

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128262.D
 Acq On : 16 May 2022 12:10
 Operator : CG\JU
 Sample : N2775-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-35MSD

Quant Time: May 16 15:30:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	70513	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	266706	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	153189	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	293543	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	194652	20.000	ng	0.00
86) Perylene-d12	15.557	264	169451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	511970	115.745	ng	0.02
7) Phenol-d6	6.522	99	620951	106.137	ng	0.00
23) Nitrobenzene-d5	7.457	82	528904	89.233	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	233876	133.119	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	856212	87.455	ng	0.00
79) Terphenyl-d14	13.004	244	1060356	102.217	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	80519	40.921	ng	# 83
3) Pyridine	3.581	79	188773	36.162	ng	97
4) n-Nitrosodimethylamine	3.534	42	125512	48.233	ng	91
6) Aniline	6.551	93	133031	20.135	ng	90
8) 2-Chlorophenol	6.675	128	216954	48.156	ng	99
9) Benzaldehyde	6.445	77	80593	22.910	ng	98
10) Phenol	6.534	94	238349	38.633	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	222564	48.169	ng	97
12) 1,3-Dichlorobenzene	6.828	146	216819	42.758	ng	97
13) 1,4-Dichlorobenzene	6.904	146	219691	42.876	ng	97
14) 1,2-Dichlorobenzene	7.057	146	212350	43.979	ng	100
15) Benzyl Alcohol	7.034	79	224125	48.477	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	309256	45.136	ng	95
17) 2-Methylphenol	7.140	107	172422	45.111	ng	96
18) Hexachloroethane	7.392	117	83120	42.939	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	170653	47.366	ng	97
20) 3+4-Methylphenols	7.292	107	207698	43.887	ng	# 74
22) Acetophenone	7.298	105	318107	47.899	ng	# 90
24) Nitrobenzene	7.475	77	271390	49.610	ng	99
25) Isophorone	7.710	82	478740	51.519	ng	99
26) 2-Nitrophenol	7.787	139	114502	47.667	ng	96
27) 2,4-Dimethylphenol	7.822	122	185059	49.982	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	276441	47.062	ng	99
29) 2,4-Dichlorophenol	8.028	162	183687	47.190	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	201959	45.271	ng	99
31) Naphthalene	8.192	128	605735	45.987	ng	100
32) Benzoic acid	7.939	122	59408	21.456	ng	96
33) 4-Chloroaniline	8.239	127	64393	12.315	ng	96
34) Hexachlorobutadiene	8.298	225	129527	43.239	ng	98
35) Caprolactam	8.622	113	26641	20.967	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	206834	47.557	ng	97
37) 2-Methylnaphthalene	8.881	142	422126	47.534	ng	98
38) 1-Methylnaphthalene	8.981	142	399027	46.784	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	211020	46.699	ng	98
41) Hexachlorocyclopentadiene	9.028	237	148221	72.297	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	136372	46.843	ng	99

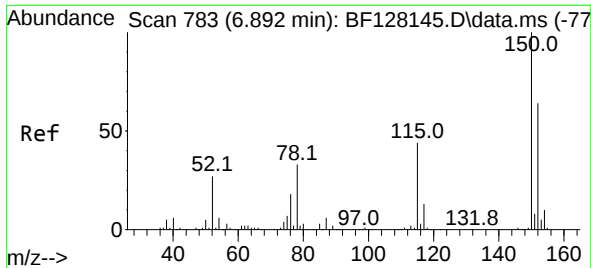
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 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	145838	46.982	ng	96
46) 1,1'-Biphenyl	9.345	154	530457	47.565	ng	100
47) 2-Chloronaphthalene	9.375	162	392714	47.511	ng	98
48) 2-Nitroaniline	9.475	65	151611	51.160	ng	91
49) Acenaphthylene	9.792	152	635650	50.843	ng	100
50) Dimethylphthalate	9.651	163	470699	47.615	ng	99
51) 2,6-Dinitrotoluene	9.716	165	110698	51.048	ng	90
52) Acenaphthene	9.963	154	379982	43.835	ng	99
53) 3-Nitroaniline	9.886	138	57514	24.464	ng	96
54) 2,4-Dinitrophenol	9.998	184	63554	52.977	ng #	72
55) Dibenzofuran	10.133	168	575028	46.721	ng	97
56) 4-Nitrophenol	10.057	139	130889	79.679	ng	83
57) 2,4-Dinitrotoluene	10.128	165	147246	50.780	ng #	83
58) Fluorene	10.480	166	463942	48.395	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	123867	46.693	ng	99
60) Diethylphthalate	10.345	149	478155	48.480	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	224856	47.032	ng	99
62) 4-Nitroaniline	10.510	138	104525	43.858	ng	90
63) Azobenzene	10.628	77	510509	47.268	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	59568	32.424	ng	90
66) n-Nitrosodiphenylamine	10.592	169	401875	46.975	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	144592	45.784	ng	99
68) Hexachlorobenzene	11.028	284	163395	47.298	ng	92
69) Atrazine	11.116	200	144941	50.225	ng	95
70) Pentachlorophenol	11.228	266	151530	90.378	ng	97
71) Phenanthrene	11.445	178	698119	47.762	ng	100
72) Anthracene	11.498	178	711764	48.773	ng	99
73) Carbazole	11.657	167	637883	45.966	ng	99
74) Di-n-butylphthalate	11.975	149	738404	46.220	ng	100
75) Fluoranthene	12.639	202	736971	46.506	ng	95
77) Benzidine	12.757	184	130802	31.026	ng	97
78) Pyrene	12.869	202	745412	52.814	ng	100
80) Butylbenzylphthalate	13.474	149	276853	47.183	ng	96
81) Benzo(a)anthracene	14.057	228	585555	47.097	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	92600	33.193	ng	98
83) Chrysene	14.092	228	539674	45.492	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	355551	44.847	ng	99
85) Di-n-octyl phthalate	14.639	149	519220	40.999	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	549071	53.566	ng	96
88) Benzo(b)fluoranthene	15.121	252	507958	48.358	ng	98
89) Benzo(k)fluoranthene	15.151	252	484258	46.703	ng	99
90) Benzo(a)pyrene	15.498	252	476380	56.175	ng #	97
91) Dibenzo(a,h)anthracene	17.098	278	477725	57.567	ng #	95
92) Benzo(g,h,i)perylene	17.545	276	477827	56.867	ng	97

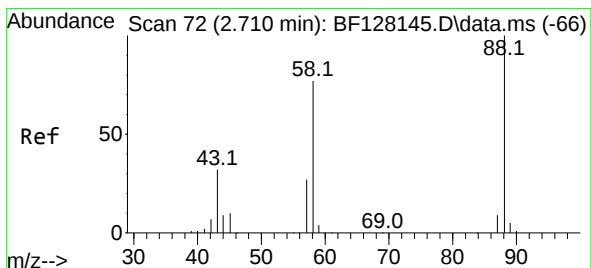
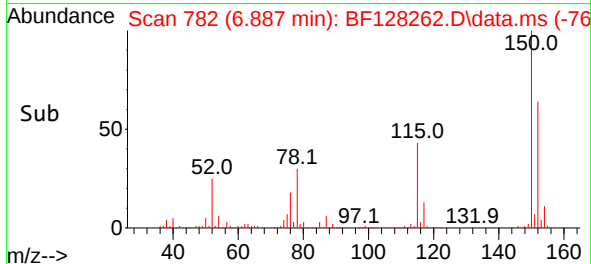
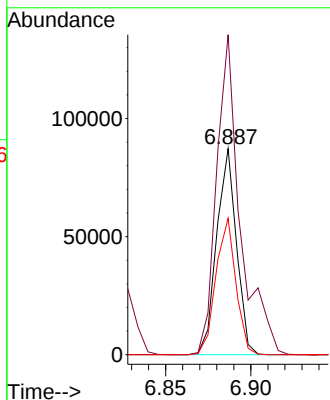
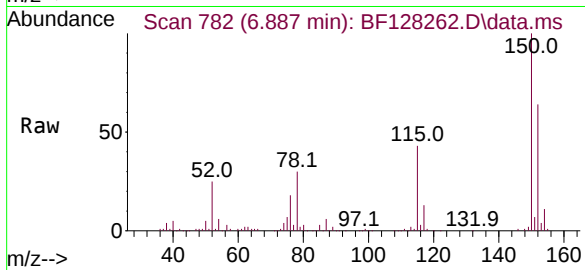
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128262.D
 Acq: 16 May 2022 12:10

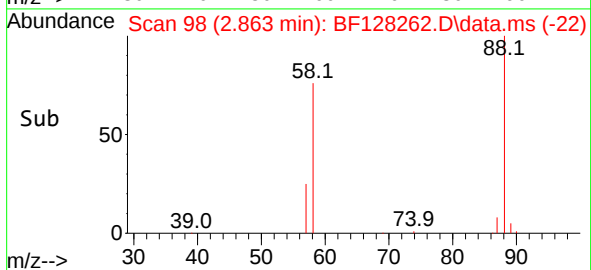
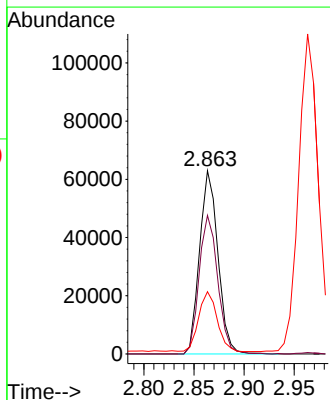
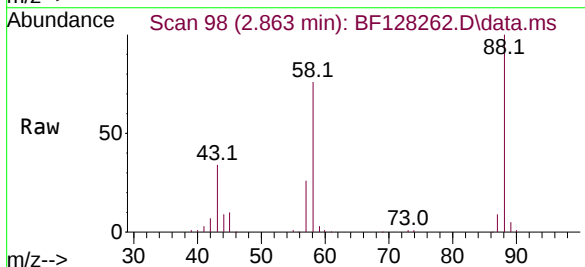
Instrument :
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 MH-35SMSD

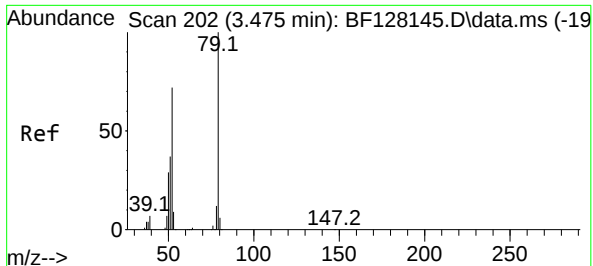
Tgt Ion:152 Resp: 70513
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.3 187.9
 115 66.1 48.8 73.2



#2
 1,4-Dioxane
 Concen: 40.921 ng
 RT: 2.863 min Scan# 98
 Delta R.T. 0.147 min
 Lab File: BF128262.D
 Acq: 16 May 2022 12:10

Tgt Ion: 88 Resp: 80519
 Ion Ratio Lower Upper
 88 100
 58 76.7 61.0 91.4
 43 0.0 24.9 37.3#

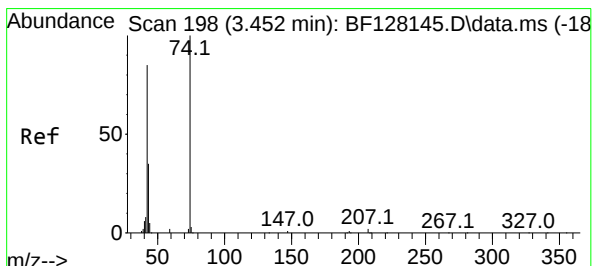
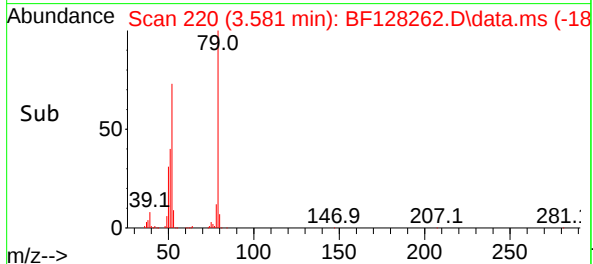
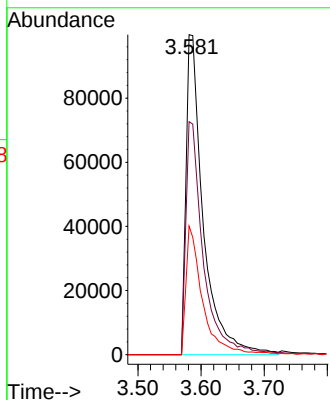
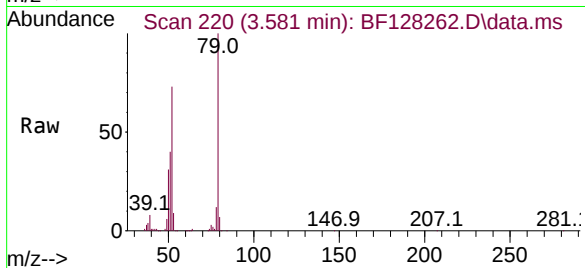




#3
Pyridine
Concen: 36.162 ng
RT: 3.581 min Scan# 212
Delta R.T. 0.100 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

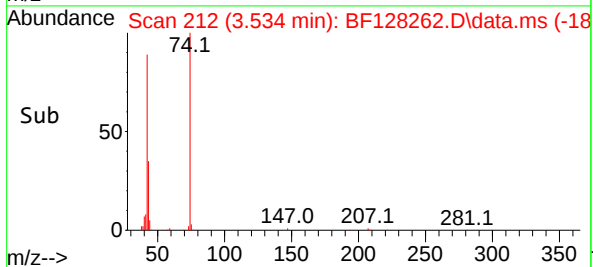
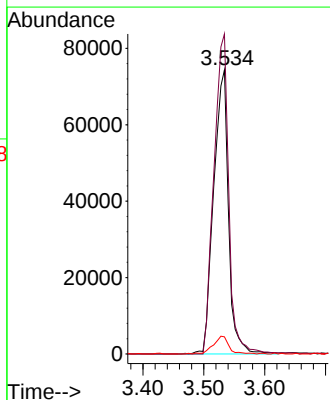
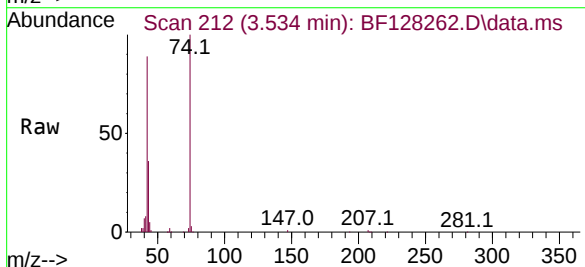
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

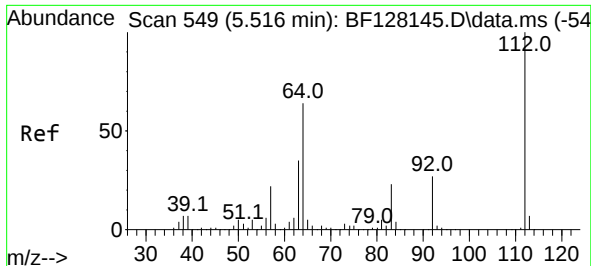
Tgt Ion: 79 Resp: 188773
Ion Ratio Lower Upper
79 100
52 72.8 58.3 87.5
51 40.2 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 48.233 ng
RT: 3.534 min Scan# 212
Delta R.T. 0.071 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion: 42 Resp: 125512
Ion Ratio Lower Upper
42 100
74 112.7 99.0 148.4
44 6.0 5.2 7.8

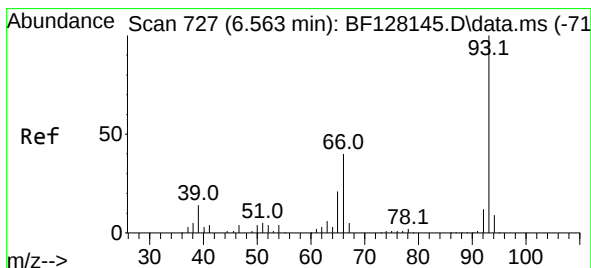
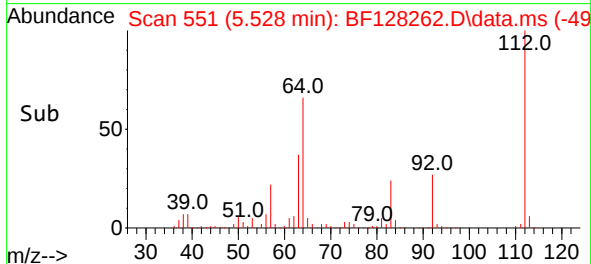
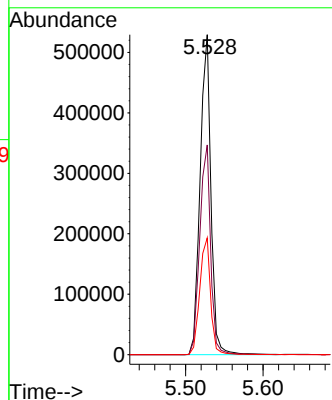
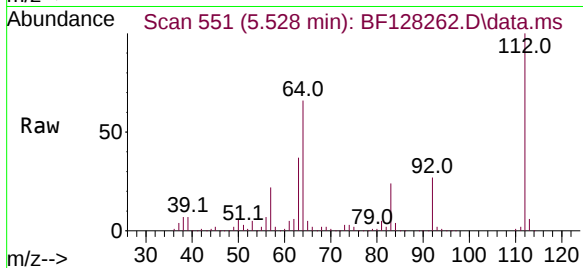




#5
2-Fluorophenol
Concen: 115.745 ng
RT: 5.528 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

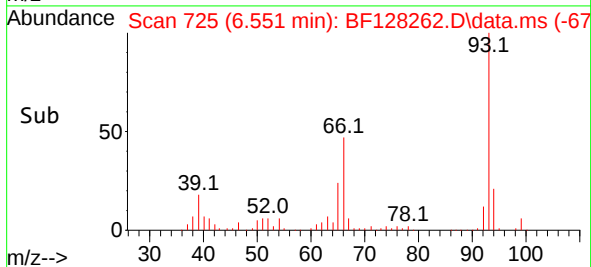
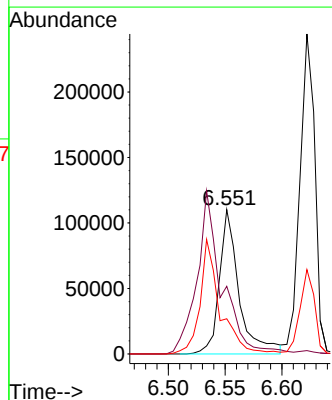
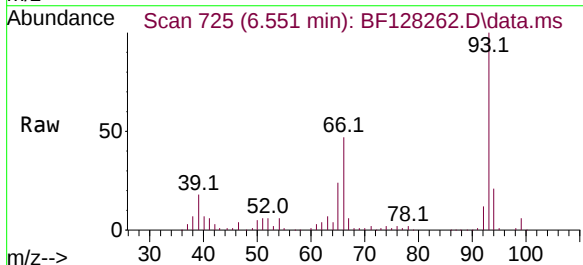
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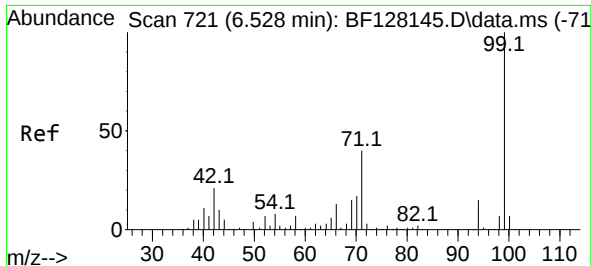
Tgt Ion:112 Resp: 511970
Ion Ratio Lower Upper
112 100
64 65.6 49.5 74.3
63 36.5 26.3 39.5



#6
Aniline
Concen: 20.135 ng
RT: 6.551 min Scan# 725
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion: 93 Resp: 133031
Ion Ratio Lower Upper
93 100
66 46.9 32.2 48.4
65 24.4 16.7 25.1

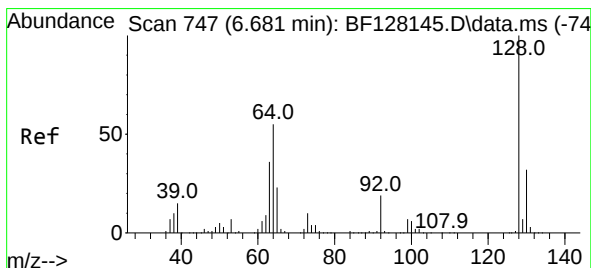
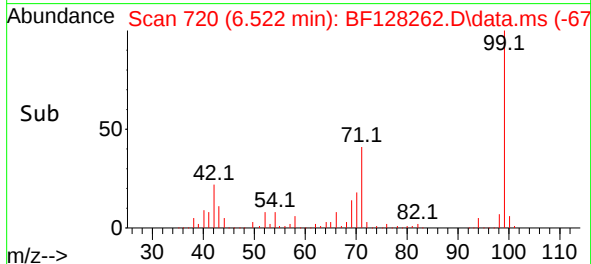
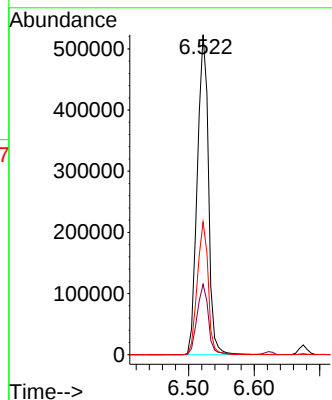
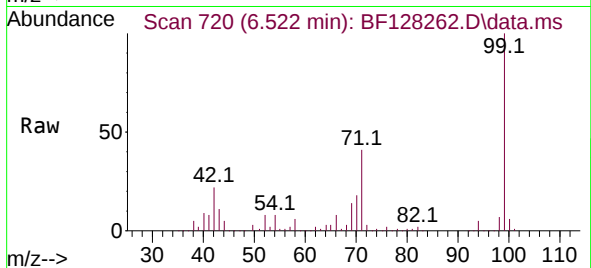




#7
Phenol-d6
Concen: 106.137 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

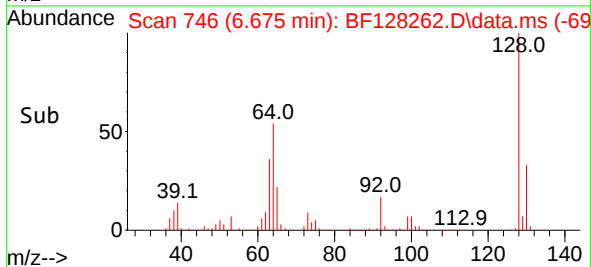
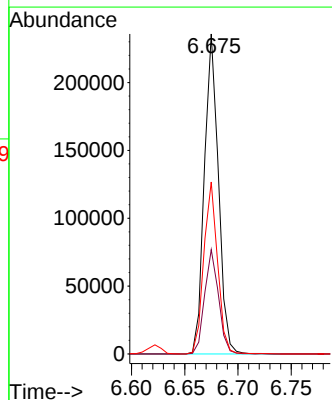
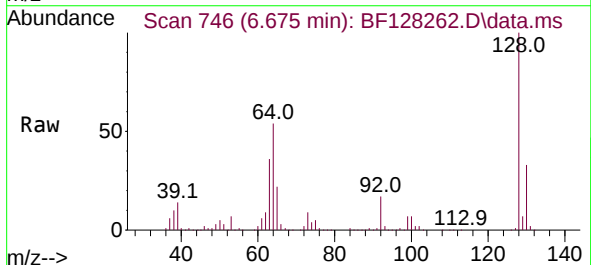
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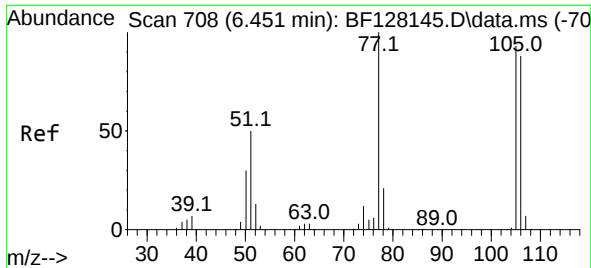
Tgt Ion: 99 Resp: 620951
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 41.5 30.0 45.0



#8
2-Chlorophenol
Concen: 48.156 ng
RT: 6.675 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:128 Resp: 216954
Ion Ratio Lower Upper
128 100
130 32.6 11.6 51.6
64 53.8 33.8 73.8

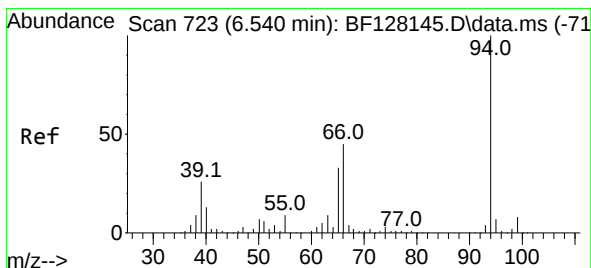
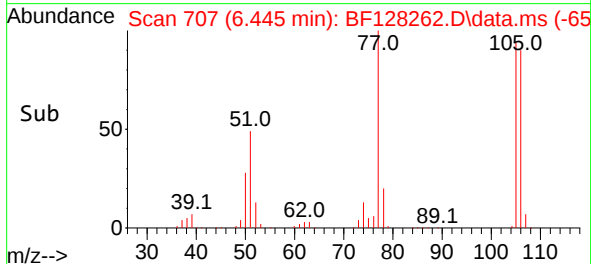
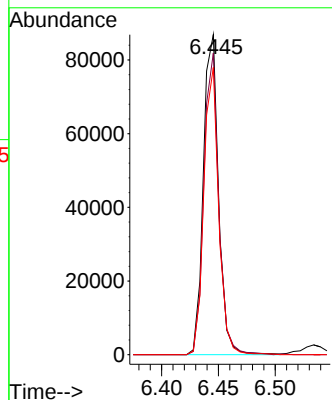
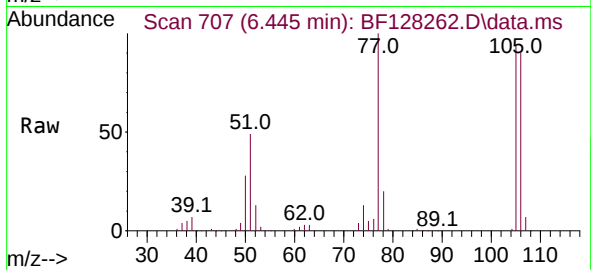




#9
Benzaldehyde
Concen: 22.910 ng
RT: 6.445 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

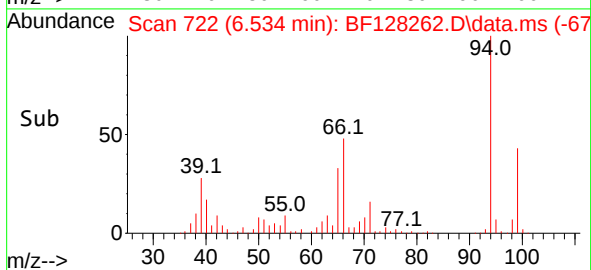
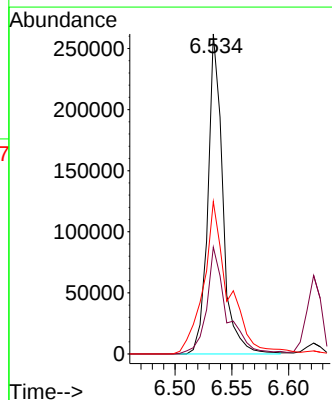
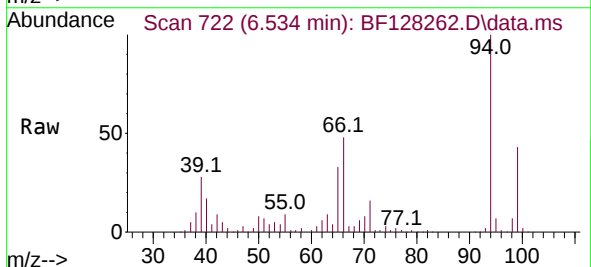
Instrument :
BNA_F
ClientSampleId :
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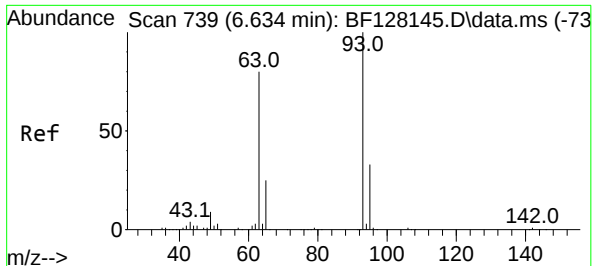
Tgt Ion: 77 Resp: 80593
Ion Ratio Lower Upper
77 100
105 94.2 74.9 114.9
106 89.8 72.2 112.2



#10
Phenol
Concen: 38.633 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion: 94 Resp: 238349
Ion Ratio Lower Upper
94 100
65 33.4 10.6 50.6
66 47.6 22.6 62.6

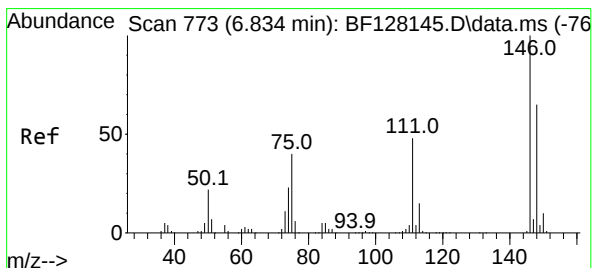
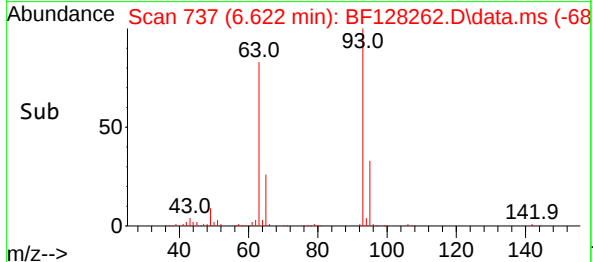
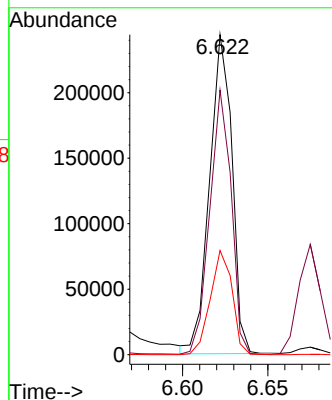
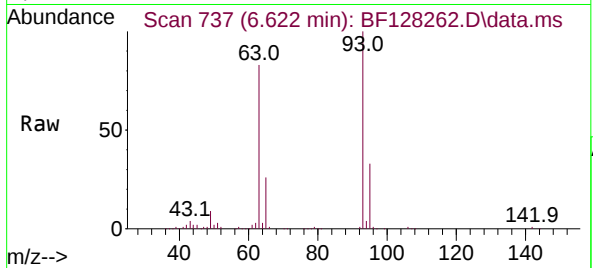




#11
bis(2-Chloroethyl)ether
Concen: 48.169 ng
RT: 6.622 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

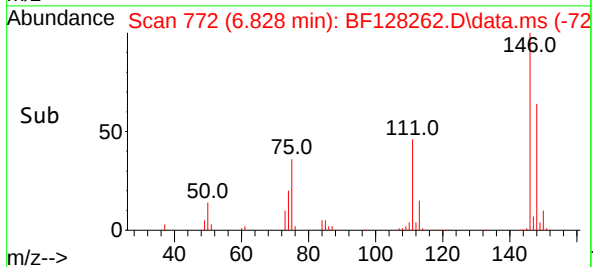
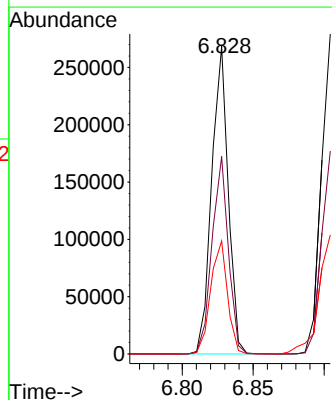
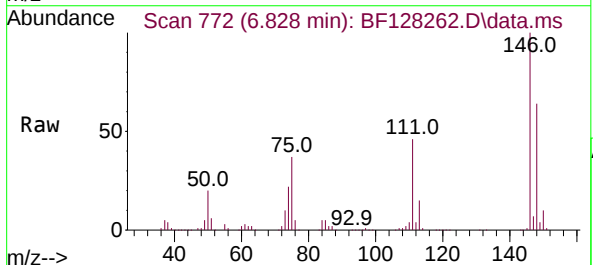
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

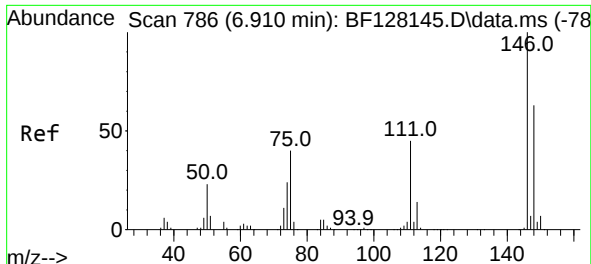
Tgt Ion: 93 Resp: 222564
Ion Ratio Lower Upper
93 100
63 82.7 58.6 98.6
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.758 ng
RT: 6.828 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:146 Resp: 216819
Ion Ratio Lower Upper
146 100
148 64.2 52.1 78.1
75 36.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 42.876 ng

RT: 6.904 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

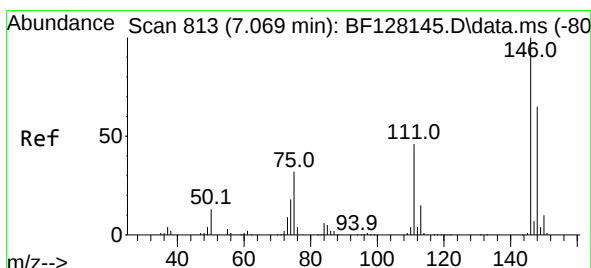
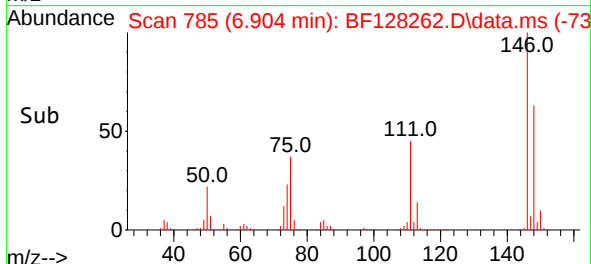
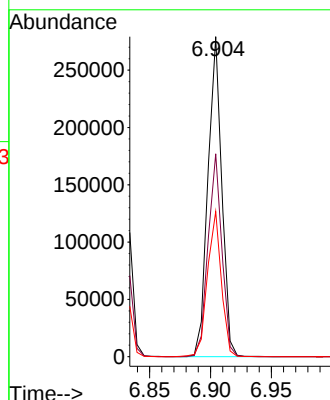
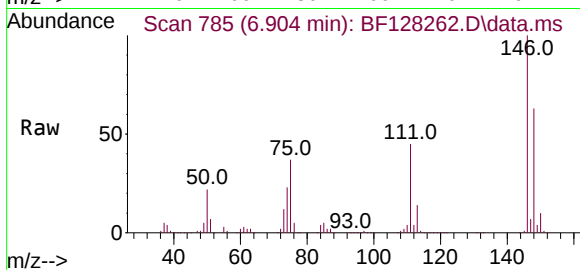
Tgt Ion:146 Resp: 219691

Ion Ratio Lower Upper

146 100

148 63.4 52.3 78.5

111 45.3 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 43.979 ng

RT: 7.057 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

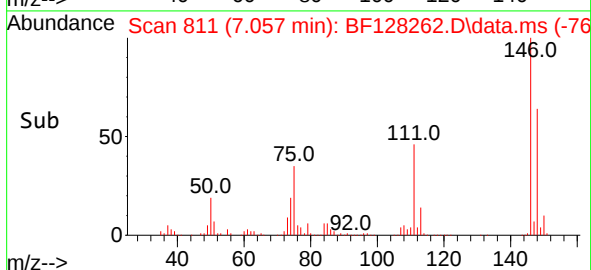
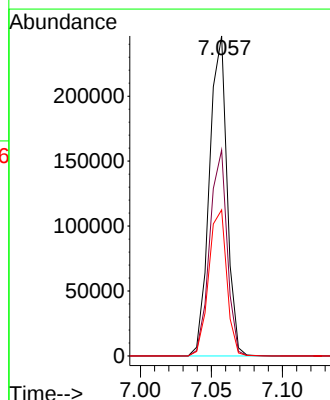
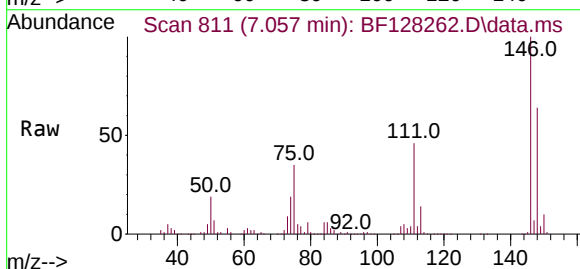
Tgt Ion:146 Resp: 212350

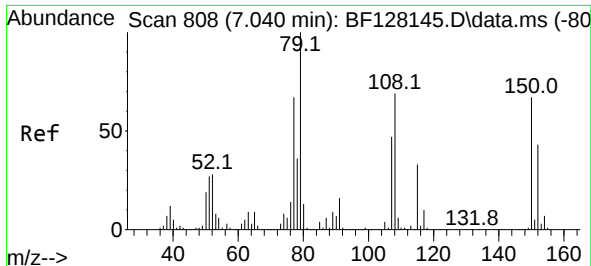
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

111 45.7 36.6 55.0

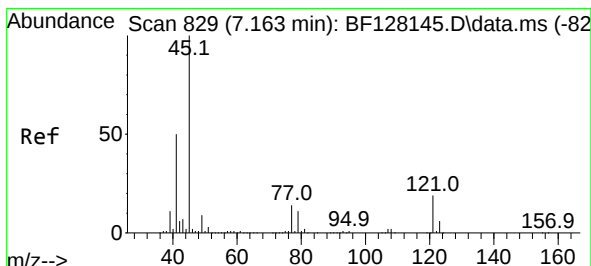
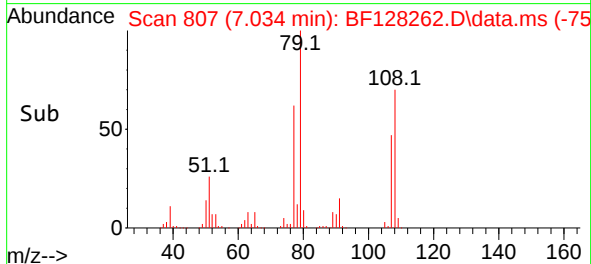
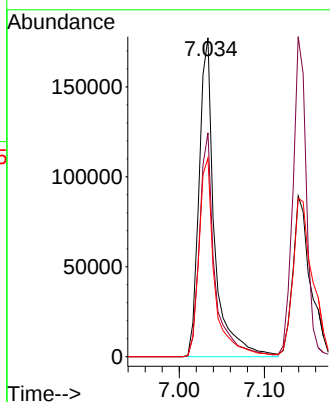
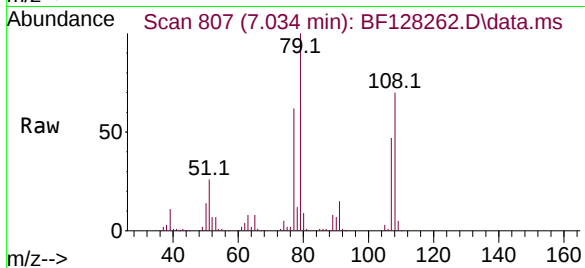




#15
Benzyl Alcohol
Concen: 48.477 ng
RT: 7.034 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

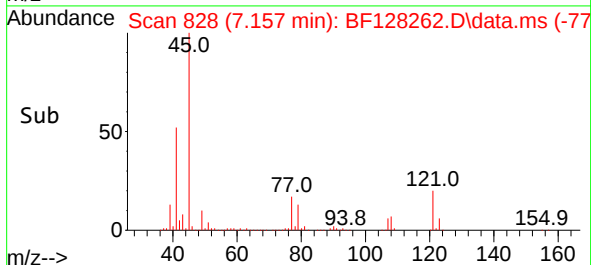
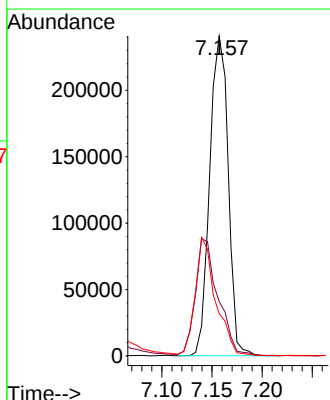
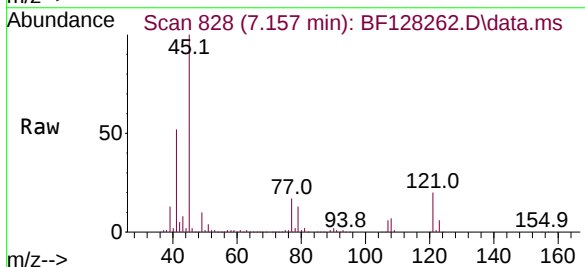
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

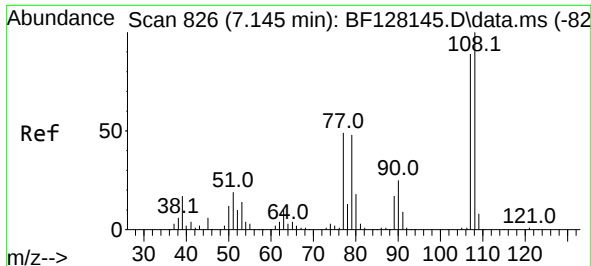
Tgt Ion: 79 Resp: 224125
Ion Ratio Lower Upper
79 100
108 70.2 57.0 85.6
77 62.3 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.136 ng
RT: 7.157 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion: 45 Resp: 309256
Ion Ratio Lower Upper
45 100
77 17.0 0.0 34.9
79 13.2 0.0 31.6

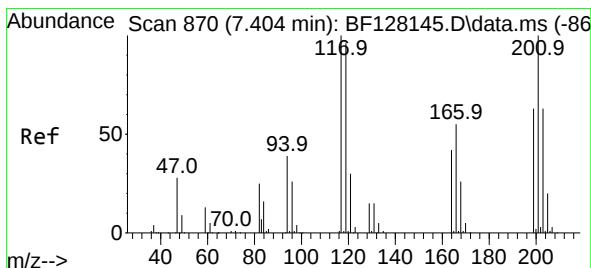
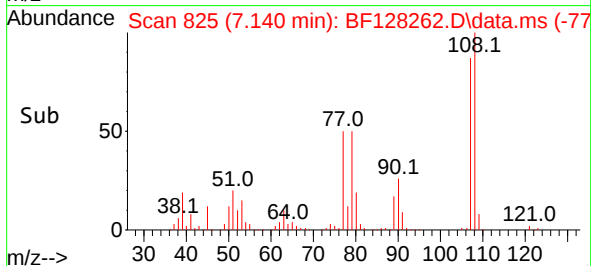
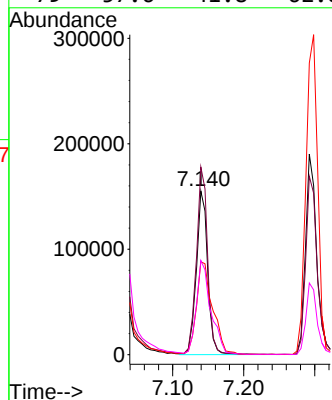
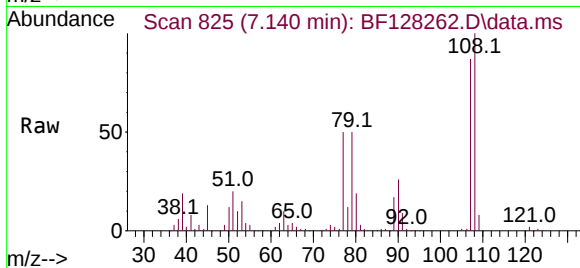




#17
2-Methylphenol
Concen: 45.111 ng
RT: 7.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

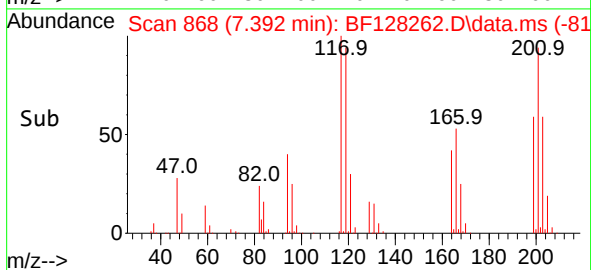
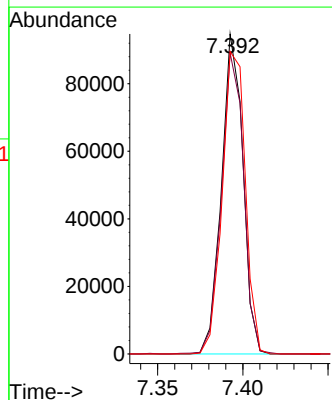
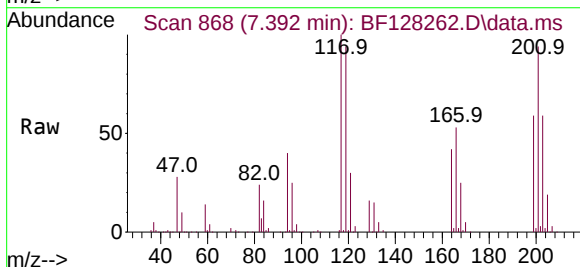
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

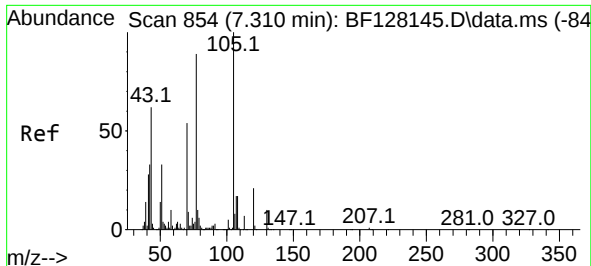
Tgt Ion:107 Resp: 172422
Ion Ratio Lower Upper
107 100
108 114.6 90.2 135.2
77 56.8 41.9 62.9
79 57.6 41.8 62.8



#18
Hexachloroethane
Concen: 42.939 ng
RT: 7.392 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:117 Resp: 83120
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.4
201 94.5 84.4 126.6

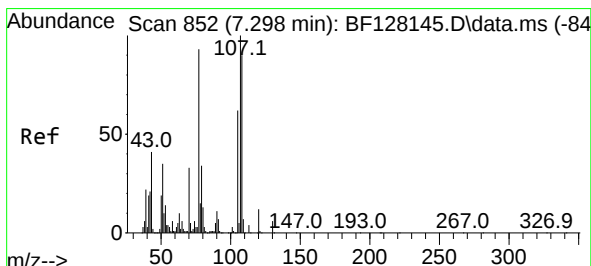
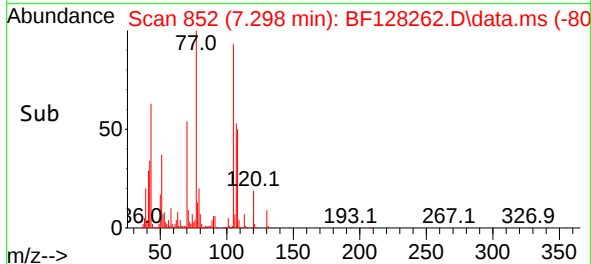
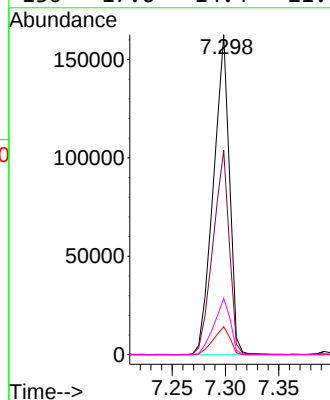
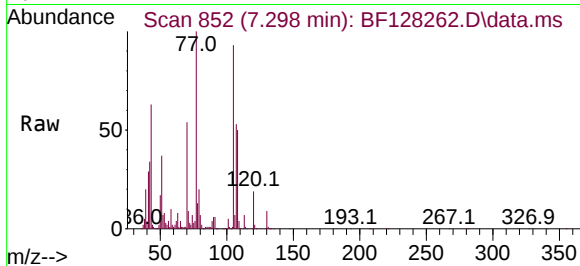




#19
n-Nitroso-di-n-propylamine
Concen: 47.366 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

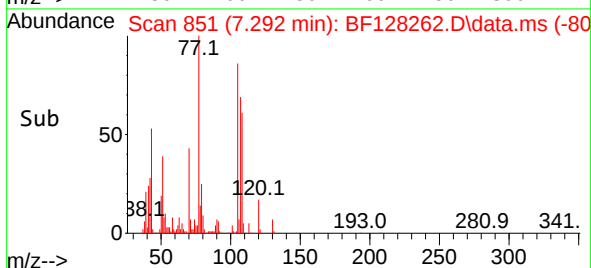
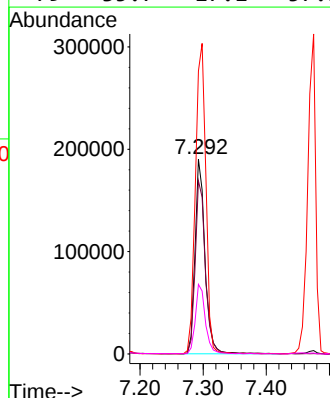
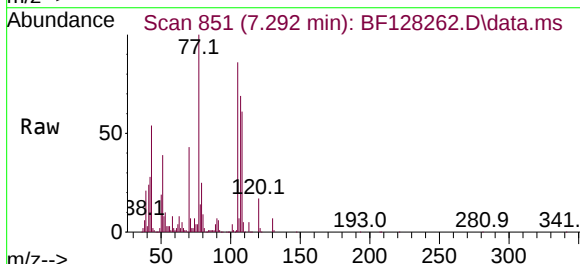
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

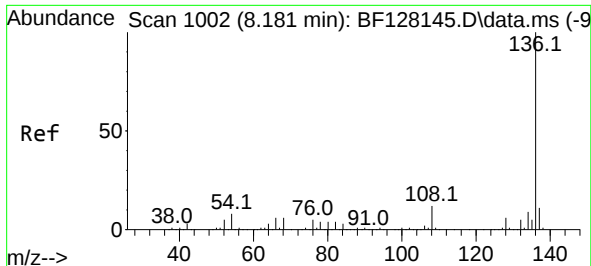
Tgt Ion: 70 Resp: 170653
Ion Ratio Lower Upper
70 100
42 63.8 48.7 73.1
101 8.8 7.2 10.8
130 17.6 14.4 21.6



#20
3+4-Methylphenols
Concen: 43.887 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion: 107 Resp: 207698
Ion Ratio Lower Upper
107 100
108 88.9 73.4 113.4
77 145.4 71.1 111.1#
79 35.7 17.1 57.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

Tgt Ion:136 Resp: 266706

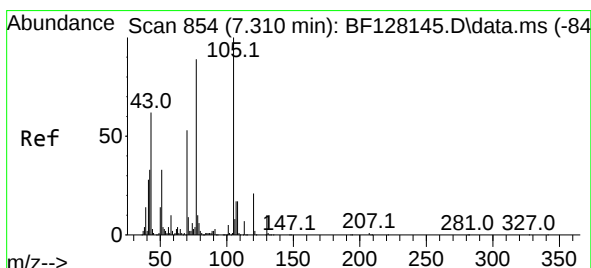
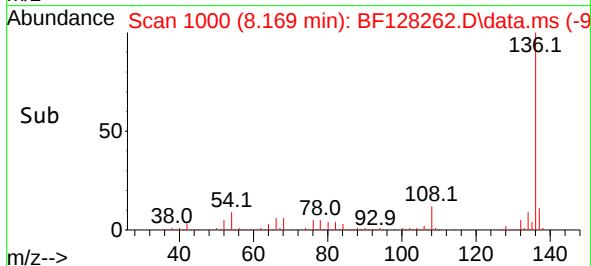
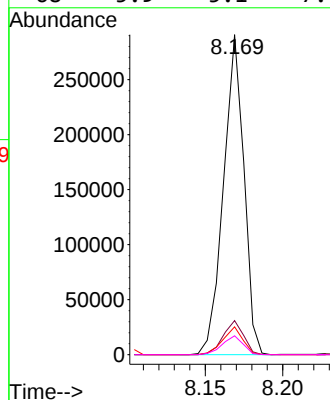
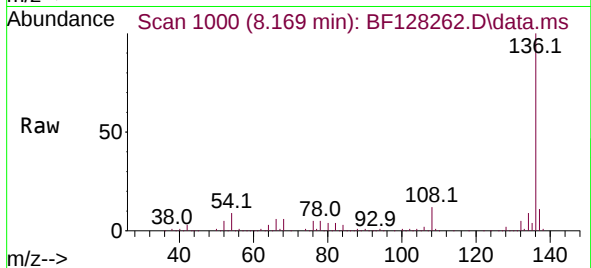
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 8.7 6.8 10.2

68 5.9 5.1 7.7



#22

Acetophenone

Concen: 47.899 ng

RT: 7.298 min Scan# 852

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Tgt Ion:105 Resp: 318107

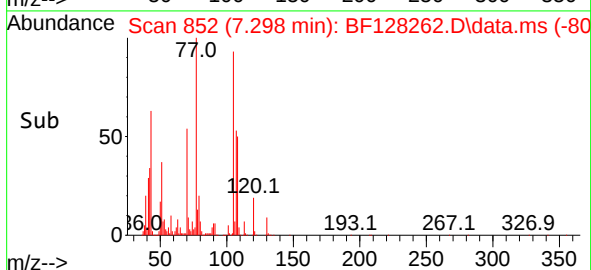
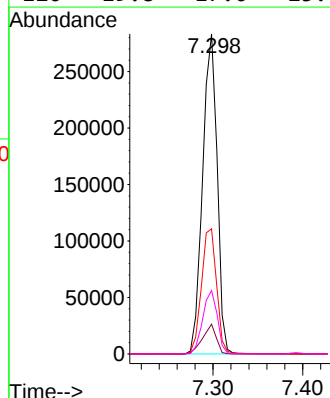
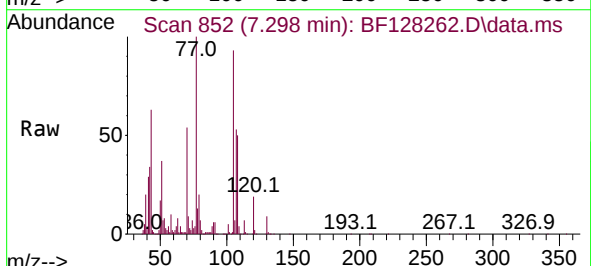
Ion Ratio Lower Upper

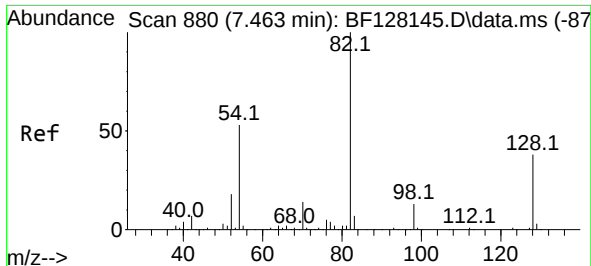
105 100

71 9.3 7.3 10.9

51 39.1 23.7 35.5#

120 19.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 89.233 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

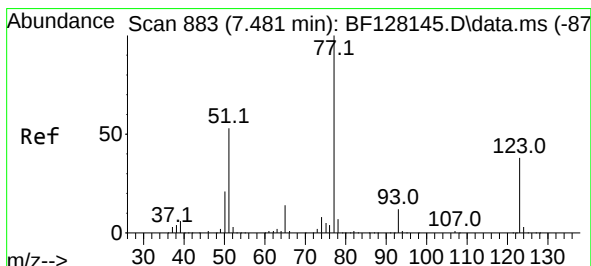
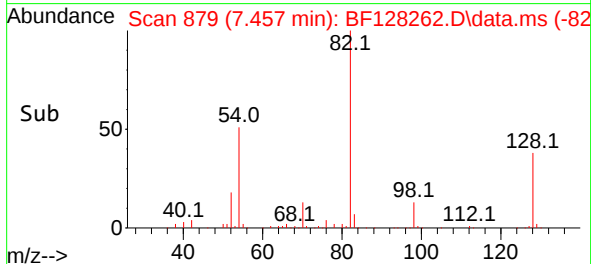
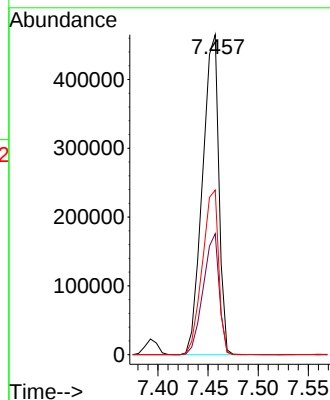
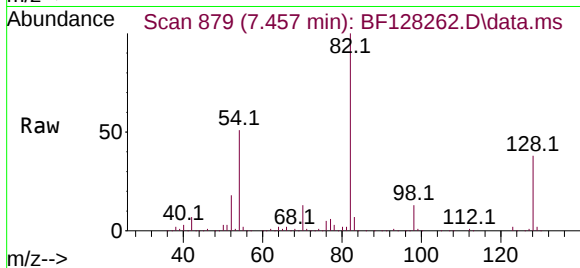
Tgt Ion: 82 Resp: 528904

Ion Ratio Lower Upper

82 100

128 37.8 30.0 45.0

54 51.4 41.3 61.9



#24

Nitrobenzene

Concen: 49.610 ng

RT: 7.475 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

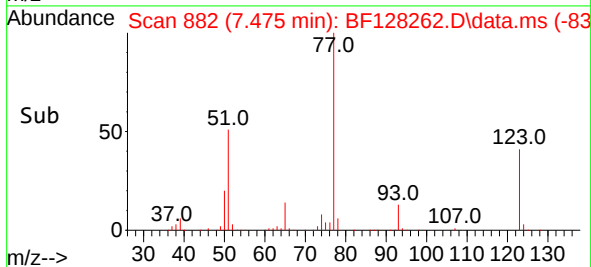
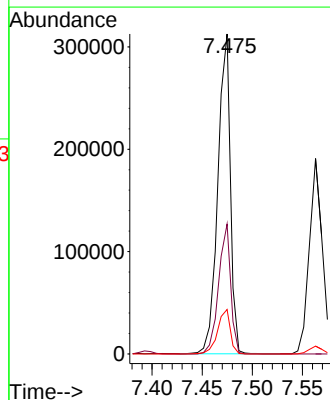
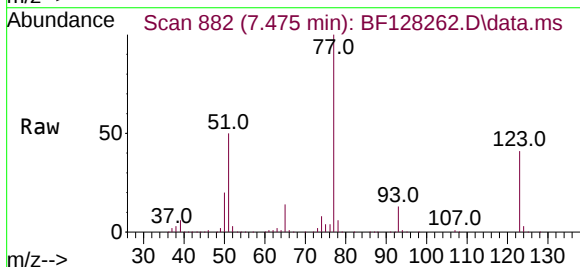
Tgt Ion: 77 Resp: 271390

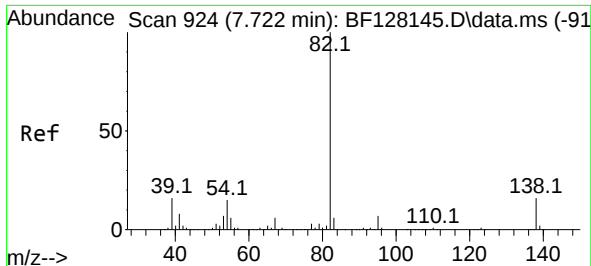
Ion Ratio Lower Upper

77 100

123 40.6 32.0 48.0

65 13.9 11.0 16.6

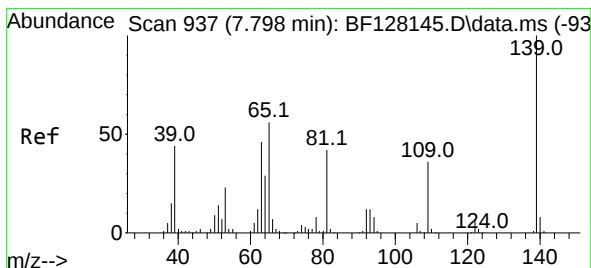
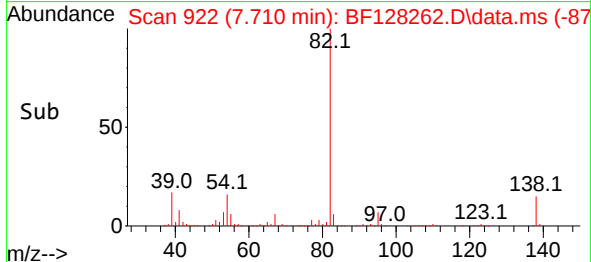
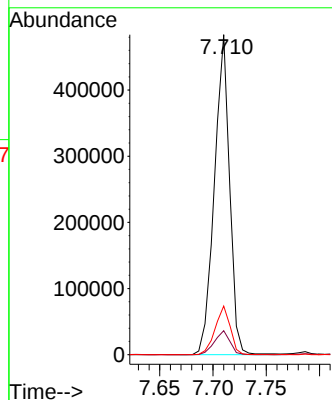
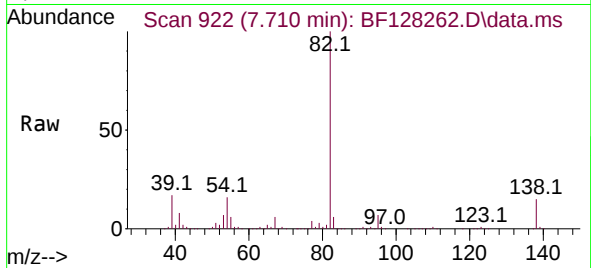




#25
Isophorone
Concen: 51.519 ng
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

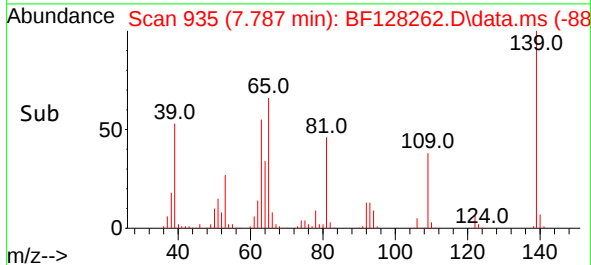
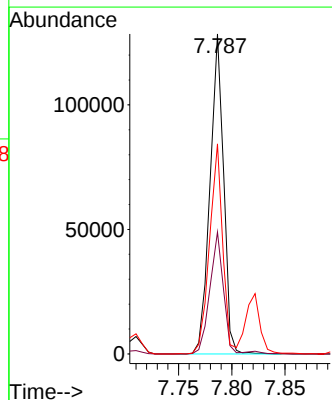
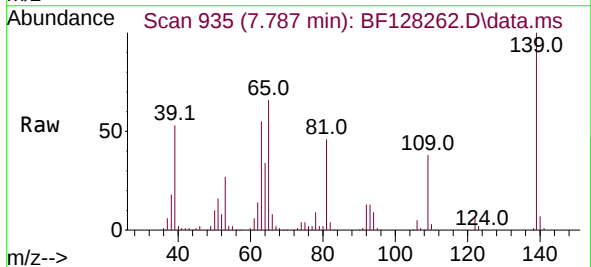
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

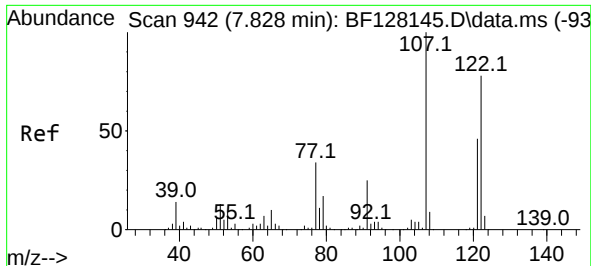
Tgt Ion: 82 Resp: 478740
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 15.2 12.5 18.7



#26
2-Nitrophenol
Concen: 47.667 ng
RT: 7.787 min Scan# 935
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion: 139 Resp: 114502
Ion Ratio Lower Upper
139 100
109 38.1 27.4 41.2
65 65.7 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 49.982 ng

RT: 7.822 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

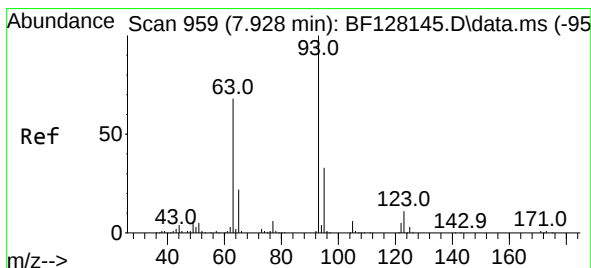
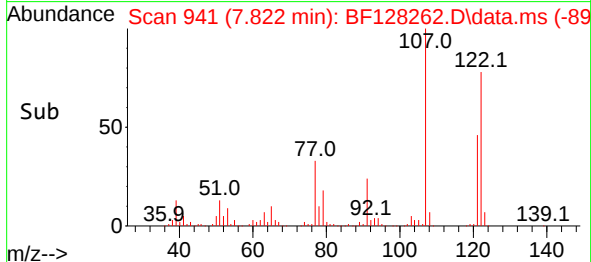
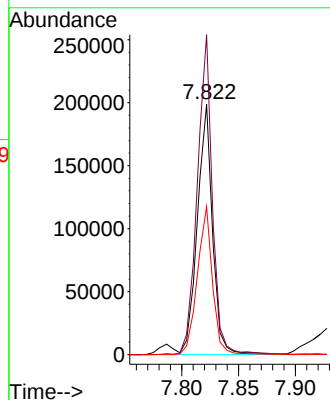
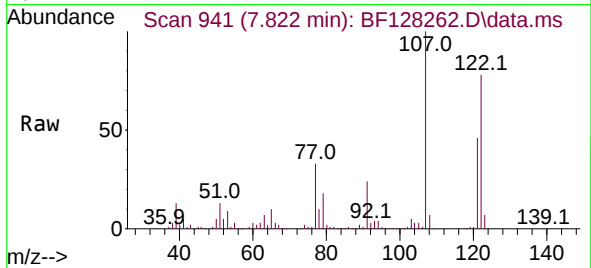
Tgt Ion:122 Resp: 185059

Ion Ratio Lower Upper

122 100

107 127.7 97.5 146.3

121 59.1 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.062 ng

RT: 7.916 min Scan# 957

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

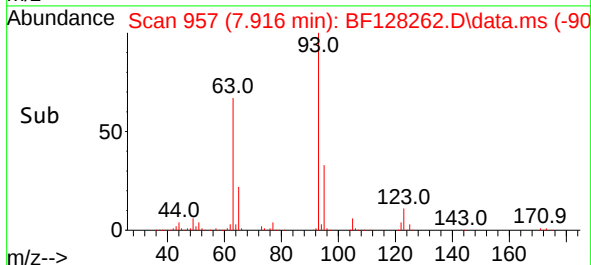
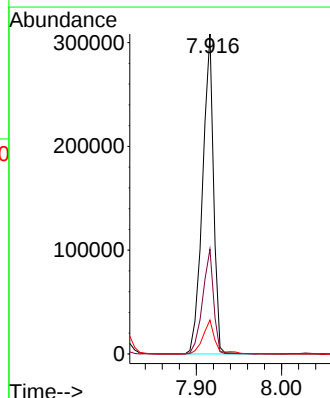
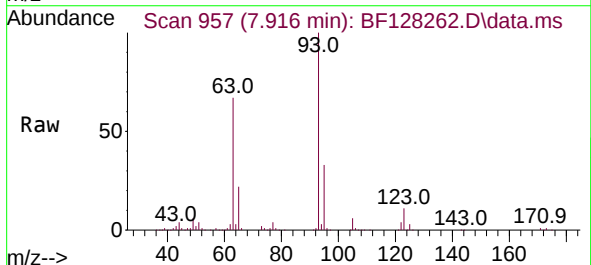
Tgt Ion: 93 Resp: 276441

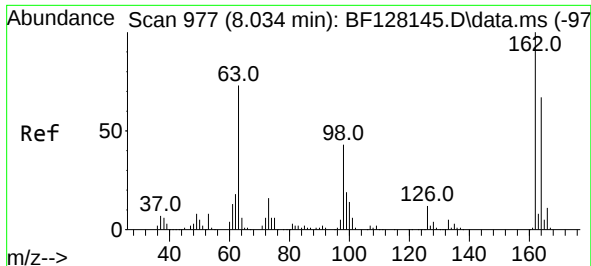
Ion Ratio Lower Upper

93 100

95 32.8 25.7 38.5

123 10.6 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 47.190 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

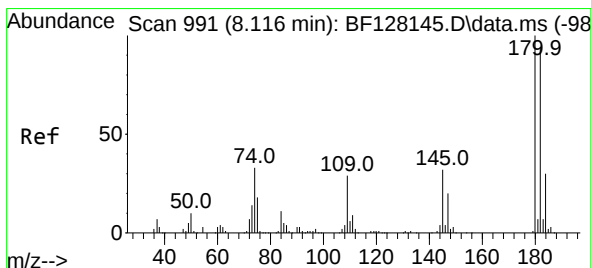
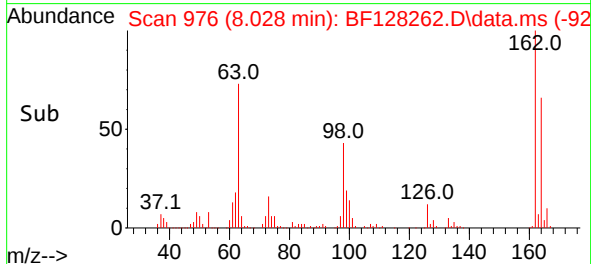
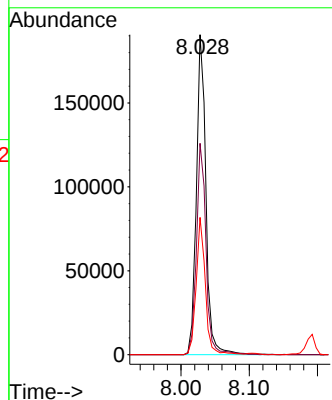
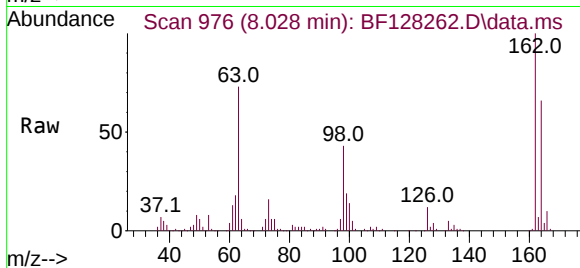
Tgt Ion:162 Resp: 183687

Ion Ratio Lower Upper

162 100

164 66.0 47.1 87.1

98 42.9 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 45.271 ng

RT: 8.110 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

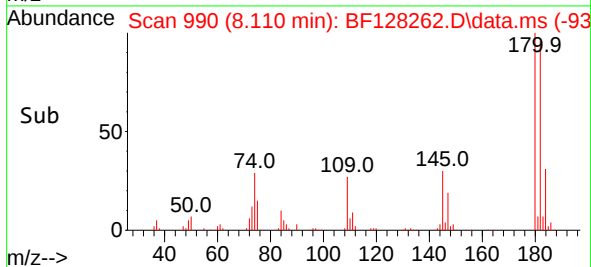
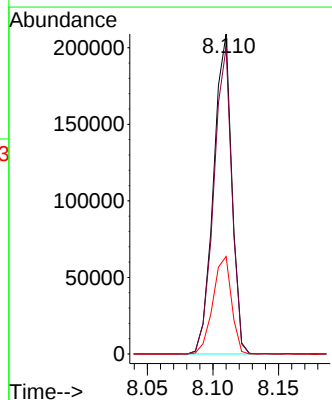
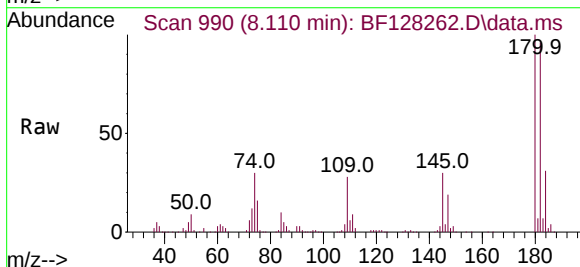
Tgt Ion:180 Resp: 201959

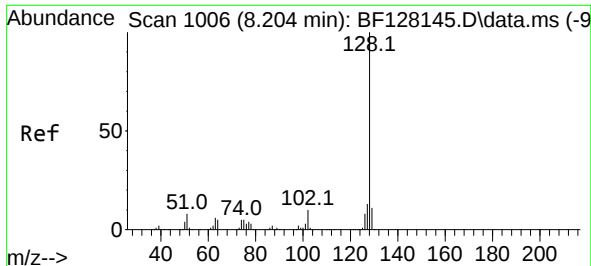
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

145 30.4 25.1 37.7





#31

Naphthalene

Concen: 45.987 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

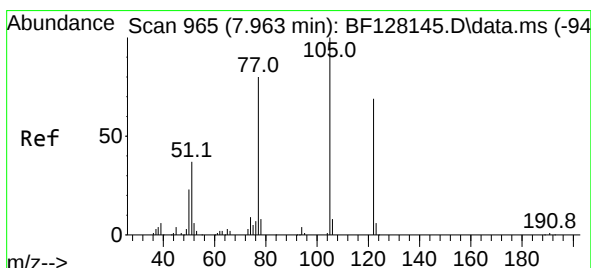
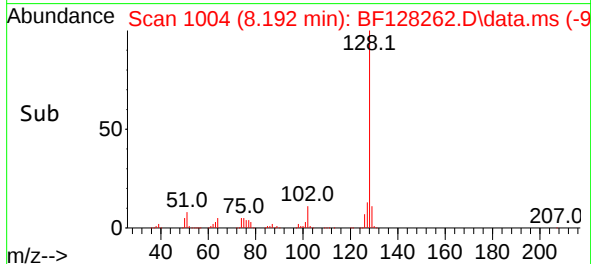
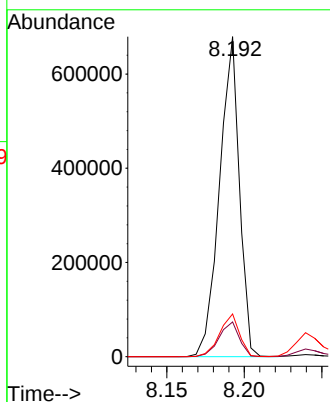
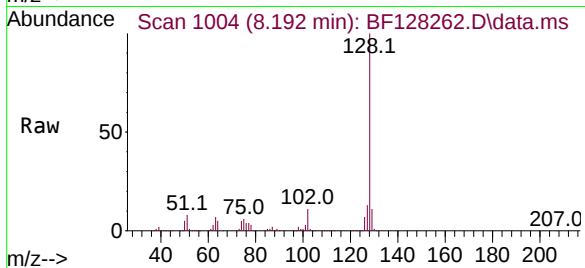
Tgt Ion:128 Resp: 605735

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 21.456 ng

RT: 7.939 min Scan# 961

Delta R.T. -0.029 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

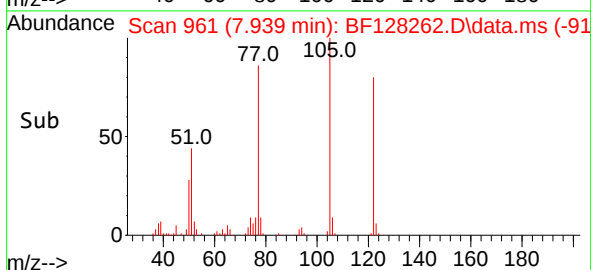
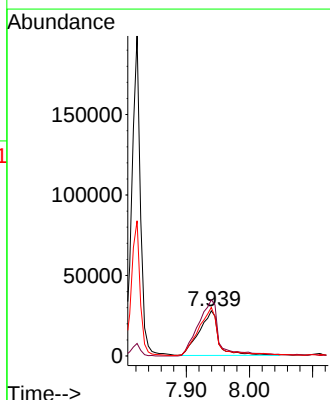
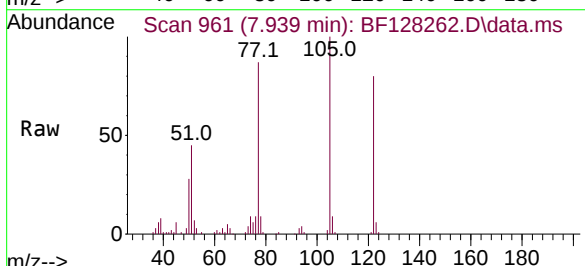
Tgt Ion:122 Resp: 59408

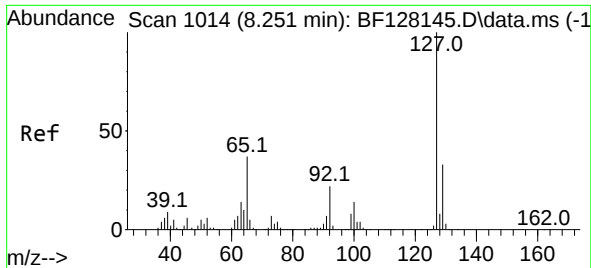
Ion Ratio Lower Upper

122 100

105 124.7 107.9 147.9

77 108.1 82.5 122.5

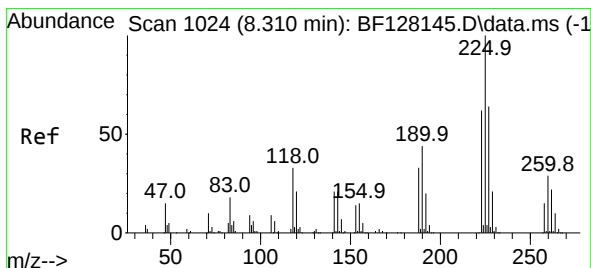
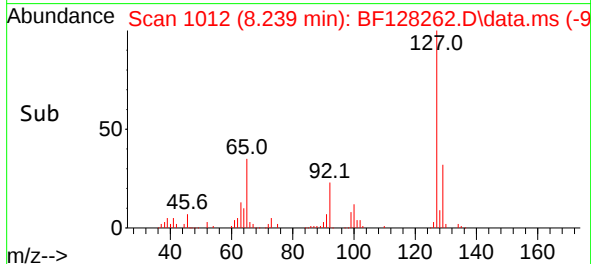
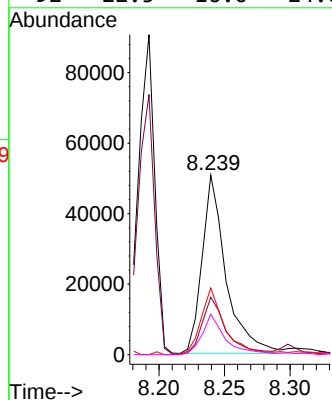
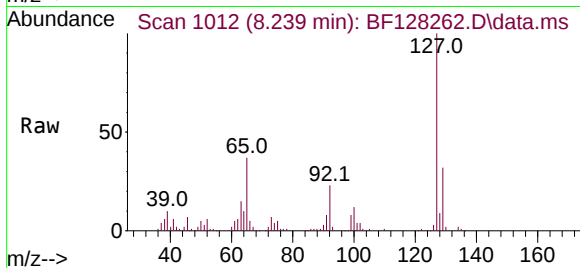




#33
4-Chloroaniline
Concen: 12.315 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

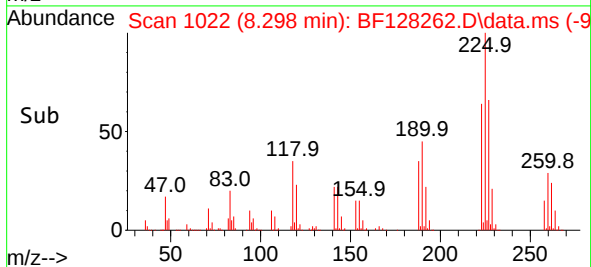
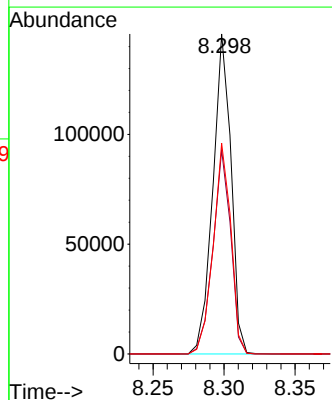
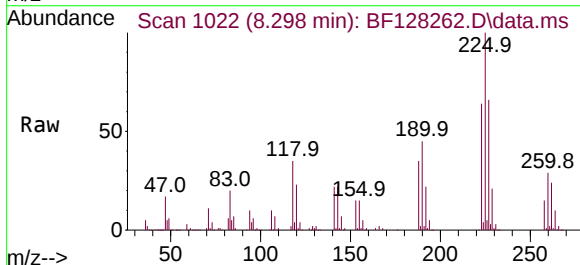
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

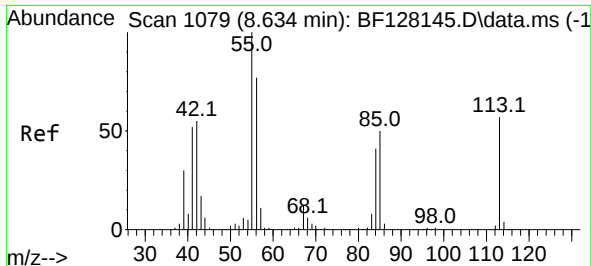
Tgt Ion:	127	Resp:	64393
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.8	38.8
65	37.2	26.7	40.1
92	22.5	16.0	24.0



#34
Hexachlorobutadiene
Concen: 43.239 ng
RT: 8.298 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:	225	Resp:	129527
Ion Ratio	Lower	Upper	
225	100		
223	63.7	52.0	78.0
227	65.9	50.7	76.1

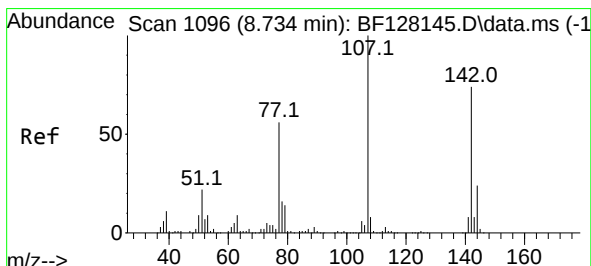
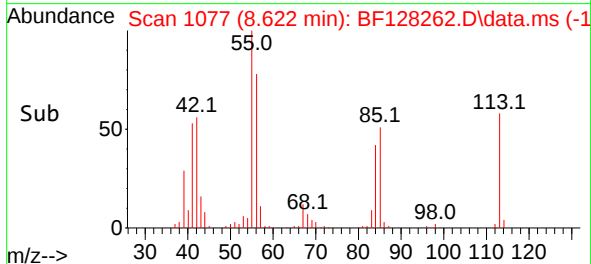
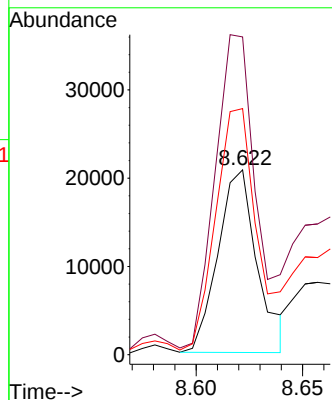
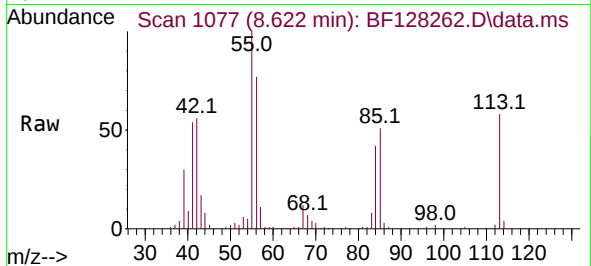




#35
 Caprolactam
 Concen: 20.967 ng
 RT: 8.622 min Scan# 1077
 Delta R.T. -0.012 min
 Lab File: BF128262.D
 Acq: 16 May 2022 12:10

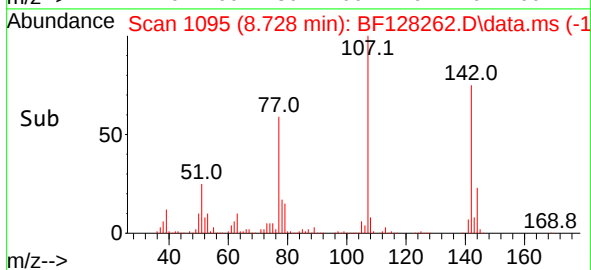
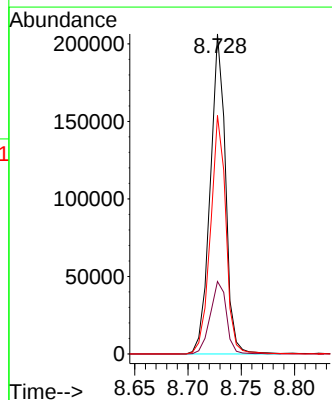
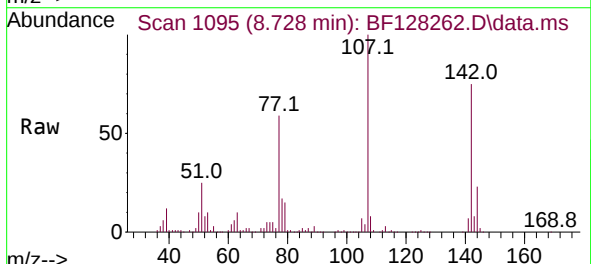
Instrument :
 BNA_F
 ClientSampleId :
 MH-35SMSD

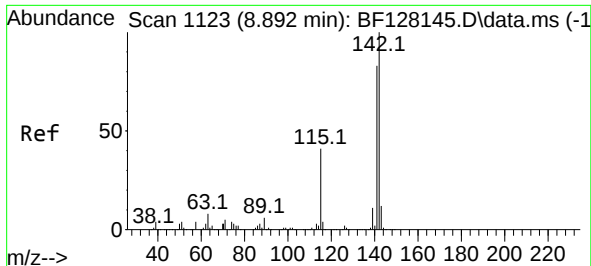
Tgt Ion:113 Resp: 26641
 Ion Ratio Lower Upper
 113 100
 55 171.9 157.4 197.4
 56 133.1 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.557 ng
 RT: 8.728 min Scan# 1095
 Delta R.T. 0.000 min
 Lab File: BF128262.D
 Acq: 16 May 2022 12:10

Tgt Ion:107 Resp: 206834
 Ion Ratio Lower Upper
 107 100
 144 22.7 20.2 30.4
 142 74.5 61.5 92.3





#37

2-Methylnaphthalene

Concen: 47.534 ng

RT: 8.881 min Scan# 1123

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

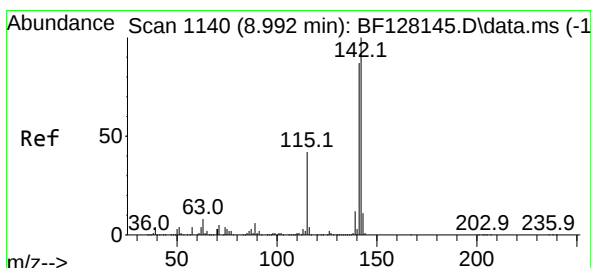
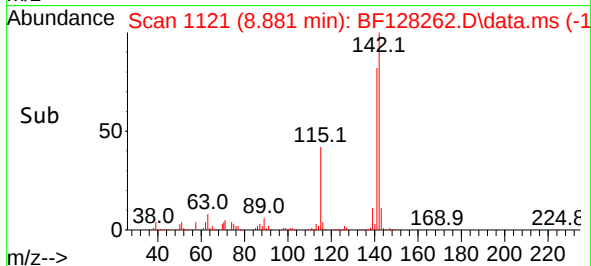
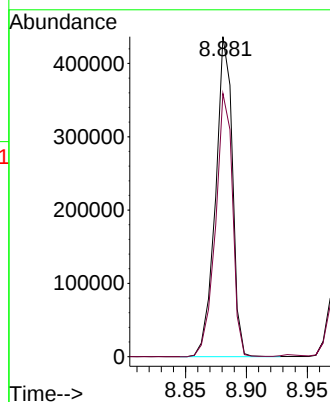
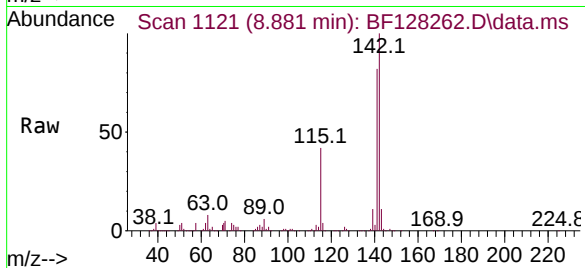
MH-35SMSD

Tgt Ion:142 Resp: 422126

Ion Ratio Lower Upper

142 100

141 82.2 67.4 101.2



#38

1-Methylnaphthalene

Concen: 46.784 ng

RT: 8.981 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF128262.D

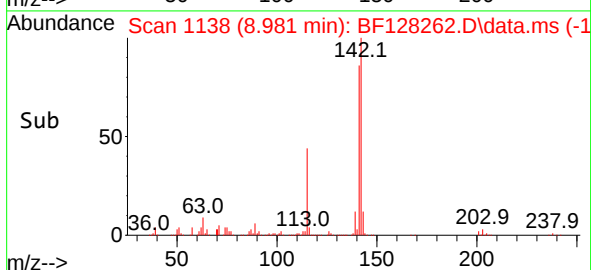
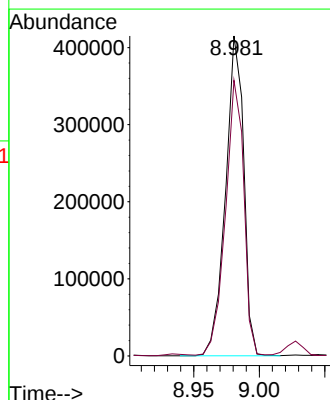
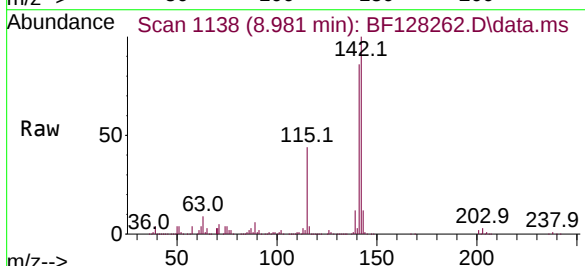
Acq: 16 May 2022 12:10

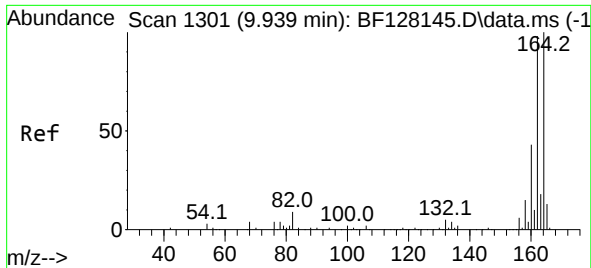
Tgt Ion:142 Resp: 399027

Ion Ratio Lower Upper

142 100

141 86.1 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

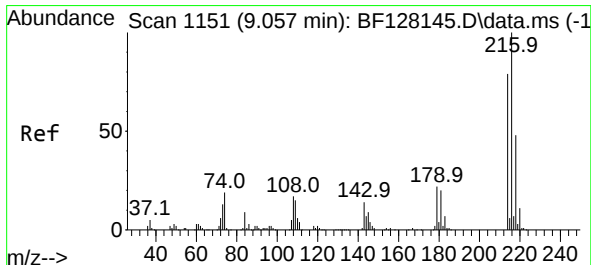
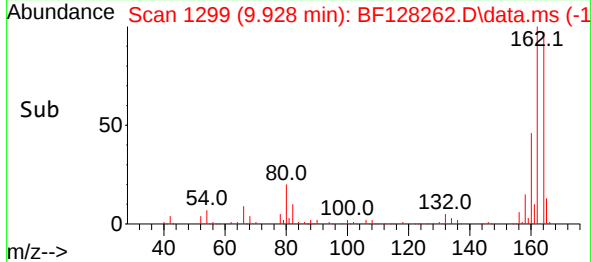
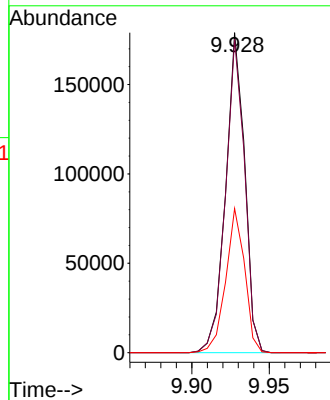
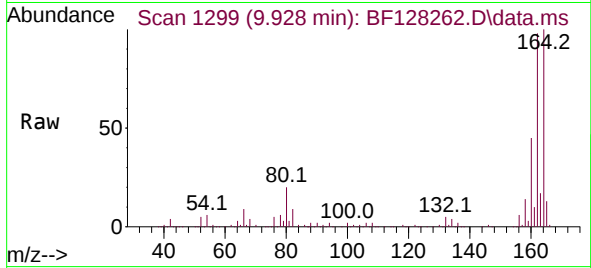
Tgt Ion:164 Resp: 153189

Ion Ratio Lower Upper

164 100

162 97.9 76.0 114.0

160 45.1 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.699 ng

RT: 9.045 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Tgt Ion:216 Resp: 211020

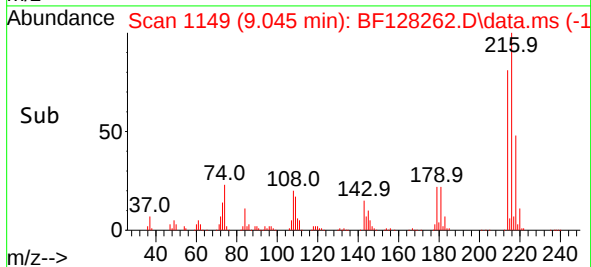
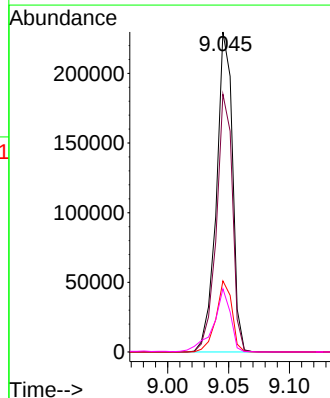
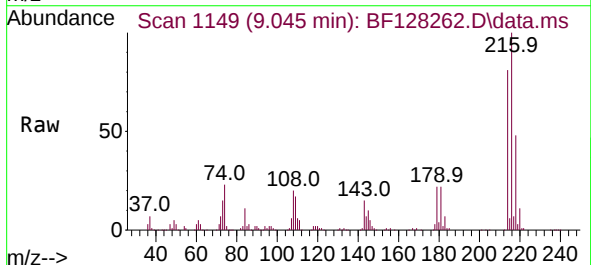
Ion Ratio Lower Upper

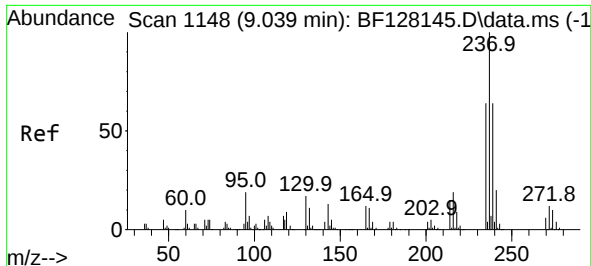
216 100

214 80.2 62.6 94.0

179 21.8 16.9 25.3

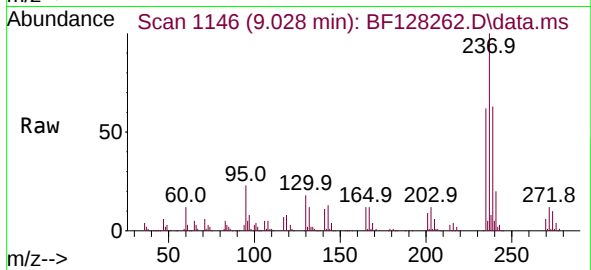
108 21.0 15.6 23.4



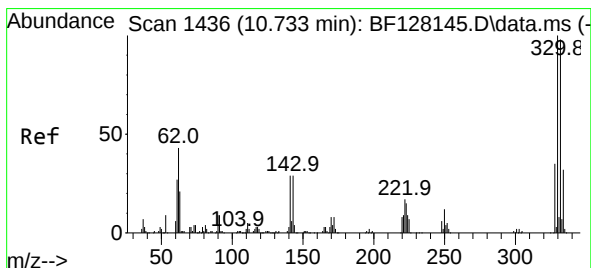
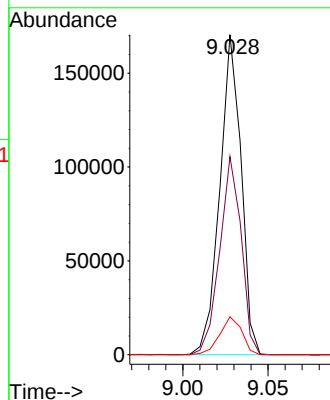
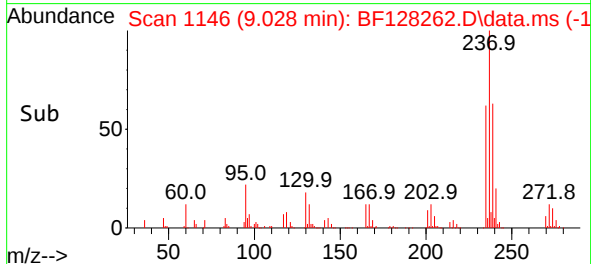


#41
Hexachlorocyclopentadiene
Concen: 72.297 ng
RT: 9.028 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

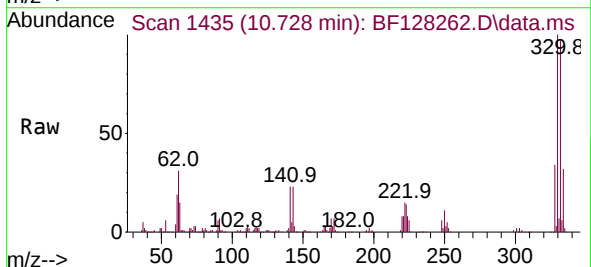
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD



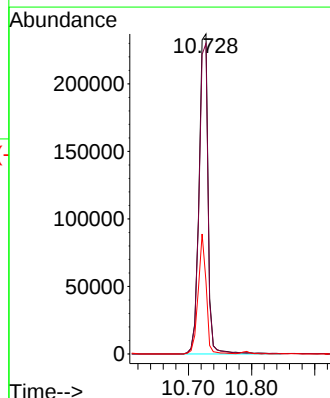
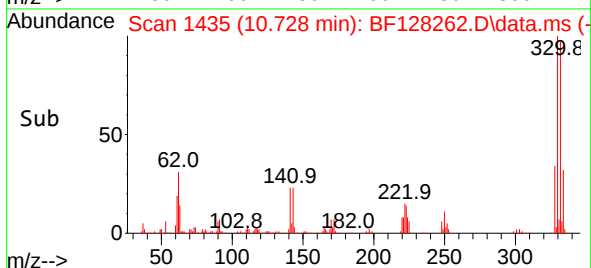
Tgt Ion:237 Resp: 148221
Ion Ratio Lower Upper
237 100
235 61.9 43.6 83.6
272 11.8 0.0 32.1

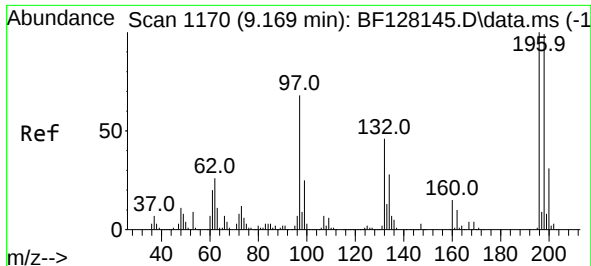


#42
2,4,6-Tribromophenol
Concen: 133.119 ng
RT: 10.728 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10



Tgt Ion:330 Resp: 233876
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.4
141 33.1 28.9 43.3

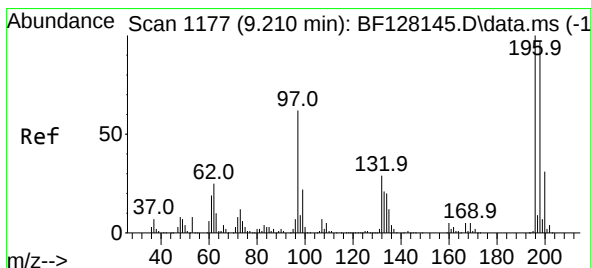
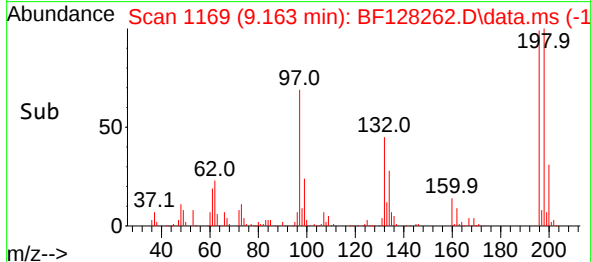
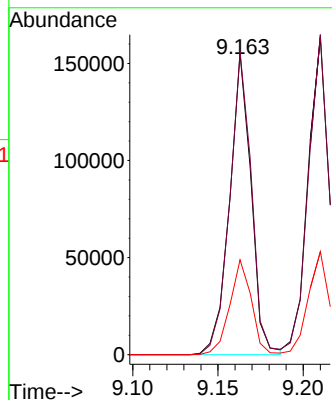
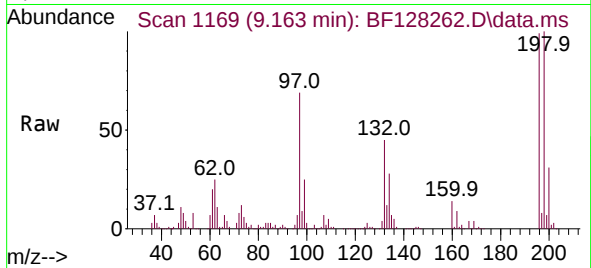




#43
2,4,6-Trichlorophenol
Concen: 46.843 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

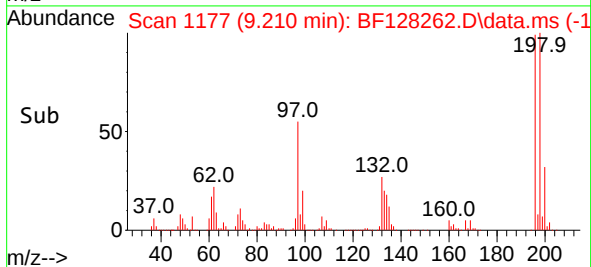
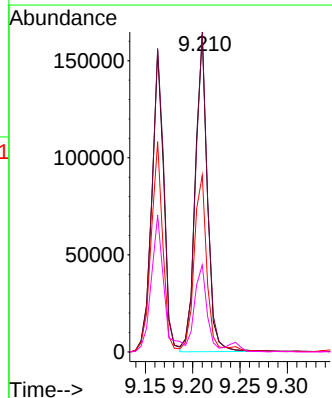
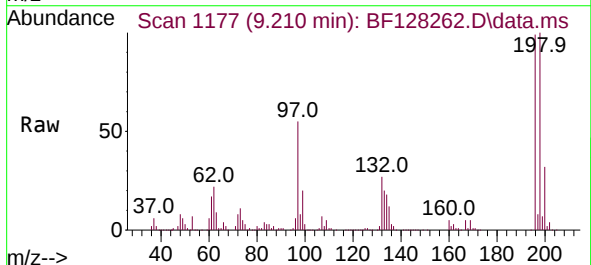
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

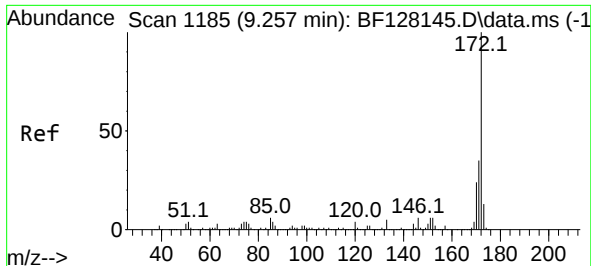
Tgt Ion:196 Resp: 136372
Ion Ratio Lower Upper
196 100
198 100.7 80.4 120.6
200 31.5 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 46.982 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:196 Resp: 145838
Ion Ratio Lower Upper
196 100
198 100.9 80.2 120.2
97 55.7 50.3 75.5
132 27.4 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 87.455 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

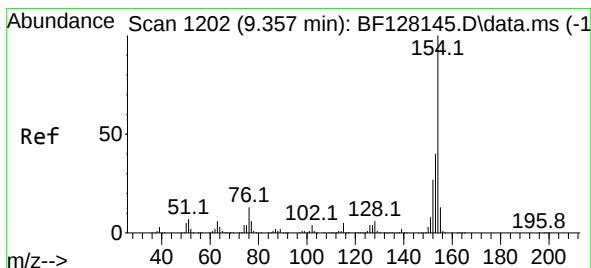
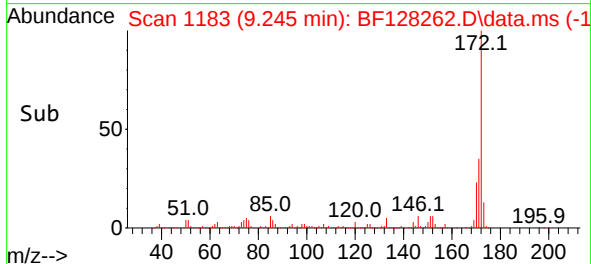
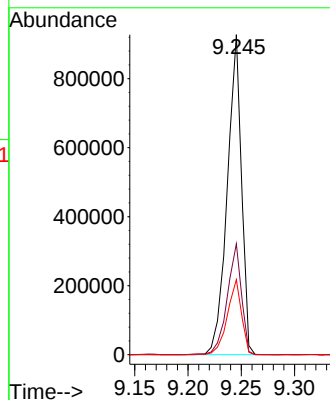
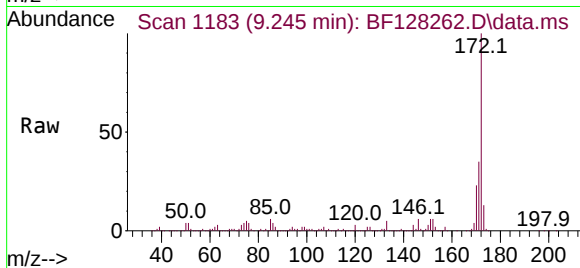
Tgt Ion:172 Resp: 856212

Ion Ratio Lower Upper

172 100

171 34.6 28.6 42.8

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.565 ng

RT: 9.345 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

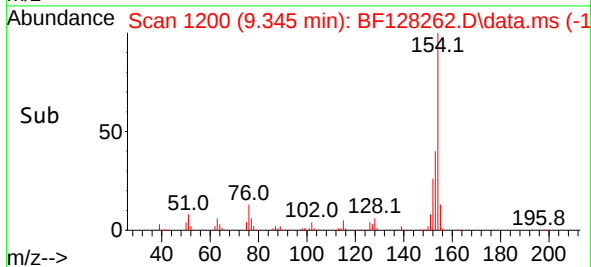
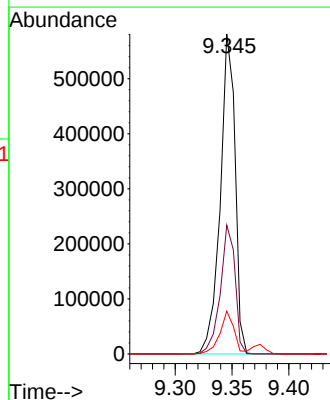
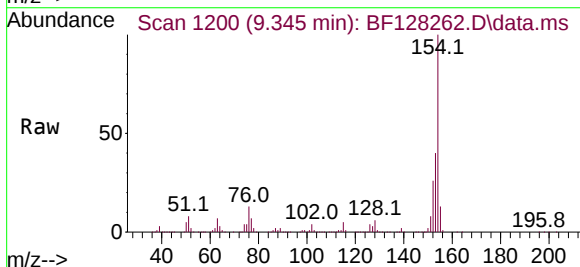
Tgt Ion:154 Resp: 530457

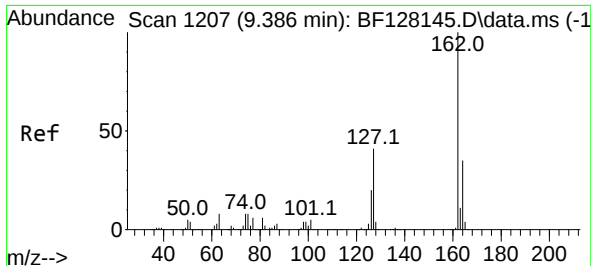
Ion Ratio Lower Upper

154 100

153 40.2 20.4 60.4

76 13.3 0.0 33.2

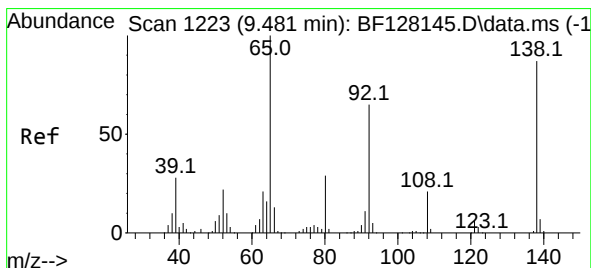
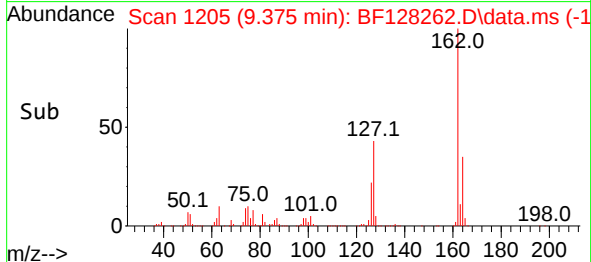
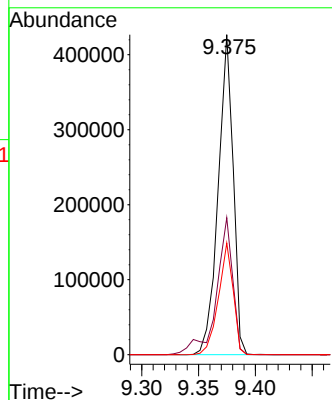
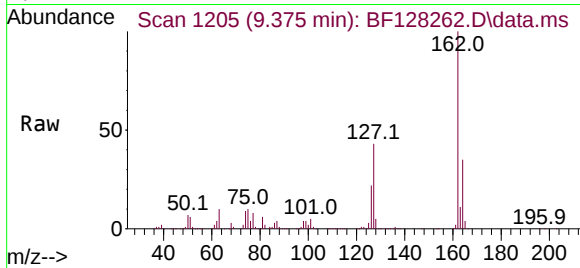




#47
2-Chloronaphthalene
Concen: 47.511 ng
RT: 9.375 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

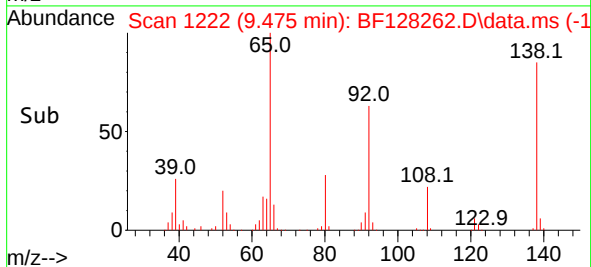
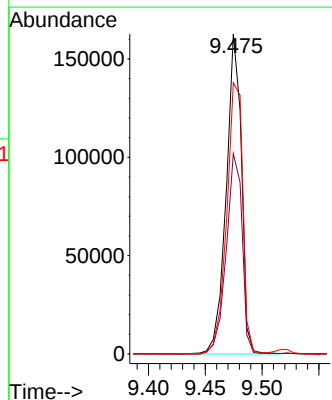
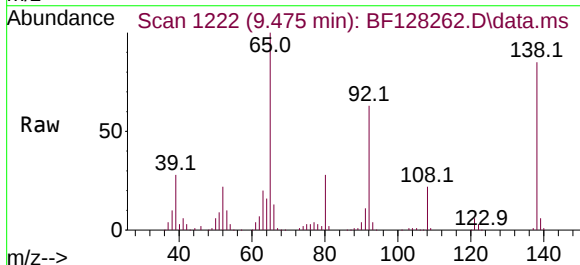
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

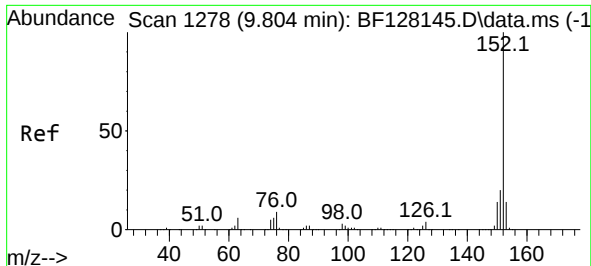
Tgt Ion:162 Resp: 392714
Ion Ratio Lower Upper
162 100
127 42.8 32.9 49.3
164 34.9 28.2 42.2



#48
2-Nitroaniline
Concen: 51.160 ng
RT: 9.475 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion: 65 Resp: 151611
Ion Ratio Lower Upper
65 100
92 62.6 53.7 80.5
138 84.8 76.4 114.6





#49

Acenaphthylene

Concen: 50.843 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

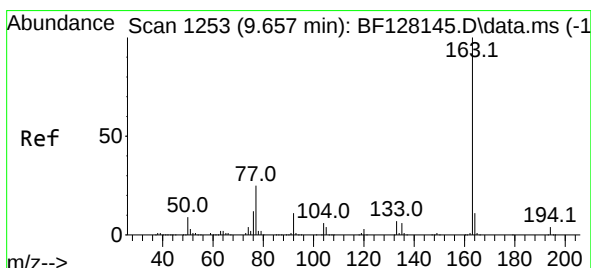
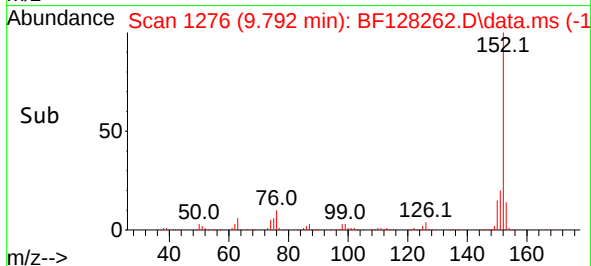
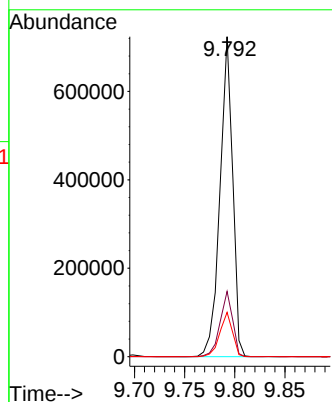
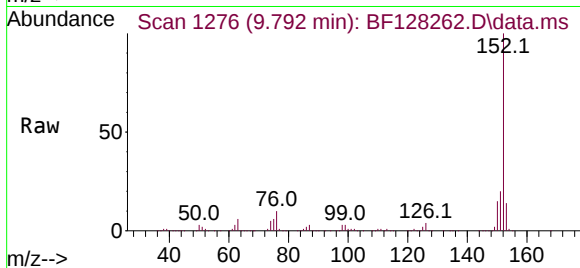
Tgt Ion:152 Resp: 635650

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.8 11.2 16.8



#50

Dimethylphthalate

Concen: 47.615 ng

RT: 9.651 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

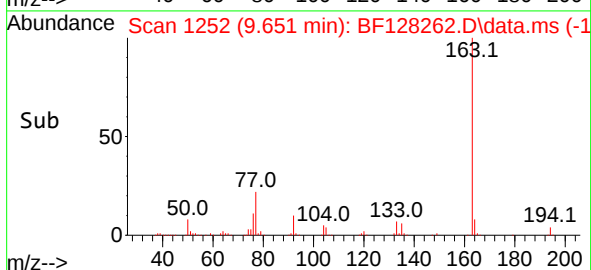
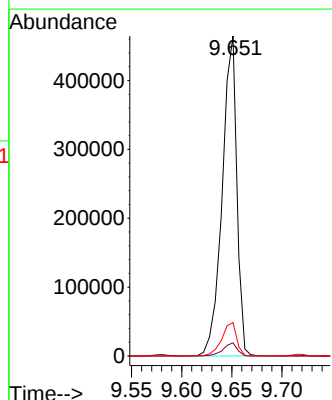
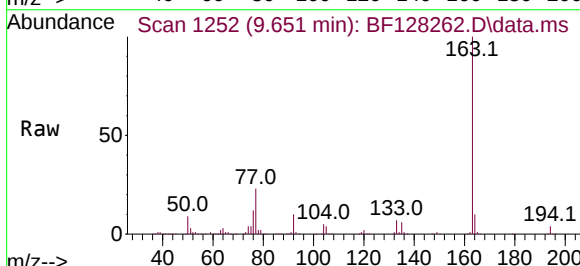
Tgt Ion:163 Resp: 470699

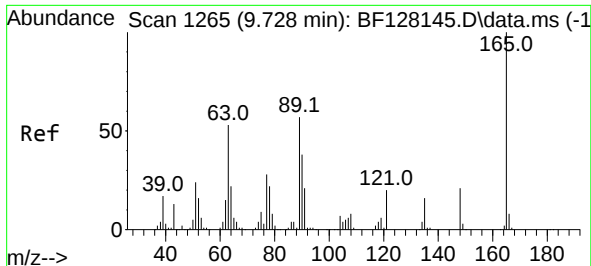
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.5 8.6 13.0

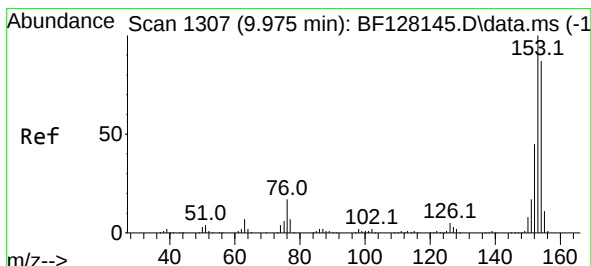
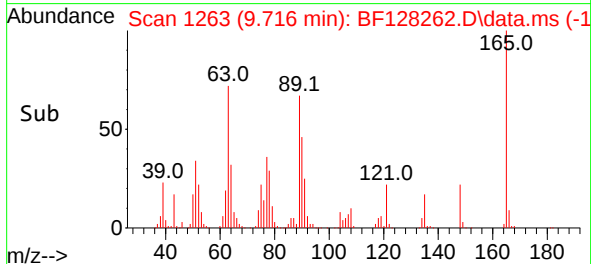
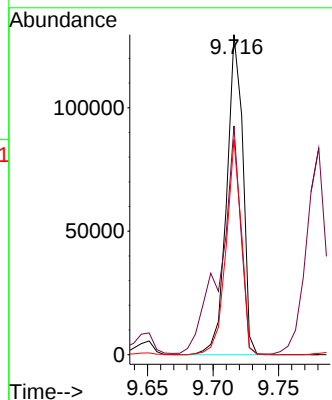
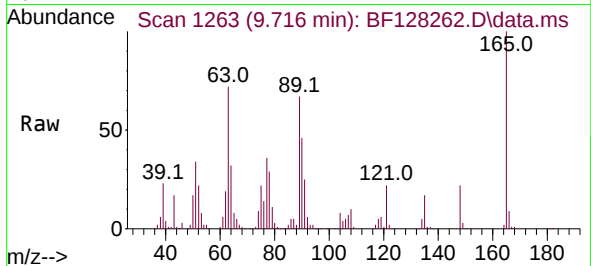




#51
2,6-Dinitrotoluene
Concen: 51.048 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

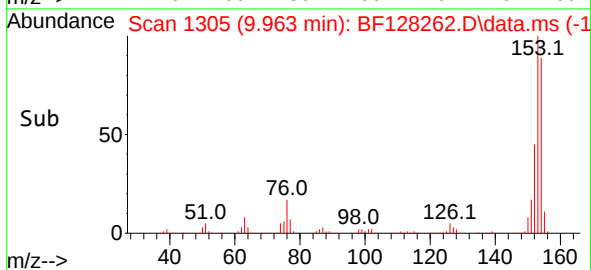
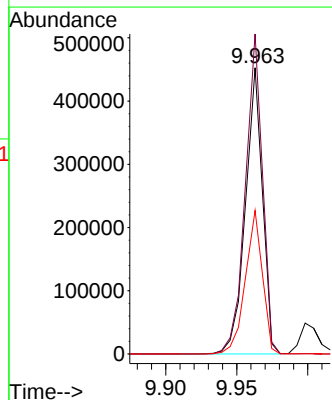
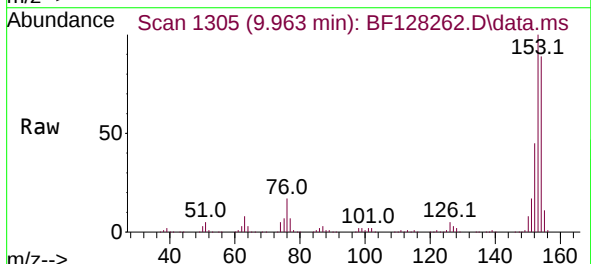
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

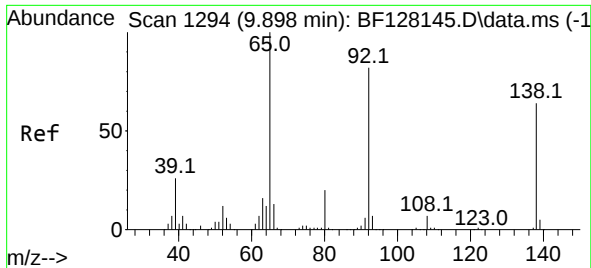
Tgt Ion:165 Resp: 110698
Ion Ratio Lower Upper
165 100
63 71.5 49.5 74.3
89 67.2 49.0 73.4



#52
Acenaphthene
Concen: 43.835 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:154 Resp: 379982
Ion Ratio Lower Upper
154 100
153 111.8 90.5 135.7
152 50.1 41.0 61.6

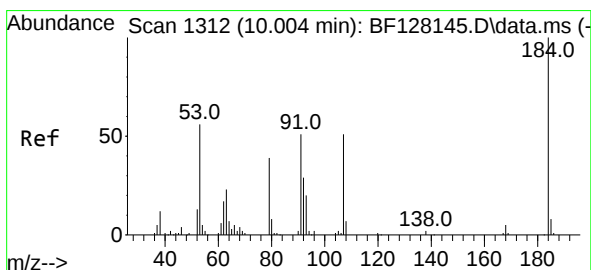
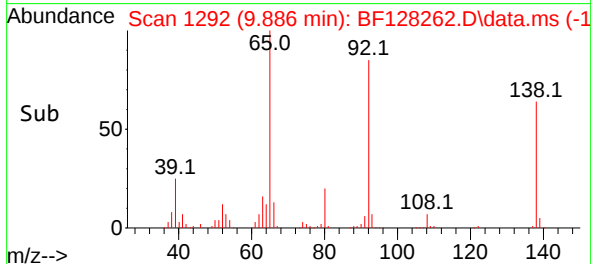
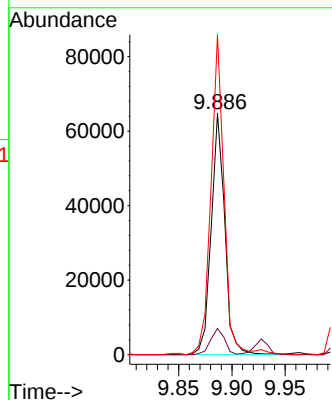
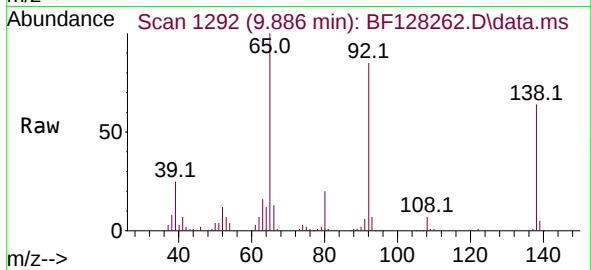




#53
3-Nitroaniline
Concen: 24.464 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

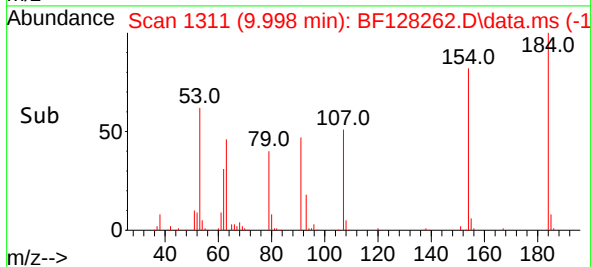
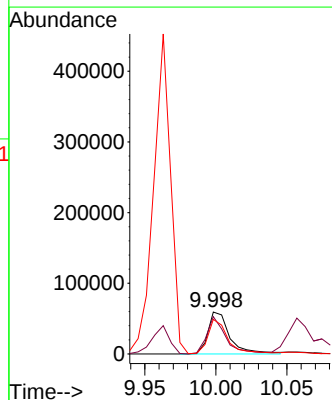
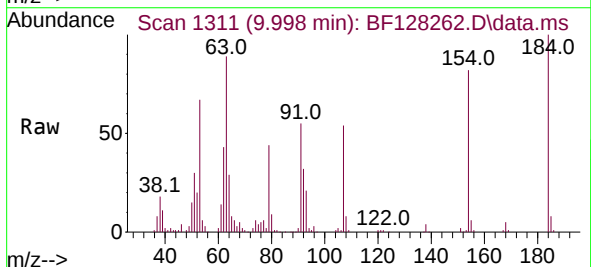
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

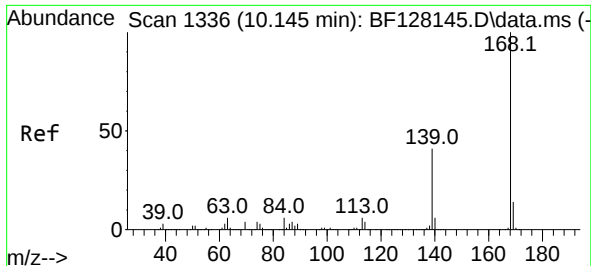
Tgt Ion:138 Resp: 57514
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.4
92 132.6 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 52.977 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:184 Resp: 63554
Ion Ratio Lower Upper
184 100
63 88.9 50.0 75.0#
154 82.3 51.7 77.5#

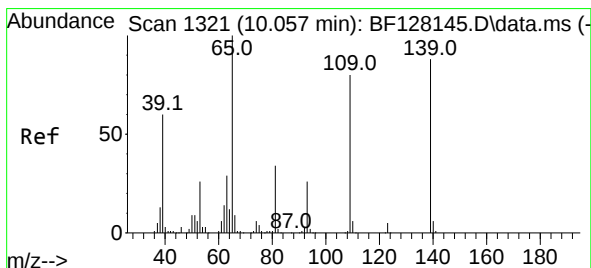
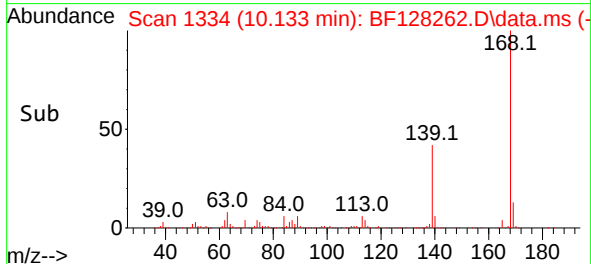
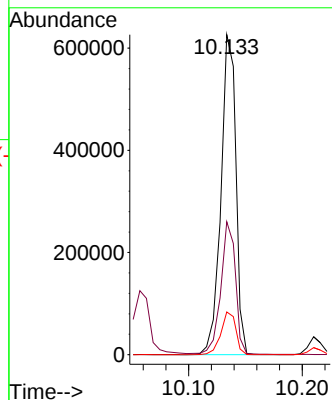
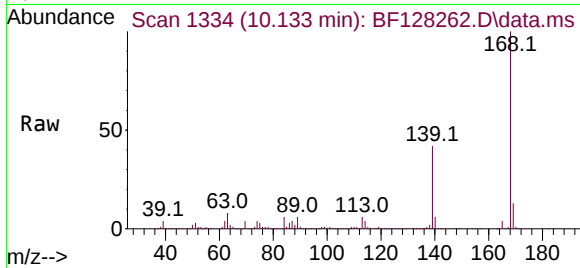




#55
Dibenzofuran
Concen: 46.721 ng
RT: 10.133 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

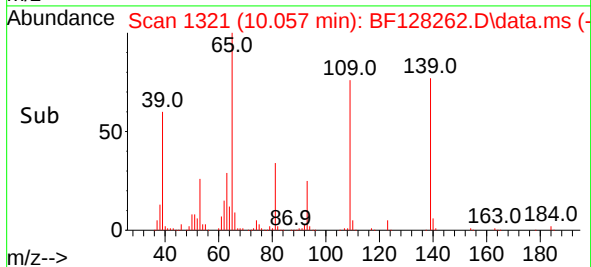
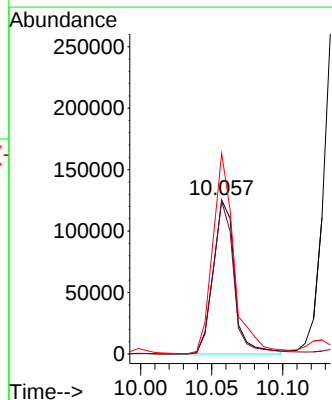
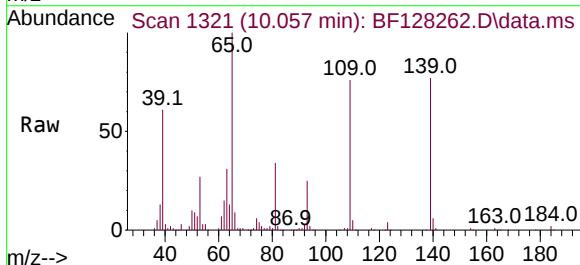
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

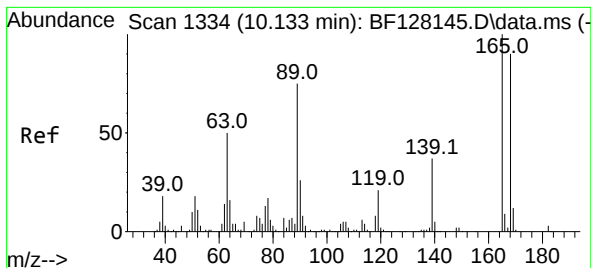
Tgt Ion:168 Resp: 575028
Ion Ratio Lower Upper
168 100
139 41.6 31.7 47.5
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 79.679 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:139 Resp: 130889
Ion Ratio Lower Upper
139 100
109 99.3 61.9 101.9
65 130.3 93.5 133.5

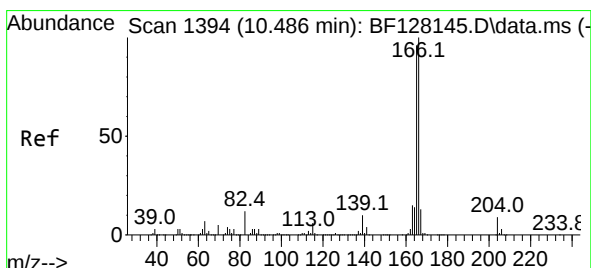
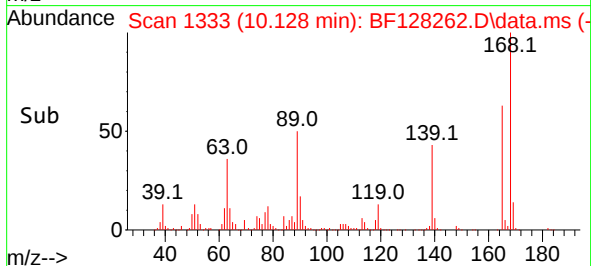
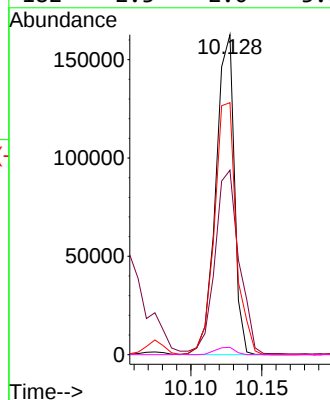
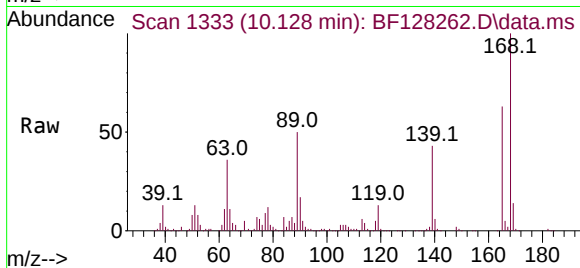




#57
2,4-Dinitrotoluene
Concen: 50.780 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

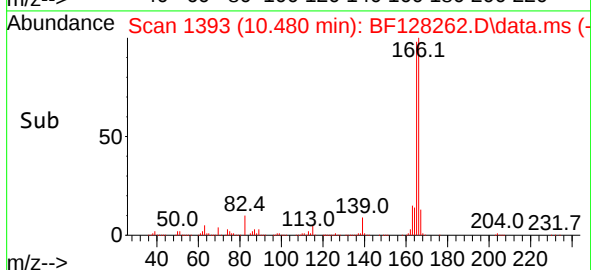
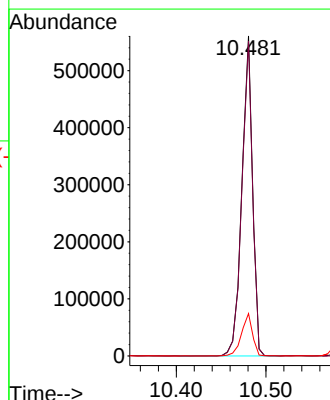
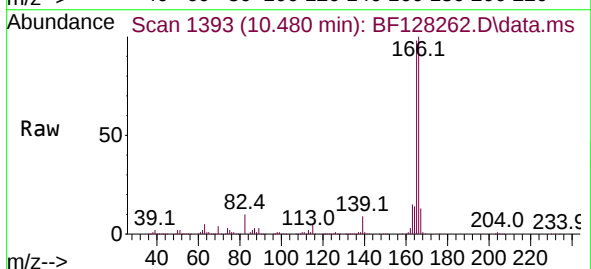
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

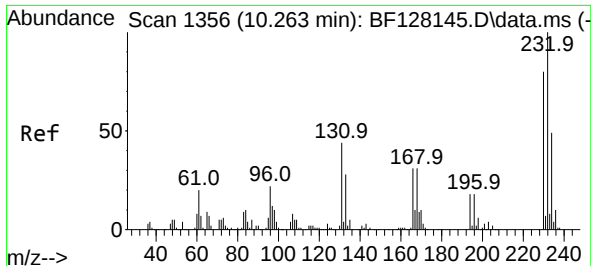
Tgt Ion:165 Resp: 147246
Ion Ratio Lower Upper
165 100
63 57.7 32.6 49.0#
89 78.8 55.2 82.8
182 2.3 2.0 3.0



#58
Fluorene
Concen: 48.395 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:166 Resp: 463942
Ion Ratio Lower Upper
166 100
165 98.3 78.6 117.8
167 13.3 10.5 15.7

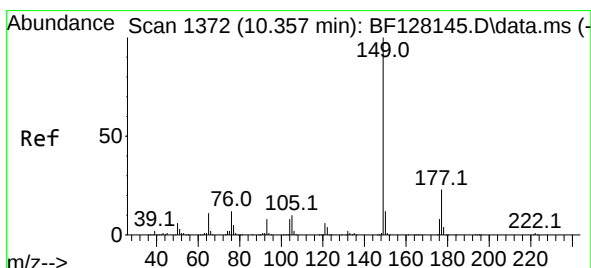
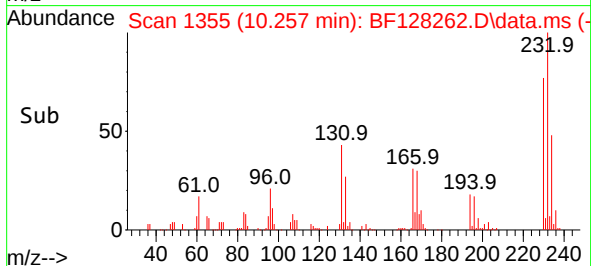
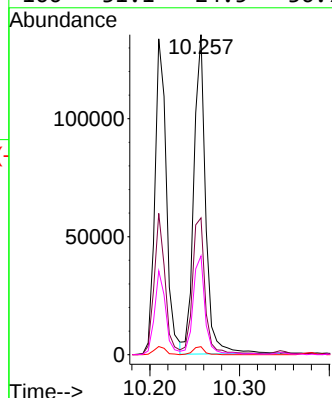
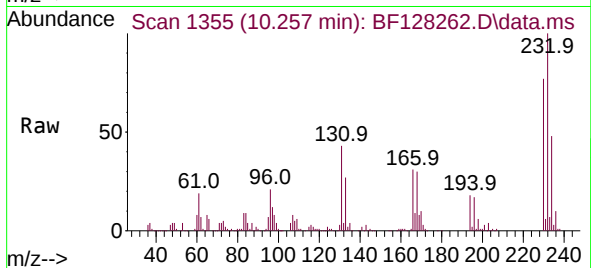




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.693 ng
RT: 10.257 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

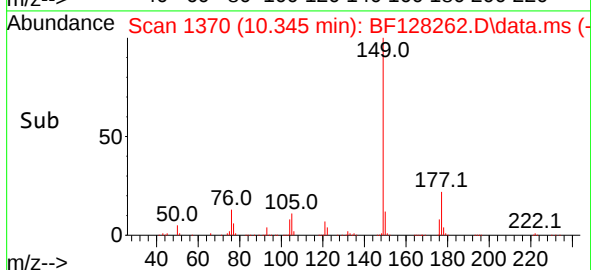
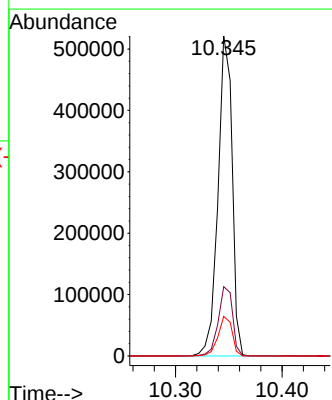
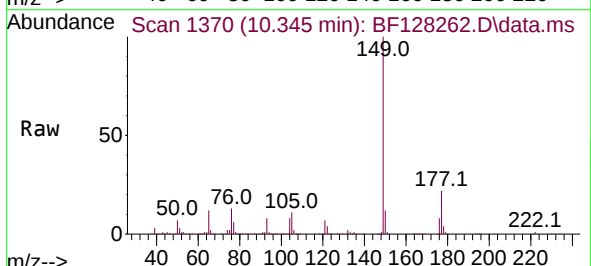
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

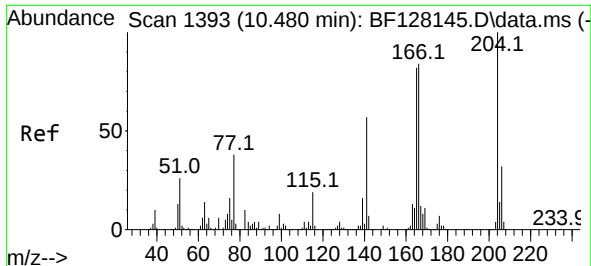
Tgt Ion:232 Resp: 123867
Ion Ratio Lower Upper
232 100
131 45.0 35.4 53.2
130 2.4 1.9 2.9
166 31.1 24.5 36.7



#60
Diethylphthalate
Concen: 48.480 ng
RT: 10.345 min Scan# 1370
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:149 Resp: 478155
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.4 10.2 15.2

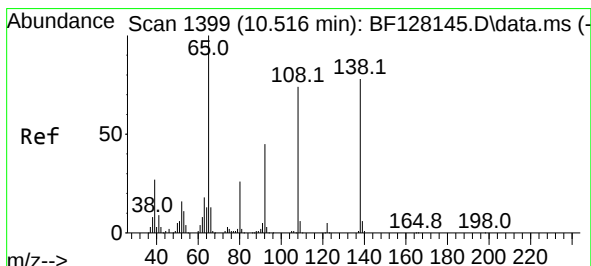
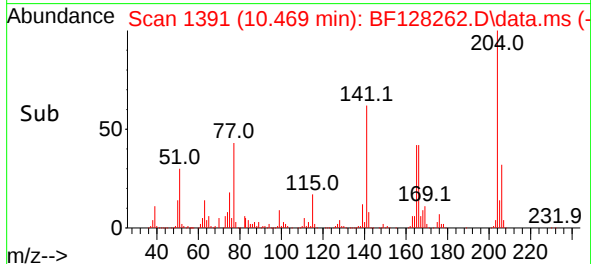
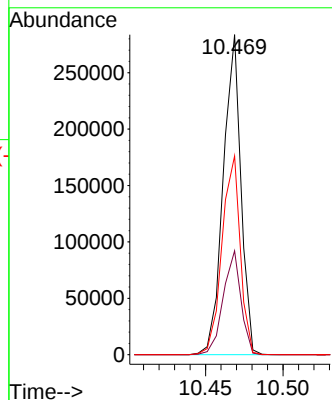
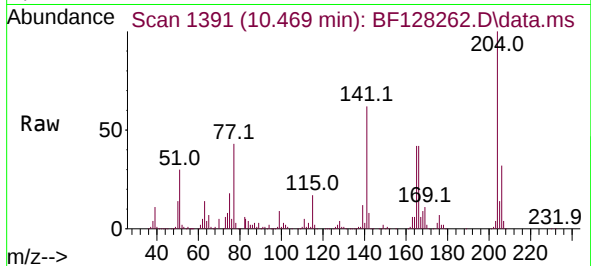




#61
4-Chlorophenyl-phenylether
Concen: 47.032 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

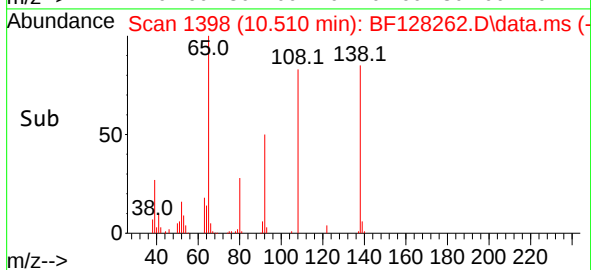
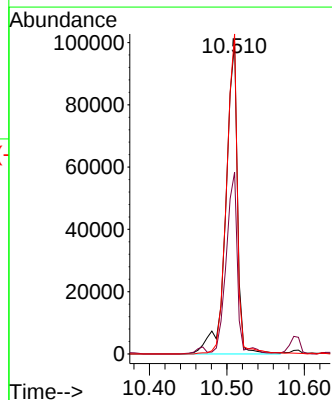
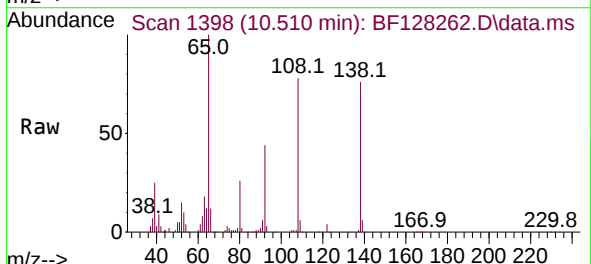
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

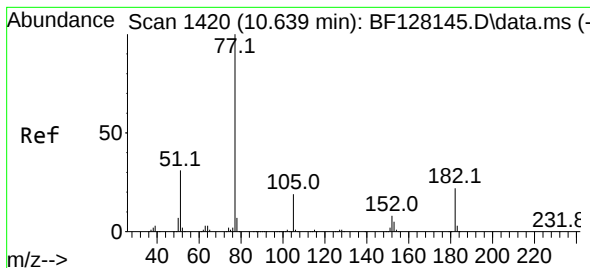
Tgt Ion:204 Resp: 224856
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 62.1 48.7 73.1



#62
4-Nitroaniline
Concen: 43.858 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:138 Resp: 104525
Ion Ratio Lower Upper
138 100
92 58.4 37.4 77.4
108 102.8 68.4 108.4





#63

Azobenzene

Concen: 47.268 ng

RT: 10.628 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

Tgt Ion: 77 Resp: 510509

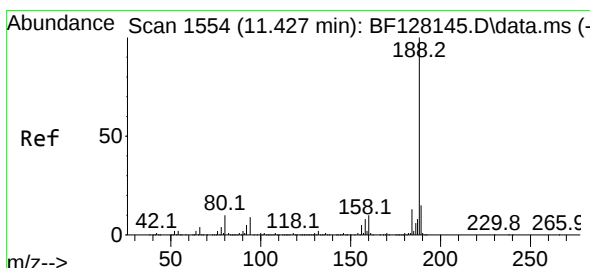
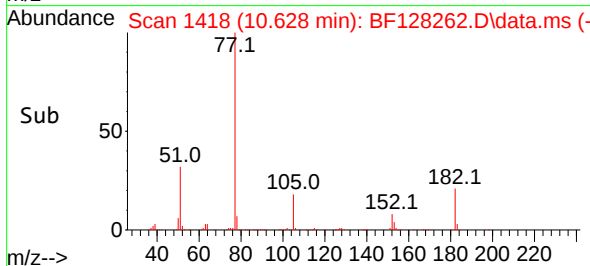
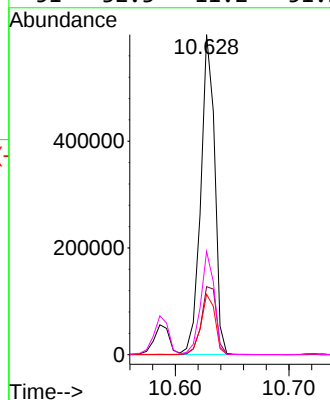
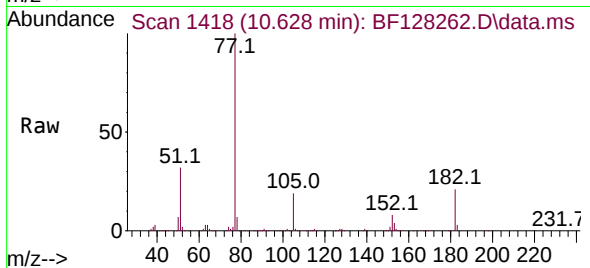
Ion Ratio Lower Upper

77 100

182 21.2 1.2 41.2

105 18.9 0.0 39.8

51 32.3 11.2 51.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1553

Delta R.T. 0.000 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

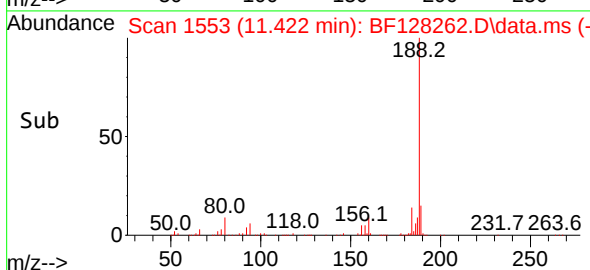
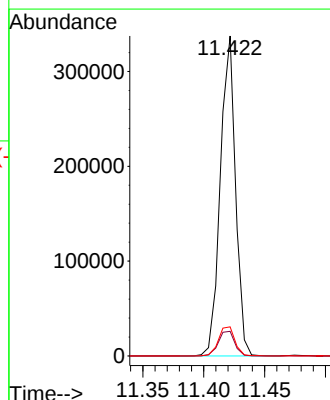
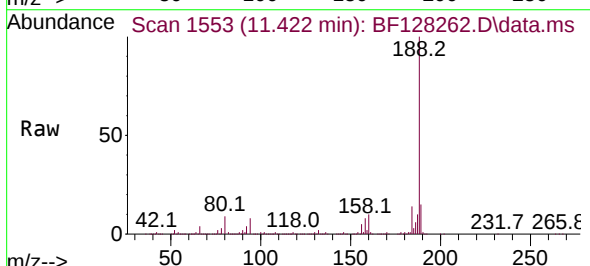
Tgt Ion: 188 Resp: 293543

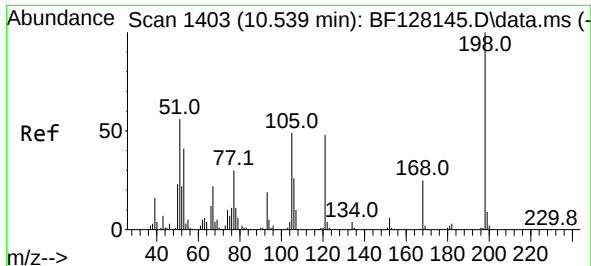
Ion Ratio Lower Upper

188 100

94 7.7 8.0 12.0#

80 9.1 8.9 13.3

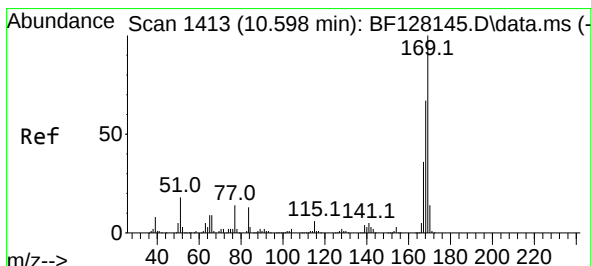
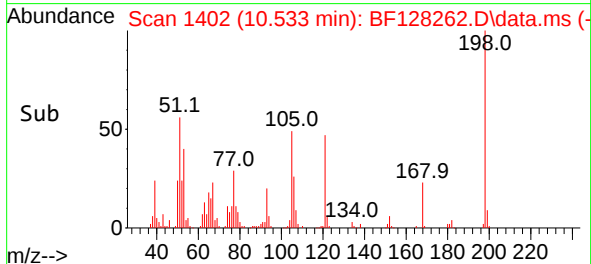
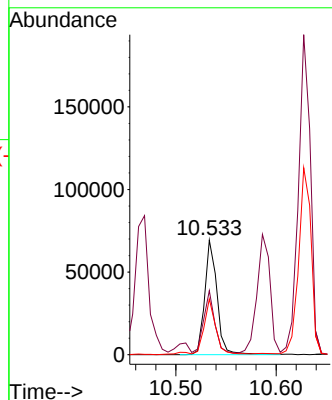
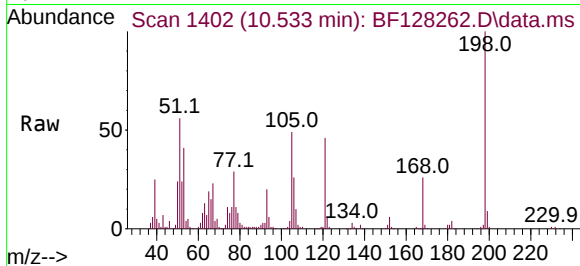




#65
4,6-Dinitro-2-methylphenol
Concen: 32.424 ng
RT: 10.533 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

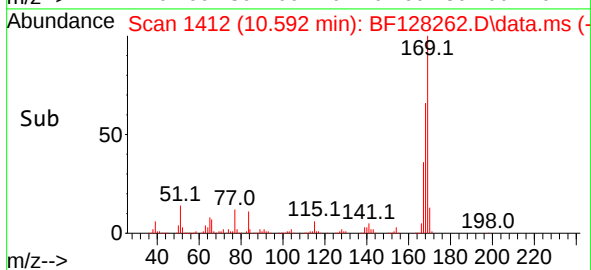
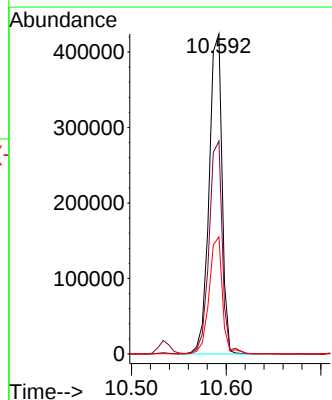
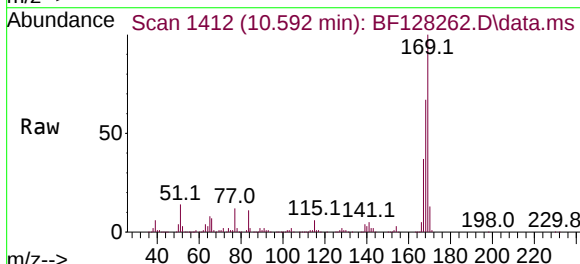
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

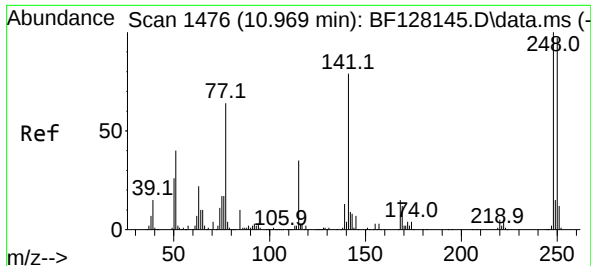
Tgt Ion:198 Resp: 59568
Ion Ratio Lower Upper
198 100
51 55.9 28.4 68.4
105 48.7 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 46.975 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:169 Resp: 401875
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.6
167 36.6 29.5 44.3

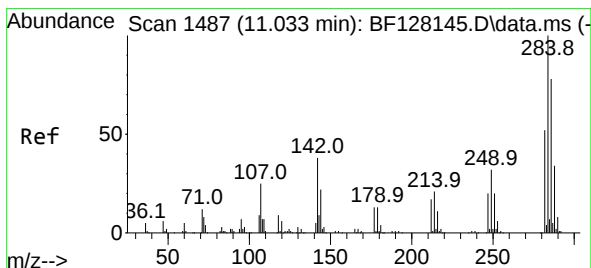
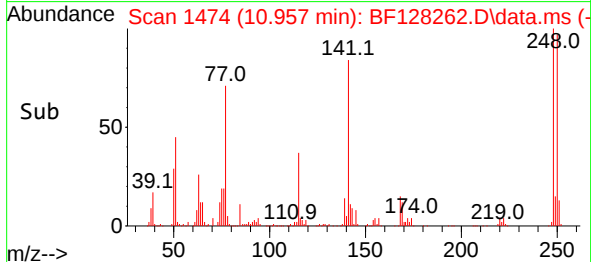
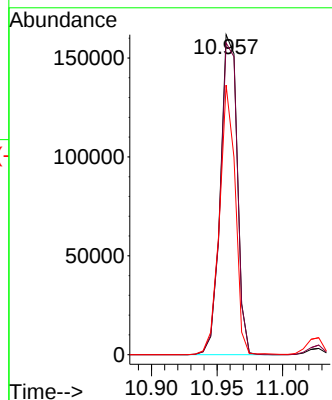
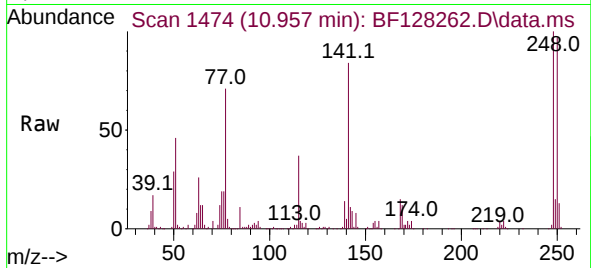




#67
4-Bromophenyl-phenylether
Concen: 45.784 ng
RT: 10.957 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

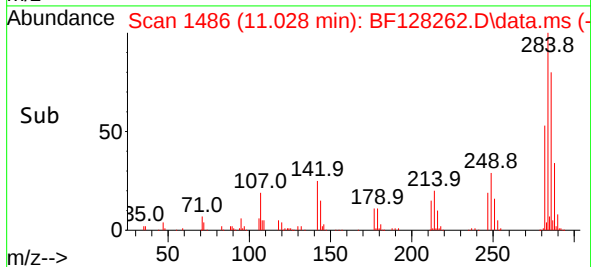
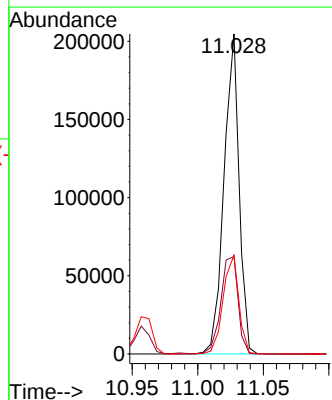
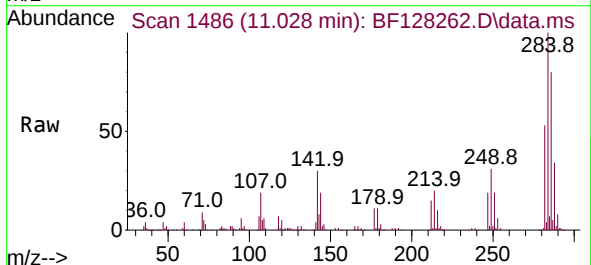
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

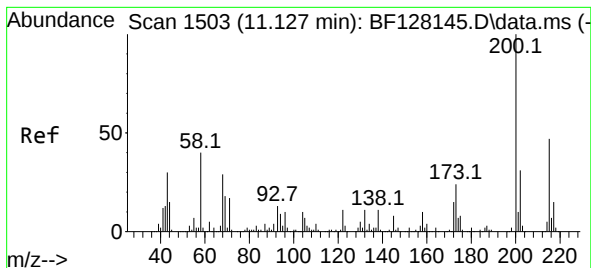
Tgt Ion:248 Resp: 144592
Ion Ratio Lower Upper
248 100
250 97.4 77.7 116.5
141 84.3 65.6 98.4



#68
Hexachlorobenzene
Concen: 47.298 ng
RT: 11.028 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:284 Resp: 163395
Ion Ratio Lower Upper
284 100
142 30.4 30.2 45.4
249 30.9 26.1 39.1





#69

Atrazine

Concen: 50.225 ng

RT: 11.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

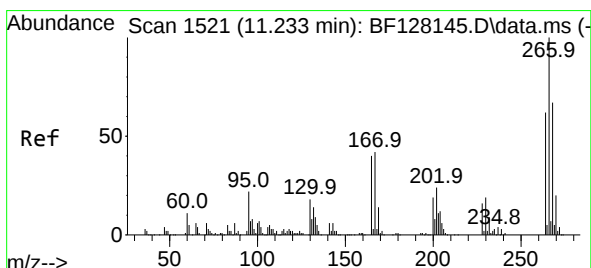
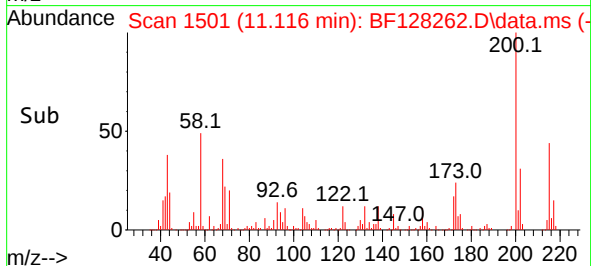
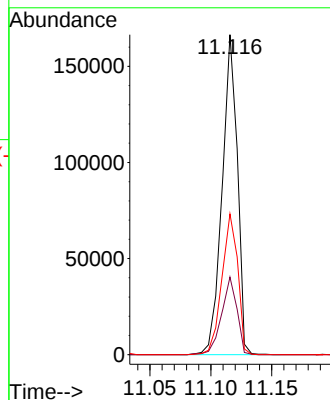
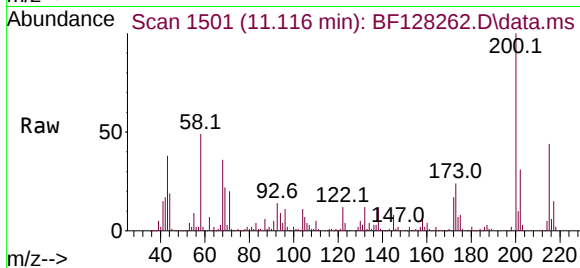
Tgt Ion:200 Resp: 144941

Ion Ratio Lower Upper

200 100

173 24.2 6.0 46.0

215 44.0 28.1 68.1



#70

Pentachlorophenol

Concen: 90.378 ng

RT: 11.228 min Scan# 1520

Delta R.T. 0.000 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

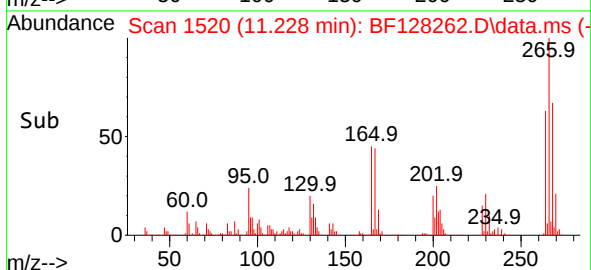
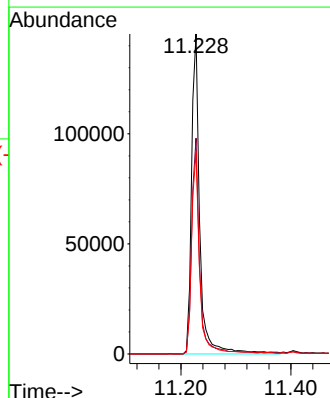
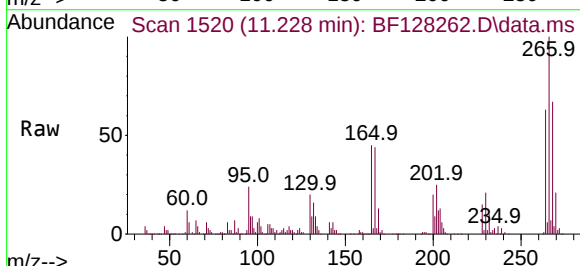
Tgt Ion:266 Resp: 151530

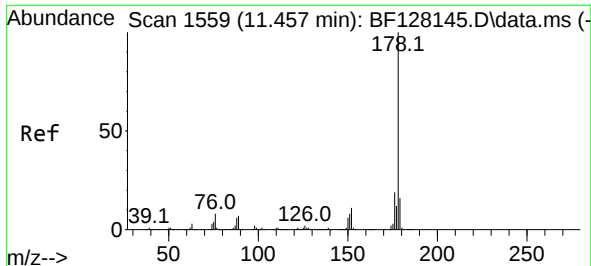
Ion Ratio Lower Upper

266 100

268 67.4 53.0 79.6

264 63.0 53.1 79.7

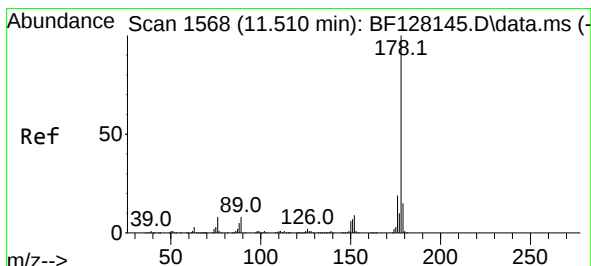
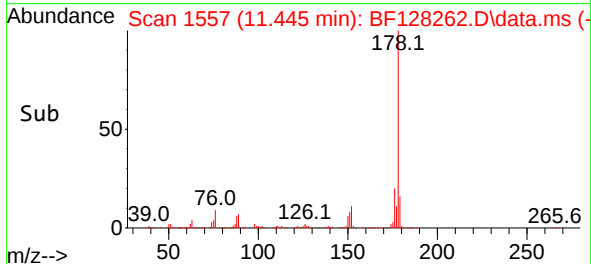
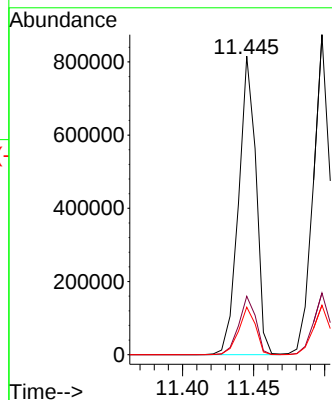
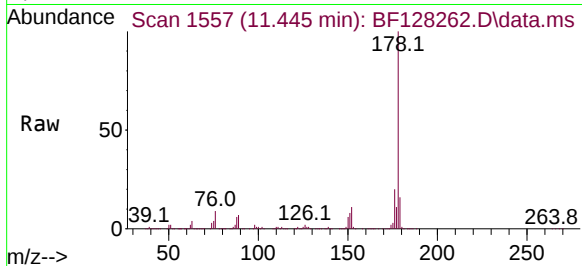




#71
Phenanthrene
Concen: 47.762 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

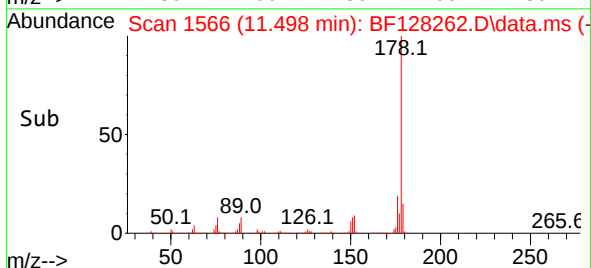
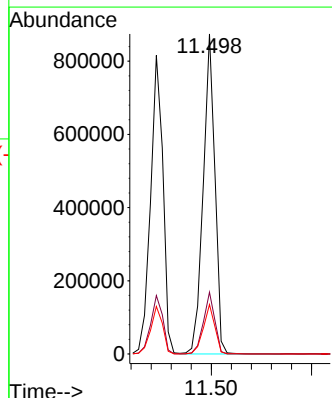
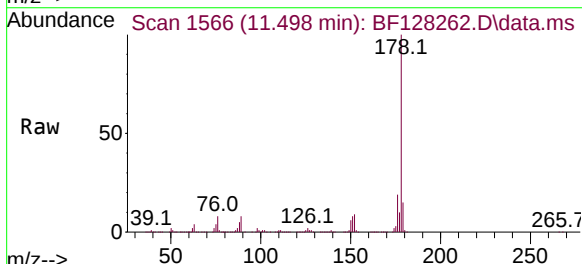
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

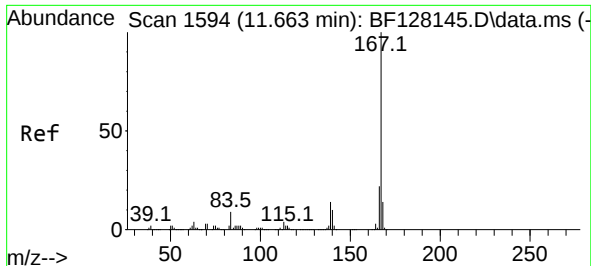
Tgt Ion:178 Resp: 698119
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.9 12.6 19.0



#72
Anthracene
Concen: 48.773 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:178 Resp: 711764
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.5 12.4 18.6

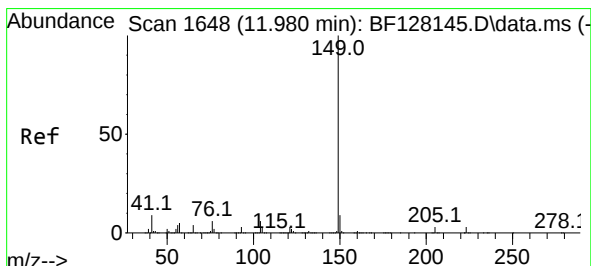
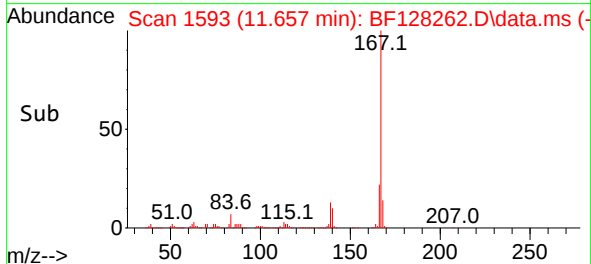
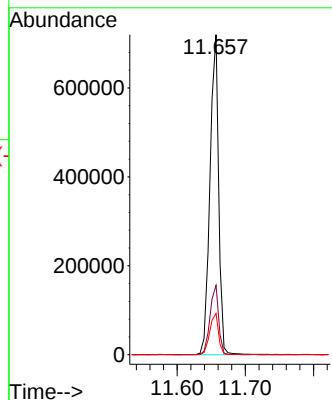
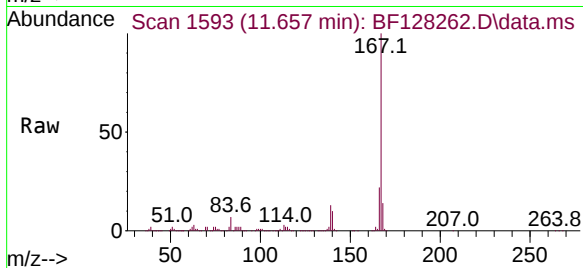




#73
 Carbazole
 Concen: 45.966 ng
 RT: 11.657 min Scan# 1593
 Delta R.T. 0.000 min
 Lab File: BF128262.D
 Acq: 16 May 2022 12:10

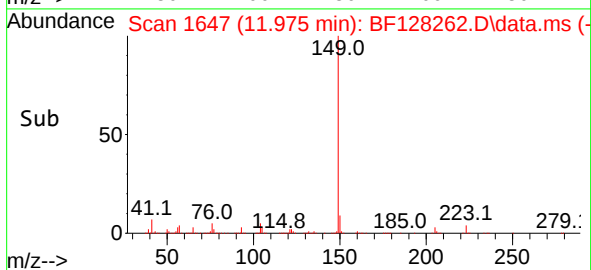
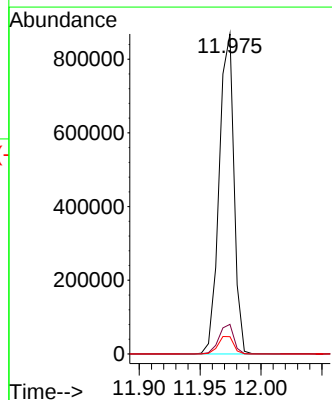
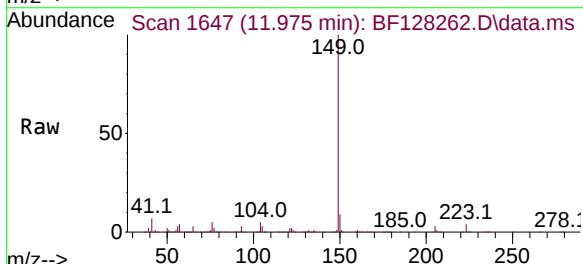
Instrument :
 BNA_F
 ClientSampleId :
 MH-35SMSD

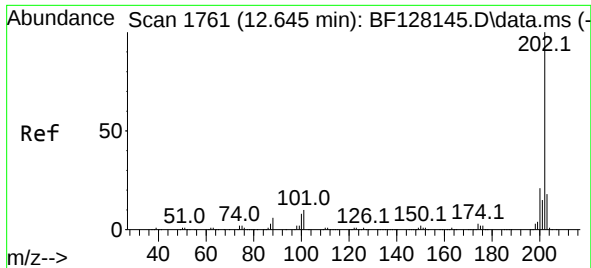
Tgt Ion:167 Resp: 637883
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.9 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 46.220 ng
 RT: 11.975 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: BF128262.D
 Acq: 16 May 2022 12:10

Tgt Ion:149 Resp: 738404
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.4 4.3 6.5

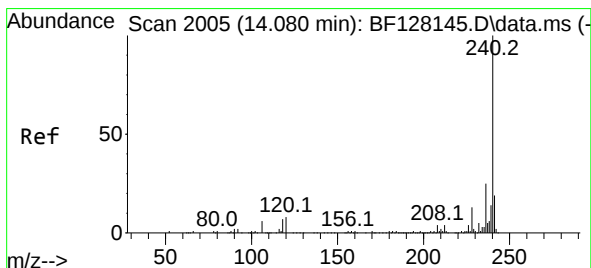
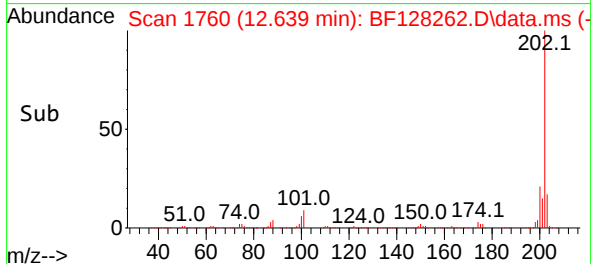
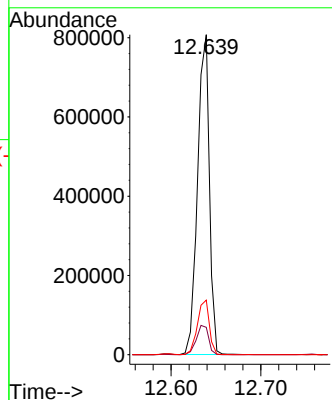
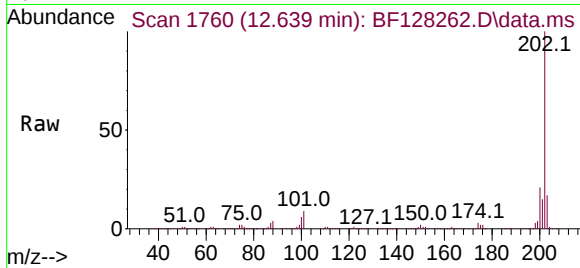




#75
Fluoranthene
Concen: 46.506 ng
RT: 12.639 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

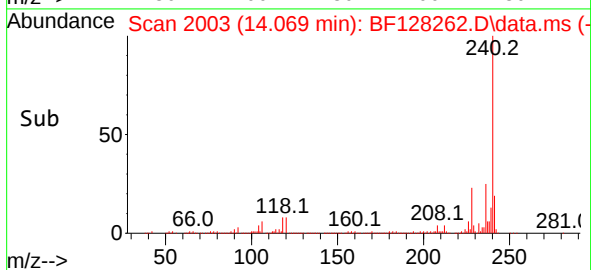
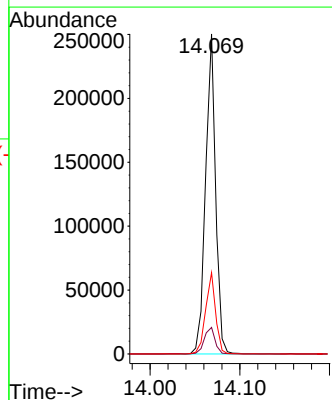
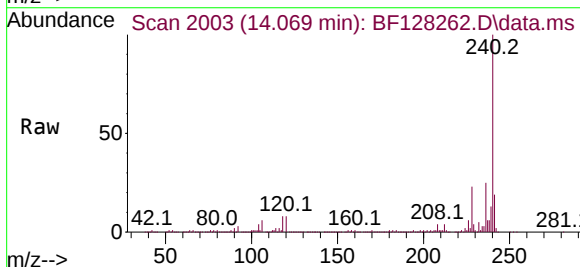
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

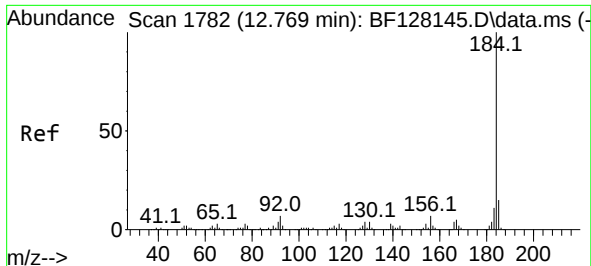
Tgt Ion:202 Resp: 736971
Ion Ratio Lower Upper
202 100
101 8.5 0.0 31.6
203 17.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:240 Resp: 194652
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.4 20.3 30.5

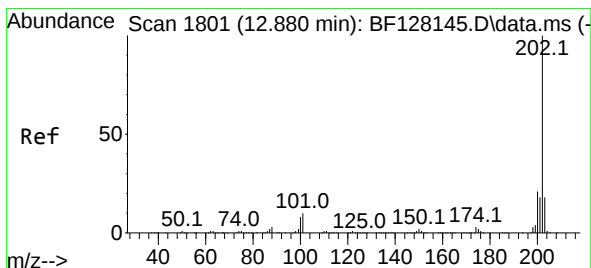
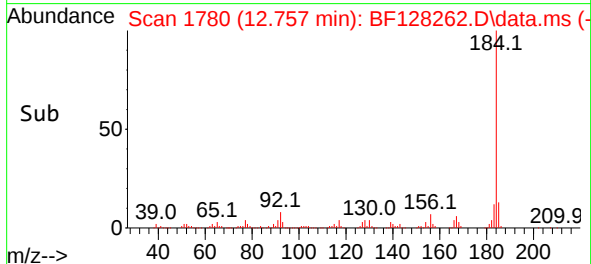
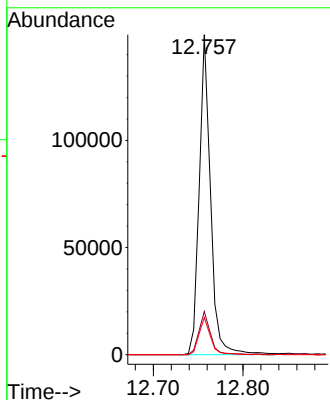
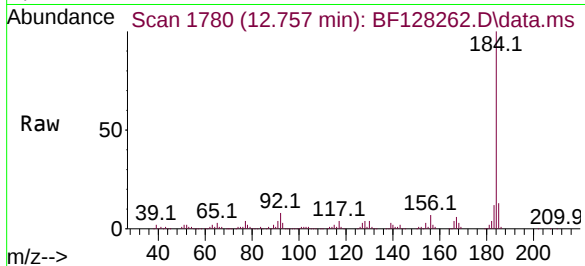




#77
Benzidine
Concen: 31.026 ng
RT: 12.757 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

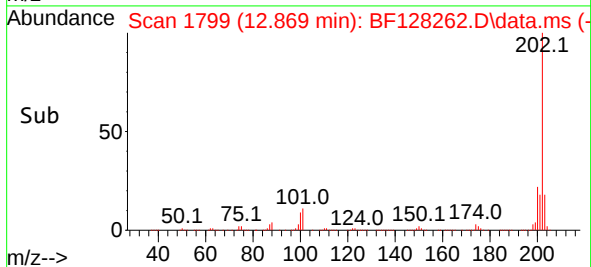
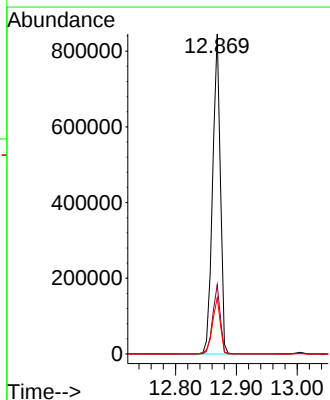
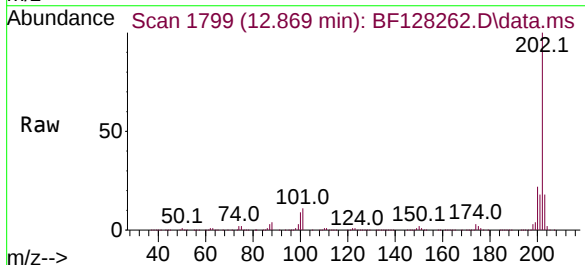
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

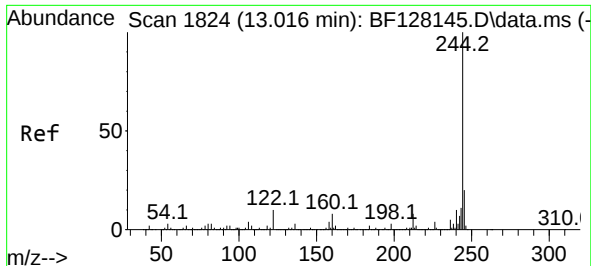
Tgt Ion:184 Resp: 130802
Ion Ratio Lower Upper
184 100
185 13.5 12.1 18.1
183 11.6 9.0 13.4



#78
Pyrene
Concen: 52.814 ng
RT: 12.869 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:202 Resp: 745412
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.5 14.0 21.0

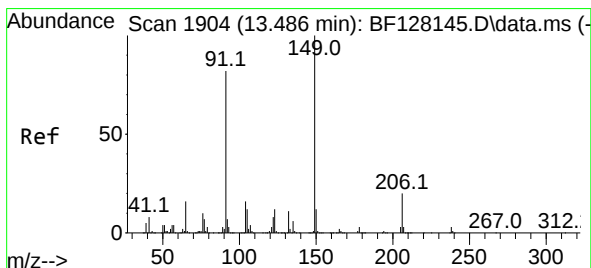
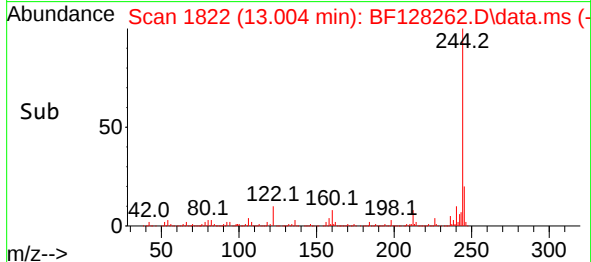
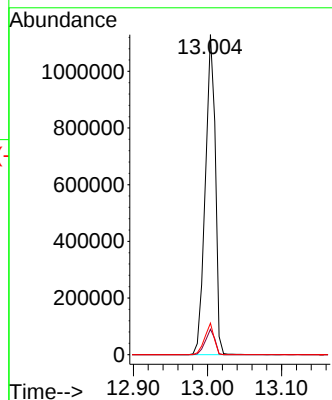
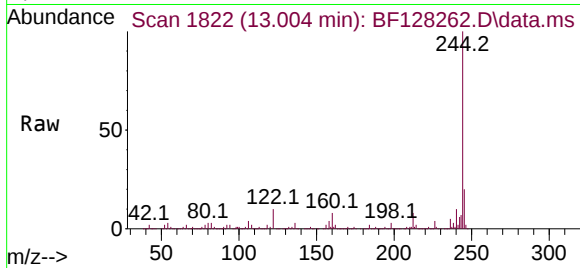




#79
 Terphenyl-d14
 Concen: 102.217 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128262.D
 Acq: 16 May 2022 12:10

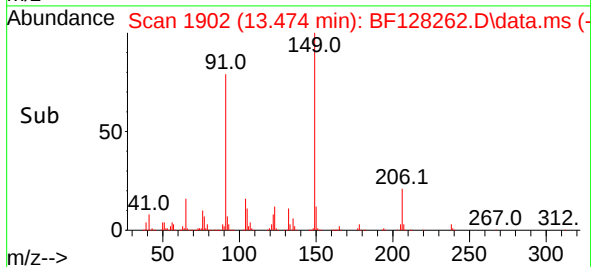
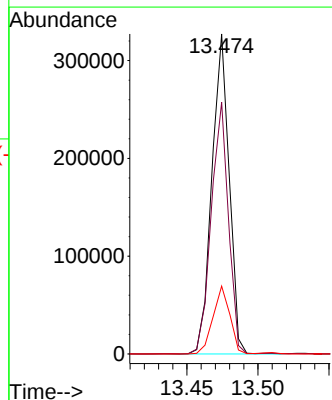
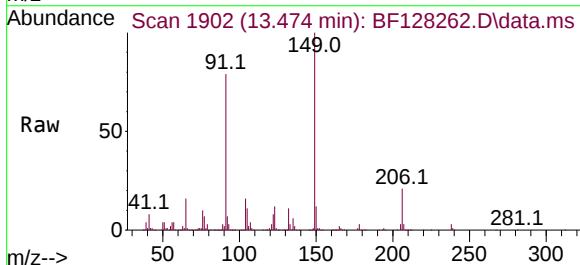
Instrument :
 BNA_F
 ClientSampleId :
 MH-35SMSD

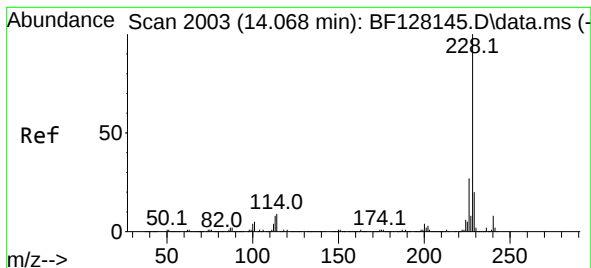
Tgt Ion:244 Resp: 1060356
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 9.9 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 47.183 ng
 RT: 13.474 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: BF128262.D
 Acq: 16 May 2022 12:10

Tgt Ion:149 Resp: 276853
 Ion Ratio Lower Upper
 149 100
 91 78.7 65.8 98.6
 206 21.2 15.4 23.2





#81

Benzo(a)anthracene

Concen: 47.097 ng

RT: 14.057 min Scan# 2003

Delta R.T. 0.000 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

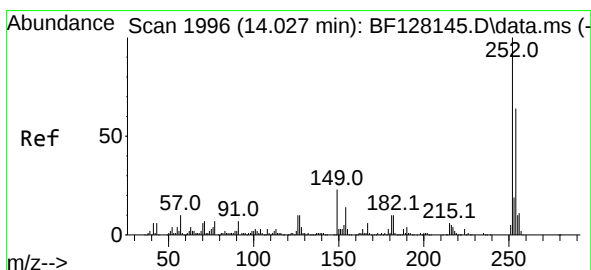
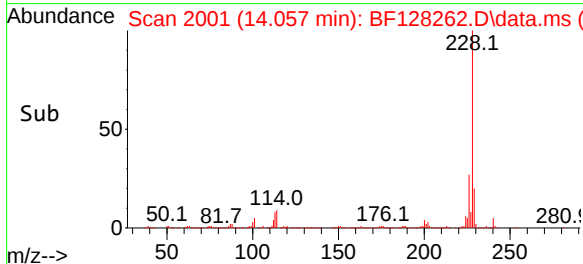
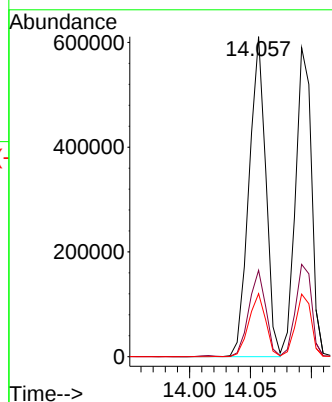
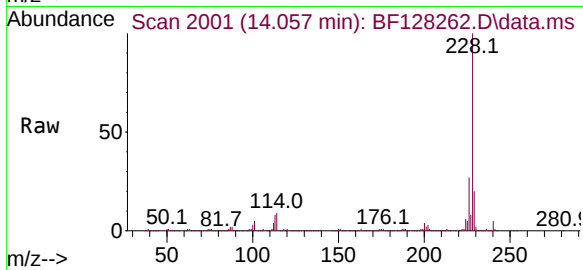
Tgt Ion:228 Resp: 585555

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.7 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 33.193 ng

RT: 14.016 min Scan# 1994

Delta R.T. 0.000 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

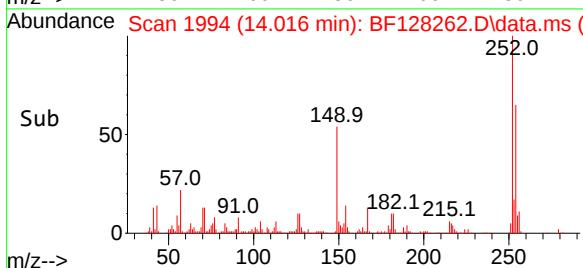
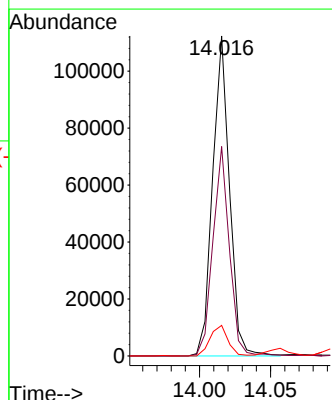
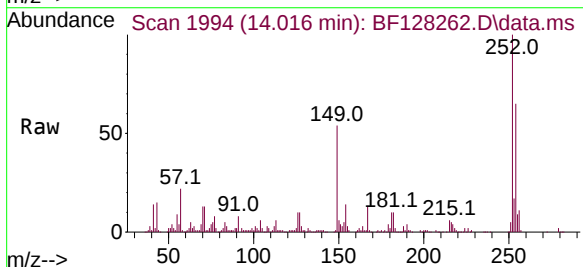
Tgt Ion:252 Resp: 92600

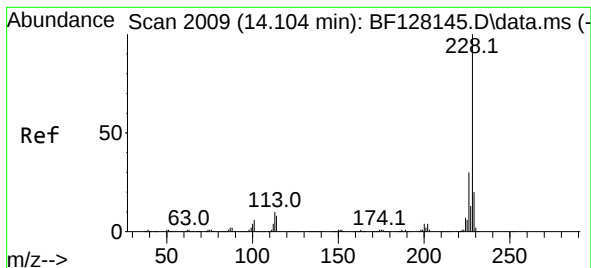
Ion Ratio Lower Upper

252 100

254 65.5 51.6 77.4

126 9.6 8.8 13.2





#83

Chrysene

Concen: 45.492 ng

RT: 14.092 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

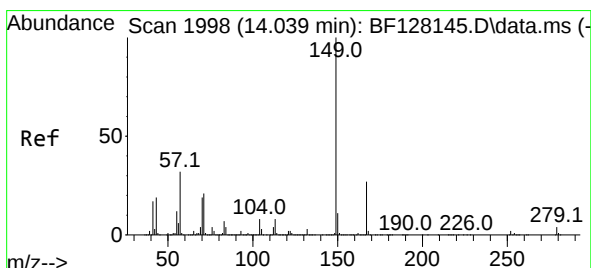
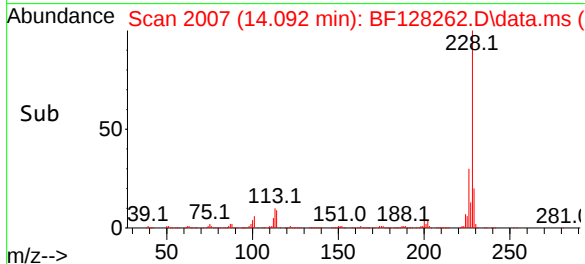
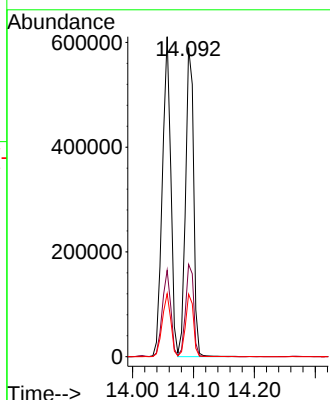
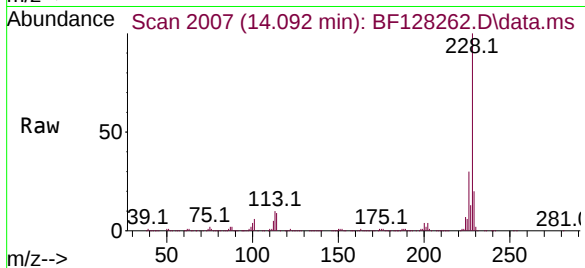
Tgt Ion:228 Resp: 539674

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 20.3 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.847 ng

RT: 14.027 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

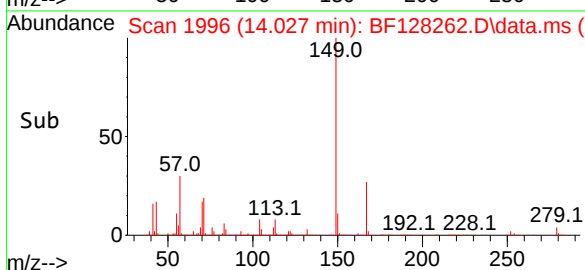
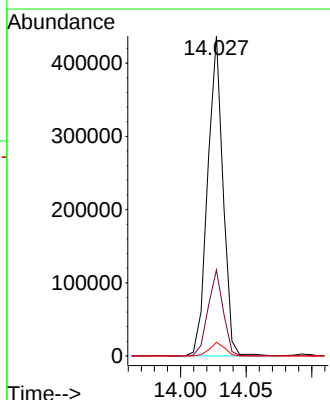
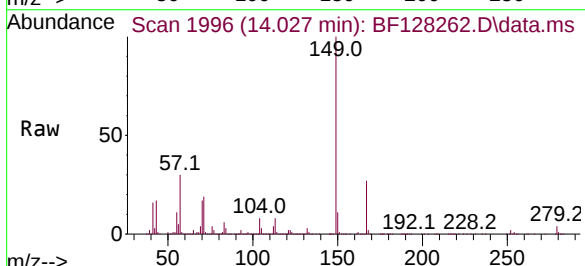
Tgt Ion:149 Resp: 355551

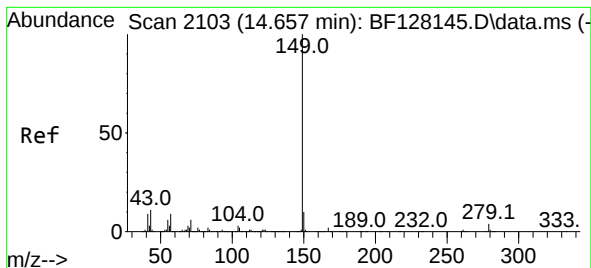
Ion Ratio Lower Upper

149 100

167 26.9 22.0 33.0

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 40.999 ng

RT: 14.639 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

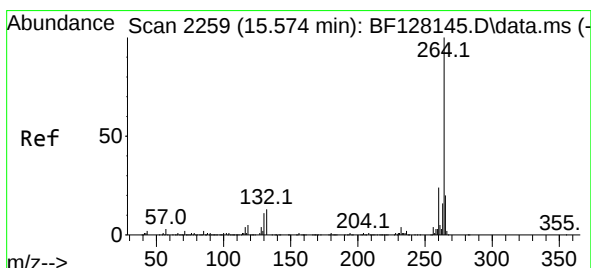
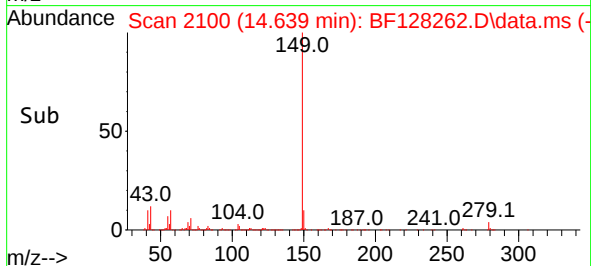
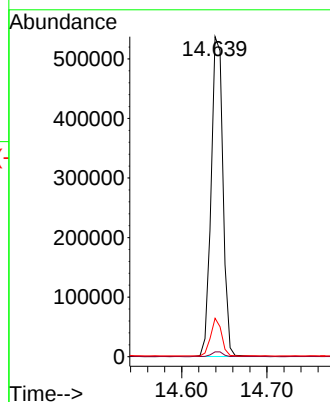
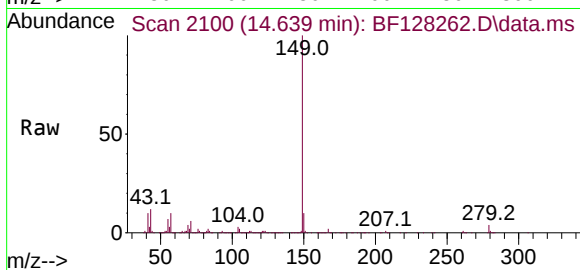
Tgt Ion:149 Resp: 519220

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 10.8 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2256

Delta R.T. -0.006 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

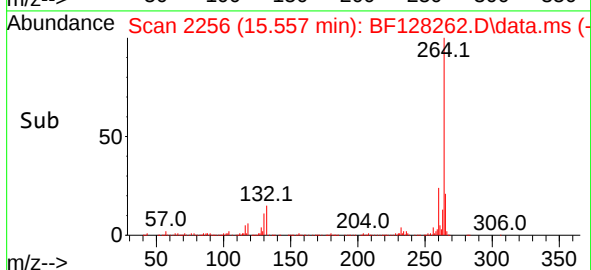
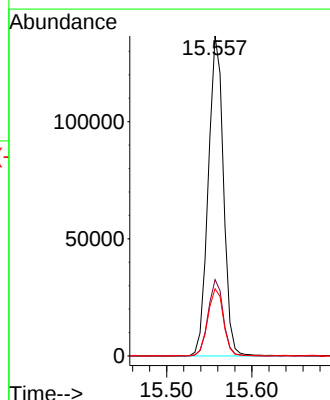
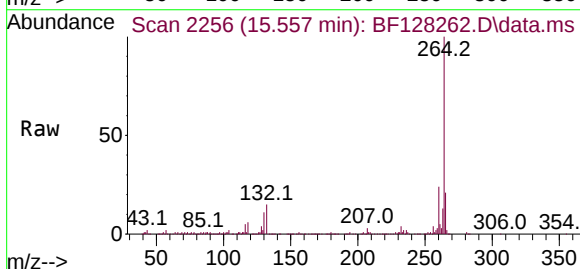
Tgt Ion:264 Resp: 169451

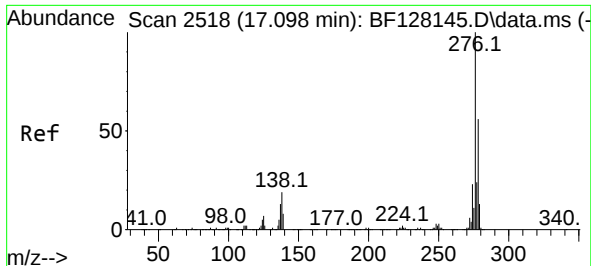
Ion Ratio Lower Upper

264 100

260 23.9 20.1 30.1

265 21.0 17.5 26.3

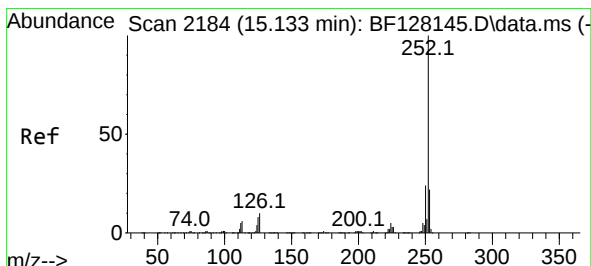
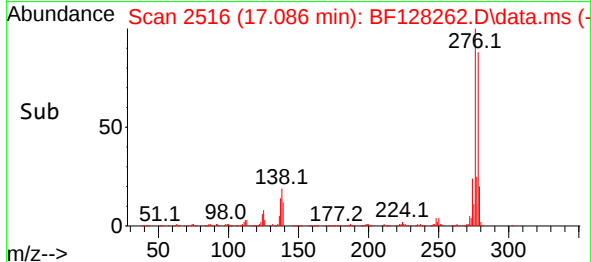
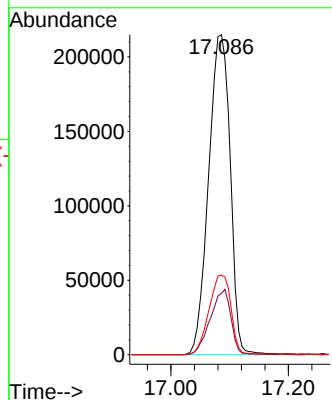
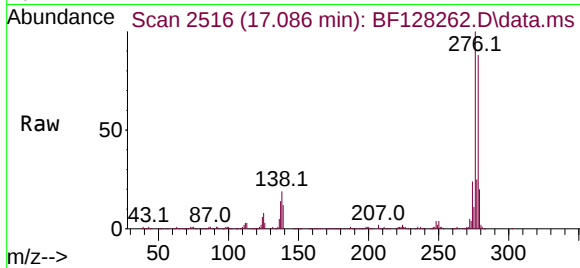




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.566 ng
RT: 17.086 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

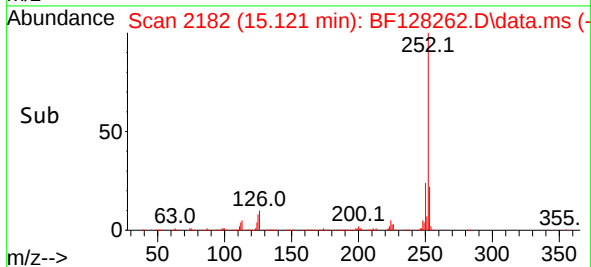
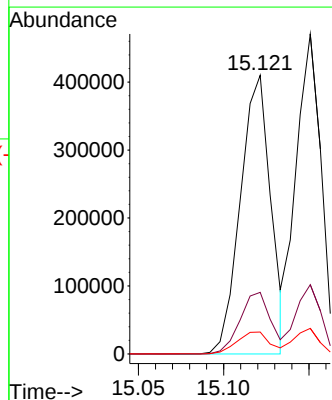
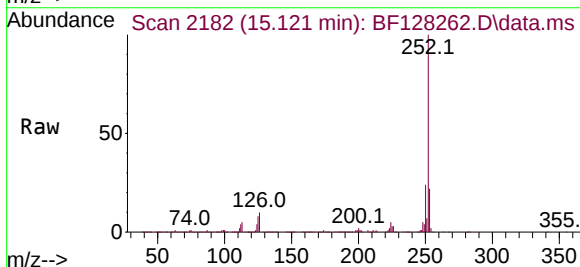
Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

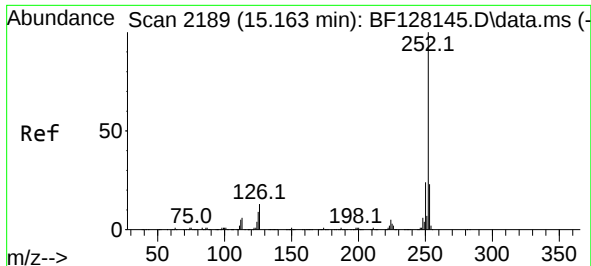
Tgt Ion:276 Resp: 549071
Ion Ratio Lower Upper
276 100
138 19.5 19.0 28.4
277 25.3 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 48.358 ng
RT: 15.121 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:252 Resp: 507958
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 7.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 46.703 ng

RT: 15.151 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

Instrument :

BNA_F

ClientSampleId :

MH-35SMSD

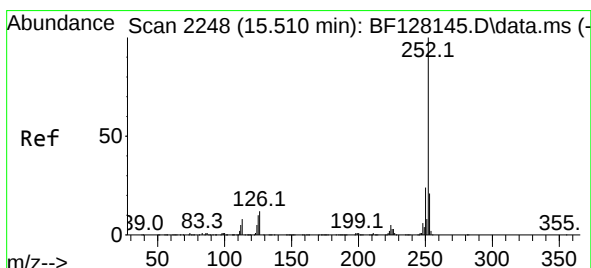
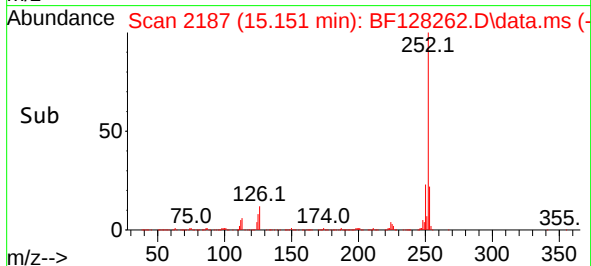
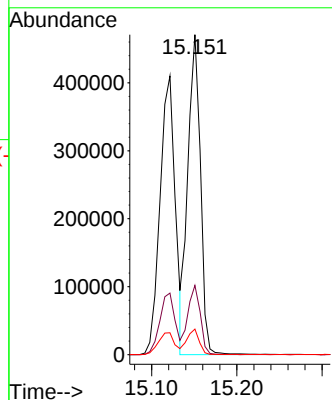
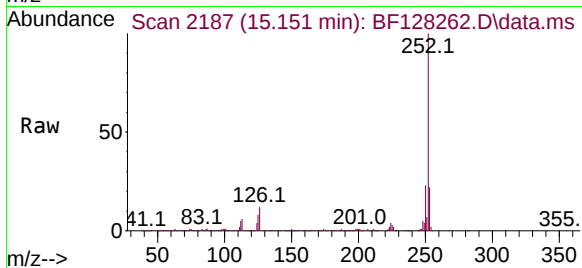
Tgt Ion:252 Resp: 484258

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.4

125 8.0 6.8 10.2



#90

Benzo(a)pyrene

Concen: 56.175 ng

RT: 15.498 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF128262.D

Acq: 16 May 2022 12:10

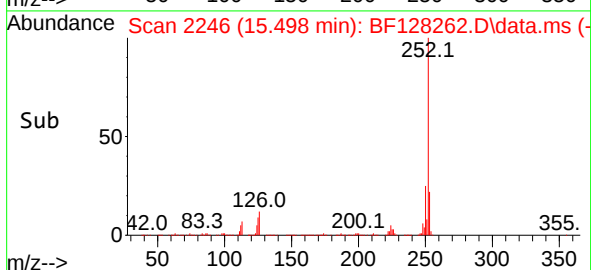
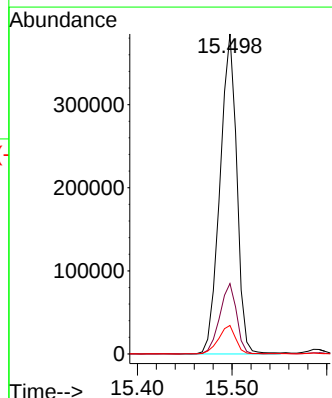
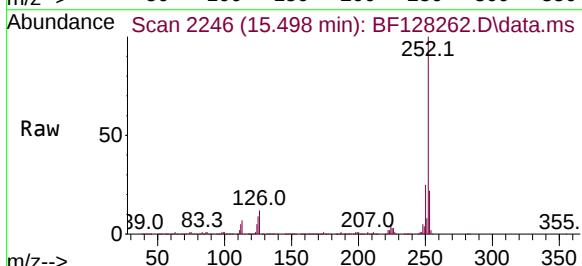
Tgt Ion:252 Resp: 476380

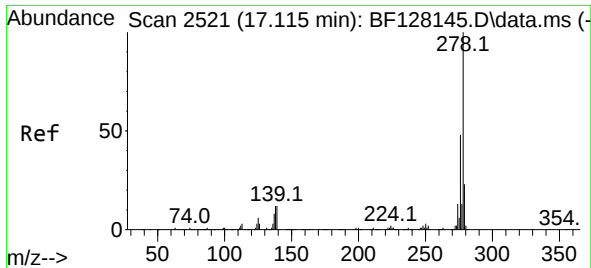
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.9 9.2 13.8#

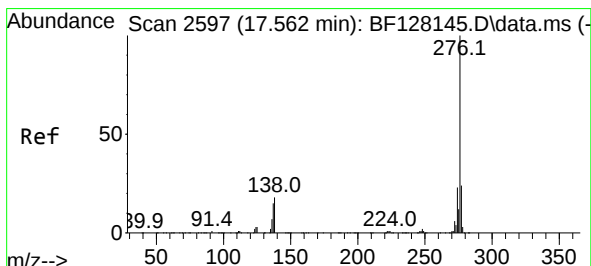
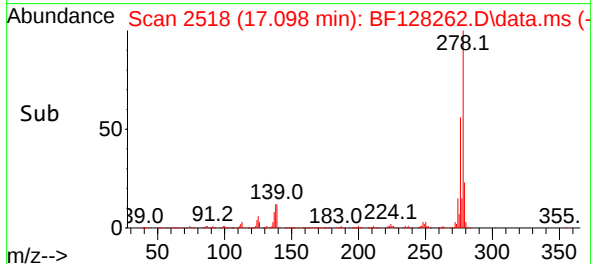
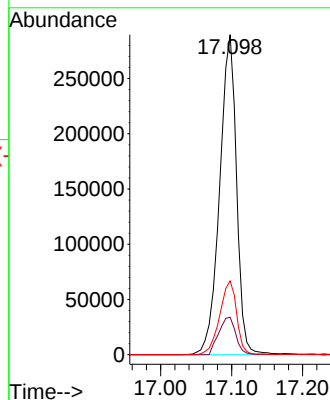
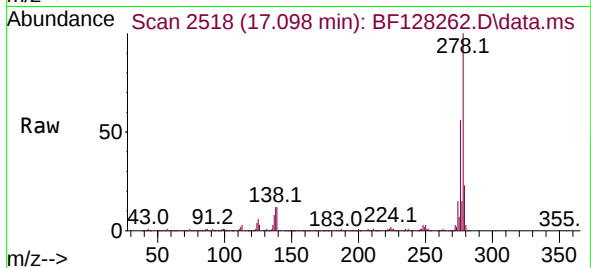




#91
Dibenzo(a,h)anthracene
Concen: 57.567 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Instrument :
BNA_F
ClientSampleId :
MH-35SMSD

Tgt Ion:278 Resp: 477725
Ion Ratio Lower Upper
278 100
139 11.7 12.6 19.0#
279 23.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 56.867 ng
RT: 17.545 min Scan# 2594
Delta R.T. -0.006 min
Lab File: BF128262.D
Acq: 16 May 2022 12:10

Tgt Ion:276 Resp: 477827
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 17.2 16.2 24.2

