

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127004.D
 Acq On : 22 Feb 2022 12:53
 Operator : CG\JU
 Sample : PB142794BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142794BS

Quant Time: Feb 22 13:28:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	88125	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	364024	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	191726	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	353699	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	251533	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	186654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	623530	109.357	ng	0.00
7) Phenol-d6	6.546	99	816103	106.074	ng	0.00
23) Nitrobenzene-d5	7.487	82	580386	71.965	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	268906	121.817	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	961233	73.808	ng	0.00
79) Terphenyl-d14	13.039	244	1223679	71.516	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	82185	31.500	ng	96
3) Pyridine	3.563	79	181100	26.463	ng	92
4) n-Nitrosodimethylamine	3.528	42	131734	39.296	ng	# 69
6) Aniline	6.581	93	270756	29.702	ng	95
8) 2-Chlorophenol	6.704	128	251560	41.120	ng	96
9) Benzaldehyde	6.469	77	142218	30.367	ng	96
10) Phenol	6.557	94	309828	39.855	ng	82
11) bis(2-Chloroethyl)ether	6.651	93	235343	38.597	ng	96
12) 1,3-Dichlorobenzene	6.857	146	256601	38.883	ng	97
13) 1,4-Dichlorobenzene	6.934	146	265905	39.744	ng	97
14) 1,2-Dichlorobenzene	7.087	146	248724	38.984	ng	99
15) Benzyl Alcohol	7.057	79	252279	38.923	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.187	45	349347	36.385	ng	96
17) 2-Methylphenol	7.163	107	210938	39.853	ng	# 91
18) Hexachloroethane	7.428	117	103145	40.220	ng	96
19) n-Nitroso-di-n-propyla...	7.328	70	196321	39.600	ng	96
20) 3+4-Methylphenols	7.316	107	275867	40.137	ng	# 84
22) Acetophenone	7.328	105	380030	39.651	ng	# 96
24) Nitrobenzene	7.504	77	301408	39.562	ng	98
25) Isophorone	7.740	82	514522	38.555	ng	# 97
26) 2-Nitrophenol	7.816	139	131948	40.677	ng	# 78
27) 2,4-Dimethylphenol	7.845	122	232441	43.620	ng	88
28) bis(2-Chloroethoxy)met...	7.945	93	298070	36.842	ng	99
29) 2,4-Dichlorophenol	8.057	162	200435	40.007	ng	97
30) 1,2,4-Trichlorobenzene	8.140	180	215174	38.416	ng	99
31) Naphthalene	8.222	128	738119	38.843	ng	99
32) Benzoic acid	7.969	122	153414	40.595	ng	86
33) 4-Chloroaniline	8.269	127	119388	15.962	ng	98
34) Hexachlorobutadiene	8.334	225	127273	38.921	ng	98
35) Caprolactam	8.645	113	39226	22.421	ng	# 88
36) 4-Chloro-3-methylphenol	8.751	107	265614	41.484	ng	97
37) 2-Methylnaphthalene	8.916	142	505960	41.033	ng	99
38) 1-Methylnaphthalene	9.016	142	460036	38.961	ng	97
40) 1,2,4,5-Tetrachloroben...	9.081	216	206337	40.884	ng	98
41) Hexachlorocyclopentadiene	9.063	237	253795	92.719	ng	95
43) 2,4,6-Trichlorophenol	9.192	196	143896	38.874	ng	98

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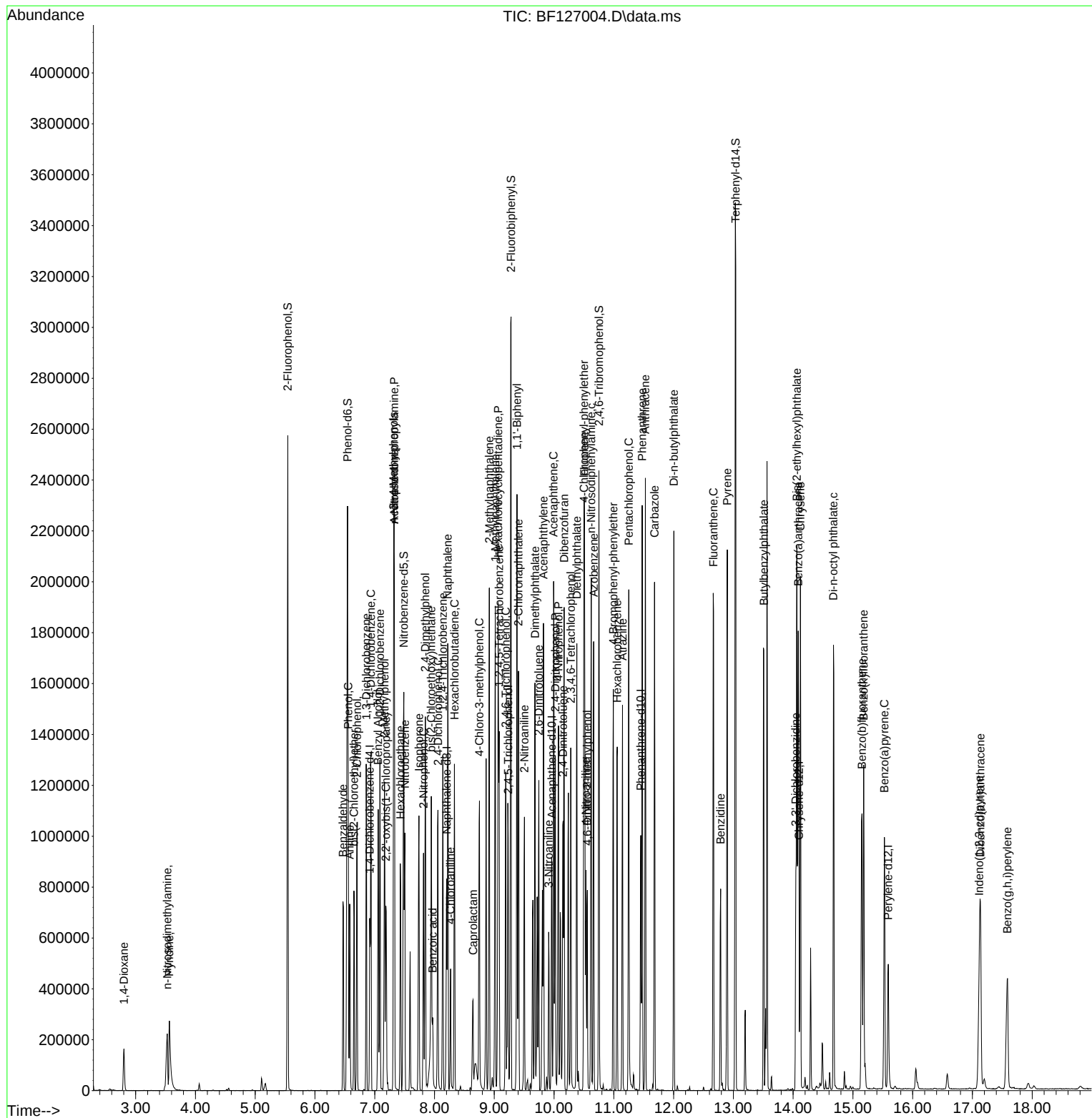
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	157422	40.414	ng	92
46) 1,1'-Biphenyl	9.381	154	613128	40.364	ng	98
47) 2-Chloronaphthalene	9.404	162	438028	38.886	ng	93
48) 2-Nitroaniline	9.504	65	179232	40.321	ng	96
49) Acenaphthylene	9.822	152	727209	39.744	ng	98
50) Dimethylphthalate	9.681	163	538411	39.288	ng	99
51) 2,6-Dinitrotoluene	9.745	165	116982	41.956	ng	88
52) Acenaphthene	9.992	154	447846	37.635	ng	98
53) 3-Nitroaniline	9.910	138	81376	23.876	ng	92
54) 2,4-Dinitrophenol	10.022	184	132875	90.037	ng	# 86
55) Dibenzofuran	10.169	168	630025	38.503	ng	90
56) 4-Nitrophenol	10.075	139	211353	83.962	ng	# 79
57) 2,4-Dinitrotoluene	10.151	165	162256	43.040	ng	# 93
58) Fluorene	10.510	166	512838	40.236	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	125581	40.666	ng	96
60) Diethylphthalate	10.381	149	576080	40.230	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	235725	39.222	ng	91
62) 4-Nitroaniline	10.534	138	133175	39.570	ng	# 74
63) Azobenzene	10.663	77	604091	37.885	ng	93
65) 4,6-Dinitro-2-methylph...	10.557	198	82845	39.864	ng	95
66) n-Nitrosodiphenylamine	10.622	169	446995	38.540	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	155110	39.250	ng	96
68) Hexachlorobenzene	11.057	284	174859	41.101	ng	91
69) Atrazine	11.145	200	153420	42.650	ng	97
70) Pentachlorophenol	11.251	266	197990	85.253	ng	99
71) Phenanthrene	11.475	178	796196	40.218	ng	98
72) Anthracene	11.528	178	810396	41.119	ng	99
73) Carbazole	11.681	167	700616	38.765	ng	99
74) Di-n-butylphthalate	12.004	149	918955	39.551	ng	99
75) Fluoranthene	12.669	202	798473	42.478	ng	93
77) Benzidine	12.786	184	267378	39.116	ng	97
78) Pyrene	12.898	202	800133	36.615	ng	99
80) Butylbenzylphthalate	13.510	149	392137	37.904	ng	# 86
81) Benzo(a)anthracene	14.086	228	672924	39.683	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	131002	24.513	ng	# 98
83) Chrysene	14.122	228	648631	40.676	ng	100
84) Bis(2-ethylhexyl)phtha...	14.063	149	537963	39.608	ng	# 95
85) Di-n-octyl phthalate	14.674	149	829539	42.419	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	473481	38.686	ng	# 85
88) Benzo(b)fluoranthene	15.151	252	562540	44.873	ng	# 92
89) Benzo(k)fluoranthene	15.180	252	542015	44.826	ng	# 95
90) Benzo(a)pyrene	15.527	252	488830	49.921	ng	# 94
91) Dibenzo(a,h)anthracene	17.133	278	393742	38.898	ng	# 91
92) Benzo(g,h,i)perylene	17.586	276	386682	38.748	ng	# 86

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

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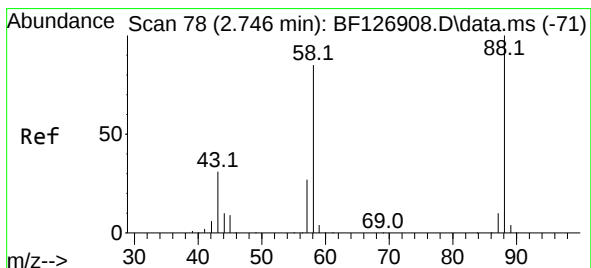
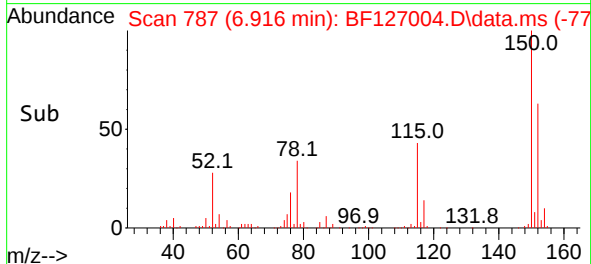
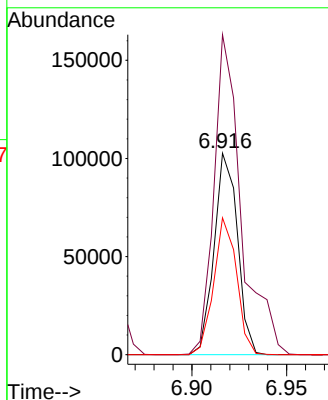
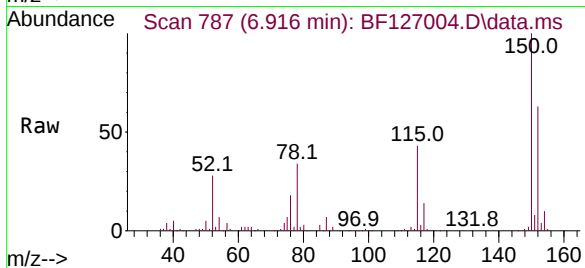




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127004.D
 Acq: 22 Feb 2022 12:53

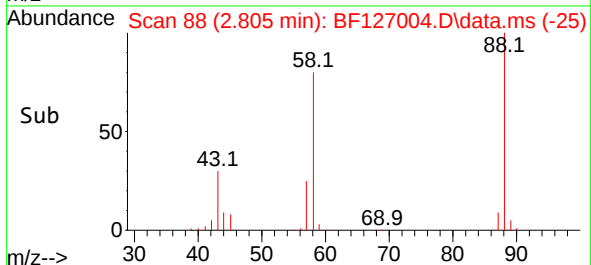
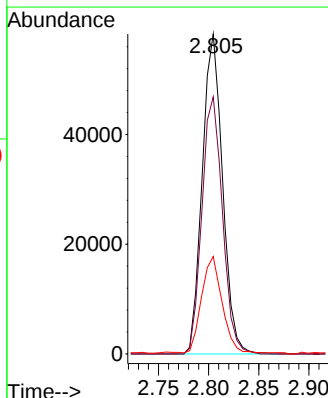
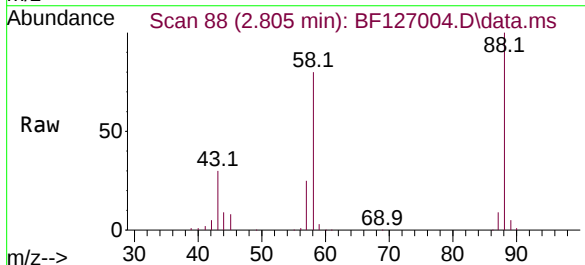
Instrument :
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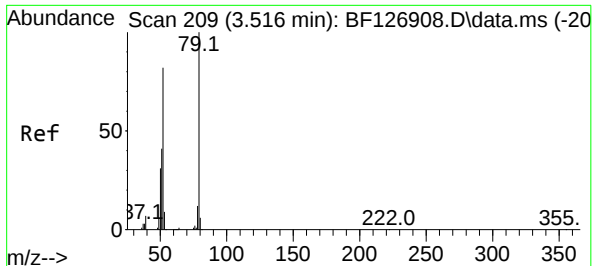
Tgt Ion:152 Resp: 88125
 Ion Ratio Lower Upper
 152 100
 150 158.9 128.1 192.1
 115 67.9 56.7 85.1



#2
 1,4-Dioxane
 Concen: 31.500 ng
 RT: 2.805 min Scan# 88
 Delta R.T. 0.071 min
 Lab File: BF127004.D
 Acq: 22 Feb 2022 12:53

Tgt Ion: 88 Resp: 82185
 Ion Ratio Lower Upper
 88 100
 58 81.3 62.8 94.2
 43 30.5 22.3 33.5

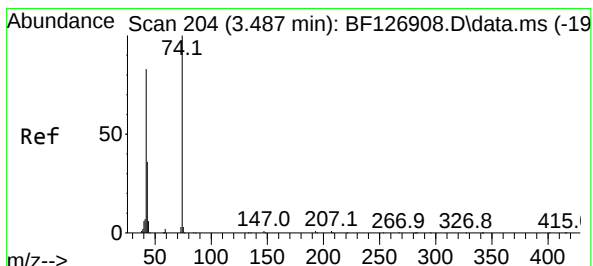
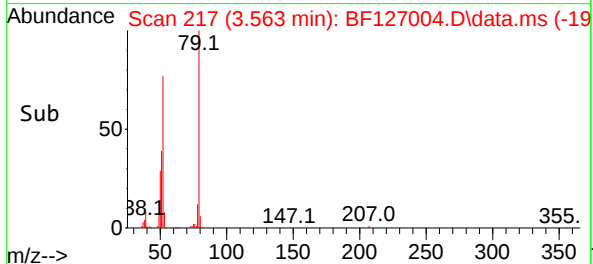
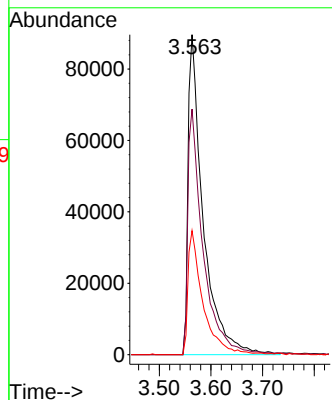
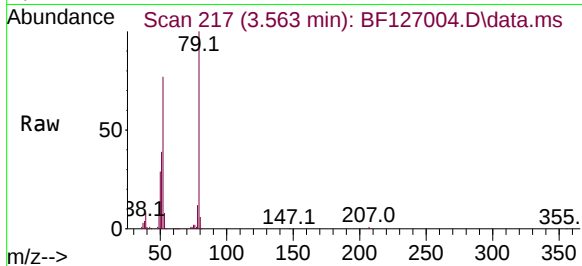




#3
Pyridine
Concen: 26.463 ng
RT: 3.563 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

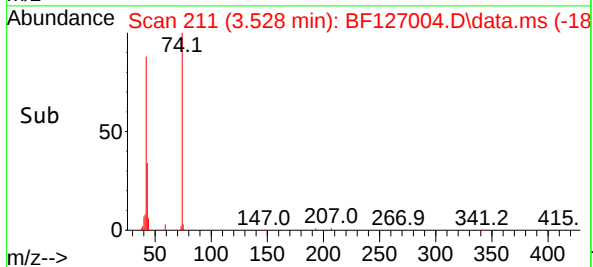
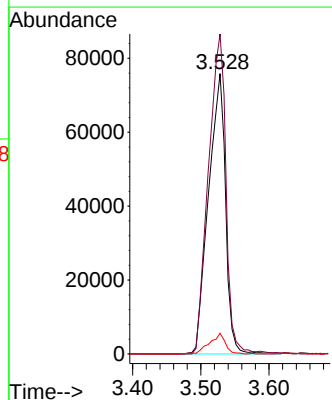
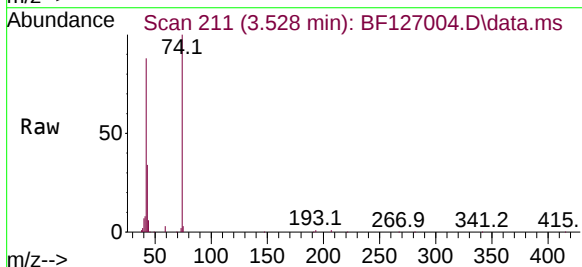
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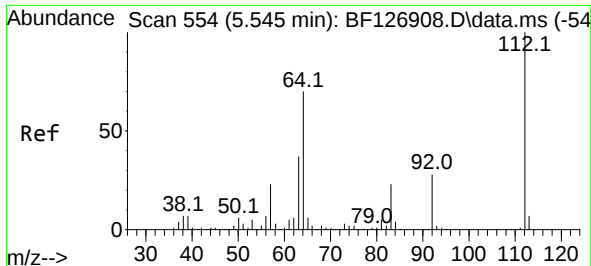
Tgt Ion: 79 Resp: 181100
Ion Ratio Lower Upper
79 100
52 76.7 56.2 84.4
51 38.8 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 39.296 ng
RT: 3.528 min Scan# 211
Delta R.T. 0.053 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion: 42 Resp: 131734
Ion Ratio Lower Upper
42 100
74 114.2 125.6 188.4#
44 7.4 5.7 8.5

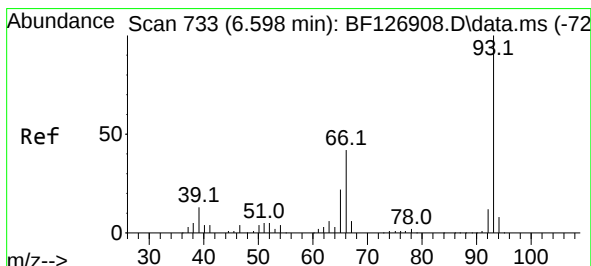
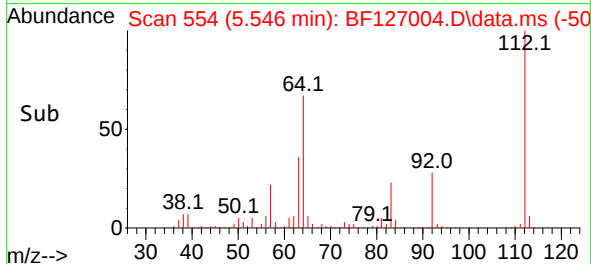
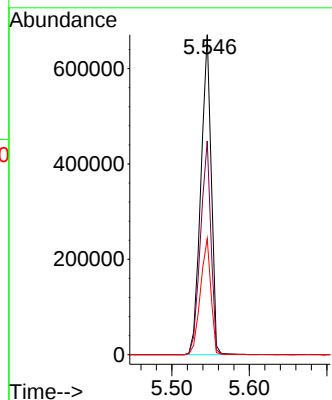
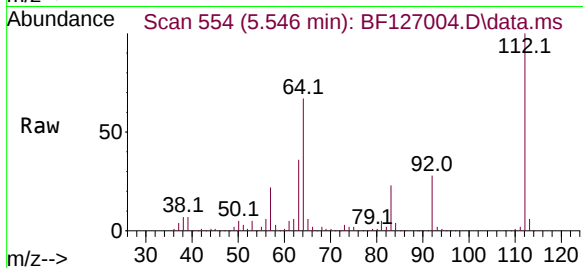




#5
2-Fluorophenol
Concen: 109.357 ng
RT: 5.546 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

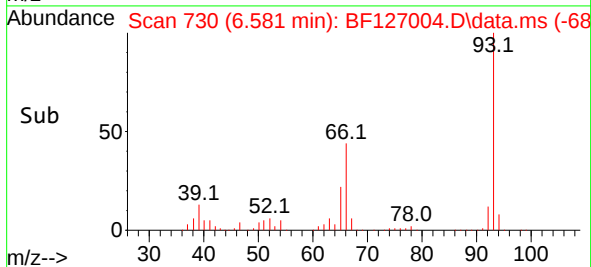
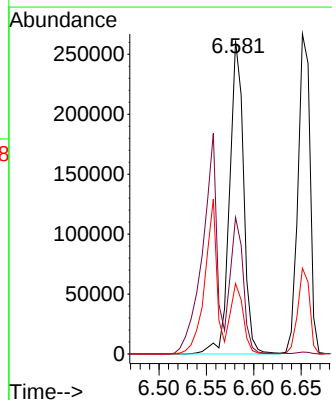
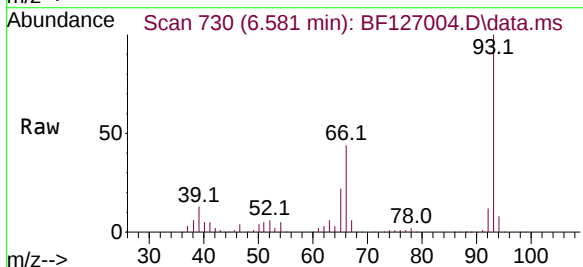
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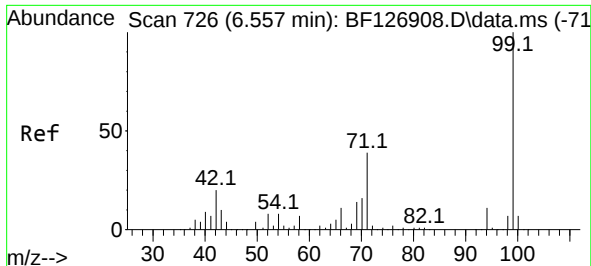
Tgt Ion:112 Resp: 623530
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 36.3 23.9 35.9#



#6
Aniline
Concen: 29.702 ng
RT: 6.581 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion: 93 Resp: 270756
Ion Ratio Lower Upper
93 100
66 43.6 32.2 48.4
65 22.5 16.3 24.5





#7

Phenol-d6

Concen: 106.074 ng

RT: 6.546 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

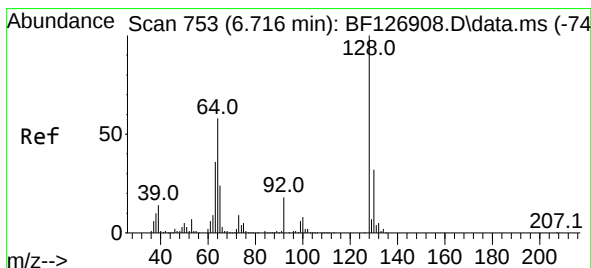
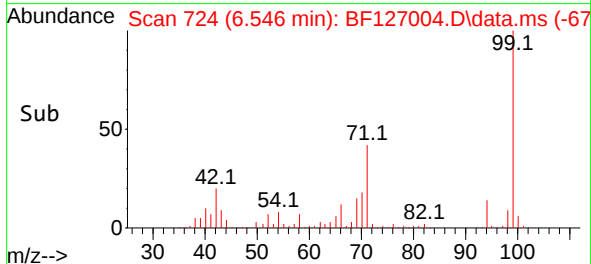
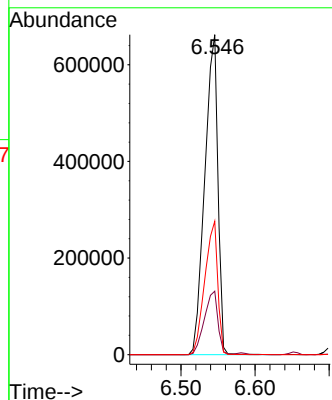
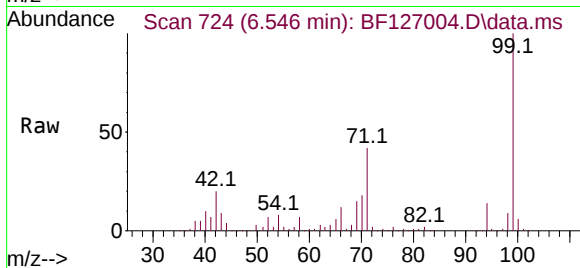
Tgt Ion: 99 Resp: 816103

Ion Ratio Lower Upper

99 100

42 19.8 14.2 21.4

71 41.7 24.3 36.5#



#8

2-Chlorophenol

Concen: 41.120 ng

RT: 6.704 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF127004.D

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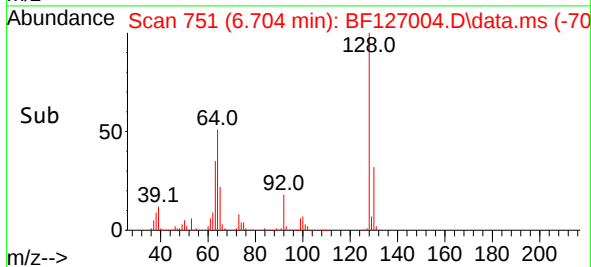
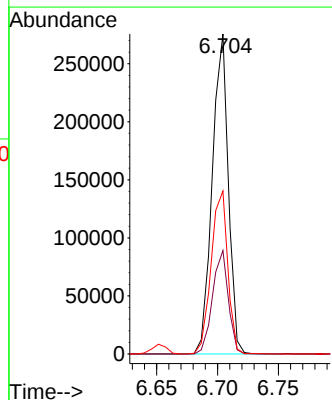
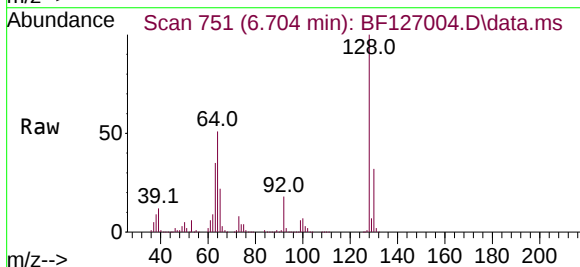
Tgt Ion:128 Resp: 251560

Ion Ratio Lower Upper

128 100

130 32.3 12.7 52.7

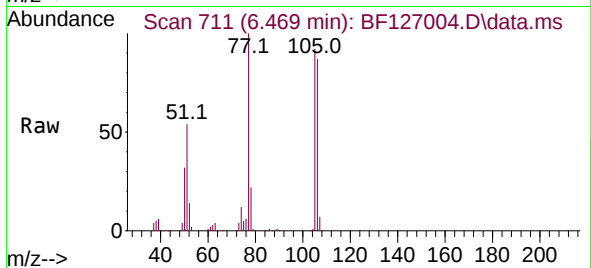
64 50.9 35.6 75.6



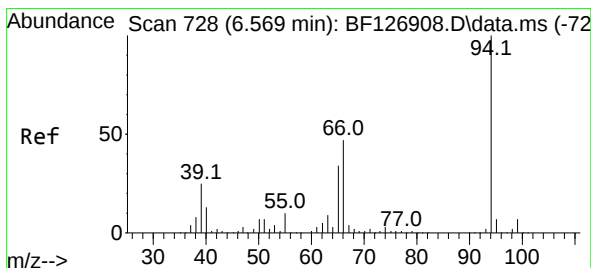
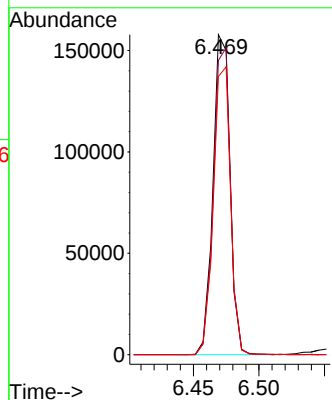
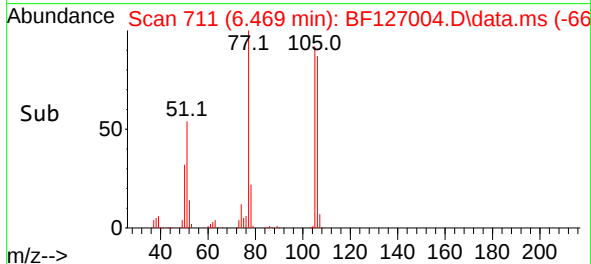


#9
Benzaldehyde
Concen: 30.367 ng
RT: 6.469 min Scan# 714
Delta R.T. -0.006 min
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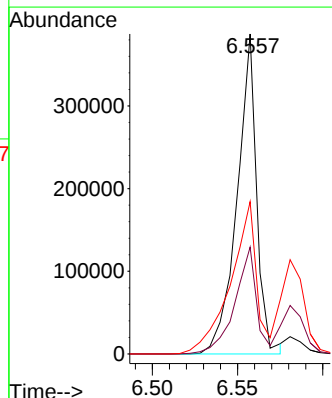
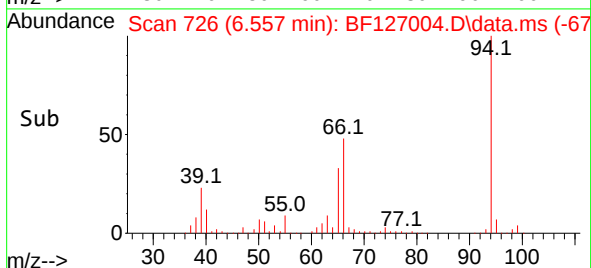
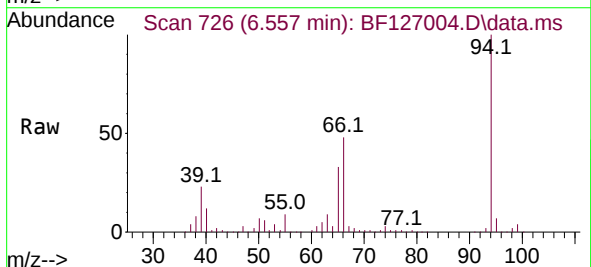


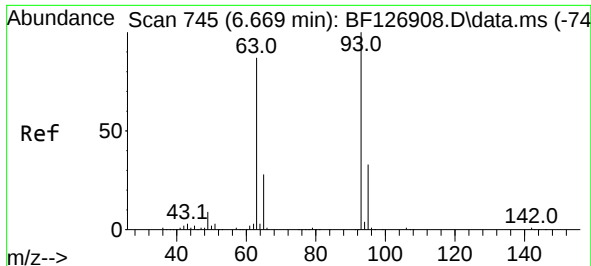
Tgt Ion: 77 Resp: 142218
Ion Ratio Lower Upper
77 100
105 92.0 74.9 114.9
106 86.9 72.4 112.4



#10
Phenol
Concen: 39.855 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
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Tgt Ion: 94 Resp: 309828
Ion Ratio Lower Upper
94 100
65 33.4 7.2 47.2
66 47.6 14.5 54.5

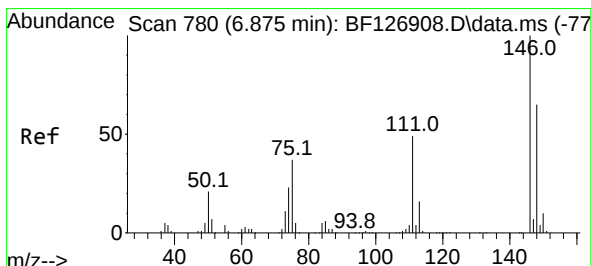
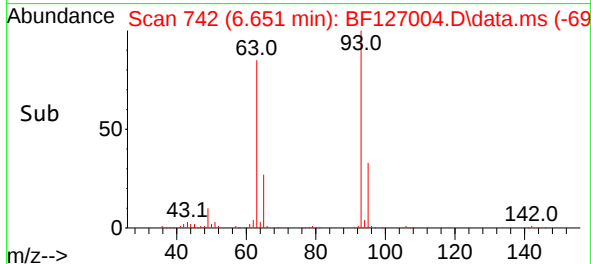
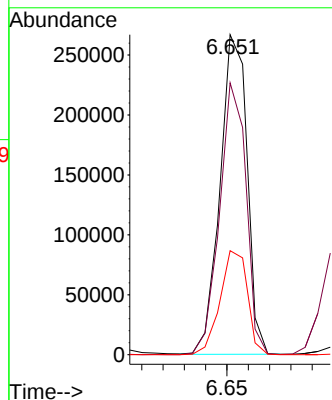
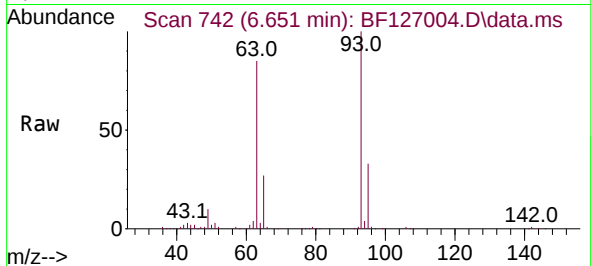




#11
bis(2-Chloroethyl)ether
Concen: 38.597 ng
RT: 6.651 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

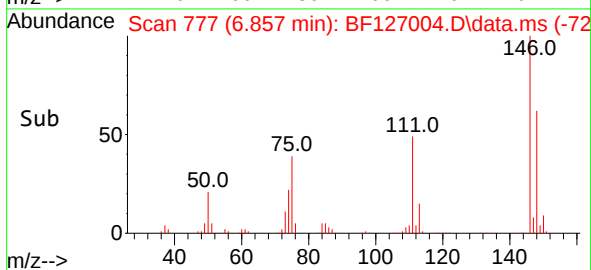
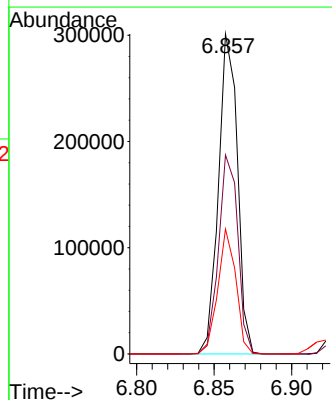
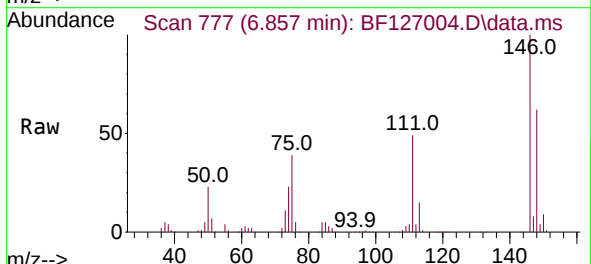
Instrument :
BNA_F
ClientSampleId :
PB142794BS

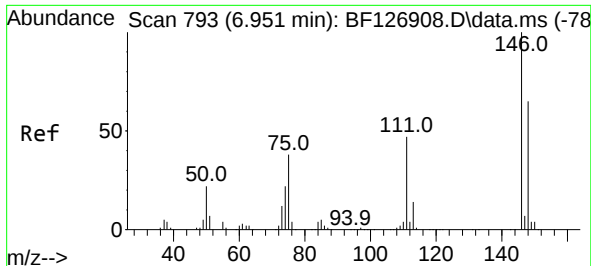
Tgt Ion: 93 Resp: 235343
Ion Ratio Lower Upper
93 100
63 85.0 60.5 100.5
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.883 ng
RT: 6.857 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:146 Resp: 256601
Ion Ratio Lower Upper
146 100
148 62.2 50.9 76.3
75 39.1 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 39.744 ng

RT: 6.934 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

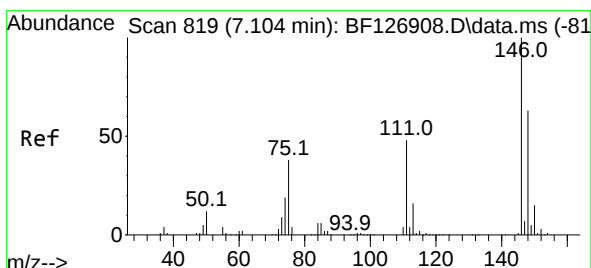
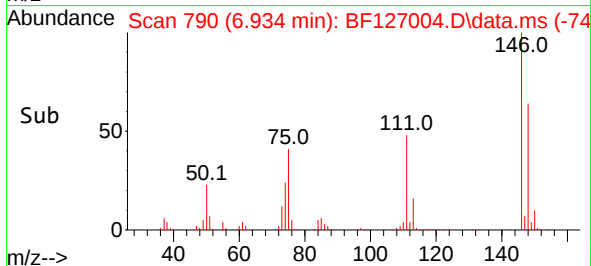
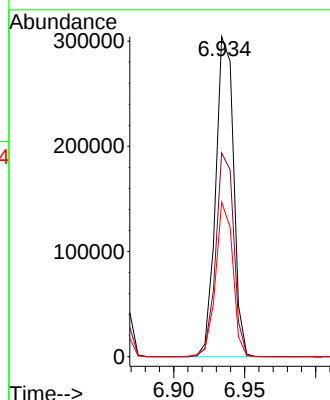
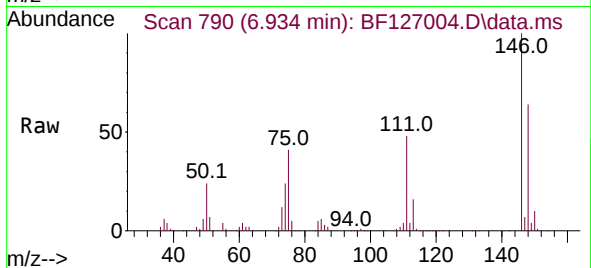
Tgt Ion:146 Resp: 265905

Ion Ratio Lower Upper

146 100

148 63.7 49.8 74.6

111 48.3 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 38.984 ng

RT: 7.087 min Scan# 816

Delta R.T. -0.006 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

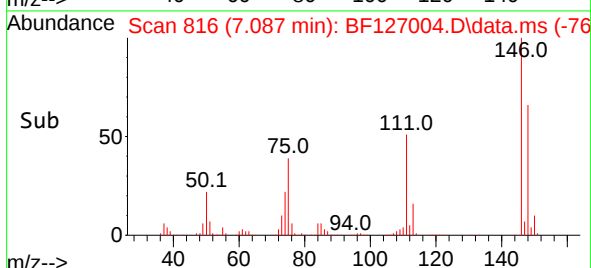
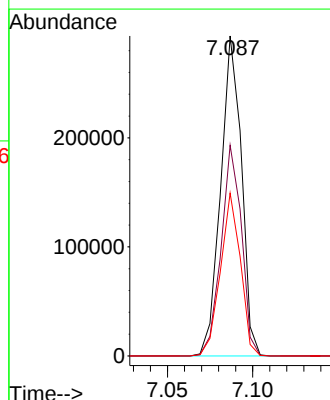
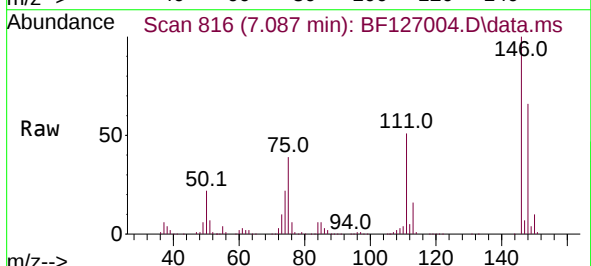
Tgt Ion:146 Resp: 248724

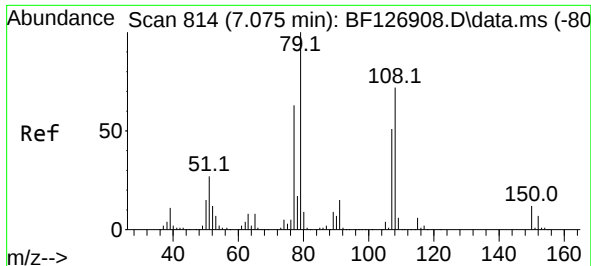
Ion Ratio Lower Upper

146 100

148 65.8 51.6 77.4

111 50.9 40.2 60.2





#15

Benzyl Alcohol

Concen: 38.923 ng

RT: 7.057 min Scan# 814

Delta R.T. -0.006 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

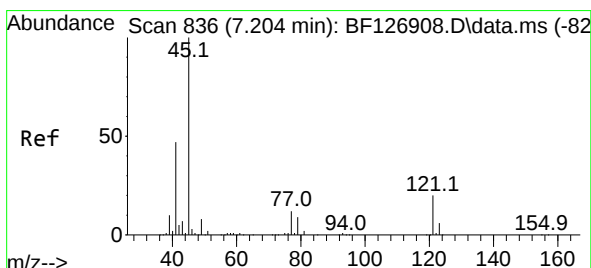
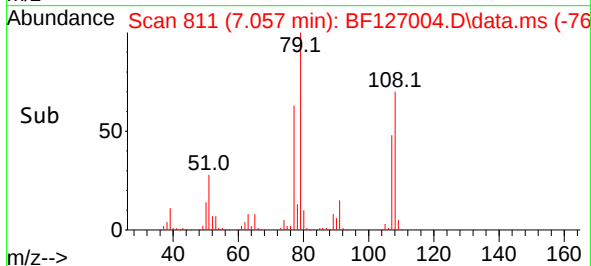
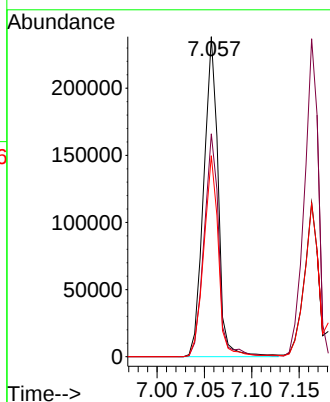
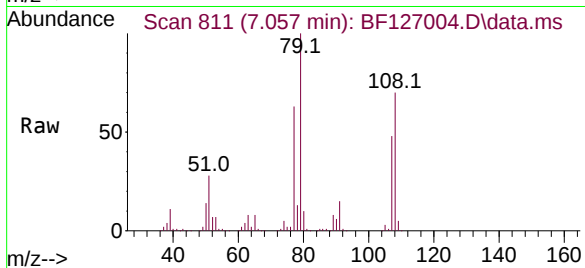
Tgt Ion: 79 Resp: 252279

Ion Ratio Lower Upper

79 100

108 69.6 63.2 94.8

77 62.8 49.4 74.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.385 ng

RT: 7.187 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

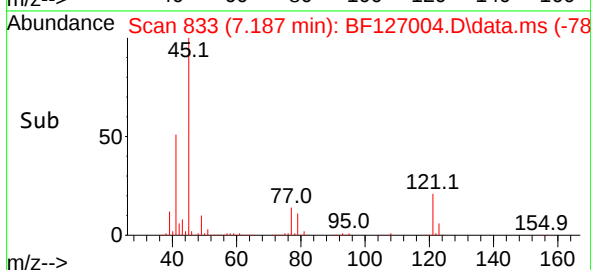
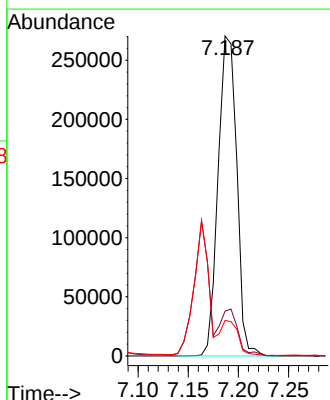
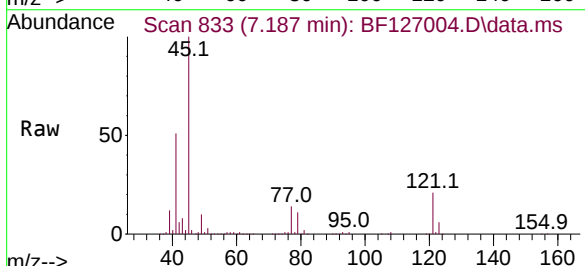
Tgt Ion: 45 Resp: 349347

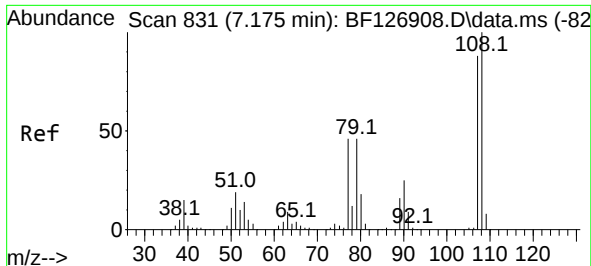
Ion Ratio Lower Upper

45 100

77 14.0 0.0 32.4

79 11.1 0.0 29.8

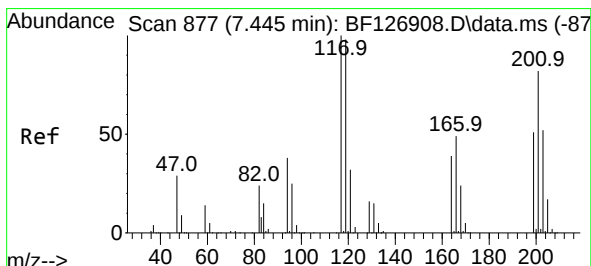
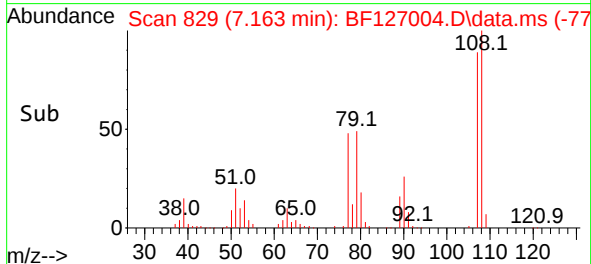
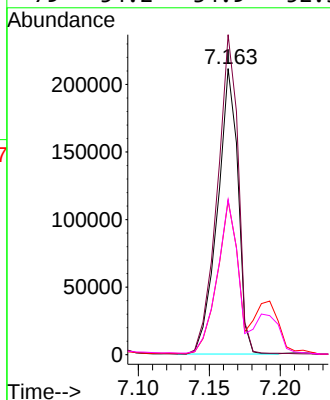
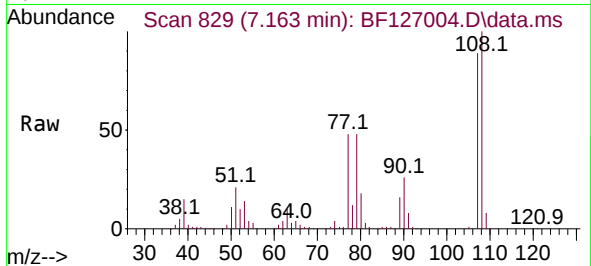




#17
2-Methylphenol
Concen: 39.853 ng
RT: 7.163 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

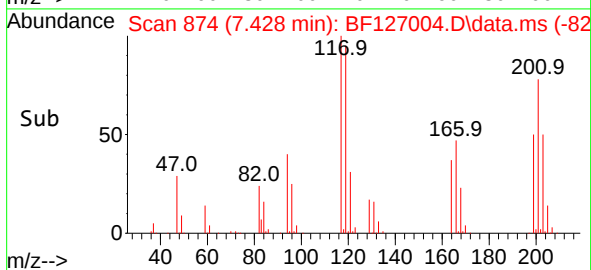
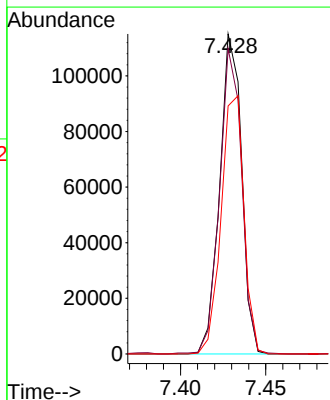
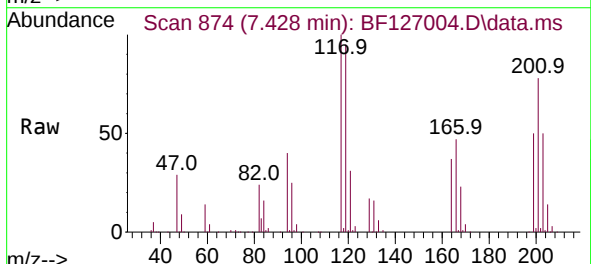
Instrument :
BNA_F
ClientSampleId :
PB142794BS

Tgt Ion:107 Resp: 210938
Ion Ratio Lower Upper
107 100
108 111.9 93.4 140.0
77 53.8 36.1 54.1
79 54.2 34.9 52.3#



#18
Hexachloroethane
Concen: 40.220 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:117 Resp: 103145
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.0
201 77.5 56.8 85.2

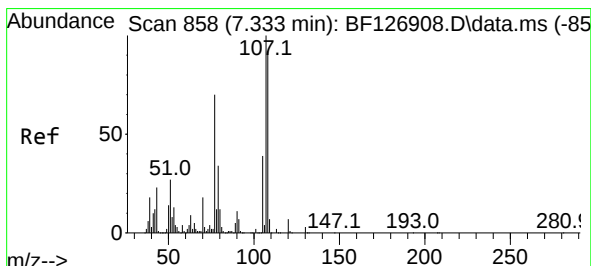
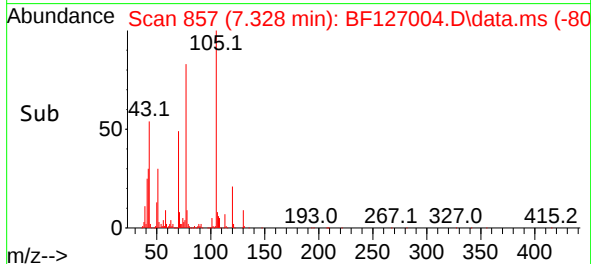
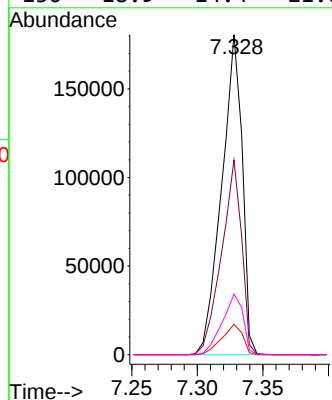
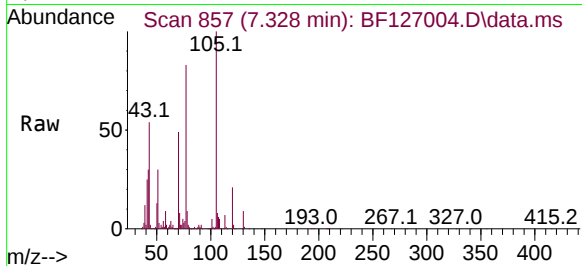




#19
n-Nitroso-di-n-propylamine
Concen: 39.600 ng
RT: 7.328 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

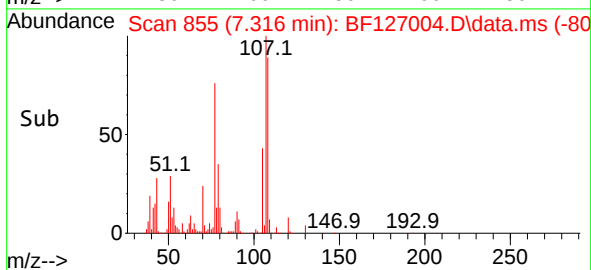
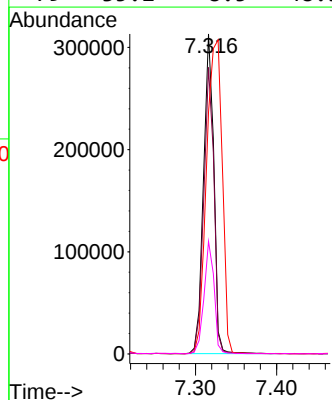
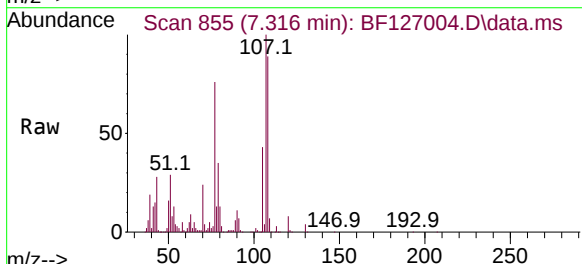
Instrument :
BNA_F
ClientSampleId :
PB142794BS

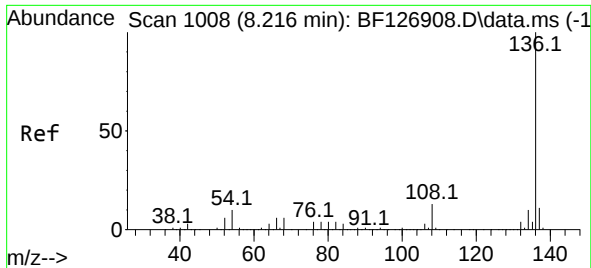
Tgt Ion: 70 Resp: 196321
Ion Ratio Lower Upper
70 100
42 60.9 45.8 68.8
101 9.5 6.9 10.3
130 18.9 14.4 21.6



#20
3+4-Methylphenols
Concen: 40.137 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

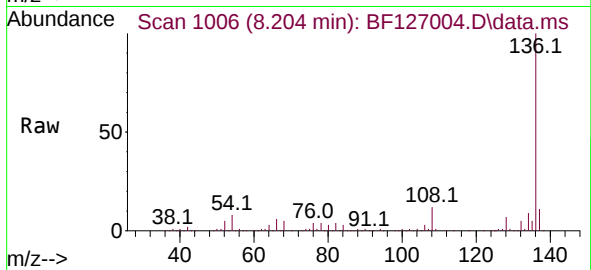
Tgt Ion: 107 Resp: 275867
Ion Ratio Lower Upper
107 100
108 89.5 72.4 112.4
77 75.6 83.8 123.8#
79 35.2 8.5 48.5



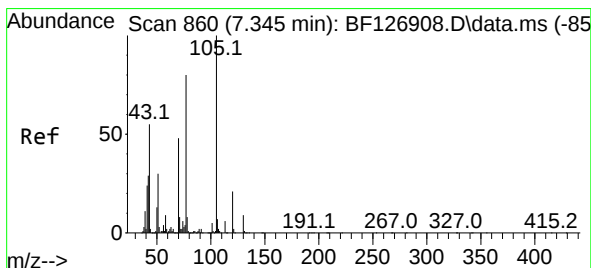
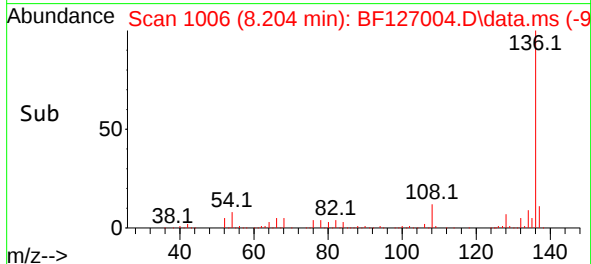
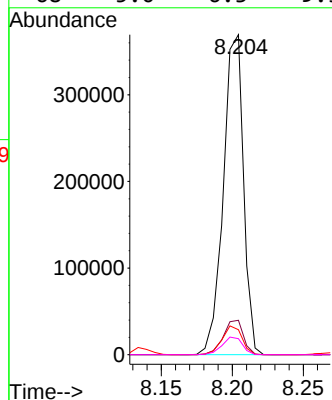


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Instrument :
BNA_F
ClientSampleId :
PB142794BS

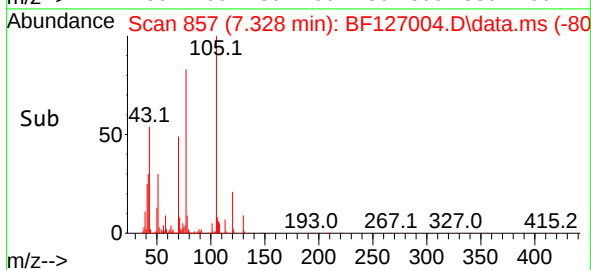
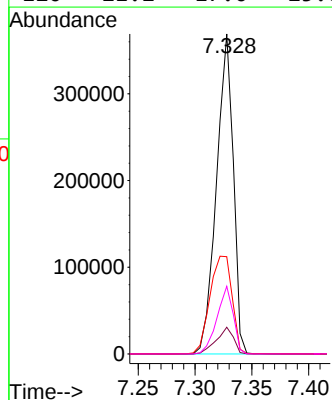
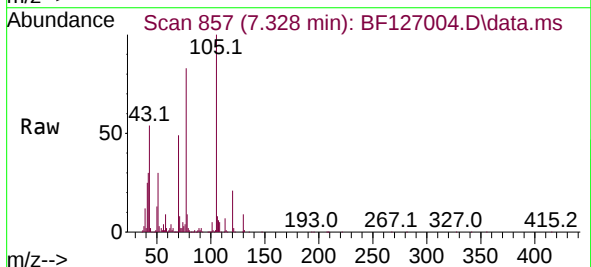


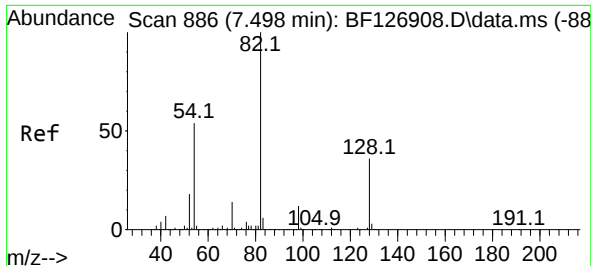
Tgt Ion:136 Resp: 364024
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.8 7.8 11.6
68 5.0 6.3 9.5#



#22
Acetophenone
Concen: 39.651 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:105 Resp: 380030
Ion Ratio Lower Upper
105 100
71 8.4 5.4 8.0#
51 30.4 27.4 41.0
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 71.965 ng

RT: 7.487 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

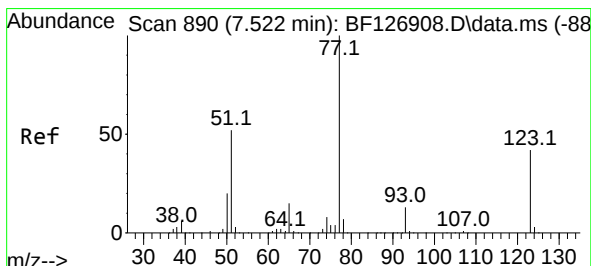
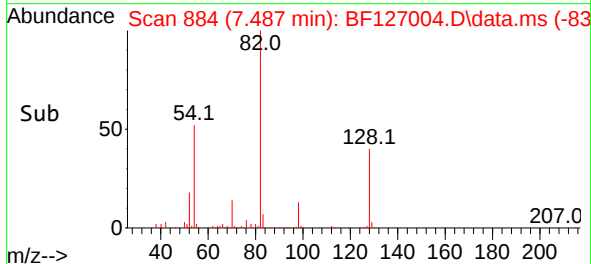
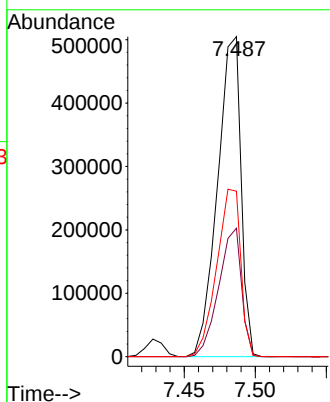
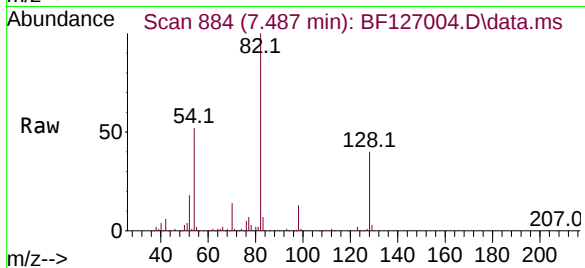
Tgt Ion: 82 Resp: 580386

Ion Ratio Lower Upper

82 100

128 40.2 32.7 49.1

54 51.7 41.7 62.5



#24

Nitrobenzene

Concen: 39.562 ng

RT: 7.504 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

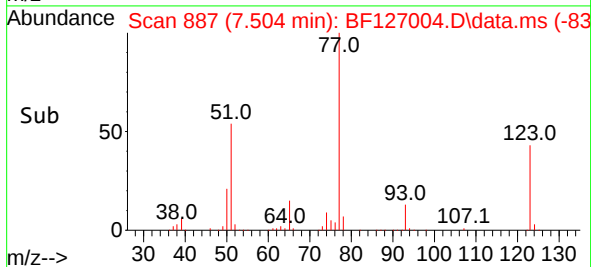
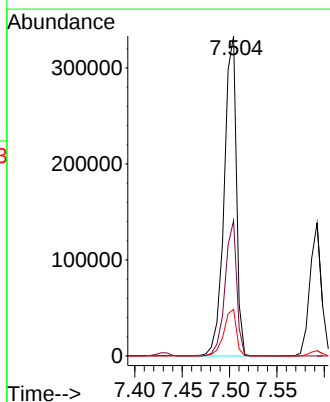
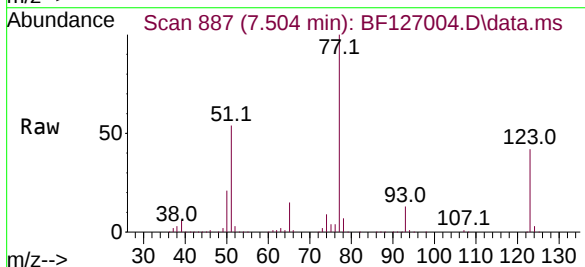
Tgt Ion: 77 Resp: 301408

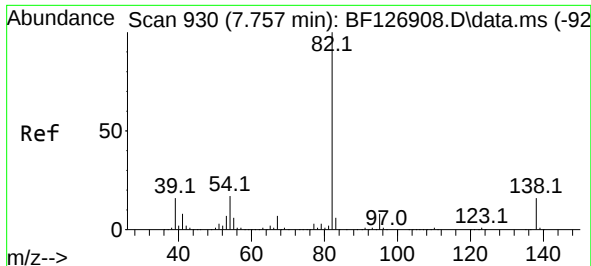
Ion Ratio Lower Upper

77 100

123 42.3 34.6 52.0

65 14.6 10.6 15.8

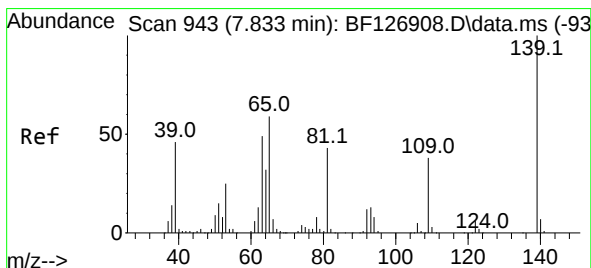
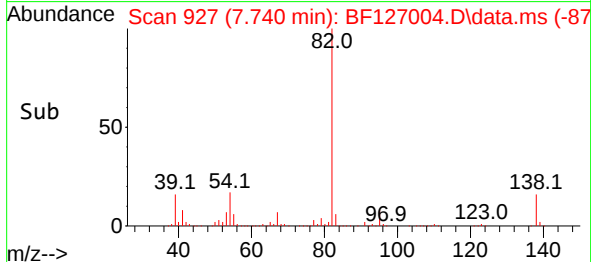
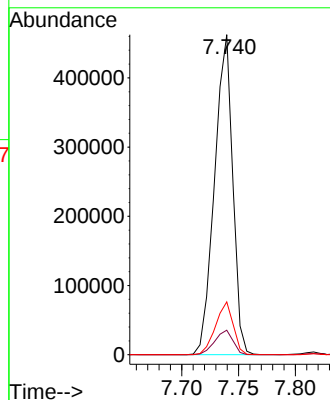
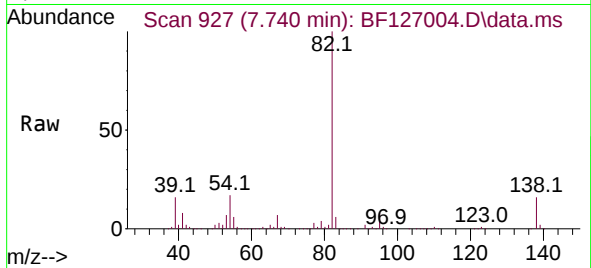




#25
Isophorone
Concen: 38.555 ng
RT: 7.740 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

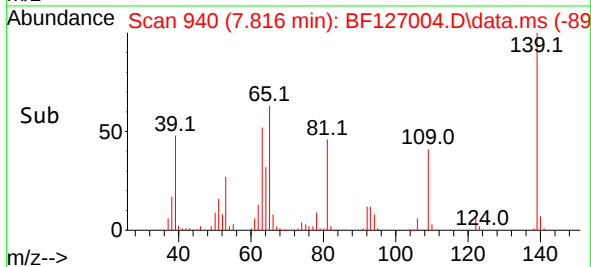
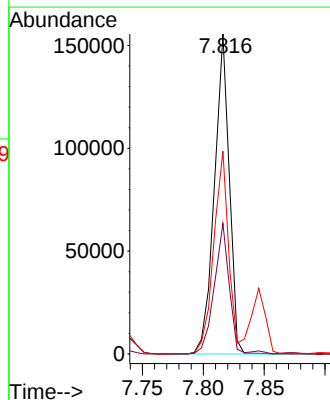
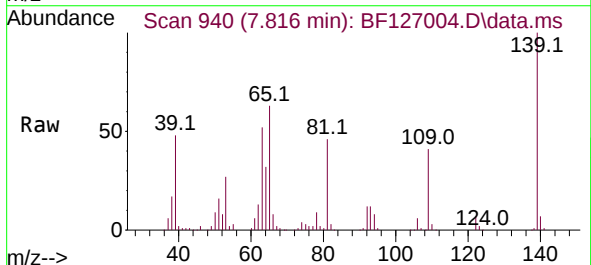
Instrument :
BNA_F
ClientSampleId :
PB142794BS

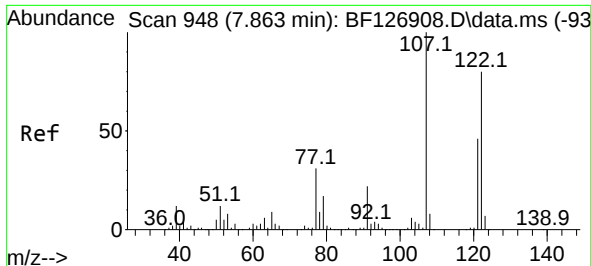
Tgt Ion: 82 Resp: 514522
Ion Ratio Lower Upper
82 100
95 7.7 5.0 7.4#
138 16.5 12.3 18.5



#26
2-Nitrophenol
Concen: 40.677 ng
RT: 7.816 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion: 139 Resp: 131948
Ion Ratio Lower Upper
139 100
109 40.8 20.0 30.0#
65 63.3 40.8 61.2#



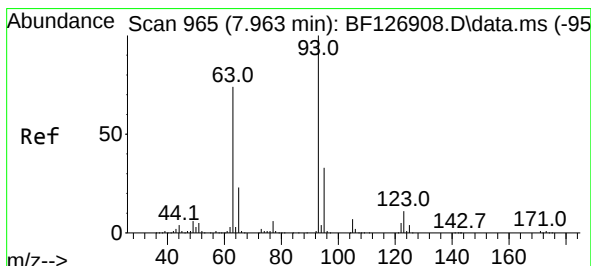
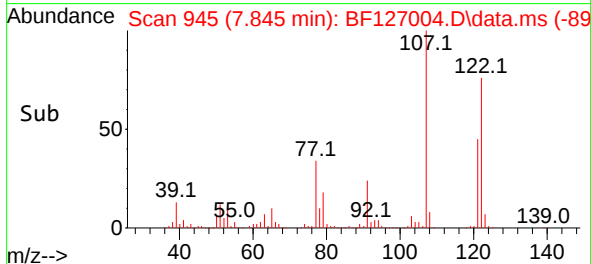
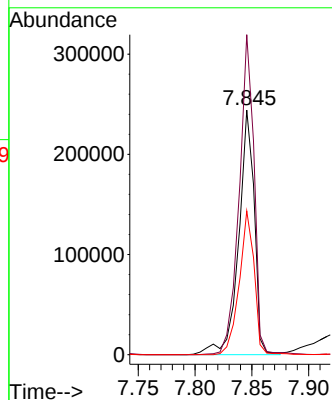
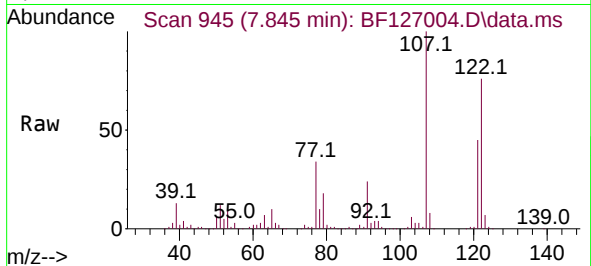


#27
 2,4-Dimethylphenol
 Concen: 43.620 ng
 RT: 7.845 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: BF127004.D
 Acq: 22 Feb 2022 12:53

Instrument :
 BNA_F
 ClientSampleId :
 PB142794BS

Tgt Ion:122 Resp: 232441

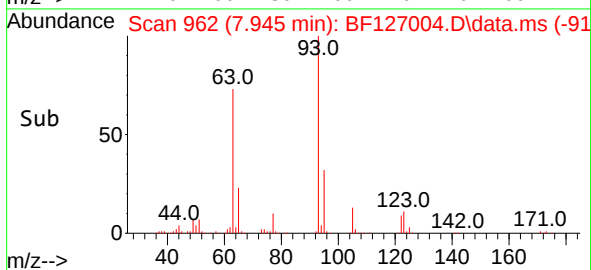
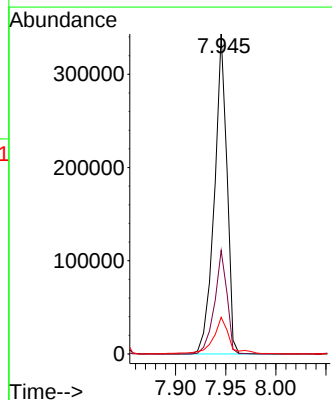
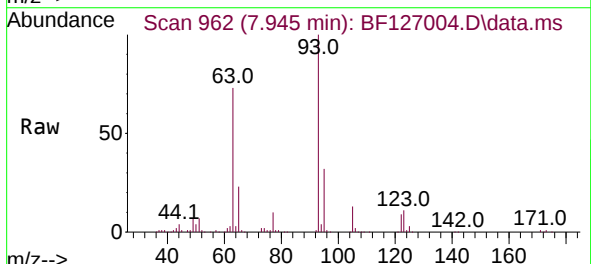
Ion	Ratio	Lower	Upper
122	100		
107	130.8	91.2	136.8
121	58.8	44.4	66.6

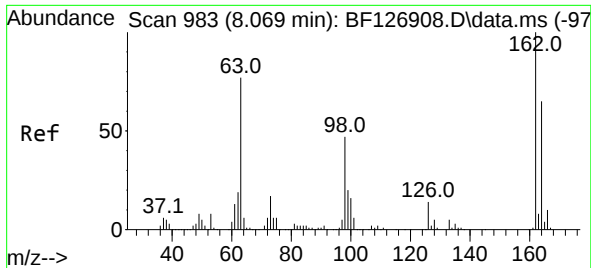


#28
 bis(2-Chloroethoxy)methane
 Concen: 36.842 ng
 RT: 7.945 min Scan# 962
 Delta R.T. -0.006 min
 Lab File: BF127004.D
 Acq: 22 Feb 2022 12:53

Tgt Ion: 93 Resp: 298070

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.4	38.2
123	11.5	8.9	13.3

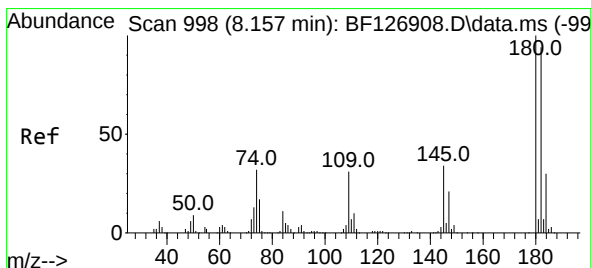
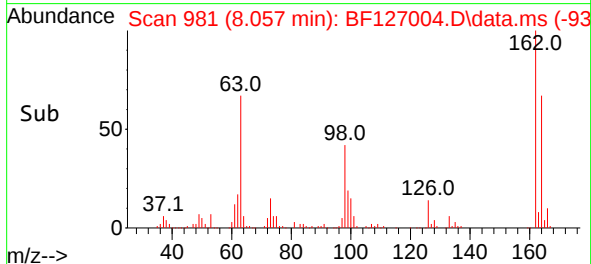
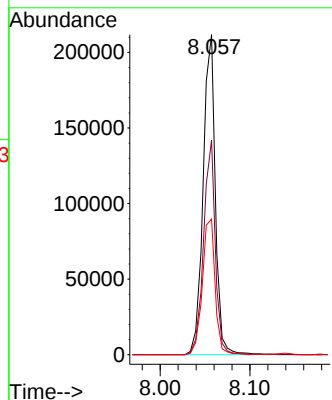
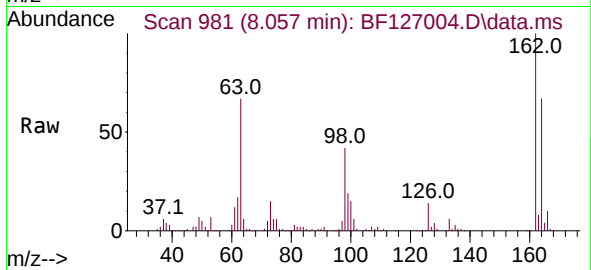




#29
2,4-Dichlorophenol
Concen: 40.007 ng
RT: 8.057 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

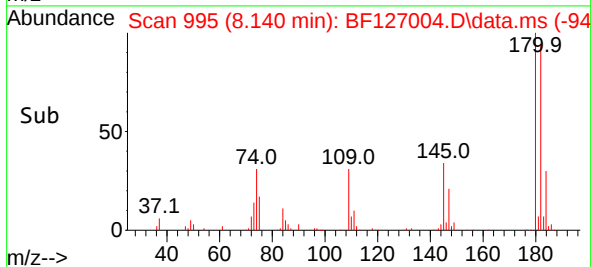
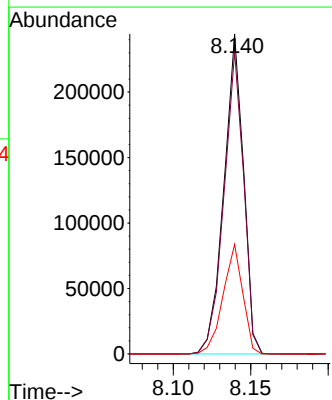
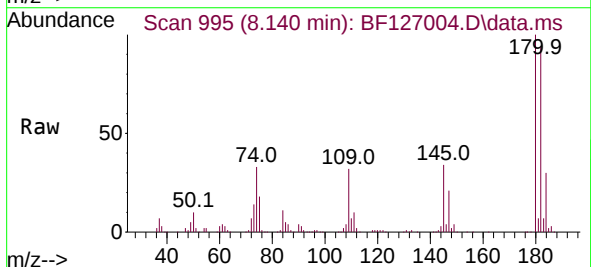
Instrument :
BNA_F
ClientSampleId :
PB142794BS

Tgt Ion:162 Resp: 200435
Ion Ratio Lower Upper
162 100
164 67.0 43.8 83.8
98 42.4 23.6 63.6



#30
1,2,4-Trichlorobenzene
Concen: 38.416 ng
RT: 8.140 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:180 Resp: 215174
Ion Ratio Lower Upper
180 100
182 94.4 75.5 113.3
145 34.3 26.2 39.2

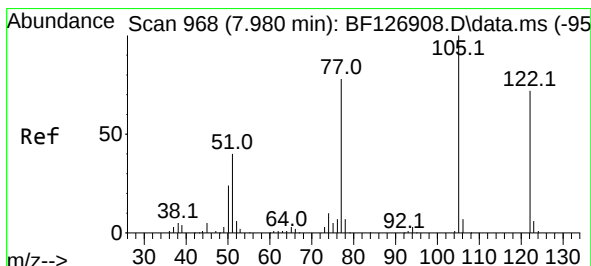
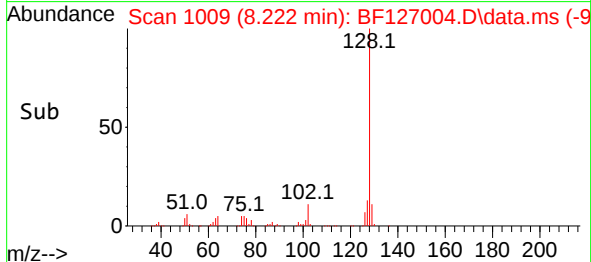
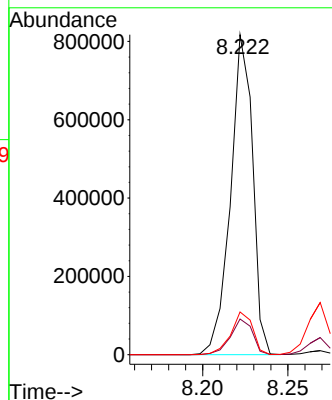
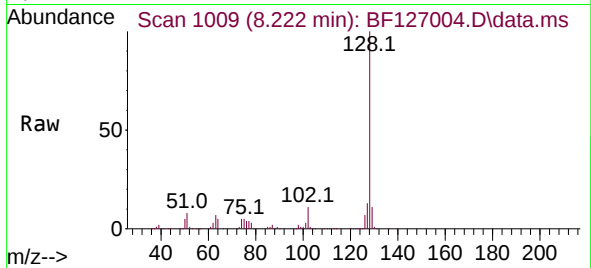




#31
Naphthalene
Concen: 38.843 ng
RT: 8.222 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

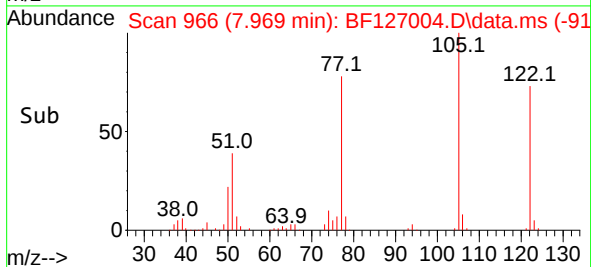
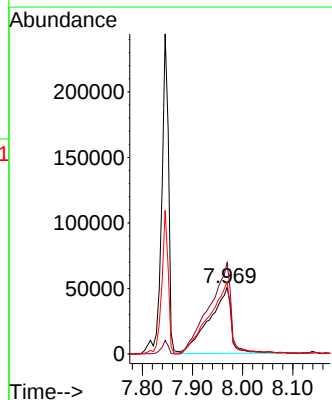
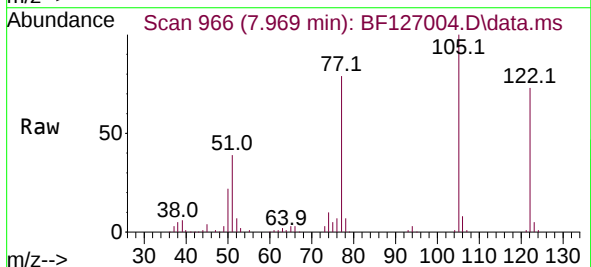
Instrument :
BNA_F
ClientSampleId :
PB142794BS

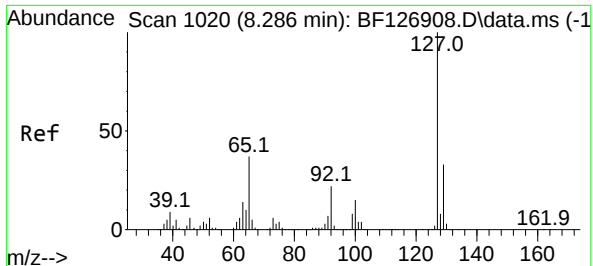
Tgt Ion:128 Resp: 738119
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.3 15.5



#32
Benzoic acid
Concen: 40.595 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:122 Resp: 153414
Ion Ratio Lower Upper
122 100
105 137.3 101.0 141.0
77 108.2 74.5 114.5

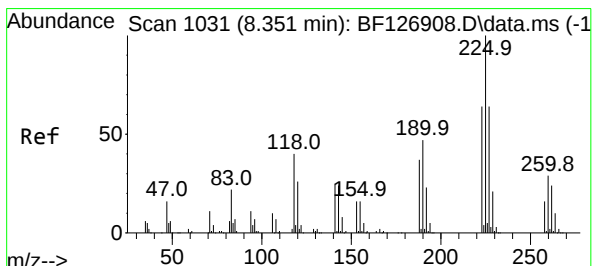
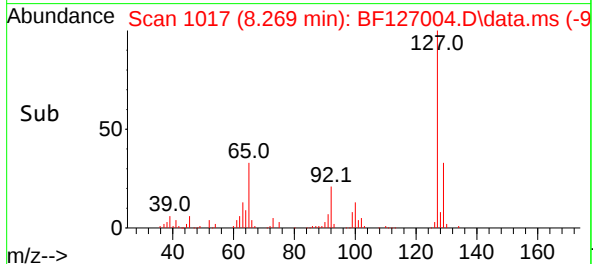
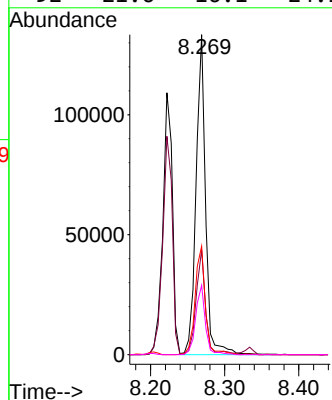
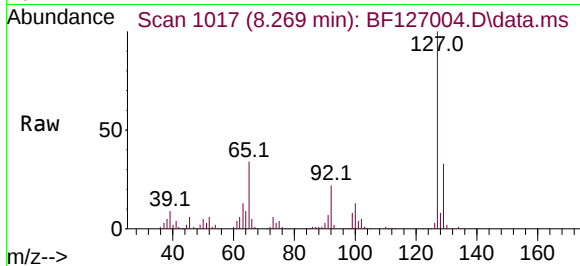




#33
4-Chloroaniline
Concen: 15.962 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

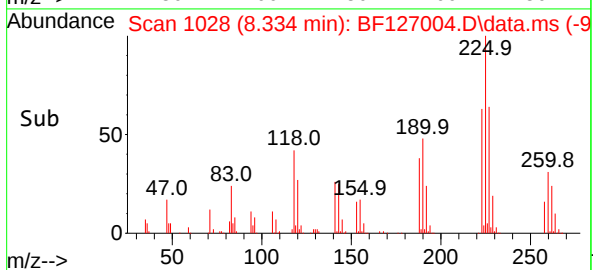
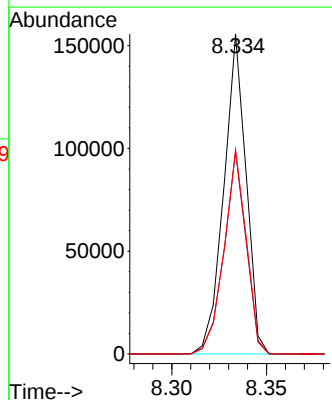
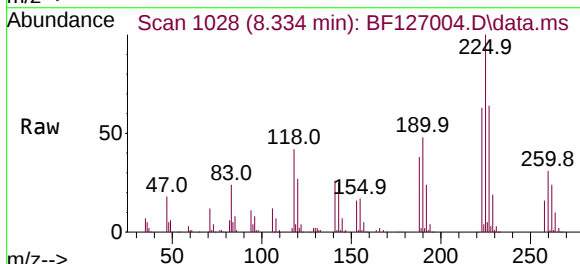
Instrument :
BNA_F
ClientSampleId :
PB142794BS

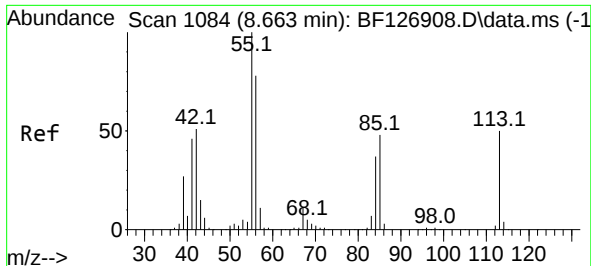
Tgt Ion:	127	Resp:	119388
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	33.9	26.6	39.8
92	21.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 38.921 ng
RT: 8.334 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:	225	Resp:	127273
Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.6	73.0
227	63.9	51.4	77.0

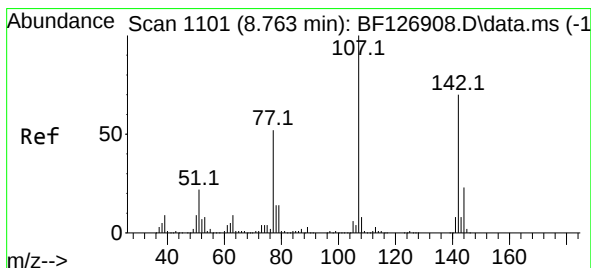
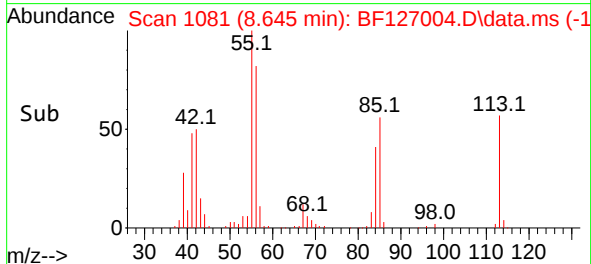
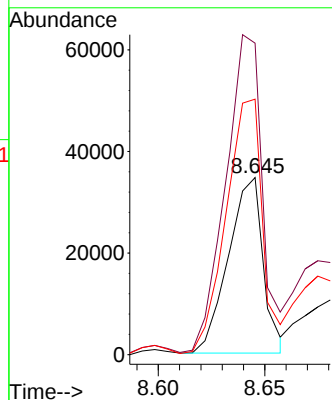
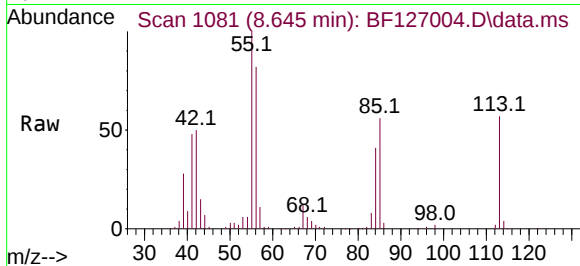




#35
 Caprolactam
 Concen: 22.421 ng
 RT: 8.645 min Scan# 1081
 Delta R.T. -0.006 min
 Lab File: BF127004.D
 Acq: 22 Feb 2022 12:53

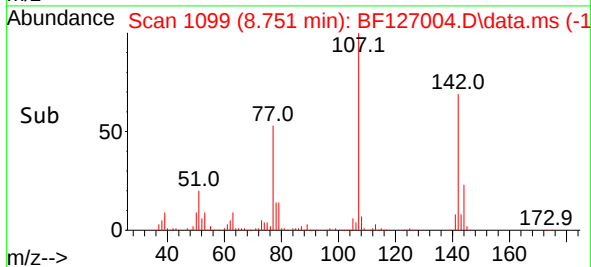
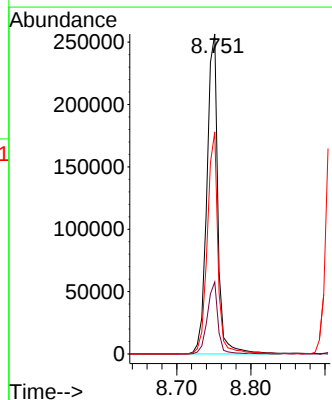
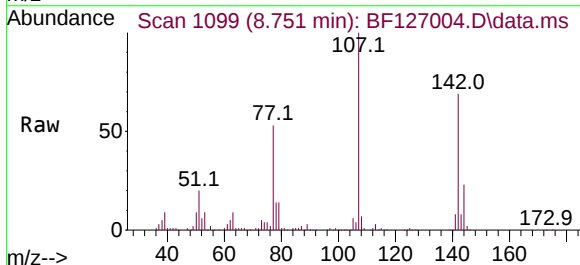
Instrument :
 BNA_F
 ClientSampleId :
 PB142794BS

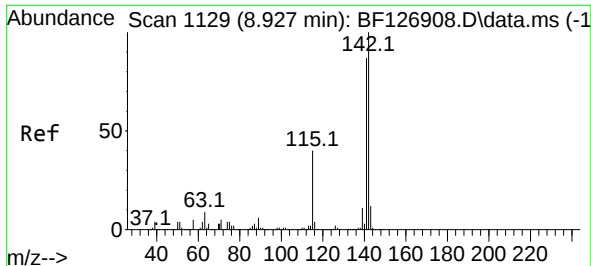
Tgt Ion:113 Resp: 39226
 Ion Ratio Lower Upper
 113 100
 55 175.9 183.9 223.9#
 56 144.3 129.9 169.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.484 ng
 RT: 8.751 min Scan# 1099
 Delta R.T. 0.000 min
 Lab File: BF127004.D
 Acq: 22 Feb 2022 12:53

Tgt Ion:107 Resp: 265614
 Ion Ratio Lower Upper
 107 100
 144 22.5 18.5 27.7
 142 69.4 58.1 87.1

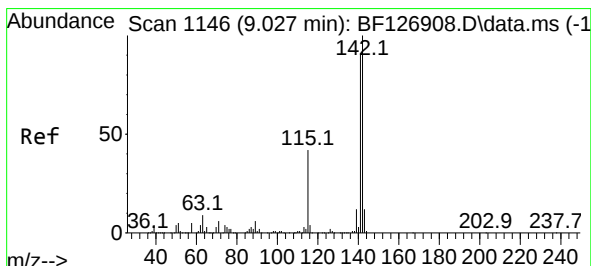
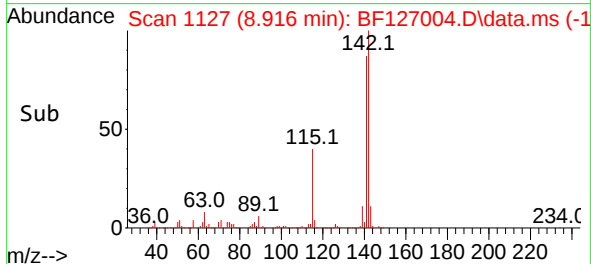
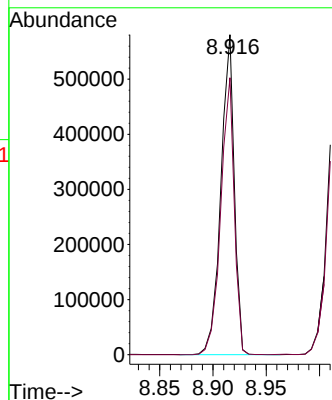
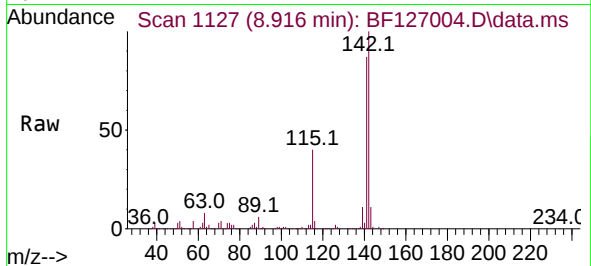




#37
2-Methylnaphthalene
Concen: 41.033 ng
RT: 8.916 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

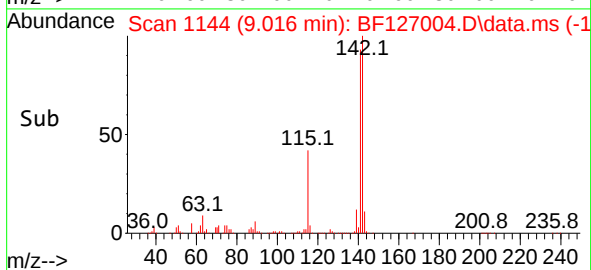
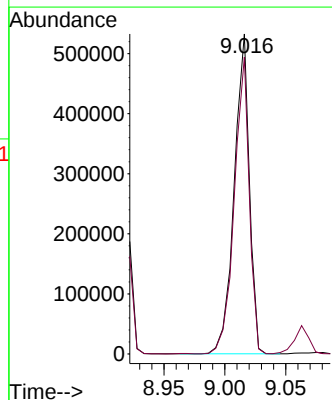
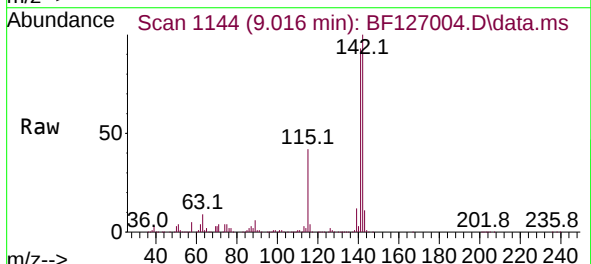
Instrument :
BNA_F
ClientSampleId :
PB142794BS

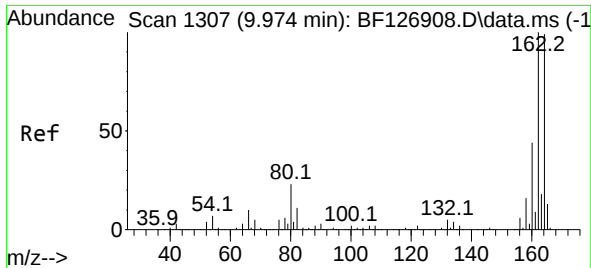
Tgt Ion:142 Resp: 505960
Ion Ratio Lower Upper
142 100
141 86.6 68.6 102.8



#38
1-Methylnaphthalene
Concen: 38.961 ng
RT: 9.016 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:142 Resp: 460036
Ion Ratio Lower Upper
142 100
141 92.8 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

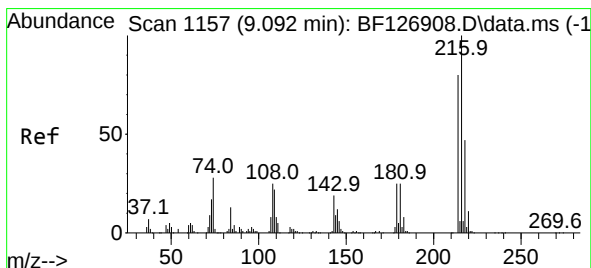
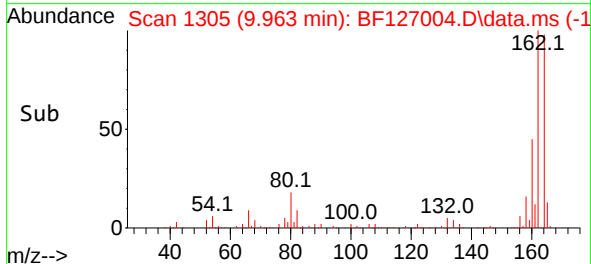
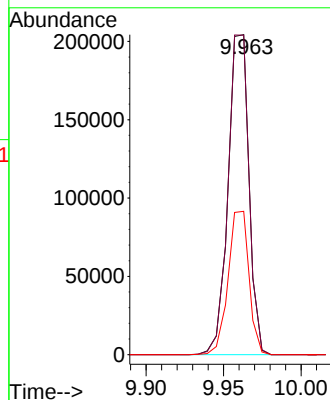
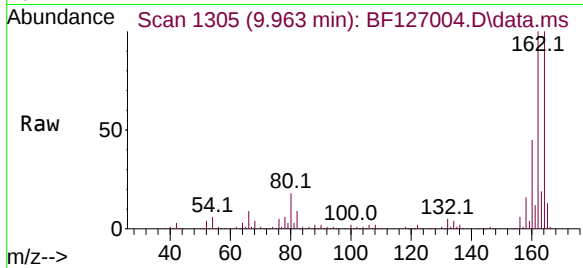
Tgt Ion:164 Resp: 191726

Ion Ratio Lower Upper

164 100

162 99.8 81.4 122.0

160 44.8 36.6 54.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.884 ng

RT: 9.081 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Tgt Ion:216 Resp: 206337

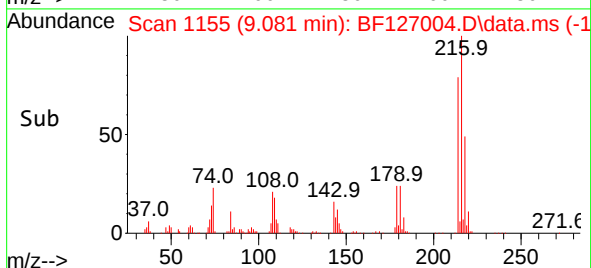
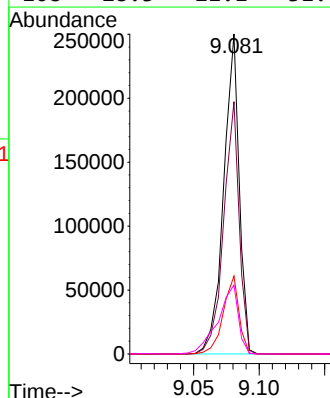
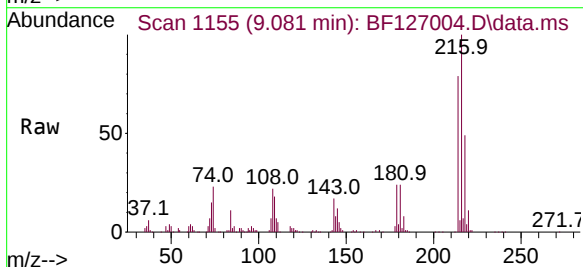
Ion Ratio Lower Upper

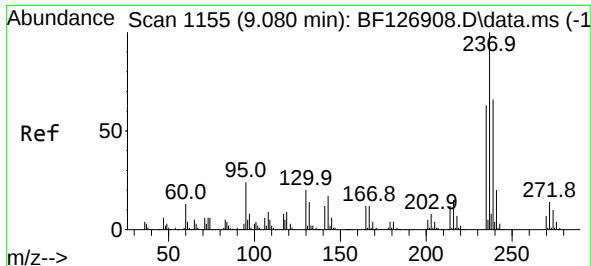
216 100

214 78.4 64.6 96.8

179 24.6 19.5 29.3

108 28.3 21.1 31.7

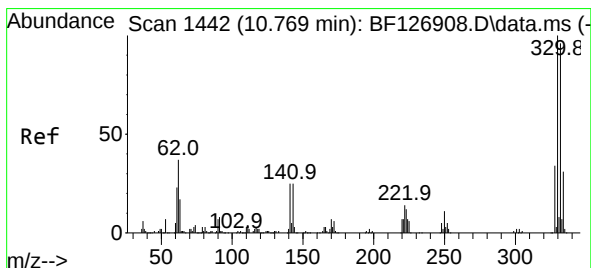
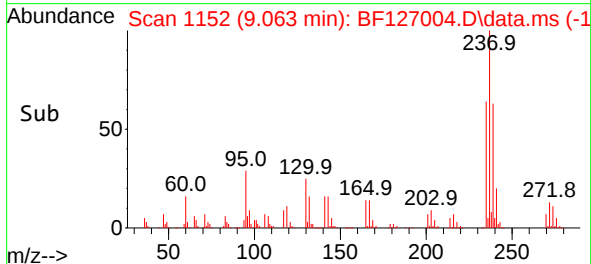
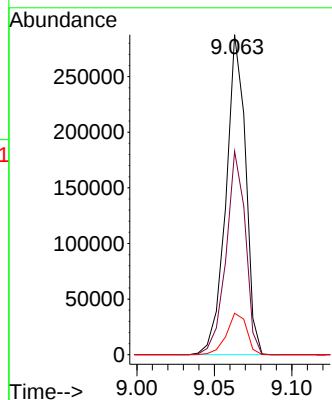
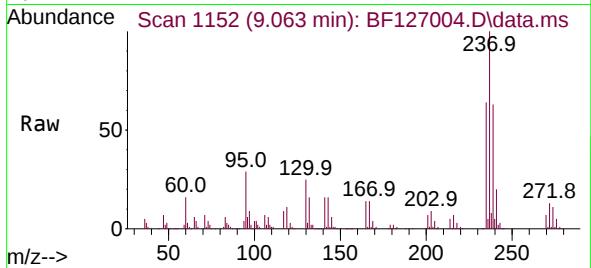




#41
Hexachlorocyclopentadiene
Concen: 92.719 ng
RT: 9.063 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

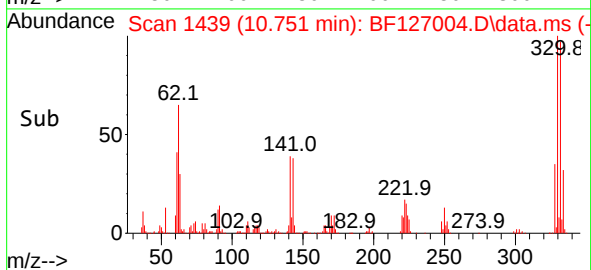
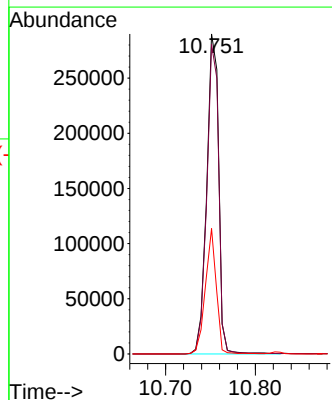
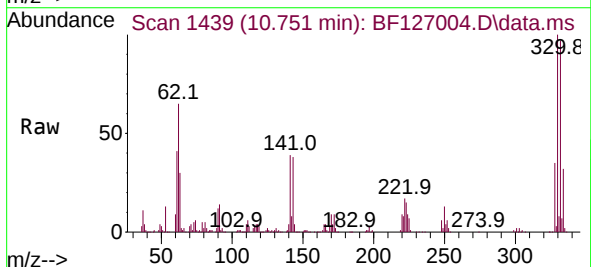
Instrument :
BNA_F
ClientSampleId :
PB142794BS

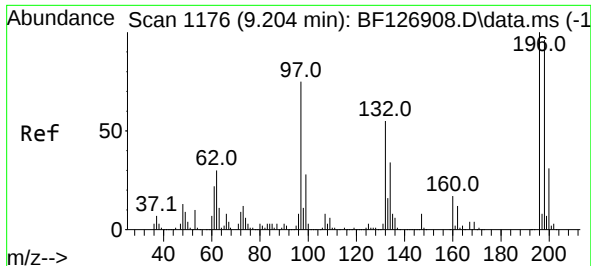
Tgt Ion:237 Resp: 253795
Ion Ratio Lower Upper
237 100
235 63.6 38.9 78.9
272 12.9 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 121.817 ng
RT: 10.751 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:330 Resp: 268906
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 35.8 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 38.874 ng

RT: 9.192 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

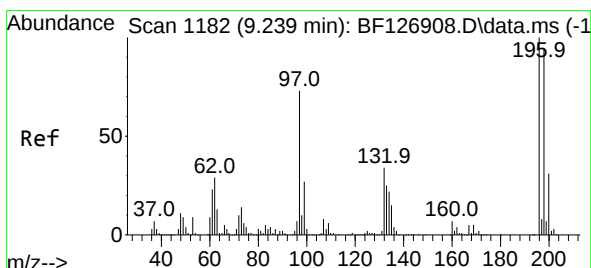
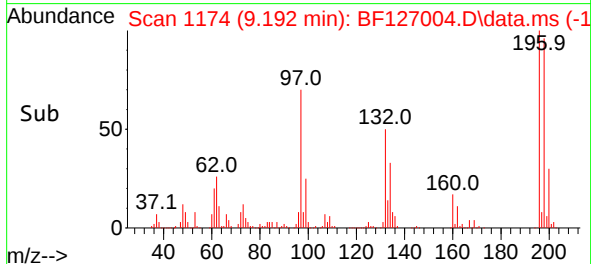
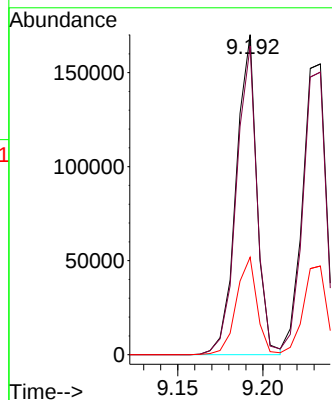
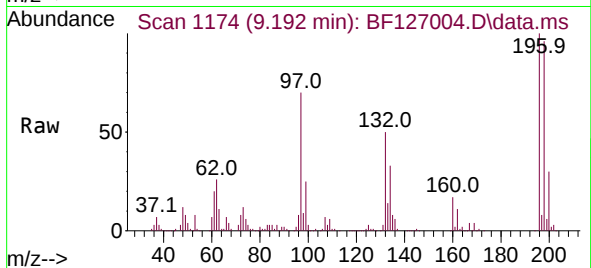
Tgt Ion:196 Resp: 143896

Ion Ratio Lower Upper

196 100

198 96.5 78.5 117.7

200 30.5 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 40.414 ng

RT: 9.234 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Tgt Ion:196 Resp: 157422

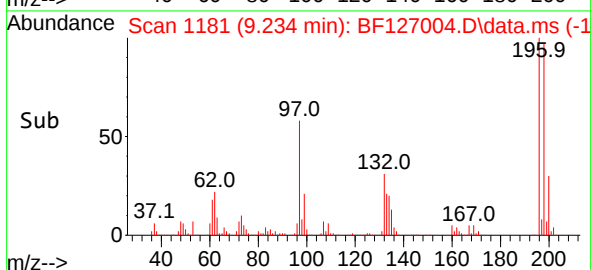
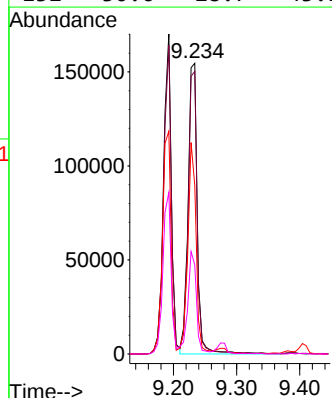
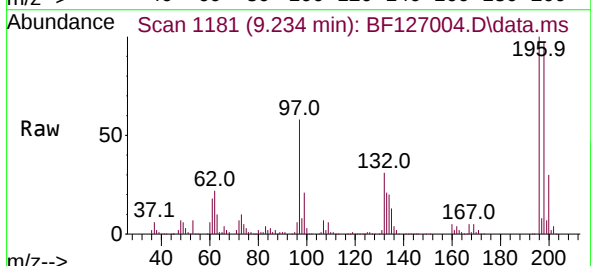
Ion Ratio Lower Upper

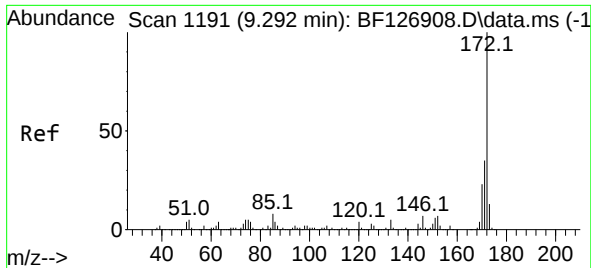
196 100

198 97.2 82.0 123.0

97 58.0 53.5 80.3

132 30.6 28.7 43.1

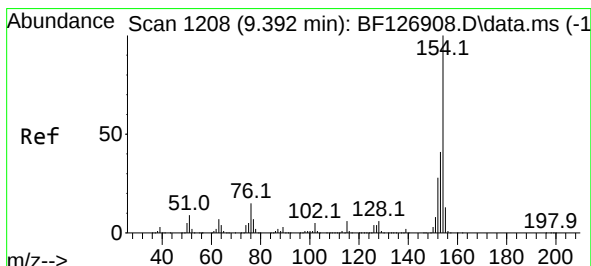
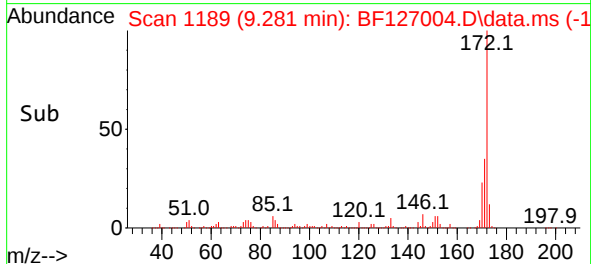
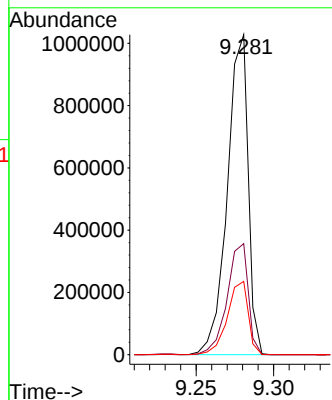
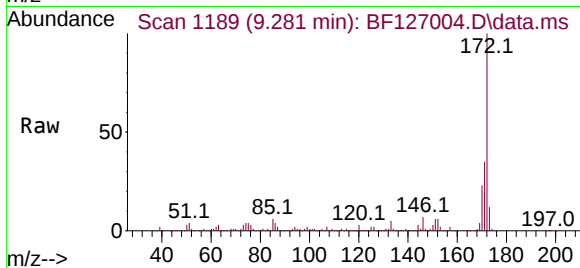




#45
2-Fluorobiphenyl
Concen: 73.808 ng
RT: 9.281 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

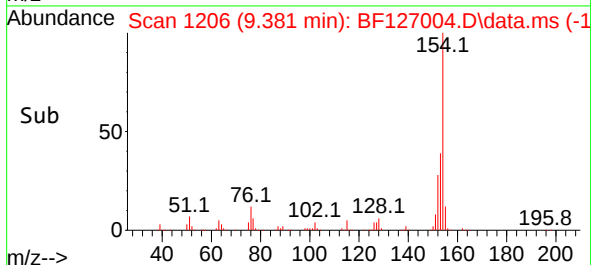
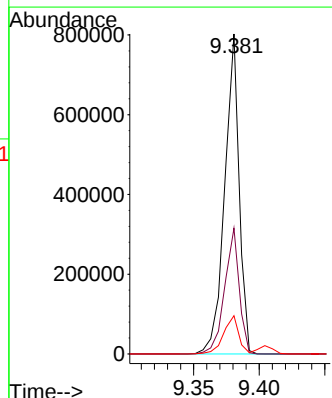
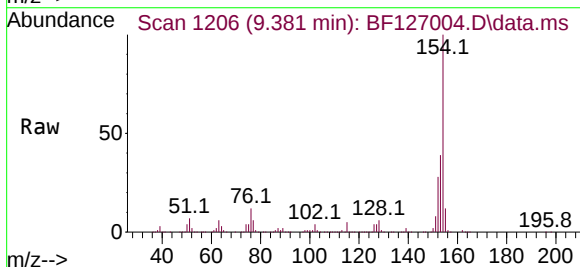
Instrument :
BNA_F
ClientSampleId :
PB142794BS

Tgt Ion:172 Resp: 961233
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 40.364 ng
RT: 9.381 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:154 Resp: 613128
Ion Ratio Lower Upper
154 100
153 39.3 19.0 59.0
76 12.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 38.886 ng

RT: 9.404 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

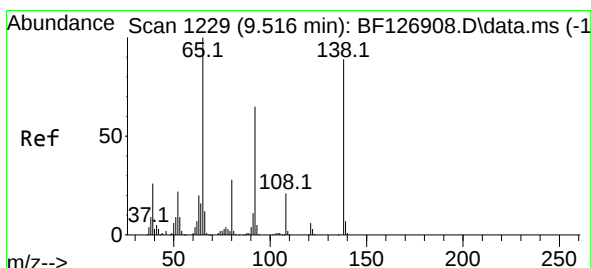
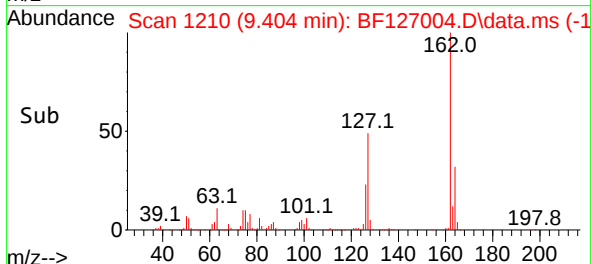
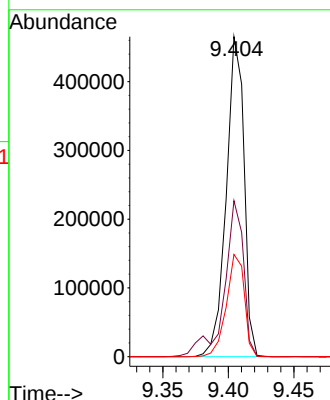
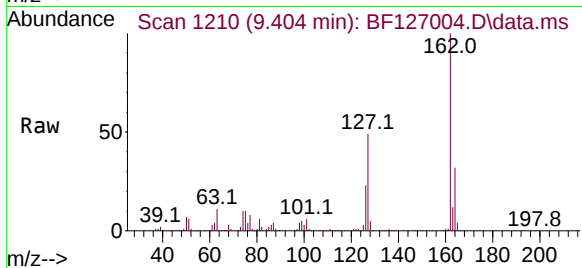
Tgt Ion:162 Resp: 438028

Ion Ratio Lower Upper

162 100

127 48.7 33.5 50.3

164 31.9 26.2 39.4



#48

2-Nitroaniline

Concen: 40.321 ng

RT: 9.504 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

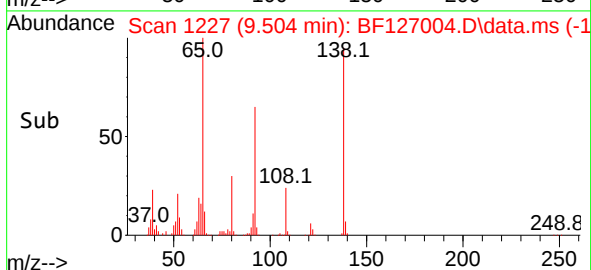
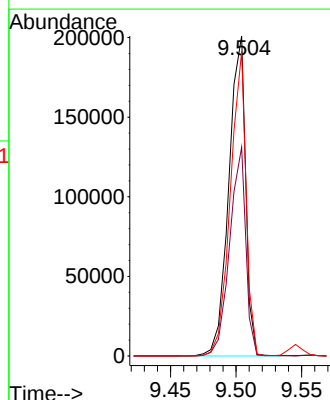
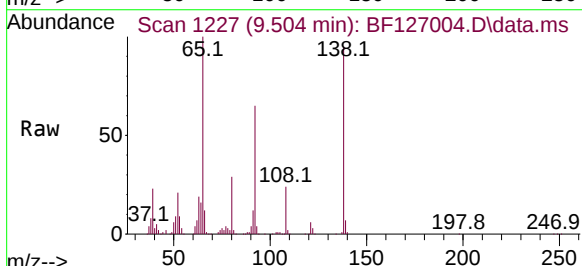
Tgt Ion: 65 Resp: 179232

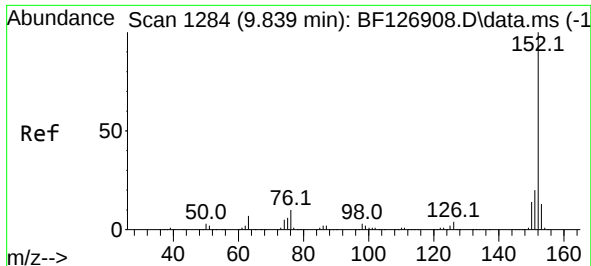
Ion Ratio Lower Upper

65 100

92 65.2 54.4 81.6

138 95.1 72.5 108.7

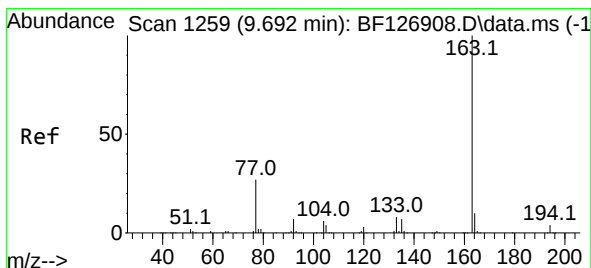
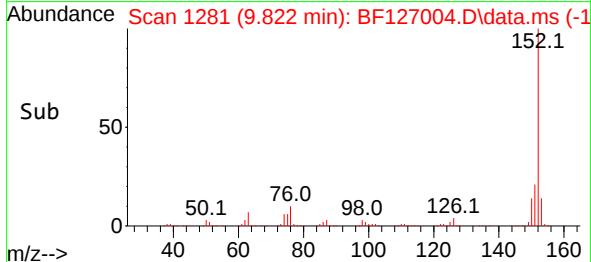
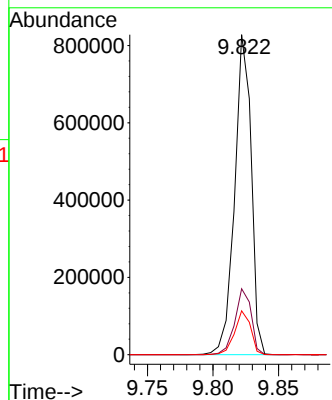
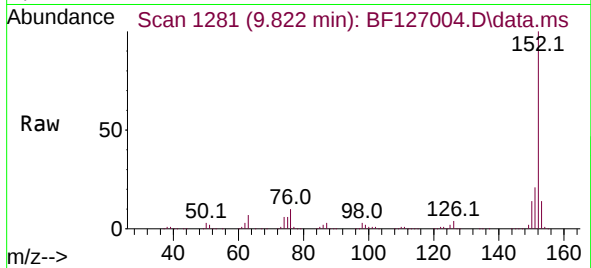




#49
Acenaphthylene
Concen: 39.744 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

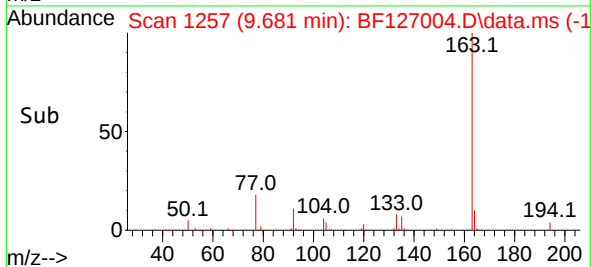
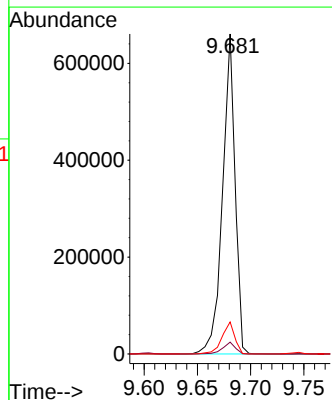
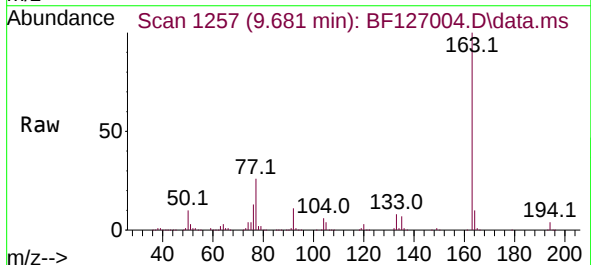
Instrument :
BNA_F
ClientSampleId :
PB142794BS

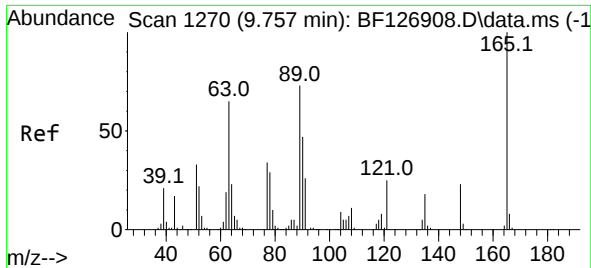
Tgt Ion:152 Resp: 727209
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 13.7 11.4 17.0



#50
Dimethylphthalate
Concen: 39.288 ng
RT: 9.681 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:163 Resp: 538411
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.0 7.8 11.8

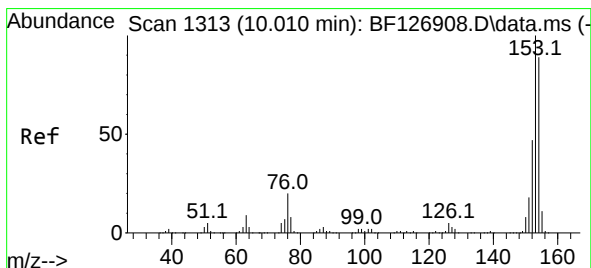
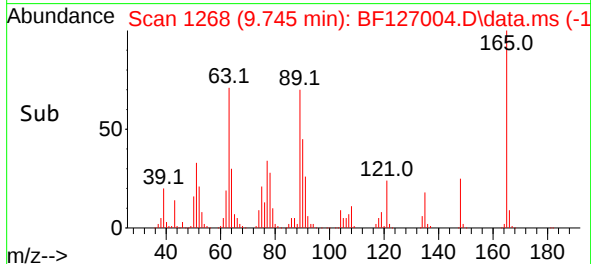
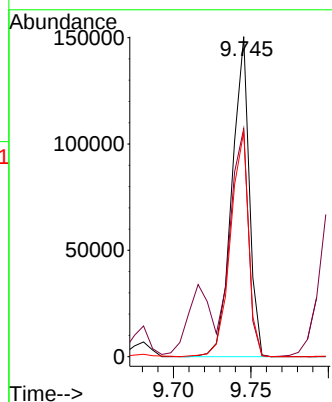
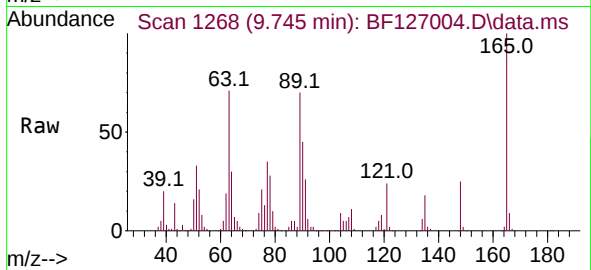




#51
2,6-Dinitrotoluene
Concen: 41.956 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

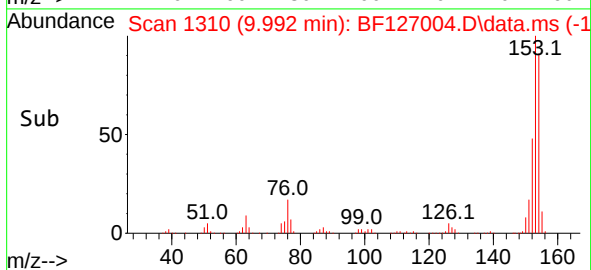
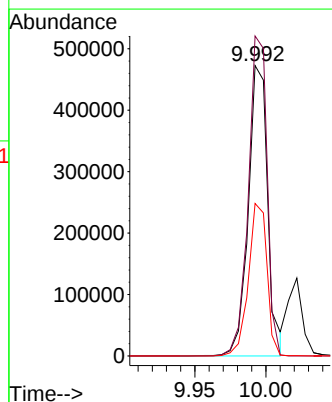
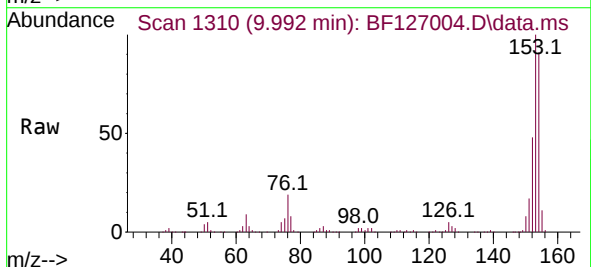
Instrument :
BNA_F
ClientSampleId :
PB142794BS

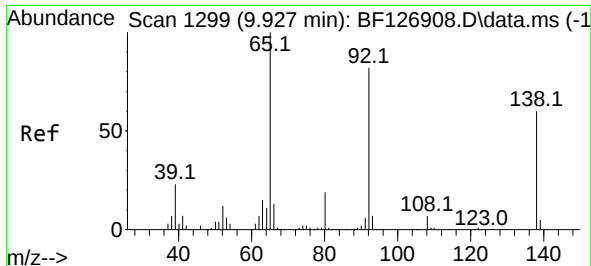
Tgt Ion:165 Resp: 116982
Ion Ratio Lower Upper
165 100
63 71.3 48.4 72.6
89 70.3 50.5 75.7



#52
Acenaphthene
Concen: 37.635 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:154 Resp: 447846
Ion Ratio Lower Upper
154 100
153 110.2 87.8 131.6
152 52.5 39.4 59.2

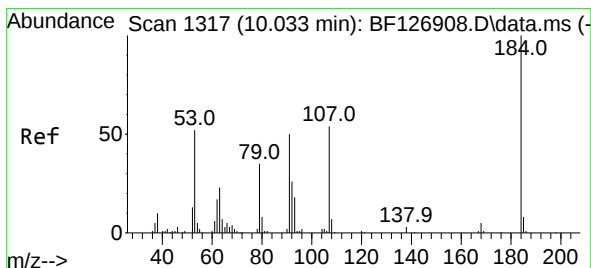
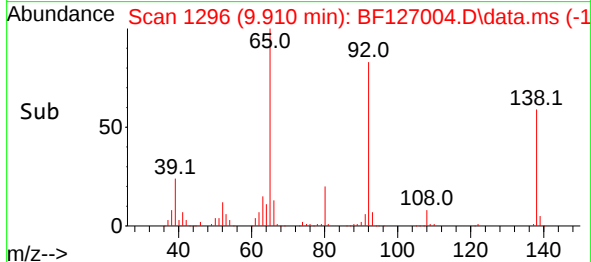
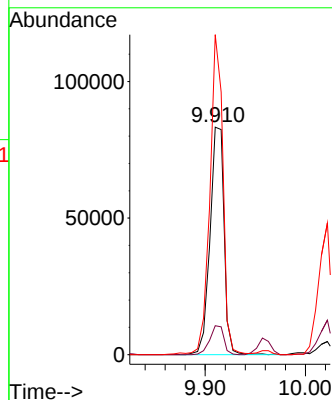
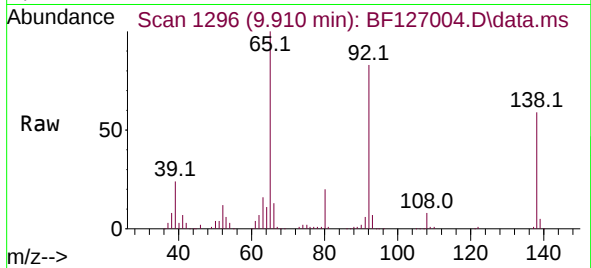




#53
3-Nitroaniline
Concen: 23.876 ng
RT: 9.910 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

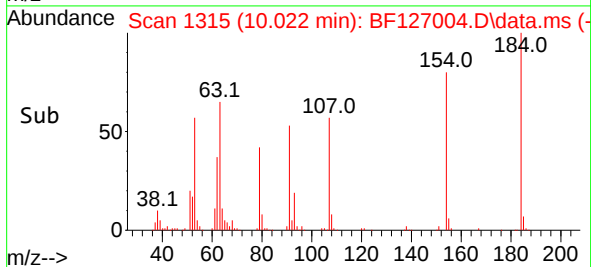
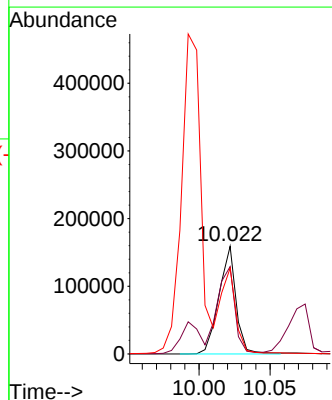
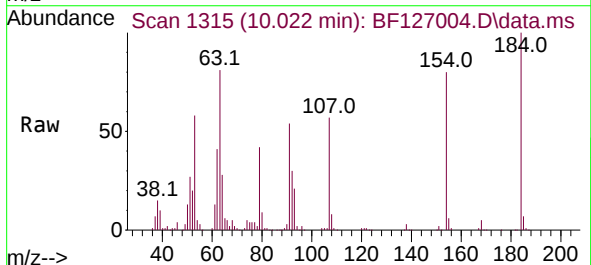
Instrument :
BNA_F
ClientSampleId :
PB142794BS

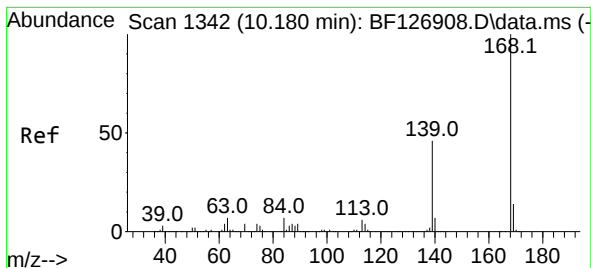
Tgt Ion:138 Resp: 81376
Ion Ratio Lower Upper
138 100
108 12.8 8.6 13.0
92 140.7 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 90.037 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:184 Resp: 132875
Ion Ratio Lower Upper
184 100
63 81.1 70.4 105.6
154 79.6 49.7 74.5#





#55

Dibenzenofuran

Concen: 38.503 ng

RT: 10.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

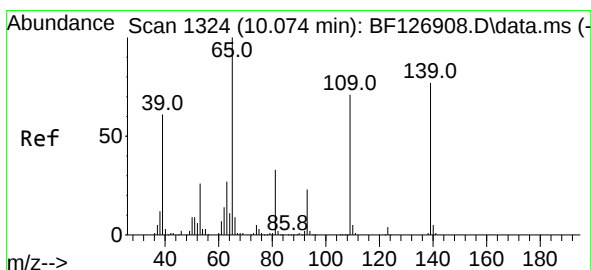
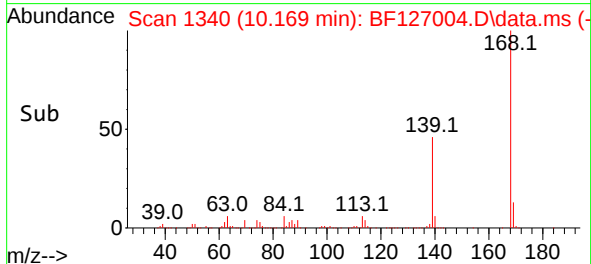
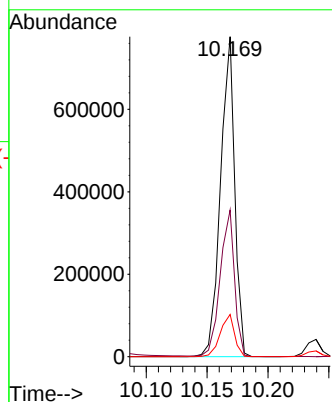
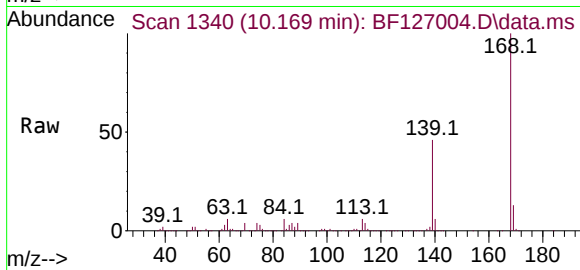
Tgt Ion:168 Resp: 630025

Ion Ratio Lower Upper

168 100

139 45.8 30.6 46.0

169 13.2 10.0 15.0



#56

4-Nitrophenol

Concen: 83.962 ng

RT: 10.075 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

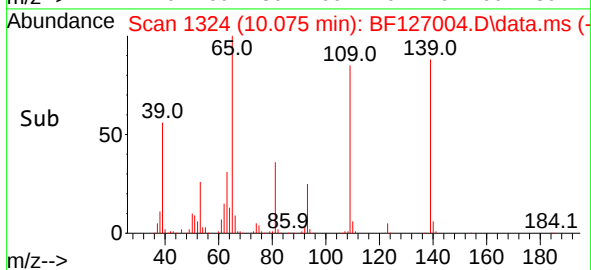
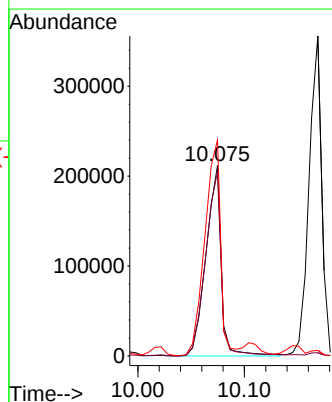
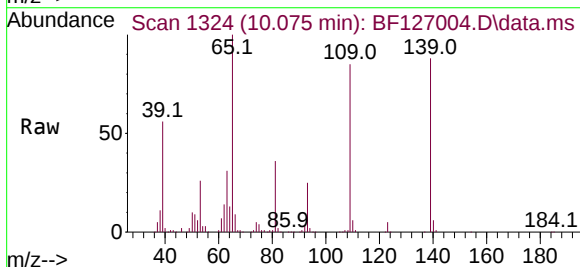
Tgt Ion:139 Resp: 211353

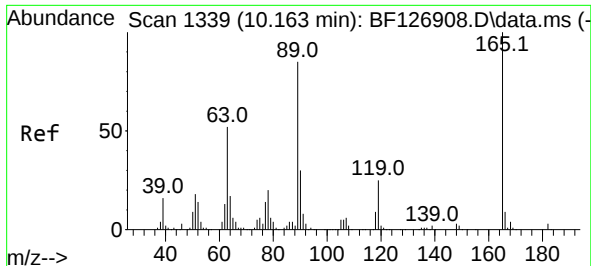
Ion Ratio Lower Upper

139 100

109 96.7 44.1 84.1#

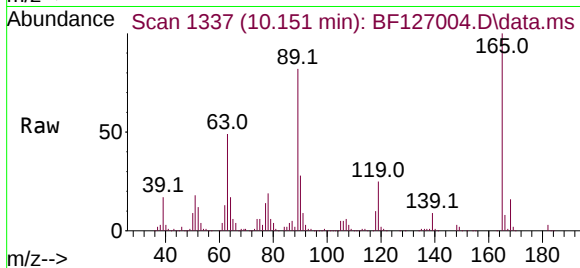
65 113.4 85.5 125.5



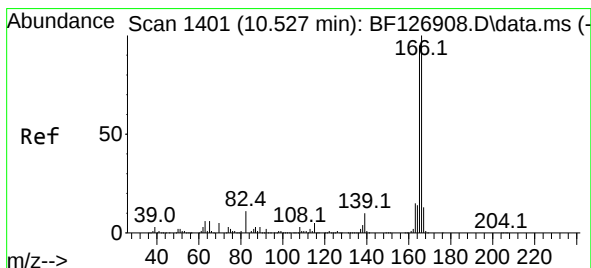
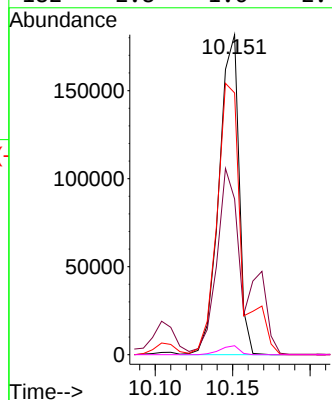
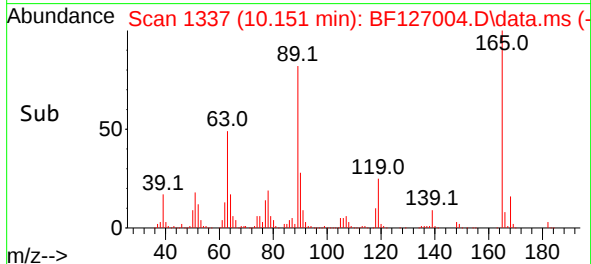


#57
2,4-Dinitrotoluene
Concen: 43.040 ng
RT: 10.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

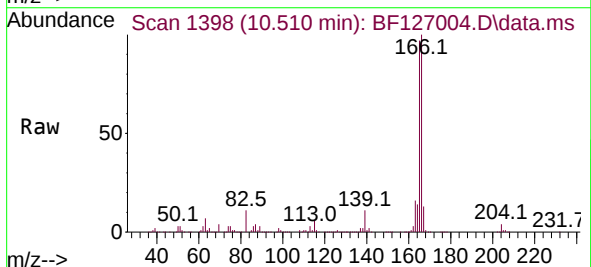
Instrument :
BNA_F
ClientSampleId :
PB142794BS



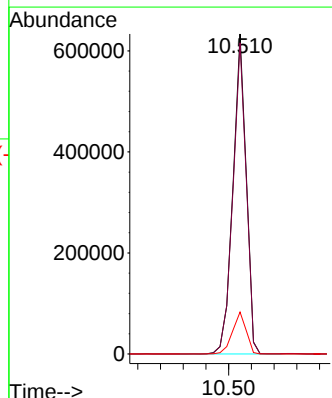
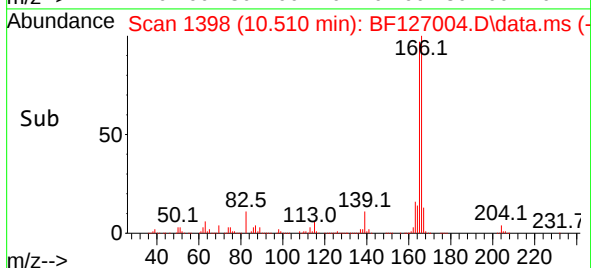
Tgt Ion:165 Resp: 162256
Ion Ratio Lower Upper
165 100
63 48.6 43.0 64.6
89 81.8 71.0 106.4
182 2.8 1.6 2.4#

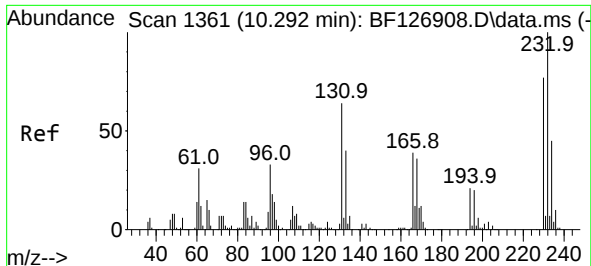


#58
Fluorene
Concen: 40.236 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53



Tgt Ion:166 Resp: 512838
Ion Ratio Lower Upper
166 100
165 97.2 77.7 116.5
167 13.1 10.7 16.1

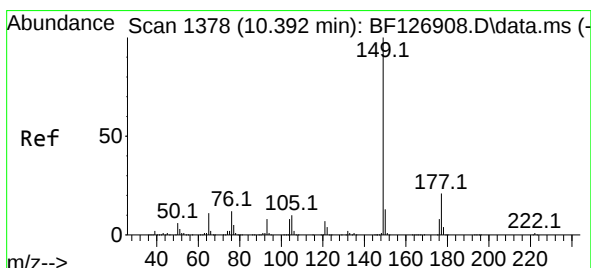
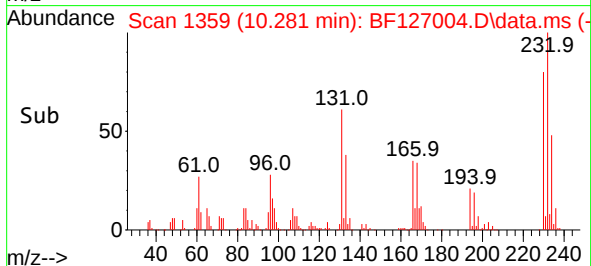
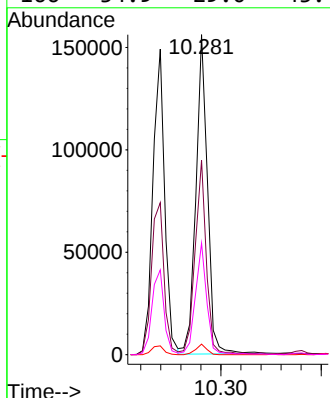
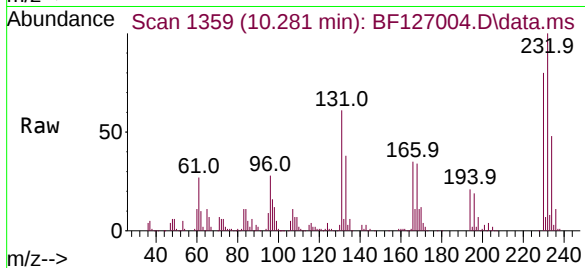




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.666 ng
RT: 10.281 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

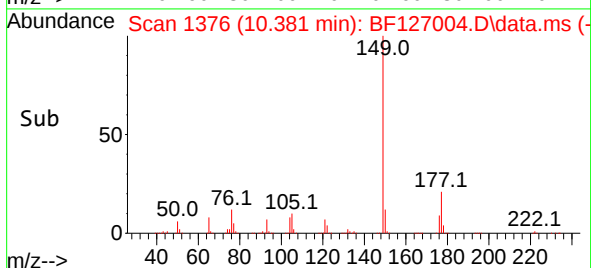
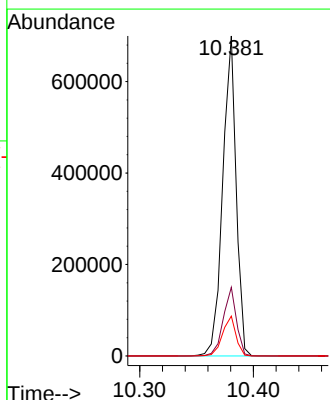
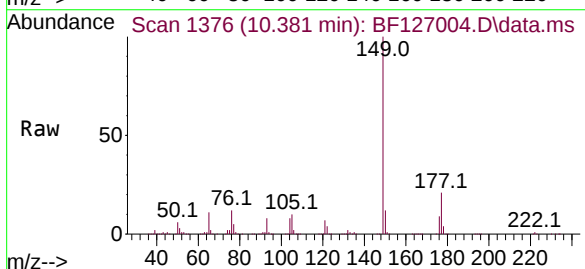
Instrument :
BNA_F
ClientSampleId :
PB142794BS

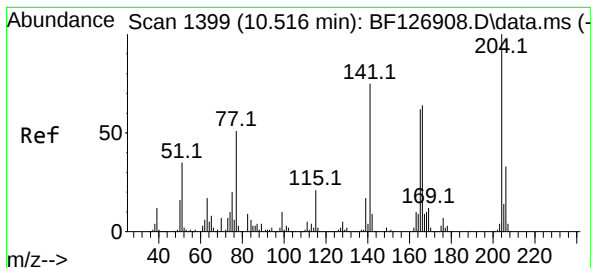
Tgt Ion:232 Resp: 125581
Ion Ratio Lower Upper
232 100
131 58.4 50.0 75.0
130 3.1 2.2 3.2
166 34.9 29.0 43.4



#60
Diethylphthalate
Concen: 40.230 ng
RT: 10.381 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:149 Resp: 576080
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.4 9.8 14.8

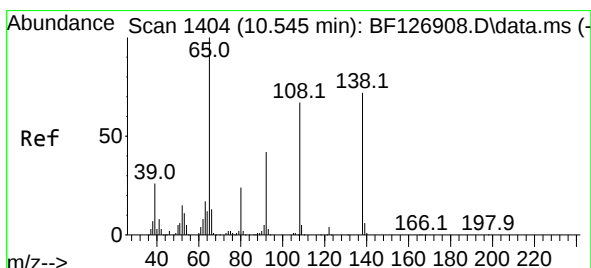
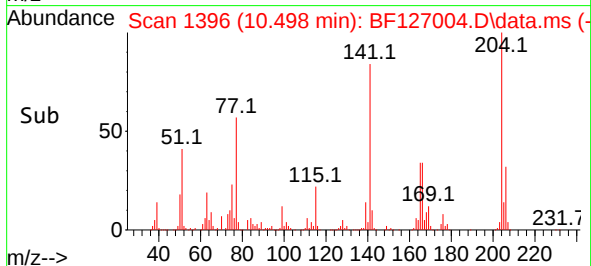
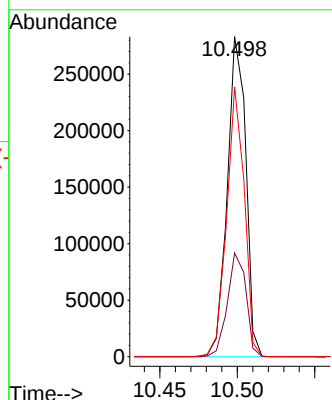
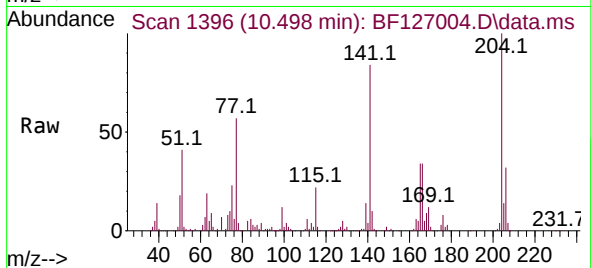




#61
4-Chlorophenyl-phenylether
Concen: 39.222 ng
RT: 10.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

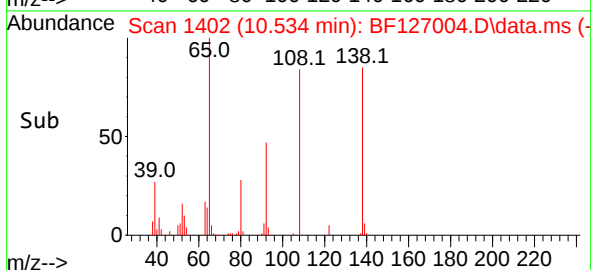
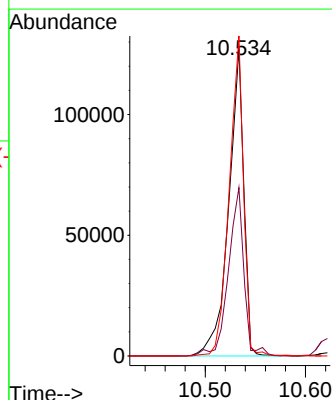
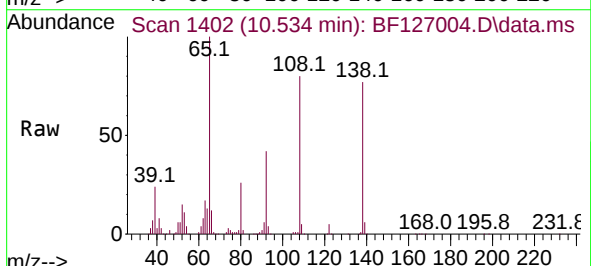
Instrument :
BNA_F
ClientSampleId :
PB142794BS

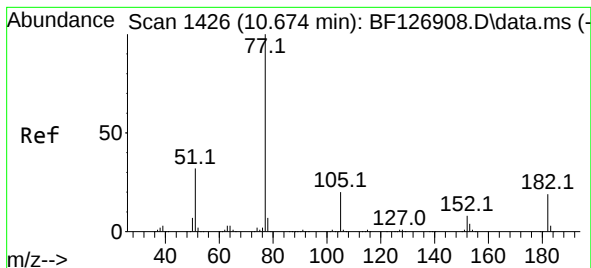
Tgt Ion:204 Resp: 235725
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 84.3 59.0 88.6



#62
4-Nitroaniline
Concen: 39.570 ng
RT: 10.534 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:138 Resp: 133175
Ion Ratio Lower Upper
138 100
92 54.7 36.2 76.2
108 104.0 46.7 86.7#





#63

Azobenzene

Concen: 37.885 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

Tgt Ion: 77 Resp: 604091

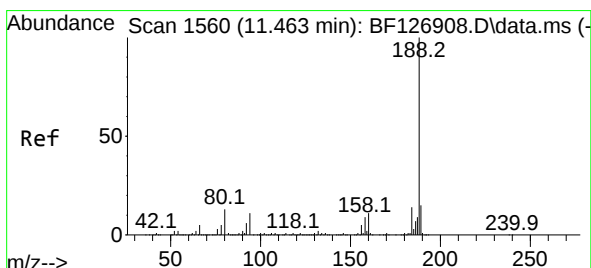
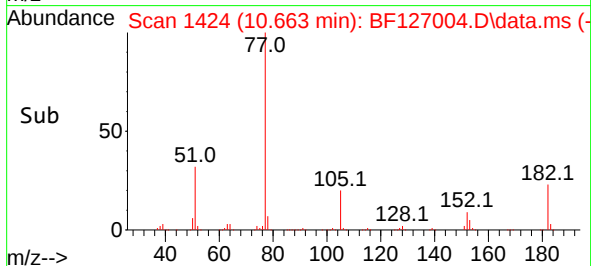
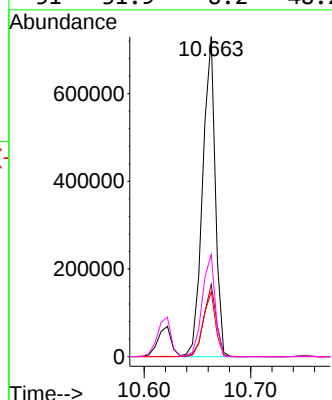
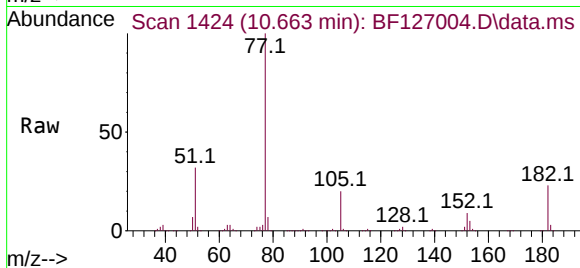
Ion Ratio Lower Upper

77 100

182 22.6 0.0 39.0

105 20.3 3.2 43.2

51 31.9 8.2 48.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1558

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

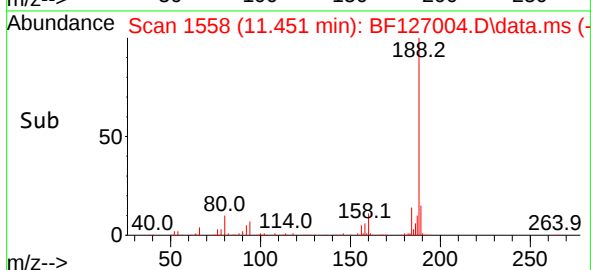
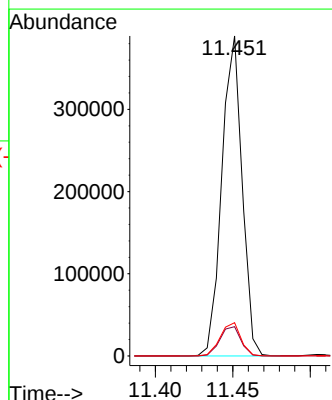
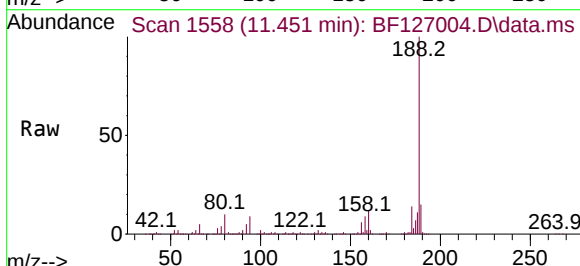
Tgt Ion: 188 Resp: 353699

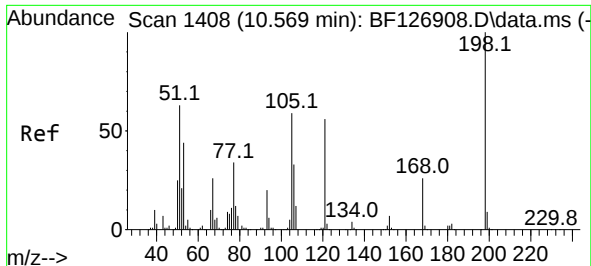
Ion Ratio Lower Upper

188 100

94 9.2 10.1 15.1#

80 10.4 11.8 17.6#

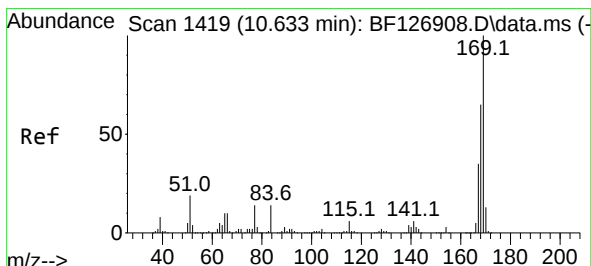
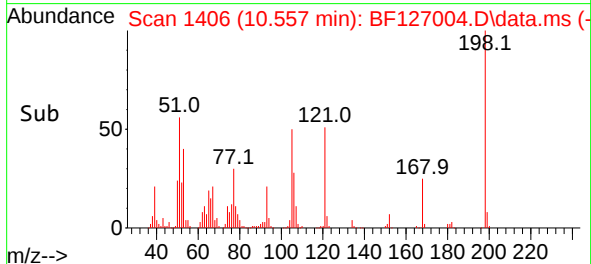
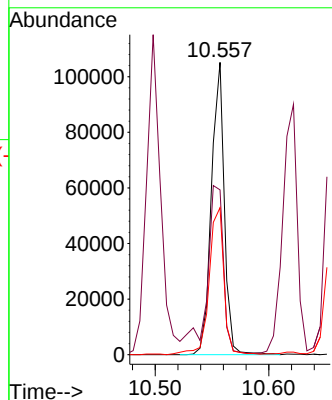
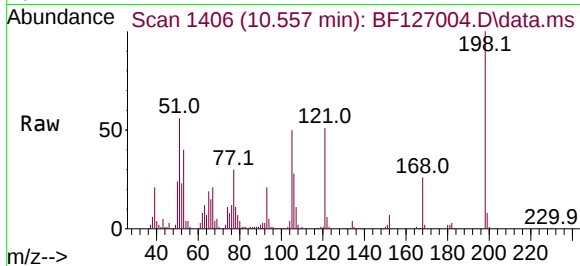




#65
4,6-Dinitro-2-methylphenol
Concen: 39.864 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

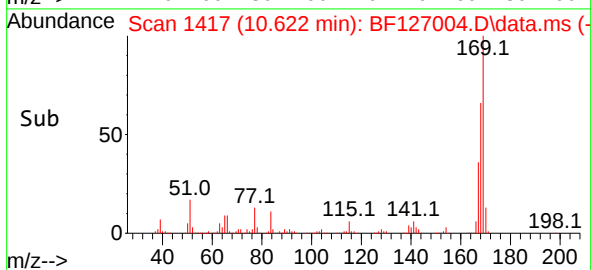
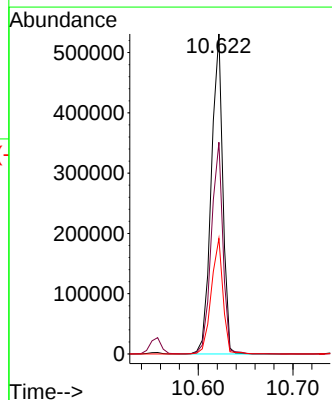
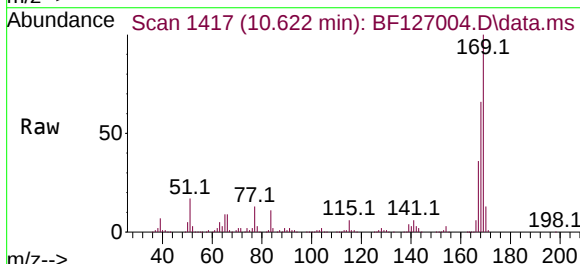
Instrument :
BNA_F
ClientSampleId :
PB142794BS

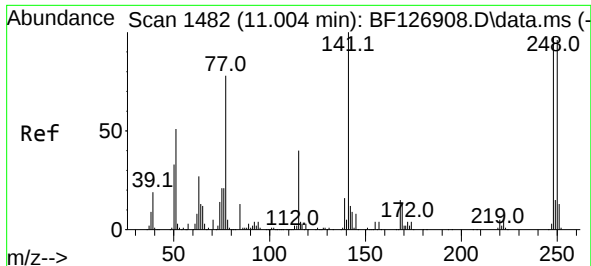
Tgt Ion:198 Resp: 82845
Ion Ratio Lower Upper
198 100
51 56.4 32.0 72.0
105 50.3 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 38.540 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:169 Resp: 446995
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.0
167 36.1 29.4 44.0

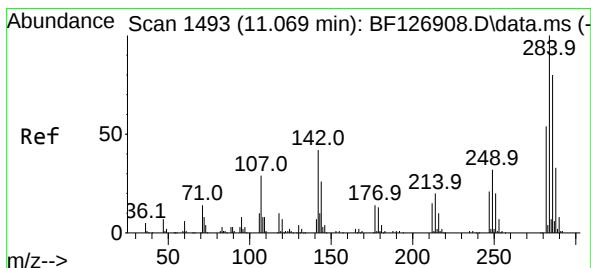
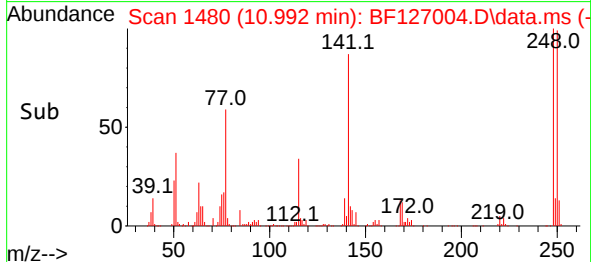
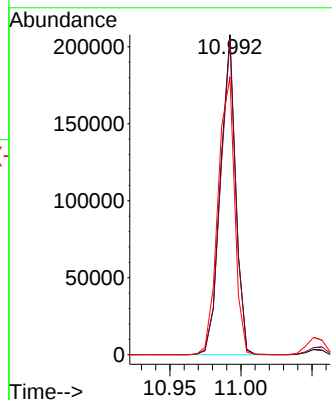
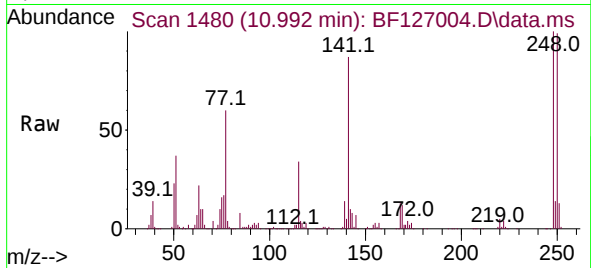




#67
4-Bromophenyl-phenylether
Concen: 39.250 ng
RT: 10.992 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

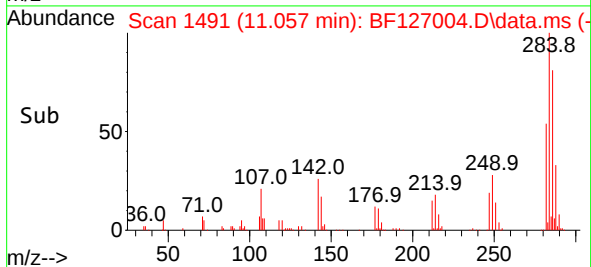
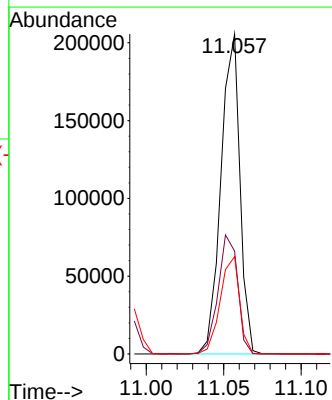
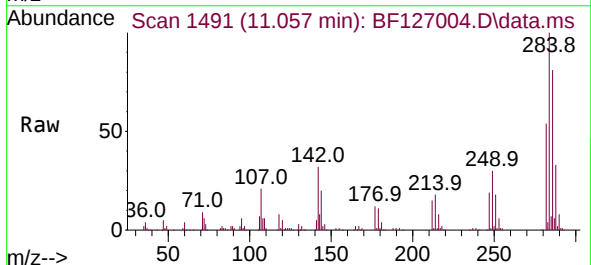
Instrument :
BNA_F
ClientSampleId :
PB142794BS

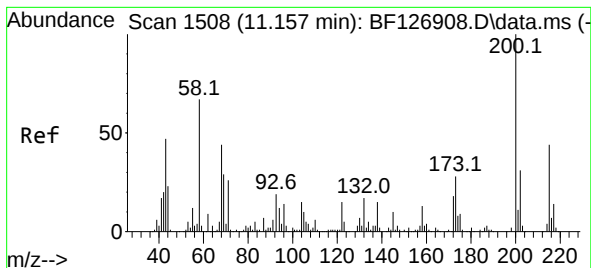
Tgt Ion:248 Resp: 155110
Ion Ratio Lower Upper
248 100
250 98.5 76.2 114.4
141 86.6 66.2 99.4



#68
Hexachlorobenzene
Concen: 41.101 ng
RT: 11.057 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:284 Resp: 174859
Ion Ratio Lower Upper
284 100
142 32.1 30.7 46.1
249 30.4 21.1 31.7





#69

Atrazine

Concen: 42.650 ng

RT: 11.145 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

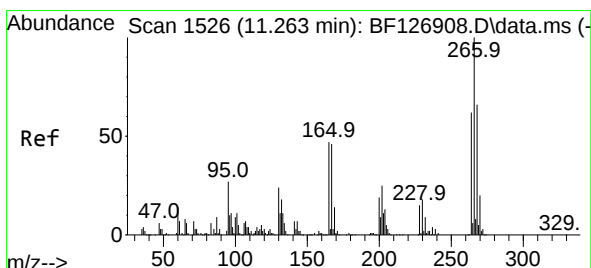
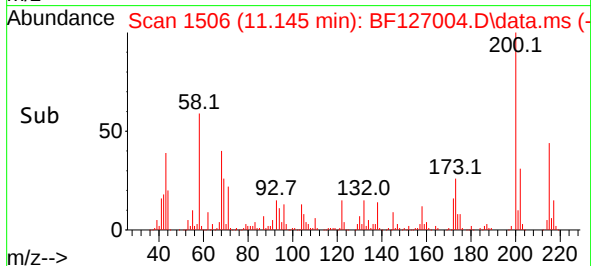
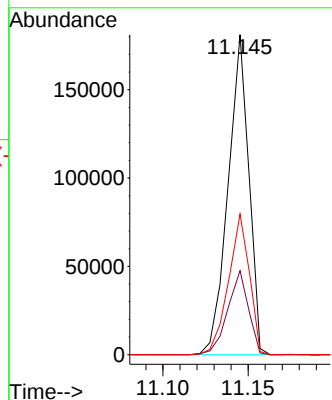
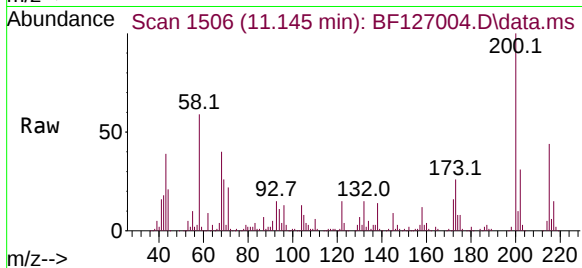
Tgt Ion:200 Resp: 153420

Ion Ratio Lower Upper

200 100

173 26.3 9.2 49.2

215 43.9 23.2 63.2



#70

Pentachlorophenol

Concen: 85.253 ng

RT: 11.251 min Scan# 1524

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

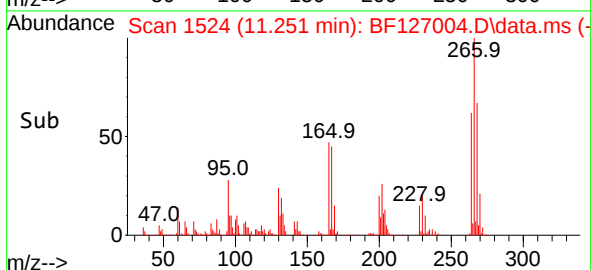
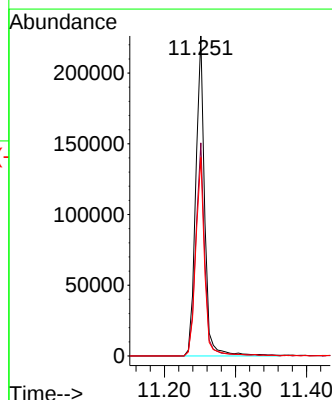
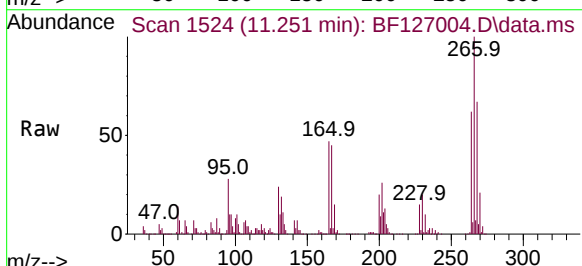
Tgt Ion:266 Resp: 197990

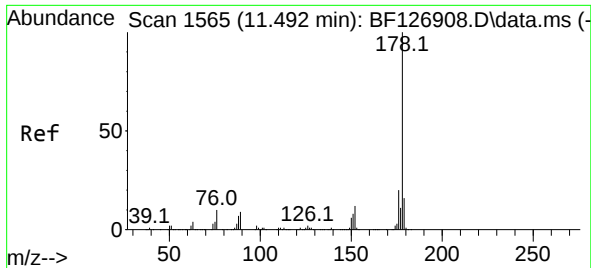
Ion Ratio Lower Upper

266 100

268 66.6 52.3 78.5

264 62.1 50.4 75.6

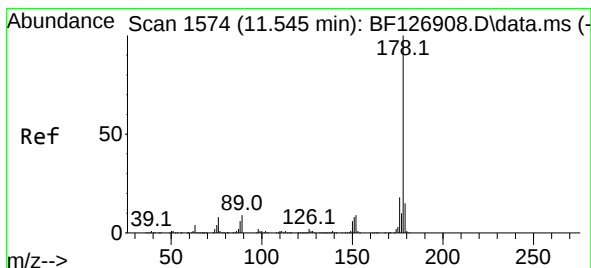
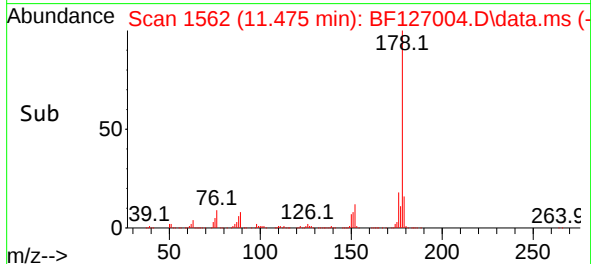
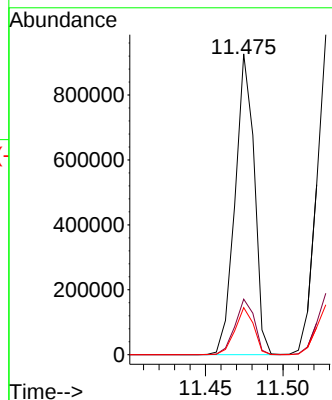
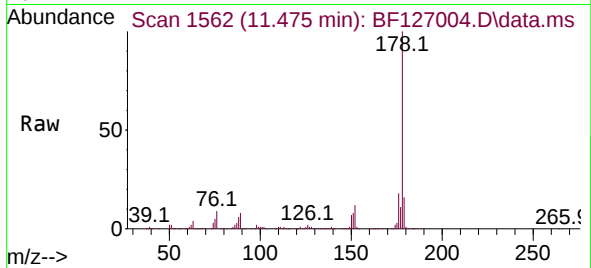




#71
Phenanthrene
Concen: 40.218 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

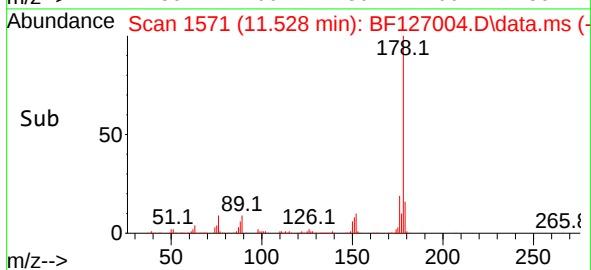
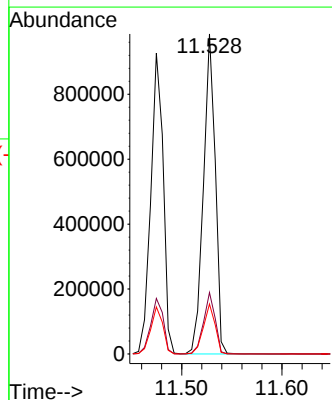
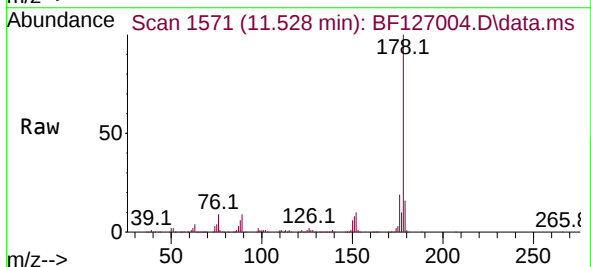
Instrument :
BNA_F
ClientSampleId :
PB142794BS

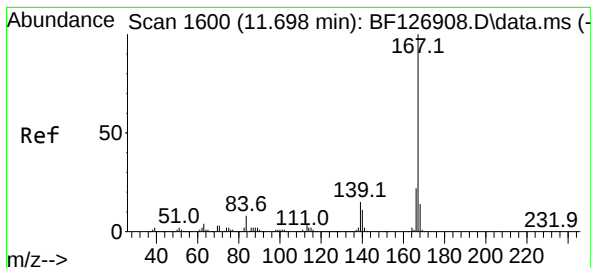
Tgt Ion:178 Resp: 796196
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.6 12.3 18.5



#72
Anthracene
Concen: 41.119 ng
RT: 11.528 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:178 Resp: 810396
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 15.6 12.5 18.7





#73

Carbazole

Concen: 38.765 ng

RT: 11.681 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

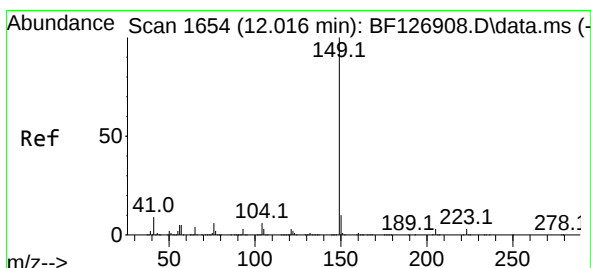
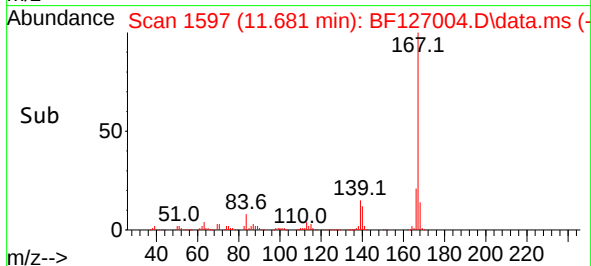
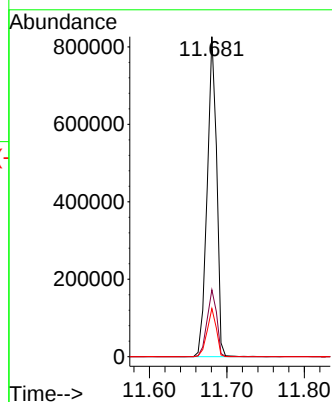
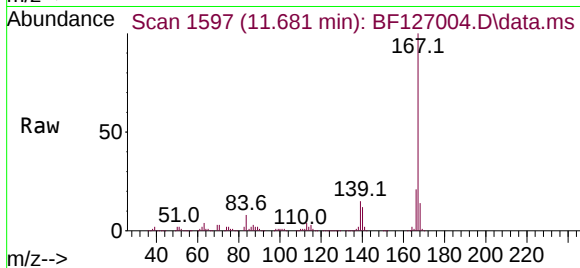
Tgt Ion:167 Resp: 700616

Ion Ratio Lower Upper

167 100

166 20.9 16.9 25.3

139 15.1 11.3 16.9



#74

Di-n-butylphthalate

Concen: 39.551 ng

RT: 12.004 min Scan# 1652

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

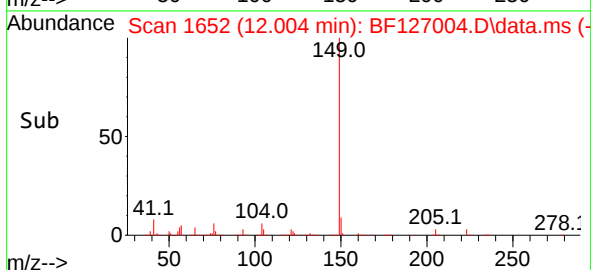
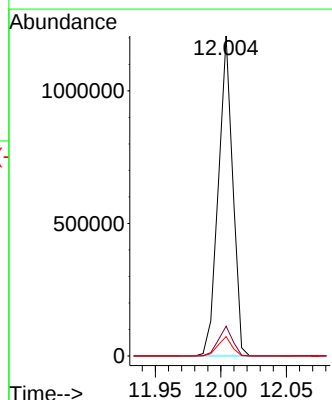
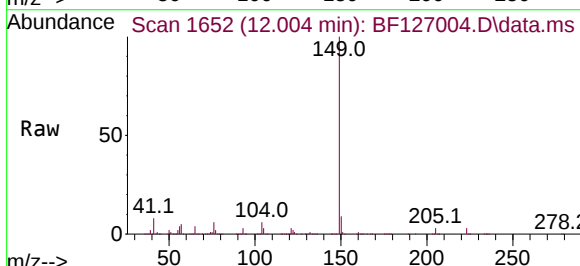
Tgt Ion:149 Resp: 918955

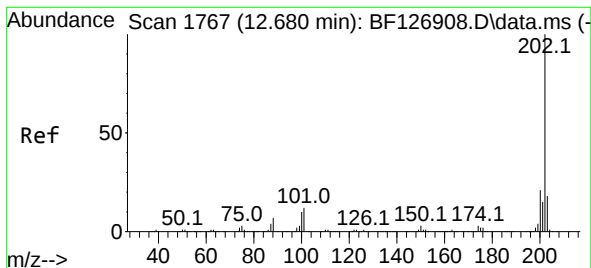
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 6.1 4.2 6.2





#75

Fluoranthene

Concen: 42.478 ng

RT: 12.669 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

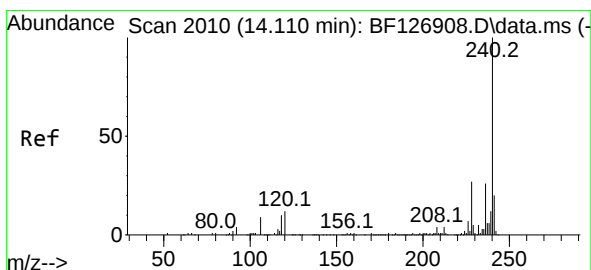
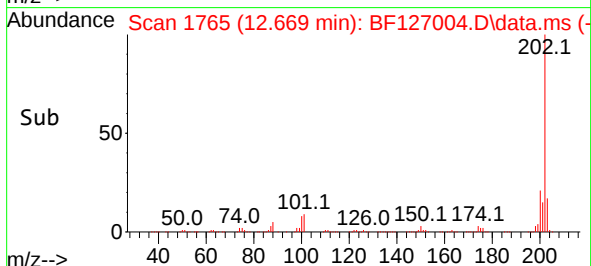
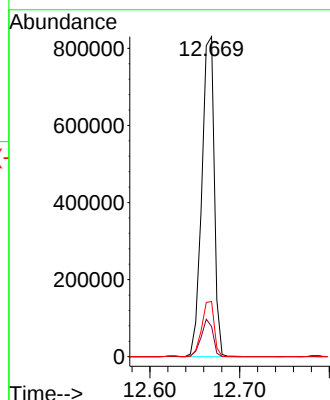
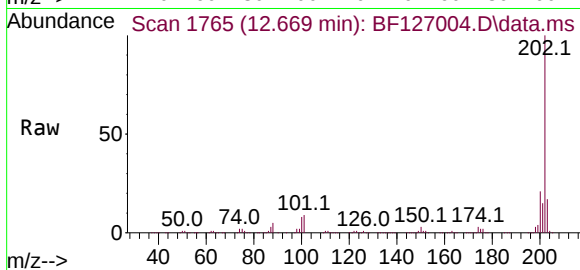
Tgt Ion:202 Resp: 798473

Ion Ratio Lower Upper

202 100

101 9.4 0.0 35.7

203 17.3 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

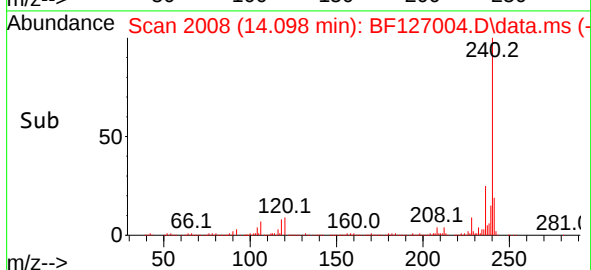
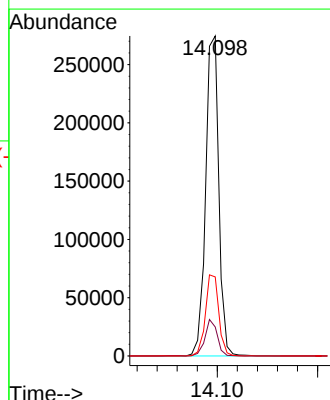
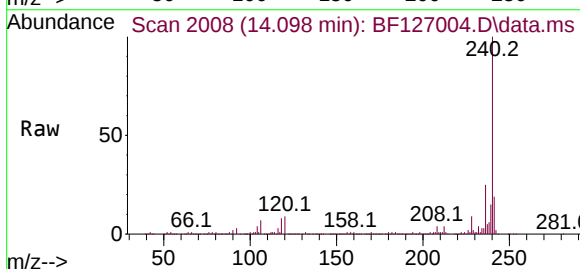
Tgt Ion:240 Resp: 251533

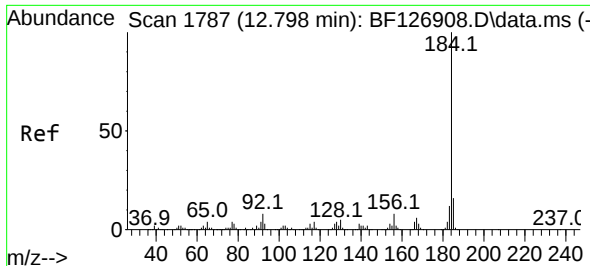
Ion Ratio Lower Upper

240 100

120 9.1 14.4 21.6#

236 24.7 20.5 30.7

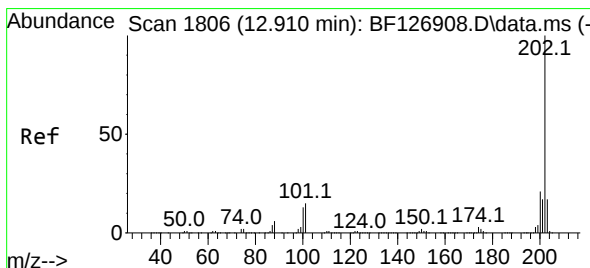
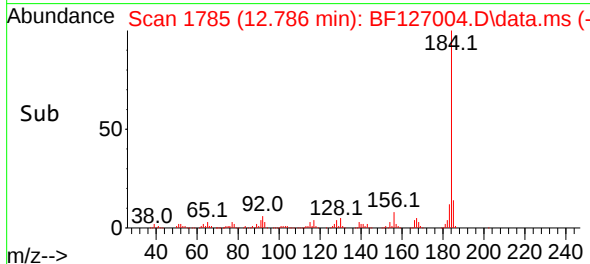
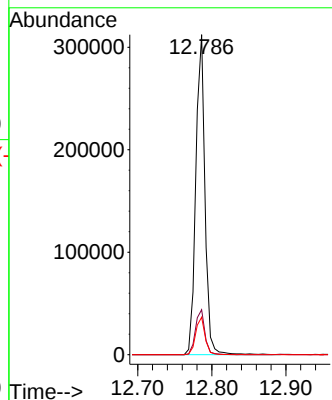
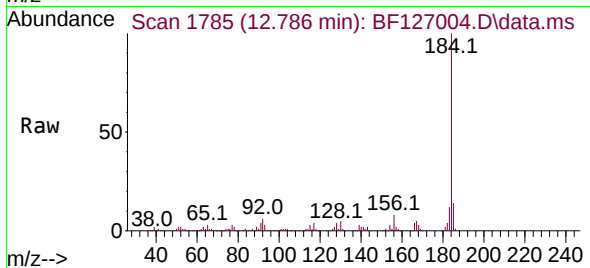




#77
Benzidine
Concen: 39.116 ng
RT: 12.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

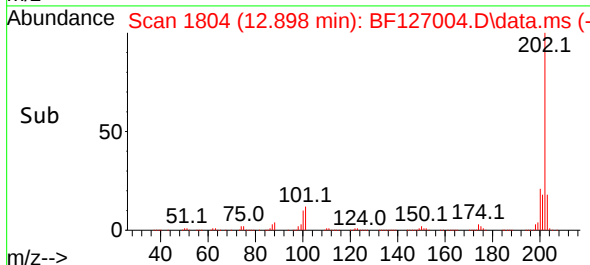
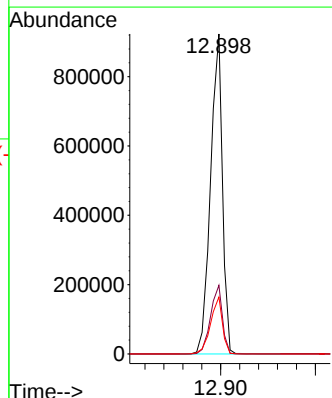
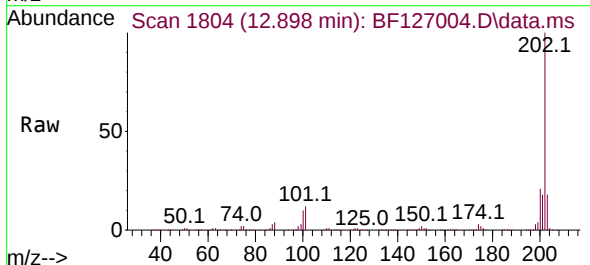
Instrument :
BNA_F
ClientSampleId :
PB142794BS

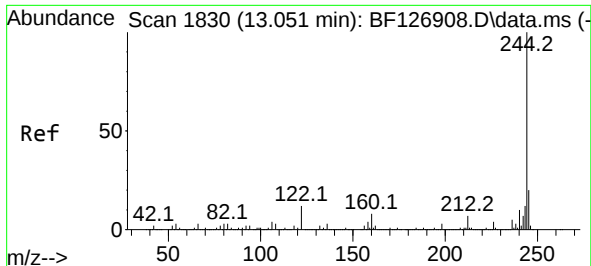
Tgt Ion:184 Resp: 267378
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 11.7 8.2 12.2



#78
Pyrene
Concen: 36.615 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:202 Resp: 800133
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 17.8 13.8 20.8

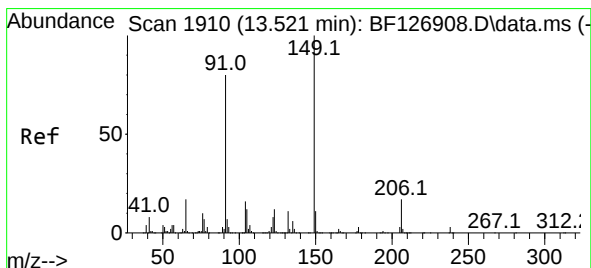
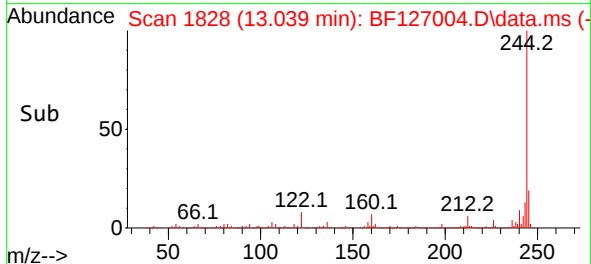
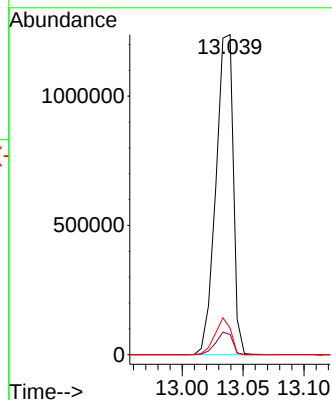
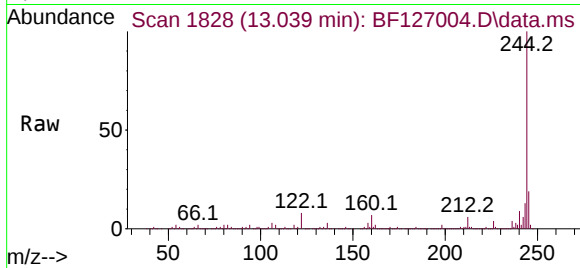




#79
 Terphenyl-d14
 Concen: 71.516 ng
 RT: 13.039 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127004.D
 Acq: 22 Feb 2022 12:53

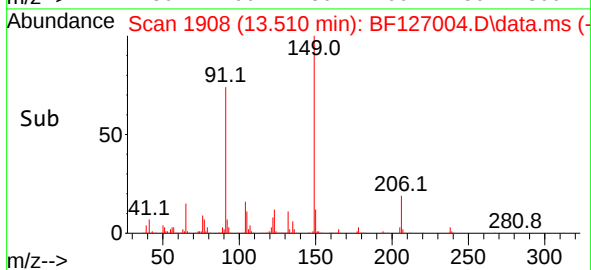
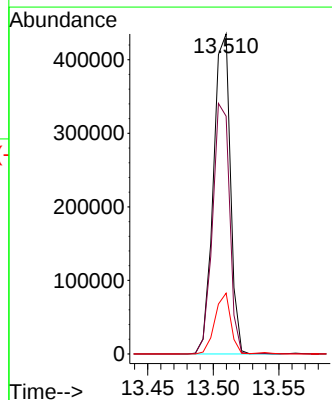
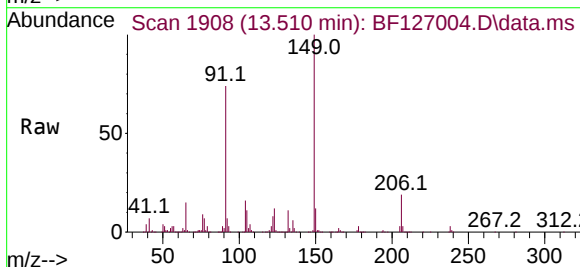
Instrument :
 BNA_F
 ClientSampleId :
 PB142794BS

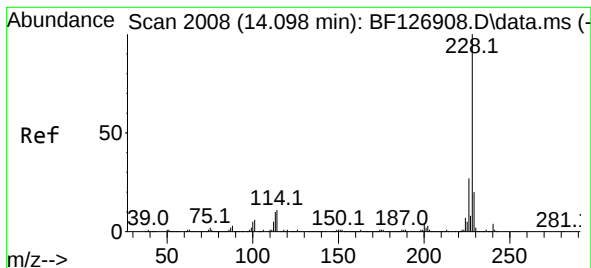
Tgt Ion:244 Resp: 1223679
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 8.3 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 37.904 ng
 RT: 13.510 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: BF127004.D
 Acq: 22 Feb 2022 12:53

Tgt Ion:149 Resp: 392137
 Ion Ratio Lower Upper
 149 100
 91 74.3 70.5 105.7
 206 19.0 12.6 19.0#





#81

Benzo(a)anthracene

Concen: 39.683 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

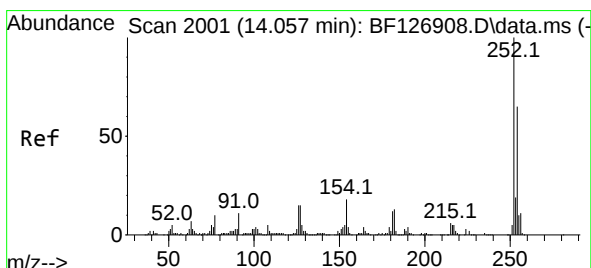
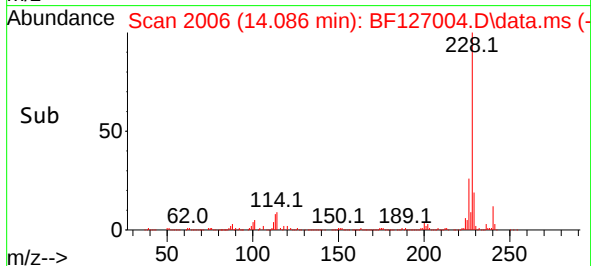
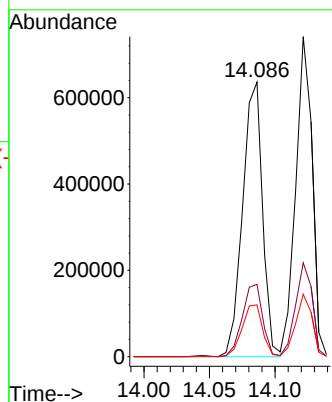
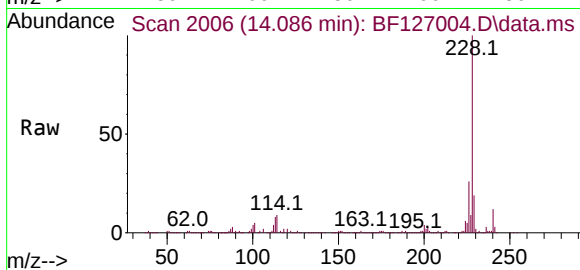
Tgt Ion:228 Resp: 672924

Ion Ratio Lower Upper

228 100

226 26.3 21.4 32.0

229 18.9 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 24.513 ng

RT: 14.045 min Scan# 1999

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

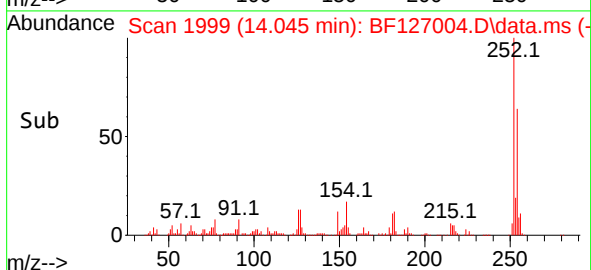
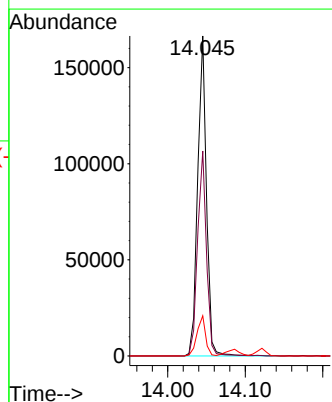
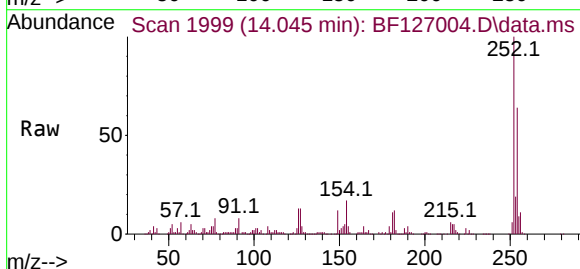
Tgt Ion:252 Resp: 131002

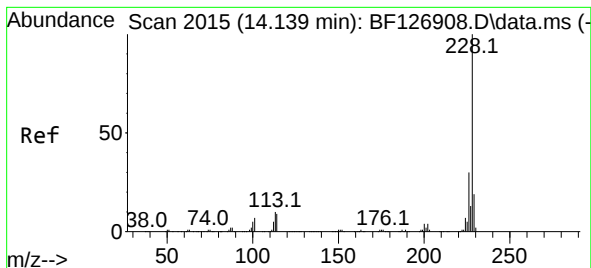
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.4

126 12.6 13.4 20.0#





#83

Chrysene

Concen: 40.676 ng

RT: 14.122 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

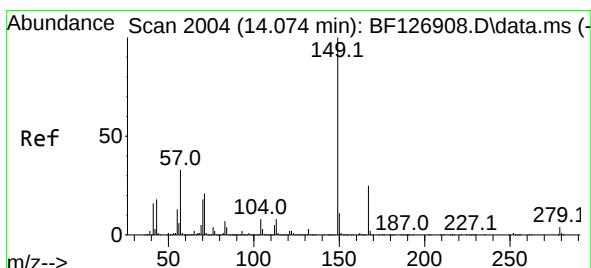
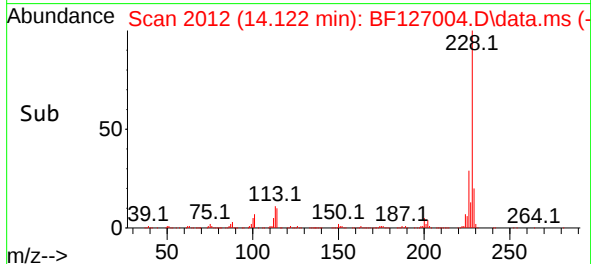
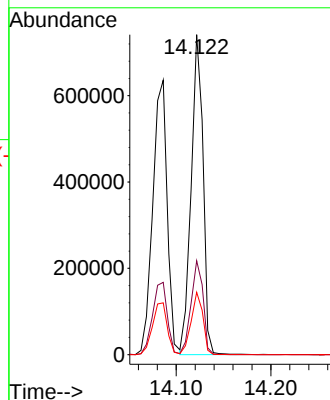
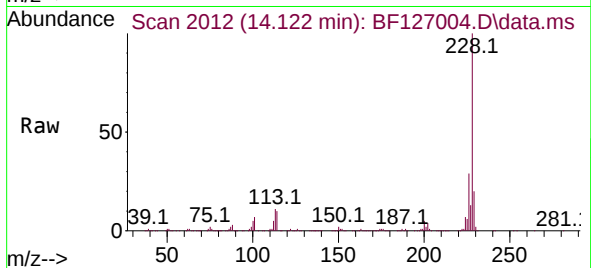
Tgt Ion:228 Resp: 648631

Ion Ratio Lower Upper

228 100

226 29.3 23.7 35.5

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.608 ng

RT: 14.063 min Scan# 2002

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

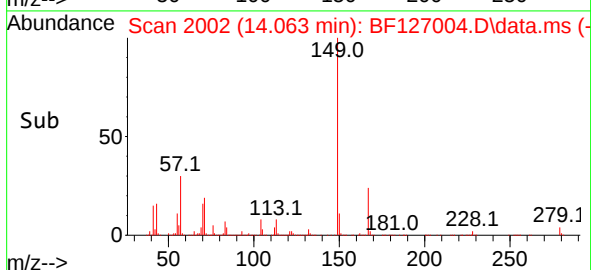
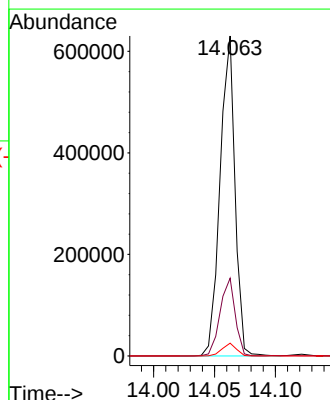
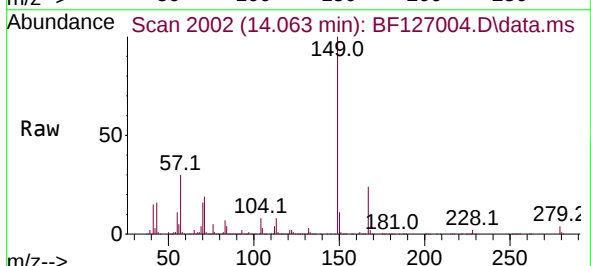
Tgt Ion:149 Resp: 537963

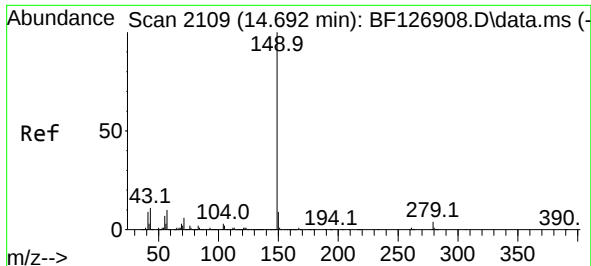
Ion Ratio Lower Upper

149 100

167 24.3 21.4 32.2

279 4.0 2.4 3.6#

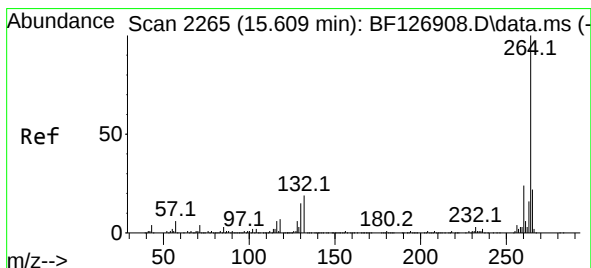
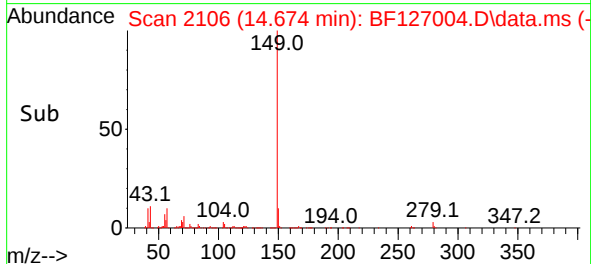
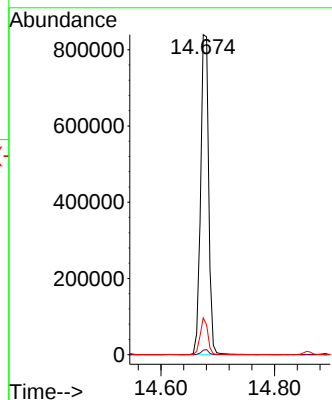
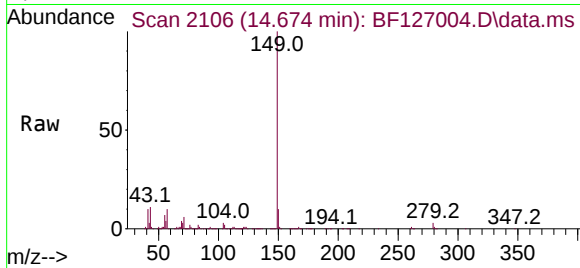




#85
Di-n-octyl phthalate
Concen: 42.419 ng
RT: 14.674 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

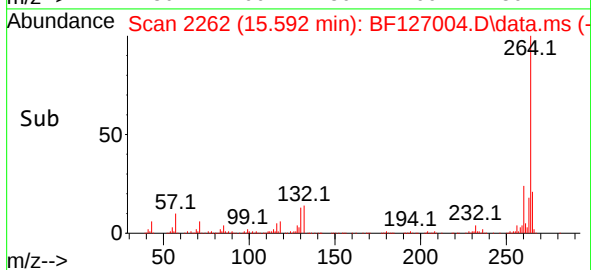
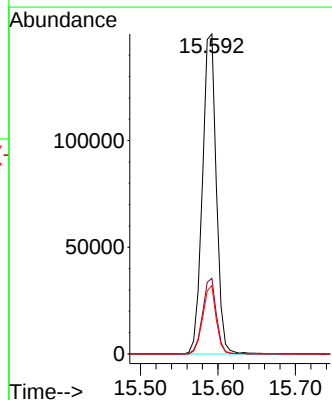
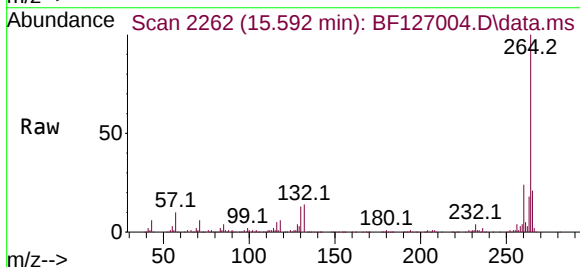
Instrument :
BNA_F
ClientSampleId :
PB142794BS

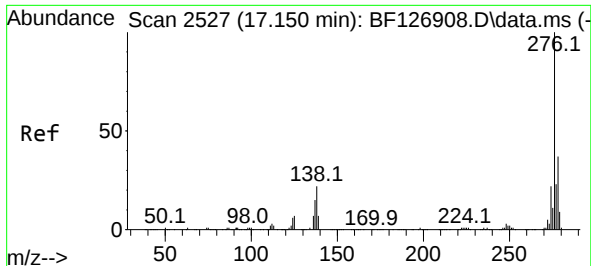
Tgt Ion:149 Resp: 829539
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.9 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:264 Resp: 186654
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.4 17.4 26.2

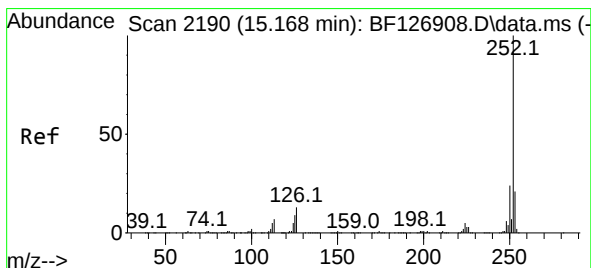
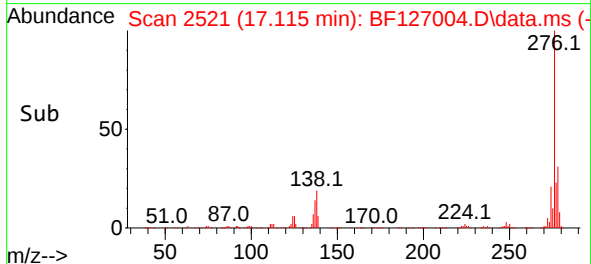
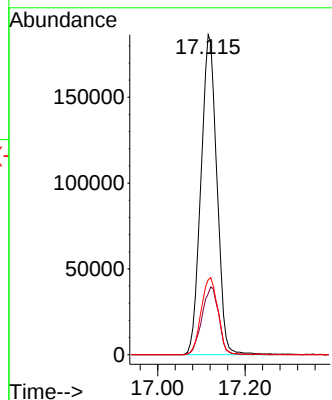
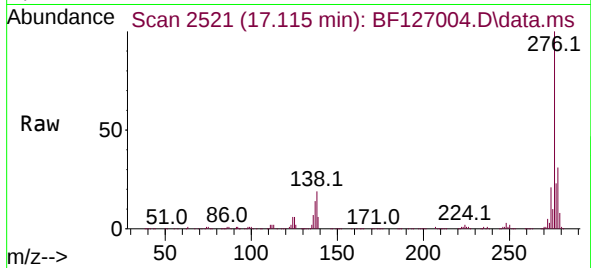




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.686 ng
 RT: 17.115 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: BF127004.D
 Acq: 22 Feb 2022 12:53

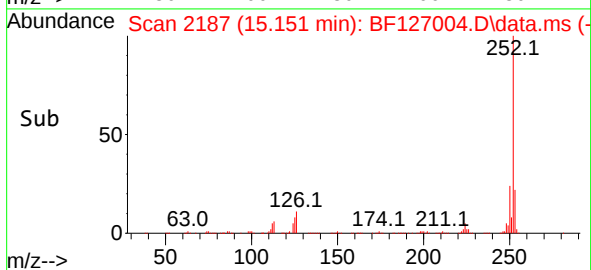
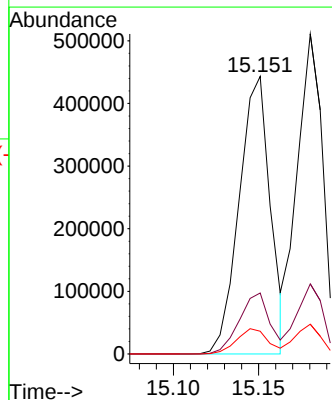
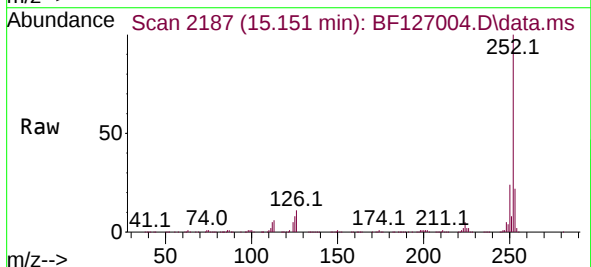
Instrument :
 BNA_F
 ClientSampleId :
 PB142794BS

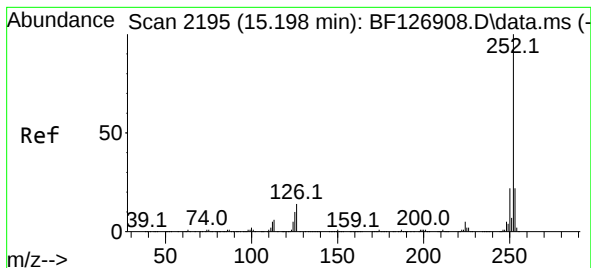
Tgt Ion:276 Resp: 473481
 Ion Ratio Lower Upper
 276 100
 138 22.1 29.2 43.8#
 277 25.3 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 44.873 ng
 RT: 15.151 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: BF127004.D
 Acq: 22 Feb 2022 12:53

Tgt Ion:252 Resp: 562540
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.8 26.8
 125 8.2 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 44.826 ng

RT: 15.180 min Scan# 2195

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

Instrument :

BNA_F

ClientSampleId :

PB142794BS

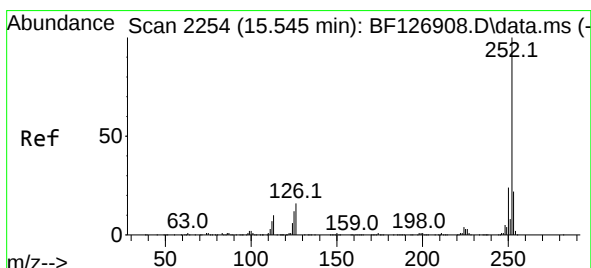
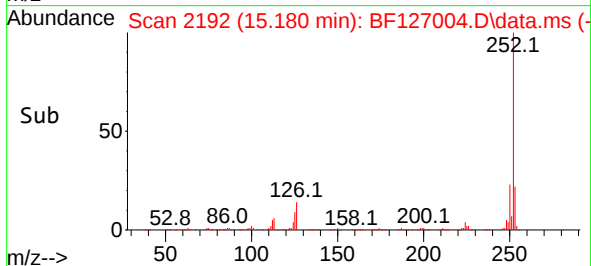
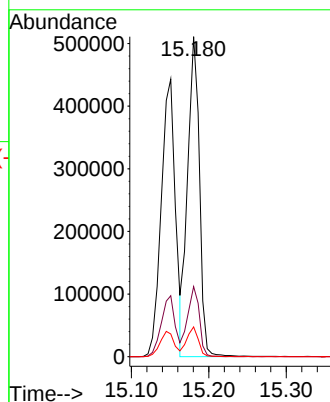
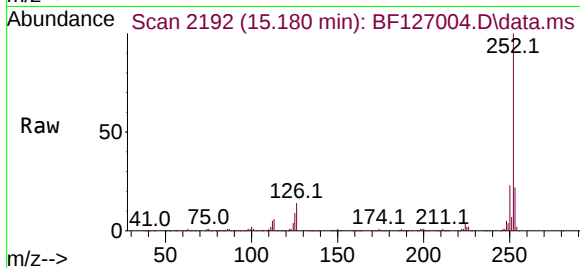
Tgt Ion:252 Resp: 542015

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.3 11.8 17.6#



#90

Benzo(a)pyrene

Concen: 49.921 ng

RT: 15.527 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF127004.D

Acq: 22 Feb 2022 12:53

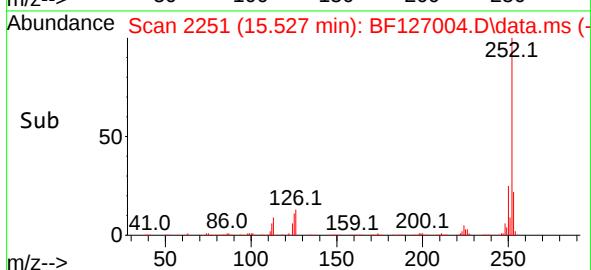
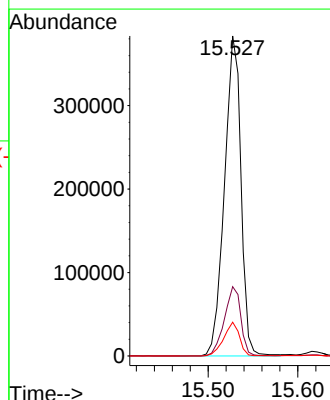
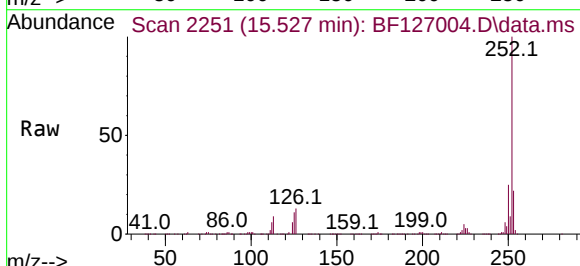
Tgt Ion:252 Resp: 488830

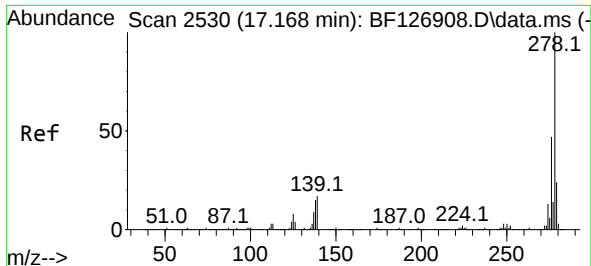
Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 10.6 13.0 19.6#

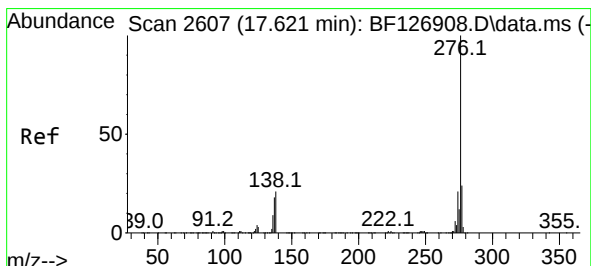
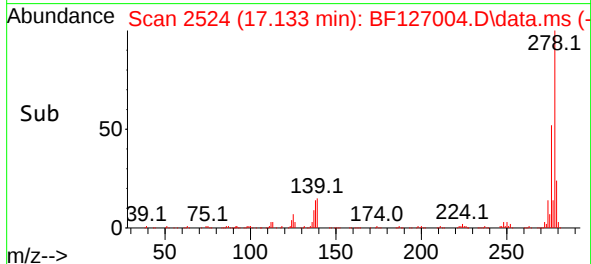
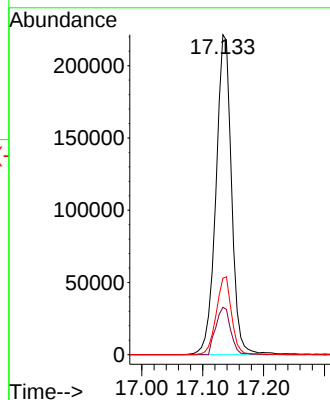
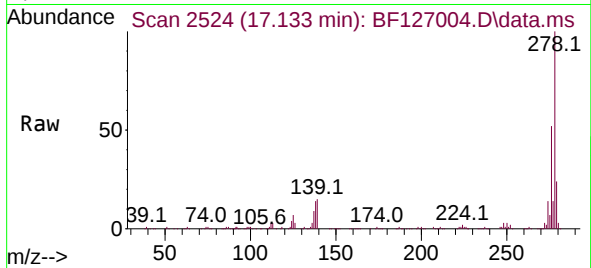




#91
Dibenzo(a,h)anthracene
Concen: 38.898 ng
RT: 17.133 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Instrument :
BNA_F
ClientSampleId :
PB142794BS

Tgt Ion:278 Resp: 393742
Ion Ratio Lower Upper
278 100
139 14.8 18.0 27.0#
279 23.9 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 38.748 ng
RT: 17.586 min Scan# 2601
Delta R.T. 0.000 min
Lab File: BF127004.D
Acq: 22 Feb 2022 12:53

Tgt Ion:276 Resp: 386682
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 19.2 25.9 38.9#

