

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127252.D
 Acq On : 08 Mar 2022 11:52
 Operator : CG\JU
 Sample : PB143106BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143106BS

Quant Time: Mar 08 16:03:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.880	152	87281	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	347312	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	177724	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	313715	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	195754	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	158332	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	720853	127.649	ng	0.02
7) Phenol-d6	6.522	99	930142	122.066	ng	0.00
23) Nitrobenzene-d5	7.451	82	638628	82.997	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	300422	146.816	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1113814	92.261	ng	0.00
79) Terphenyl-d14	13.004	244	1267432	95.179	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	97535	37.744	ng	97
3) Pyridine	3.498	79	287232	42.378	ng	98
4) n-Nitrosodimethylamine	3.463	42	166651	50.192	ng	# 75
6) Aniline	6.545	93	319513	35.389	ng	96
8) 2-Chlorophenol	6.669	128	301788	49.807	ng	94
9) Benzaldehyde	6.433	77	186181	40.139	ng	99
10) Phenol	6.533	94	371067	48.194	ng	76
11) bis(2-Chloroethyl)ether	6.616	93	273029	45.211	ng	98
12) 1,3-Dichlorobenzene	6.822	146	307249	47.008	ng	98
13) 1,4-Dichlorobenzene	6.898	146	314952	47.530	ng	99
14) 1,2-Dichlorobenzene	7.051	146	300289	47.521	ng	97
15) Benzyl Alcohol	7.028	79	275996	42.994	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.151	45	354210	37.248	ng	84
17) 2-Methylphenol	7.139	107	247507	47.214	ng	# 89
18) Hexachloroethane	7.386	117	118833	46.786	ng	91
19) n-Nitroso-di-n-propyla...	7.298	70	214910	43.769	ng	# 96
20) 3+4-Methylphenols	7.292	107	306378	45.007	ng	# 88
22) Acetophenone	7.292	105	417223	45.626	ng	96
24) Nitrobenzene	7.469	77	334987	46.085	ng	98
25) Isophorone	7.704	82	599230	47.063	ng	# 98
26) 2-Nitrophenol	7.780	139	155687	50.305	ng	# 82
27) 2,4-Dimethylphenol	7.816	122	255962	50.345	ng	89
28) bis(2-Chloroethoxy)met...	7.910	93	336544	43.599	ng	99
29) 2,4-Dichlorophenol	8.027	162	227954	47.690	ng	95
30) 1,2,4-Trichlorobenzene	8.104	180	258290	48.333	ng	98
31) Naphthalene	8.186	128	848308	46.790	ng	99
32) Benzoic acid	7.963	122	134505	37.304	ng	# 82
33) 4-Chloroaniline	8.233	127	133760	18.744	ng	98
34) Hexachlorobutadiene	8.292	225	156567	50.184	ng	95
35) Caprolactam	8.622	113	42865	25.680	ng	# 85
36) 4-Chloro-3-methylphenol	8.727	107	286662	46.925	ng	99
37) 2-Methylnaphthalene	8.880	142	548666	46.638	ng	97
38) 1-Methylnaphthalene	8.980	142	526071	46.697	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	238097	50.894	ng	98
41) Hexachlorocyclopentadiene	9.027	237	261790	103.174	ng	96
43) 2,4,6-Trichlorophenol	9.163	196	163591	47.676	ng	95

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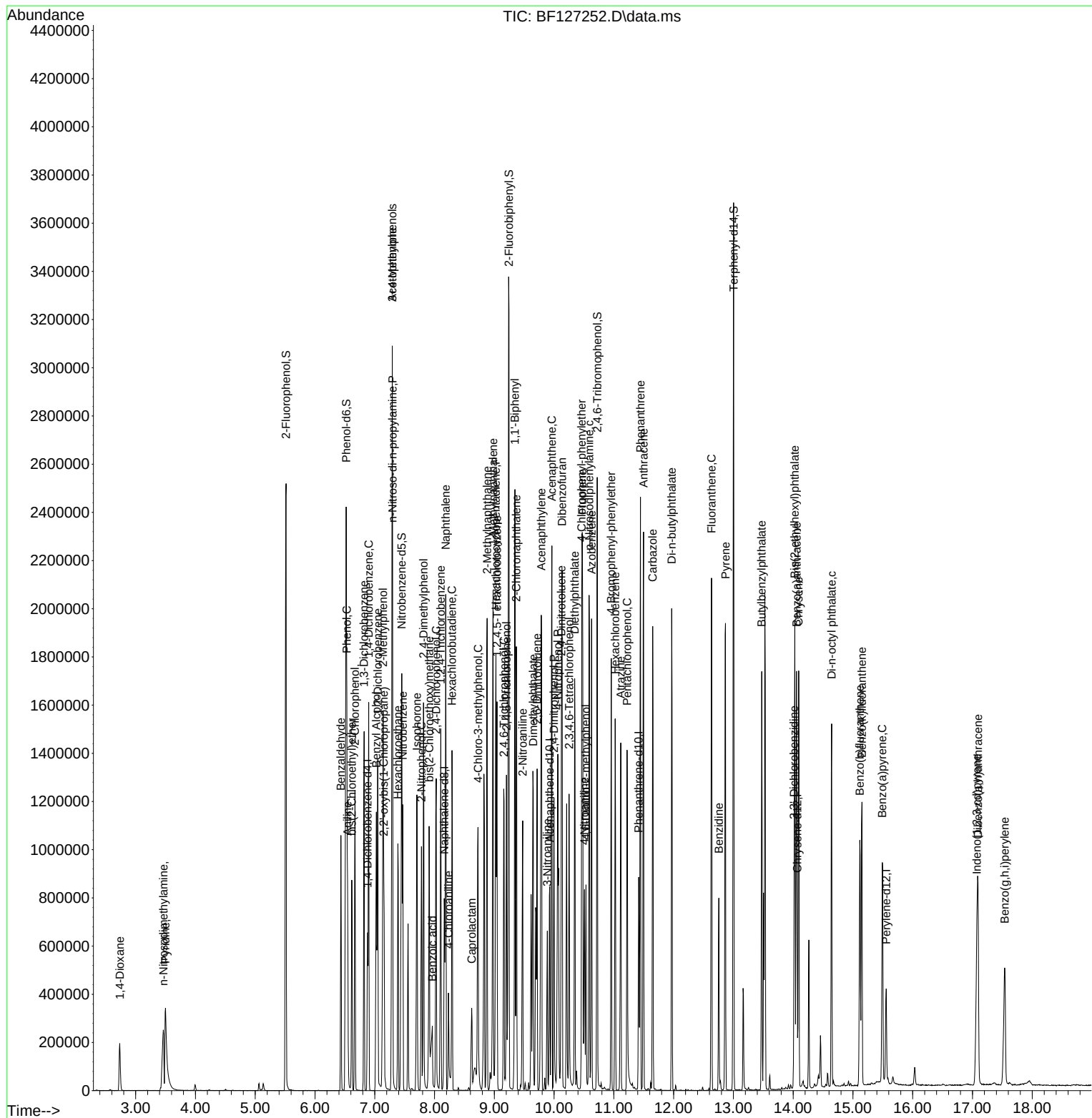
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	169940	47.065	ng	93
46) 1,1'-Biphenyl	9.345	154	681182	48.377	ng	97
47) 2-Chloronaphthalene	9.369	162	520787	49.875	ng	94
48) 2-Nitroaniline	9.474	65	186079	45.160	ng	93
49) Acenaphthylene	9.786	152	848183	50.007	ng	99
50) Dimethylphthalate	9.651	163	606699	47.758	ng	99
51) 2,6-Dinitrotoluene	9.716	165	132744	51.360	ng	95
52) Acenaphthene	9.963	154	474291	42.997	ng	95
53) 3-Nitroaniline	9.886	138	87937	27.834	ng	90
54) 2,4-Dinitrophenol	9.998	184	132298	96.709	ng	# 88
55) Dibenzofuran	10.133	168	702587	46.320	ng	93
56) 4-Nitrophenol	10.063	139	185463	79.481	ng	# 82
57) 2,4-Dinitrotoluene	10.121	165	176399	50.478	ng	# 94
58) Fluorene	10.474	166	570734	48.306	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	132065	46.135	ng	92
60) Diethylphthalate	10.345	149	629493	47.423	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	270618	48.575	ng	96
62) 4-Nitroaniline	10.510	138	140785	45.126	ng	# 79
63) Azobenzene	10.627	77	636372	43.054	ng	93
65) 4,6-Dinitro-2-methylph...	10.533	198	88287	47.897	ng	97
66) n-Nitrosodiphenylamine	10.586	169	507404	49.325	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	177897	50.753	ng	95
68) Hexachlorobenzene	11.021	284	196402	52.049	ng	94
69) Atrazine	11.116	200	169076	52.993	ng	97
70) Pentachlorophenol	11.221	266	174705	84.815	ng	98
71) Phenanthrene	11.445	178	828972	47.210	ng	99
72) Anthracene	11.498	178	858328	49.102	ng	99
73) Carbazole	11.651	167	743425	46.376	ng	98
74) Di-n-butylphthalate	11.968	149	957368	46.455	ng	99
75) Fluoranthene	12.633	202	819713	49.165	ng	95
77) Benzidine	12.757	184	273492	51.411	ng	97
78) Pyrene	12.868	202	808558	47.543	ng	100
80) Butylbenzylphthalate	13.474	149	379828	47.176	ng	90
81) Benzo(a)anthracene	14.057	228	635032	48.119	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	109665	26.368	ng	# 97
83) Chrysene	14.092	228	583082	46.985	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	482772	45.672	ng	# 98
85) Di-n-octyl phthalate	14.645	149	699187	45.941	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.074	276	504556	48.599	ng	# 84
88) Benzo(b)fluoranthene	15.115	252	540372	50.815	ng	# 94
89) Benzo(k)fluoranthene	15.151	252	488200	47.597	ng	# 93
90) Benzo(a)pyrene	15.492	252	475880	57.291	ng	# 93
91) Dibenzo(a,h)anthracene	17.092	278	445040	51.830	ng	# 89
92) Benzo(g,h,i)perylene	17.539	276	432410	51.082	ng	# 85

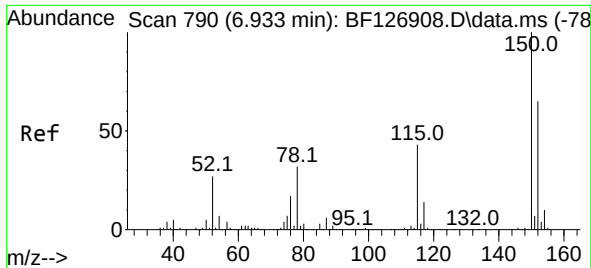
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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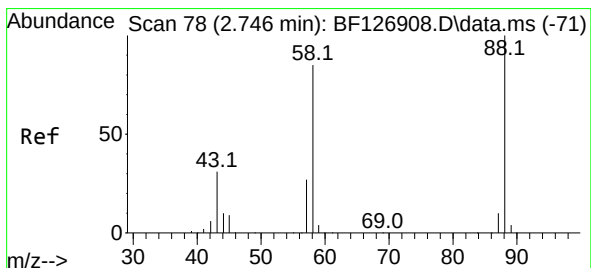
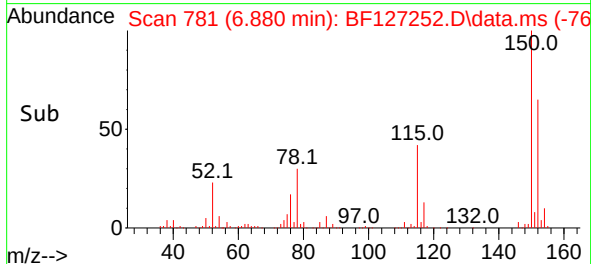
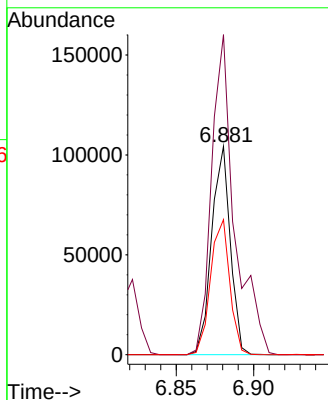
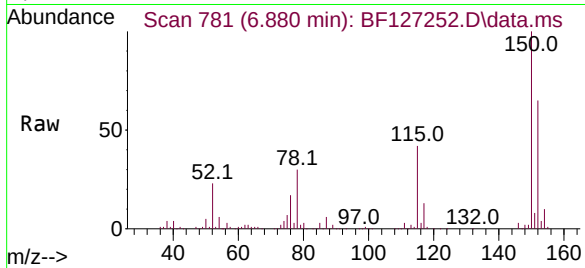




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.880 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF127252.D
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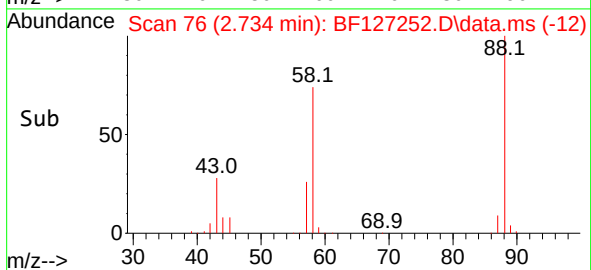
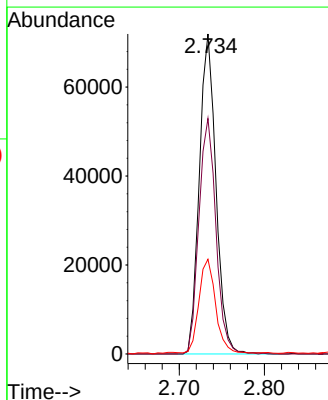
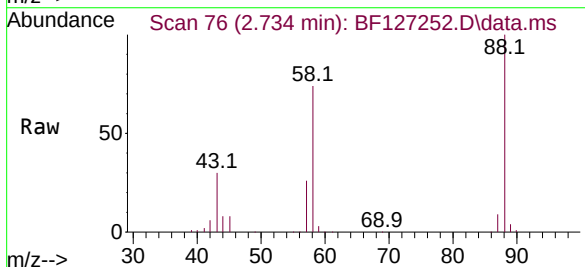
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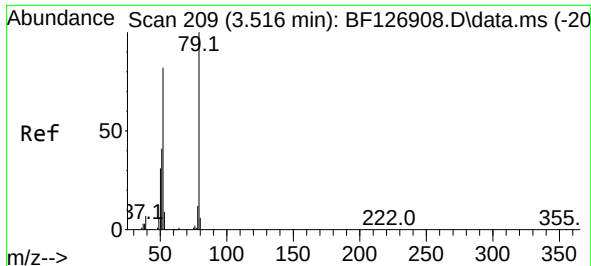
Tgt Ion:152 Resp: 87281
 Ion Ratio Lower Upper
 152 100
 150 153.6 128.1 192.1
 115 64.9 56.7 85.1



#2
 1,4-Dioxane
 Concen: 37.744 ng
 RT: 2.734 min Scan# 76
 Delta R.T. 0.076 min
 Lab File: BF127252.D
 Acq: 08 Mar 2022 11:52

Tgt Ion: 88 Resp: 97535
 Ion Ratio Lower Upper
 88 100
 58 75.6 62.8 94.2
 43 29.6 22.3 33.5

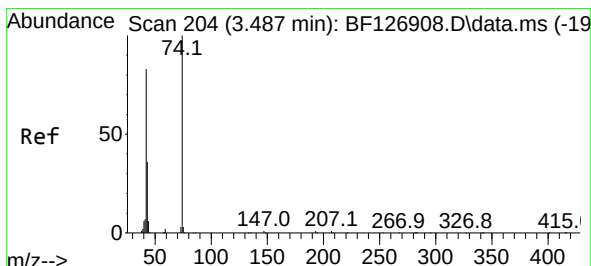
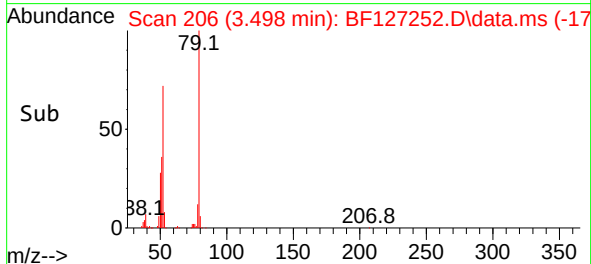
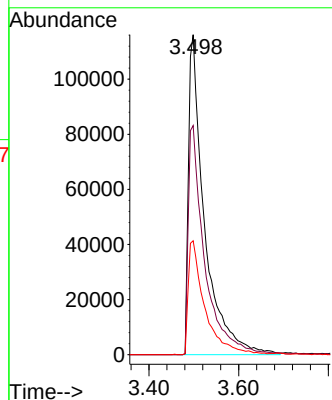
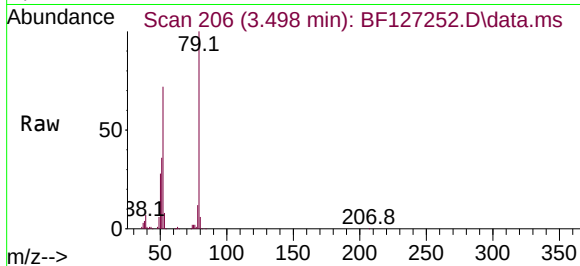




#3
Pyridine
Concen: 42.378 ng
RT: 3.498 min Scan# 209
Delta R.T. 0.070 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

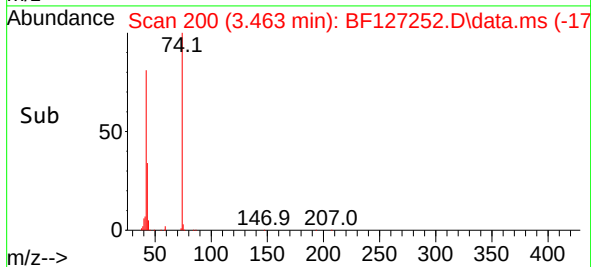
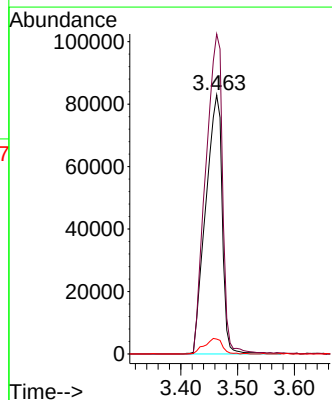
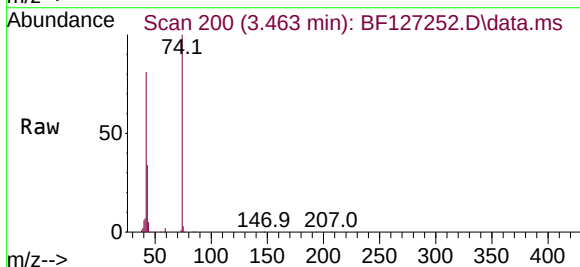
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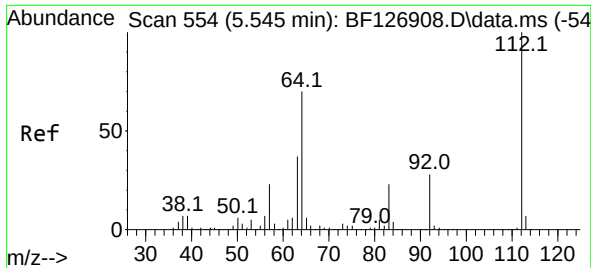
Tgt Ion: 79 Resp: 287232
Ion Ratio Lower Upper
79 100
52 71.6 56.2 84.4
51 35.6 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 50.192 ng
RT: 3.463 min Scan# 200
Delta R.T. 0.064 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion: 42 Resp: 166651
Ion Ratio Lower Upper
42 100
74 123.5 125.6 188.4#
44 5.8 5.7 8.5

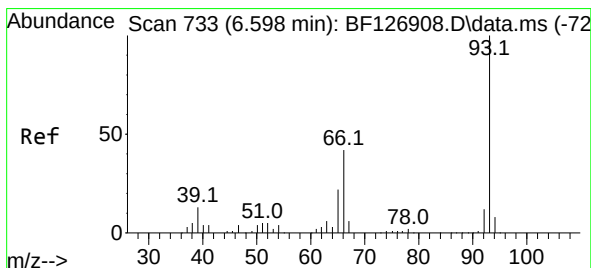
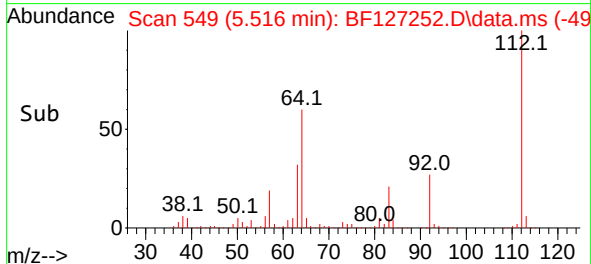
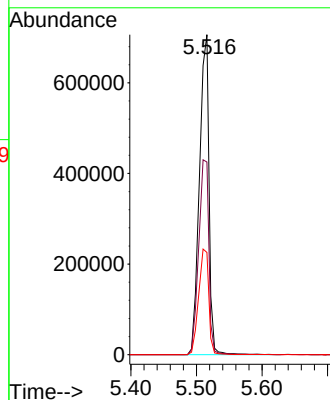
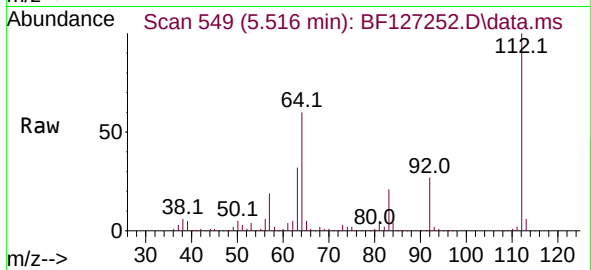




#5
2-Fluorophenol
Concen: 127.649 ng
RT: 5.516 min Scan# 54
Delta R.T. 0.017 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

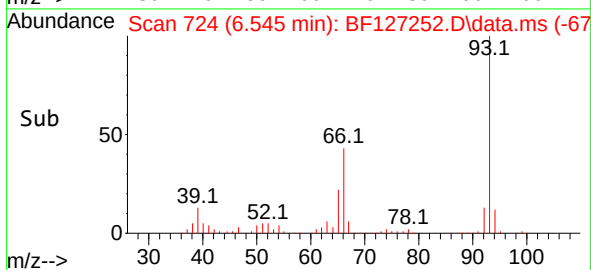
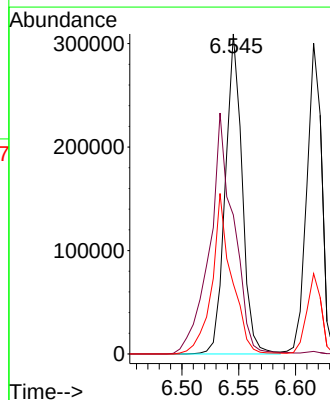
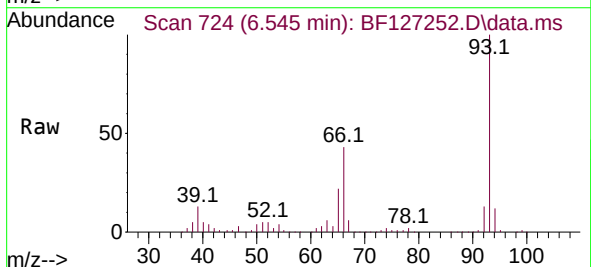
Instrument :
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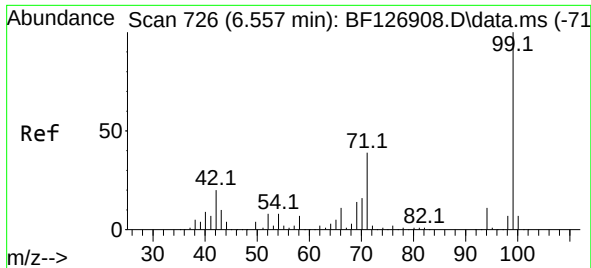
Tgt Ion:112 Resp: 720853
Ion Ratio Lower Upper
112 100
64 60.2 49.5 74.3
63 31.9 23.9 35.9



#6
Aniline
Concen: 35.389 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion: 93 Resp: 319513
Ion Ratio Lower Upper
93 100
66 43.5 32.2 48.4
65 21.9 16.3 24.5

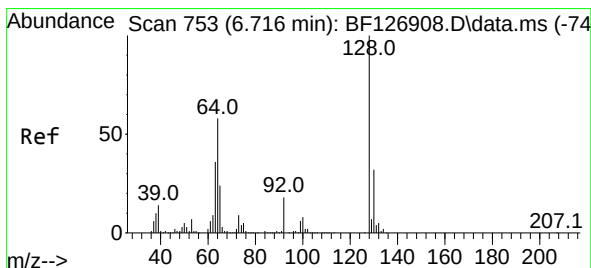
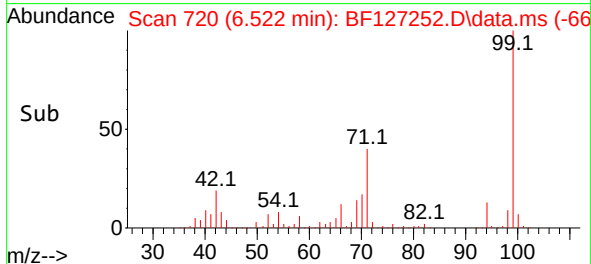
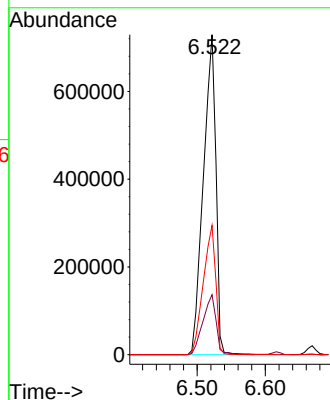
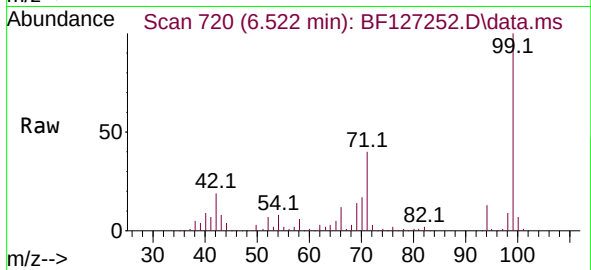




#7
Phenol-d6
Concen: 122.066 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

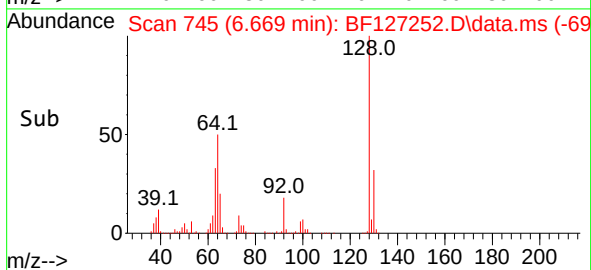
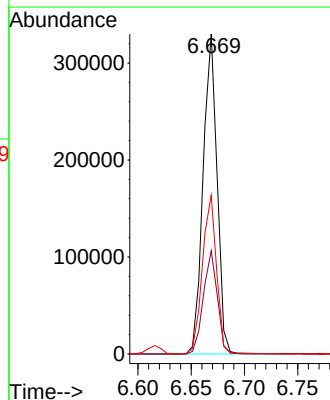
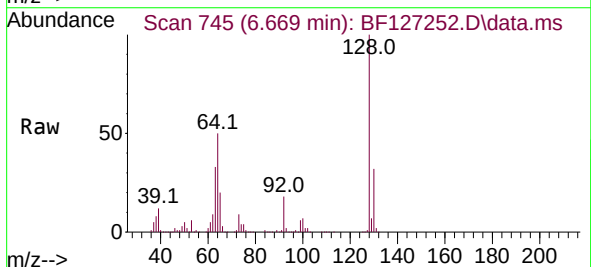
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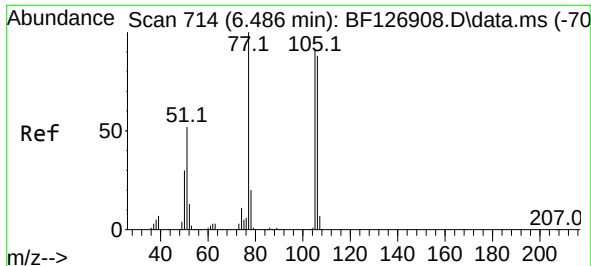
Tgt Ion: 99 Resp: 930142
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 40.4 24.3 36.5#



#8
2-Chlorophenol
Concen: 49.807 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion: 128 Resp: 301788
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 49.6 35.6 75.6

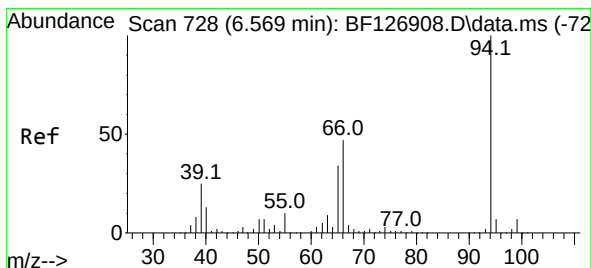
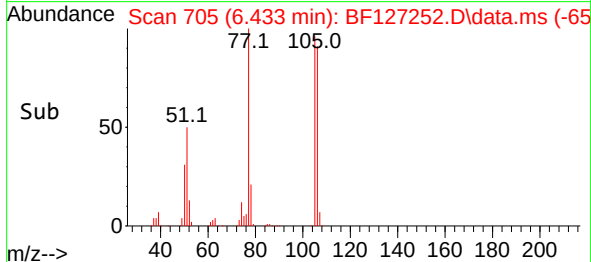
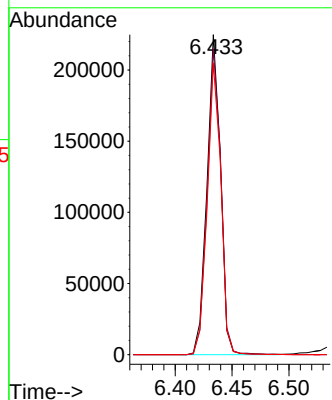
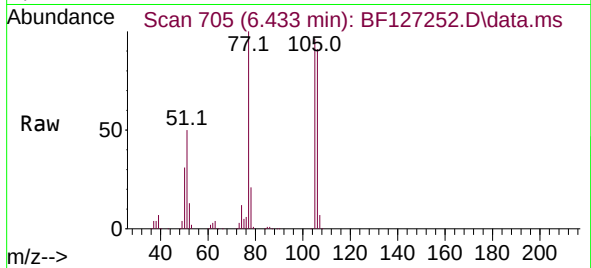




#9
Benzaldehyde
Concen: 40.139 ng
RT: 6.433 min Scan# 705
Delta R.T. -0.000 min
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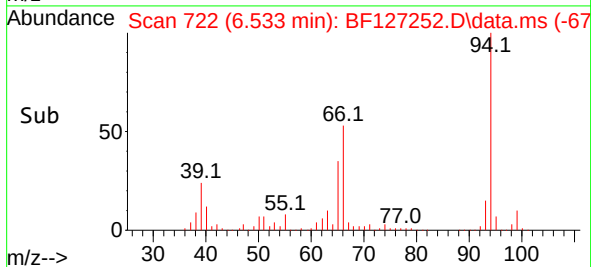
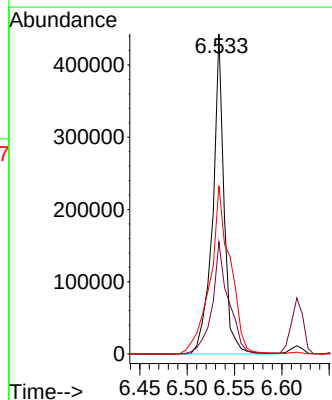
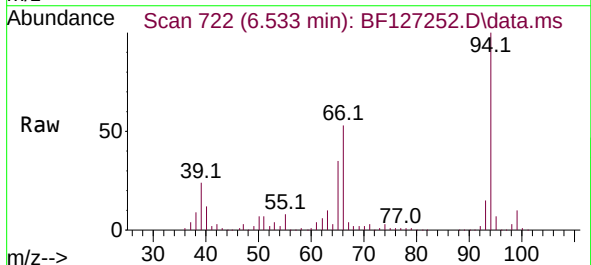
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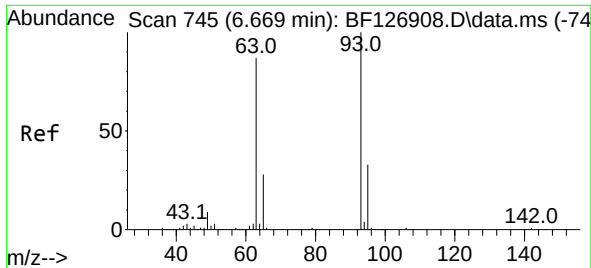
Tgt Ion: 77 Resp: 186181
Ion Ratio Lower Upper
77 100
105 95.6 74.9 114.9
106 91.2 72.4 112.4



#10
Phenol
Concen: 48.194 ng
RT: 6.533 min Scan# 722
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 371067
Ion Ratio Lower Upper
94 100
65 35.0 7.2 47.2
66 52.6 14.5 54.5

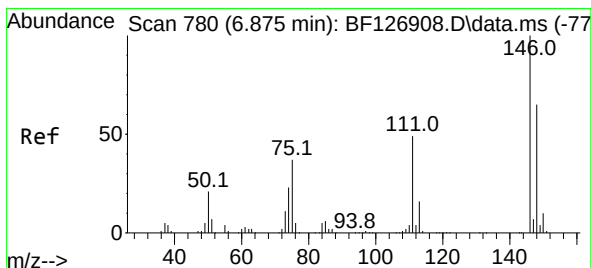
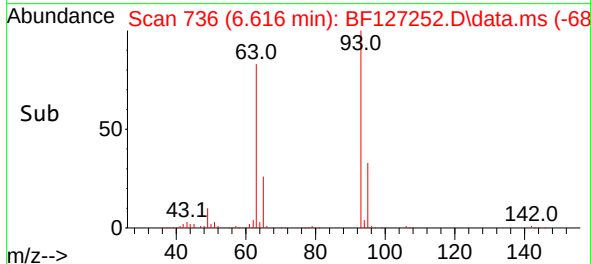
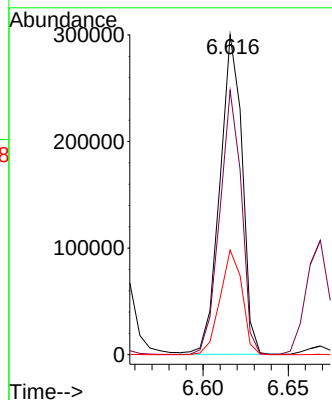
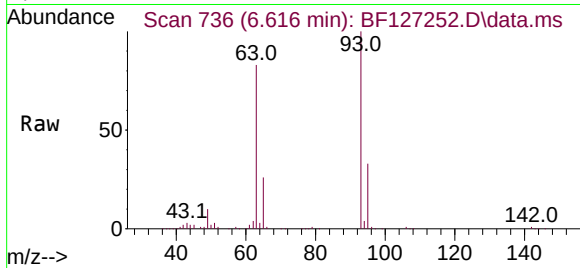




#11
bis(2-Chloroethyl)ether
Concen: 45.211 ng
RT: 6.616 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

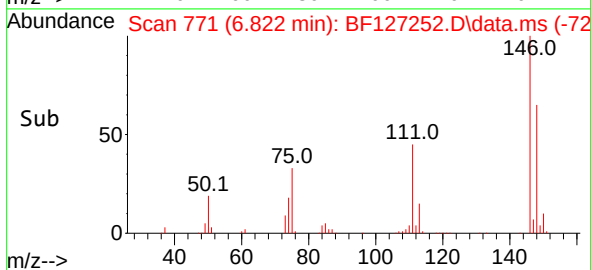
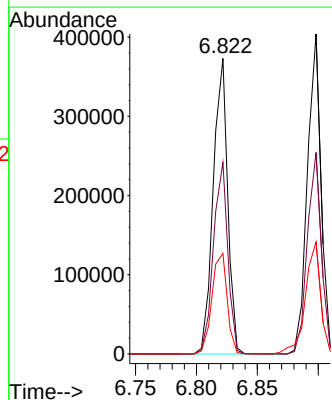
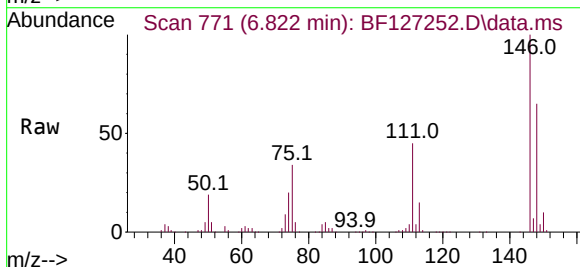
Instrument :
BNA_F
ClientSampleId :
PB143106BS

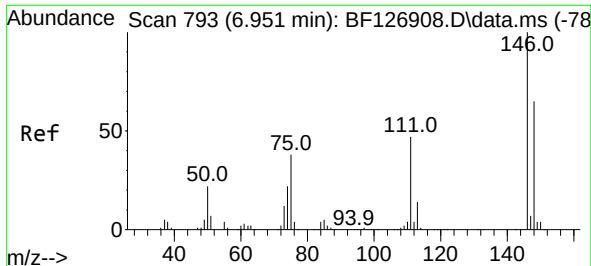
Tgt Ion: 93 Resp: 273029
Ion Ratio Lower Upper
93 100
63 82.6 60.5 100.5
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 47.008 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:146 Resp: 307249
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
75 34.0 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 47.530 ng

RT: 6.898 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB143106BS

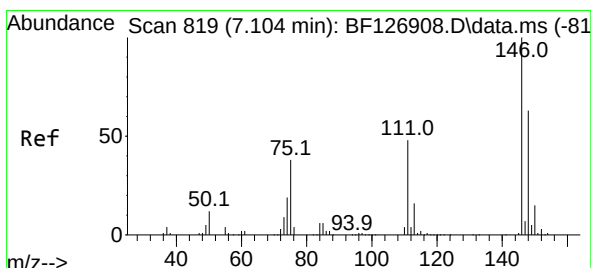
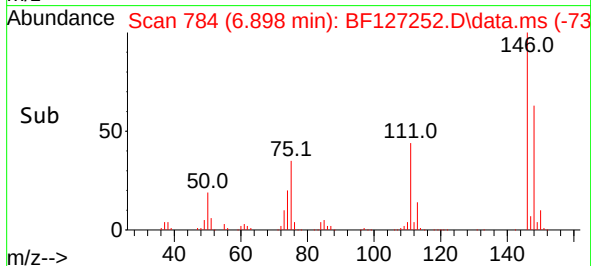
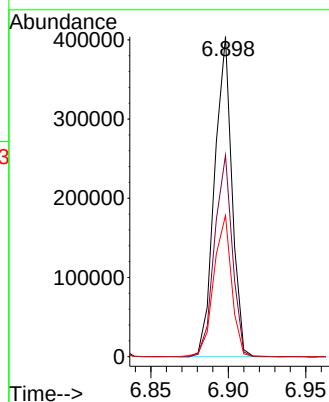
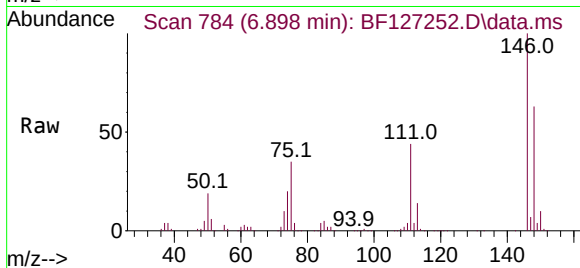
Tgt Ion:146 Resp: 314952

Ion Ratio Lower Upper

146 100

148 63.0 49.8 74.6

111 44.1 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 47.521 ng

RT: 7.051 min Scan# 810

Delta R.T. -0.000 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

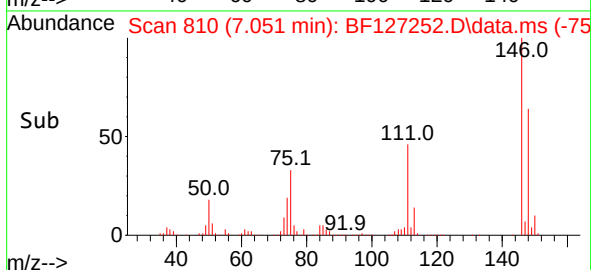
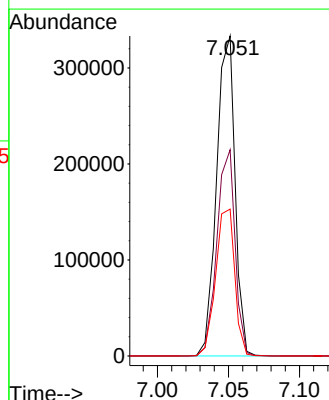
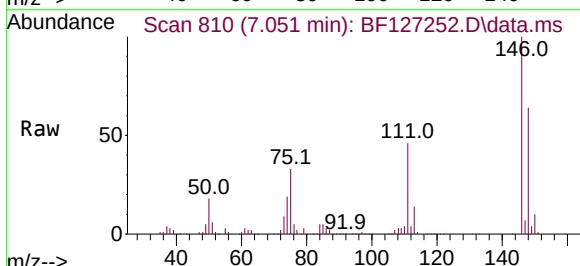
Tgt Ion:146 Resp: 300289

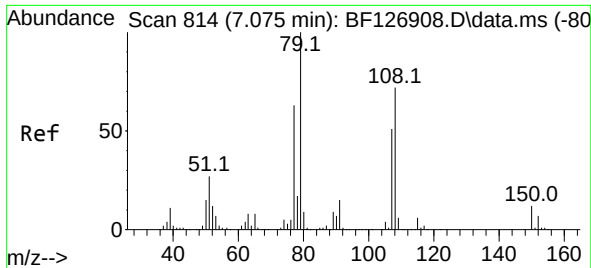
Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

111 45.9 40.2 60.2

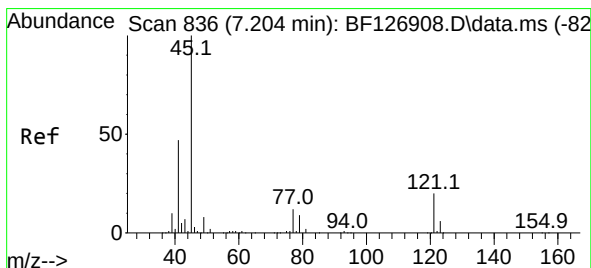
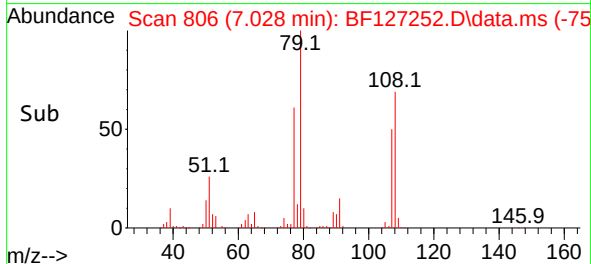
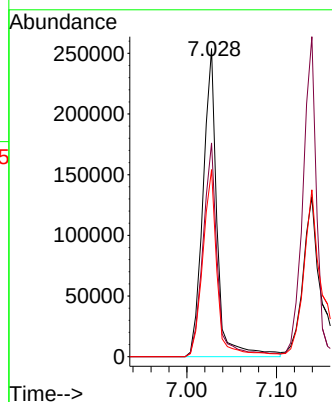
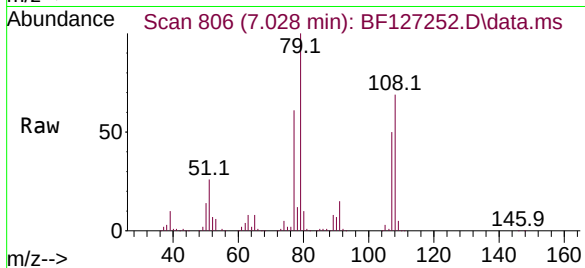




#15
Benzyl Alcohol
Concen: 42.994 ng
RT: 7.028 min Scan# 806
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

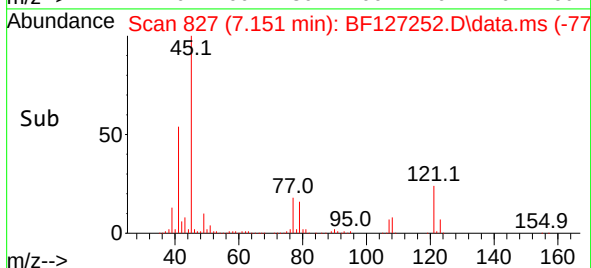
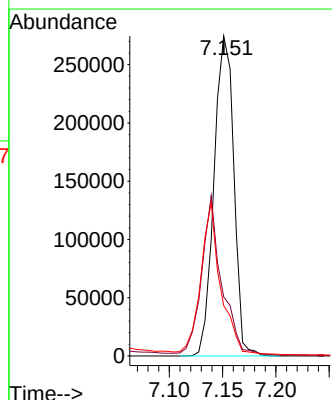
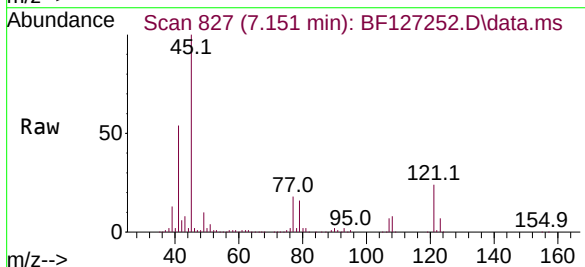
Instrument :
BNA_F
ClientSampleId :
PB143106BS

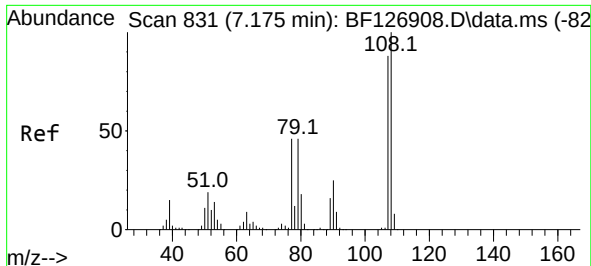
Tgt Ion: 79 Resp: 275996
Ion Ratio Lower Upper
79 100
108 69.4 63.2 94.8
77 60.7 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.248 ng
RT: 7.151 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion: 45 Resp: 354210
Ion Ratio Lower Upper
45 100
77 18.4 0.0 32.4
79 15.7 0.0 29.8

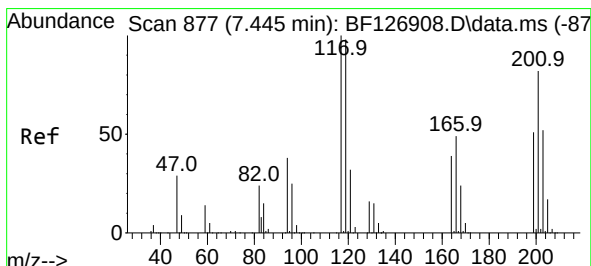
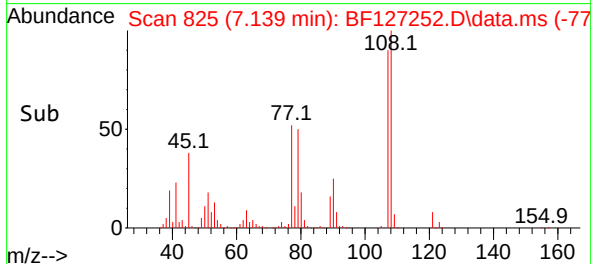
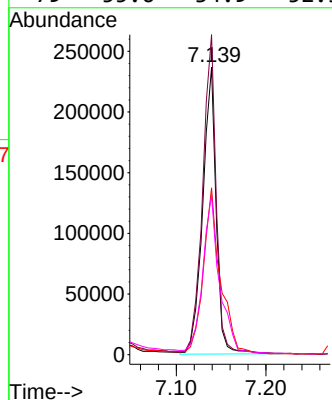
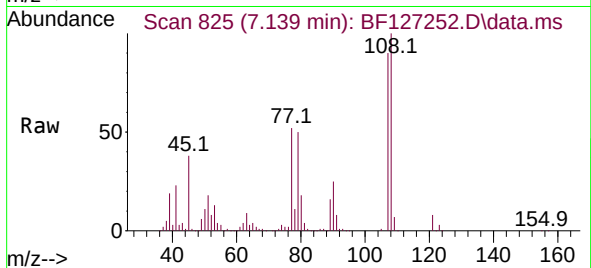




#17
2-Methylphenol
Concen: 47.214 ng
RT: 7.139 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

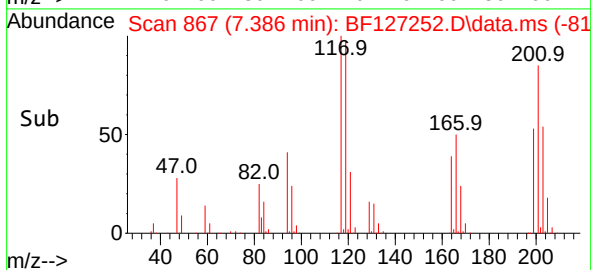
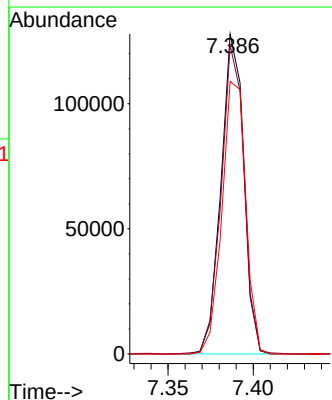
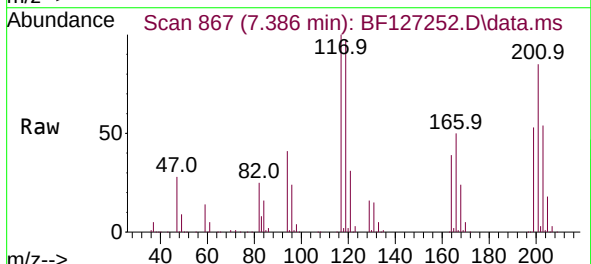
Instrument :
BNA_F
ClientSampleId :
PB143106BS

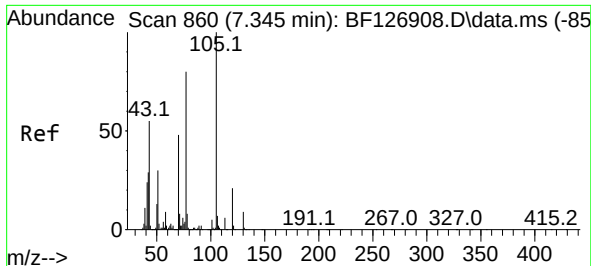
Tgt Ion:107 Resp: 247507
Ion Ratio Lower Upper
107 100
108 111.3 93.4 140.0
77 58.1 36.1 54.1#
79 55.6 34.9 52.3#



#18
Hexachloroethane
Concen: 46.786 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:117 Resp: 118833
Ion Ratio Lower Upper
117 100
119 96.6 75.4 113.0
201 85.1 56.8 85.2



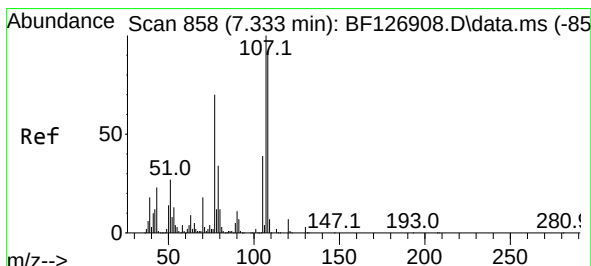
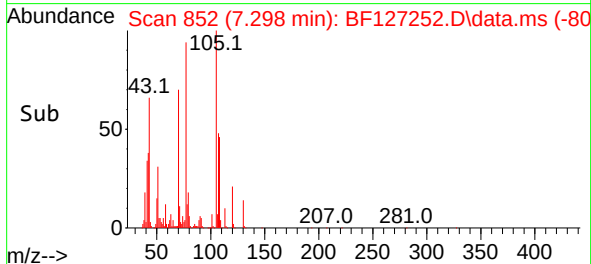
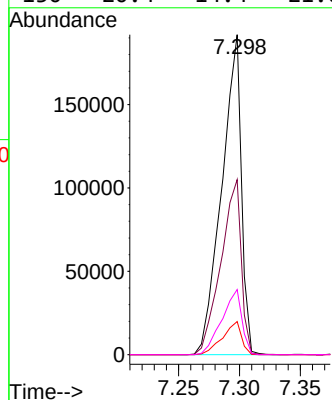
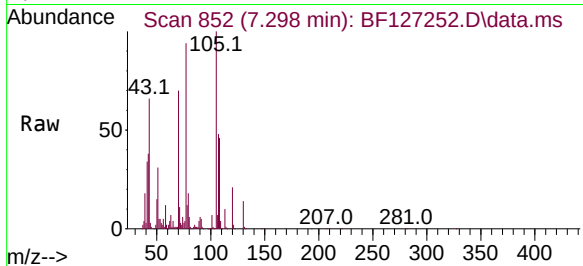


#19
n-Nitroso-di-n-propylamine
Concen: 43.769 ng
RT: 7.298 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Instrument :
BNA_F
ClientSampleId :
PB143106BS

Tgt Ion: 70 Resp: 214910

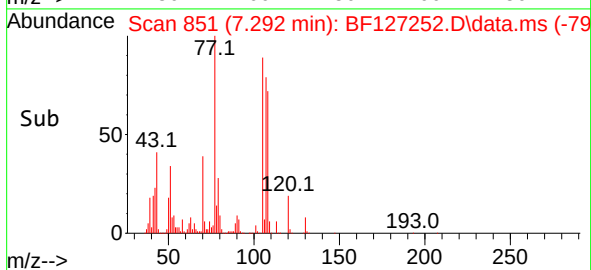
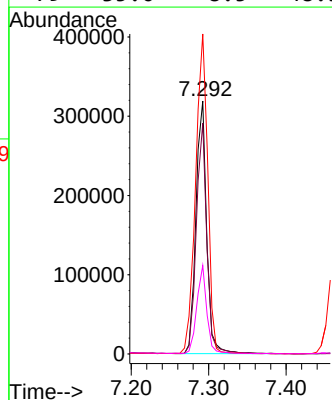
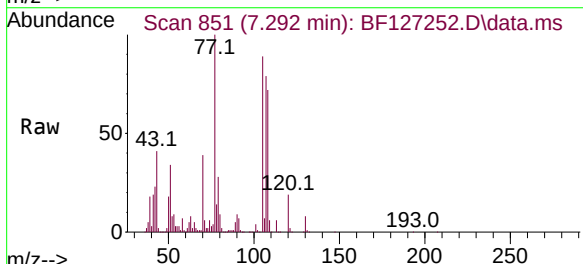
Ion	Ratio	Lower	Upper
70	100		
42	54.7	45.8	68.8
101	10.4	6.9	10.3#
130	20.4	14.4	21.6

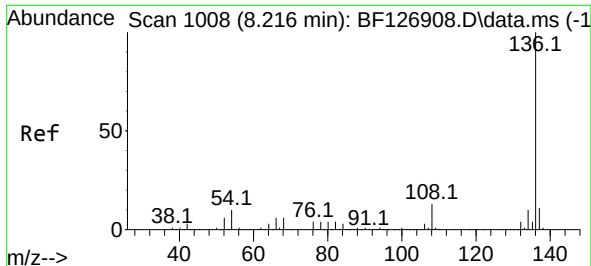


#20
3+4-Methylphenols
Concen: 45.007 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion: 107 Resp: 306378

Ion	Ratio	Lower	Upper
107	100		
108	91.3	72.4	112.4
77	126.5	83.8	123.8#
79	35.0	8.5	48.5

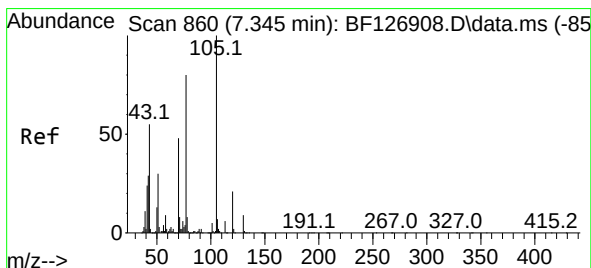
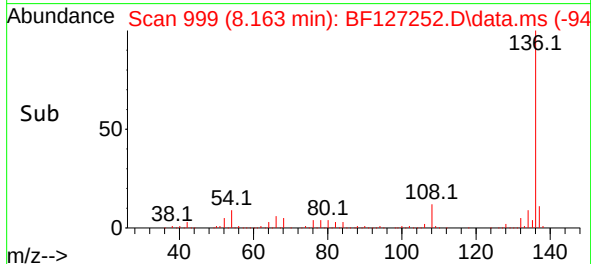
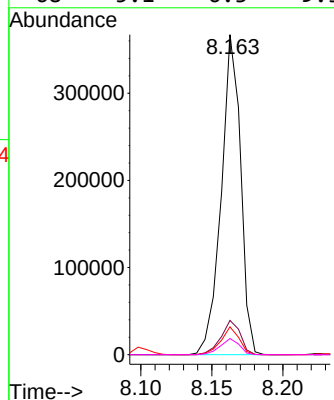
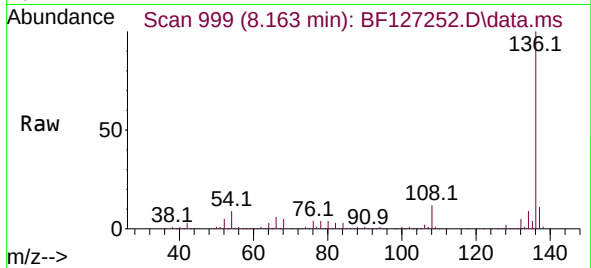




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

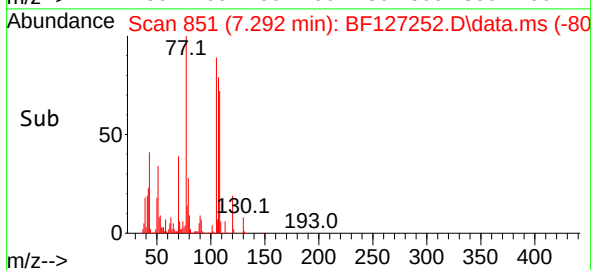
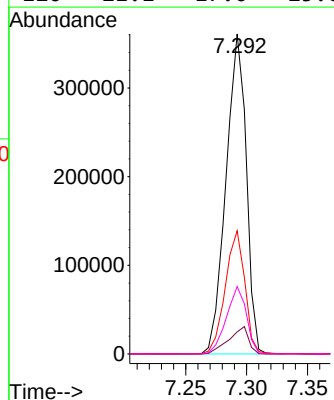
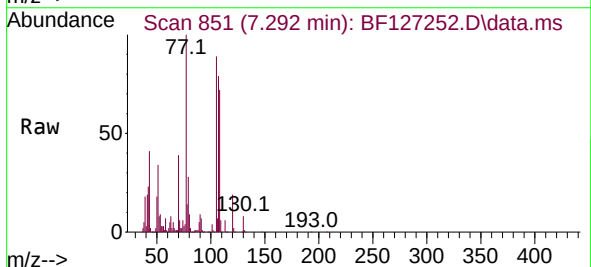
Instrument :
BNA_F
ClientSampleId :
PB143106BS

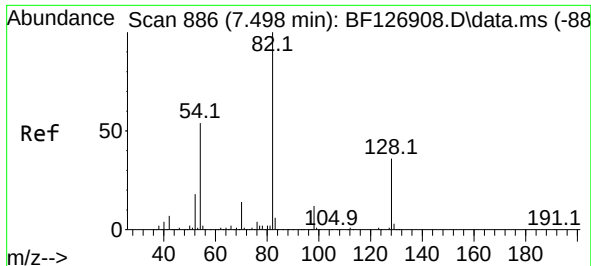
Tgt Ion:136 Resp: 347312
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 7.8 11.6
68 5.1 6.3 9.5#



#22
Acetophenone
Concen: 45.626 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:105 Resp: 417223
Ion Ratio Lower Upper
105 100
71 6.9 5.4 8.0
51 38.5 27.4 41.0
120 21.1 17.0 25.6

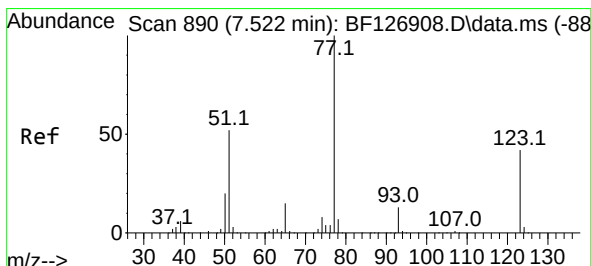
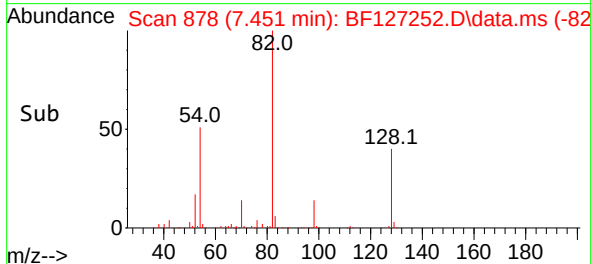
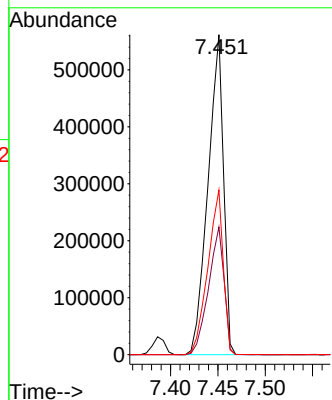
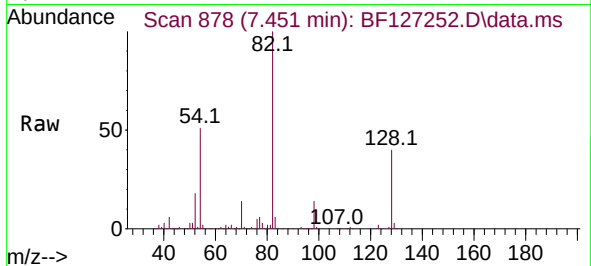




#23
Nitrobenzene-d5
Concen: 82.997 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

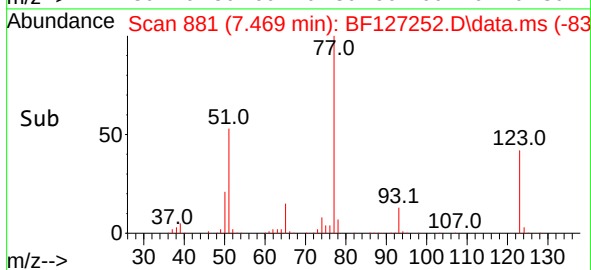
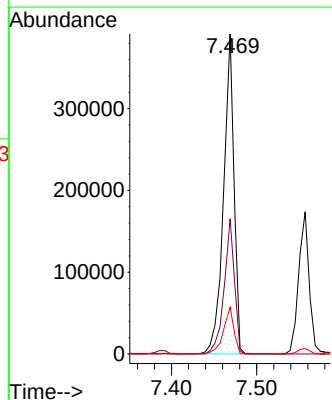
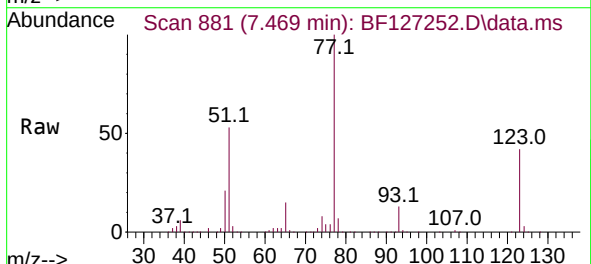
Instrument :
BNA_F
ClientSampleId :
PB143106BS

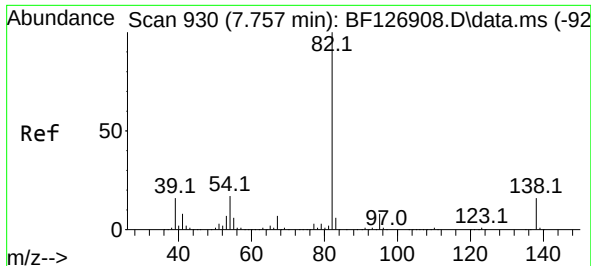
Tgt Ion: 82 Resp: 638628
Ion Ratio Lower Upper
82 100
128 39.9 32.7 49.1
54 51.4 41.7 62.5



#24
Nitrobenzene
Concen: 46.085 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion: 77 Resp: 334987
Ion Ratio Lower Upper
77 100
123 42.2 34.6 52.0
65 14.6 10.6 15.8

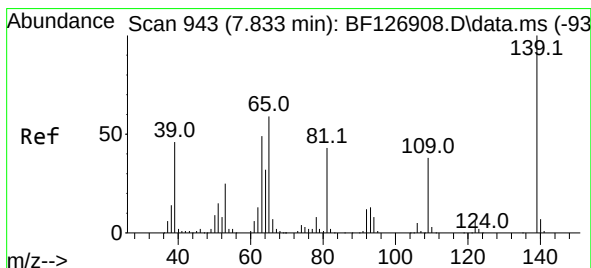
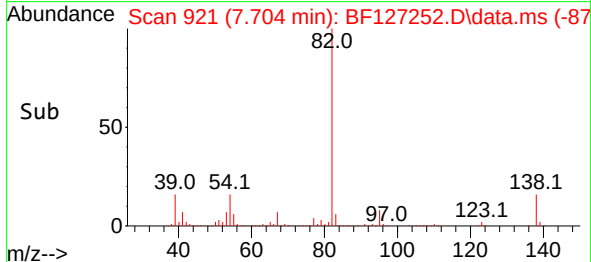
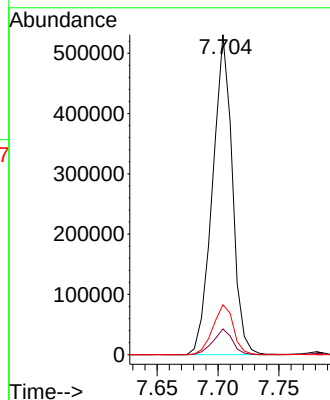
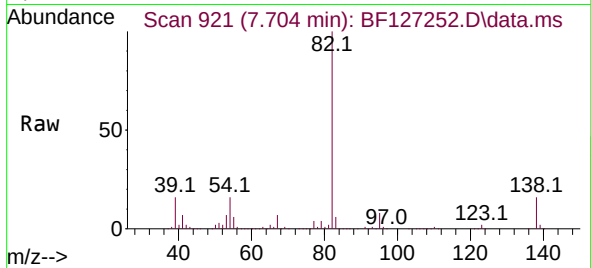




#25
Isophorone
Concen: 47.063 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

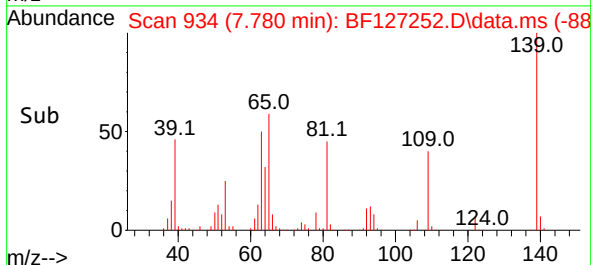
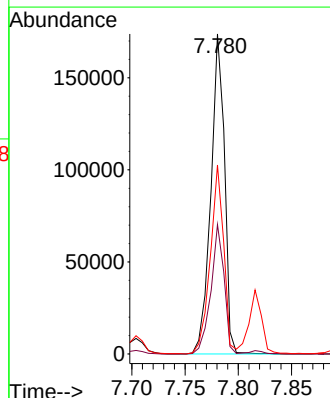
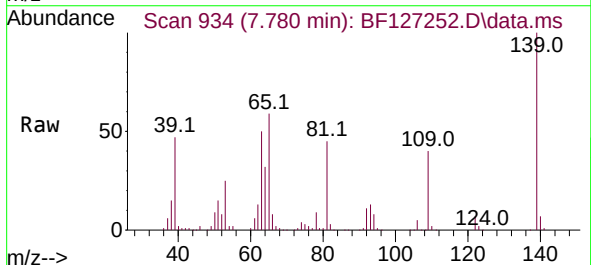
Instrument :
BNA_F
ClientSampleId :
PB143106BS

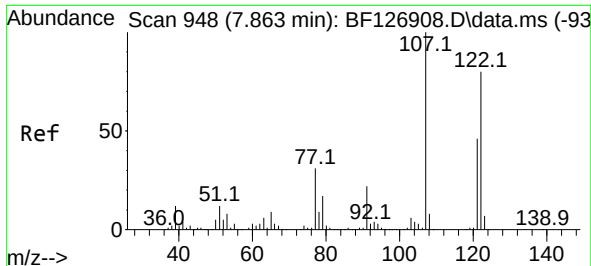
Tgt Ion: 82 Resp: 599230
Ion Ratio Lower Upper
82 100
95 8.1 5.0 7.4#
138 15.6 12.3 18.5



#26
2-Nitrophenol
Concen: 50.305 ng
RT: 7.780 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion: 139 Resp: 155687
Ion Ratio Lower Upper
139 100
109 40.4 20.0 30.0#
65 59.1 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 50.345 ng

RT: 7.816 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB143106BS

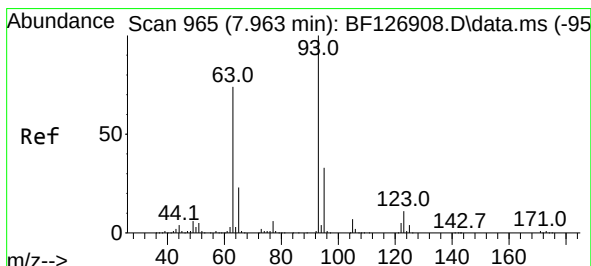
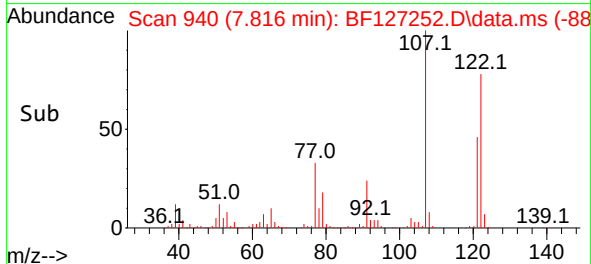
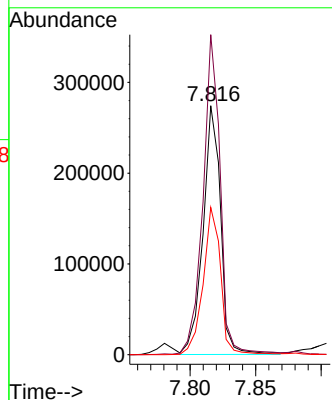
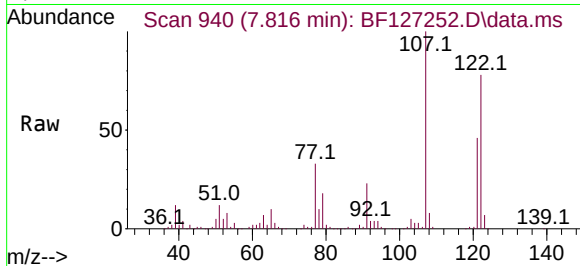
Tgt Ion:122 Resp: 255962

Ion Ratio Lower Upper

122 100

107 128.5 91.2 136.8

121 59.1 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.599 ng

RT: 7.910 min Scan# 956

Delta R.T. -0.000 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

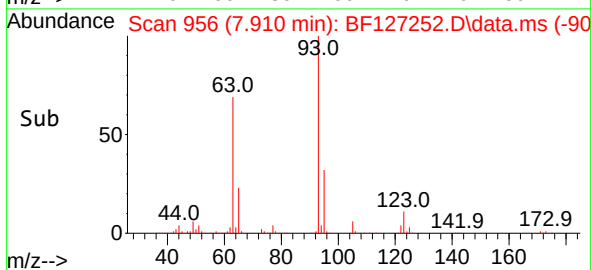
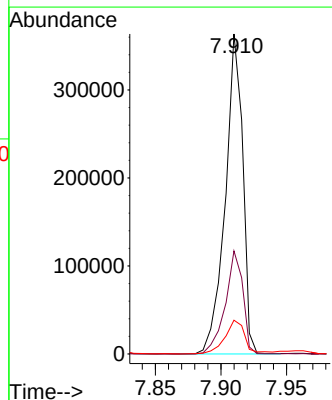
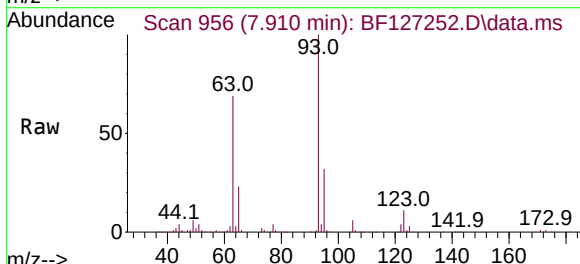
Tgt Ion: 93 Resp: 336544

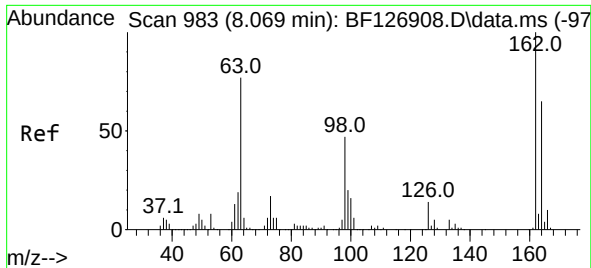
Ion Ratio Lower Upper

93 100

95 32.2 25.4 38.2

123 10.5 8.9 13.3

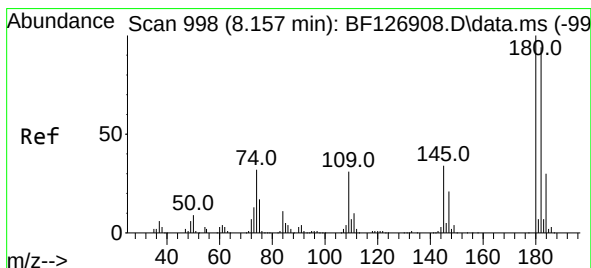
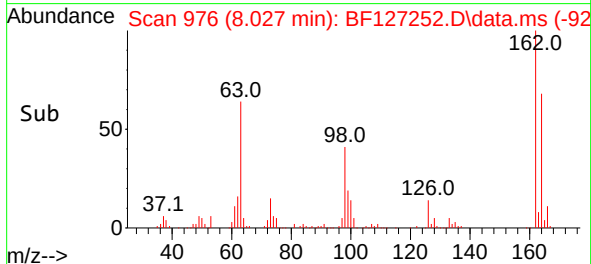
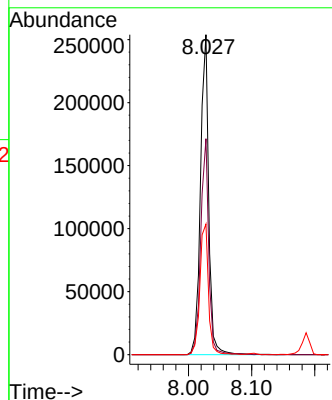
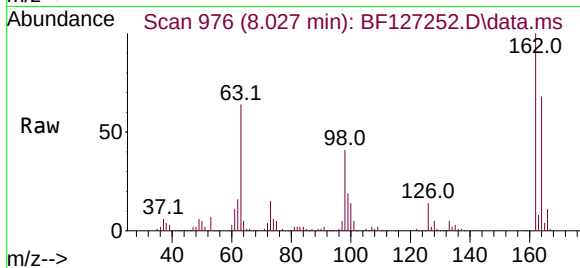




#29
2,4-Dichlorophenol
Concen: 47.690 ng
RT: 8.027 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

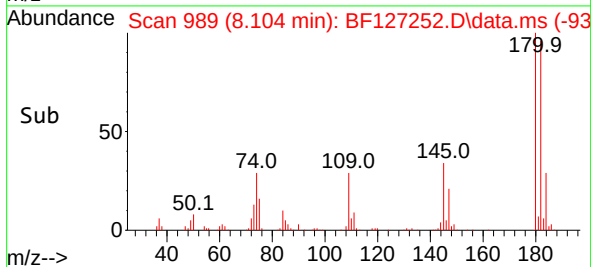
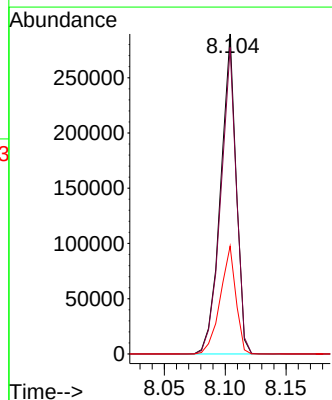
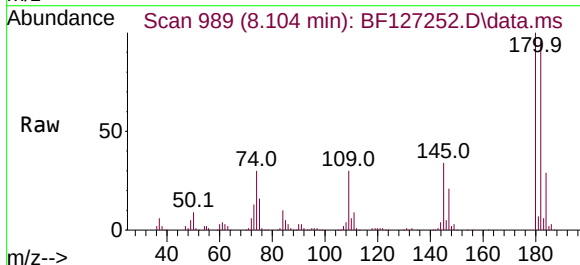
Instrument :
BNA_F
ClientSampleId :
PB143106BS

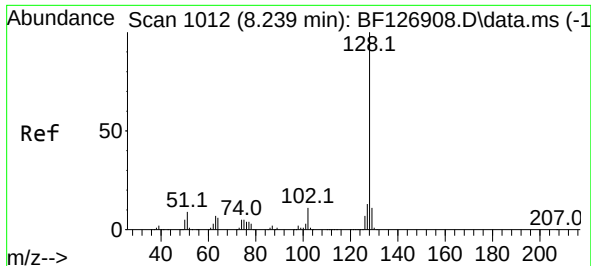
Tgt Ion:162 Resp: 227954
Ion Ratio Lower Upper
162 100
164 67.5 43.8 83.8
98 40.8 23.6 63.6



#30
1,2,4-Trichlorobenzene
Concen: 48.333 ng
RT: 8.104 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:180 Resp: 258290
Ion Ratio Lower Upper
180 100
182 95.8 75.5 113.3
145 33.7 26.2 39.2

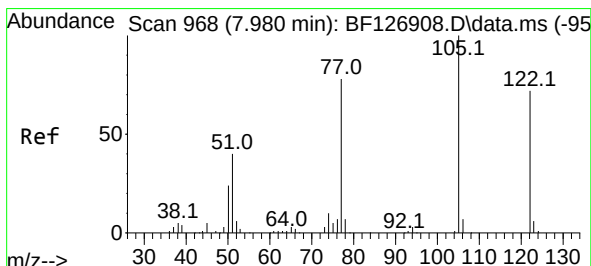
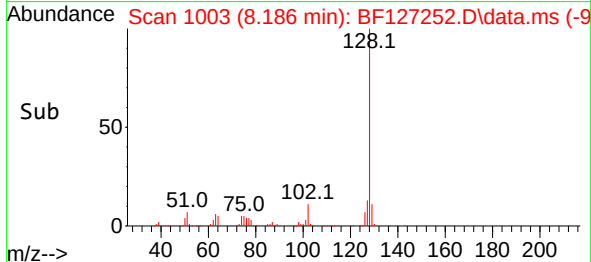
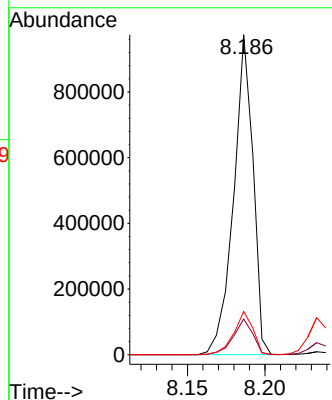
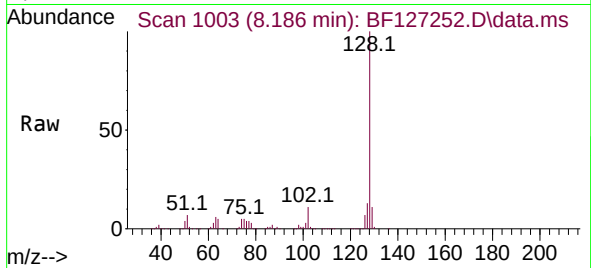




#31
Naphthalene
Concen: 46.790 ng
RT: 8.186 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

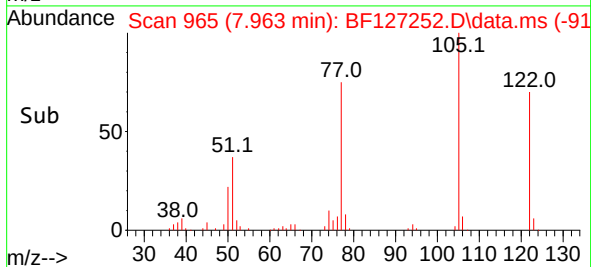
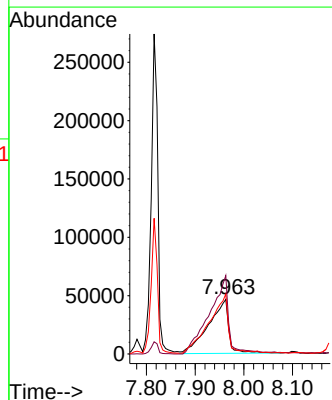
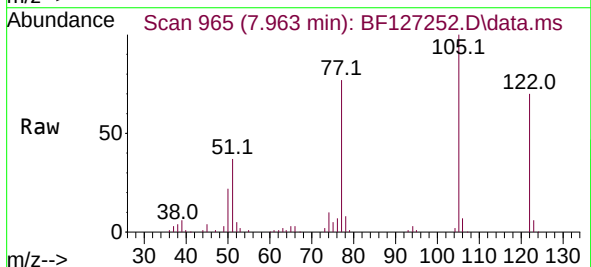
Instrument :
BNA_F
ClientSampleId :
PB143106BS

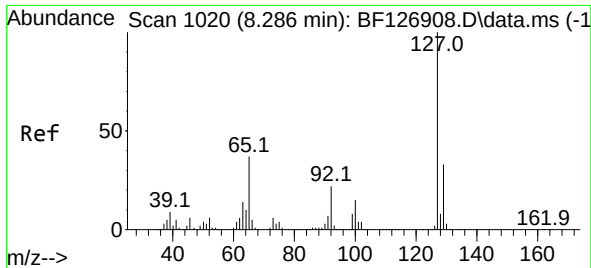
Tgt Ion:128 Resp: 848308
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.5 10.3 15.5



#32
Benzoic acid
Concen: 37.304 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.023 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:122 Resp: 134505
Ion Ratio Lower Upper
122 100
105 143.5 101.0 141.0#
77 109.8 74.5 114.5

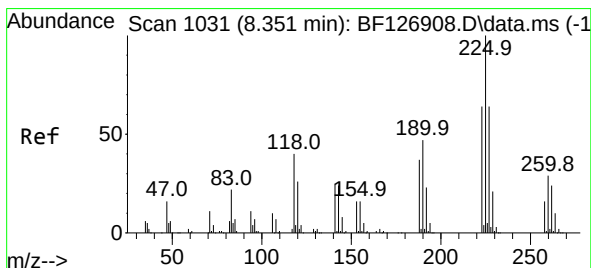
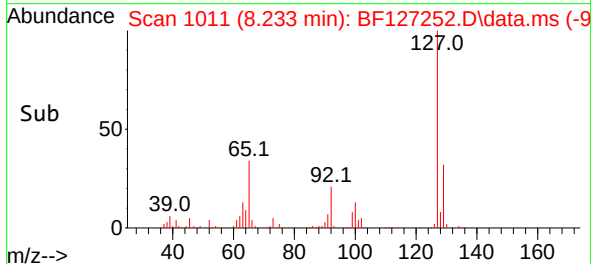
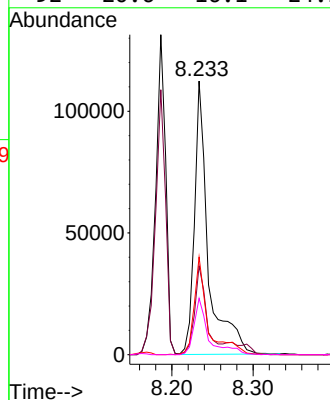
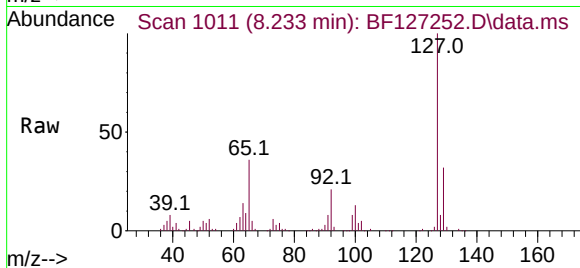




#33
4-Chloroaniline
Concen: 18.744 ng
RT: 8.233 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

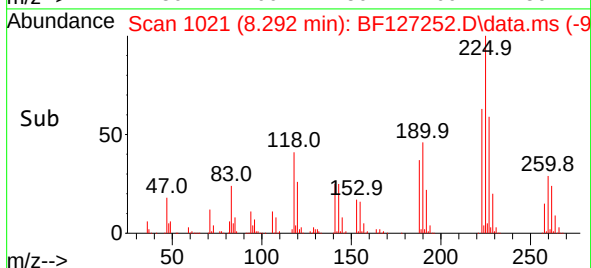
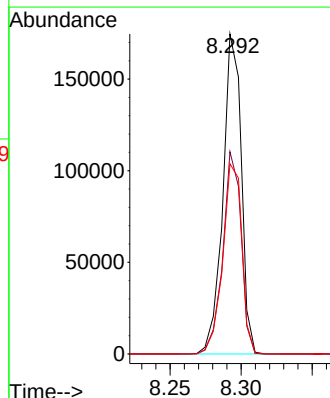
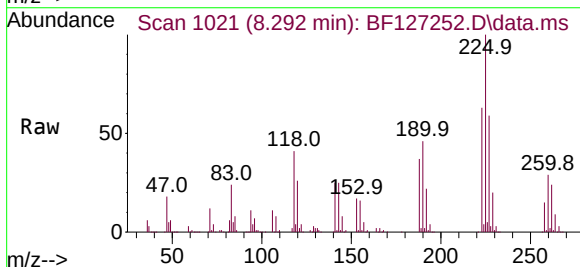
Instrument :
BNA_F
ClientSampleId :
PB143106BS

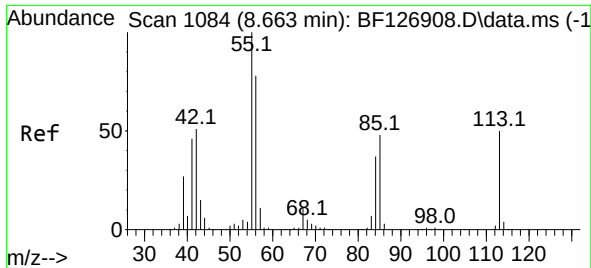
Tgt Ion:127	Resp: 133760
Ion Ratio	Lower Upper
127 100	
129 32.4	26.5 39.7
65 35.7	26.6 39.8
92 20.6	16.1 24.1



#34
Hexachlorobutadiene
Concen: 50.184 ng
RT: 8.292 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:225	Resp: 156567		
Ion Ratio	Lower	Upper	
225	100		
223	63.2	48.6	73.0
227	59.5	51.4	77.0

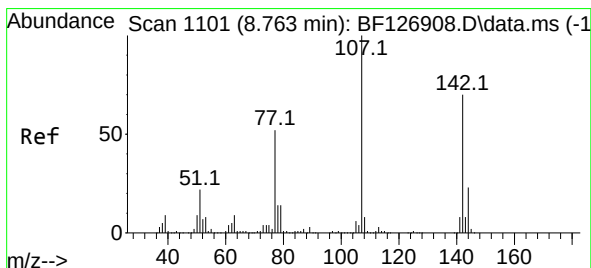
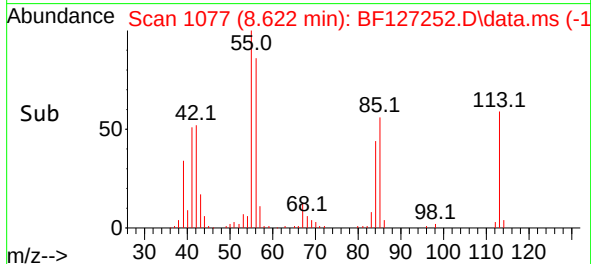
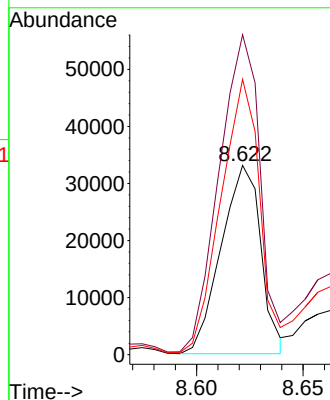
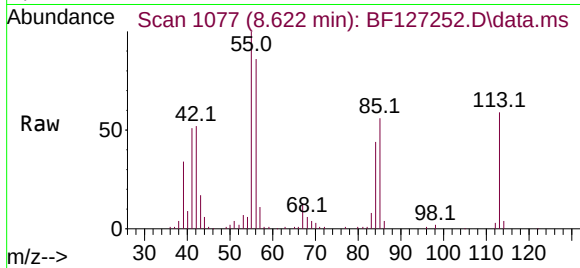




#35
Caprolactam
Concen: 25.680 ng
RT: 8.622 min Scan# 1095
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

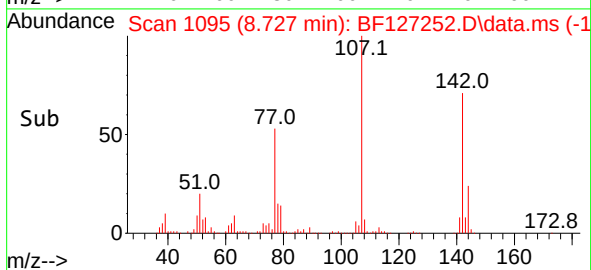
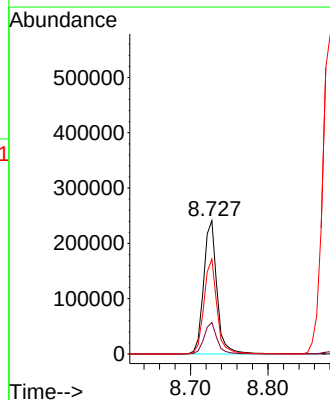
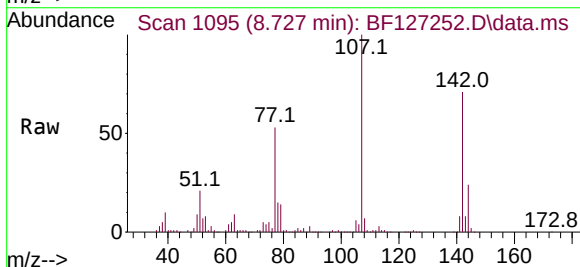
Instrument :
BNA_F
ClientSampleId :
PB143106BS

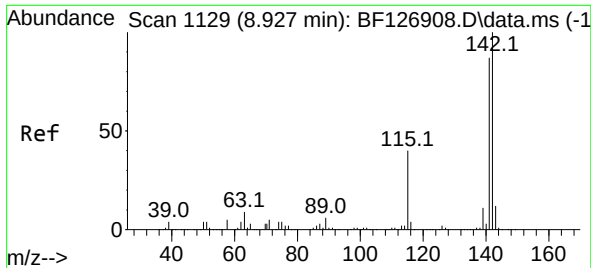
Tgt Ion:113 Resp: 42865
Ion Ratio Lower Upper
113 100
55 169.1 183.9 223.9#
56 145.5 129.9 169.9



#36
4-Chloro-3-methylphenol
Concen: 46.925 ng
RT: 8.727 min Scan# 1095
Delta R.T. 0.012 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:107 Resp: 286662
Ion Ratio Lower Upper
107 100
144 23.7 18.5 27.7
142 71.3 58.1 87.1





#37

2-Methylnaphthalene

Concen: 46.638 ng

RT: 8.880 min Scan# 1129

Delta R.T. 0.006 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA_F

ClientSampleId :

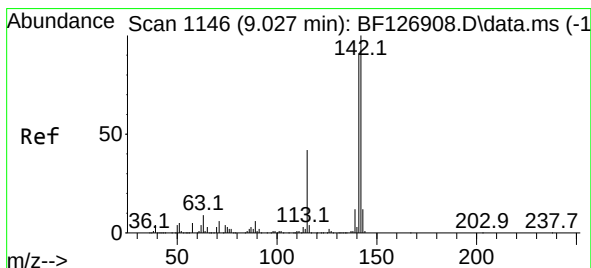
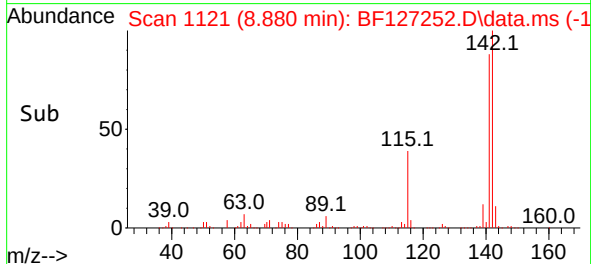
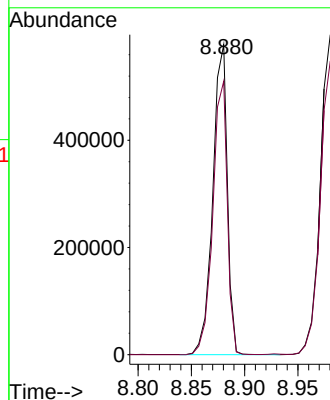
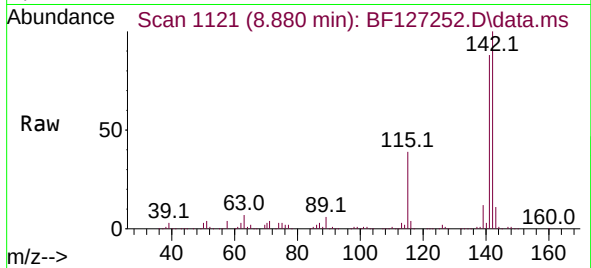
PB143106BS

Tgt Ion:142 Resp: 548666

Ion Ratio Lower Upper

142 100

141 88.2 68.6 102.8



#38

1-Methylnaphthalene

Concen: 46.697 ng

RT: 8.980 min Scan# 1138

Delta R.T. 0.006 min

Lab File: BF127252.D

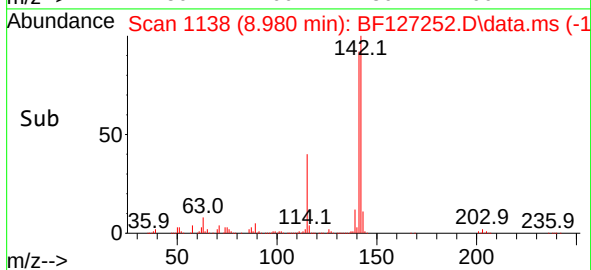
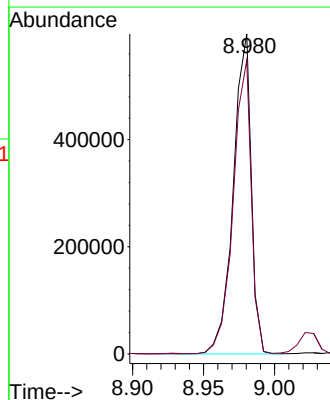
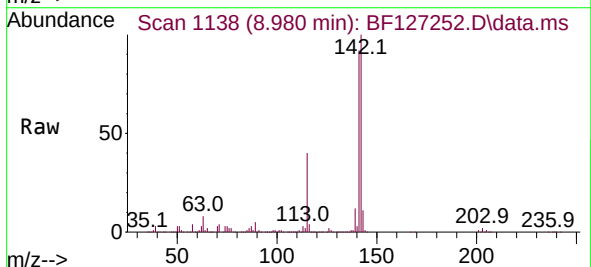
Acq: 08 Mar 2022 11:52

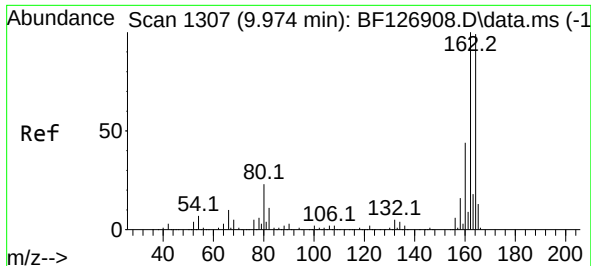
Tgt Ion:142 Resp: 526071

Ion Ratio Lower Upper

142 100

141 91.8 72.1 108.1

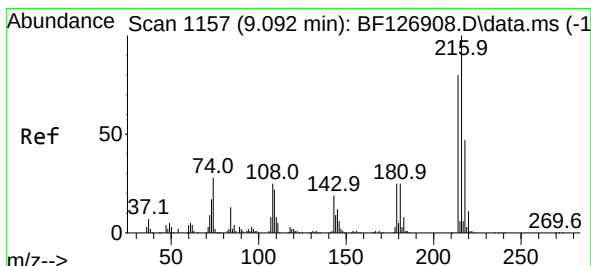
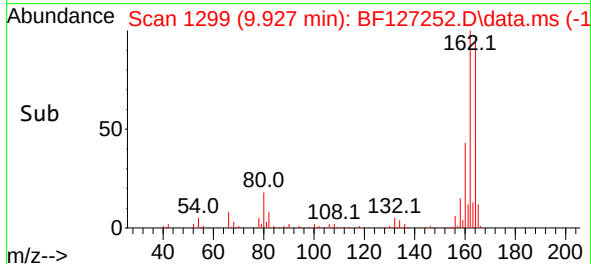
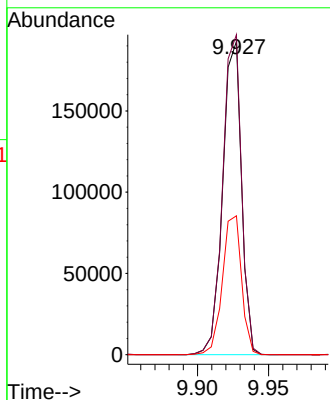
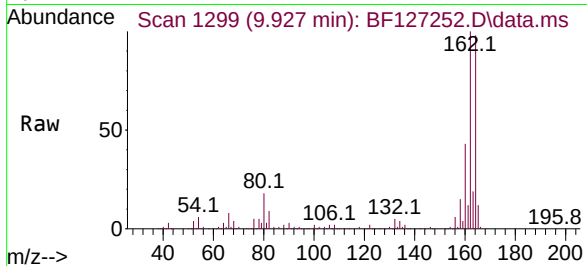




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

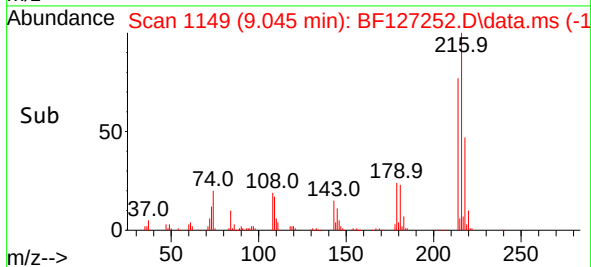
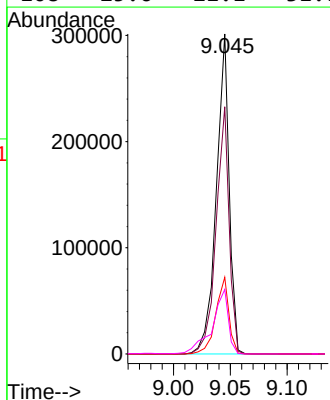
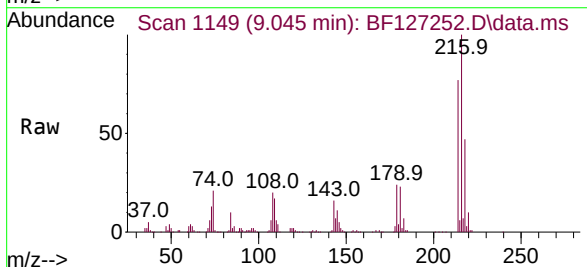
Instrument :
BNA_F
ClientSampleId :
PB143106BS

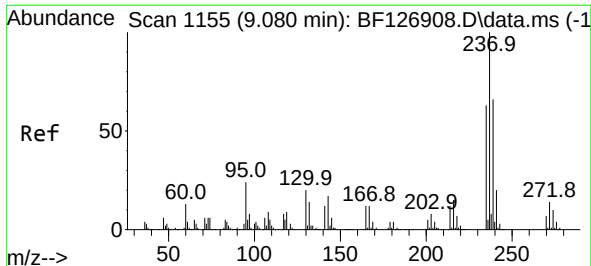
Tgt Ion:164 Resp: 177724
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 44.3 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.894 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:216 Resp: 238097
Ion Ratio Lower Upper
216 100
214 78.0 64.6 96.8
179 24.3 19.5 29.3
108 25.6 21.1 31.7

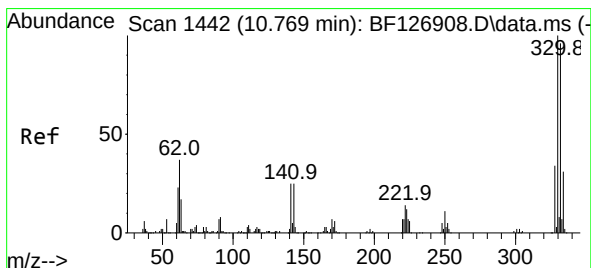
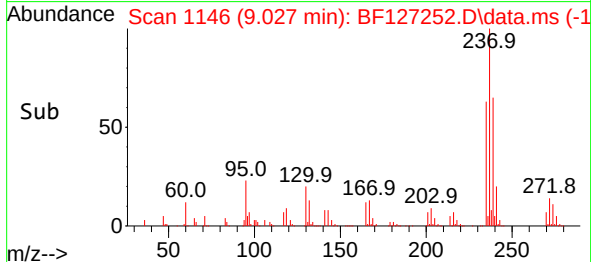
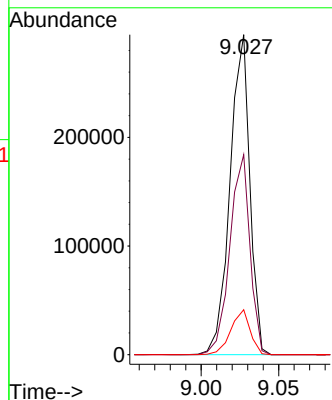
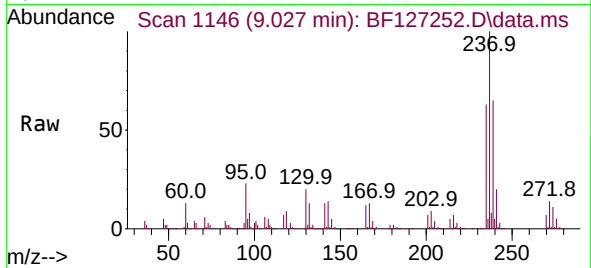




#41
Hexachlorocyclopentadiene
Concen: 103.174 ng
RT: 9.027 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

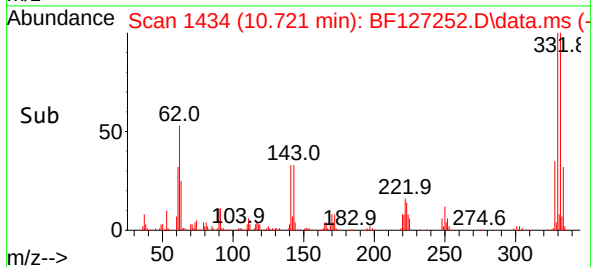
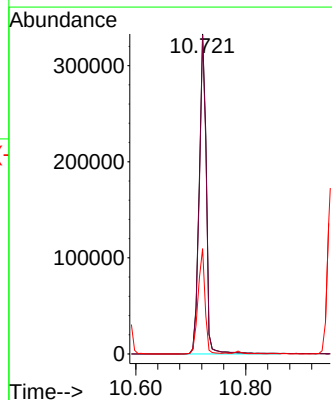
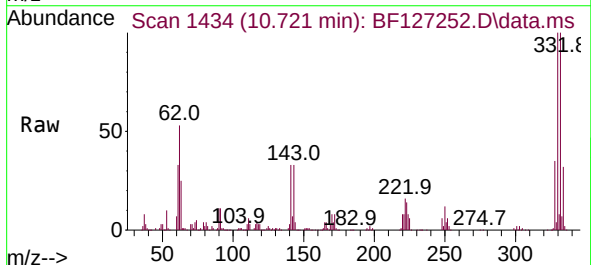
Instrument :
BNA_F
ClientSampleId :
PB143106BS

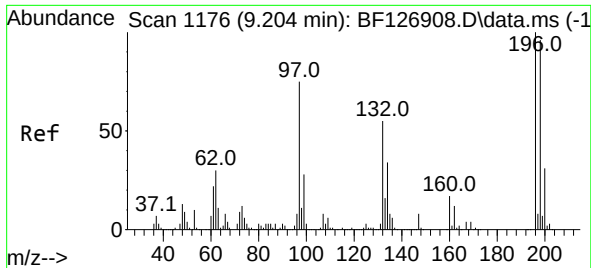
Tgt Ion: 237 Resp: 261790
Ion Ratio Lower Upper
237 100
235 62.5 38.9 78.9
272 14.0 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 146.816 ng
RT: 10.721 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion: 330 Resp: 300422
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 31.9 30.1 45.1

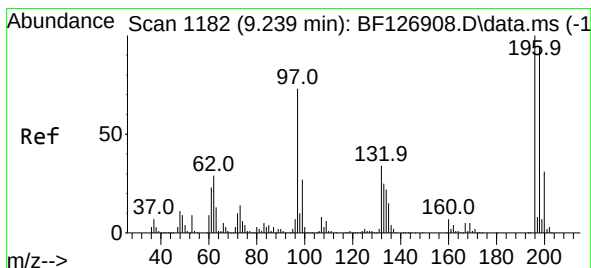
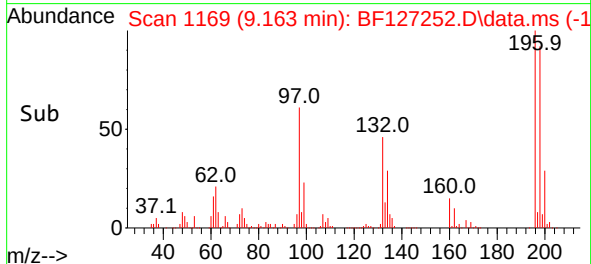
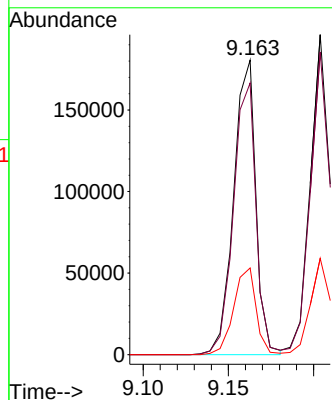
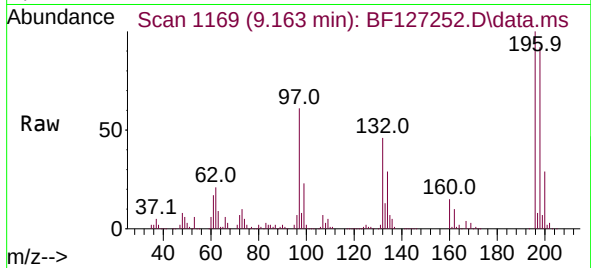




#43
2,4,6-Trichlorophenol
Concen: 47.676 ng
RT: 9.163 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

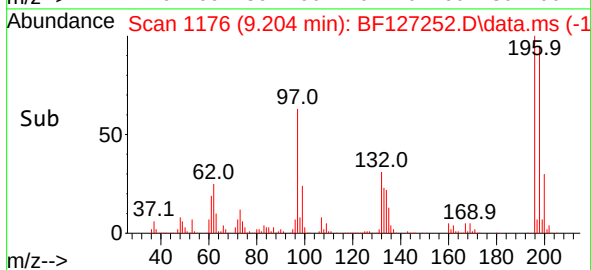
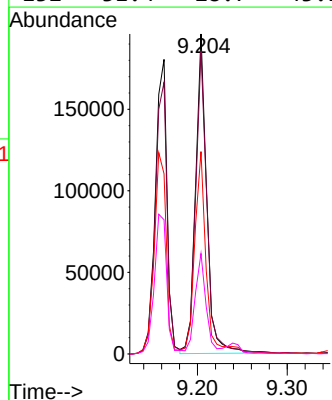
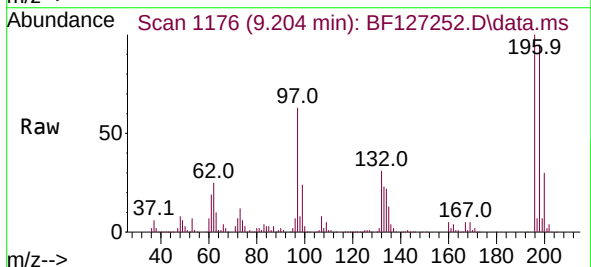
Instrument :
BNA_F
ClientSampleId :
PB143106BS

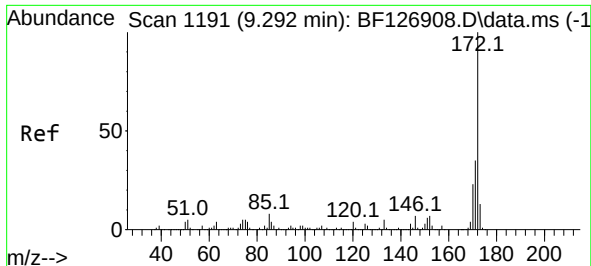
Tgt Ion:196 Resp: 163591
Ion Ratio Lower Upper
196 100
198 92.3 78.5 117.7
200 29.4 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 47.065 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:196 Resp: 169940
Ion Ratio Lower Upper
196 100
198 94.6 82.0 123.0
97 63.2 53.5 80.3
132 31.4 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 92.261 ng

RT: 9.245 min Scan# 1113814

Delta R.T. 0.006 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB143106BS

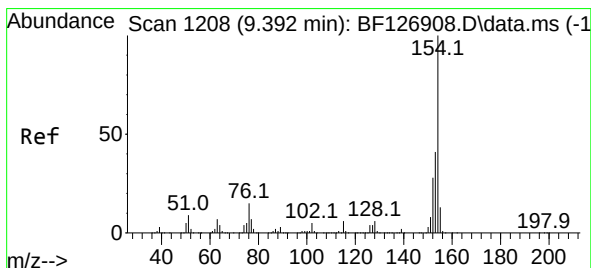
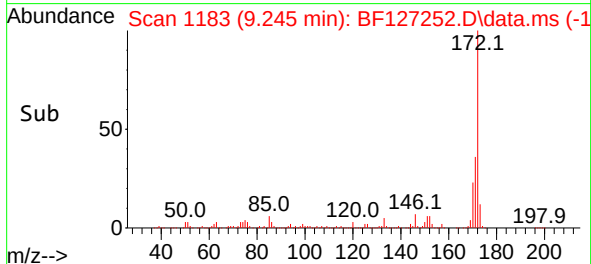
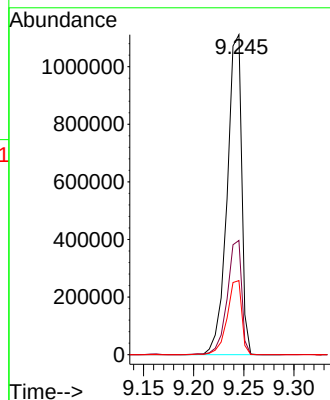
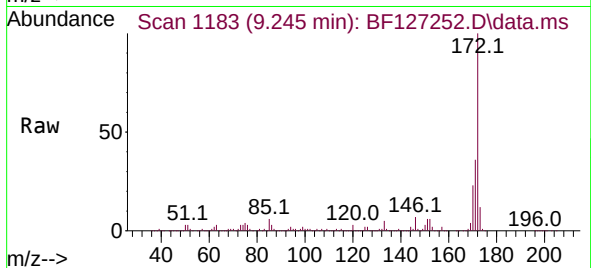
Tgt Ion:172 Resp: 1113814

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 48.377 ng

RT: 9.345 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

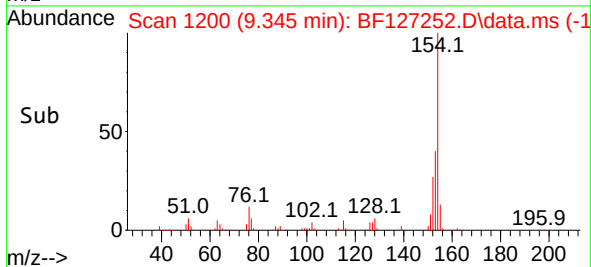
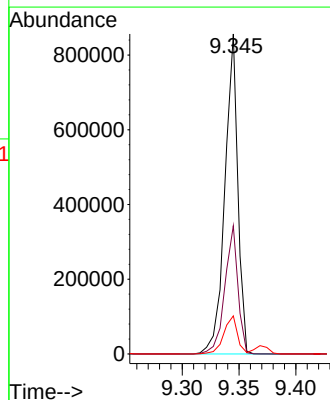
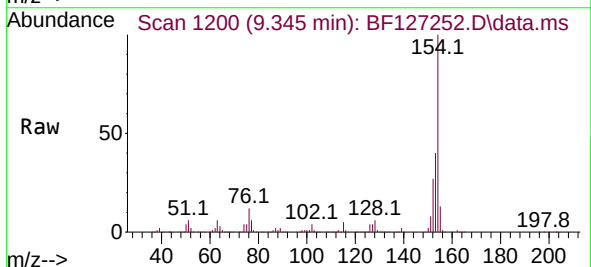
Tgt Ion:154 Resp: 681182

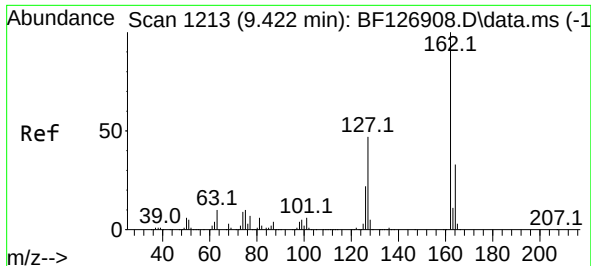
Ion Ratio Lower Upper

154 100

153 40.1 19.0 59.0

76 11.9 0.0 34.5





#47

2-Chloronaphthalene

Concen: 49.875 ng

RT: 9.369 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB143106BS

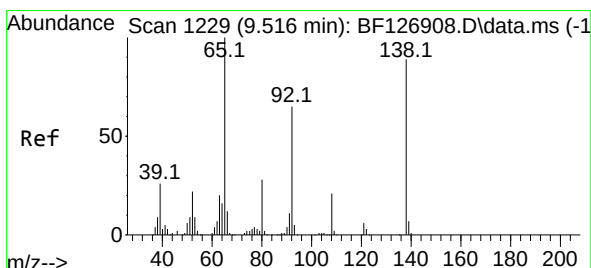
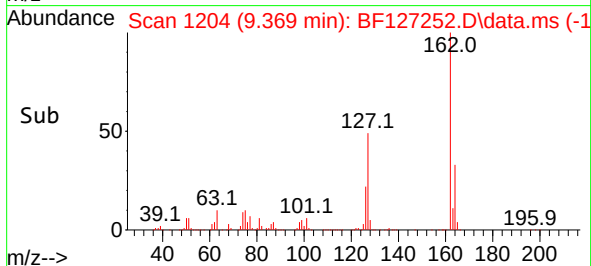
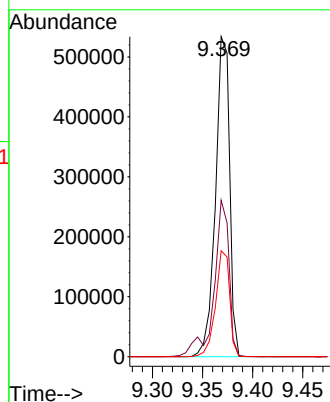
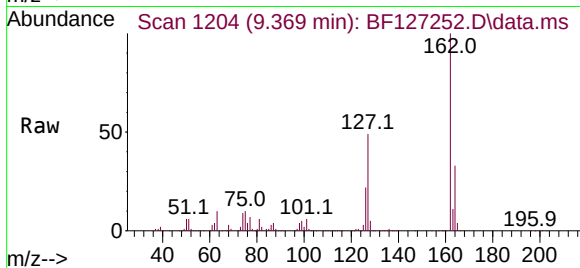
Tgt Ion:162 Resp: 520787

Ion Ratio Lower Upper

162 100

127 48.9 33.5 50.3

164 33.1 26.2 39.4



#48

2-Nitroaniline

Concen: 45.160 ng

RT: 9.474 min Scan# 1222

Delta R.T. 0.006 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

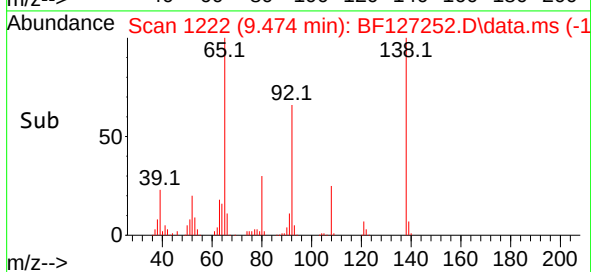
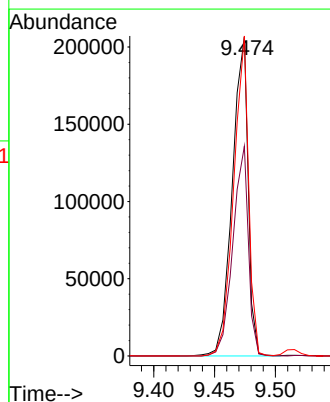
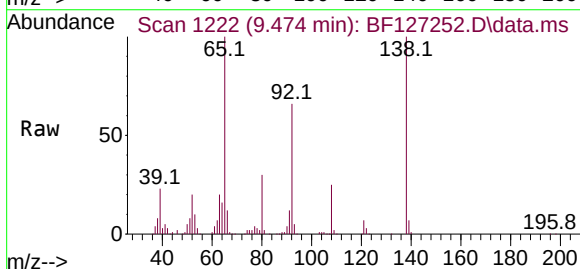
Tgt Ion: 65 Resp: 186079

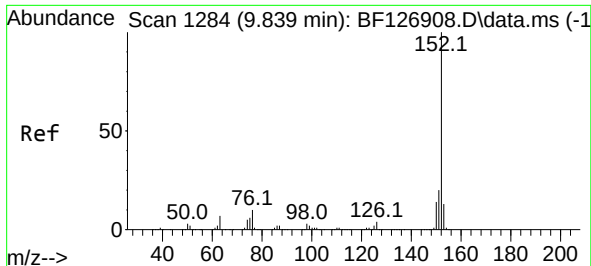
Ion Ratio Lower Upper

65 100

92 65.8 54.4 81.6

138 100.3 72.5 108.7

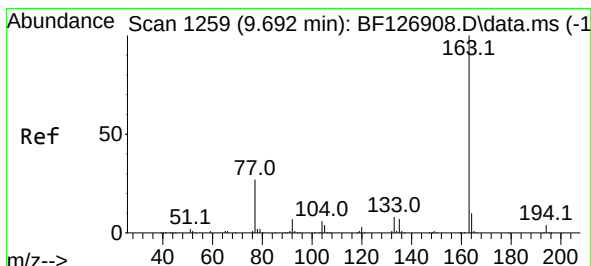
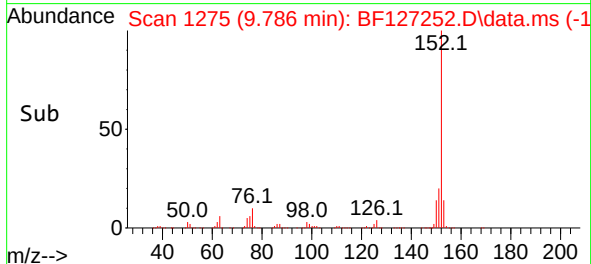
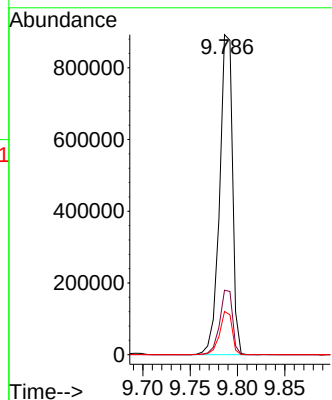
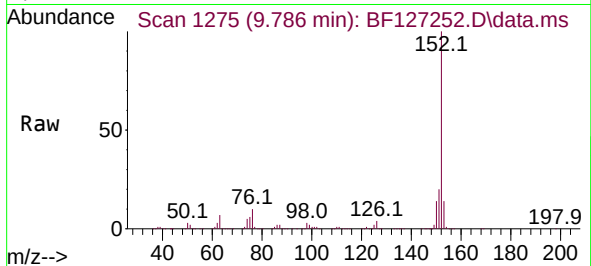




#49
Acenaphthylene
Concen: 50.007 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

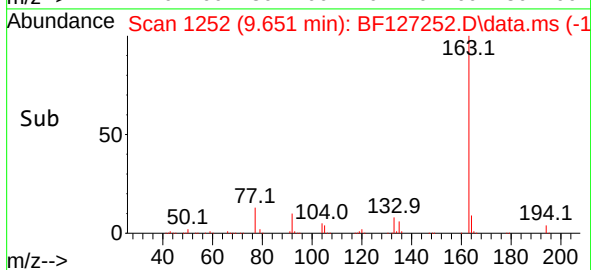
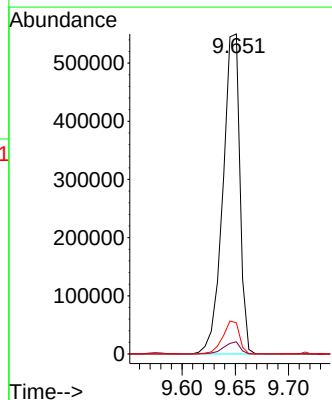
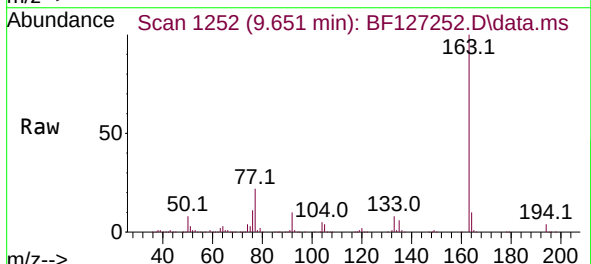
Instrument :
BNA_F
ClientSampleId :
PB143106BS

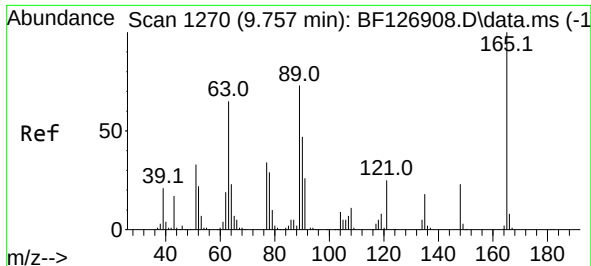
Tgt Ion:152 Resp: 848183
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.5 11.4 17.0



#50
Dimethylphthalate
Concen: 47.758 ng
RT: 9.651 min Scan# 1252
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:163 Resp: 606699
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 9.7 7.8 11.8

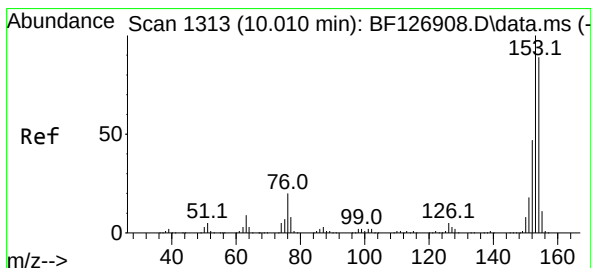
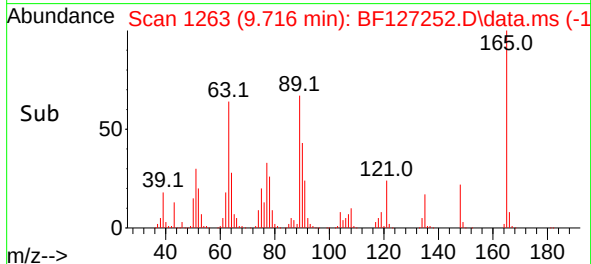
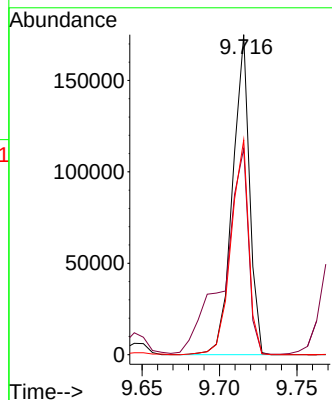
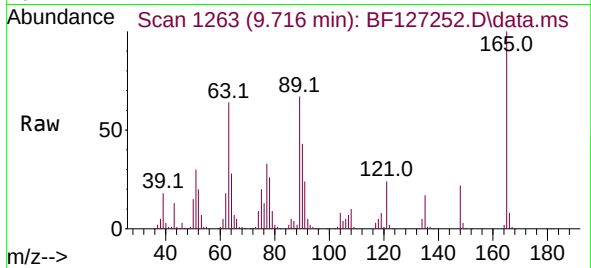




#51
2,6-Dinitrotoluene
Concen: 51.360 ng
RT: 9.716 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

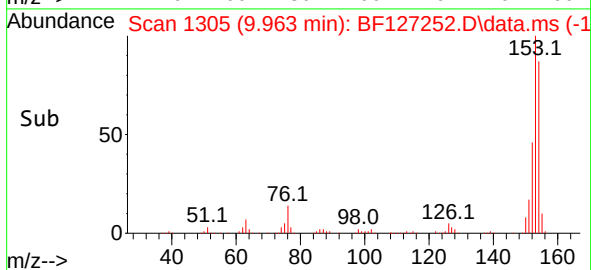
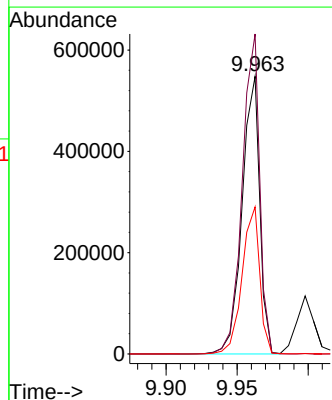
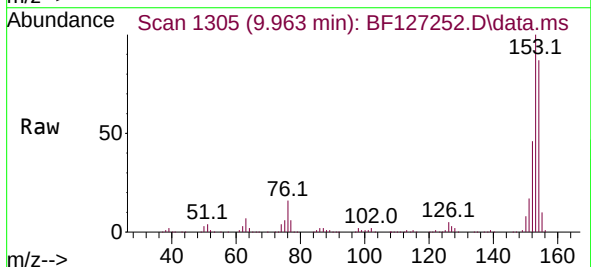
Instrument :
BNA_F
ClientSampleId :
PB143106BS

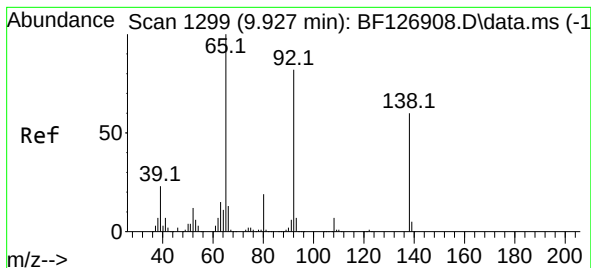
Tgt Ion:165 Resp: 132744
Ion Ratio Lower Upper
165 100
63 64.4 48.4 72.6
89 67.1 50.5 75.7



#52
Acenaphthene
Concen: 42.997 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:154 Resp: 474291
Ion Ratio Lower Upper
154 100
153 115.3 87.8 131.6
152 53.0 39.4 59.2

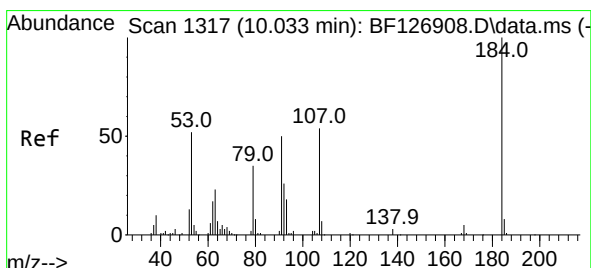
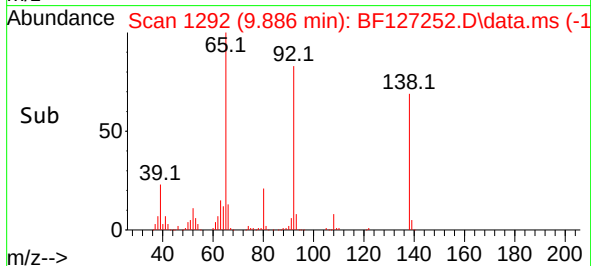
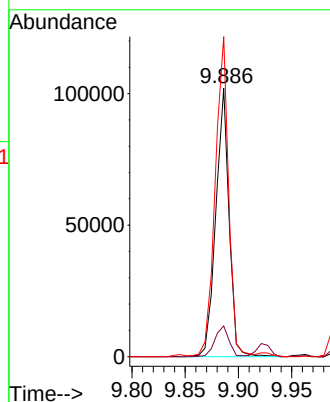
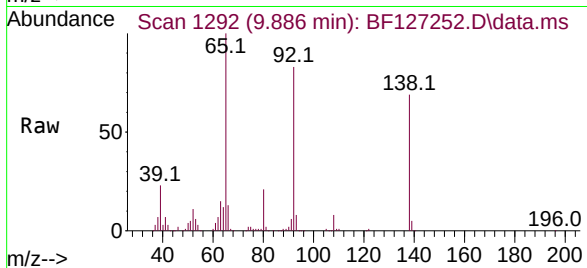




#53
3-Nitroaniline
Concen: 27.834 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

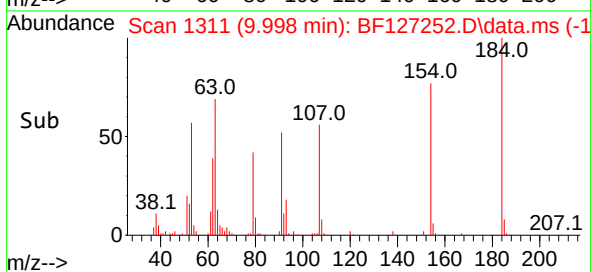
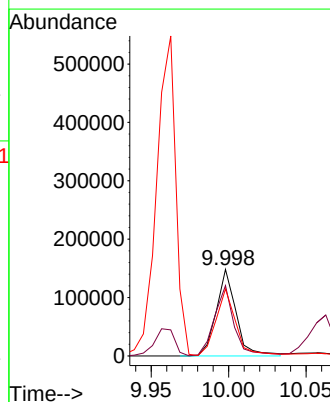
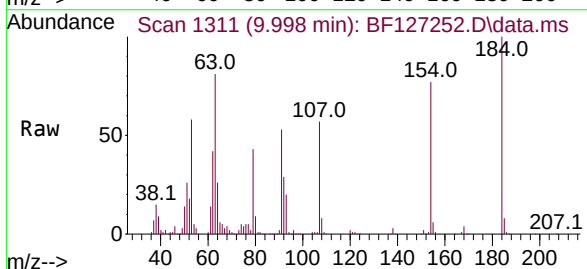
Instrument :
BNA_F
ClientSampleId :
PB143106BS

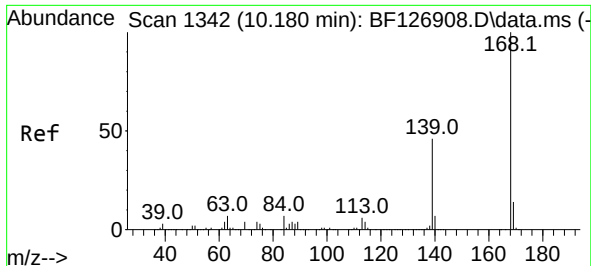
Tgt Ion:138 Resp: 87937
Ion Ratio Lower Upper
138 100
108 11.4 8.6 13.0
92 119.2 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 96.709 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:184 Resp: 132298
Ion Ratio Lower Upper
184 100
63 81.3 70.4 105.6
154 77.5 49.7 74.5#

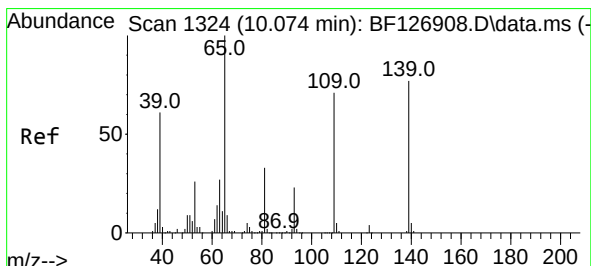
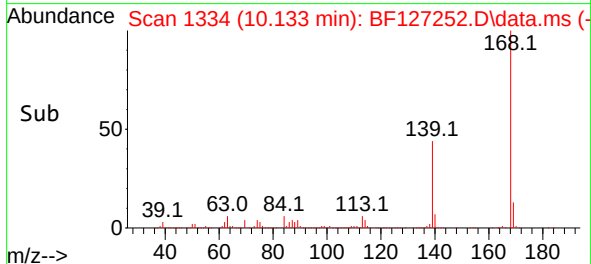
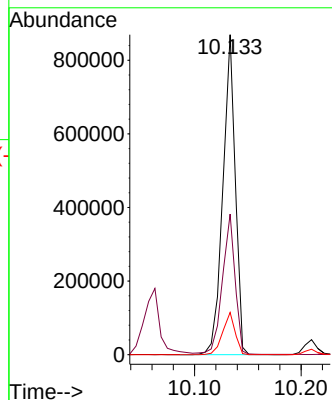
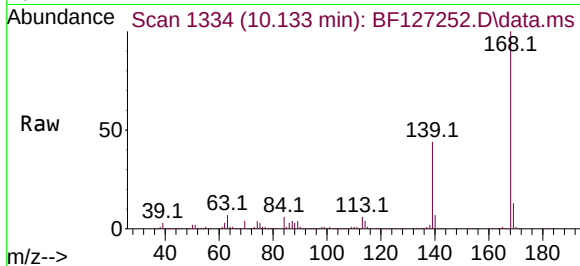




#55
Dibenzenofuran
Concen: 46.320 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

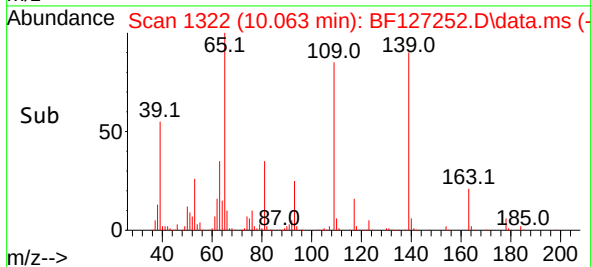
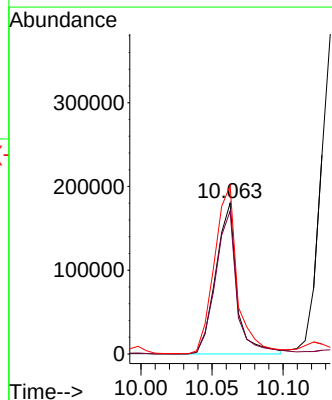
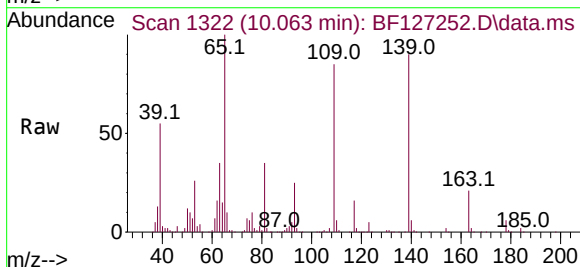
Instrument :
BNA_F
ClientSampleId :
PB143106BS

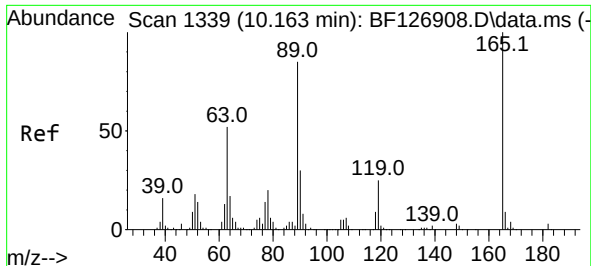
Tgt Ion:168 Resp: 702587
Ion Ratio Lower Upper
168 100
139 44.0 30.6 46.0
169 13.2 10.0 15.0



#56
4-Nitrophenol
Concen: 79.481 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.017 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:139 Resp: 185463
Ion Ratio Lower Upper
139 100
109 94.7 44.1 84.1#
65 111.5 85.5 125.5

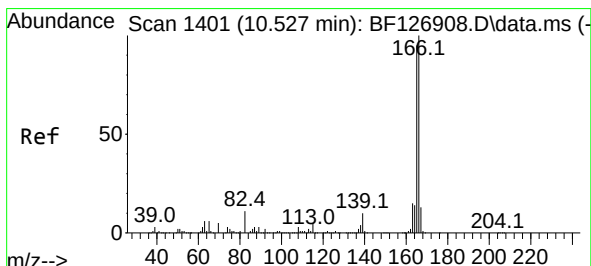
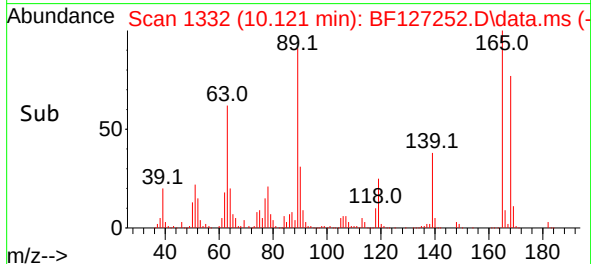
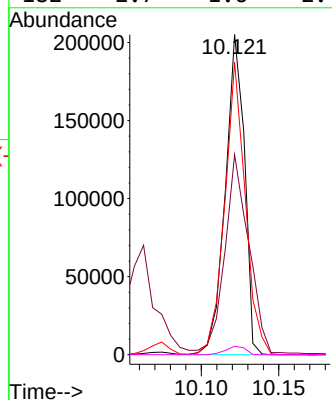
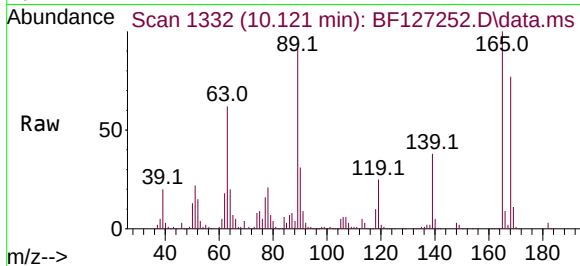




#57
2,4-Dinitrotoluene
Concen: 50.478 ng
RT: 10.121 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

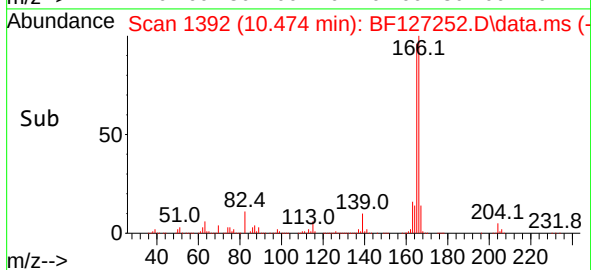
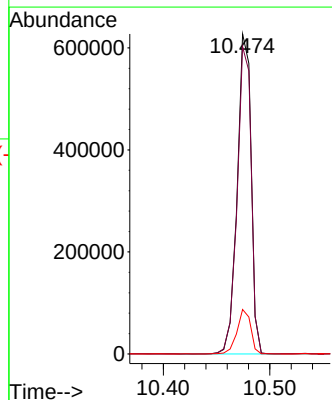
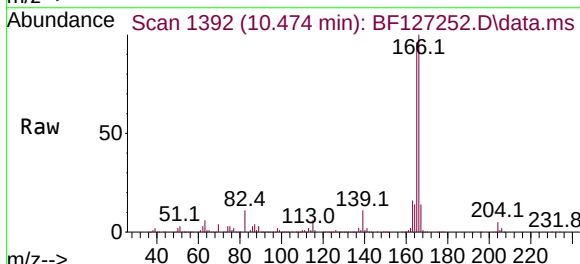
Instrument :
BNA_F
ClientSampleId :
PB143106BS

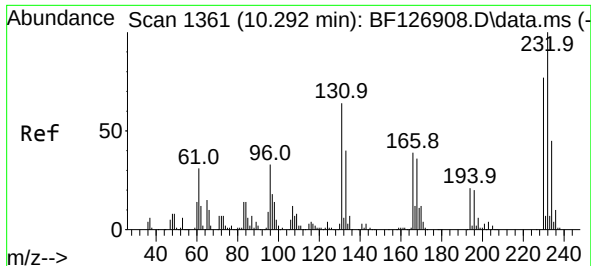
Tgt Ion:165 Resp: 176399
Ion Ratio Lower Upper
165 100
63 62.5 43.0 64.6
89 91.5 71.0 106.4
182 2.7 1.6 2.4#



#58
Fluorene
Concen: 48.306 ng
RT: 10.474 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:166 Resp: 570734
Ion Ratio Lower Upper
166 100
165 96.0 77.7 116.5
167 13.9 10.7 16.1

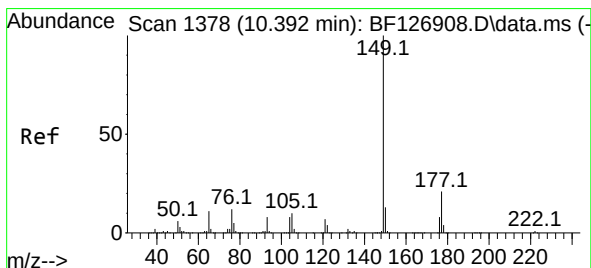
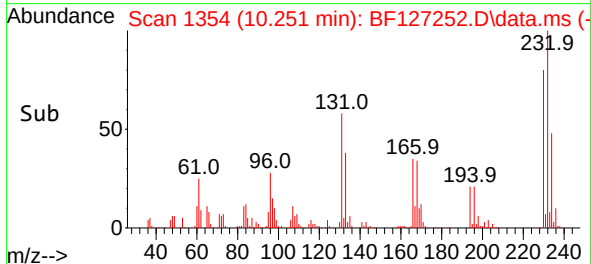
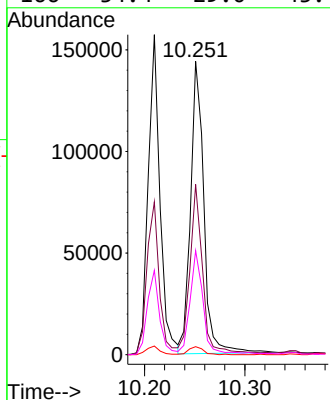
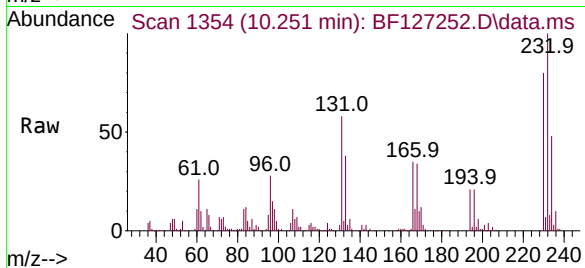




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.135 ng
RT: 10.251 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

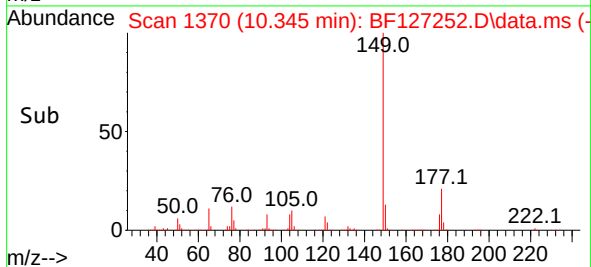
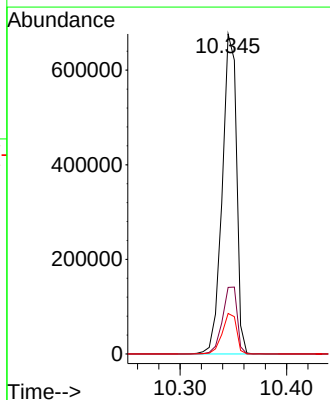
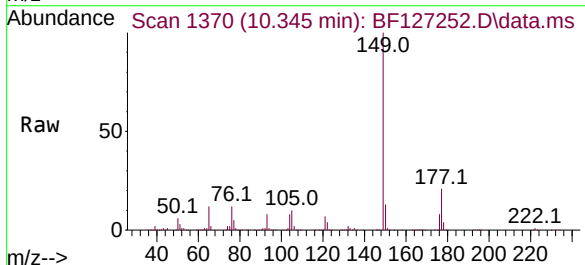
Instrument :
BNA_F
ClientSampleId :
PB143106BS

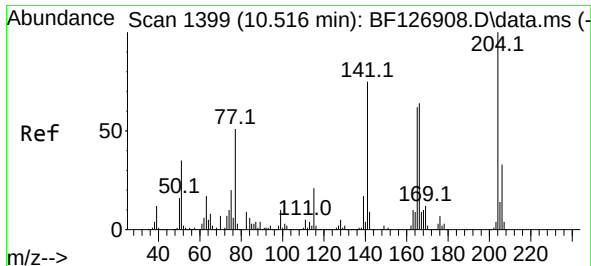
Tgt Ion:232 Resp: 132065
Ion Ratio Lower Upper
232 100
131 53.9 50.0 75.0
130 3.0 2.2 3.2
166 34.4 29.0 43.4



#60
Diethylphthalate
Concen: 47.423 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:149 Resp: 629493
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.7 9.8 14.8

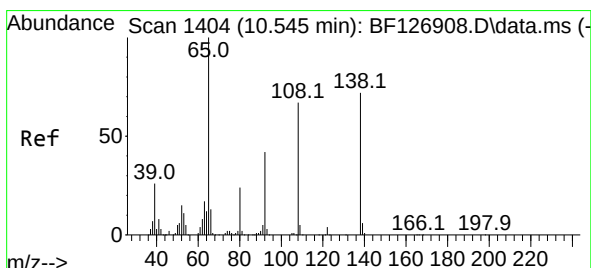
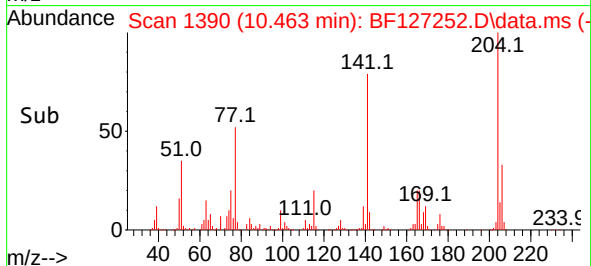
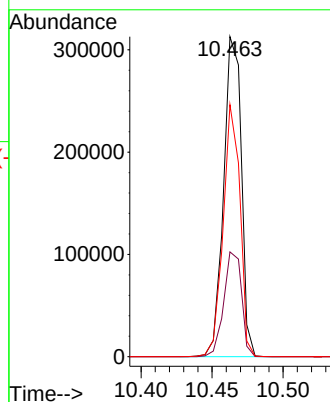
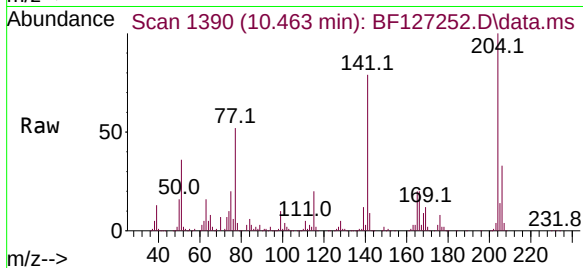




#61
4-Chlorophenyl-phenylether
Concen: 48.575 ng
RT: 10.463 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

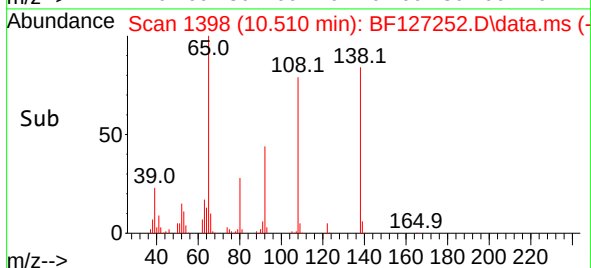
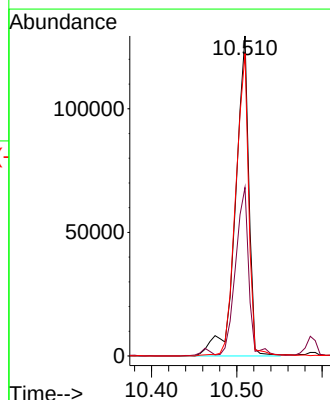
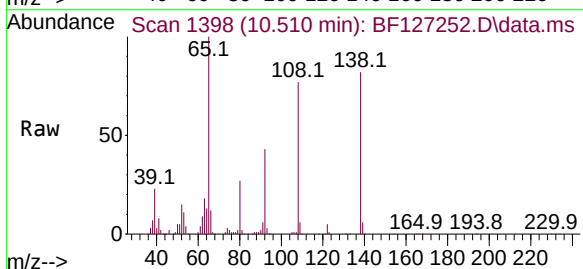
Instrument :
BNA_F
ClientSampleId :
PB143106BS

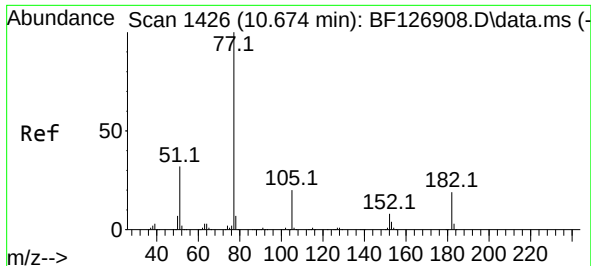
Tgt Ion:204 Resp: 270618
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 78.8 59.0 88.6



#62
4-Nitroaniline
Concen: 45.126 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.012 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:138 Resp: 140785
Ion Ratio Lower Upper
138 100
92 52.7 36.2 76.2
108 94.5 46.7 86.7#

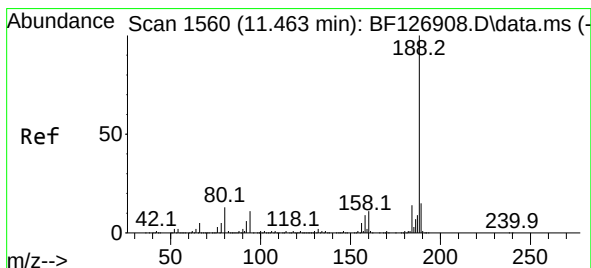
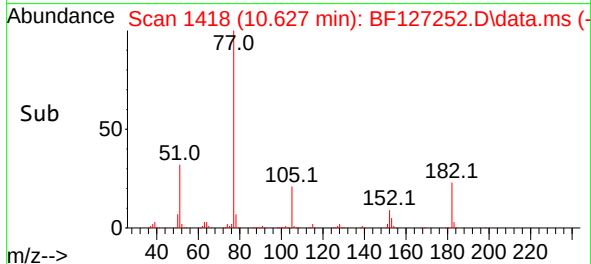
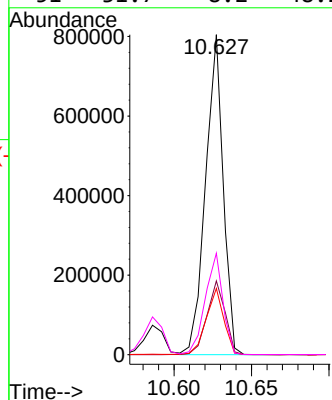
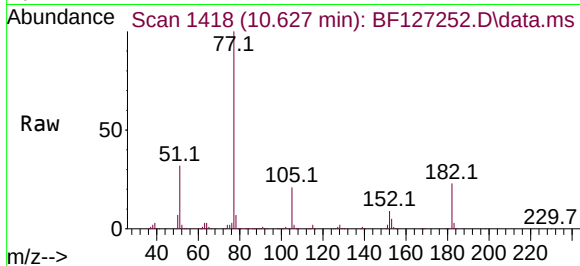




#63
Azobenzene
Concen: 43.054 ng
RT: 10.627 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

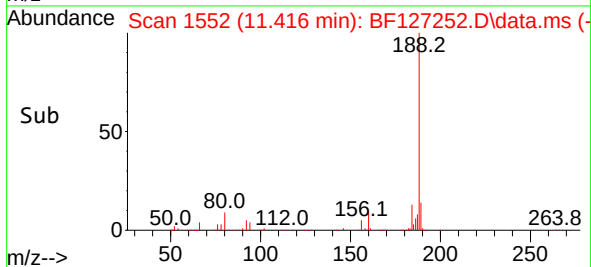
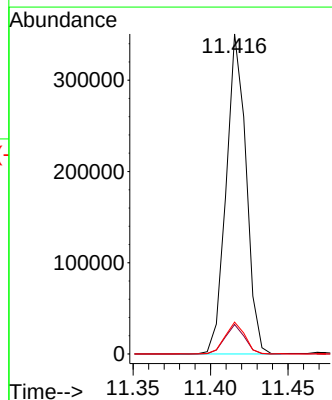
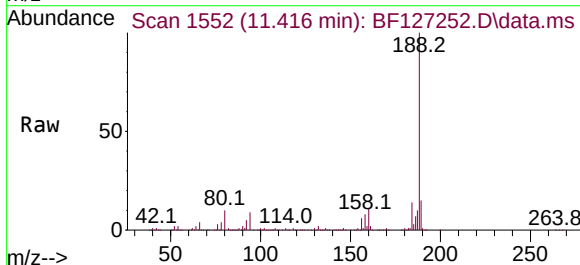
Instrument :
BNA_F
ClientSampleId :
PB143106BS

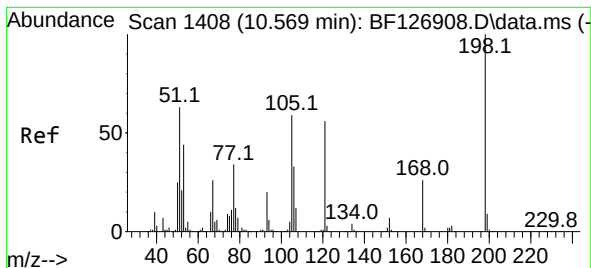
Tgt Ion: 77	Resp: 636372
Ion Ratio	Lower Upper
77 100	
182 23.0	0.0 39.0
105 20.7	3.2 43.2
51 31.7	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:188	Resp: 313715		
Ion Ratio	Lower	Upper	
188 100			
94 9.2	10.1	15.1#	
80 10.0	11.8	17.6#	

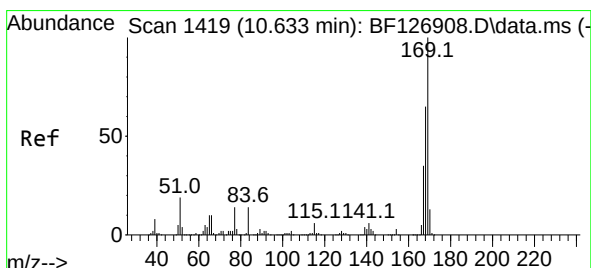
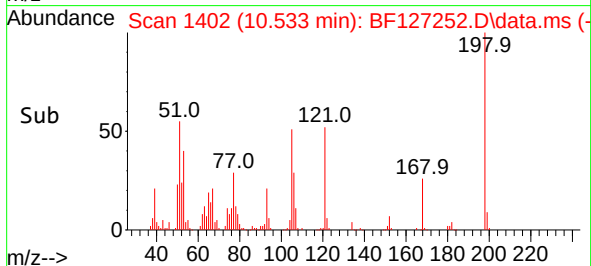
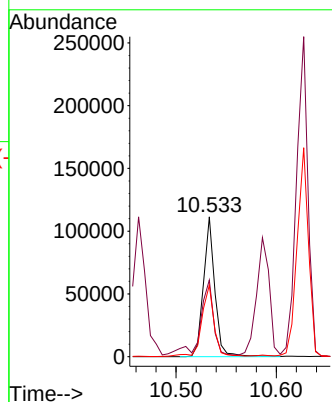
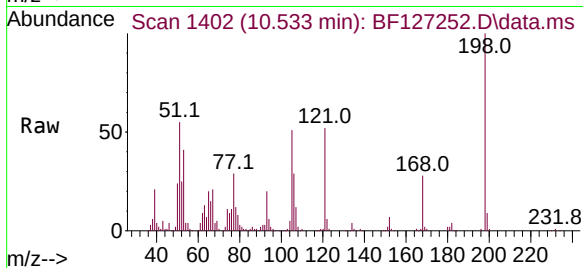




#65
4,6-Dinitro-2-methylphenol
Concen: 47.897 ng
RT: 10.533 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

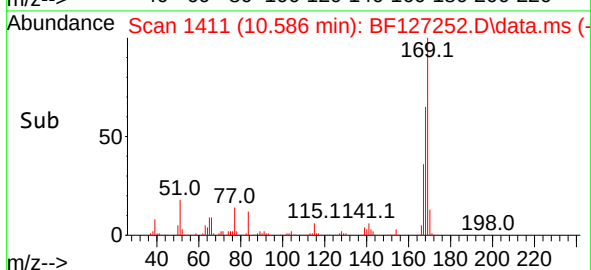
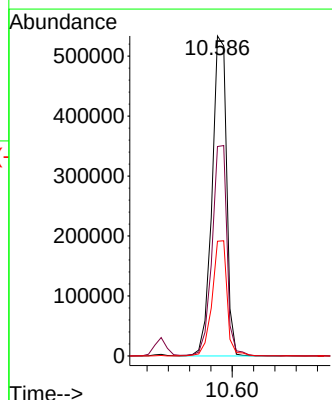
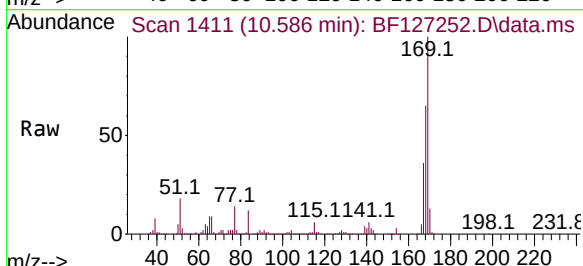
Instrument :
BNA_F
ClientSampleId :
PB143106BS

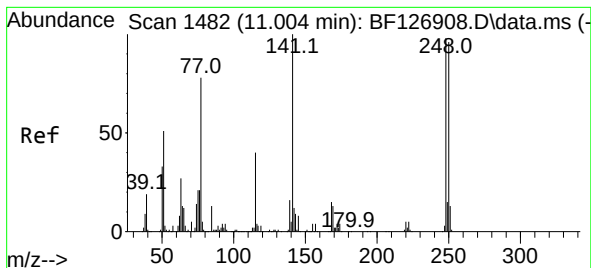
Tgt Ion:198 Resp: 88287
Ion Ratio Lower Upper
198 100
51 54.8 32.0 72.0
105 51.1 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 49.325 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:169 Resp: 507404
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.0
167 35.9 29.4 44.0

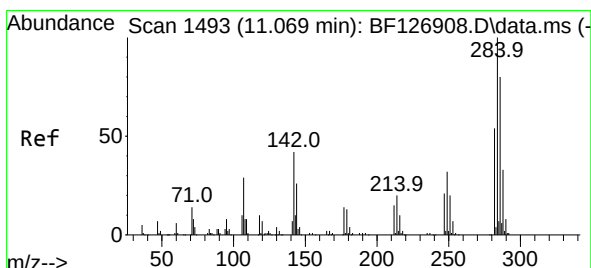
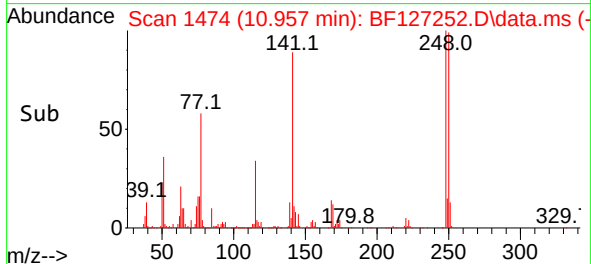
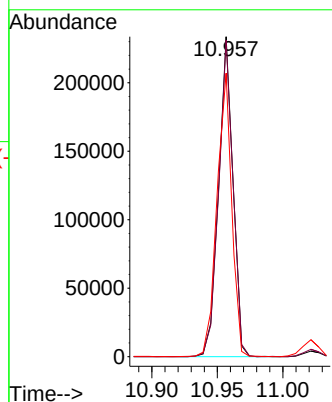
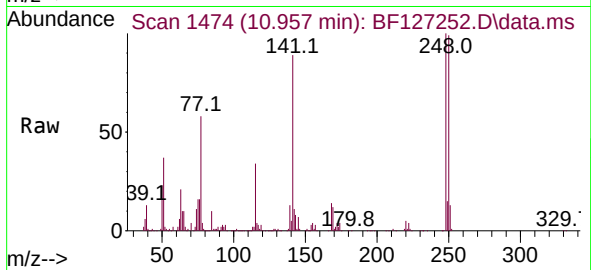




#67
4-Bromophenyl-phenylether
Concen: 50.753 ng
RT: 10.957 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

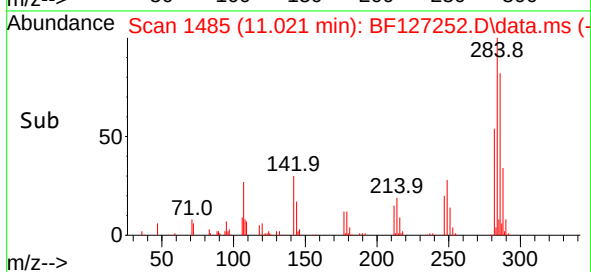
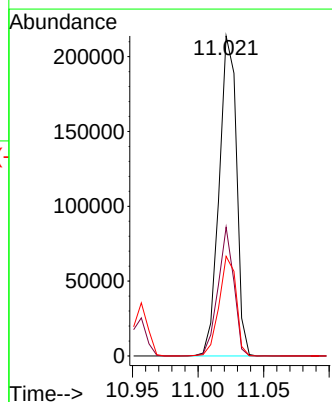
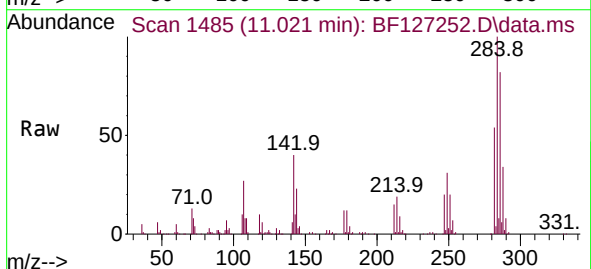
Instrument :
BNA_F
ClientSampleId :
PB143106BS

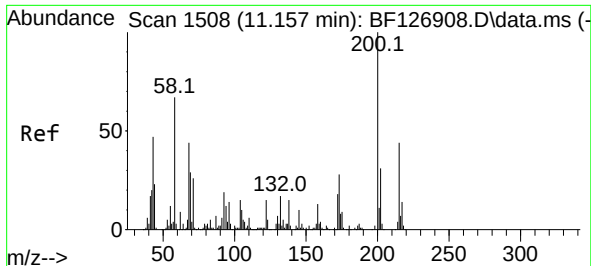
Tgt Ion:248 Resp: 177897
Ion Ratio Lower Upper
248 100
250 98.9 76.2 114.4
141 88.6 66.2 99.4



#68
Hexachlorobenzene
Concen: 52.049 ng
RT: 11.021 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:284 Resp: 196402
Ion Ratio Lower Upper
284 100
142 40.2 30.7 46.1
249 31.2 21.1 31.7

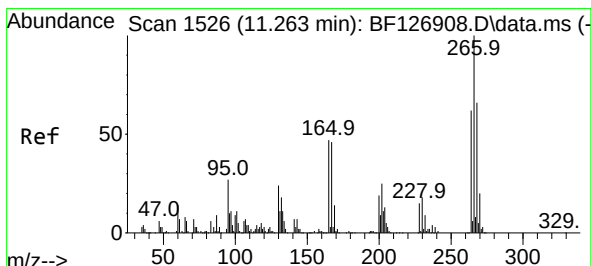
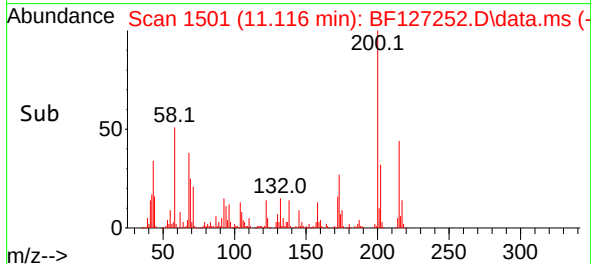
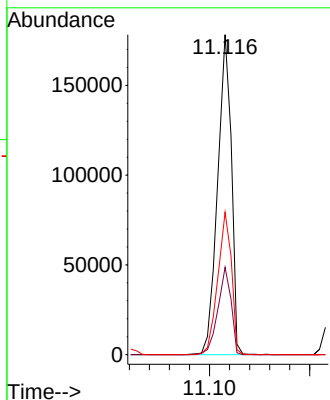
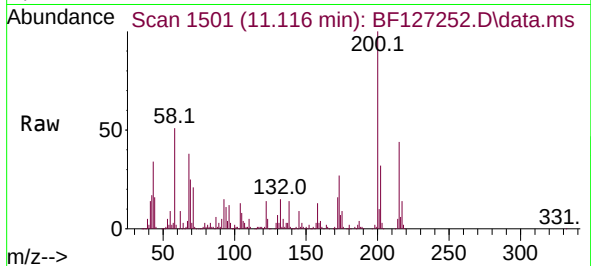




#69
Atrazine
Concen: 52.993 ng
RT: 11.116 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

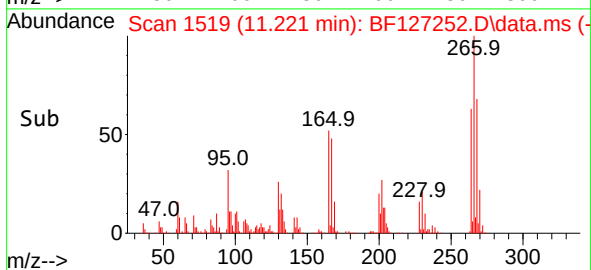
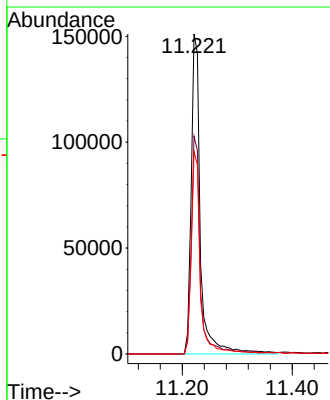
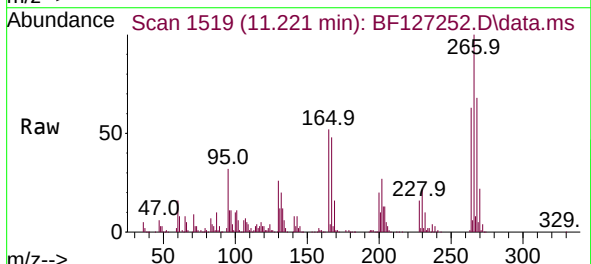
Instrument :
BNA_F
ClientSampleId :
PB143106BS

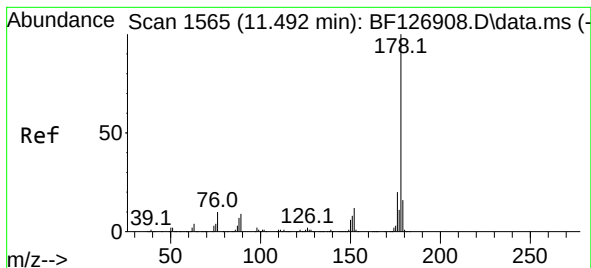
Tgt Ion:200 Resp: 169076
Ion Ratio Lower Upper
200 100
173 27.3 9.2 49.2
215 44.5 23.2 63.2



#70
Pentachlorophenol
Concen: 84.815 ng
RT: 11.221 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:266 Resp: 174705
Ion Ratio Lower Upper
266 100
268 68.0 52.3 78.5
264 63.2 50.4 75.6





#71

Phenanthrene

Concen: 47.210 ng

RT: 11.445 min Scan# 1557

Delta R.T. 0.006 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB143106BS

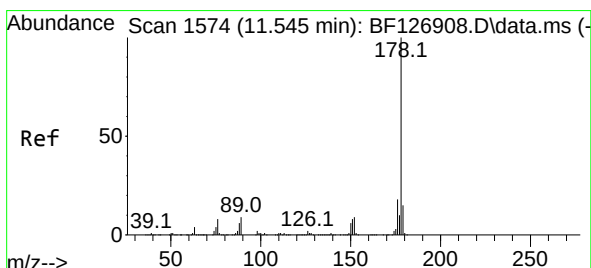
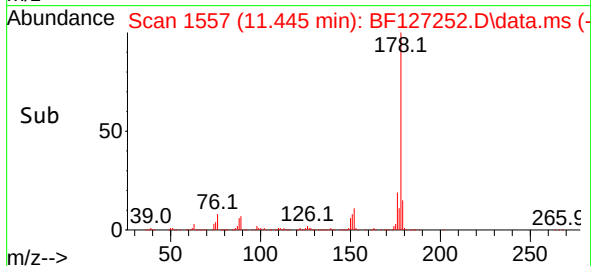
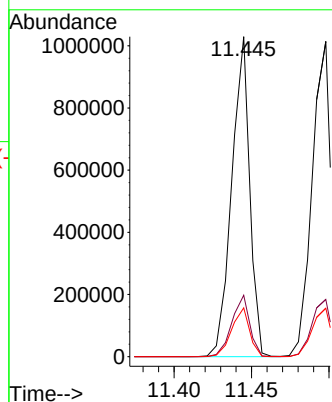
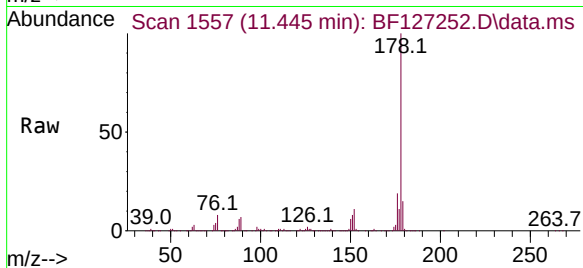
Tgt Ion:178 Resp: 828972

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.3 12.3 18.5



#72

Anthracene

Concen: 49.102 ng

RT: 11.498 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

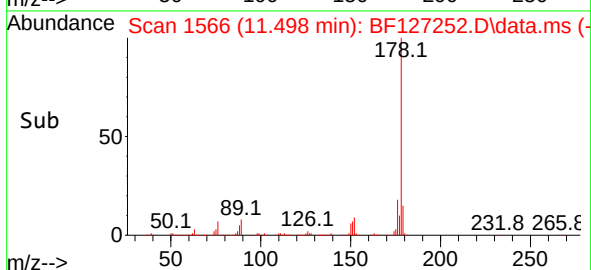
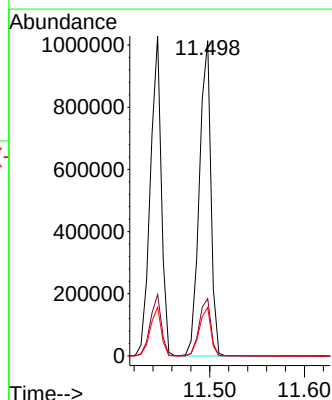
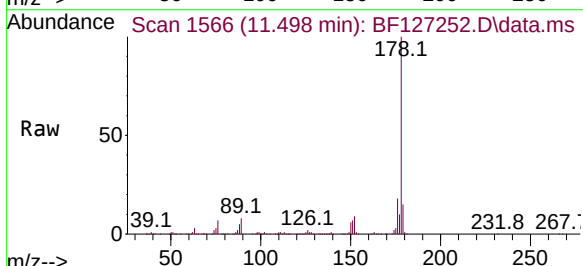
Tgt Ion:178 Resp: 858328

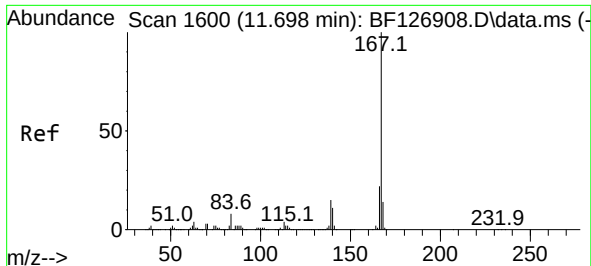
Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.6

179 15.4 12.5 18.7

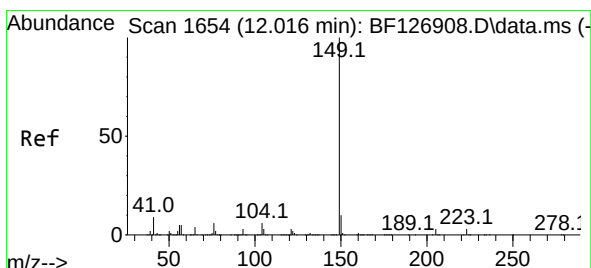
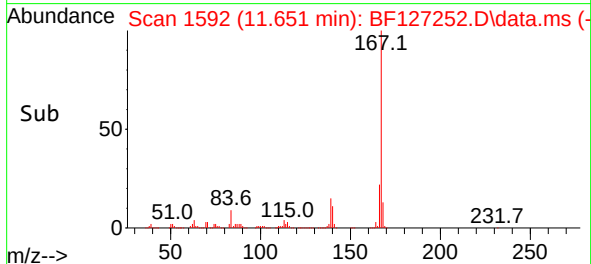
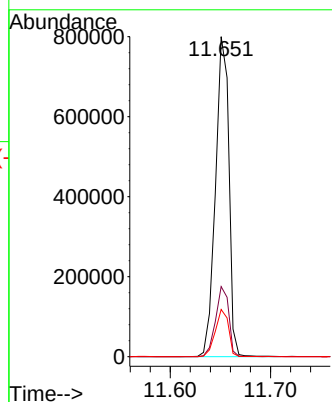
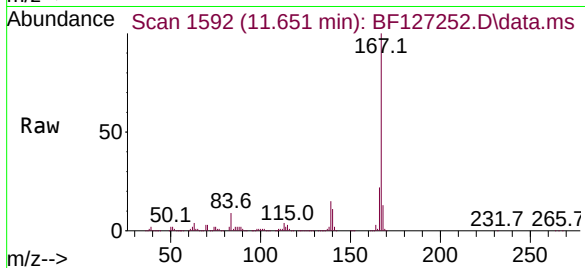




#73
Carbazole
Concen: 46.376 ng
RT: 11.651 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

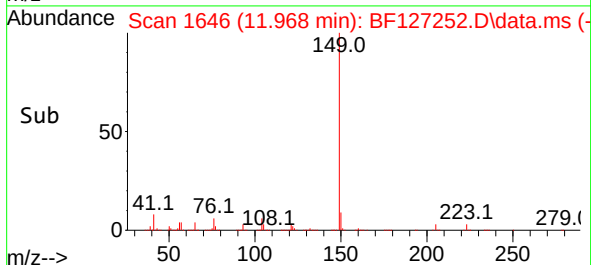
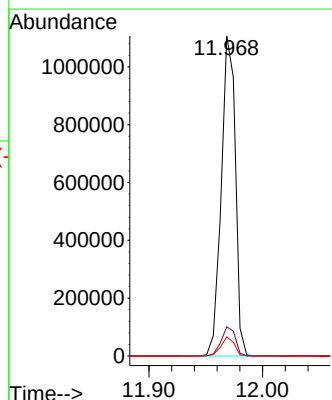
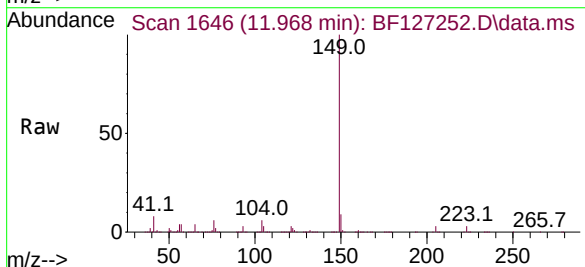
Instrument :
BNA_F
ClientSampleId :
PB143106BS

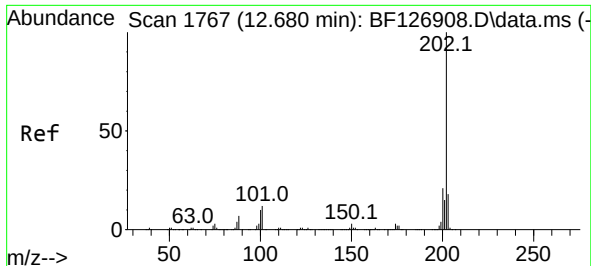
Tgt Ion:167 Resp: 743425
Ion Ratio Lower Upper
167 100
166 21.9 16.9 25.3
139 14.8 11.3 16.9



#74
Di-n-butylphthalate
Concen: 46.455 ng
RT: 11.968 min Scan# 1646
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:149 Resp: 957368
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 5.9 4.2 6.2

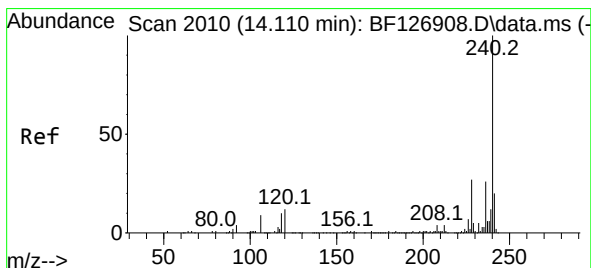
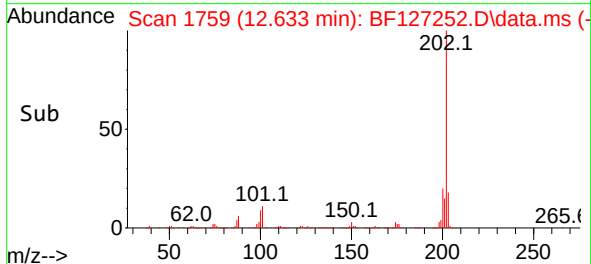
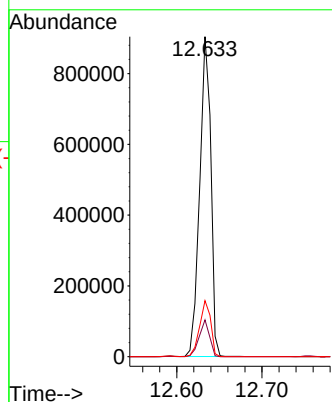
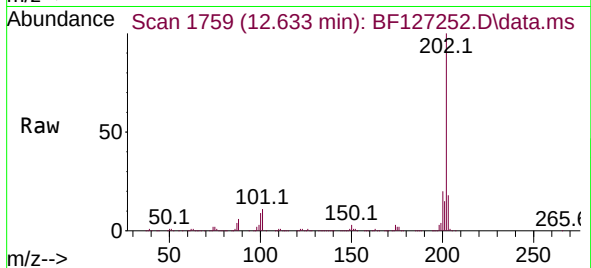




#75
Fluoranthene
Concen: 49.165 ng
RT: 12.633 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

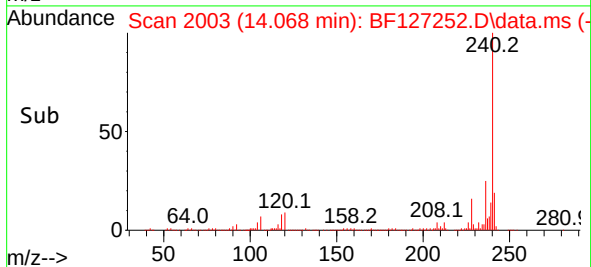
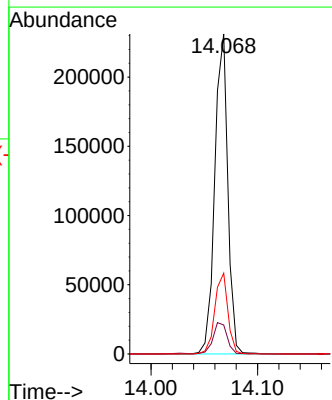
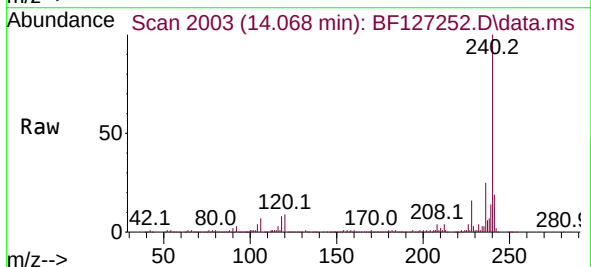
Instrument :
BNA_F
ClientSampleId :
PB143106BS

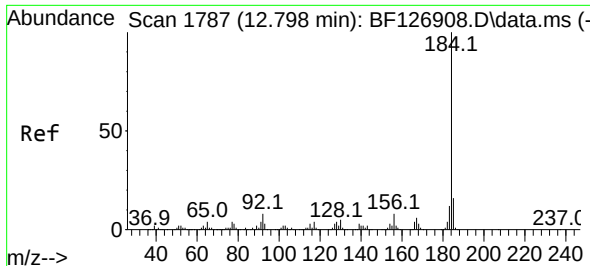
Tgt Ion:202 Resp: 819713
Ion Ratio Lower Upper
202 100
101 11.5 0.0 35.7
203 17.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:240 Resp: 195754
Ion Ratio Lower Upper
240 100
120 9.1 14.4 21.6#
236 25.3 20.5 30.7

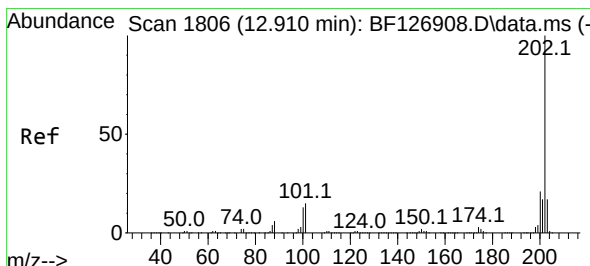
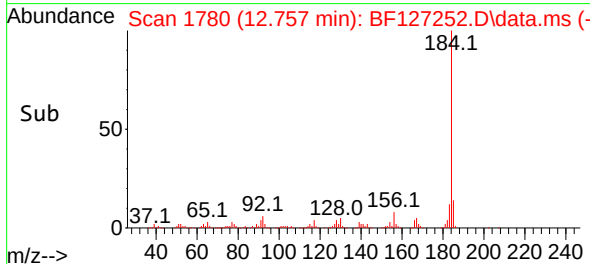
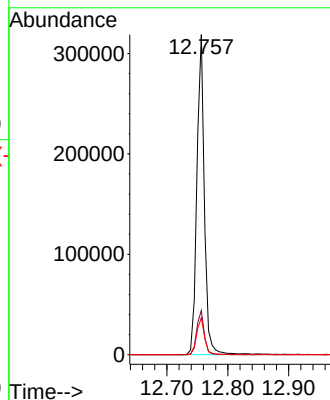
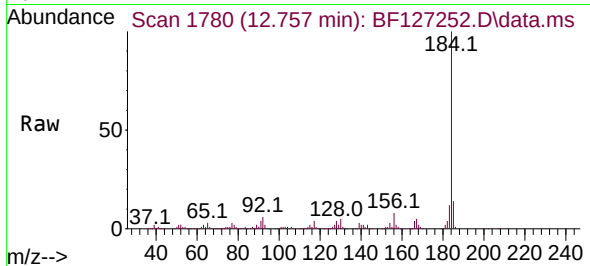




#77
Benzidine
Concen: 51.411 ng
RT: 12.757 min Scan# 1798
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

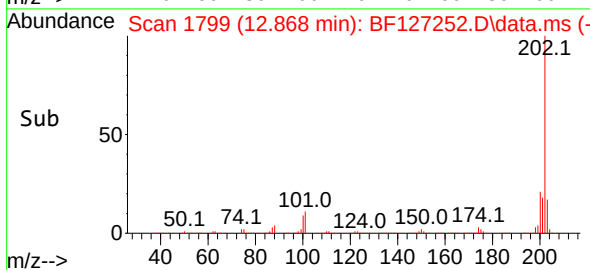
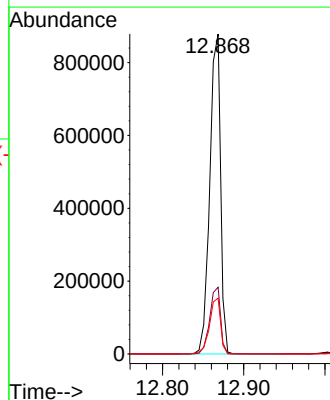
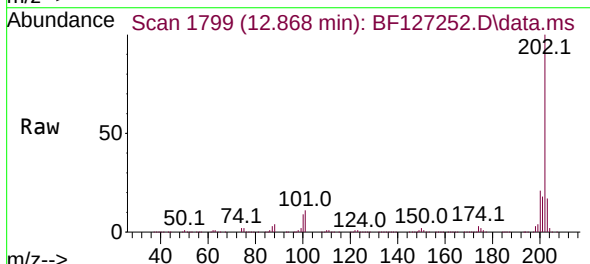
Instrument :
BNA_F
ClientSampleId :
PB143106BS

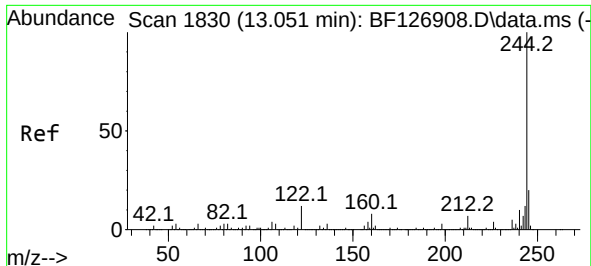
Tgt Ion:184 Resp: 273492
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.8
183 11.6 8.2 12.2



#78
Pyrene
Concen: 47.543 ng
RT: 12.868 min Scan# 1799
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:202 Resp: 808558
Ion Ratio Lower Upper
202 100
200 20.8 16.6 24.8
203 17.5 13.8 20.8

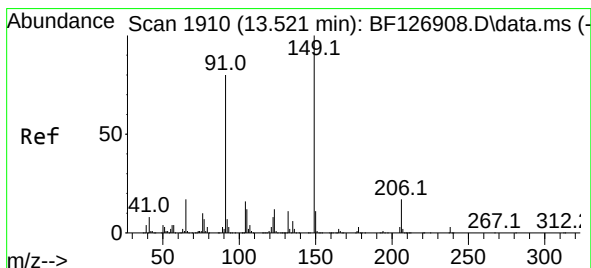
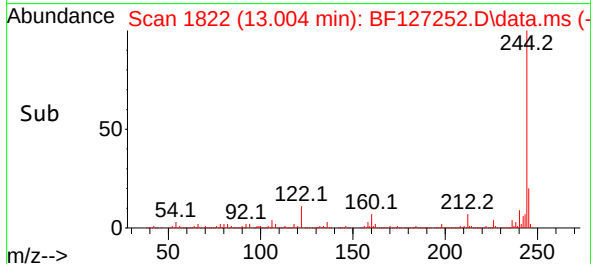
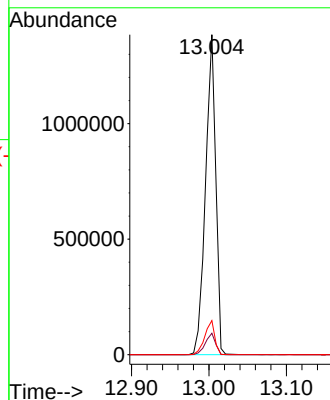
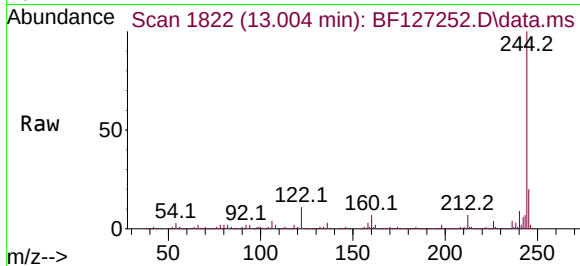




#79
 Terphenyl-d14
 Concen: 95.179 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF127252.D
 Acq: 08 Mar 2022 11:52

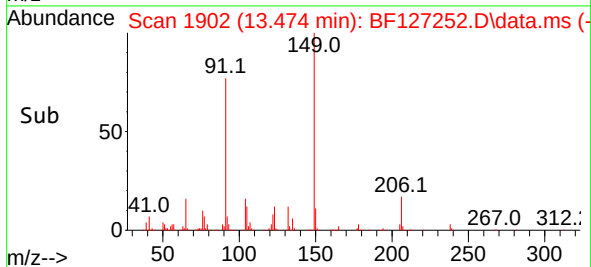
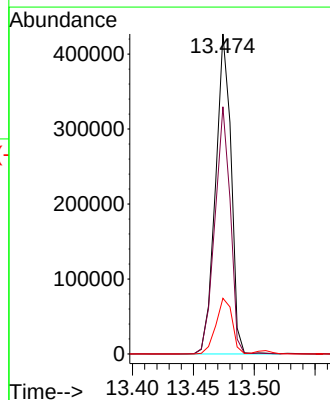
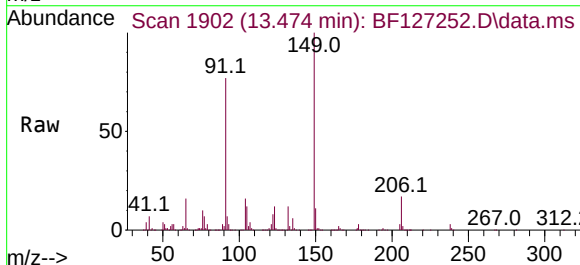
Instrument :
 BNA_F
 ClientSampleId :
 PB143106BS

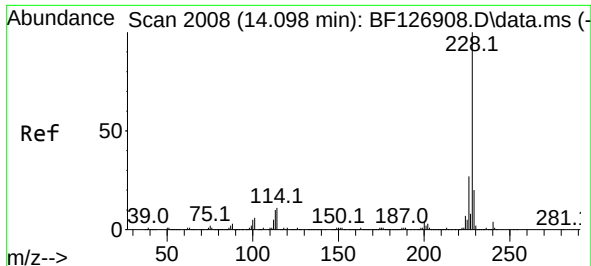
Tgt Ion:244 Resp: 1267432
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.7 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 47.176 ng
 RT: 13.474 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: BF127252.D
 Acq: 08 Mar 2022 11:52

Tgt Ion:149 Resp: 379828
 Ion Ratio Lower Upper
 149 100
 91 77.3 70.5 105.7
 206 17.4 12.6 19.0

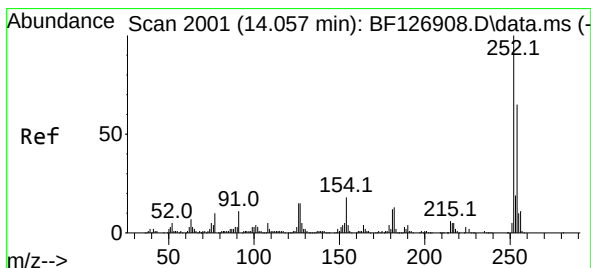
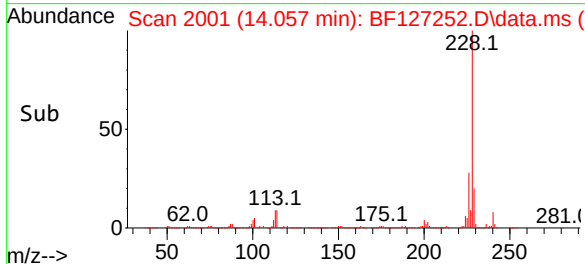
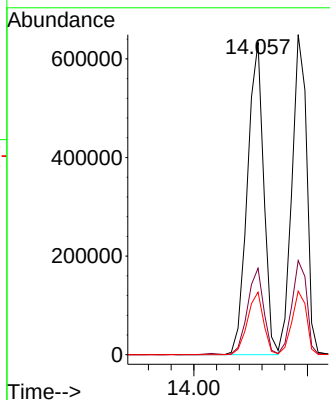
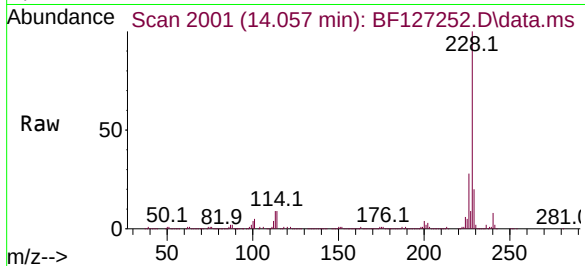




#81
Benzo(a)anthracene
Concen: 48.119 ng
RT: 14.057 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

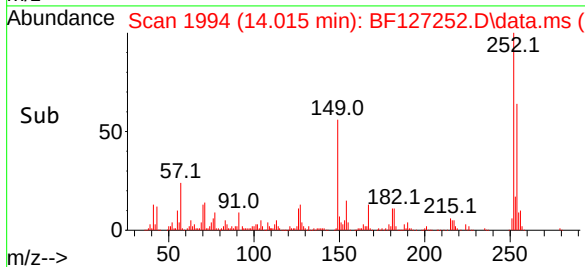
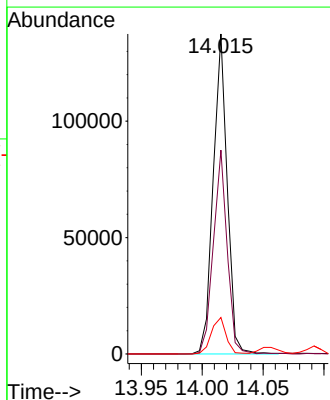
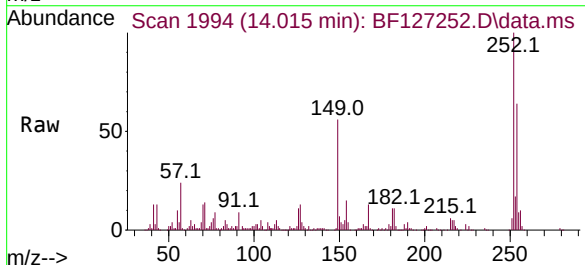
Instrument :
BNA_F
ClientSampleId :
PB143106BS

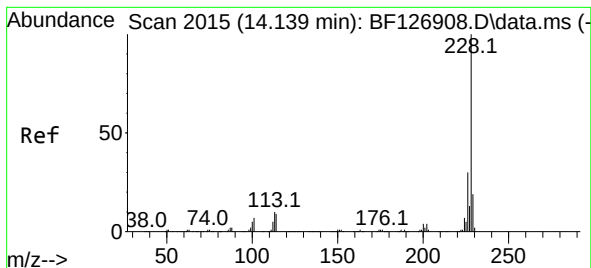
Tgt Ion:228 Resp: 635032
Ion Ratio Lower Upper
228 100
226 27.7 21.4 32.0
229 20.0 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 26.368 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF127252.D
Acq: 08 Mar 2022 11:52

Tgt Ion:252 Resp: 109665
Ion Ratio Lower Upper
252 100
254 63.7 51.0 76.4
126 11.4 13.4 20.0#





#83

Chrysene

Concen: 46.985 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB143106BS

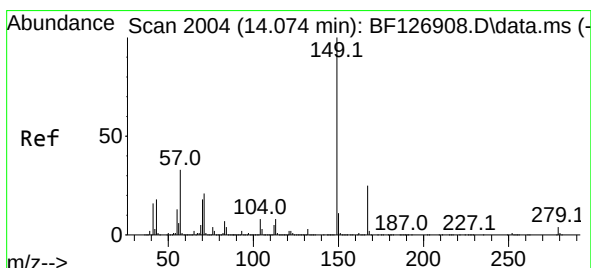
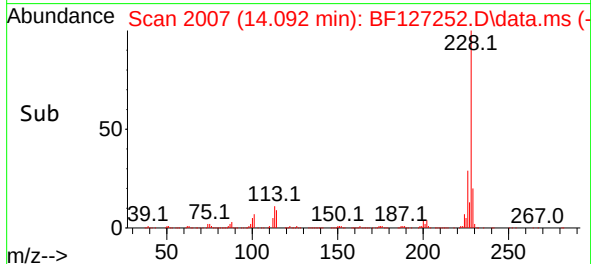
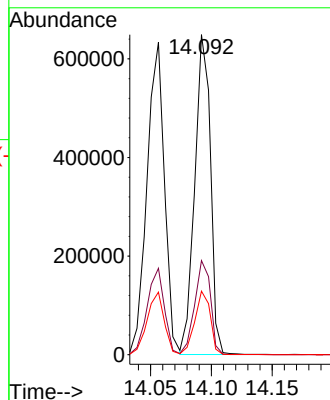
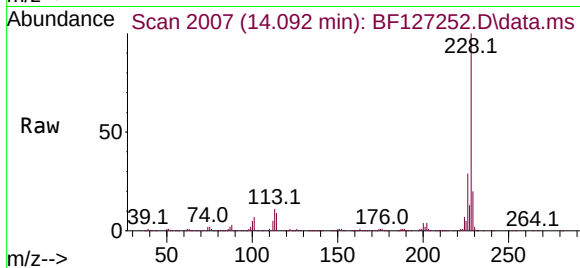
Tgt Ion:228 Resp: 583082

Ion Ratio Lower Upper

228 100

226 29.4 23.7 35.5

229 19.9 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.672 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.000 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

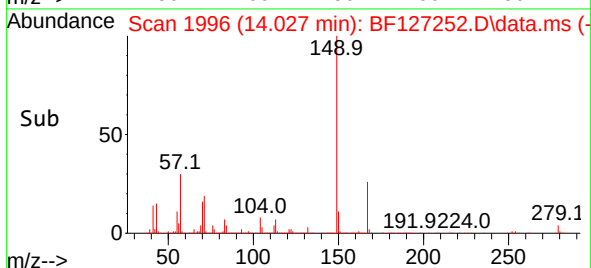
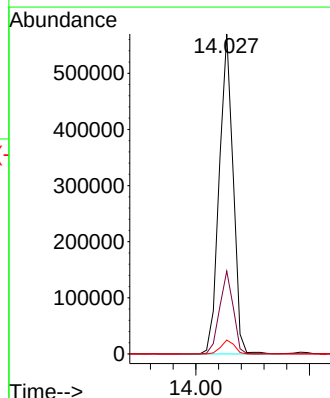
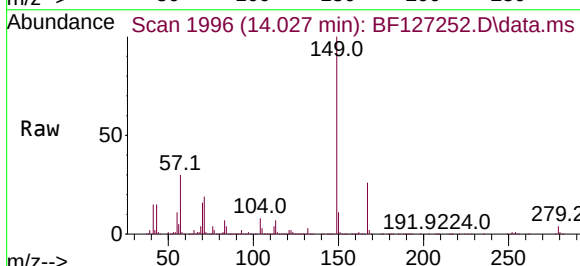
Tgt Ion:149 Resp: 482772

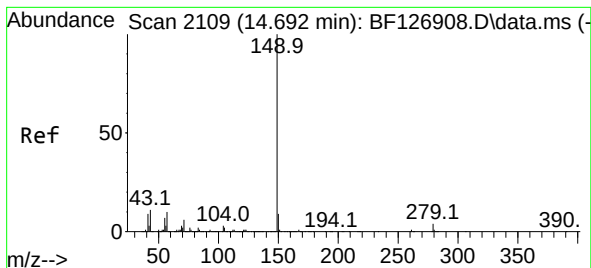
Ion Ratio Lower Upper

149 100

167 25.9 21.4 32.2

279 4.4 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 45.941 ng

RT: 14.645 min Scan# 2101

Delta R.T. 0.006 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB143106BS

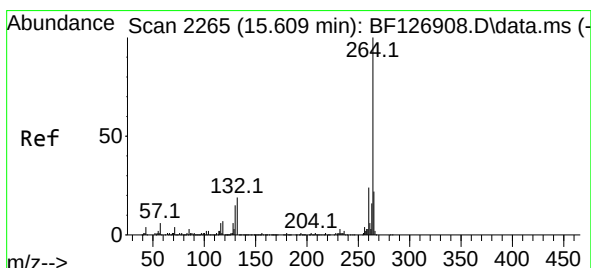
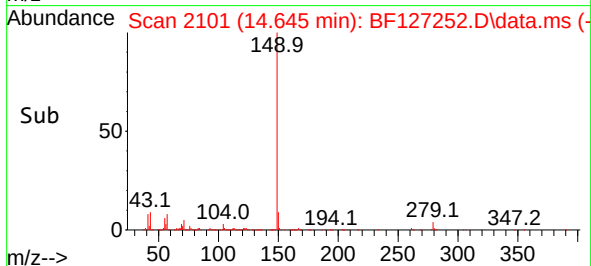
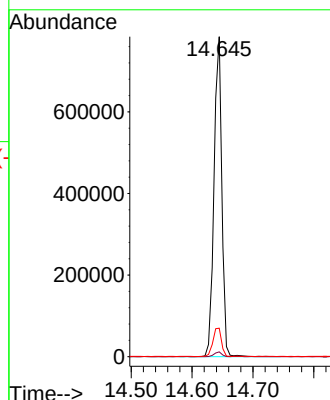
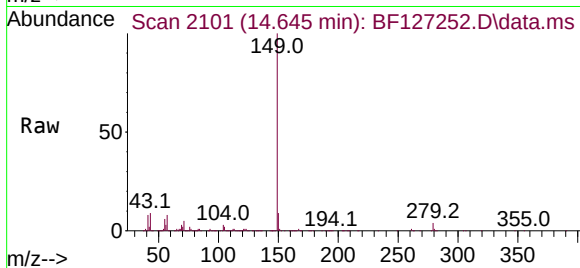
Tgt Ion:149 Resp: 699187

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 9.8 9.9 14.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 2256

Delta R.T. 0.012 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

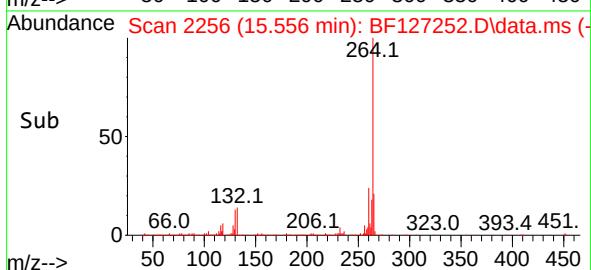
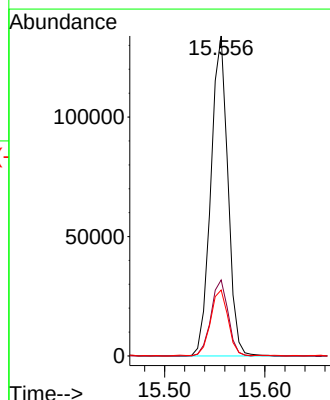
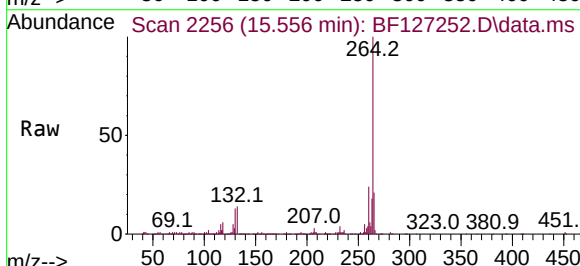
Tgt Ion:264 Resp: 158332

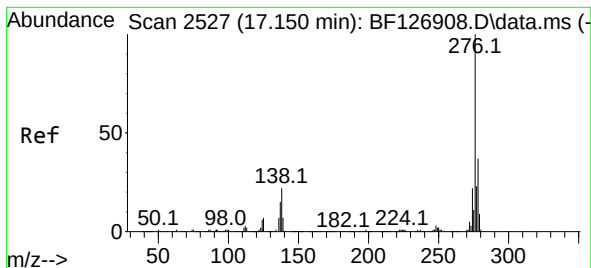
Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.599 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB143106BS

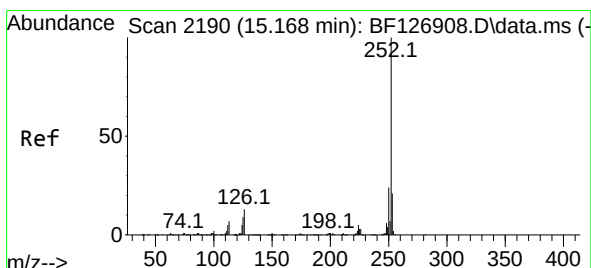
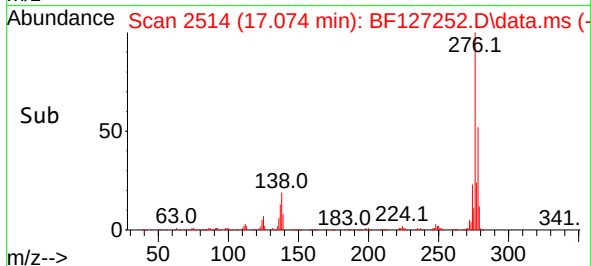
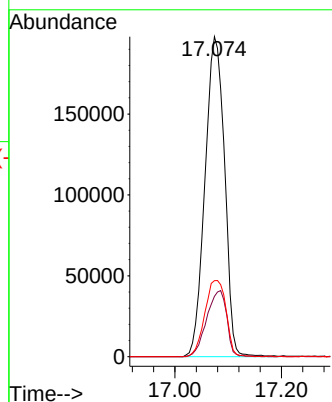
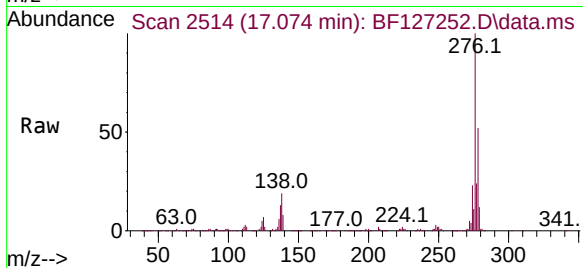
Tgt Ion:276 Resp: 504556

Ion Ratio Lower Upper

276 100

138 21.2 29.2 43.8#

277 25.8 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 50.815 ng

RT: 15.115 min Scan# 2181

Delta R.T. 0.006 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

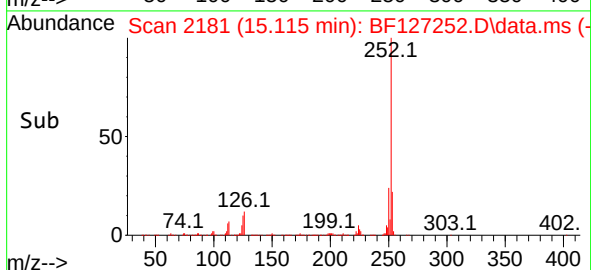
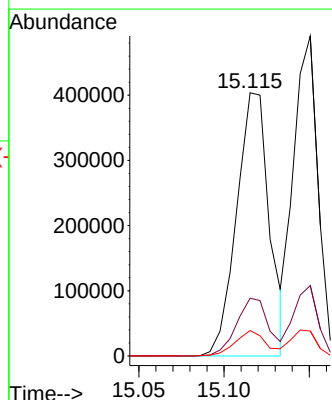
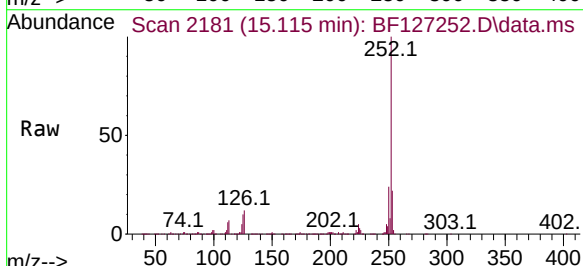
Tgt Ion:252 Resp: 540372

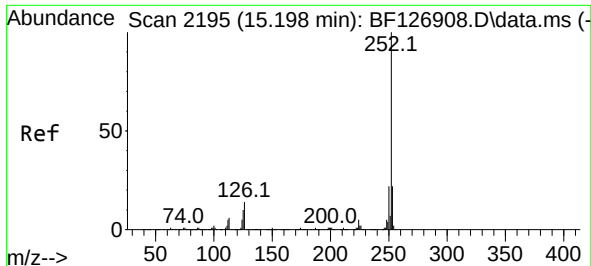
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 9.7 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 47.597 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB143106BS

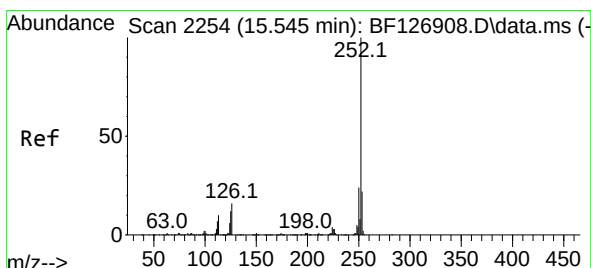
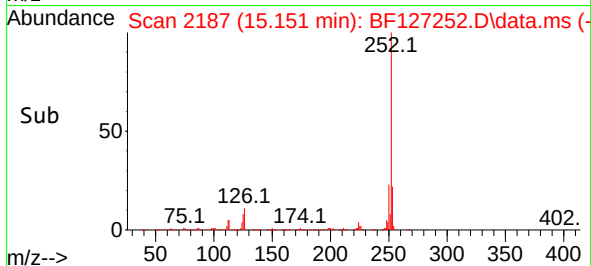
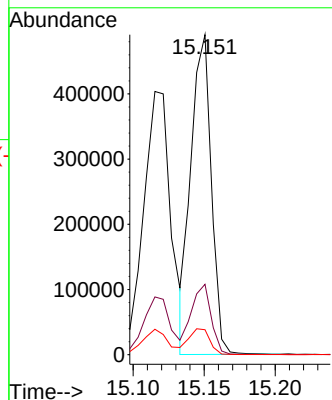
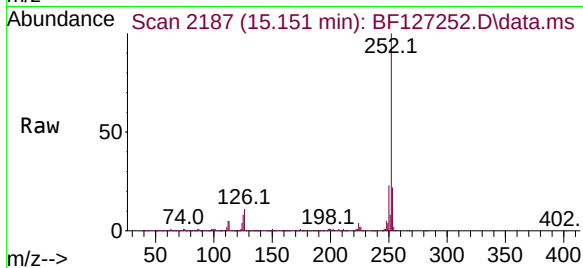
Tgt Ion:252 Resp: 488200

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 7.8 11.8 17.6#



#90

Benzo(a)pyrene

Concen: 57.291 ng

RT: 15.492 min Scan# 2245

Delta R.T. 0.006 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

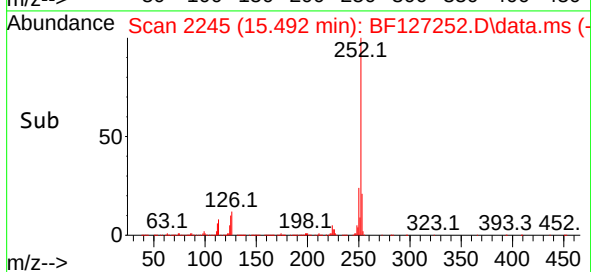
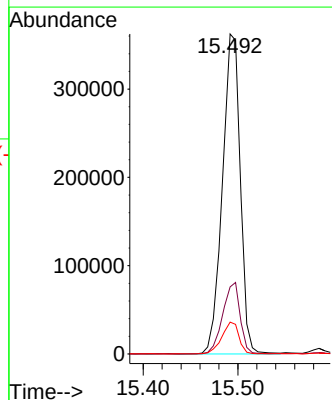
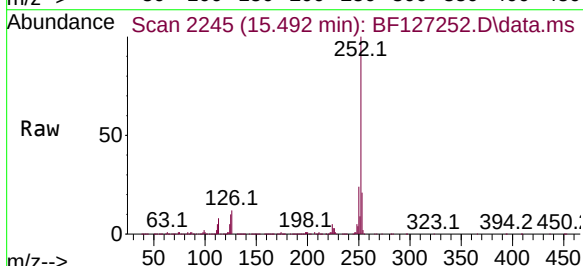
Tgt Ion:252 Resp: 475880

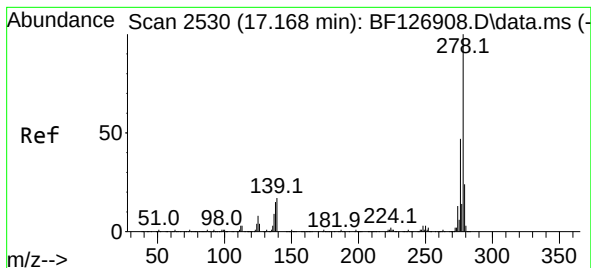
Ion Ratio Lower Upper

252 100

253 21.0 17.1 25.7

125 10.0 13.0 19.6#





#91

Dibenzo(a,h)anthracene

Concen: 51.830 ng

RT: 17.092 min Scan# 2517

Delta R.T. 0.017 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Instrument :

BNA_F

ClientSampleId :

PB143106BS

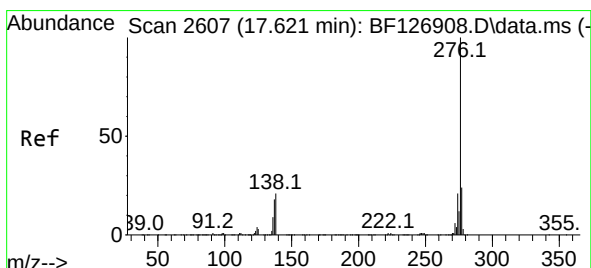
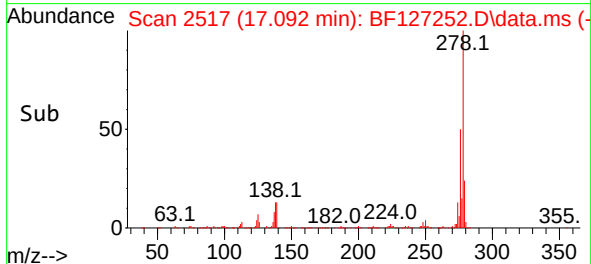
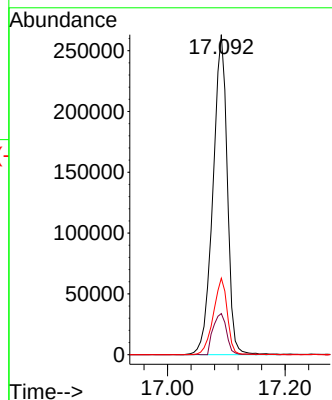
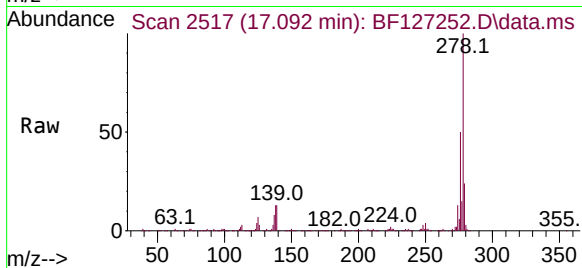
Tgt Ion:278 Resp: 445040

Ion Ratio Lower Upper

278 100

139 12.9 18.0 27.0#

279 23.9 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 51.082 ng

RT: 17.539 min Scan# 2593

Delta R.T. 0.017 min

Lab File: BF127252.D

Acq: 08 Mar 2022 11:52

Tgt Ion:276 Resp: 432410

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 18.6 25.9 38.9#

