16.0 24.0

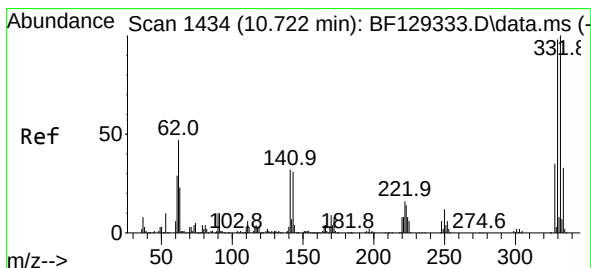
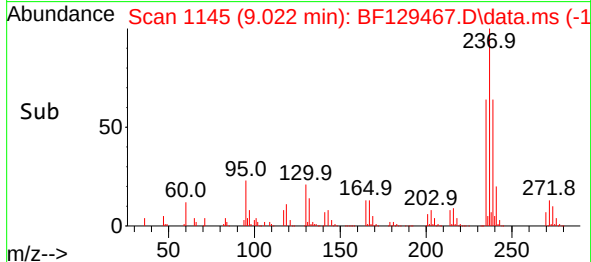
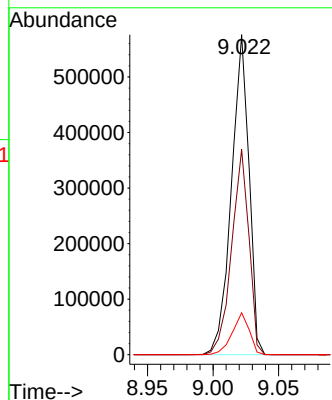
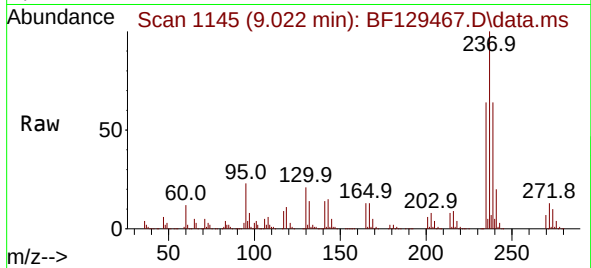




#41
Hexachlorocyclopentadiene
Concen: 108.062 ng
RT: 9.022 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

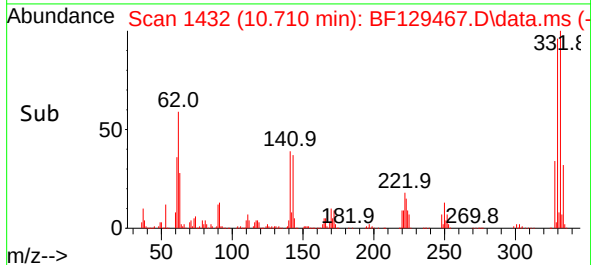
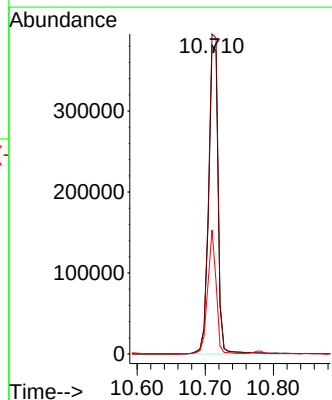
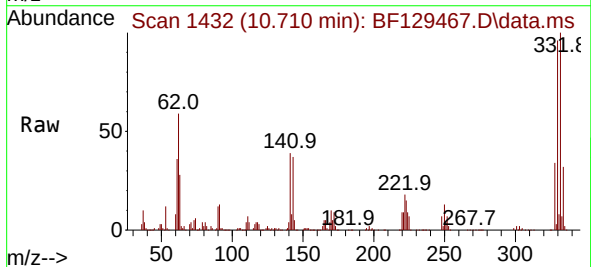
Instrument :
BNA_F
ClientSampleId :
PB146583BS

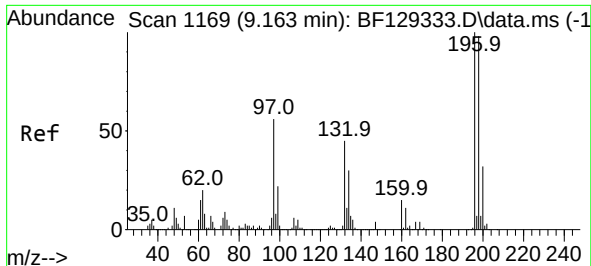
Tgt Ion:237 Resp: 536010
Ion Ratio Lower Upper
237 100
235 64.2 43.2 83.2
272 13.1 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 90.225 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:330 Resp: 367995
Ion Ratio Lower Upper
330 100
332 104.3 76.8 115.2
141 35.9 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 42.664 ng

RT: 9.157 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

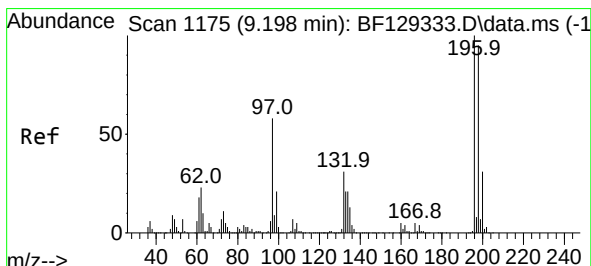
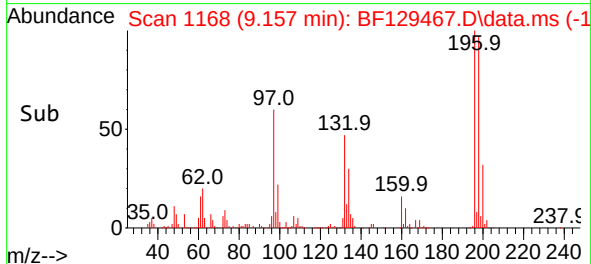
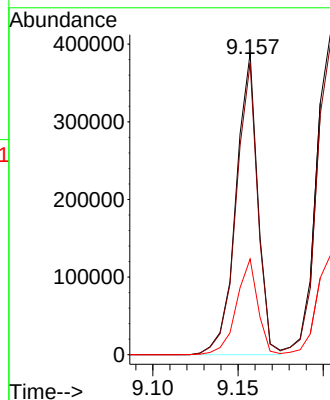
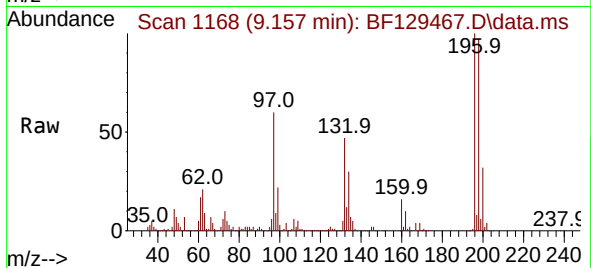
Tgt Ion:196 Resp: 345176

Ion Ratio Lower Upper

196 100

198 96.7 74.0 111.0

200 31.7 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 41.563 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.006 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Tgt Ion:196 Resp: 365688

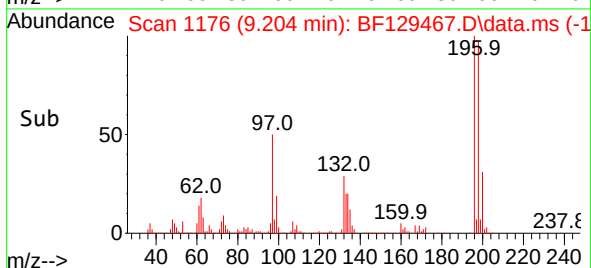
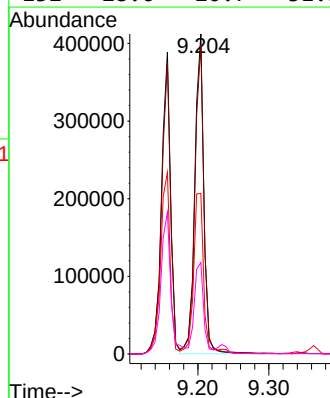
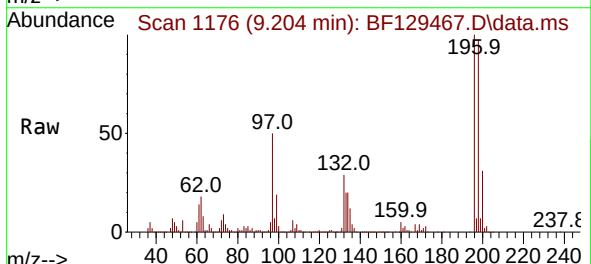
Ion Ratio Lower Upper

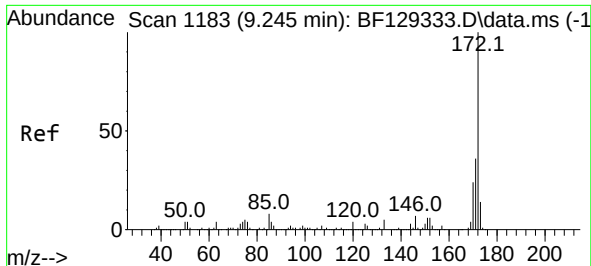
196 100

198 96.8 75.7 113.5

97 50.2 36.4 54.6

132 28.6 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 81.436 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

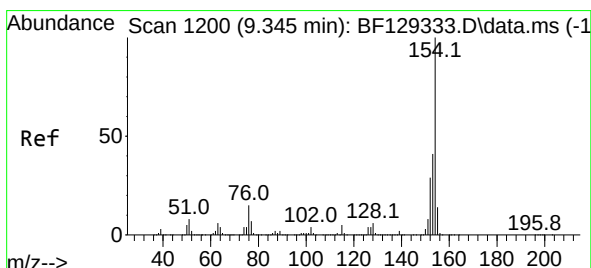
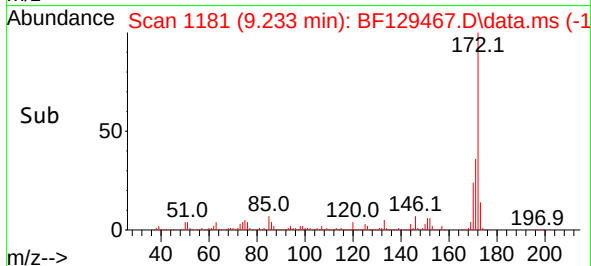
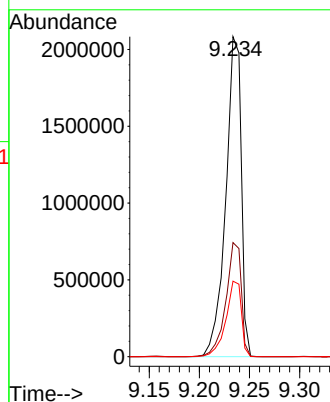
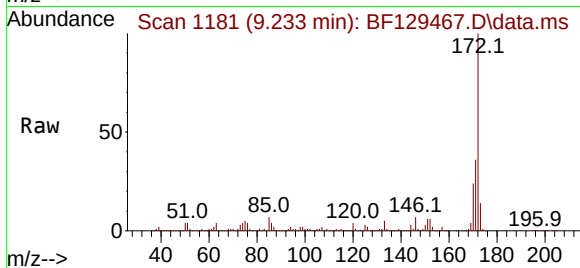
Tgt Ion:172 Resp: 2233260

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 19.8 29.8



#46

1,1'-Biphenyl

Concen: 44.190 ng

RT: 9.339 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

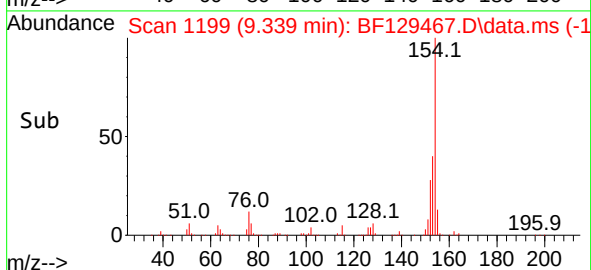
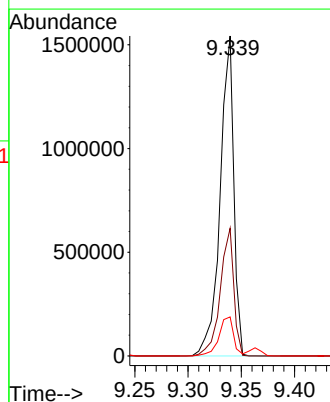
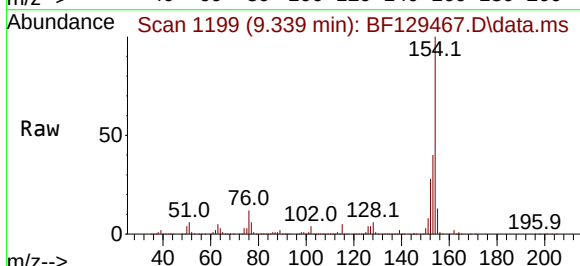
Tgt Ion:154 Resp: 1368122

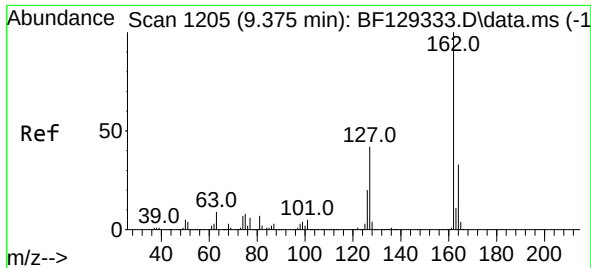
Ion Ratio Lower Upper

154 100

153 39.9 20.6 60.6

76 12.2 0.0 33.3

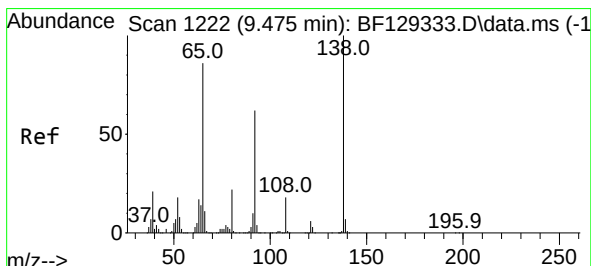
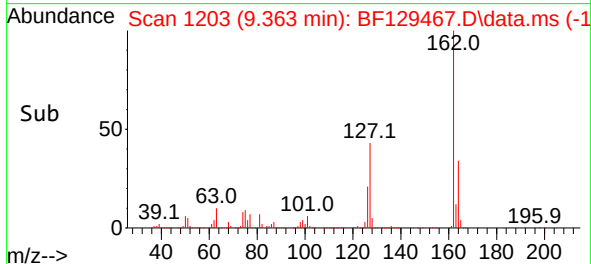
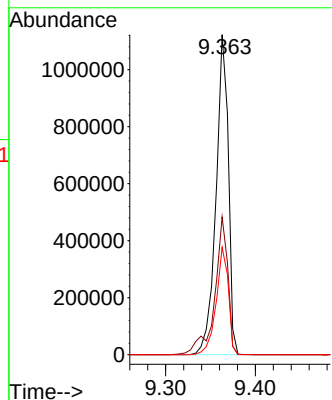
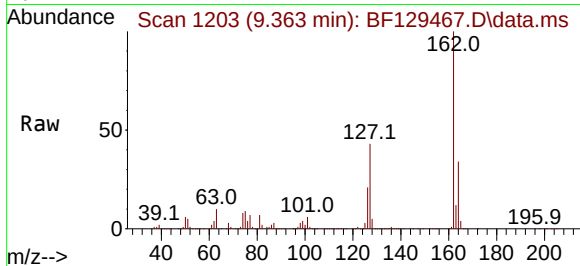




#47
2-Chloronaphthalene
Concen: 42.846 ng
RT: 9.363 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

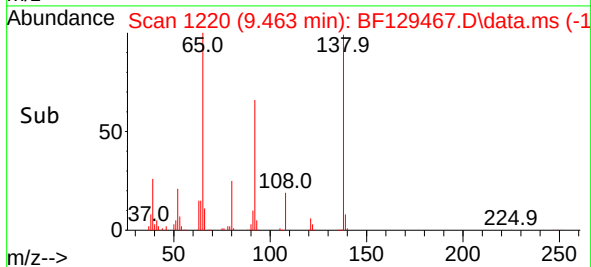
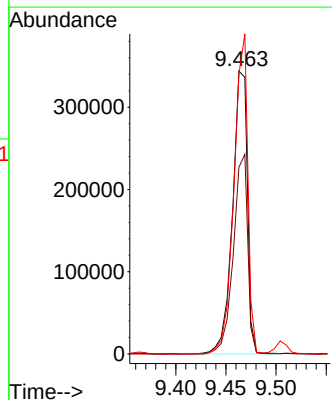
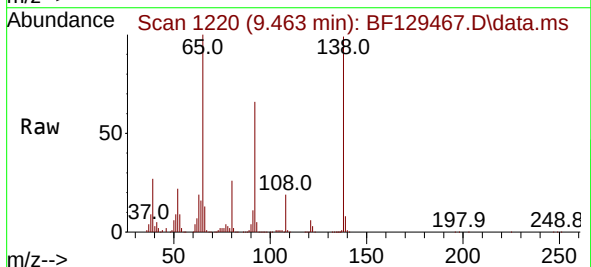
Instrument :
BNA_F
ClientSampleId :
PB146583BS

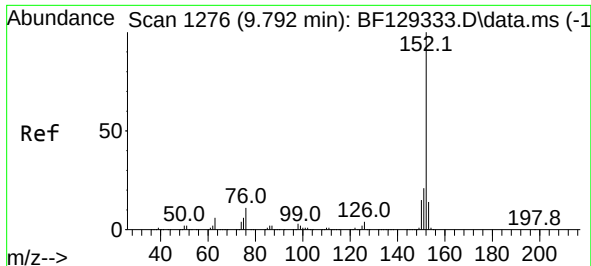
Tgt Ion:162 Resp: 1072362
Ion Ratio Lower Upper
162 100
127 43.1 34.5 51.7
164 33.5 26.5 39.7



#48
2-Nitroaniline
Concen: 42.583 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion: 65 Resp: 354395
Ion Ratio Lower Upper
65 100
92 66.0 51.9 77.9
138 98.8 76.4 114.6





#49

Acenaphthylene

Concen: 44.737 ng

RT: 9.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

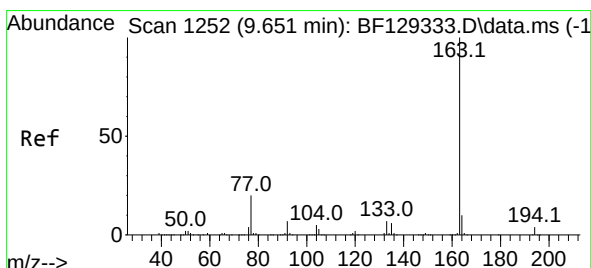
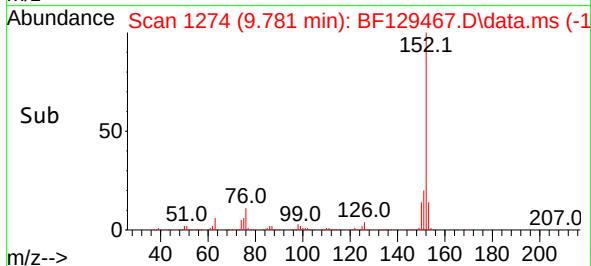
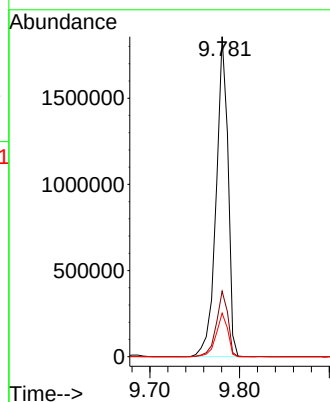
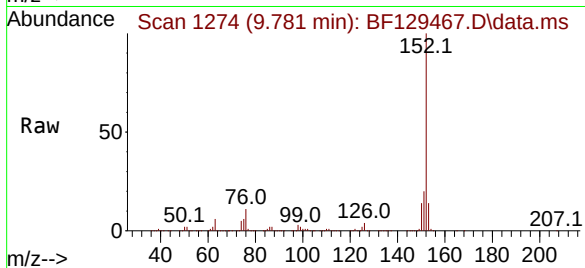
Tgt Ion:152 Resp: 1701356

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.6 10.7 16.1



#50

Dimethylphthalate

Concen: 43.260 ng

RT: 9.639 min Scan# 1250

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

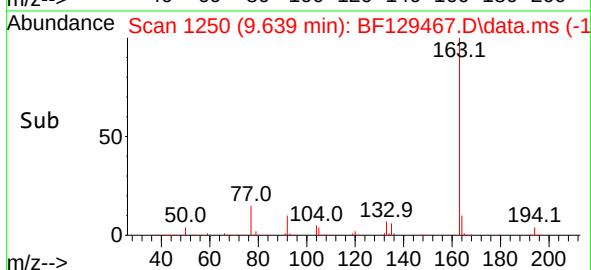
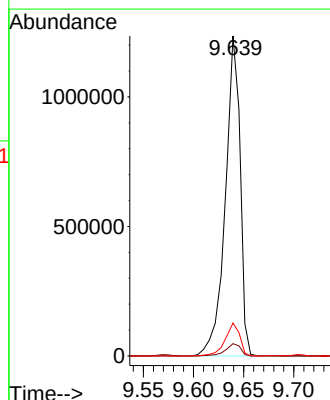
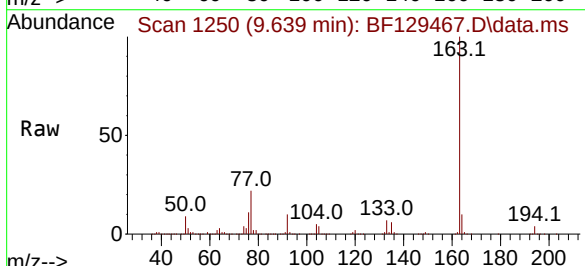
Tgt Ion:163 Resp: 1266902

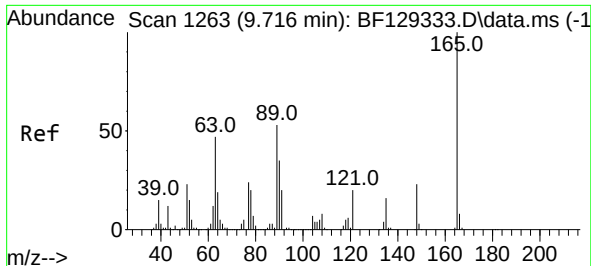
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.3 8.2 12.2

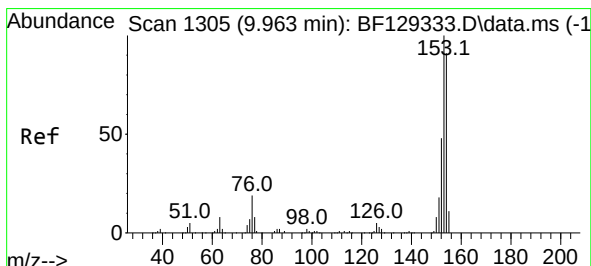
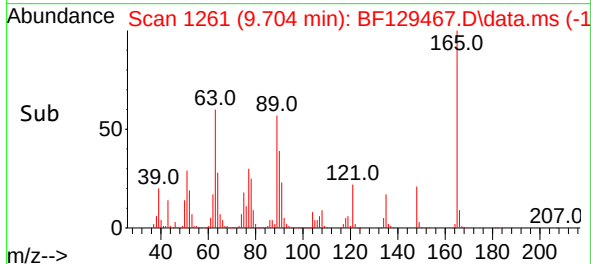
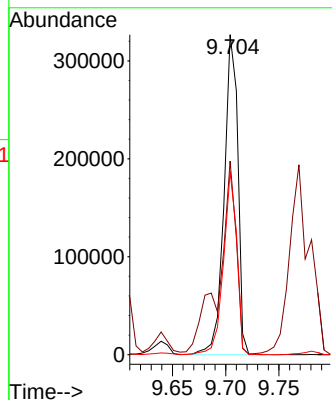
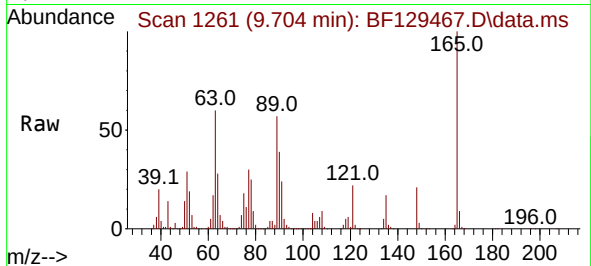




#51
2,6-Dinitrotoluene
Concen: 44.528 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

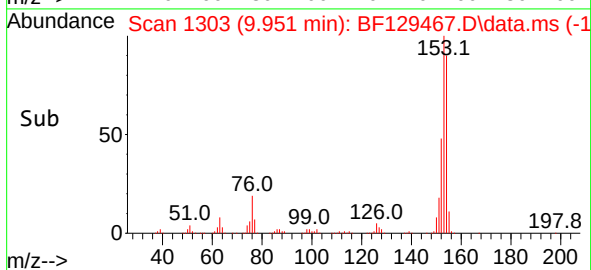
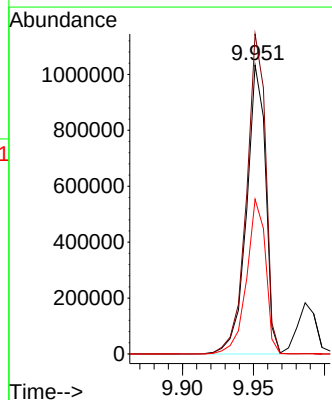
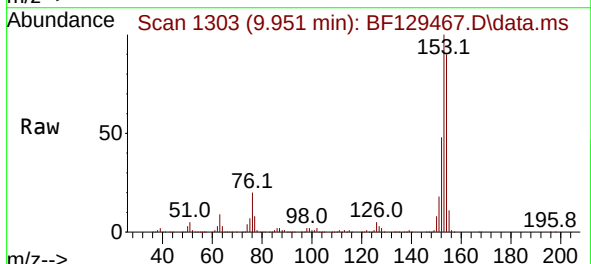
Instrument :
BNA_F
ClientSampleId :
PB146583BS

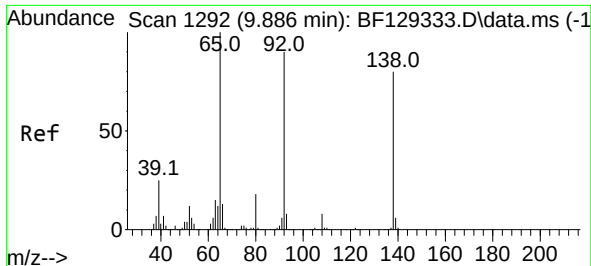
Tgt Ion:165 Resp: 291869
Ion Ratio Lower Upper
165 100
63 60.5 44.9 67.3
89 57.3 43.6 65.4



#52
Acenaphthene
Concen: 38.891 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:154 Resp: 966005
Ion Ratio Lower Upper
154 100
153 110.7 89.6 134.4
152 53.6 42.4 63.6

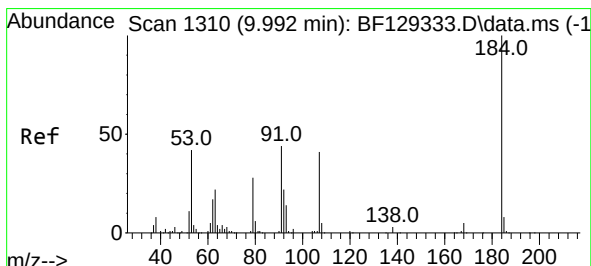
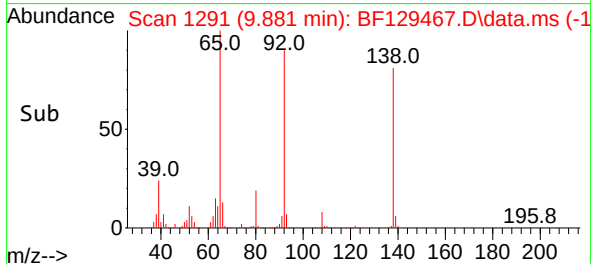
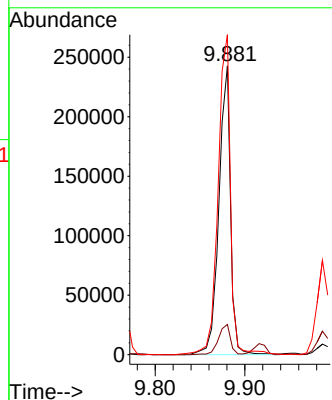
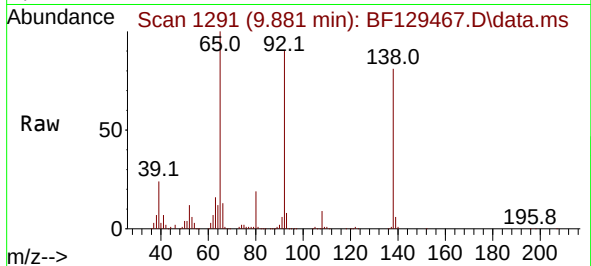




#53
3-Nitroaniline
Concen: 28.291 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

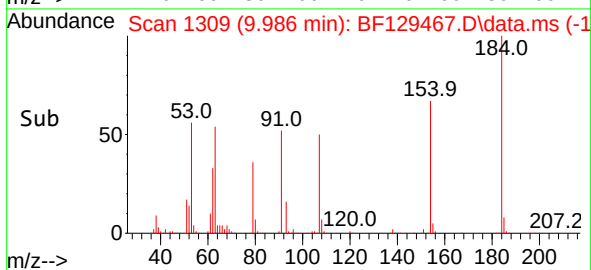
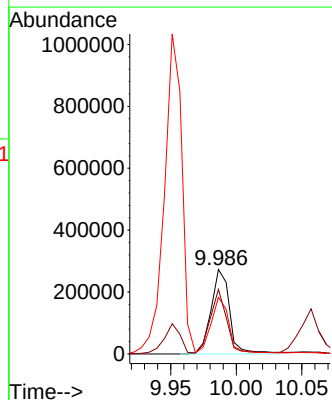
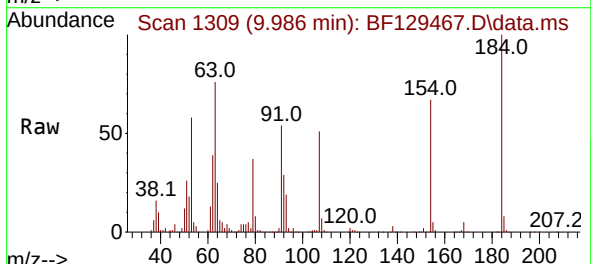
Instrument :
BNA_F
ClientSampleId :
PB146583BS

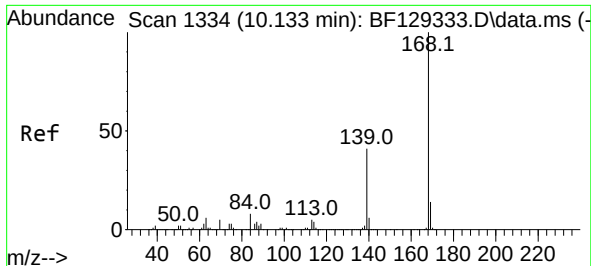
Tgt Ion:138 Resp: 218976
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3#
92 110.8 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 80.349 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:184 Resp: 268863
Ion Ratio Lower Upper
184 100
63 76.5 64.5 96.7
154 67.1 50.6 75.8

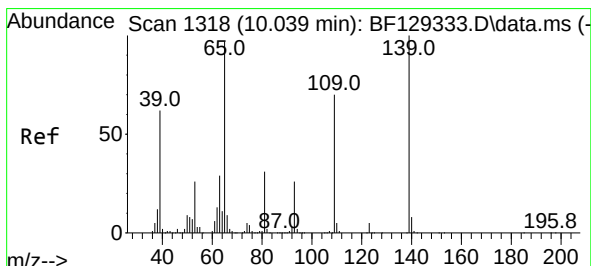
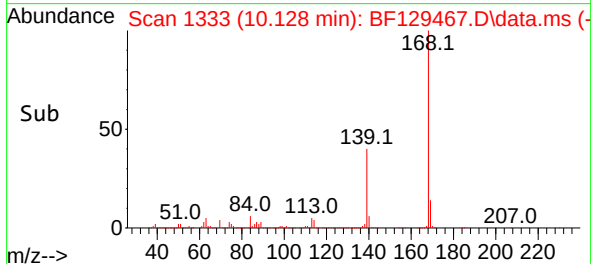
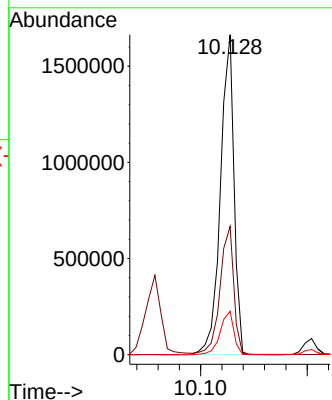
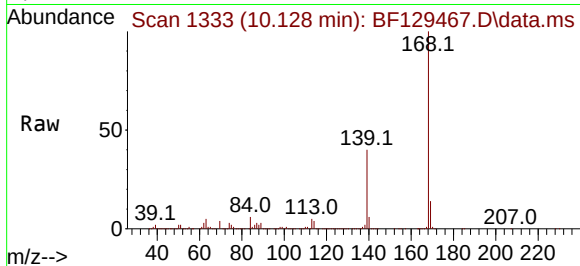




#55
Dibenzenofuran
Concen: 42.844 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

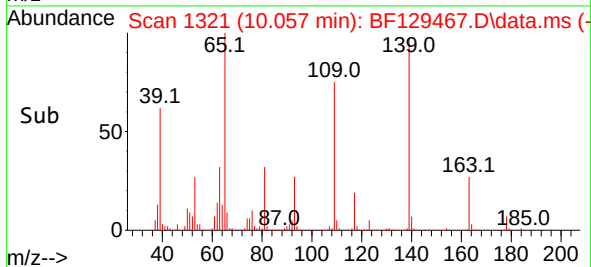
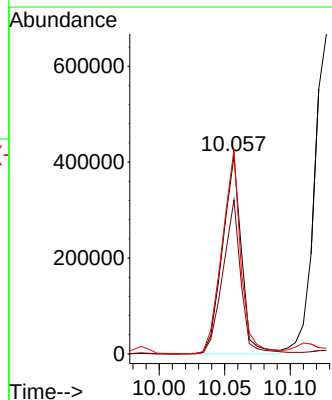
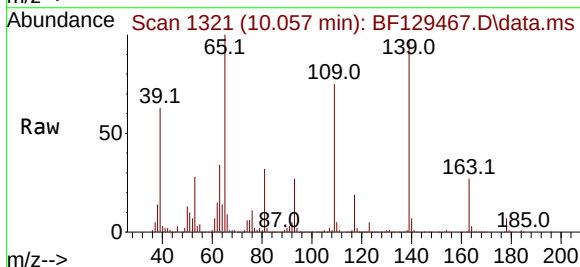
Instrument :
BNA_F
ClientSampleId :
PB146583BS

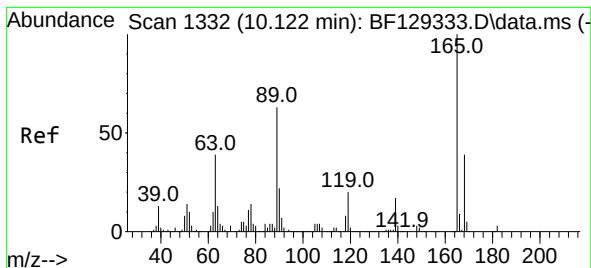
Tgt Ion:168 Resp: 1467023
Ion Ratio Lower Upper
168 100
139 40.1 30.6 46.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 72.859 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:139 Resp: 416039
Ion Ratio Lower Upper
139 100
109 77.9 50.7 90.7
65 103.4 74.5 114.5

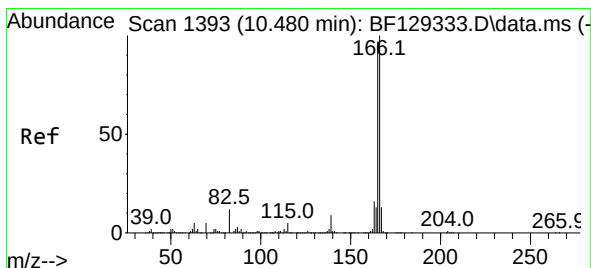
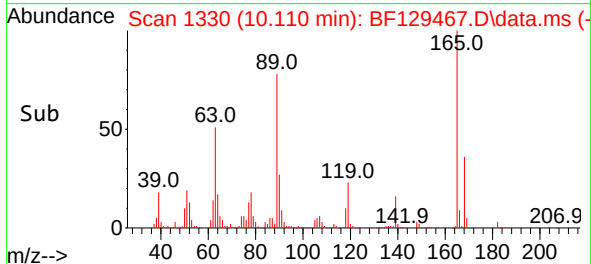
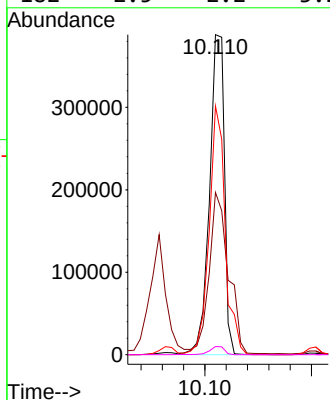
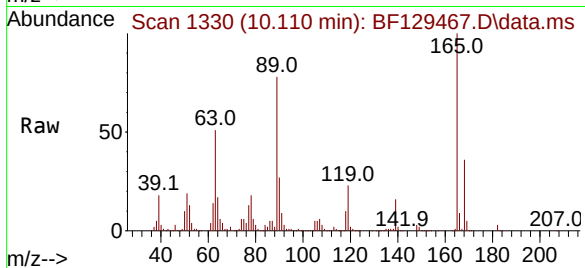




#57
2,4-Dinitrotoluene
Concen: 44.096 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

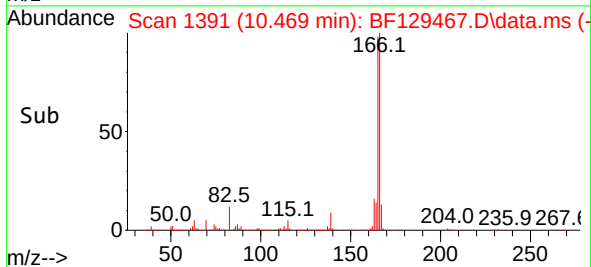
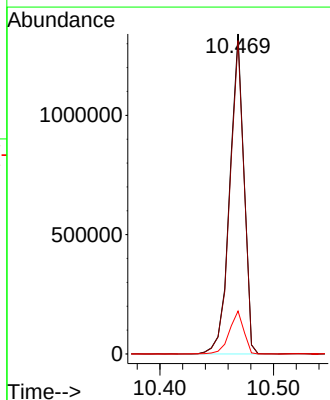
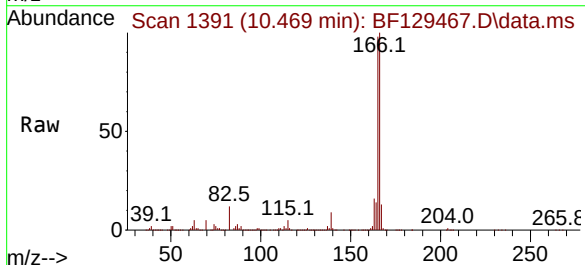
Instrument :
BNA_F
ClientSampleId :
PB146583BS

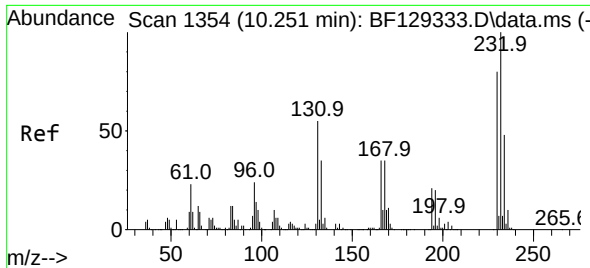
Tgt Ion:165 Resp: 377583
Ion Ratio Lower Upper
165 100
63 50.7 39.8 59.6
89 77.7 60.2 90.2
182 2.5 2.2 3.2



#58
Fluorene
Concen: 42.286 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:166 Resp: 1158515
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.4 10.5 15.7

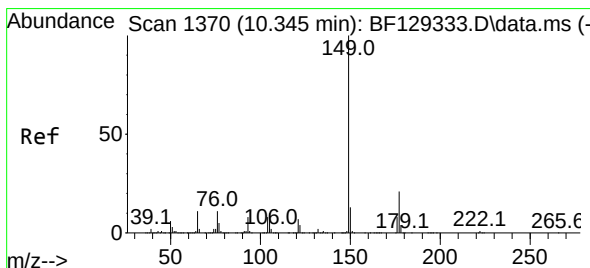
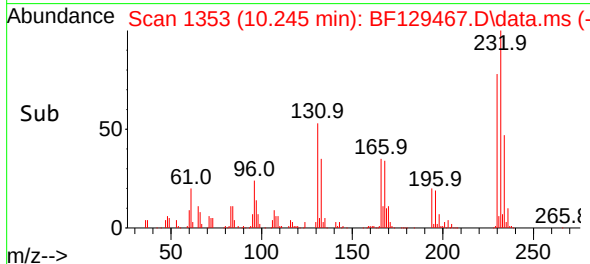
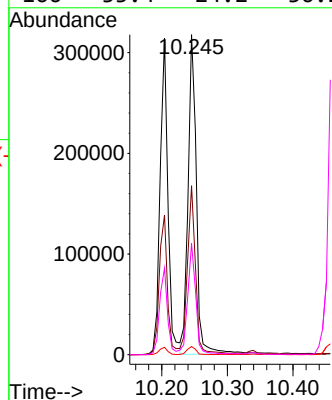
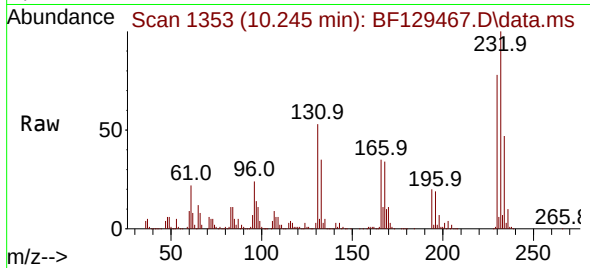




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.012 ng
RT: 10.245 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

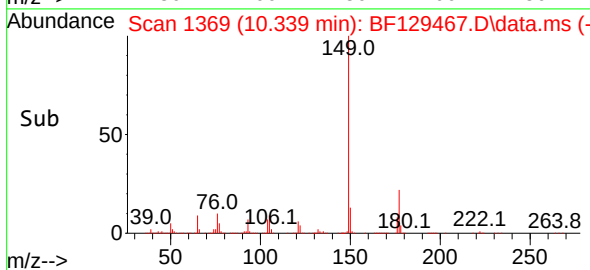
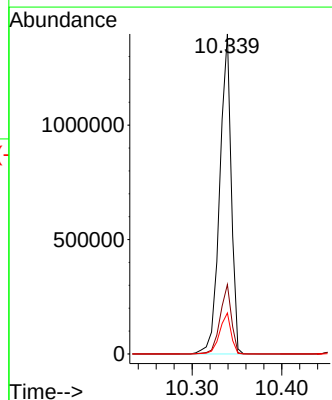
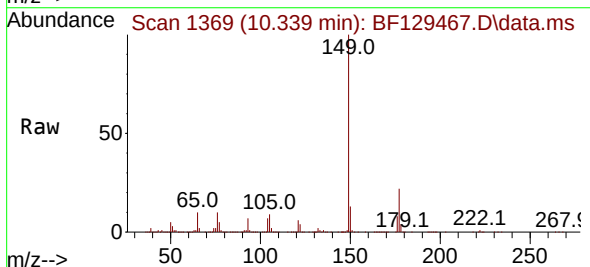
Instrument :
BNA_F
ClientSampleId :
PB146583BS

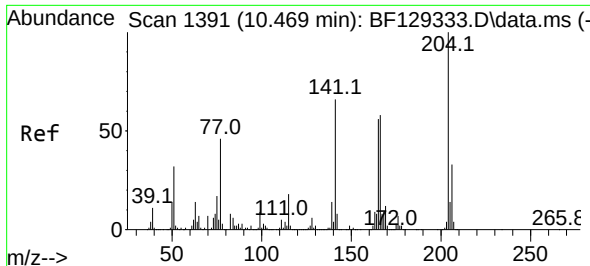
Tgt Ion:232 Resp: 278848
Ion Ratio Lower Upper
232 100
131 49.8 36.1 54.1
130 2.6 1.8 2.8
166 33.4 24.2 36.2



#60
Diethylphthalate
Concen: 43.818 ng
RT: 10.339 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:149 Resp: 1240504
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 12.8 10.2 15.2

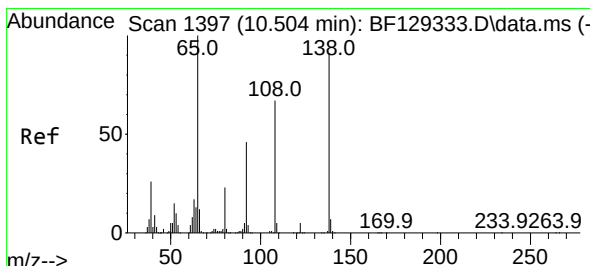
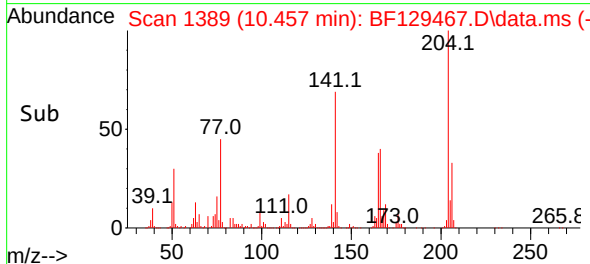
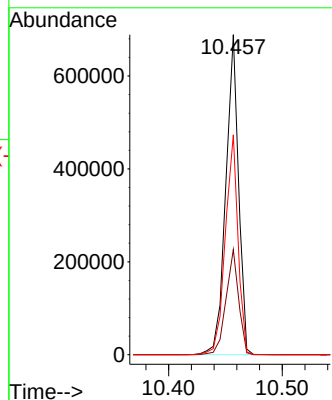
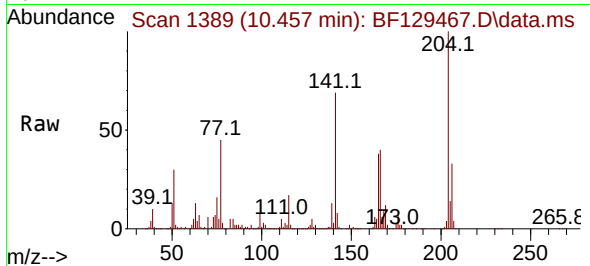




#61
4-Chlorophenyl-phenylether
Concen: 44.695 ng
RT: 10.457 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

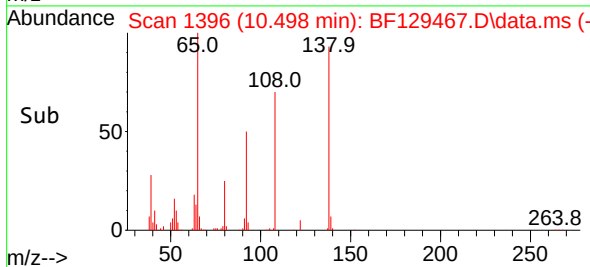
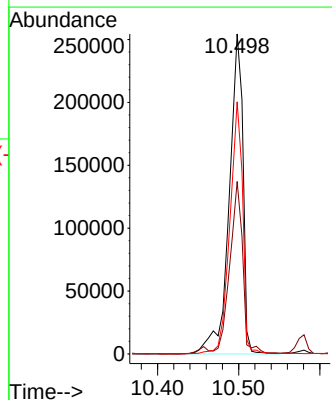
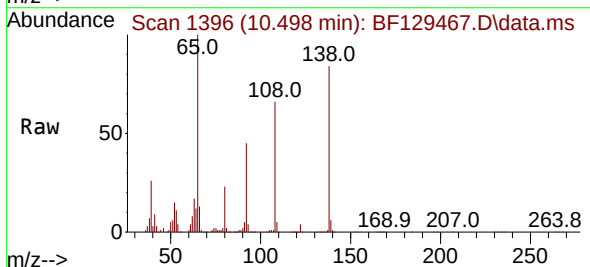
Instrument :
BNA_F
ClientSampleId :
PB146583BS

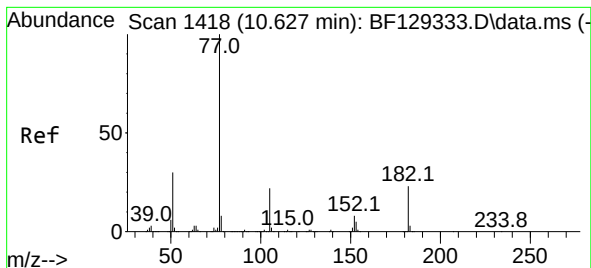
Tgt Ion:204 Resp: 539836
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 68.7 47.0 70.4



#62
4-Nitroaniline
Concen: 39.114 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:138 Resp: 300325
Ion Ratio Lower Upper
138 100
92 53.9 33.5 73.5
108 78.8 61.0 101.0





#63

Azobenzene

Concen: 41.976 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

Tgt Ion: 77 Resp: 1212064

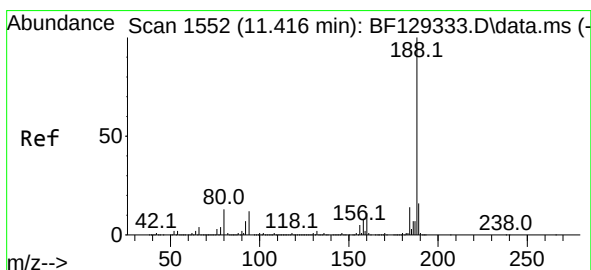
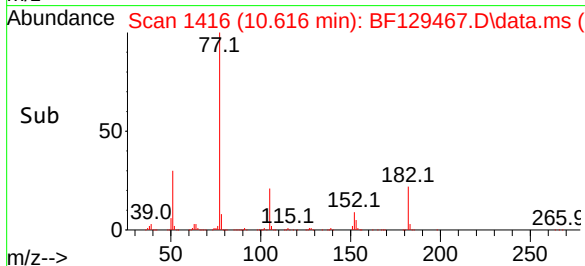
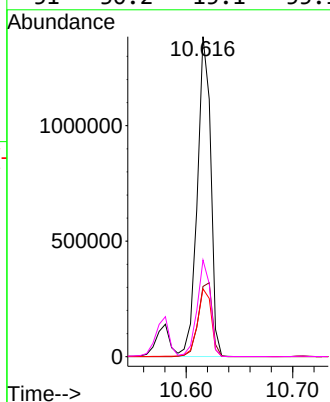
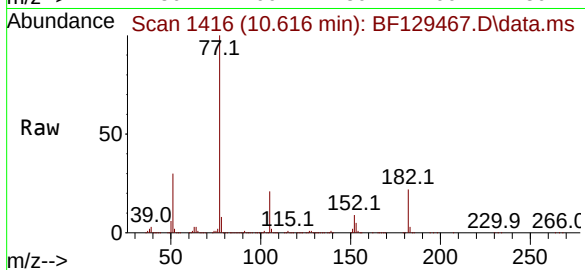
Ion Ratio Lower Upper

77 100

182 22.0 5.6 45.6

105 21.2 1.6 41.6

51 30.2 15.1 55.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

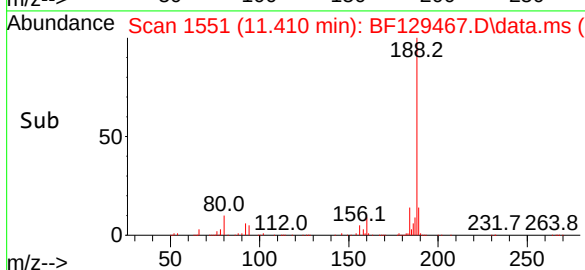
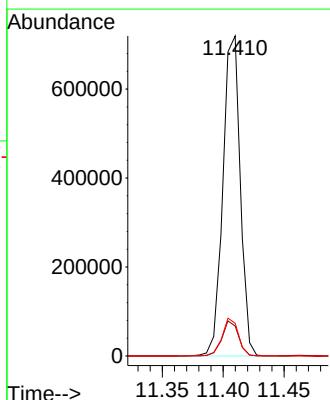
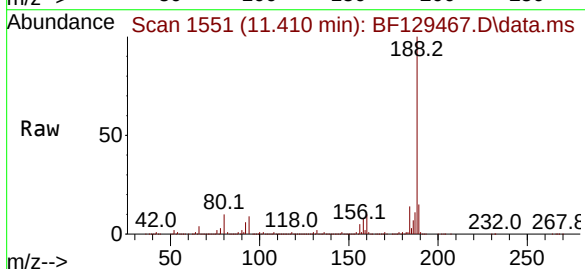
Tgt Ion: 188 Resp: 715138

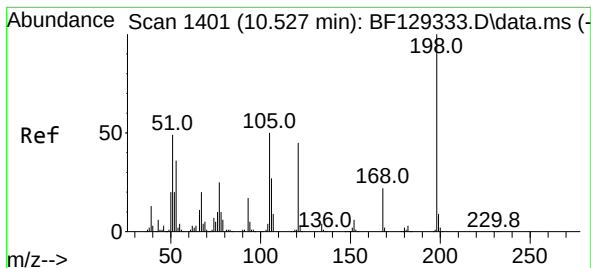
Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

80 10.3 7.6 11.4

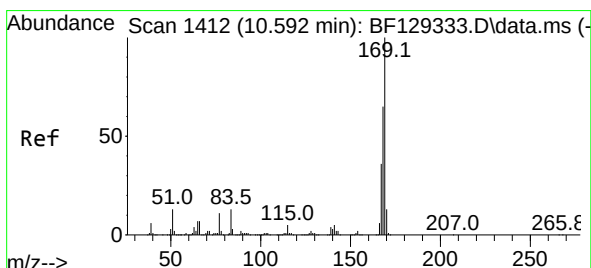
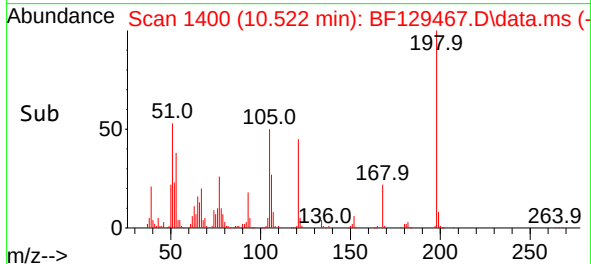
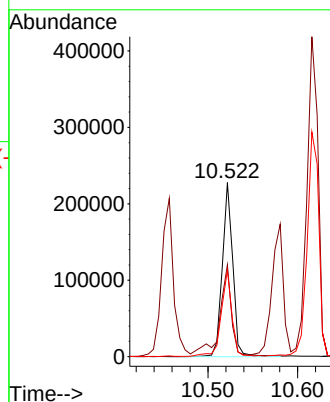
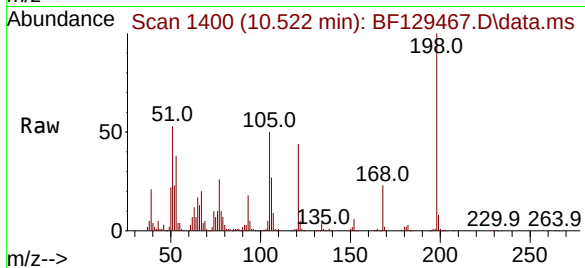




#65
4,6-Dinitro-2-methylphenol
Concen: 40.985 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

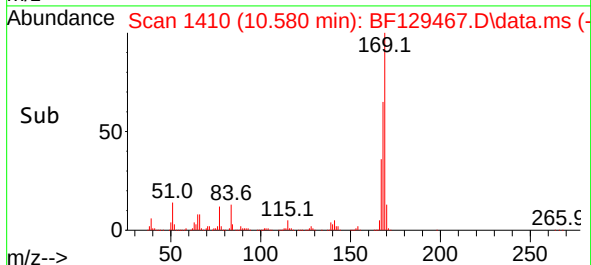
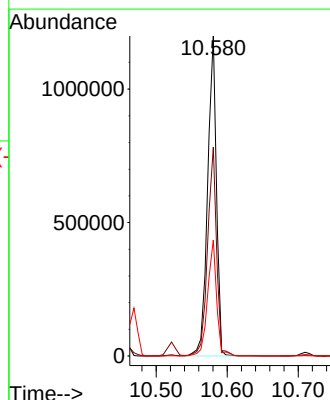
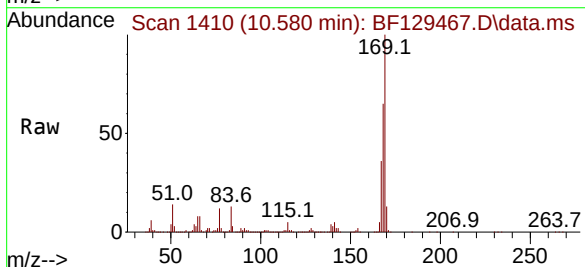
Instrument :
BNA_F
ClientSampleId :
PB146583BS

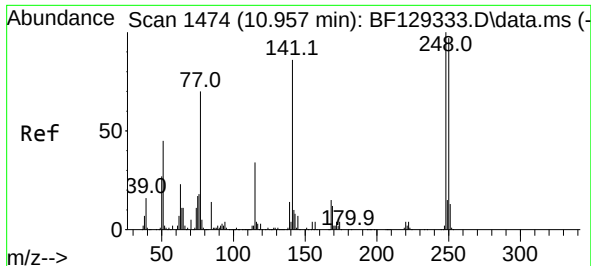
Tgt Ion:198 Resp: 184996
Ion Ratio Lower Upper
198 100
51 52.7 37.6 77.6
105 49.8 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 43.539 ng
RT: 10.580 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:169 Resp: 1036926
Ion Ratio Lower Upper
169 100
168 65.3 50.1 75.1
167 36.2 27.9 41.9

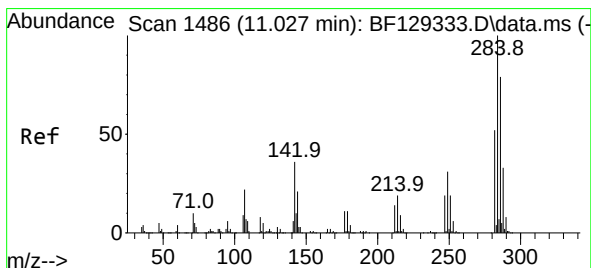
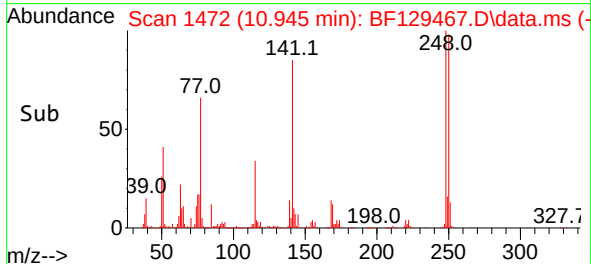
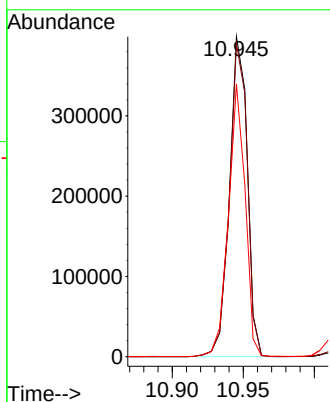
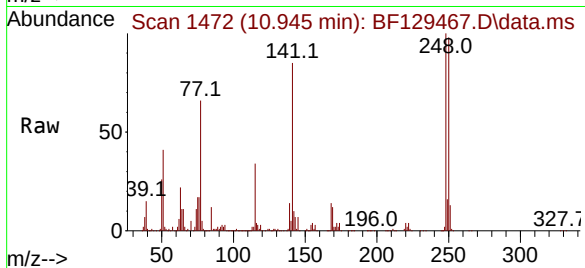




#67
4-Bromophenyl-phenylether
Concen: 44.712 ng
RT: 10.945 min Scan# 1474
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

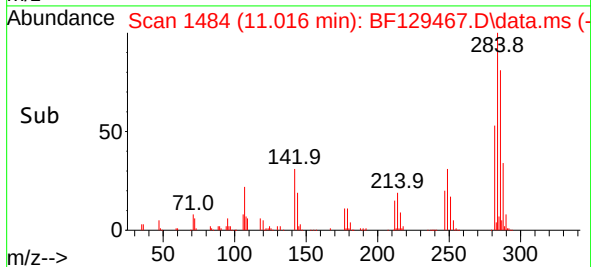
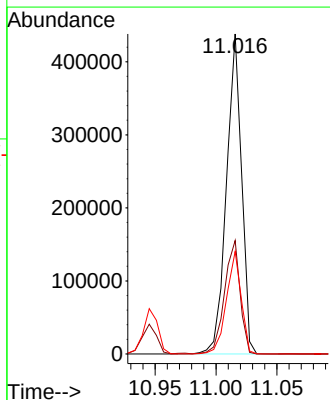
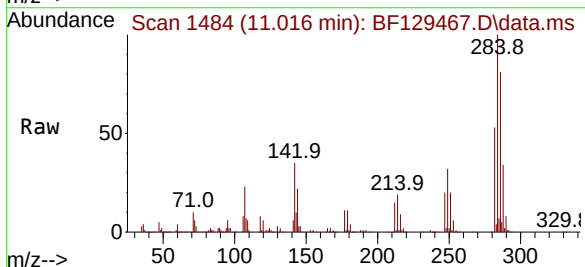
Instrument :
BNA_F
ClientSampleId :
PB146583BS

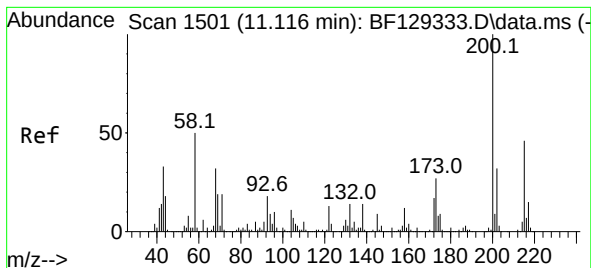
Tgt Ion:248 Resp: 350137
Ion Ratio Lower Upper
248 100
250 97.8 80.6 120.8
141 85.2 58.9 88.3



#68
Hexachlorobenzene
Concen: 44.684 ng
RT: 11.016 min Scan# 1484
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:284 Resp: 379149
Ion Ratio Lower Upper
284 100
142 35.4 29.0 43.4
249 32.1 25.0 37.6





#69

Atrazine

Concen: 46.851 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

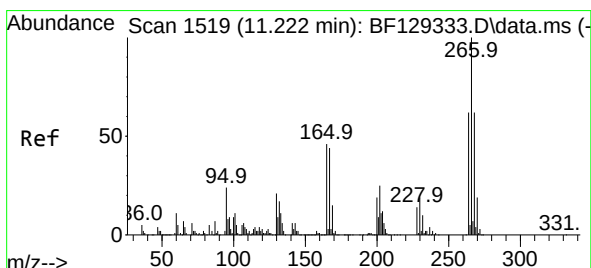
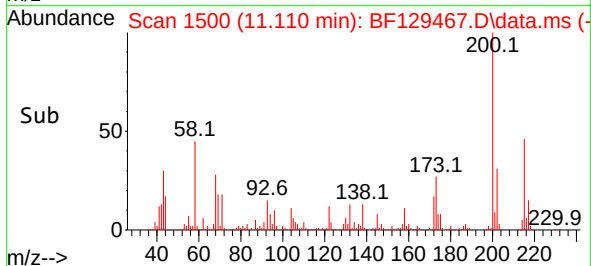
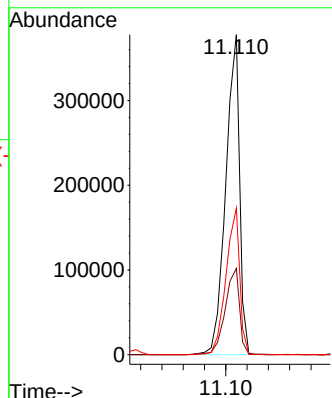
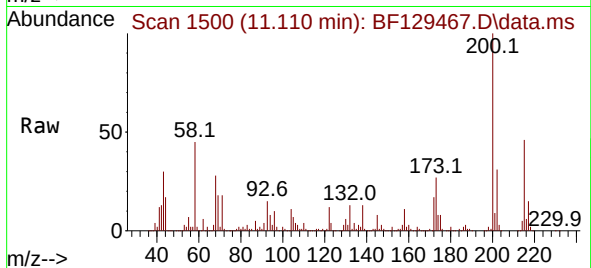
Tgt Ion:200 Resp: 338918

Ion Ratio Lower Upper

200 100

173 26.9 6.3 46.3

215 45.8 28.3 68.3



#70

Pentachlorophenol

Concen: 74.282 ng

RT: 11.216 min Scan# 1518

Delta R.T. 0.006 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

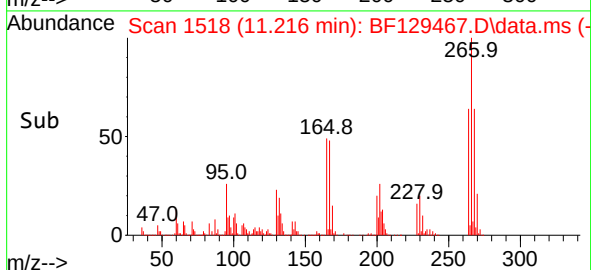
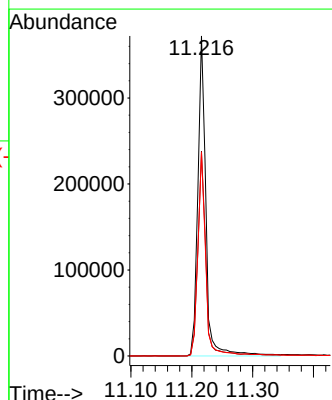
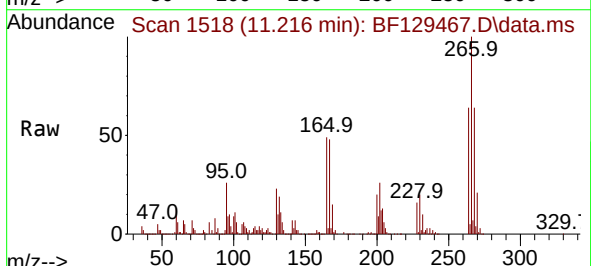
Tgt Ion:266 Resp: 342646

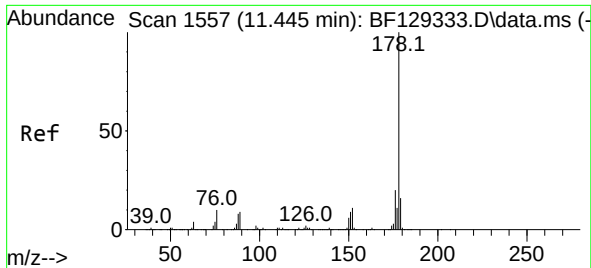
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.4

264 63.5 49.4 74.2

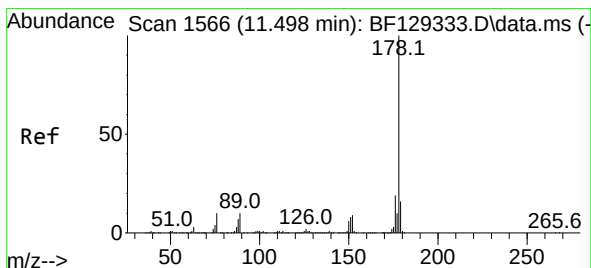
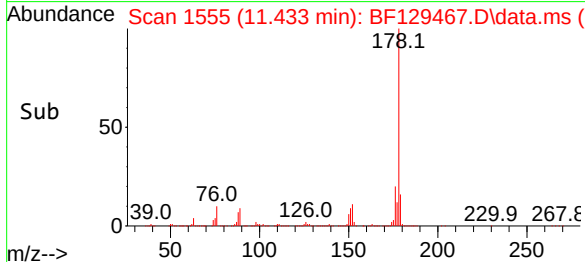
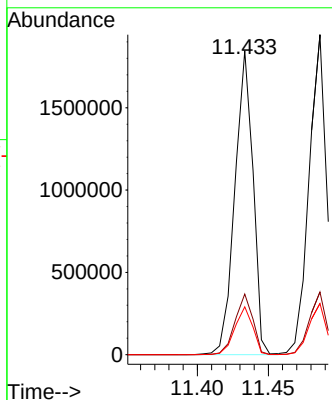
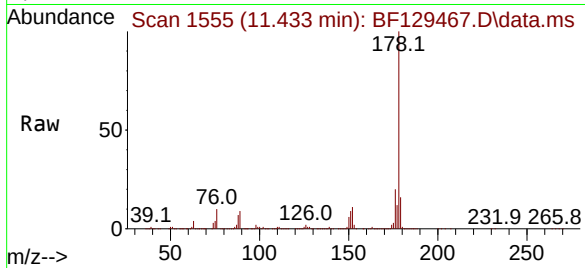




#71
Phenanthrene
Concen: 42.161 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

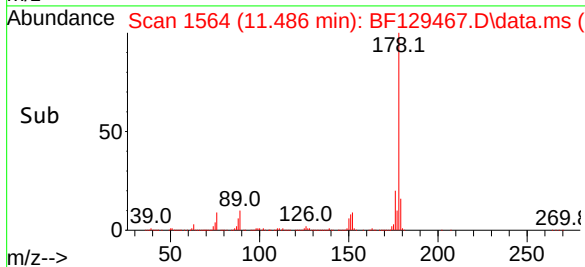
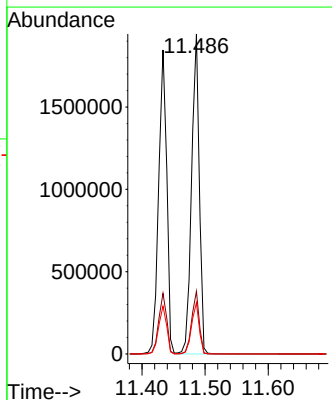
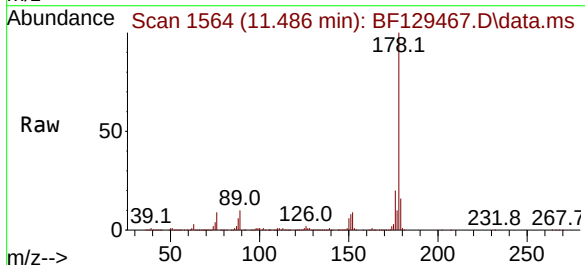
Instrument :
BNA_F
ClientSampleId :
PB146583BS

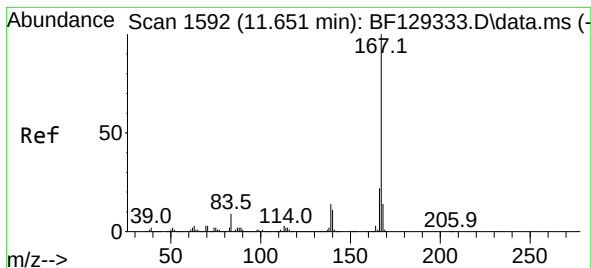
Tgt Ion:178 Resp: 1645872
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.7 12.6 19.0



#72
Anthracene
Concen: 43.310 ng
RT: 11.486 min Scan# 1564
Delta R.T. 0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:178 Resp: 1661474
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.0 12.6 19.0





#73

Carbazole

Concen: 42.765 ng

RT: 11.645 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

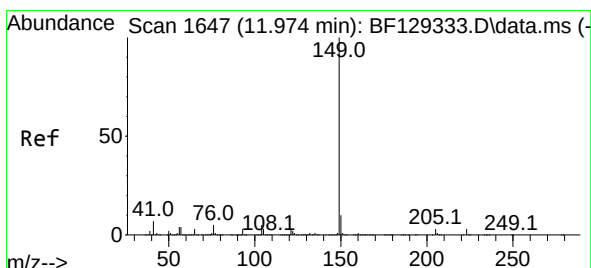
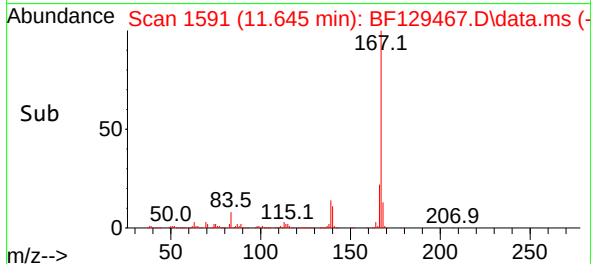
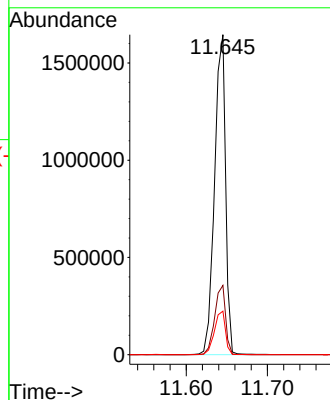
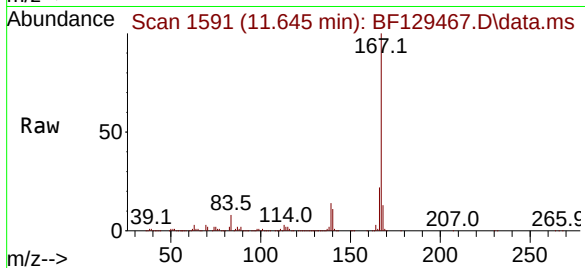
Tgt Ion:167 Resp: 1544359

Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

139 13.6 11.2 16.8



#74

Di-n-butylphthalate

Concen: 44.210 ng

RT: 11.957 min Scan# 1644

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

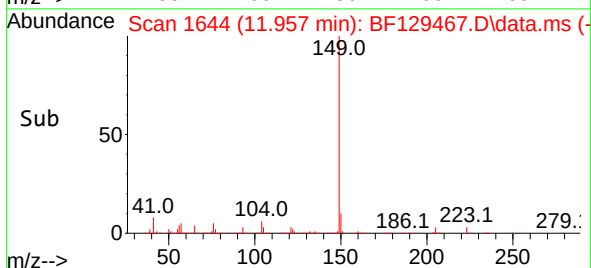
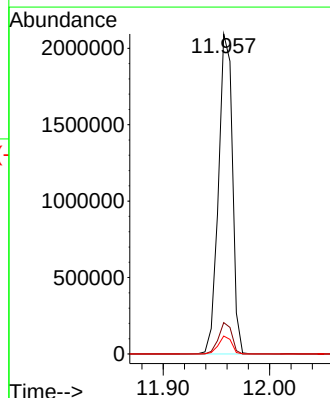
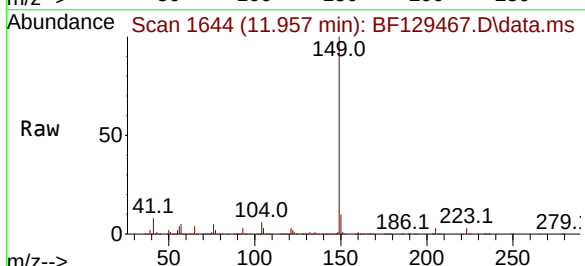
Tgt Ion:149 Resp: 1901283

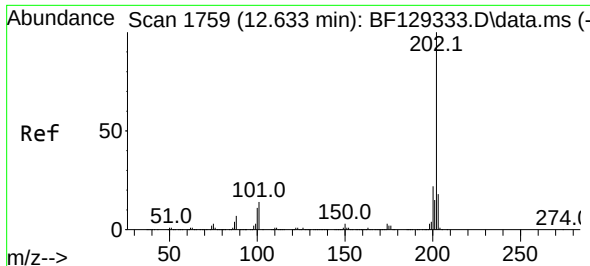
Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

104 5.6 4.4 6.6

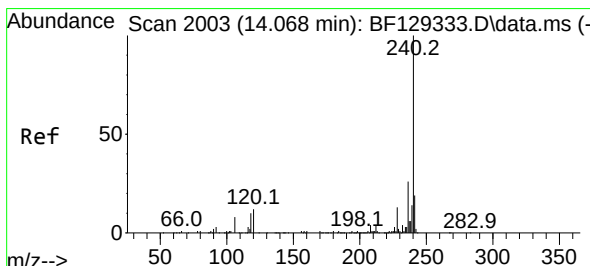
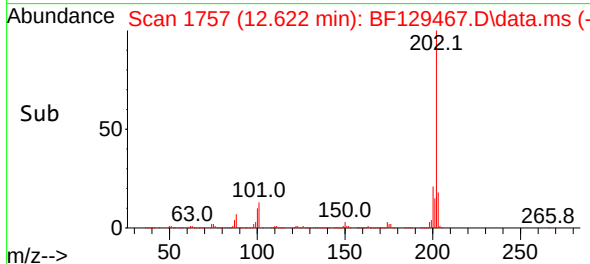
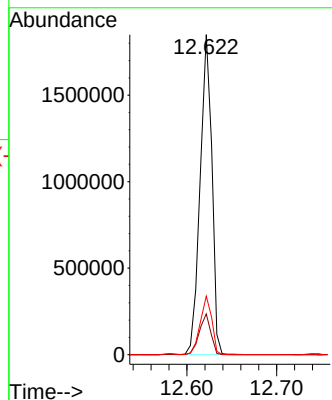
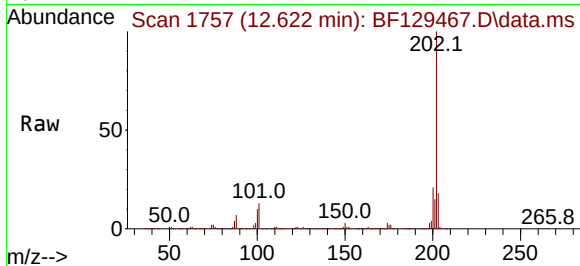




#75
Fluoranthene
Concen: 42.503 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

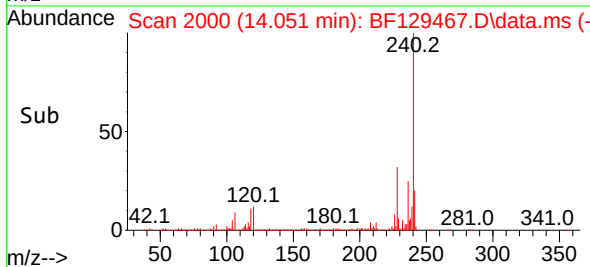
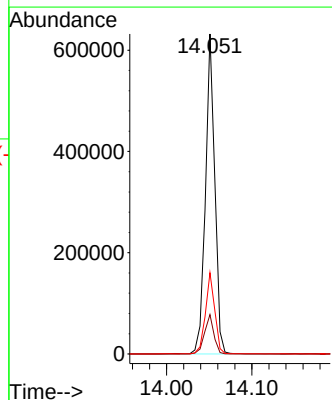
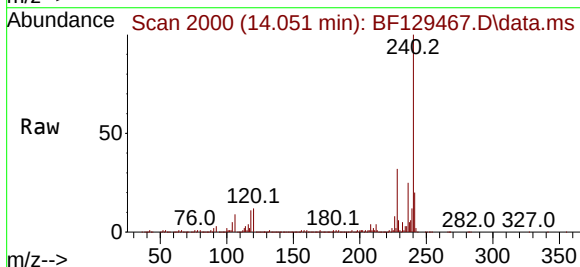
Instrument :
BNA_F
ClientSampleId :
PB146583BS

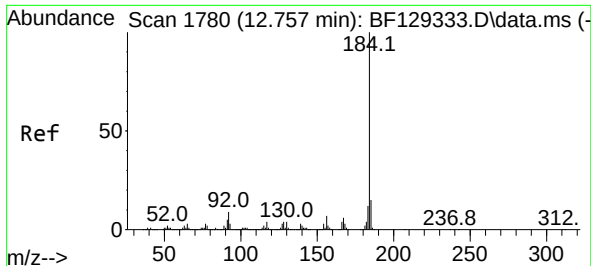
Tgt Ion:202 Resp: 1681163
Ion Ratio Lower Upper
202 100
101 12.8 0.0 31.4
203 18.3 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:240 Resp: 480774
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.4 20.8 31.2

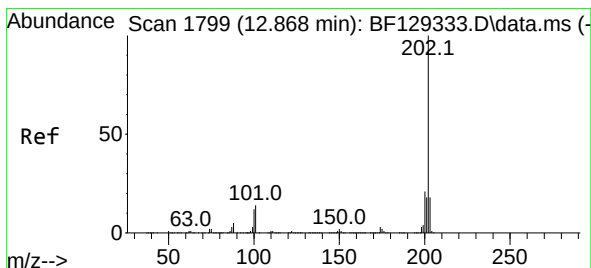
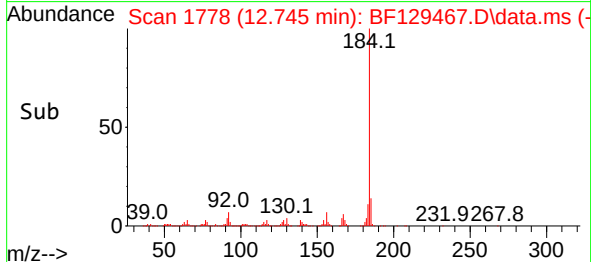
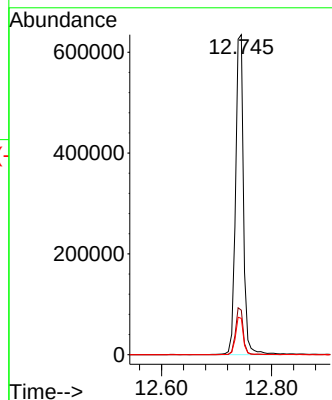
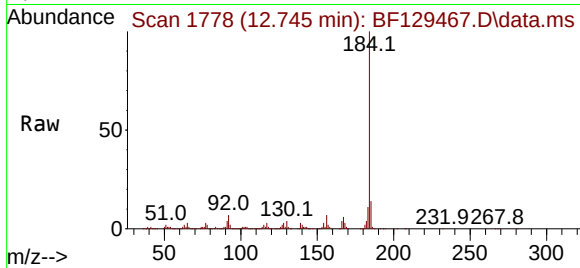




#77
Benzidine
Concen: 37.615 ng
RT: 12.745 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

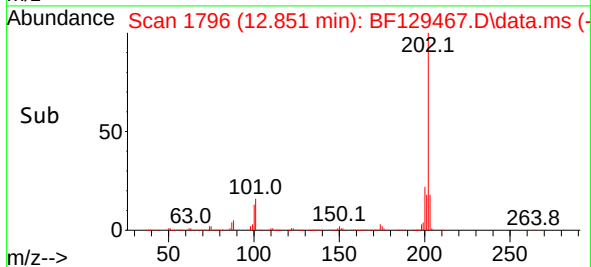
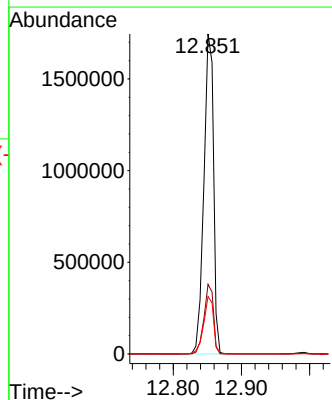
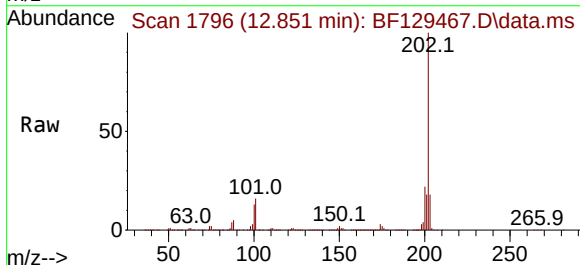
Instrument :
BNA_F
ClientSampleId :
PB146583BS

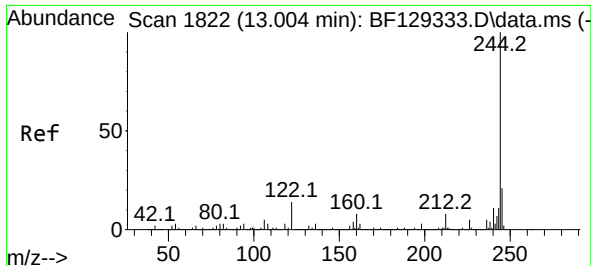
Tgt Ion:184 Resp: 638878
Ion Ratio Lower Upper
184 100
185 13.9 11.9 17.9
183 11.4 9.3 13.9



#78
Pyrene
Concen: 42.707 ng
RT: 12.851 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:202 Resp: 1716963
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 17.9 14.6 21.8

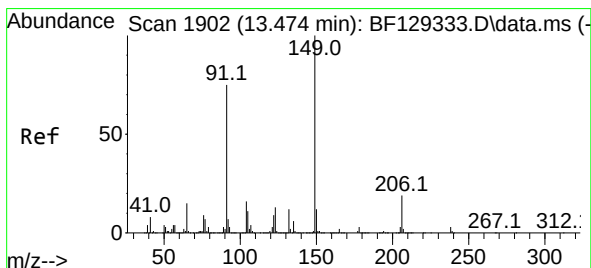
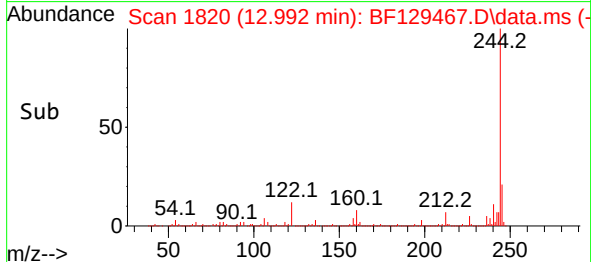
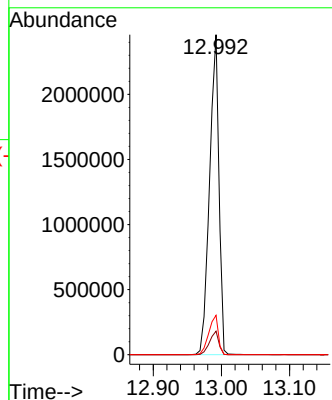
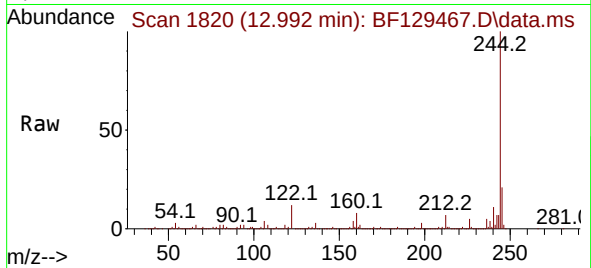




#79
 Terphenyl-d14
 Concen: 92.577 ng
 RT: 12.992 min Scan# 1820
 Delta R.T. 0.006 min
 Lab File: BF129467.D
 Acq: 01 Aug 2022 11:42

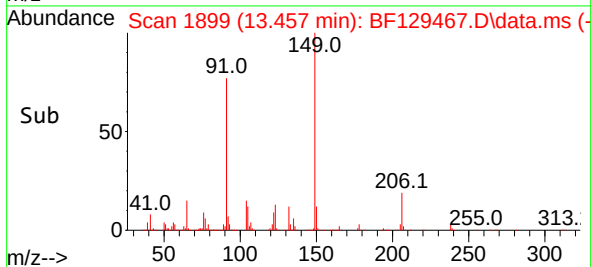
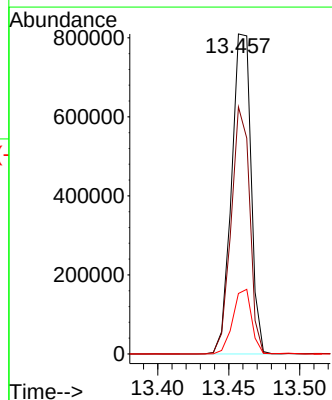
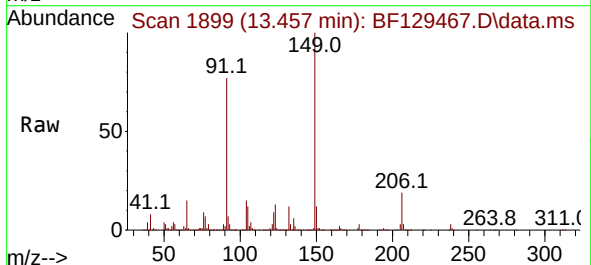
Instrument :
 BNA_F
 ClientSampleId :
 PB146583BS

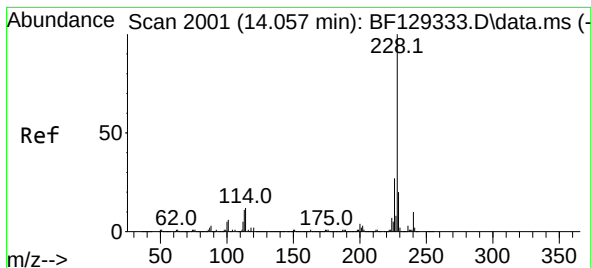
Tgt Ion:244 Resp: 2359212
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 12.3 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 44.411 ng
 RT: 13.457 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: BF129467.D
 Acq: 01 Aug 2022 11:42

Tgt Ion:149 Resp: 774448
 Ion Ratio Lower Upper
 149 100
 91 77.2 61.2 91.8
 206 18.9 15.7 23.5





#81

Benzo(a)anthracene

Concen: 43.046 ng

RT: 14.039 min Scan# 1998

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

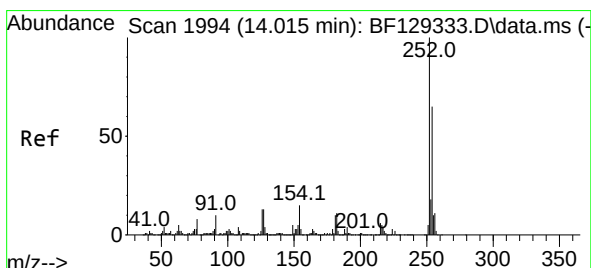
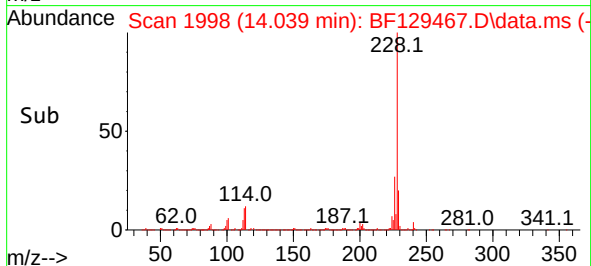
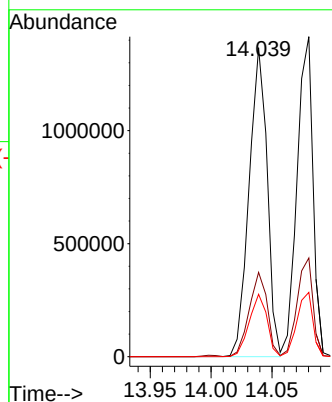
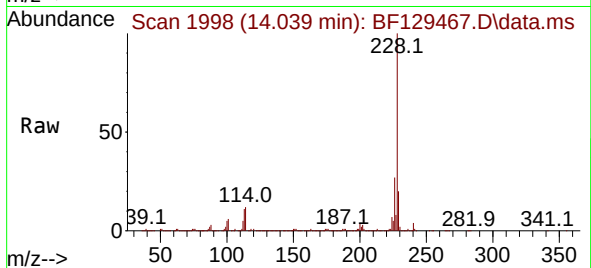
Tgt Ion:228 Resp: 1413695

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 20.2 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 26.370 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

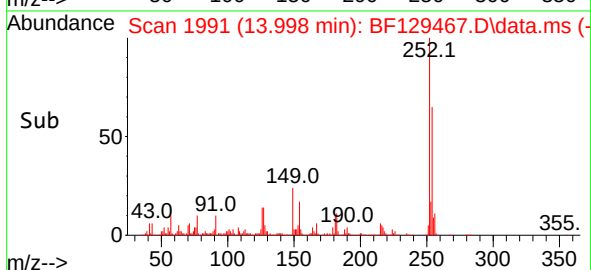
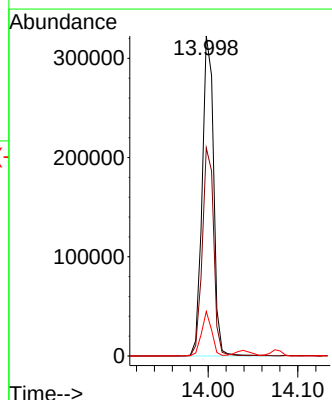
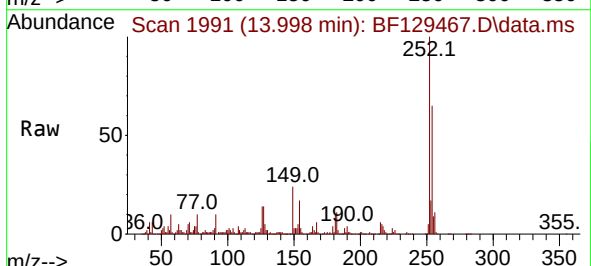
Tgt Ion:252 Resp: 285937

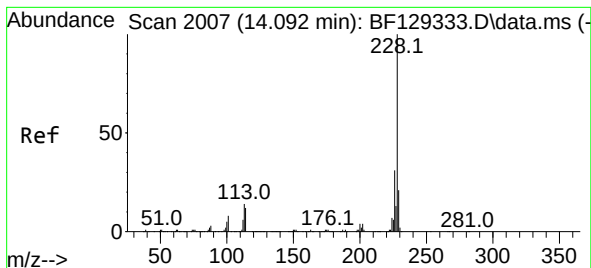
Ion Ratio Lower Upper

252 100

254 65.1 50.2 75.4

126 13.9 8.2 12.4#





#83

Chrysene

Concen: 41.666 ng

RT: 14.080 min Scan# 2007

Delta R.T. 0.006 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

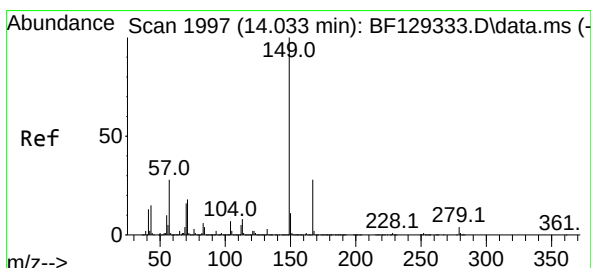
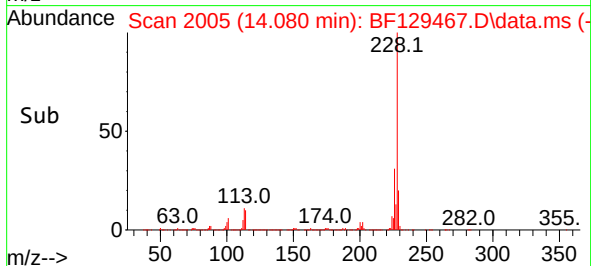
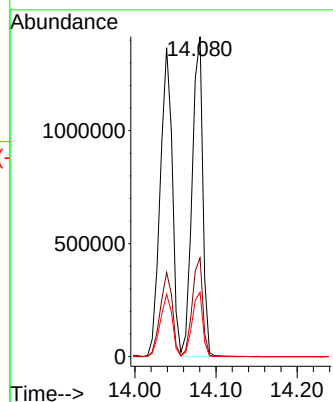
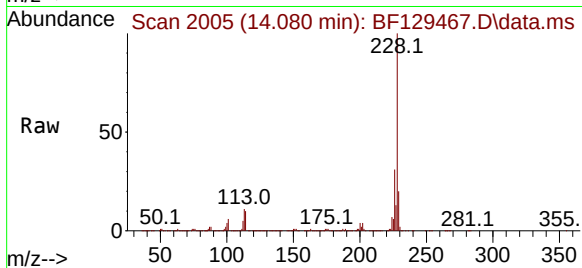
Tgt Ion:228 Resp: 1289645

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 20.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.536 ng

RT: 14.010 min Scan# 1993

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

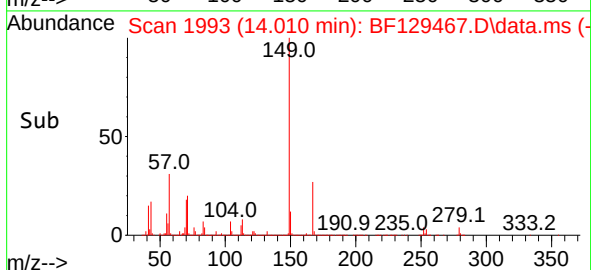
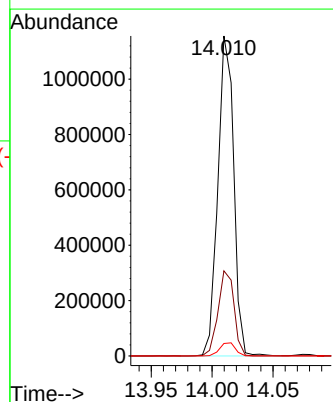
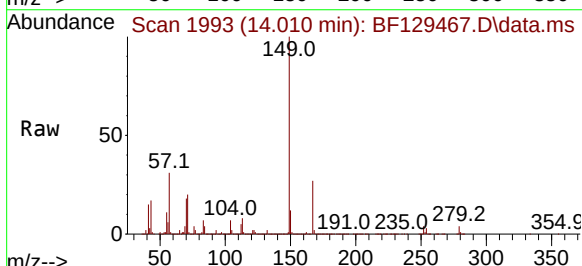
Tgt Ion:149 Resp: 1045403

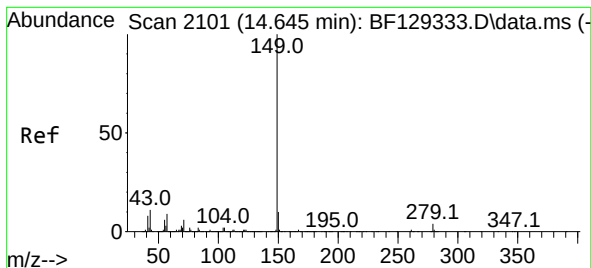
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 46.799 ng

RT: 14.627 min Scan# 2098

Delta R.T. 0.006 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

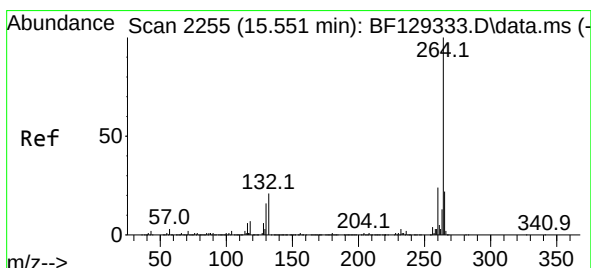
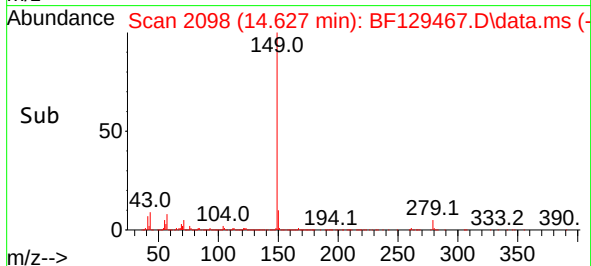
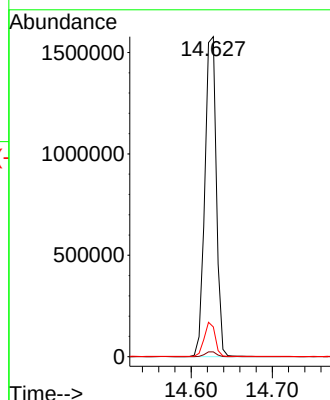
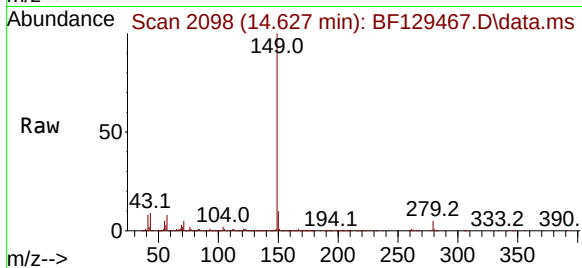
Tgt Ion:149 Resp: 1546120

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.1 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2251

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

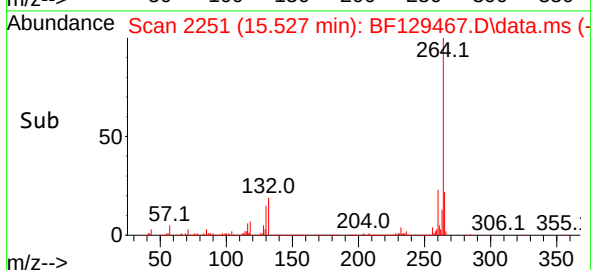
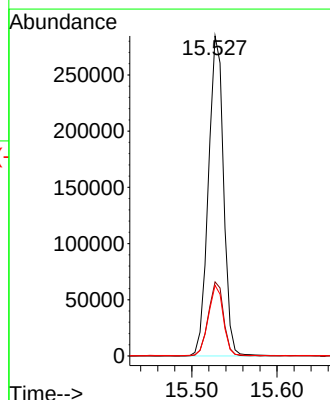
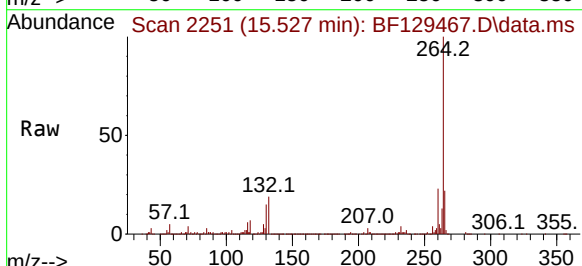
Tgt Ion:264 Resp: 352058

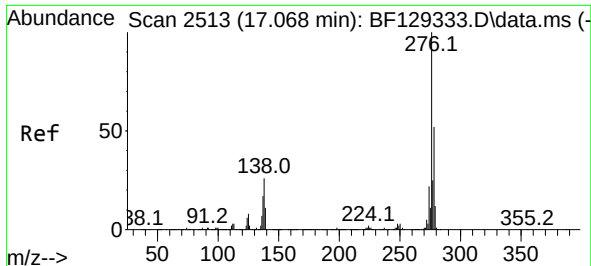
Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 22.0 17.2 25.8

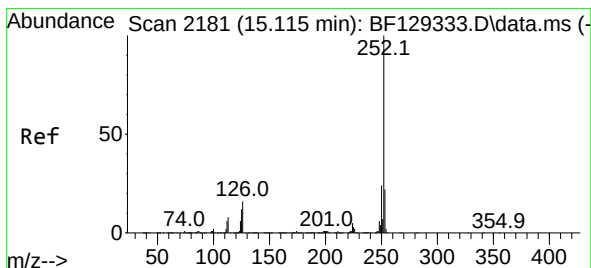
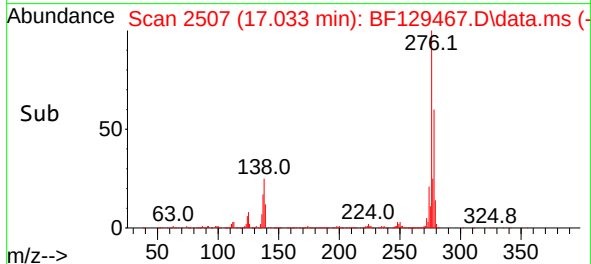
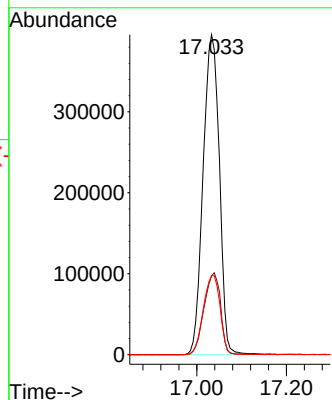
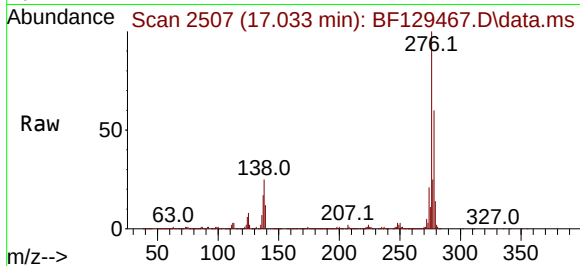




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.991 ng
RT: 17.033 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

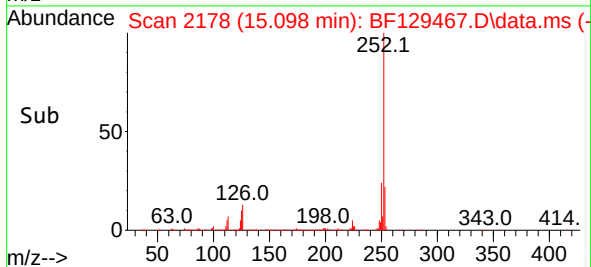
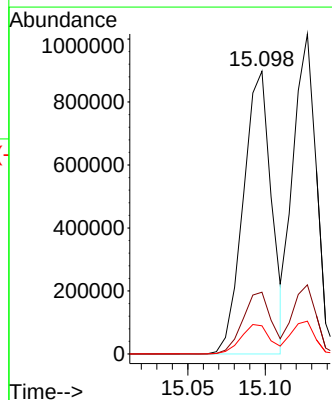
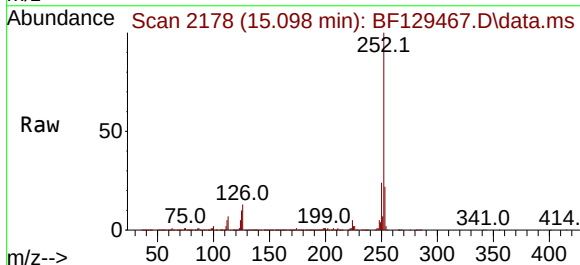
Instrument :
BNA_F
ClientSampleId :
PB146583BS

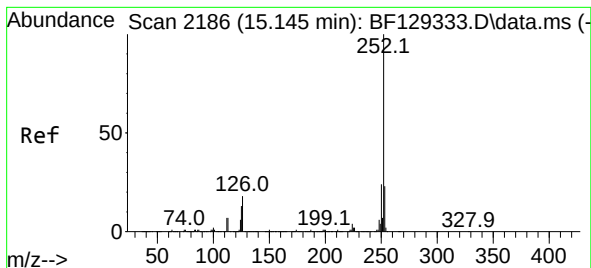
Tgt Ion:276 Resp: 995518
Ion Ratio Lower Upper
276 100
138 26.0 21.1 31.7
277 25.4 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 48.769 ng
RT: 15.098 min Scan# 2178
Delta R.T. 0.006 min
Lab File: BF129467.D
Acq: 01 Aug 2022 11:42

Tgt Ion:252 Resp: 1138911
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.0 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.535 ng

RT: 15.127 min Scan# 2186

Delta R.T. 0.006 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

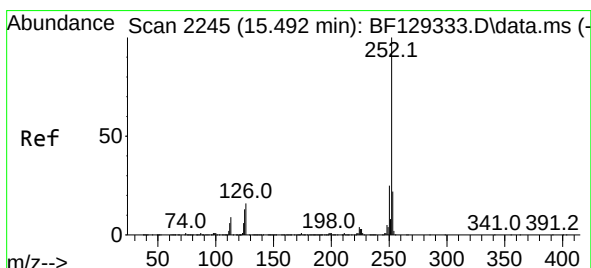
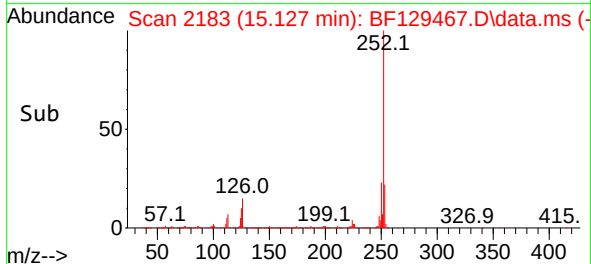
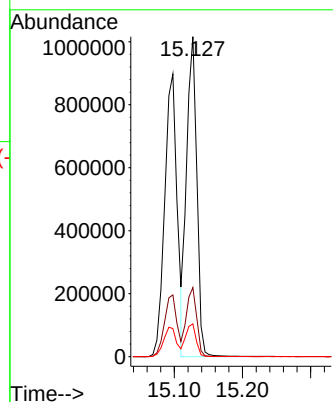
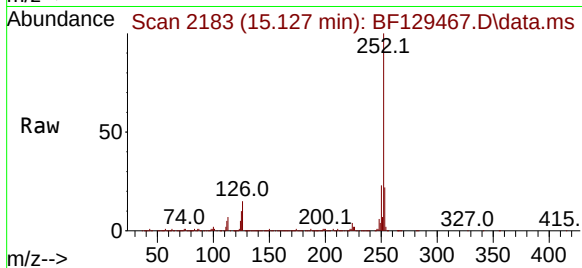
Tgt Ion:252 Resp: 1064972

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 10.2 8.3 12.5



#90

Benzo(a)pyrene

Concen: 52.840 ng

RT: 15.468 min Scan# 2241

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

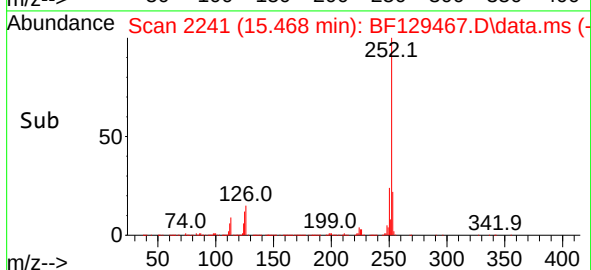
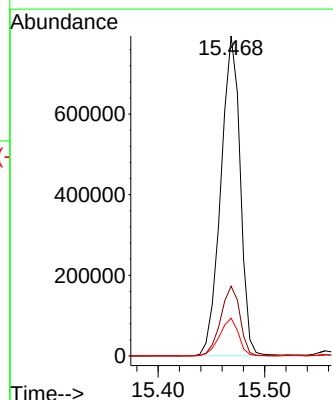
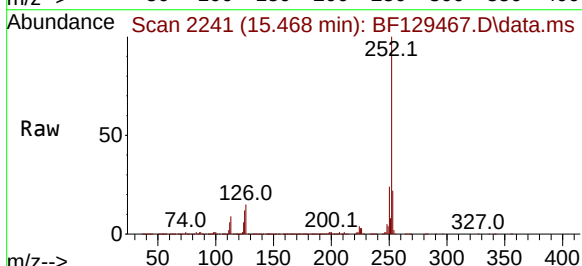
Tgt Ion:252 Resp: 1001718

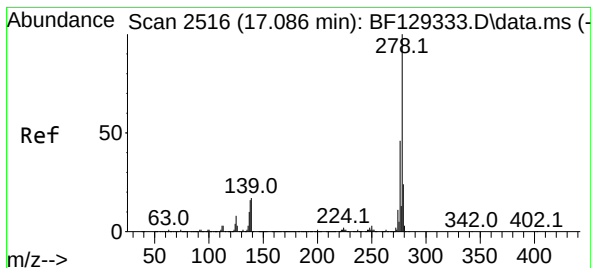
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 11.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 44.137 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Instrument :

BNA_F

ClientSampleId :

PB146583BS

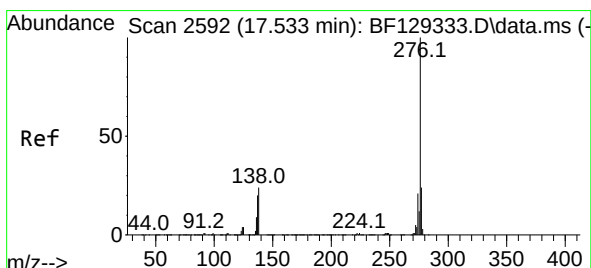
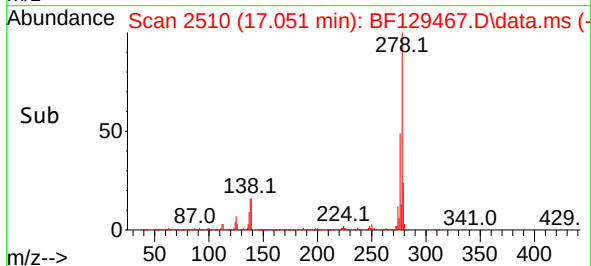
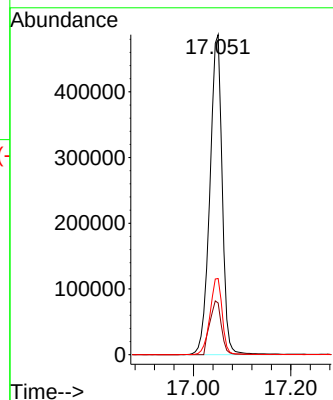
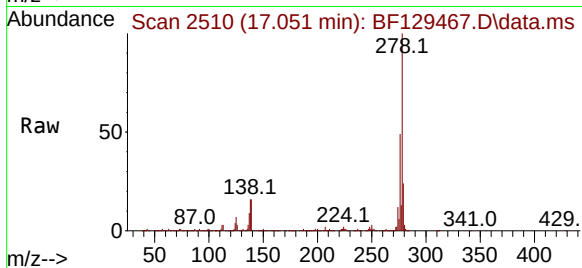
Tgt Ion:278 Resp: 851671

Ion Ratio Lower Upper

278 100

139 16.2 12.8 19.2

279 23.8 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 45.350 ng

RT: 17.492 min Scan# 2585

Delta R.T. -0.000 min

Lab File: BF129467.D

Acq: 01 Aug 2022 11:42

Tgt Ion:276 Resp: 894184

Ion Ratio Lower Upper

276 100

277 24.5 19.1 28.7

138 21.8 18.0 27.0

