

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140807.D
 Acq On : 10 Dec 2024 15:49
 Operator : RC/JU
 Sample : P5174-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Quant Time: Dec 10 17:14:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85633	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	326657	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	183763	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	313078	20.000	ng	0.00
76) Chrysene-d12	14.051	240	150565	20.000	ng	0.00
86) Perylene-d12	15.551	264	125517	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	687107	136.904	ng	0.03
7) Phenol-d6	6.522	99	842298	126.946	ng	0.00
23) Nitrobenzene-d5	7.434	82	623609	97.649	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	283431	144.213	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1198361	97.163	ng	-0.01
79) Terphenyl-d14	12.980	244	922774	95.433	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	83912	39.765	ng	# 83
3) Pyridine	3.604	79	149130	32.120	ng	99
4) n-Nitrosodimethylamine	3.499	42	112983	41.404	ng	# 91
6) Aniline	6.604	93	252539	54.075	ng	# 36
8) 2-Chlorophenol	6.663	128	277026	51.305	ng	96
9) Benzaldehyde	6.422	77	42184	12.010	ng	98
10) Phenol	6.540	94	299848	44.251	ng	82
11) bis(2-Chloroethyl)ether	6.604	93	252539	48.703	ng	99
12) 1,3-Dichlorobenzene	6.804	146	262236	43.222	ng	98
13) 1,4-Dichlorobenzene	6.881	146	271017	44.116	ng	99
14) 1,2-Dichlorobenzene	7.034	146	258331	44.876	ng	100
15) Benzyl Alcohol	7.022	79	244326	49.654	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	310602	50.704	ng	67
17) 2-Methylphenol	7.140	107	213211	49.328	ng	95
18) Hexachloroethane	7.375	117	102176	44.532	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	203434	51.879	ng	98
20) 3+4-Methylphenols	7.293	107	287080	51.673	ng	# 69
22) Acetophenone	7.275	105	385816	48.447	ng	# 92
24) Nitrobenzene	7.451	77	298351	45.202	ng	98
25) Isophorone	7.698	82	547516	51.402	ng	99
26) 2-Nitrophenol	7.769	139	151184	51.687	ng	95
27) 2,4-Dimethylphenol	7.810	122	218630	62.471	ng	97
28) bis(2-Chloroethoxy)met...	7.892	93	330702	50.963	ng	99
29) 2,4-Dichlorophenol	8.022	162	244556	52.736	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	242792	45.855	ng	99
31) Naphthalene	8.169	128	822355	48.875	ng	99
32) Benzoic acid	7.957	122	128229	42.988	ng	94
33) 4-Chloroaniline	8.169	127	108254	21.489	ng	# 33
34) Hexachlorobutadiene	8.275	225	158044	45.065	ng	99
35) Caprolactam	8.639	113	56753	39.546	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	259831	50.044	ng	99
37) 2-Methylnaphthalene	8.857	142	564473	52.819	ng	98
38) 1-Methylnaphthalene	8.957	142	511538	48.832	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	268691	49.946	ng	100
41) Hexachlorocyclopentadiene	9.004	237	117170	95.357	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	178965	53.016	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140807.D
 Acq On : 10 Dec 2024 15:49
 Operator : RC/JU
 Sample : P5174-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

Quant Time: Dec 10 17:14:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

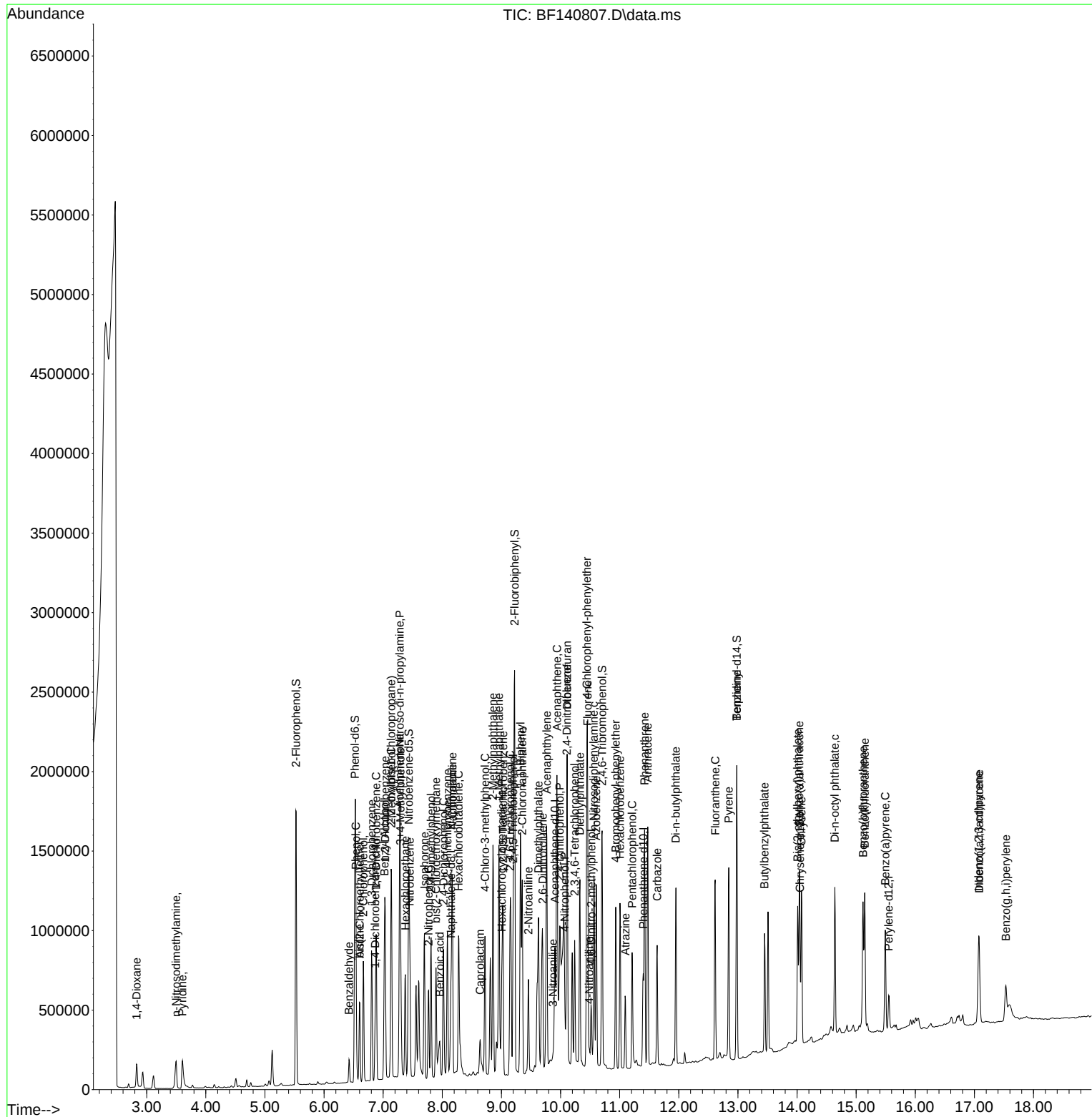
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	179211	48.917	ng	98
46) 1,1'-Biphenyl	9.322	154	703208	51.255	ng	100
47) 2-Chloronaphthalene	9.351	162	515751	49.611	ng	99
48) 2-Nitroaniline	9.457	65	144334	43.254	ng	94
49) Acenaphthylene	9.769	152	850091	54.120	ng	100
50) Dimethylphthalate	9.628	163	636830	52.620	ng	100
51) 2,6-Dinitrotoluene	9.698	165	132466	48.261	ng	91
52) Acenaphthene	9.939	154	512472	51.348	ng	99
53) 3-Nitroaniline	9.875	138	7291	2.716	ng	# 88
54) 2,4-Dinitrophenol	9.986	184	92537	66.554	ng	97
55) Dibenzofuran	10.110	168	781318	51.324	ng	100
56) 4-Nitrophenol	10.069	139	94987	51.882	ng	89
57) 2,4-Dinitrotoluene	10.104	165	172926	47.404	ng	# 93
58) Fluorene	10.457	166	618227	50.594	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	149590	53.129	ng	94
60) Diethylphthalate	10.328	149	631102	51.324	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	313172	52.224	ng	96
62) 4-Nitroaniline	10.486	138	26899	9.554	ng	92
63) Azobenzene	10.604	77	604672	51.927	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	73912	46.200	ng	95
66) n-Nitrosodiphenylamine	10.563	169	460818	49.772	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	183146	56.803	ng	97
68) Hexachlorobenzene	11.004	284	207836	55.670	ng	97
69) Atrazine	11.098	200	82165	31.546	ng	98
70) Pentachlorophenol	11.210	266	138861	84.510	ng	100
71) Phenanthrene	11.422	178	807702	53.670	ng	99
72) Anthracene	11.475	178	822432	55.867	ng	99
73) Carbazole	11.633	167	466419	32.935	ng	99
74) Di-n-butylphthalate	11.951	149	814955	49.845	ng	100
75) Fluoranthene	12.616	202	694266	42.489	ng	100
77) Benzidine	12.980	184	12403	2.833	ng	# 92
78) Pyrene	12.845	202	711243	51.089	ng	99
80) Butylbenzylphthalate	13.451	149	246981	49.247	ng	98
81) Benzo(a)anthracene	14.039	228	542393	54.420	ng	100
83) Chrysene	14.074	228	508835	55.833	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	354556	55.989	ng	97
85) Di-n-octyl phthalate	14.639	149	632984	73.141	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	333011	40.711	ng	99
88) Benzo(b)fluoranthene	15.116	252	503677	63.887	ng	99
89) Benzo(k)fluoranthene	15.145	252	435716	63.156	ng	99
90) Benzo(a)pyrene	15.492	252	409201	63.835	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	272774	40.719	ng	99
92) Benzo(g,h,i)perylene	17.533	276	237820	34.790	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
Data File : BF140807.D
Acq On : 10 Dec 2024 15:49
Operator : RC/JU
Sample : P5174-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Quant Time: Dec 10 17:14:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

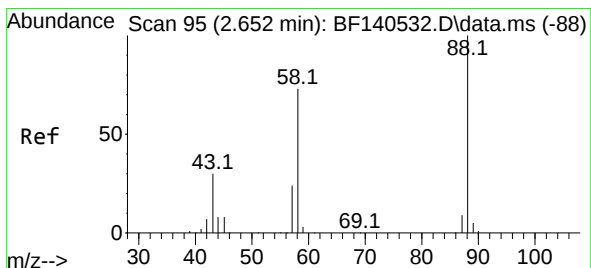
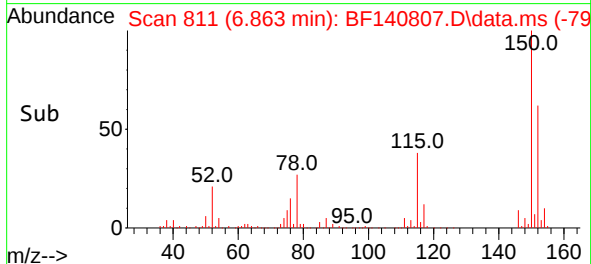
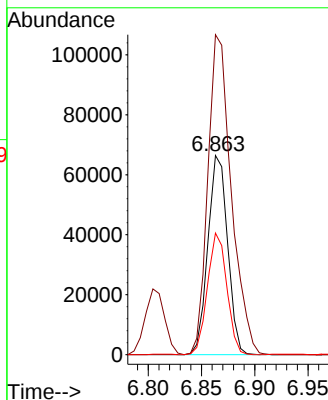
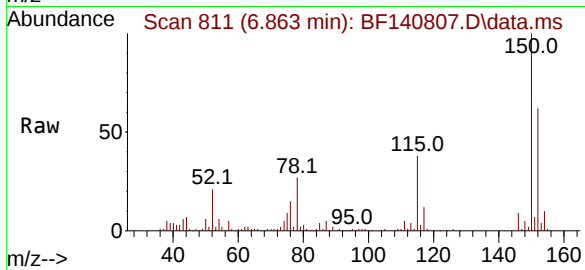




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140807.D
 Acq: 10 Dec 2024 15:49

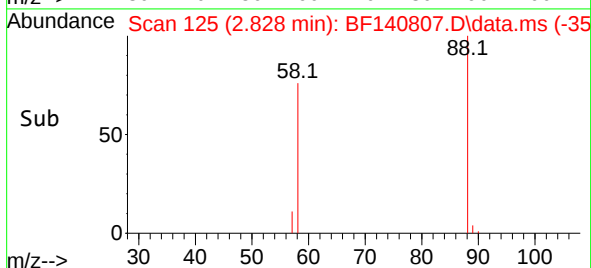
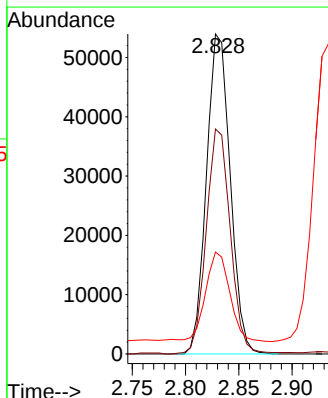
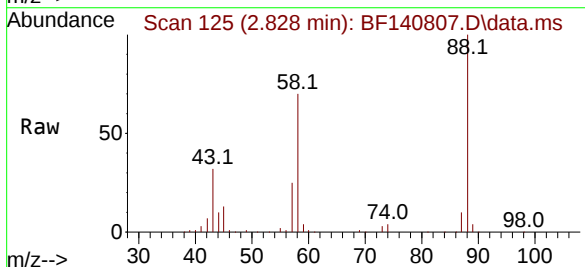
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

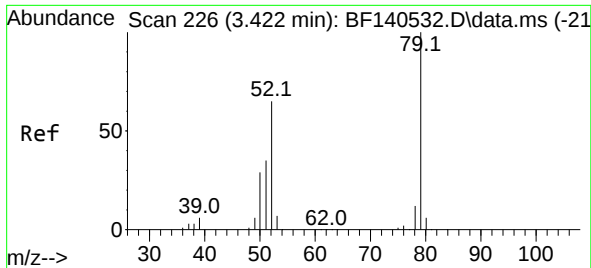
Tgt Ion:152 Resp: 85633
 Ion Ratio Lower Upper
 152 100
 150 160.6 128.5 192.7
 115 61.0 50.2 75.4



#2
 1,4-Dioxane
 Concen: 39.765 ng
 RT: 2.828 min Scan# 125
 Delta R.T. 0.177 min
 Lab File: BF140807.D
 Acq: 10 Dec 2024 15:49

Tgt Ion: 88 Resp: 83912
 Ion Ratio Lower Upper
 88 100
 58 71.3 57.4 86.2
 43 0.0 24.3 36.5





#3

Pyridine

Concen: 32.120 ng

RT: 3.604 min Scan# 21

Delta R.T. 0.182 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

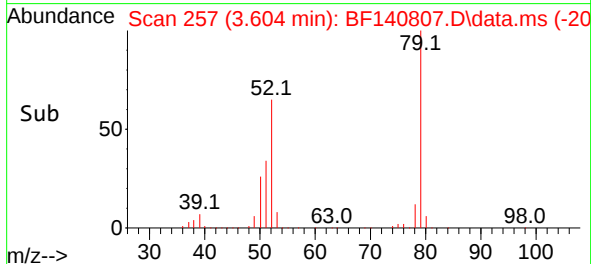
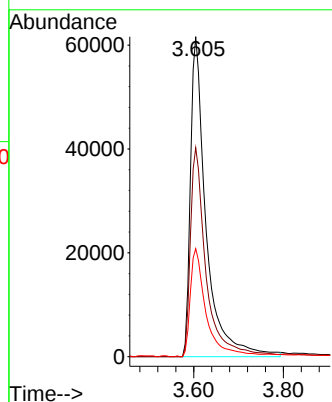
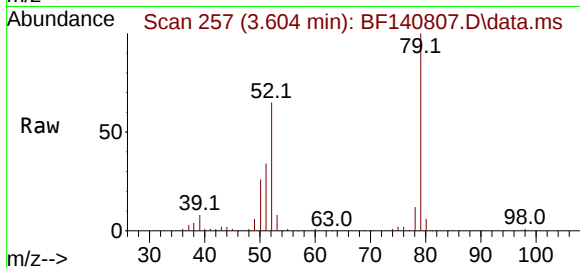
Tgt Ion: 79 Resp: 149130

Ion Ratio Lower Upper

79 100

52 65.3 52.1 78.1

51 33.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 41.404 ng

RT: 3.499 min Scan# 239

Delta R.T. 0.118 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

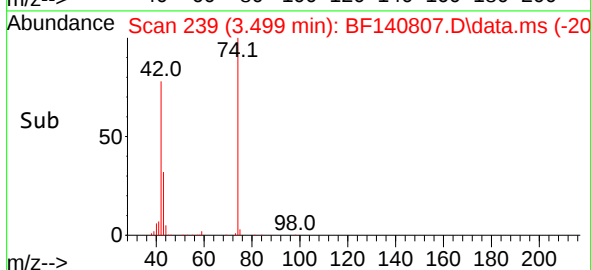
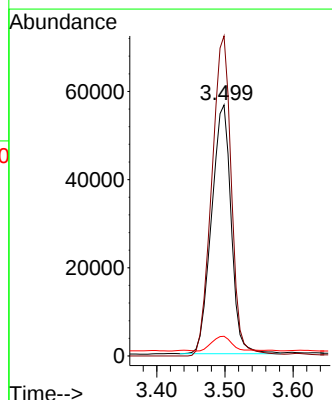
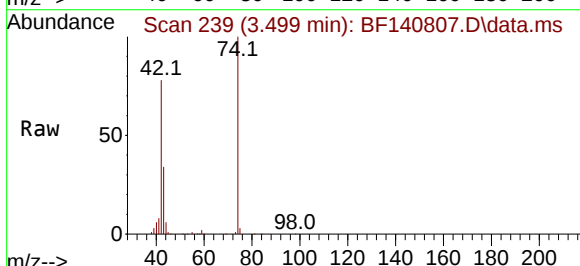
Tgt Ion: 42 Resp: 112983

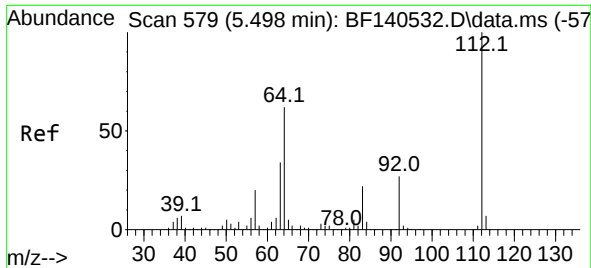
Ion Ratio Lower Upper

42 100

74 127.5 93.8 140.6

44 7.8 4.6 6.8#

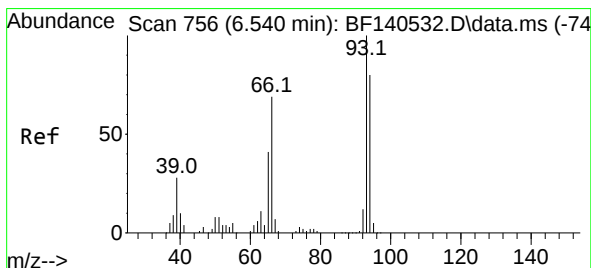
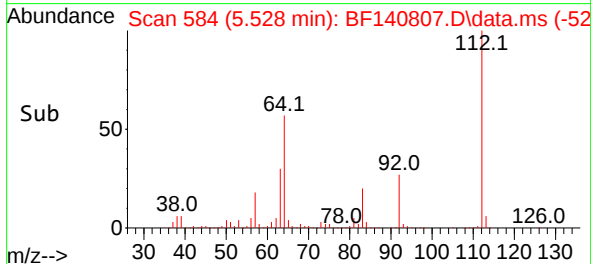
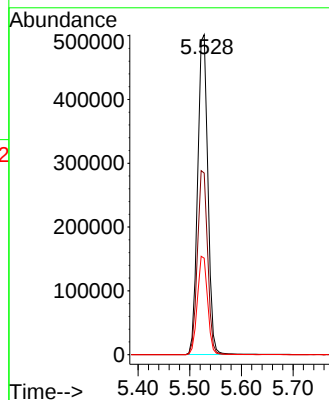
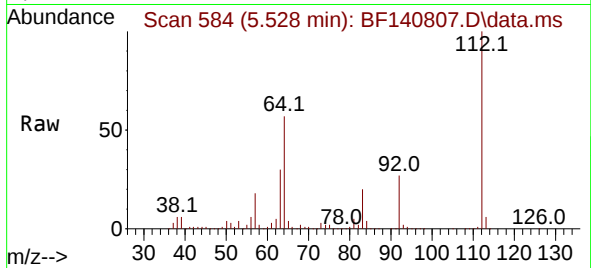




#5
2-Fluorophenol
Concen: 136.904 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

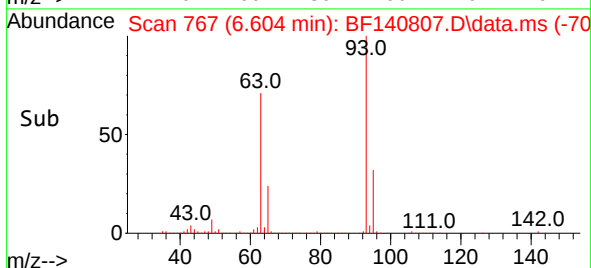
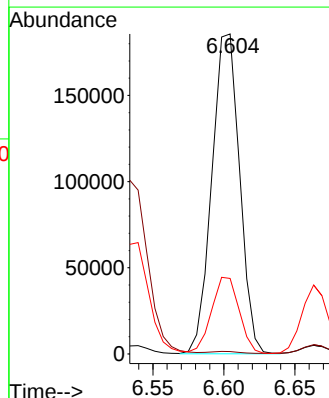
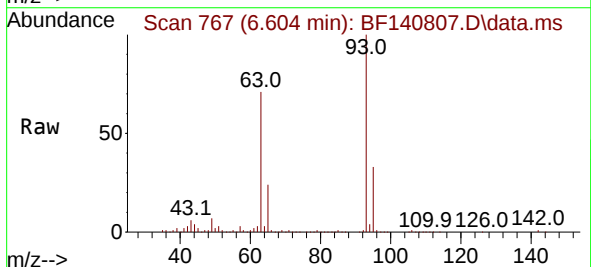
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

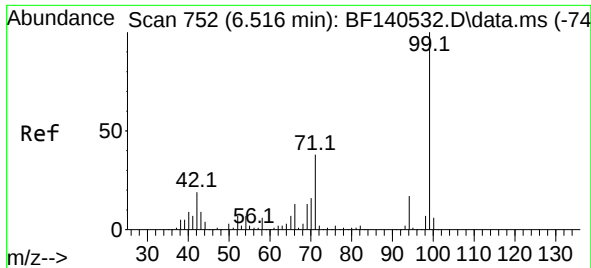
Tgt Ion:112 Resp: 687107
Ion Ratio Lower Upper
112 100
64 56.8 49.2 73.8
63 30.2 27.0 40.4



#6
Aniline
Concen: 54.075 ng
RT: 6.604 min Scan# 767
Delta R.T. 0.065 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion: 93 Resp: 252539
Ion Ratio Lower Upper
93 100
66 0.8 56.5 84.7#
65 23.6 32.9 49.3#





#7

Phenol-d6

Concen: 126.946 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

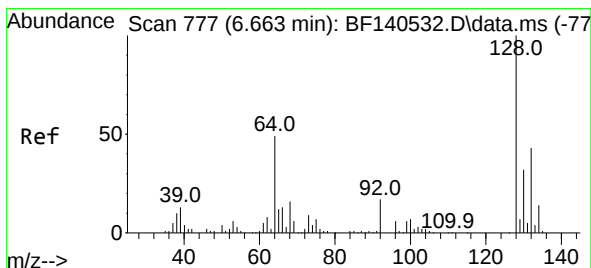
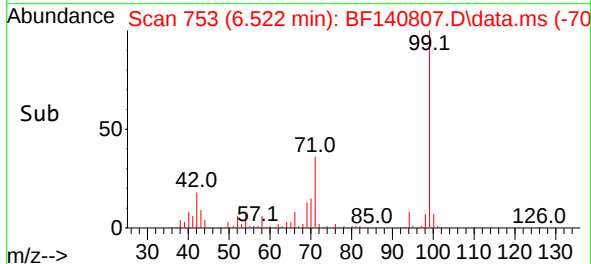
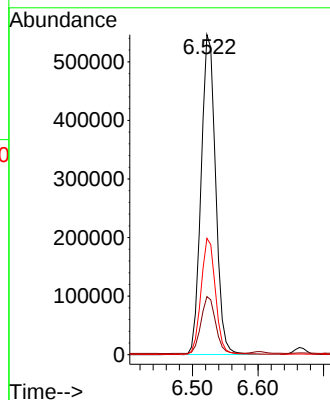
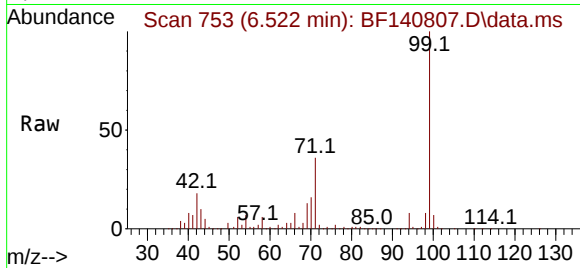
Tgt Ion: 99 Resp: 842298

Ion Ratio Lower Upper

99 100

42 18.2 15.4 23.0

71 36.4 30.6 46.0



#8

2-Chlorophenol

Concen: 51.305 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

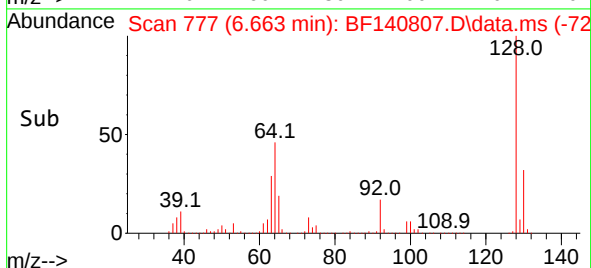
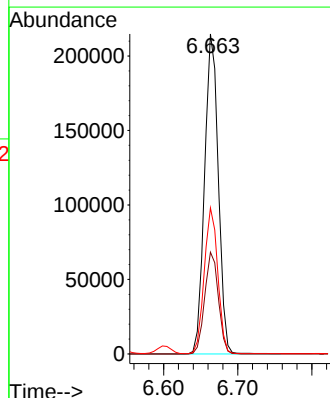
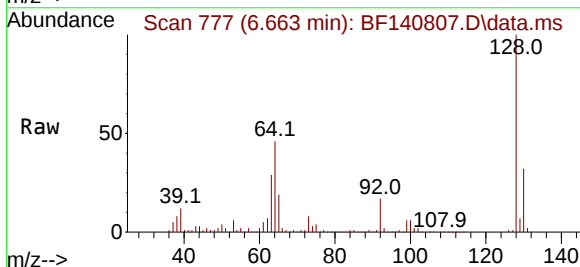
Tgt Ion:128 Resp: 277026

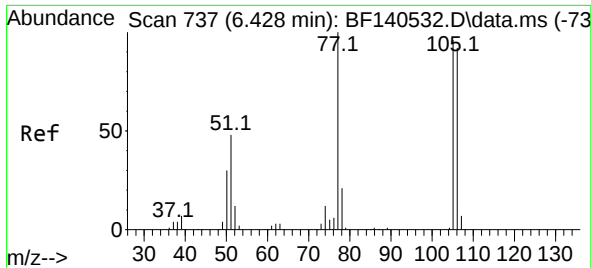
Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

64 45.7 30.2 70.2

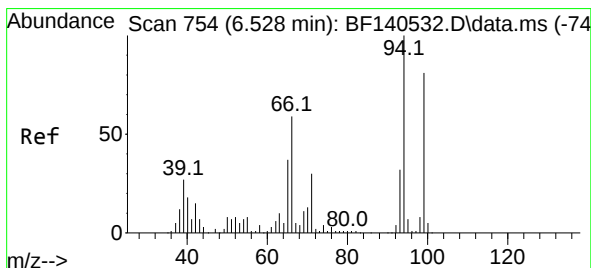
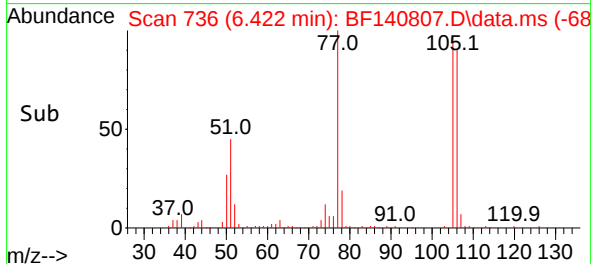
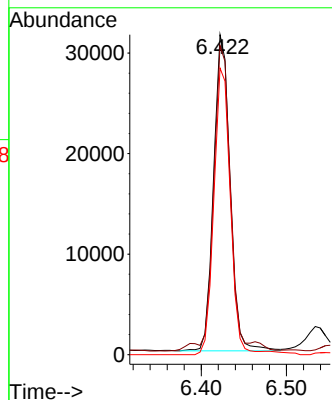
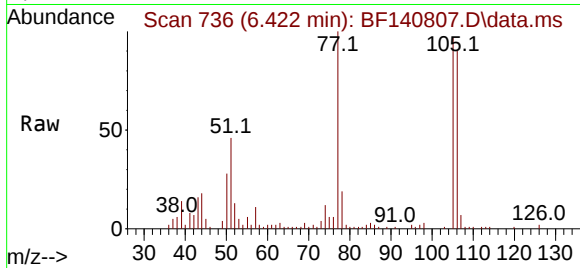




#9
Benzaldehyde
Concen: 12.010 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

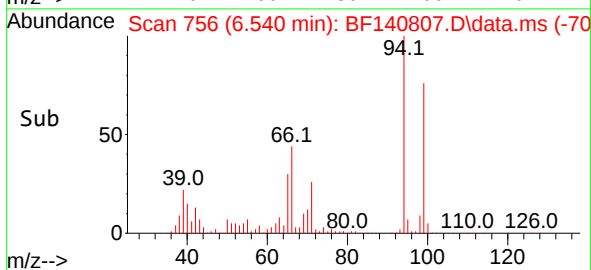
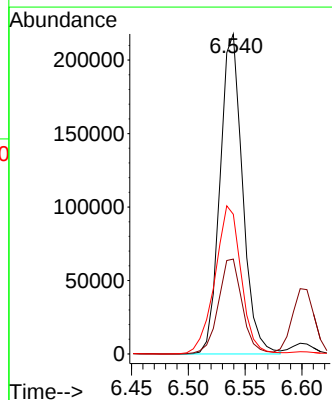
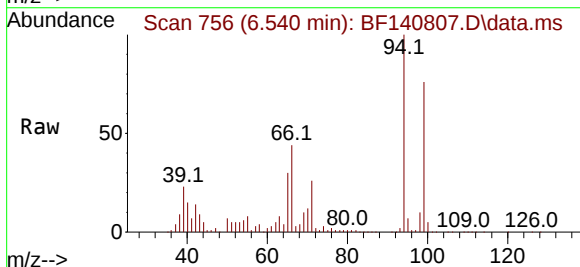
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion: 77 Resp: 42184
Ion Ratio Lower Upper
77 100
105 96.6 75.6 115.6
106 89.5 72.0 112.0



#10
Phenol
Concen: 44.251 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion: 94 Resp: 299848
Ion Ratio Lower Upper
94 100
65 29.7 17.2 57.2
66 43.6 39.2 79.2

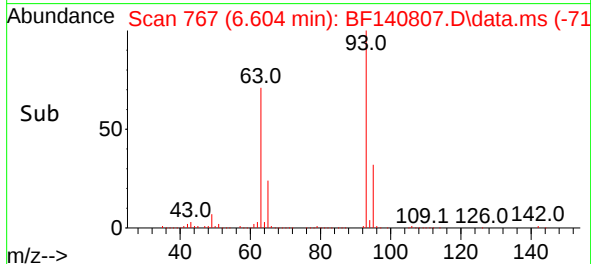
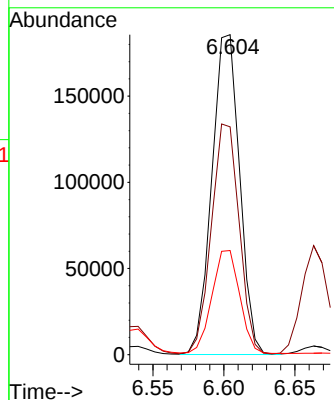
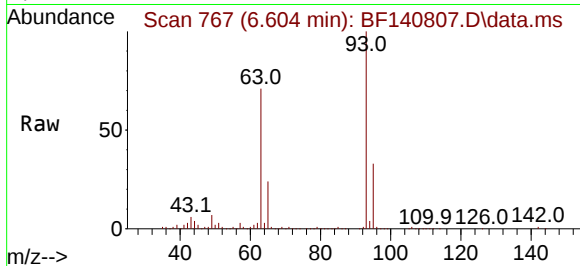




#11
bis(2-Chloroethyl)ether
Concen: 48.703 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

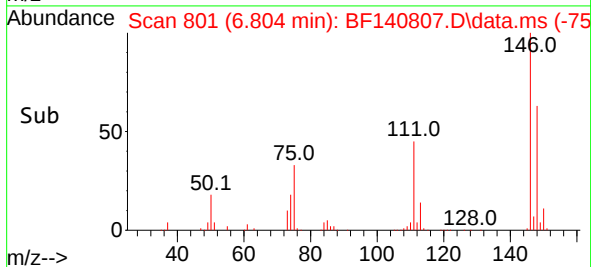
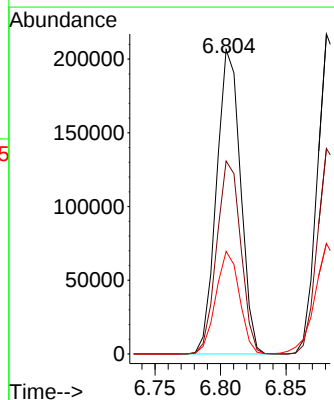
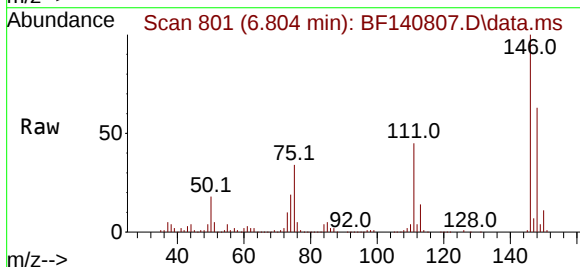
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion: 93 Resp: 252539
Ion Ratio Lower Upper
93 100
63 71.2 52.8 92.8
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 43.222 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion: 146 Resp: 262236
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 33.7 28.2 42.2

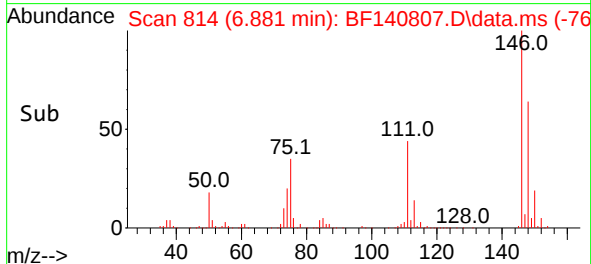
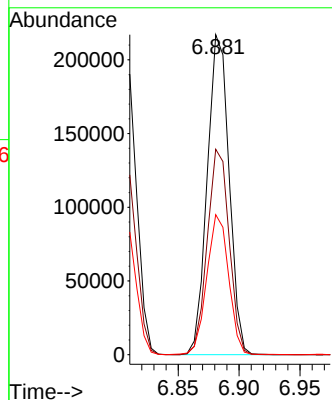
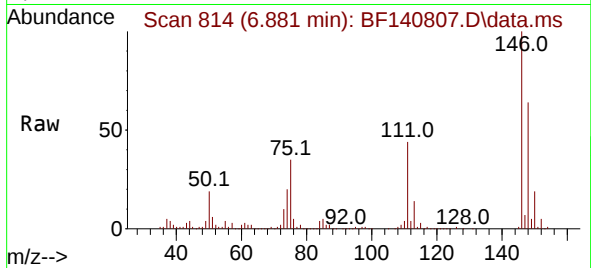




#13
1,4-Dichlorobenzene
Concen: 44.116 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

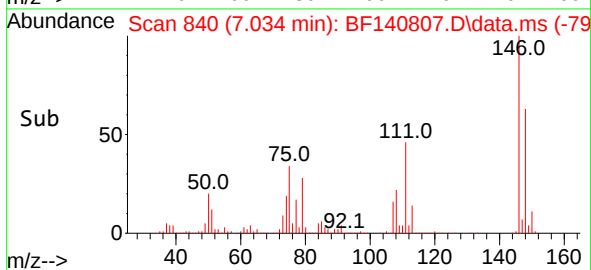
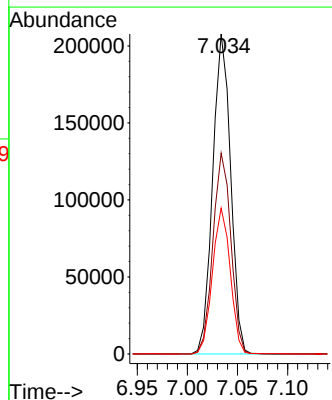
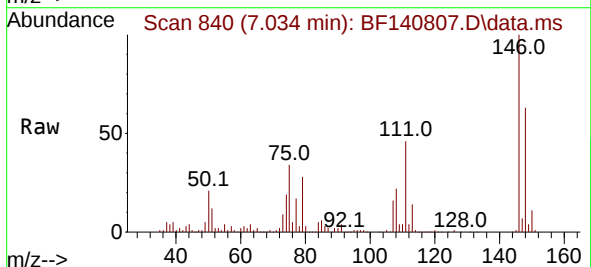
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion:146 Resp: 271017
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 43.8 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 44.876 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:146 Resp: 258331
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
111 45.5 36.7 55.1

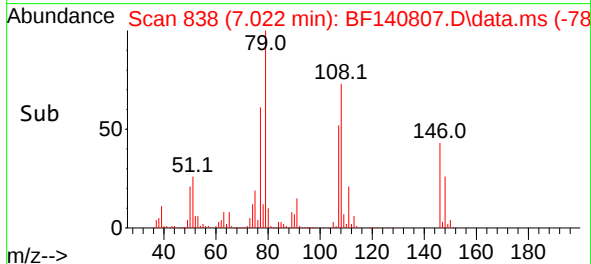
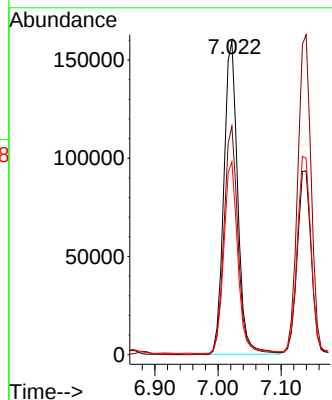
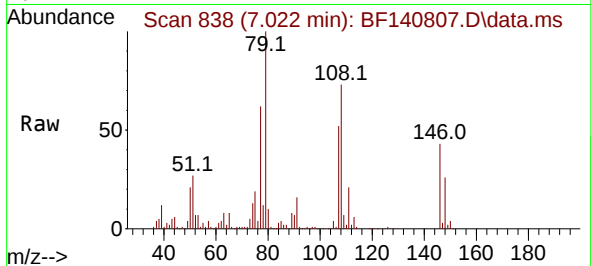




#15
Benzyl Alcohol
Concen: 49.654 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

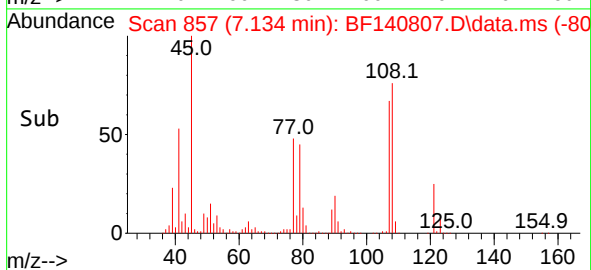
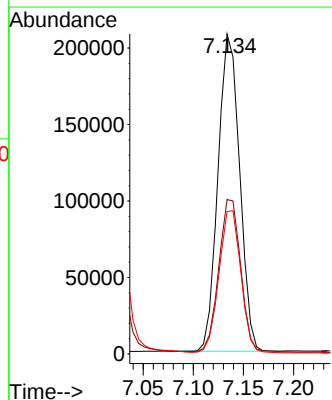
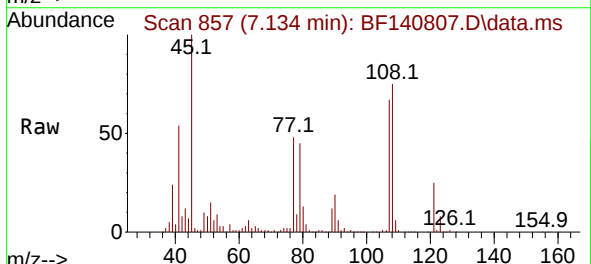
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

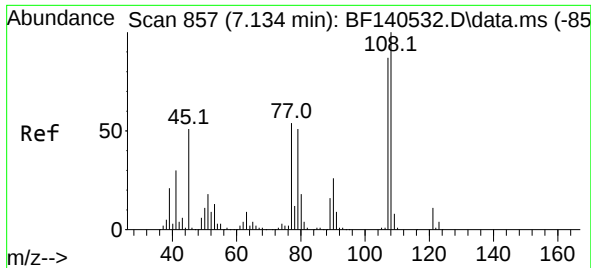
Tgt Ion: 79 Resp: 244326
Ion Ratio Lower Upper
79 100
108 72.9 55.0 82.6
77 61.5 50.1 75.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 50.704 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion: 45 Resp: 310602
Ion Ratio Lower Upper
45 100
77 48.2 10.7 50.7
79 44.6 7.0 47.0

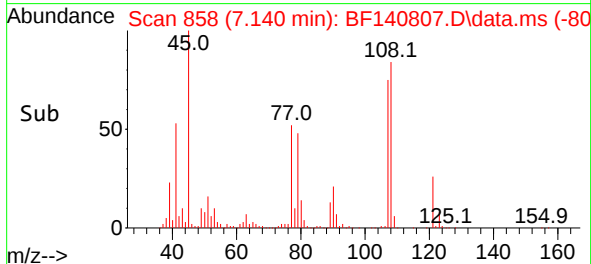
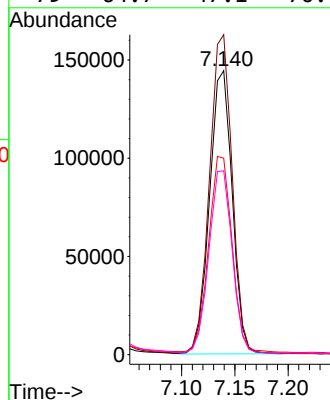
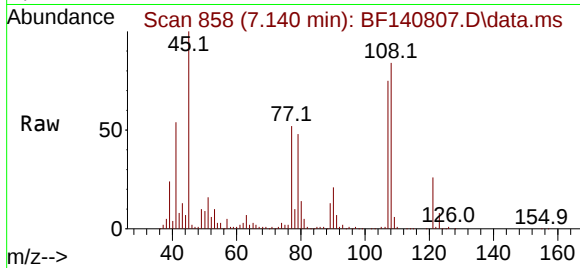




#17
2-Methylphenol
Concen: 49.328 ng
RT: 7.140 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

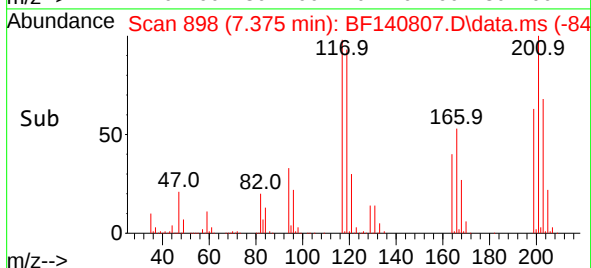
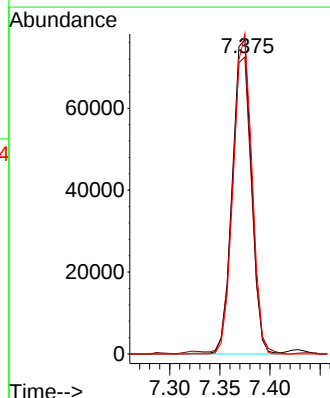
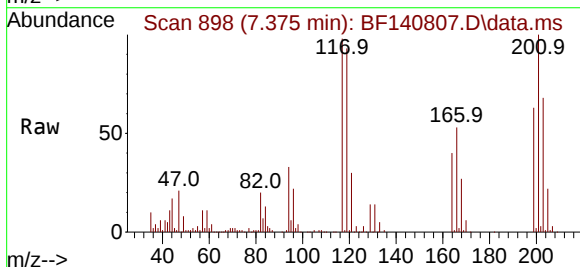
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion:	107	Resp:	213211
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	69.2	49.3	73.9
79	64.7	47.1	70.7



#18
Hexachloroethane
Concen: 44.532 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:	117	Resp:	102176
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.1	115.7
201	101.8	81.1	121.7



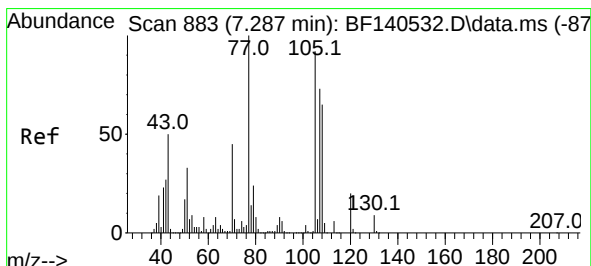
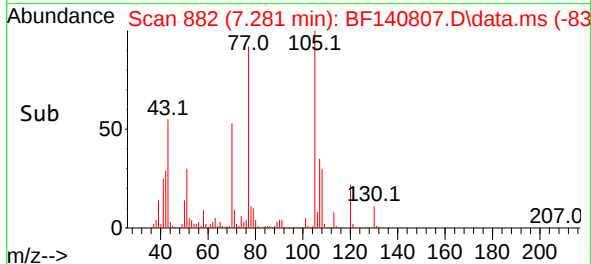
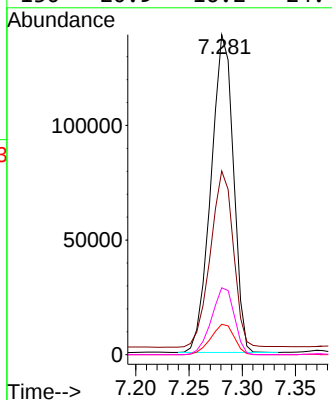
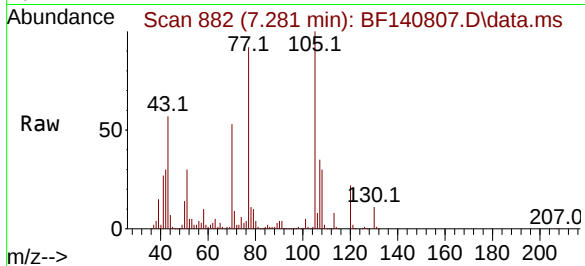


#19
n-Nitroso-di-n-propylamine
Concen: 51.879 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion: 70 Resp: 203434

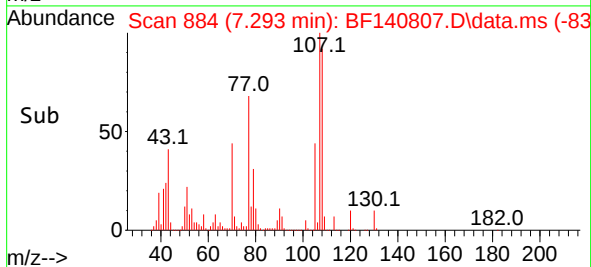
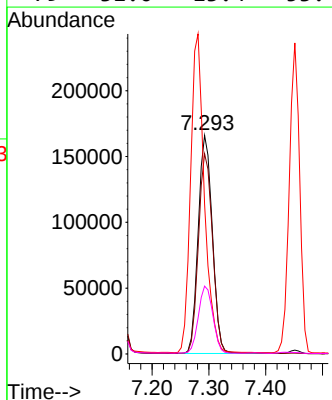
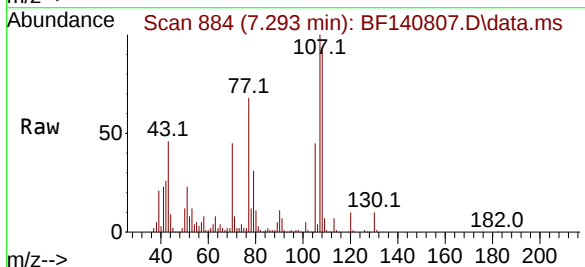
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.6	71.4
101	9.5	7.6	11.4
130	20.9	16.2	24.4

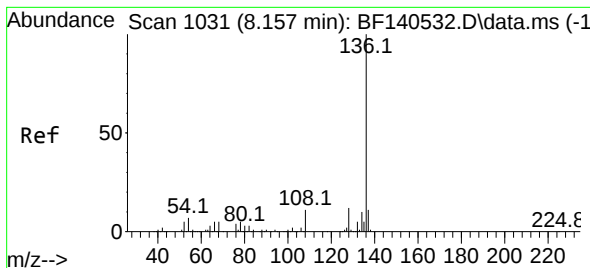


#20
3+4-Methylphenols
Concen: 51.673 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion: 107 Resp: 287080

Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.9	109.9
77	68.5	117.7	157.7#
79	31.0	13.4	53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tgt Ion:136 Resp: 326657

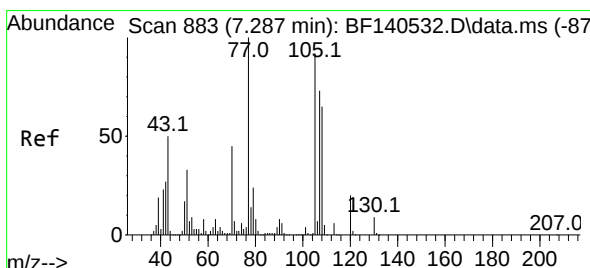
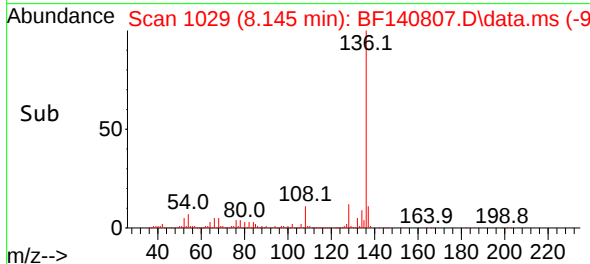
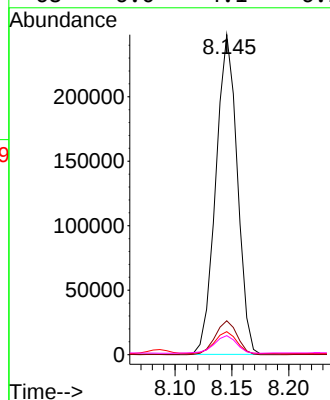
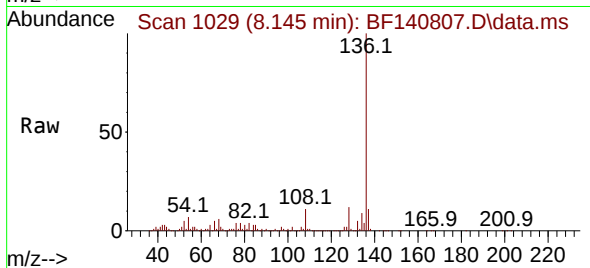
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 7.2 5.8 8.8

68 6.0 4.1 6.1



#22

Acetophenone

Concen: 48.447 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Tgt Ion:105 Resp: 385816

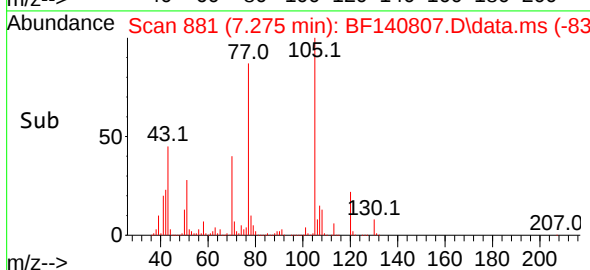
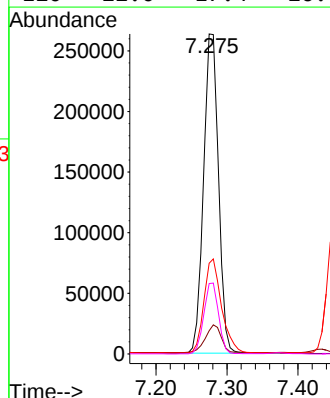
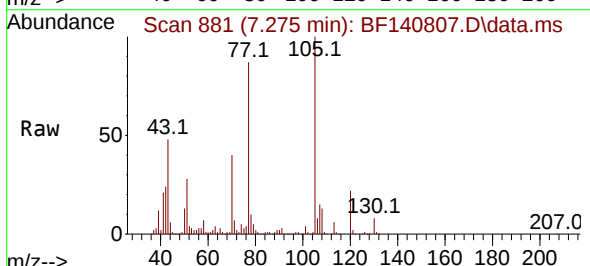
Ion Ratio Lower Upper

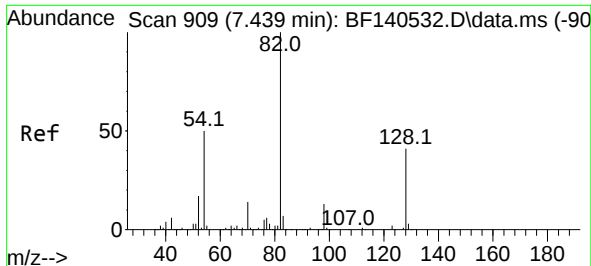
105 100

71 7.3 6.2 9.2

51 28.3 29.0 43.6#

120 22.0 17.4 26.0





#23

Nitrobenzene-d5

Concen: 97.649 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

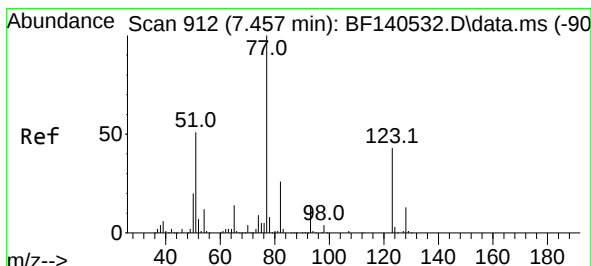
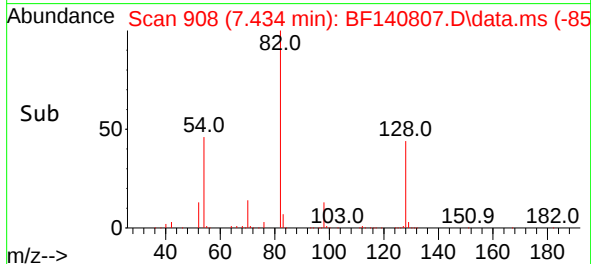
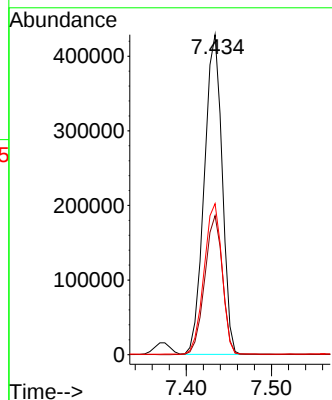
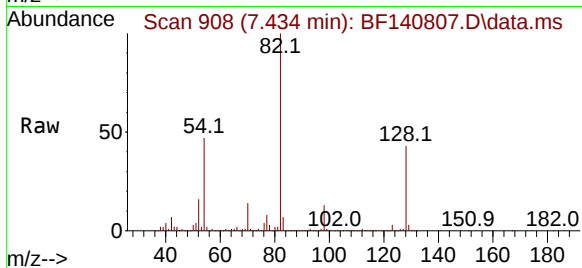
Tgt Ion: 82 Resp: 623609

Ion Ratio Lower Upper

82 100

128 43.5 33.0 49.4

54 47.2 39.5 59.3



#24

Nitrobenzene

Concen: 45.202 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

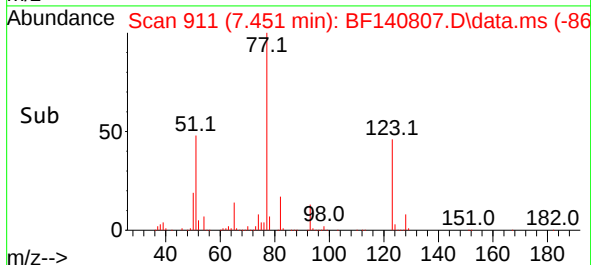
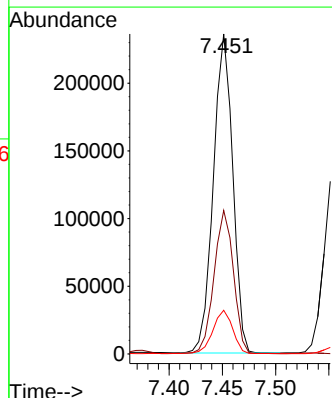
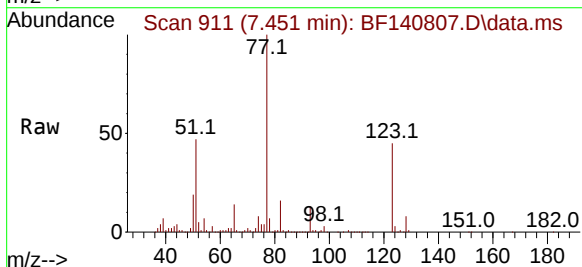
Tgt Ion: 77 Resp: 298351

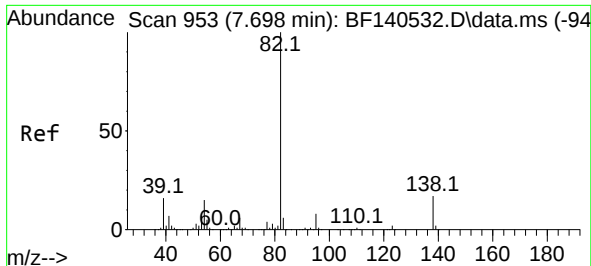
Ion Ratio Lower Upper

77 100

123 44.8 34.3 51.5

65 13.7 11.2 16.8

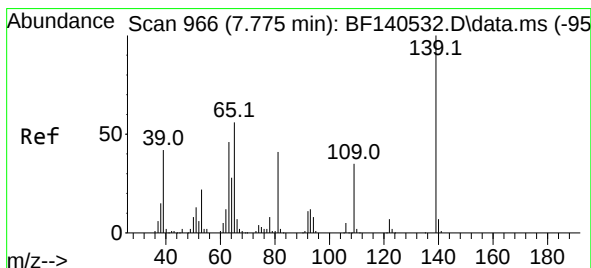
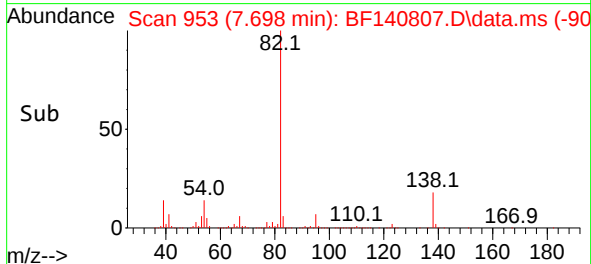
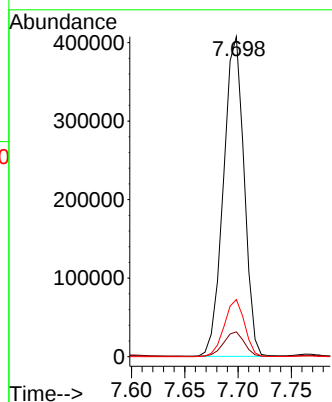
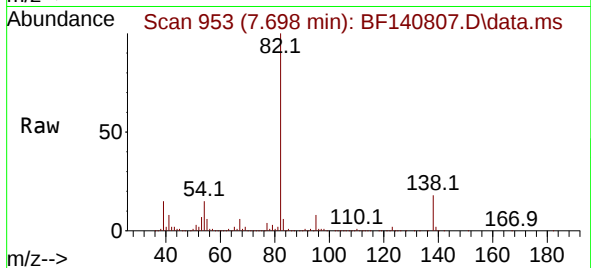




#25
Isophorone
Concen: 51.402 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

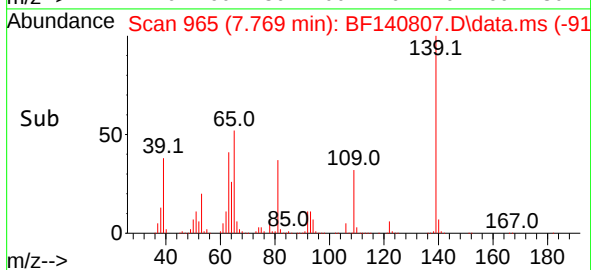
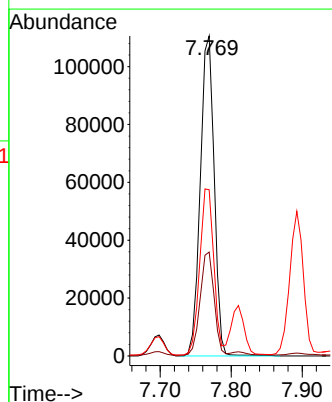
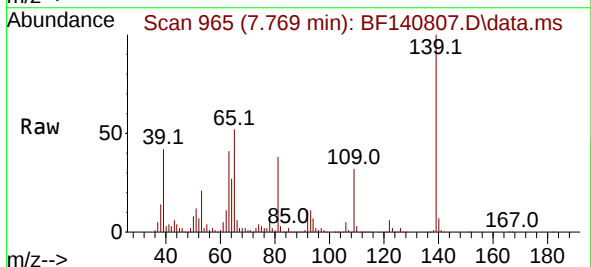
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

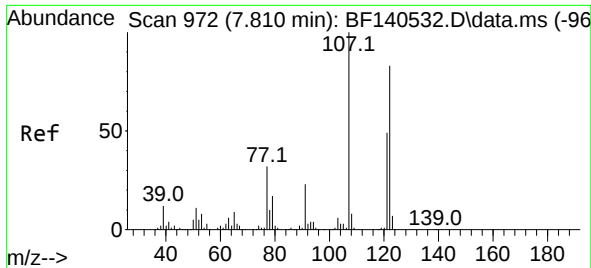
Tgt Ion: 82 Resp: 547516
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.8 13.8 20.6



#26
2-Nitrophenol
Concen: 51.687 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:139 Resp: 151184
Ion Ratio Lower Upper
139 100
109 32.5 28.0 42.0
65 52.0 44.6 67.0

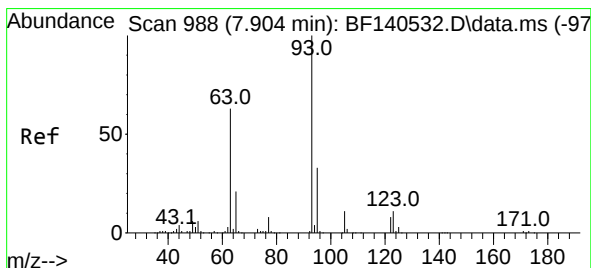
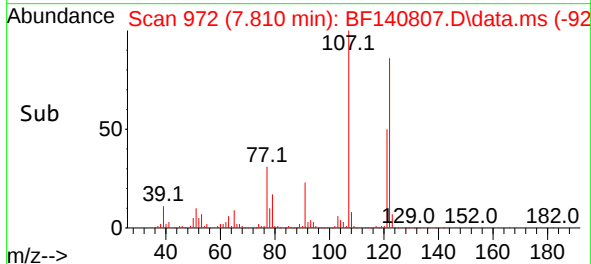
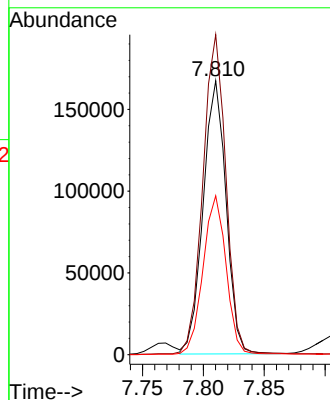
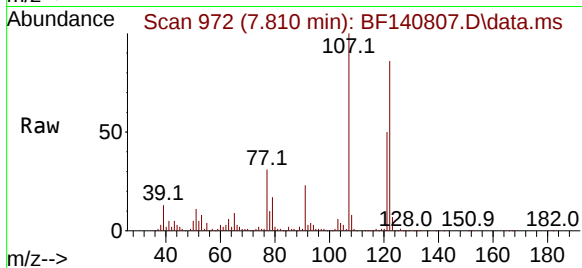




#27
2,4-Dimethylphenol
Concen: 62.471 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

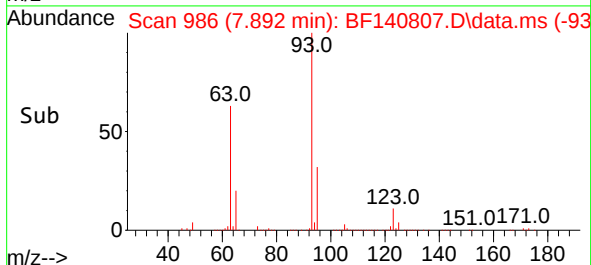
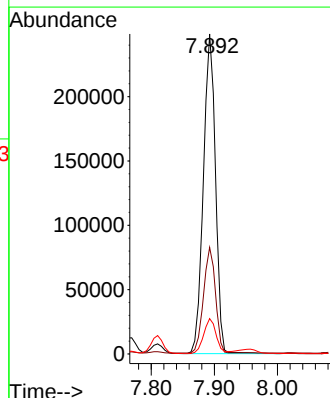
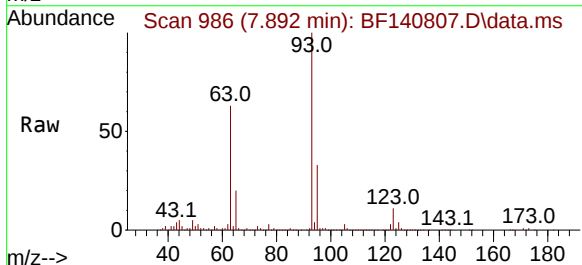
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

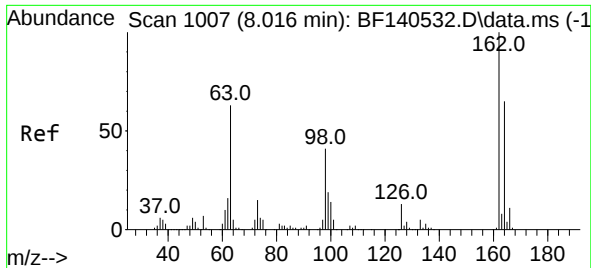
Tgt Ion:122 Resp: 218630
Ion Ratio Lower Upper
122 100
107 116.9 96.8 145.2
121 58.0 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 50.963 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion: 93 Resp: 330702
Ion Ratio Lower Upper
93 100
95 33.3 26.1 39.1
123 11.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.736 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

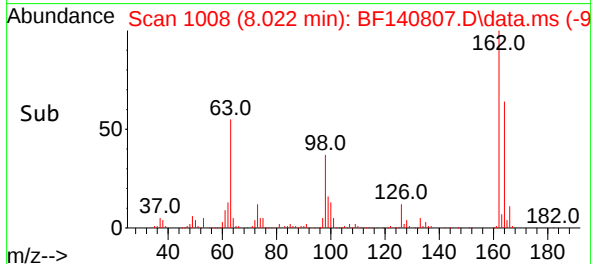
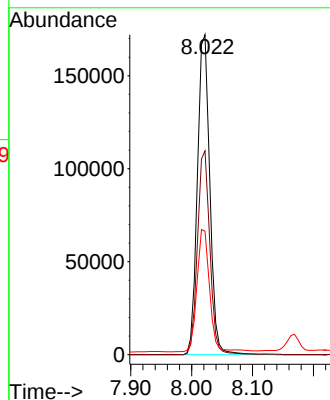
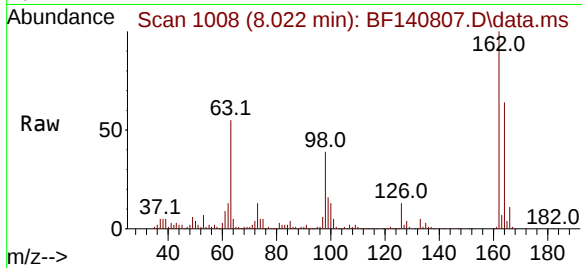
Tgt Ion:162 Resp: 244556

Ion Ratio Lower Upper

162 100

164 63.7 44.8 84.8

98 38.6 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 45.855 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

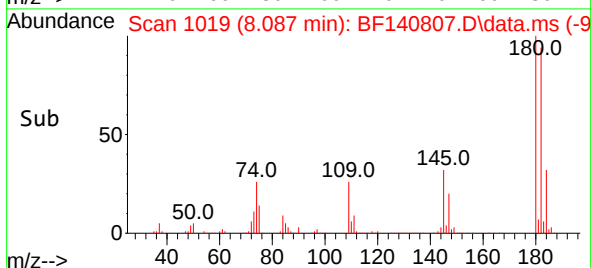
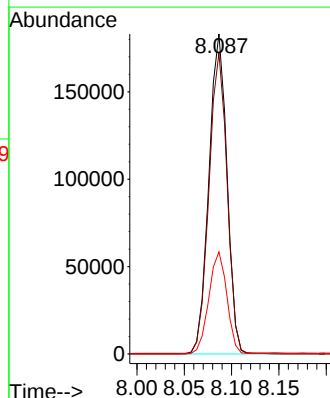
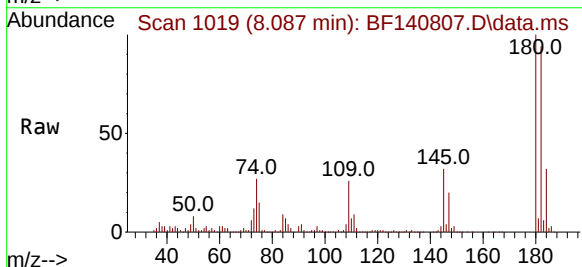
Tgt Ion:180 Resp: 242792

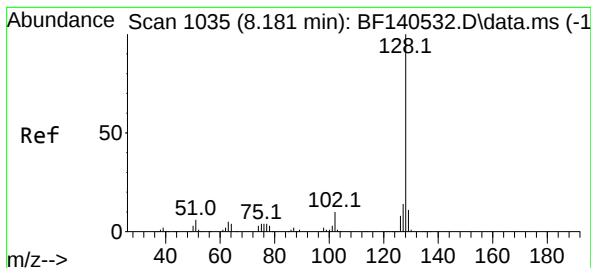
Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

145 31.9 25.9 38.9





#31

Naphthalene

Concen: 48.875 ng

RT: 8.169 min Scan# 1035

Delta R.T. -0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

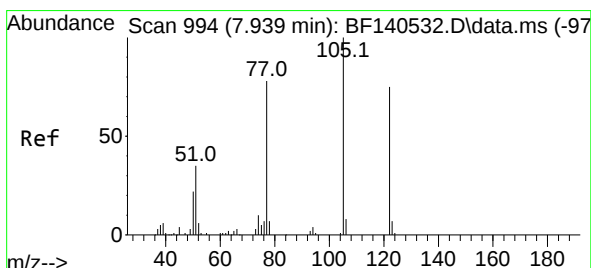
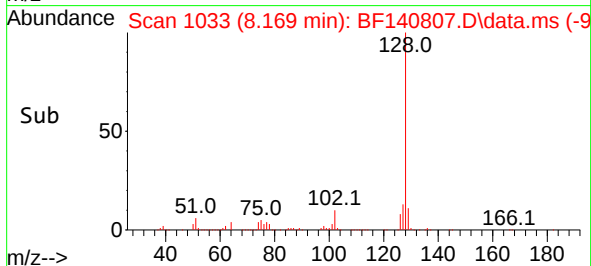
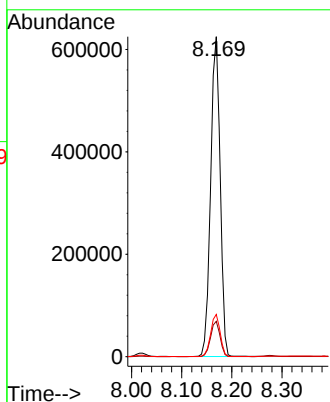
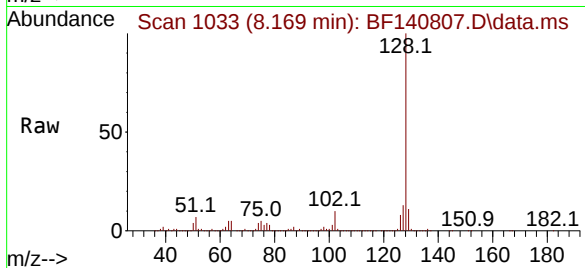
Tgt Ion:128 Resp: 822355

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 42.988 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.018 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

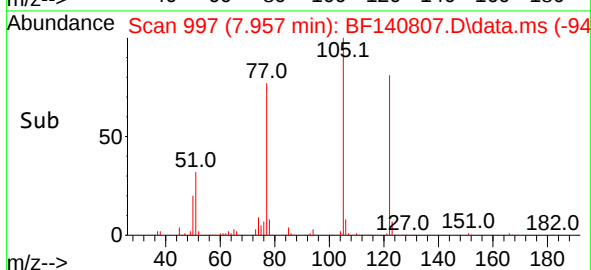
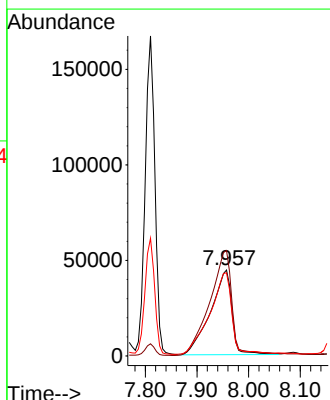
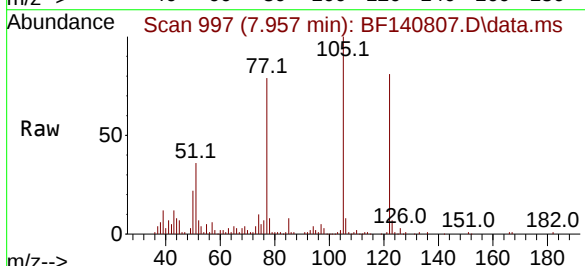
Tgt Ion:122 Resp: 128229

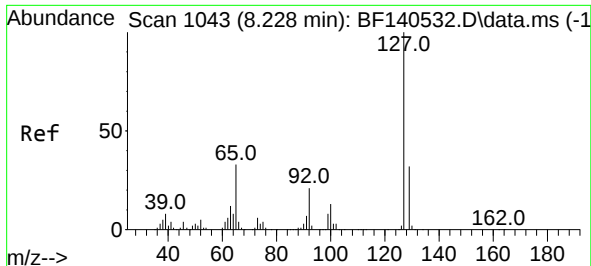
Ion Ratio Lower Upper

122 100

105 122.7 109.3 149.3

77 96.8 82.3 122.3

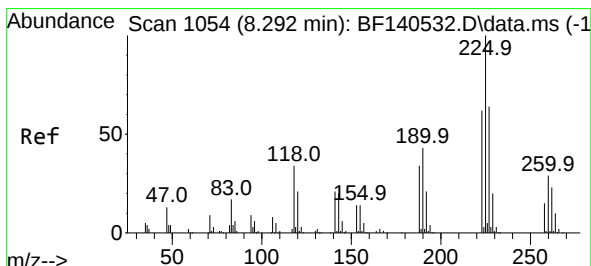
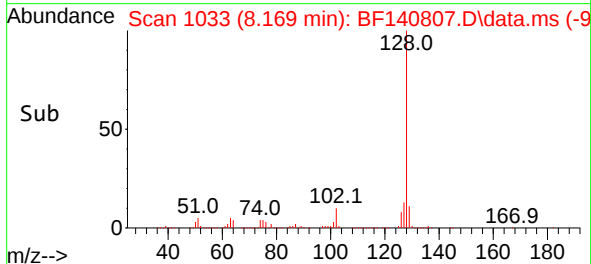
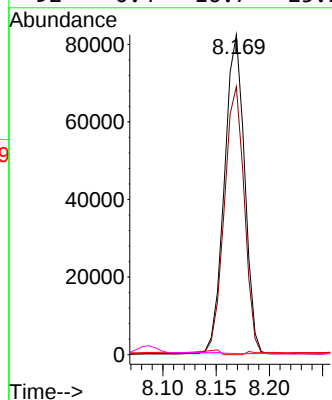
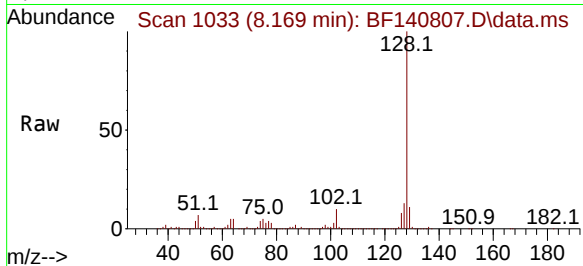




#33
4-Chloroaniline
Concen: 21.489 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.059 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

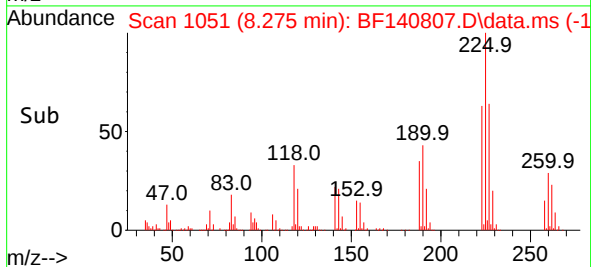
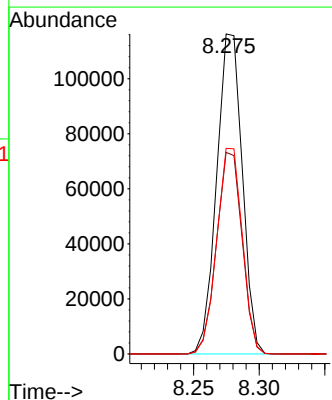
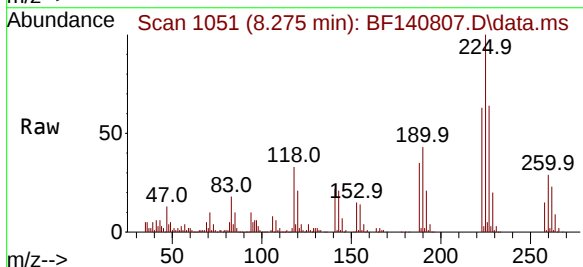
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

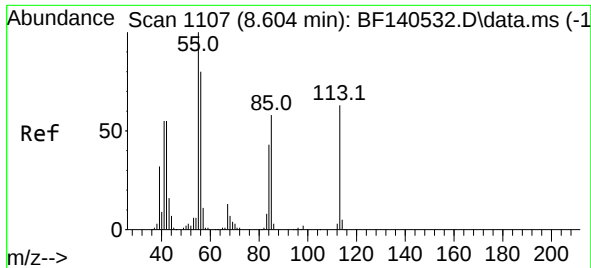
Tgt Ion:127	Resp: 108254
Ion Ratio	Lower Upper
127 100	
129 83.7	26.0 39.0#
65 0.0	26.0 39.0#
92 0.4	16.7 25.1#



#34
Hexachlorobutadiene
Concen: 45.065 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt	Ion:225	Resp:	158044
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	64.2	51.3	76.9

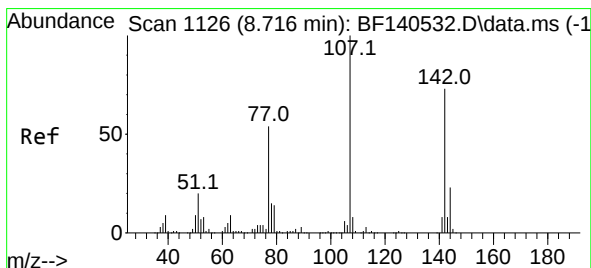
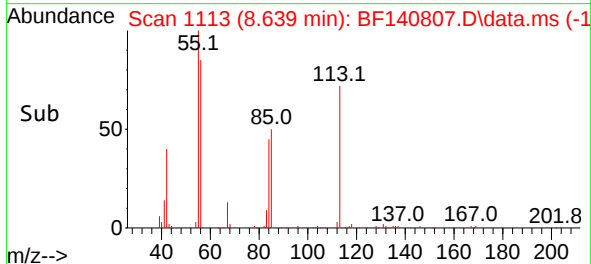
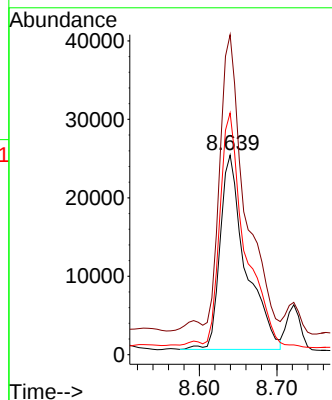
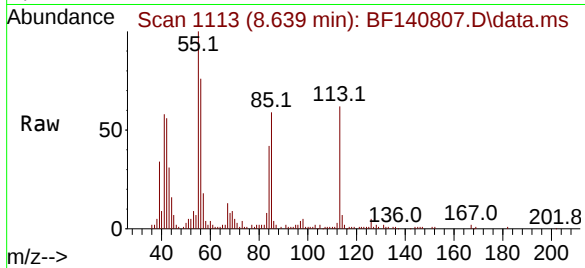




#35
 Caprolactam
 Concen: 39.546 ng
 RT: 8.639 min Scan# 1113
 Delta R.T. 0.035 min
 Lab File: BF140807.D
 Acq: 10 Dec 2024 15:49

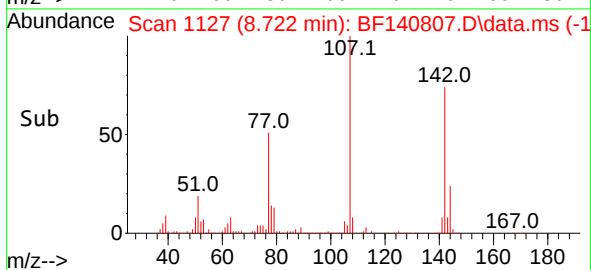
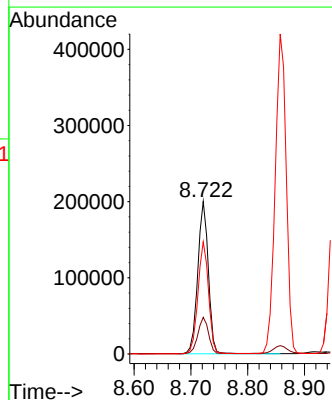
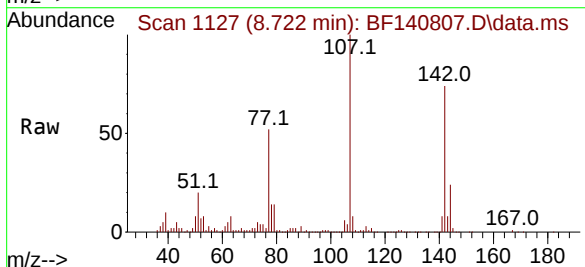
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS

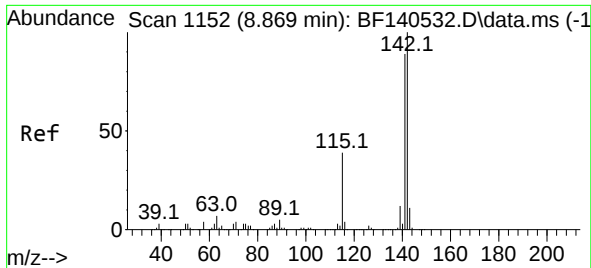
Tgt Ion:113 Resp: 56753
 Ion Ratio Lower Upper
 113 100
 55 160.3 137.7 177.7
 56 121.1 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 50.044 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF140807.D
 Acq: 10 Dec 2024 15:49

Tgt Ion:107 Resp: 259831
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.7 28.1
 142 73.5 58.3 87.5

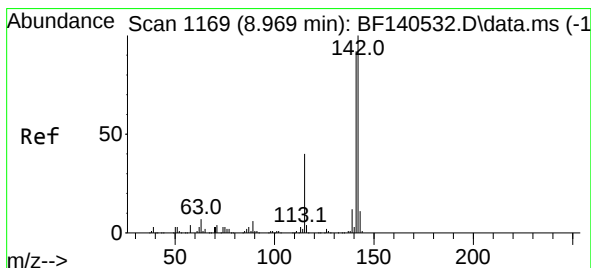
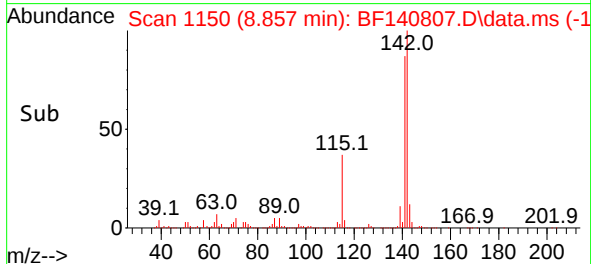
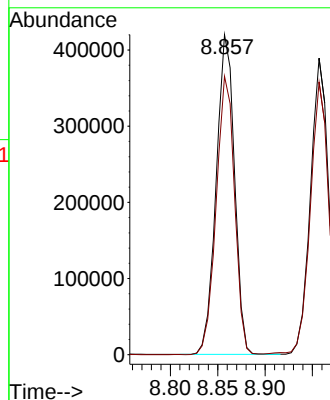
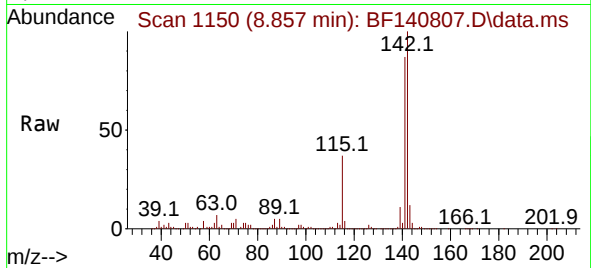




#37
2-Methylnaphthalene
Concen: 52.819 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

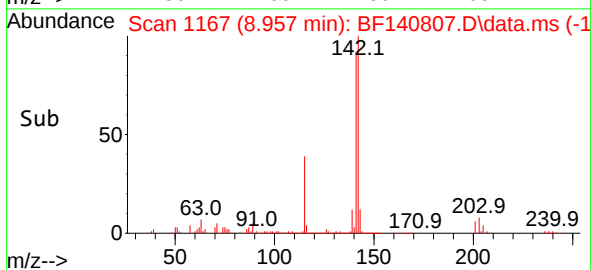
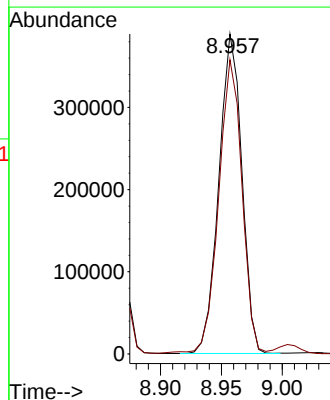
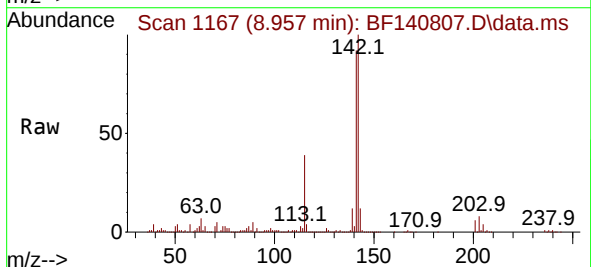
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

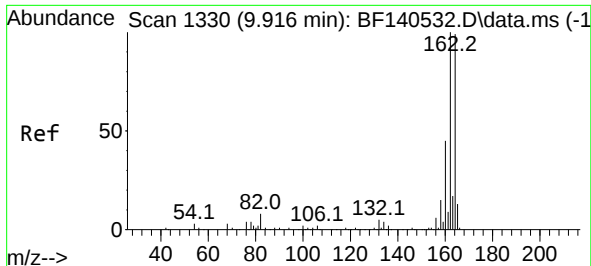
Tgt Ion:142 Resp: 564473
Ion Ratio Lower Upper
142 100
141 87.0 71.0 106.6



#38
1-Methylnaphthalene
Concen: 48.832 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:142 Resp: 511538
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9

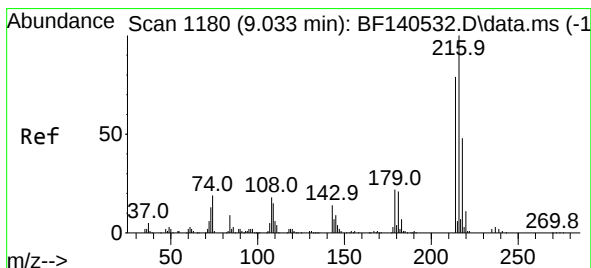
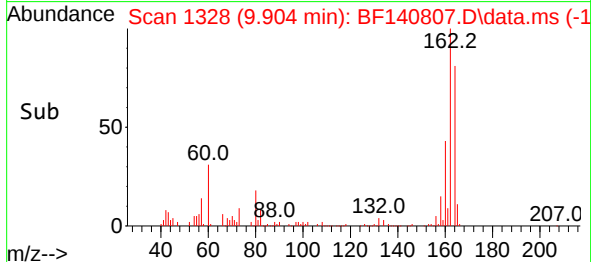
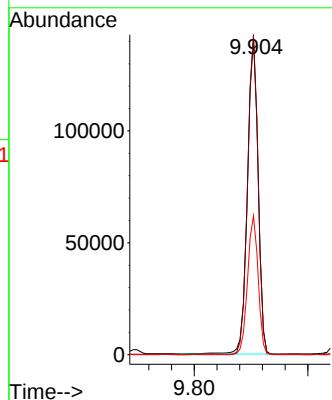
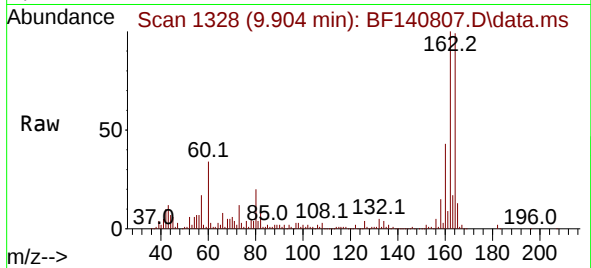




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

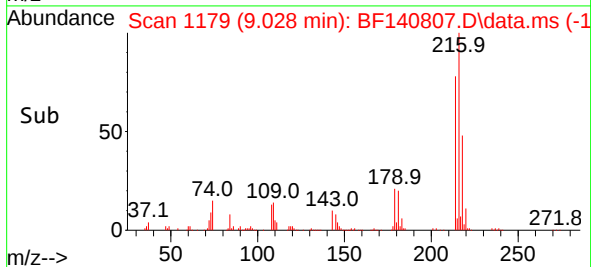
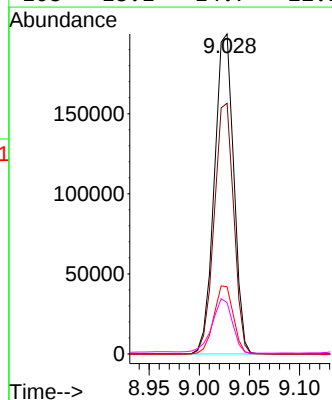
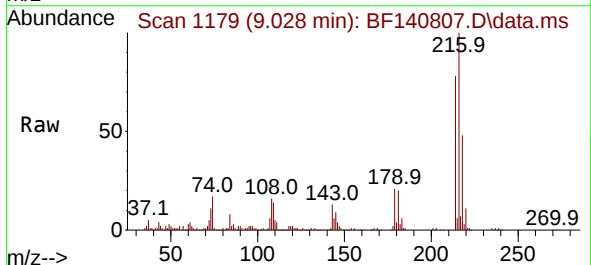
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion:164 Resp: 183763
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 44.0 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.946 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

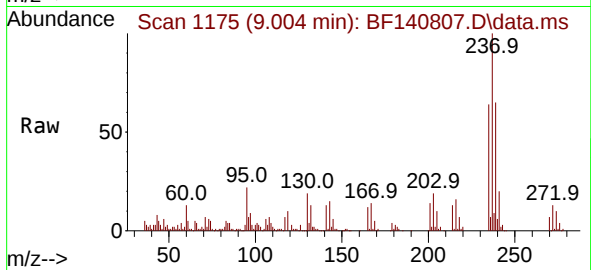
Tgt Ion:216 Resp: 268691
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 21.4 17.5 26.3
108 18.1 14.7 22.1



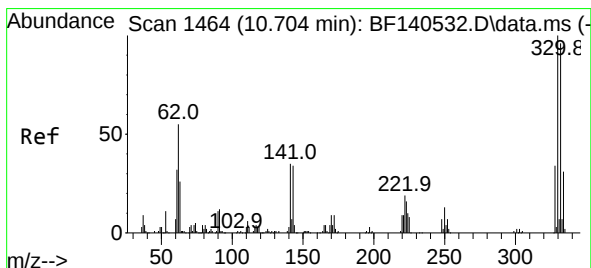
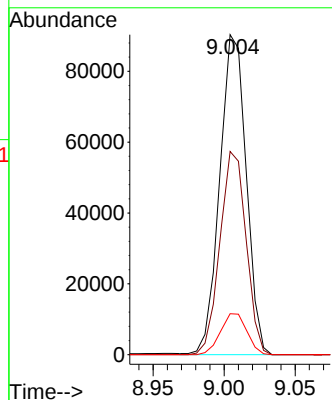
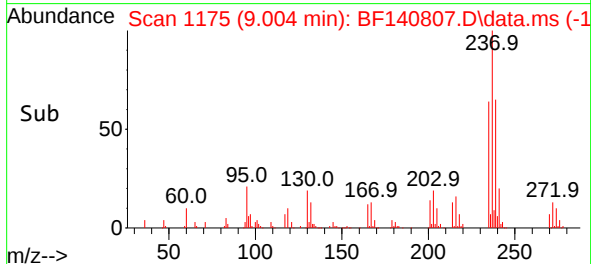


#41
Hexachlorocyclopentadiene
Concen: 95.357 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

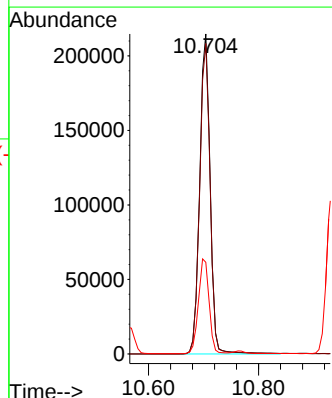
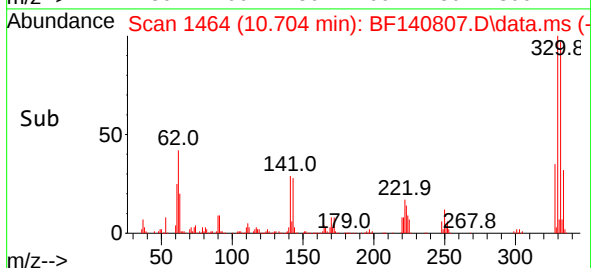
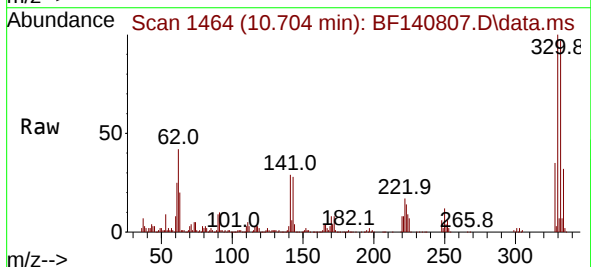


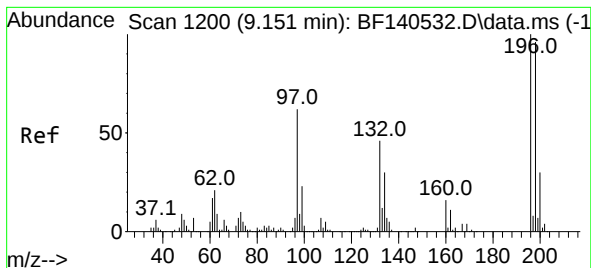
Tgt Ion:237 Resp: 117170
Ion Ratio Lower Upper
237 100
235 63.5 41.1 81.1
272 12.8 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 144.213 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:330 Resp: 283431
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 30.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 53.016 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

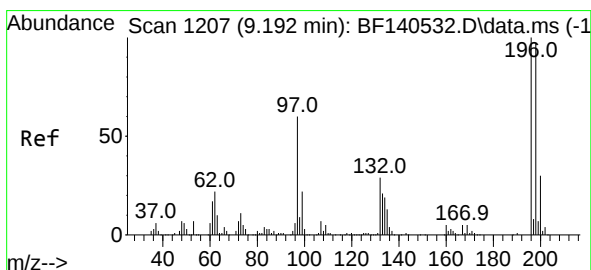
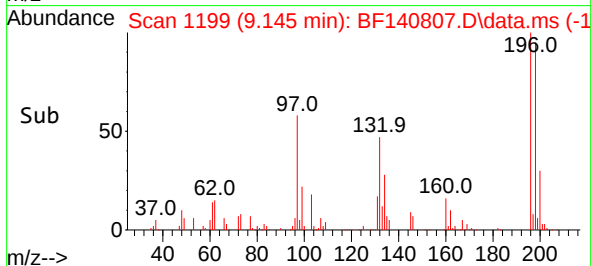
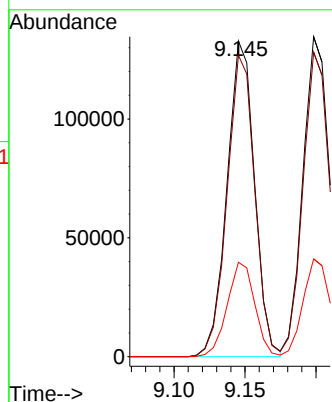
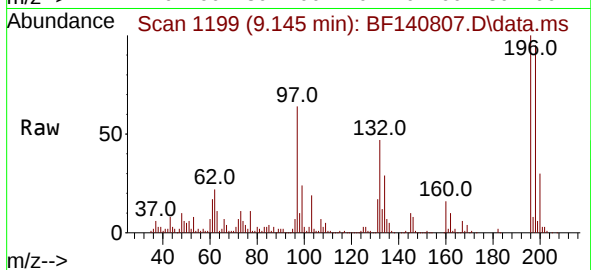
Tgt Ion:196 Resp: 178965

Ion Ratio Lower Upper

196 100

198 95.5 76.8 115.2

200 29.9 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 48.917 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Tgt Ion:196 Resp: 179211

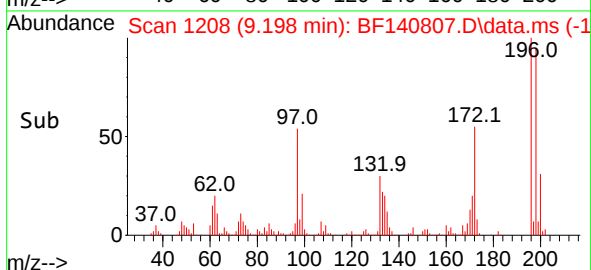
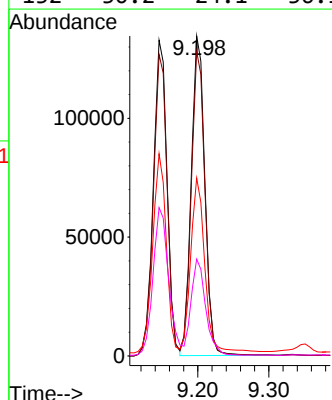
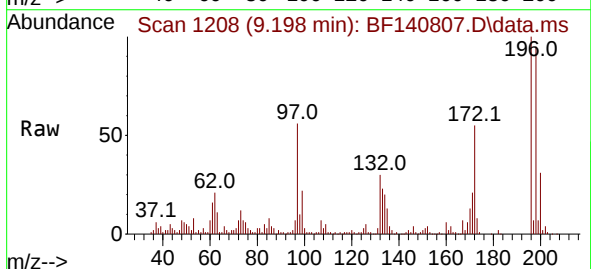
Ion Ratio Lower Upper

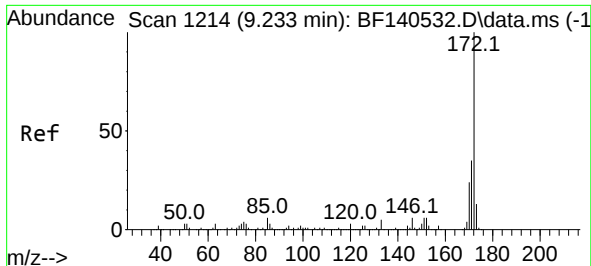
196 100

198 95.2 77.2 115.8

97 55.6 47.1 70.7

132 30.2 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 97.163 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

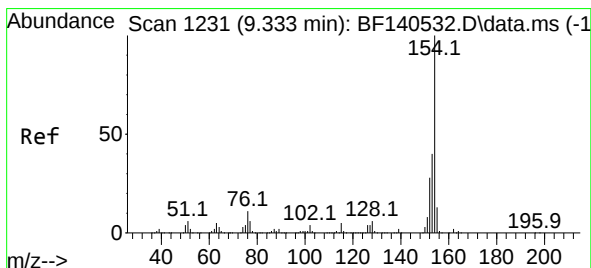
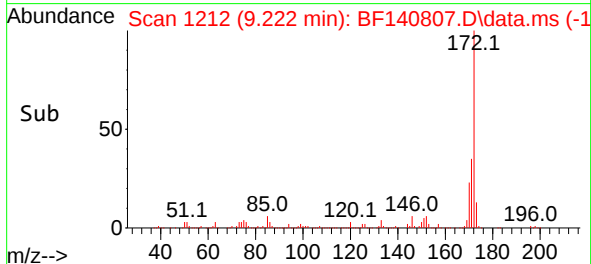
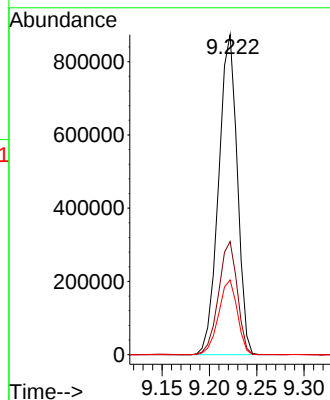
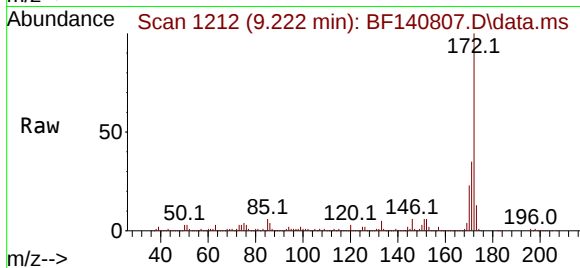
Tgt Ion:172 Resp: 1198361

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 51.255 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

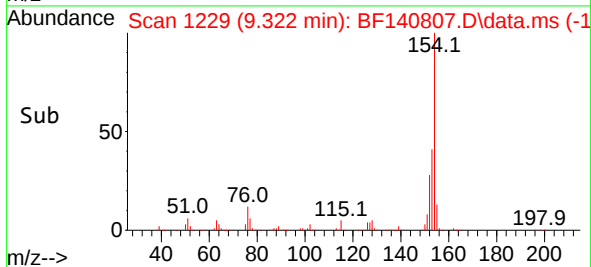
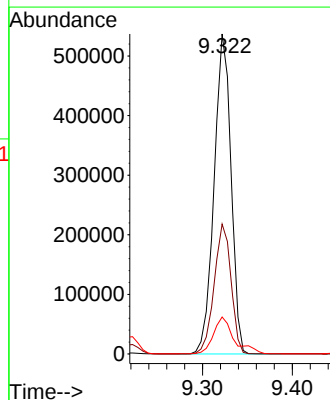
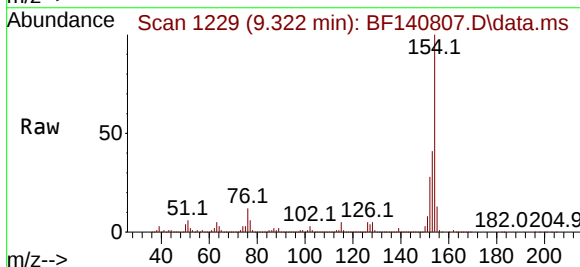
Tgt Ion:154 Resp: 703208

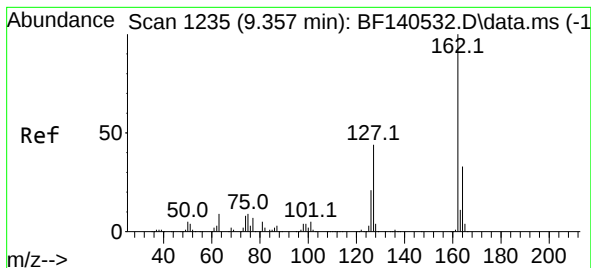
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 11.5 0.0 31.2





#47

2-Chloronaphthalene

Concen: 49.611 ng

RT: 9.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

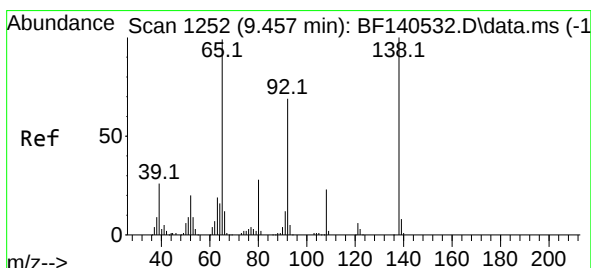
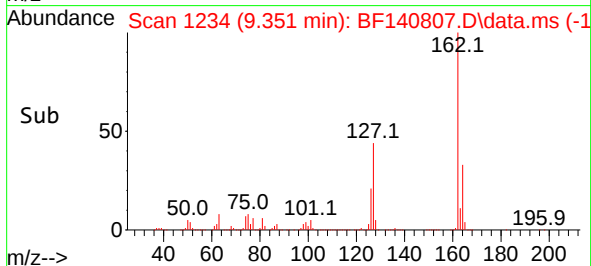
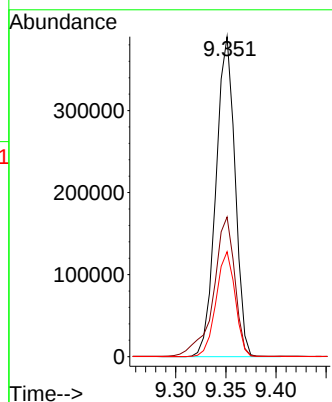
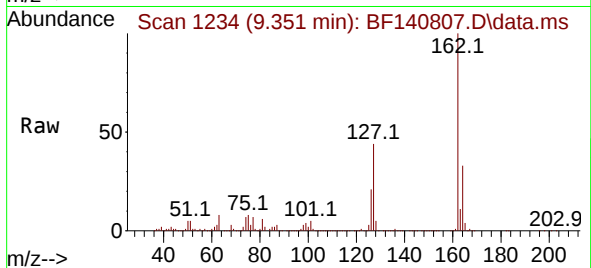
Tgt Ion:162 Resp: 515751

Ion Ratio Lower Upper

162 100

127 43.6 35.7 53.5

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 43.254 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

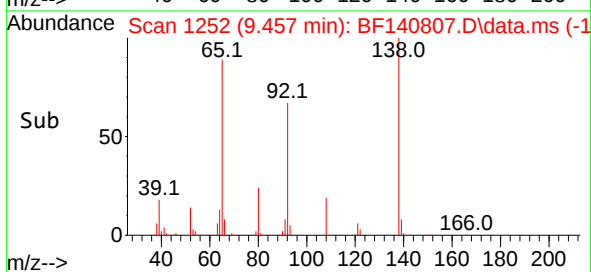
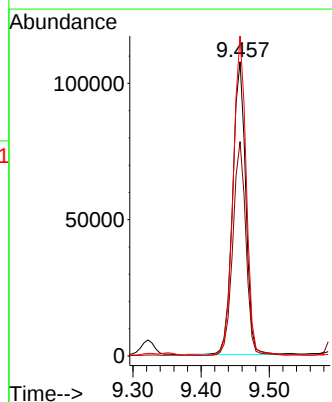
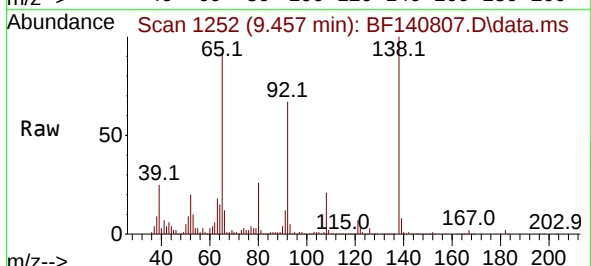
Tgt Ion: 65 Resp: 144334

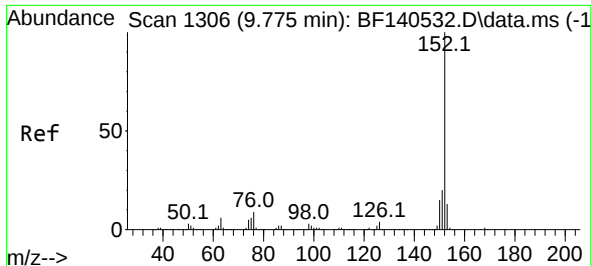
Ion Ratio Lower Upper

65 100

92 72.8 56.1 84.1

138 108.7 81.0 121.6

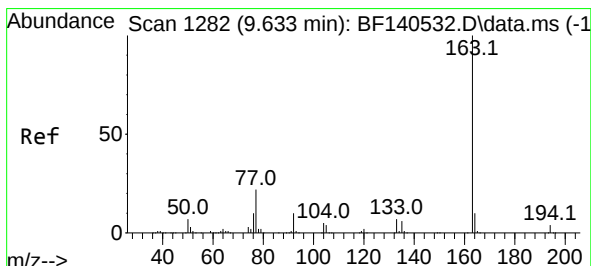
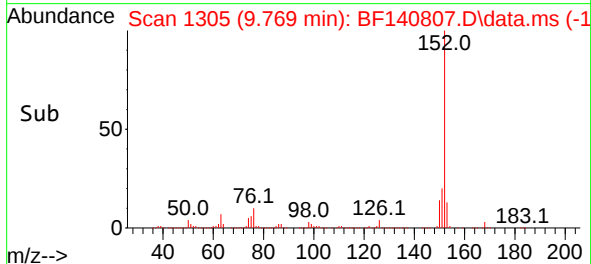
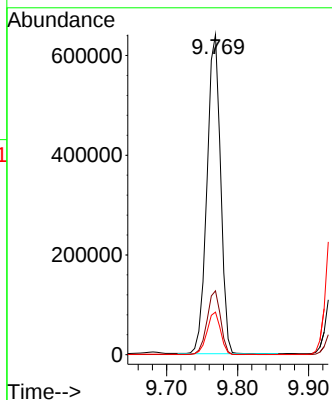
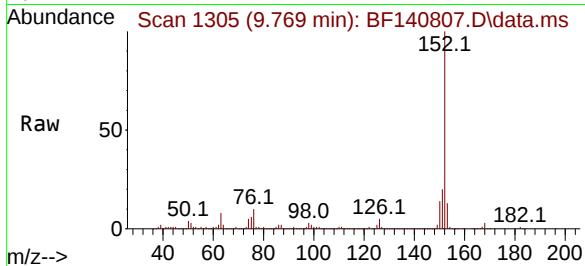




#49
Acenaphthylene
Concen: 54.120 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

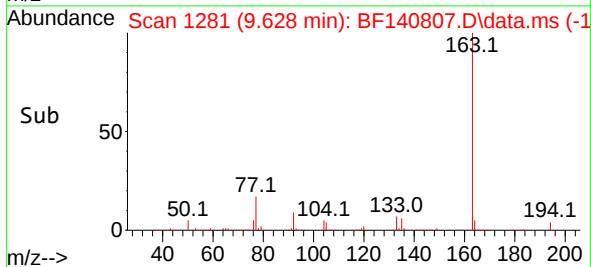
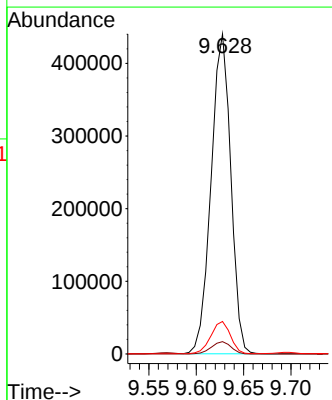
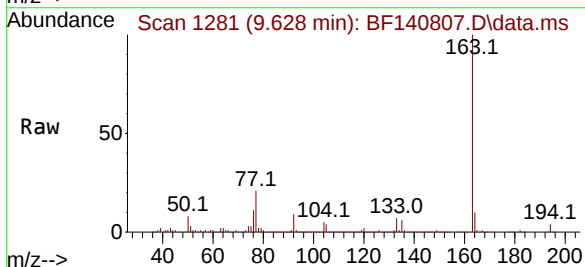
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

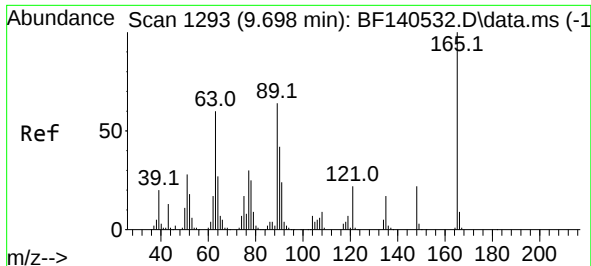
Tgt Ion:152 Resp: 850091
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 52.620 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:163 Resp: 636830
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 48.261 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

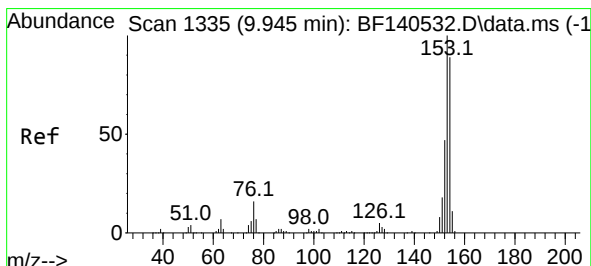
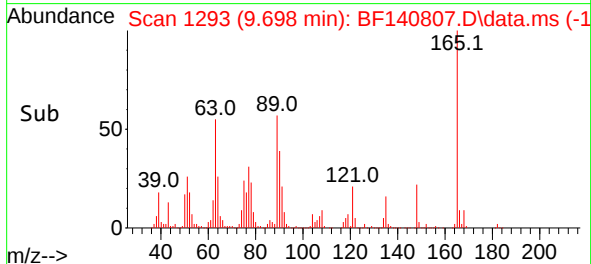
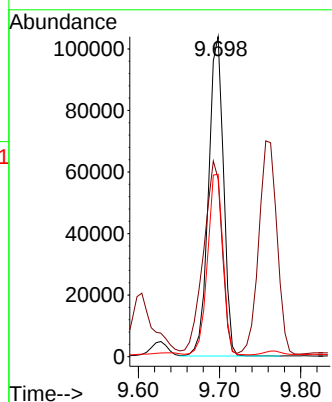
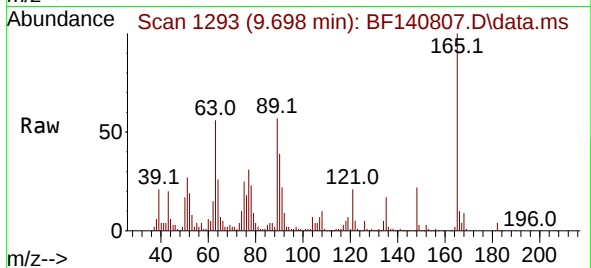
Tgt Ion:165 Resp: 132466

Ion Ratio Lower Upper

165 100

63 55.6 49.9 74.9

89 57.0 50.9 76.3



#52

Acenaphthene

Concen: 51.348 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

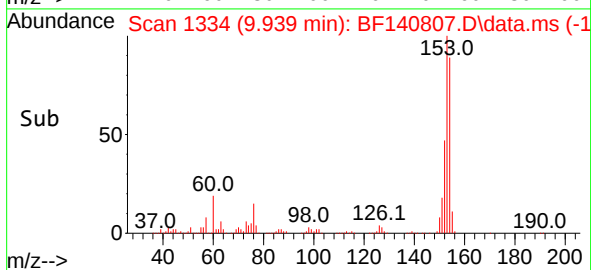
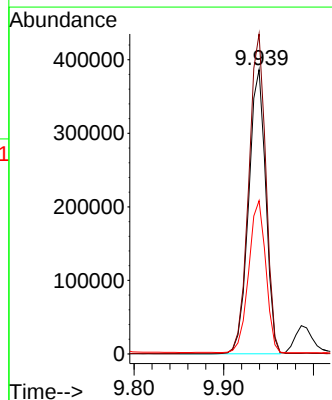
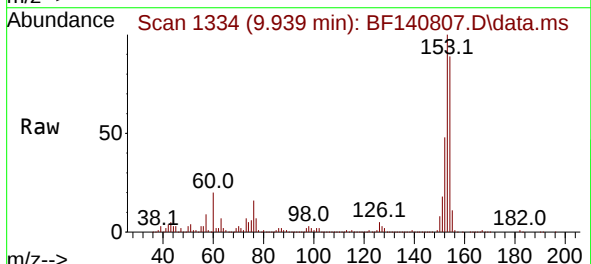
Tgt Ion:154 Resp: 512472

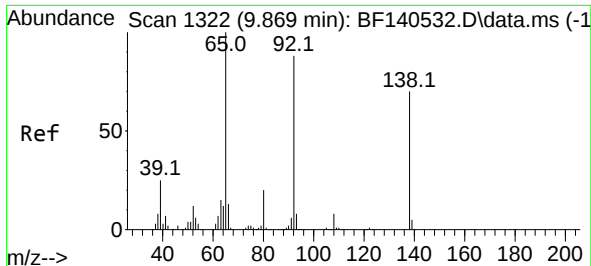
Ion Ratio Lower Upper

154 100

153 112.6 89.7 134.5

152 53.9 42.5 63.7

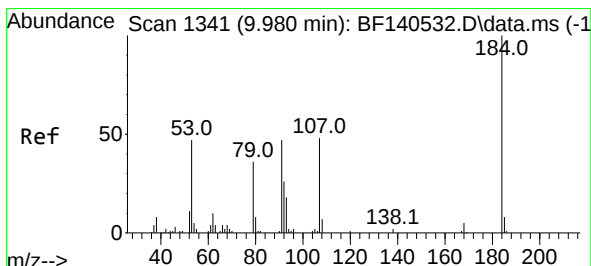
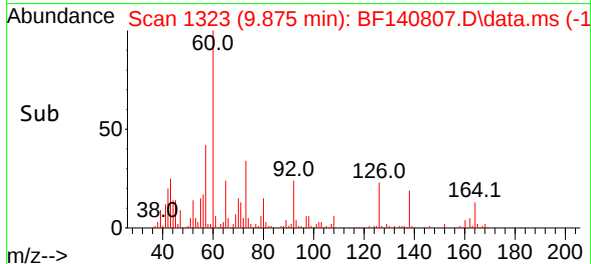
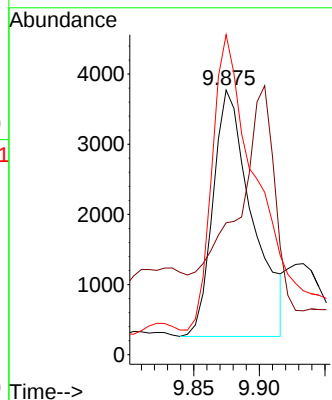
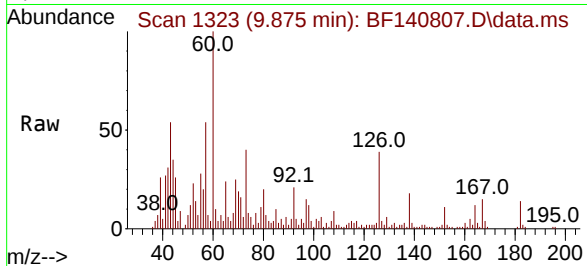




#53
3-Nitroaniline
Concen: 2.716 ng
RT: 9.875 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

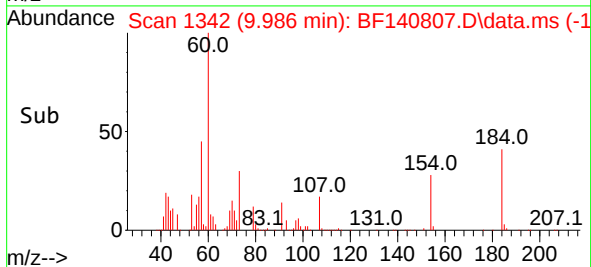
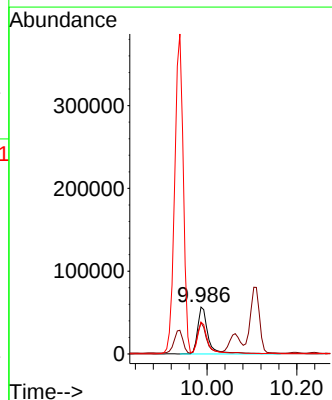
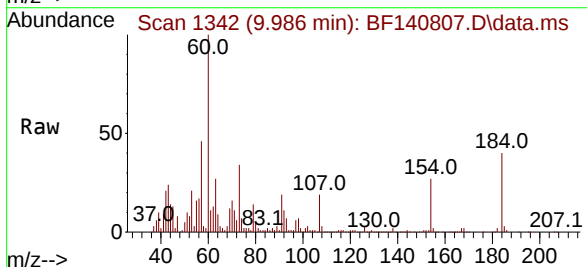
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

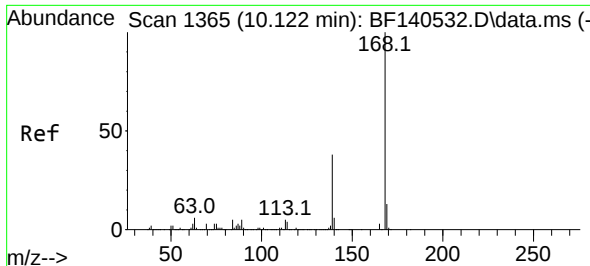
Tgt Ion:138 Resp: 7291
Ion Ratio Lower Upper
138 100
108 49.8 9.2 13.8#
92 120.9 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 66.554 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:184 Resp: 92537
Ion Ratio Lower Upper
184 100
63 66.9 54.1 81.1
154 67.9 57.4 86.0

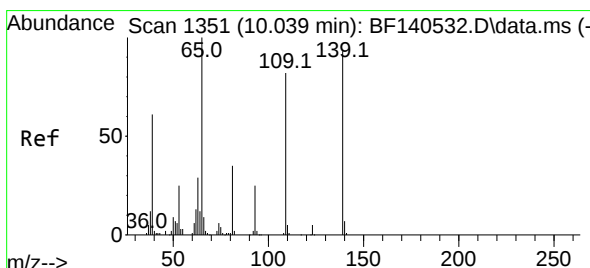
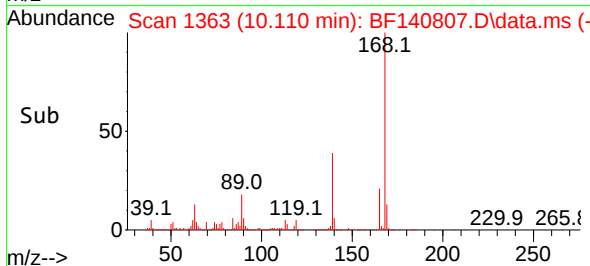
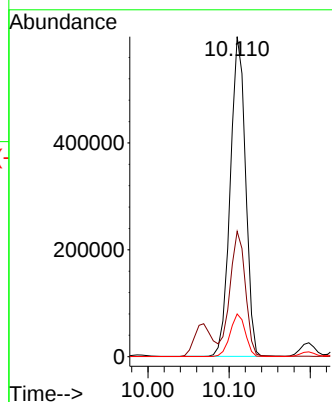
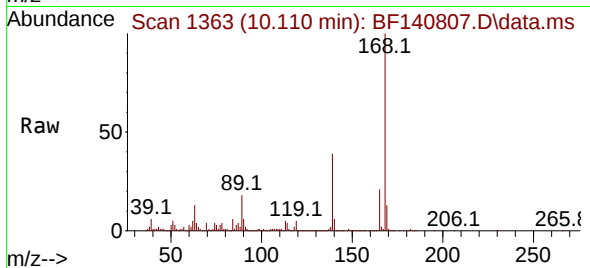




#55
Dibenzofuran
Concen: 51.324 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

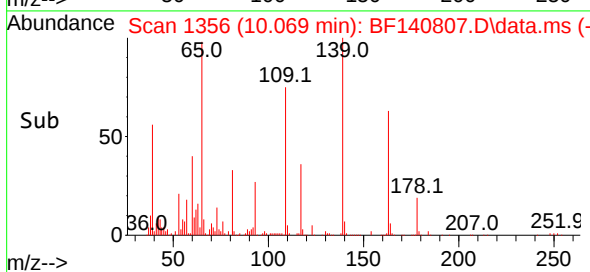
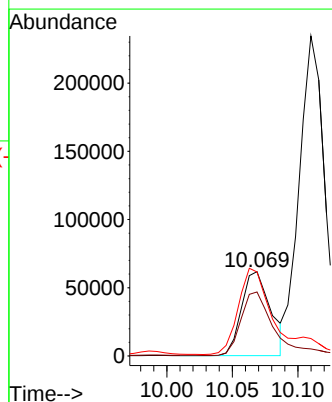
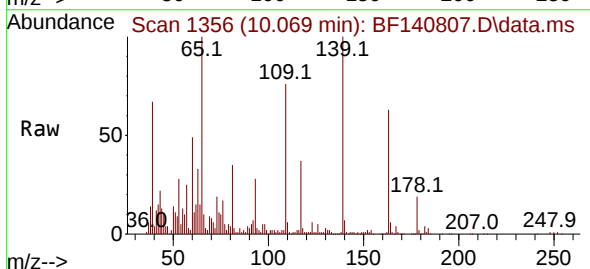
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

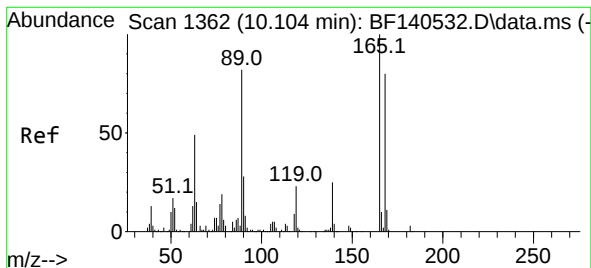
Tgt Ion:168 Resp: 781318
Ion Ratio Lower Upper
168 100
139 39.2 31.3 46.9
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 51.882 ng
RT: 10.069 min Scan# 1356
Delta R.T. 0.030 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:139 Resp: 94987
Ion Ratio Lower Upper
139 100
109 75.8 68.4 108.4
65 99.5 88.6 128.6

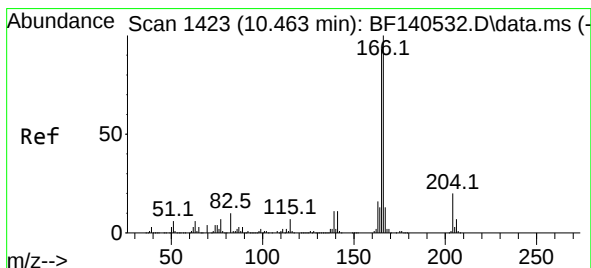
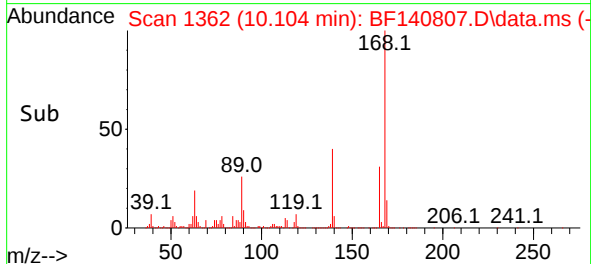
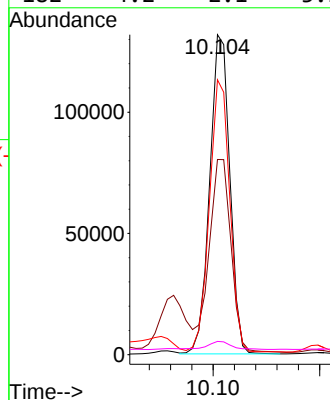
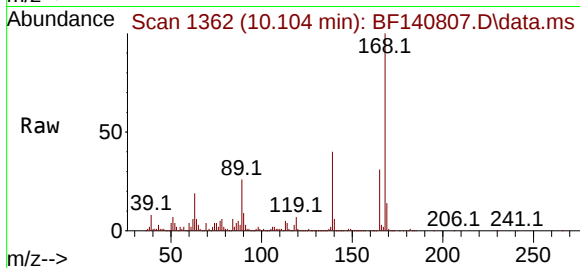




#57
2,4-Dinitrotoluene
Concen: 47.404 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

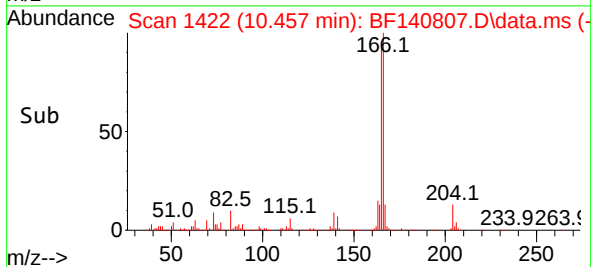
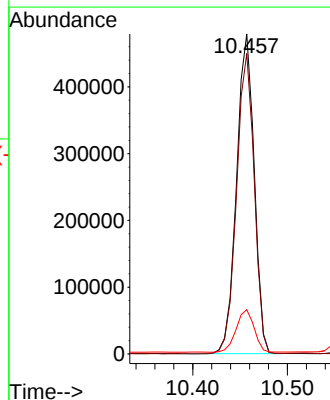
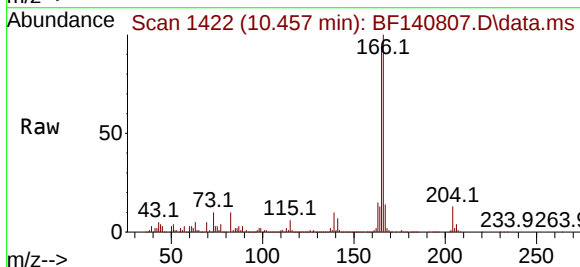
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

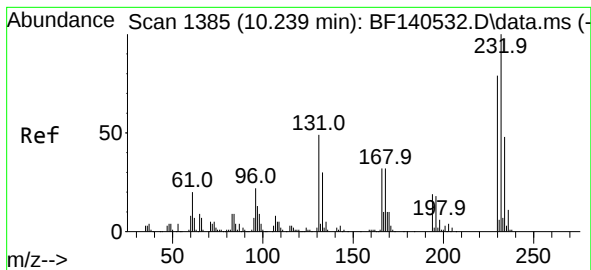
Tgt Ion:165 Resp: 172926
Ion Ratio Lower Upper
165 100
63 61.0 41.7 62.5
89 85.9 65.8 98.8
182 4.2 2.1 3.1#



#58
Fluorene
Concen: 50.594 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:166 Resp: 618227
Ion Ratio Lower Upper
166 100
165 93.9 74.6 111.8
167 13.8 10.6 16.0

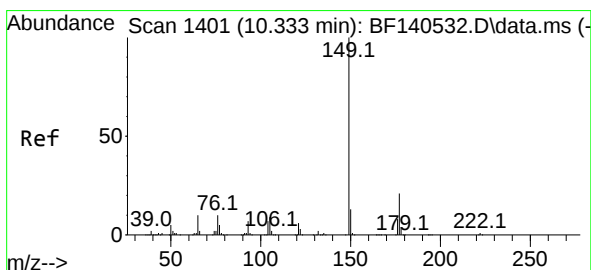
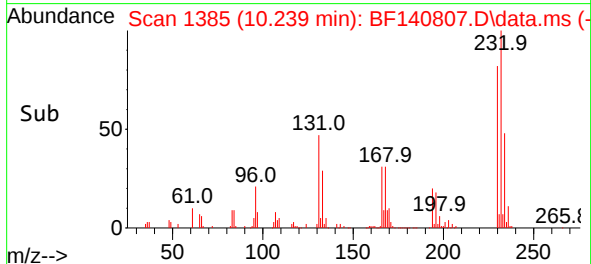
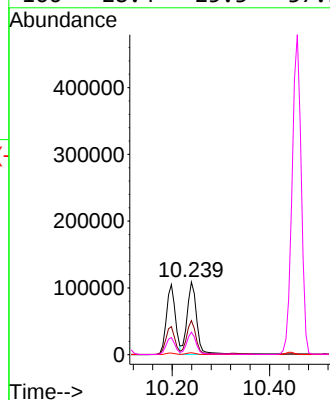
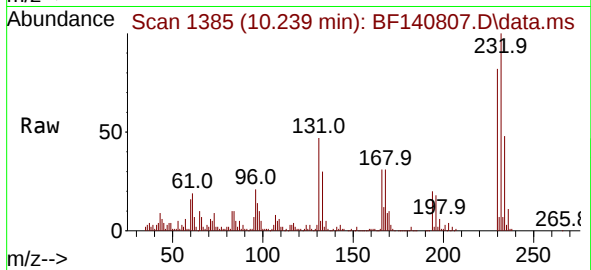




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.129 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

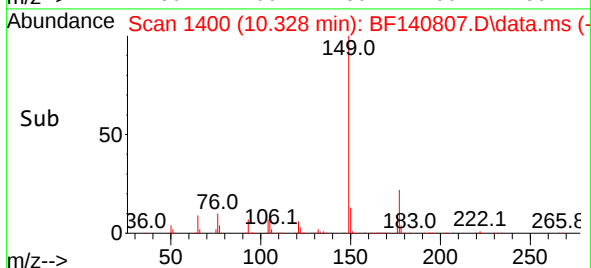
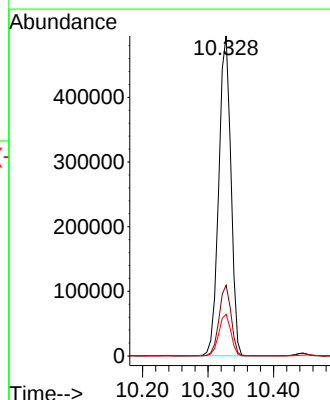
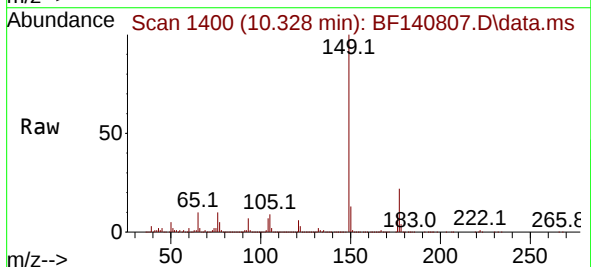
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

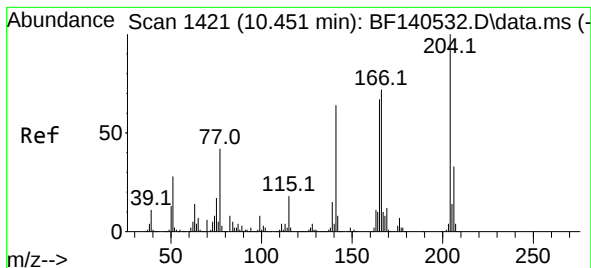
Tgt Ion:232 Resp: 149590
Ion Ratio Lower Upper
232 100
131 44.6 39.6 59.4
130 2.2 1.9 2.9
166 28.4 25.3 37.9



#60
Diethylphthalate
Concen: 51.324 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:149 Resp: 631102
Ion Ratio Lower Upper
149 100
177 22.1 17.1 25.7
150 13.0 10.1 15.1

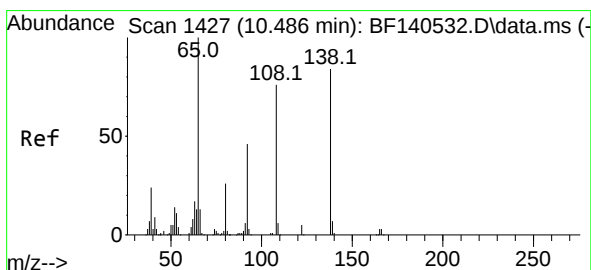
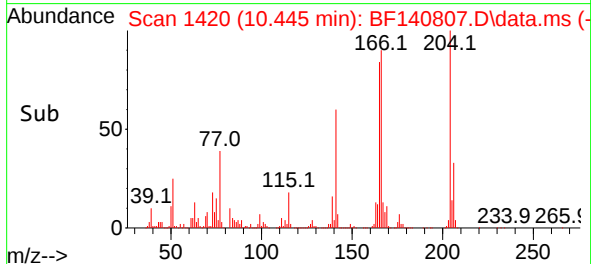
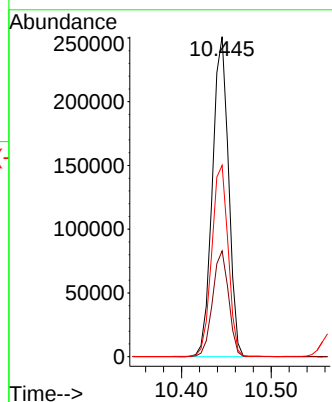
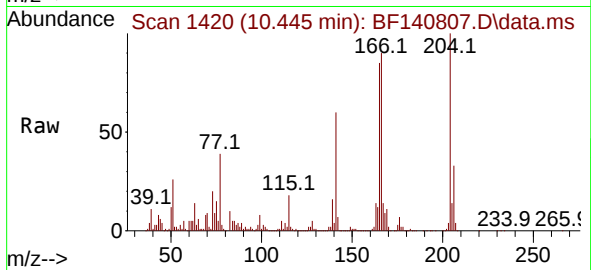




#61
4-Chlorophenyl-phenylether
Concen: 52.224 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

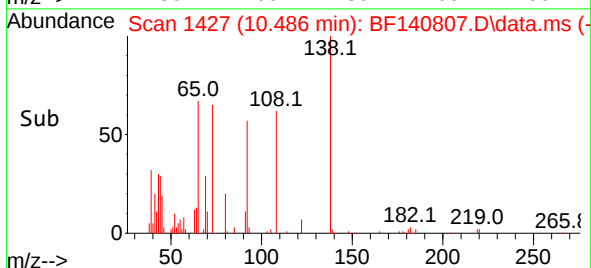
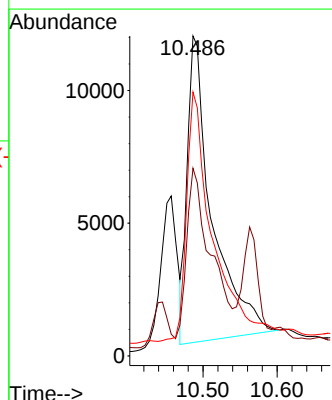
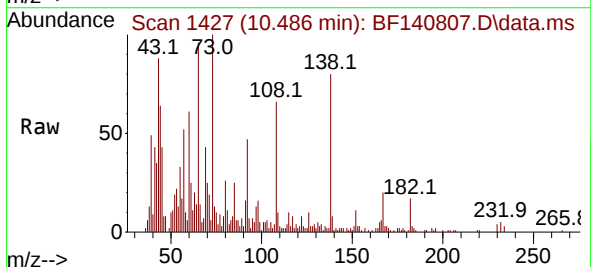
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

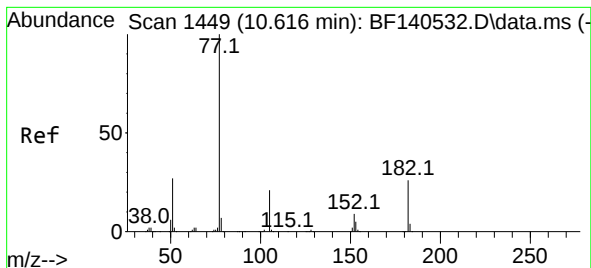
Tgt Ion:204 Resp: 313172
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 59.8 51.1 76.7



#62
4-Nitroaniline
Concen: 9.554 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:138 Resp: 26899
Ion Ratio Lower Upper
138 100
92 58.7 34.5 74.5
108 82.4 70.6 110.6





#63

Azobenzene

Concen: 51.927 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

Tgt Ion: 77 Resp: 604672

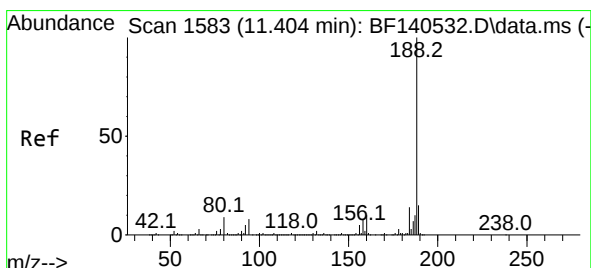
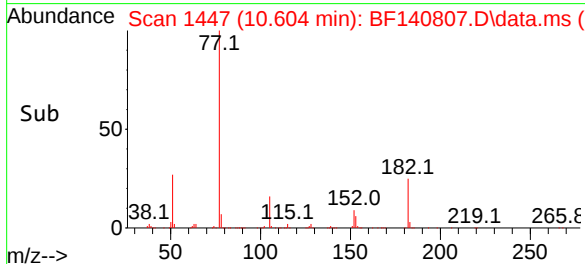
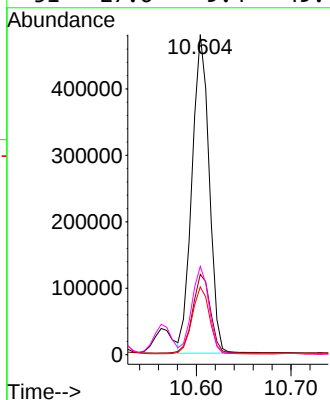
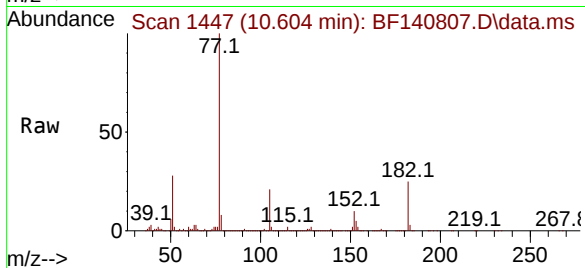
Ion Ratio Lower Upper

77 100

182 25.1 5.3 45.3

105 21.2 0.3 40.3

51 27.6 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

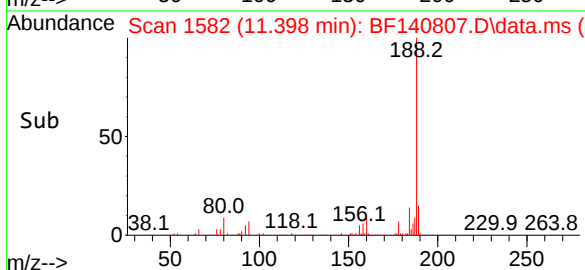
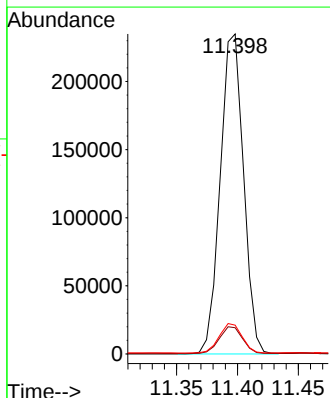
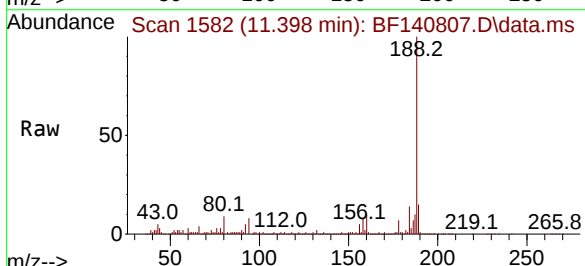
Tgt Ion: 188 Resp: 313078

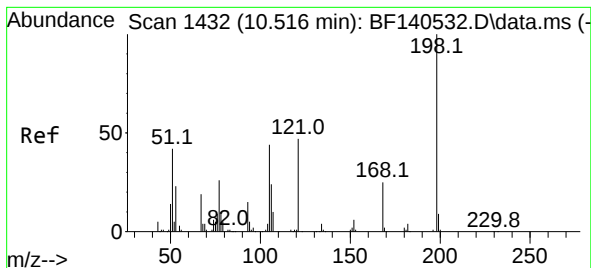
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.0 6.9 10.3

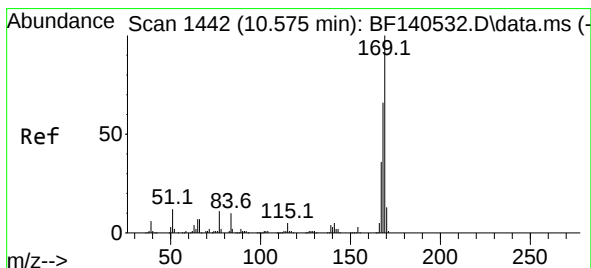
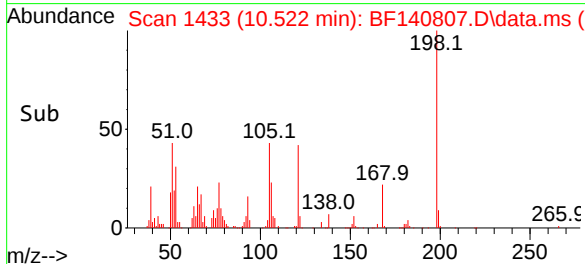
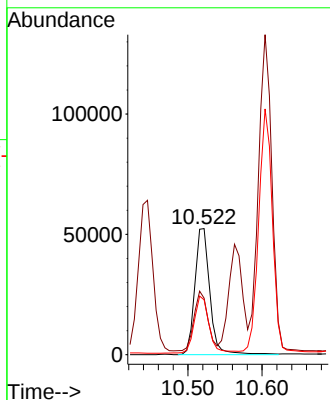
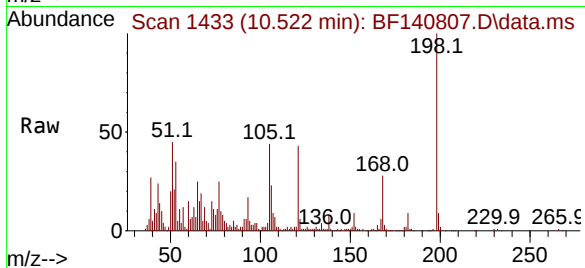




#65
4,6-Dinitro-2-methylphenol
Concen: 46.200 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

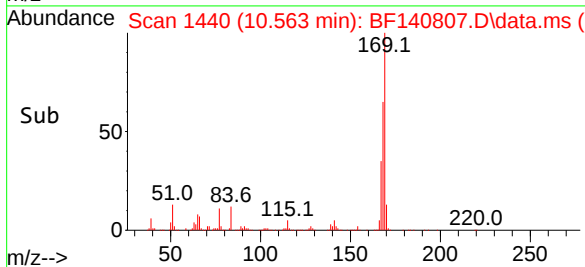
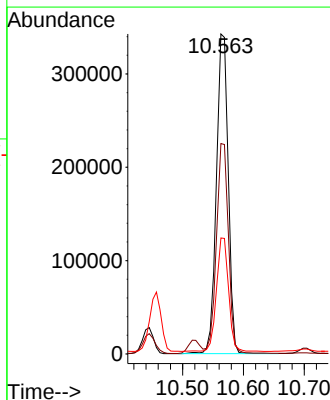
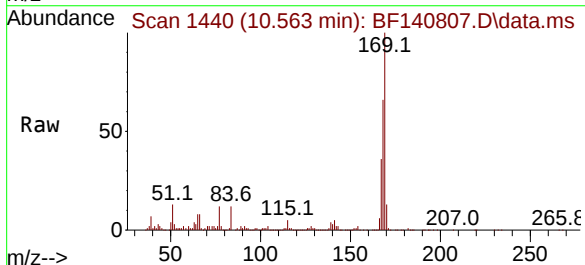
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

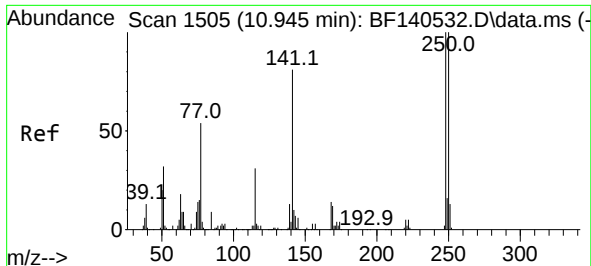
Tgt Ion:198 Resp: 73912
Ion Ratio Lower Upper
198 100
51 44.9 29.4 69.4
105 43.6 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 49.772 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:169 Resp: 460818
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.3 29.0 43.6

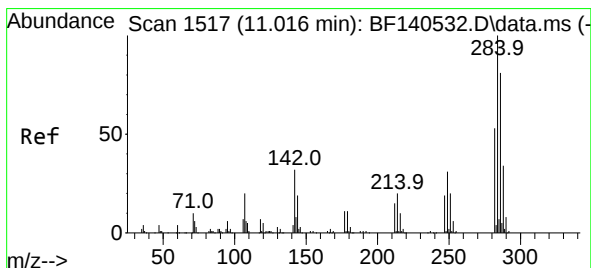
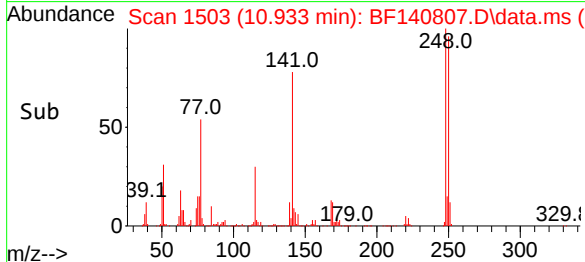
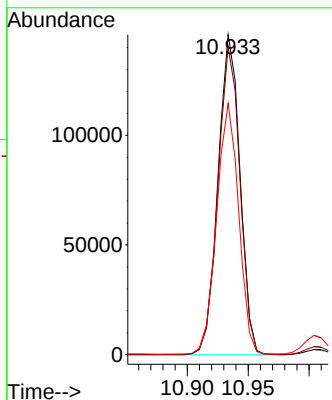
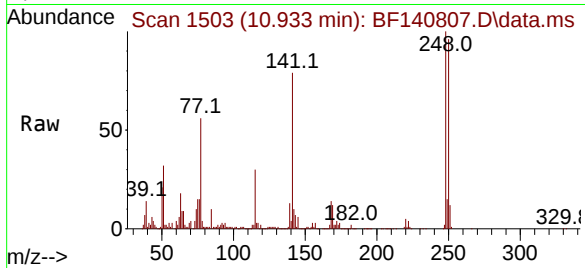




#67
4-Bromophenyl-phenylether
Concen: 56.803 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

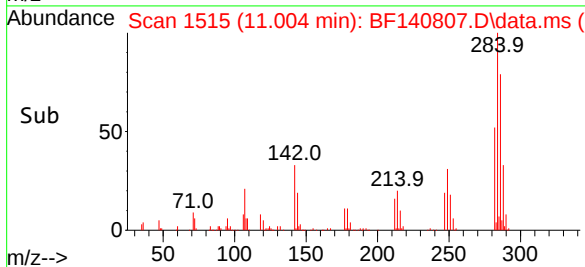
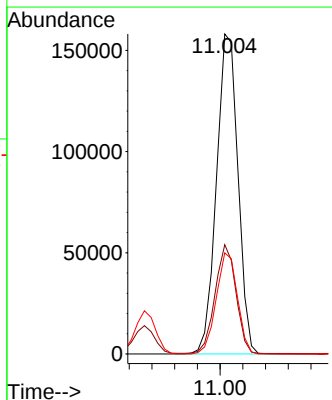
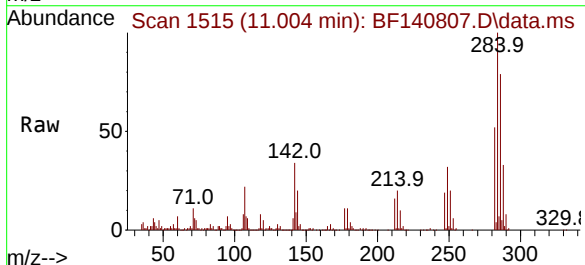
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

Tgt Ion:248 Resp: 183146
Ion Ratio Lower Upper
248 100
250 96.3 79.8 119.8
141 78.6 64.7 97.1



#68
Hexachlorobenzene
Concen: 55.670 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:284 Resp: 207836
Ion Ratio Lower Upper
284 100
142 34.2 25.3 37.9
249 31.6 24.8 37.2





#69

Atrazine

Concen: 31.546 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

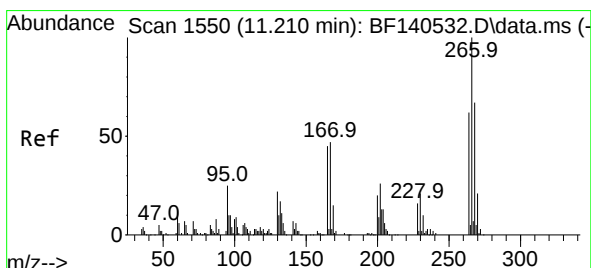
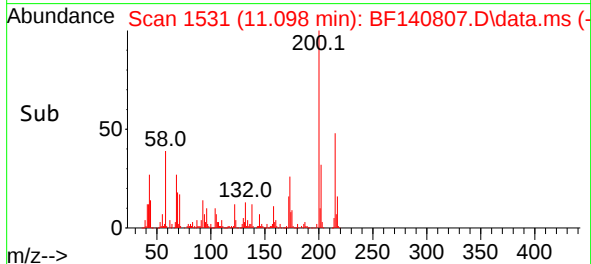
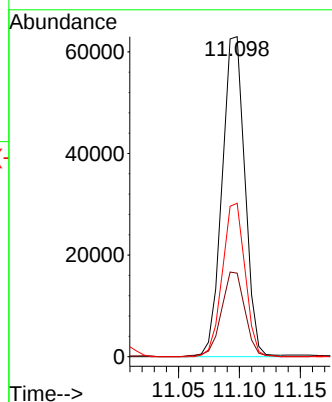
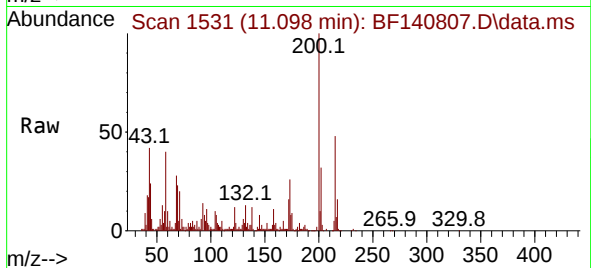
Tgt Ion:200 Resp: 82165

Ion Ratio Lower Upper

200 100

173 26.1 7.0 47.0

215 48.0 26.7 66.7



#70

Pentachlorophenol

Concen: 84.510 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

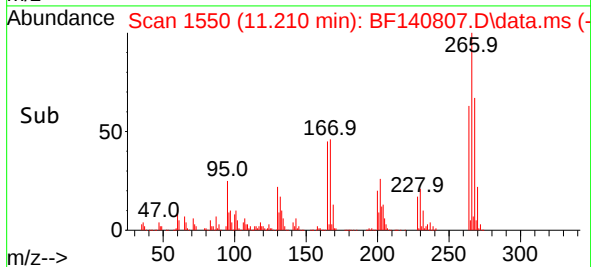
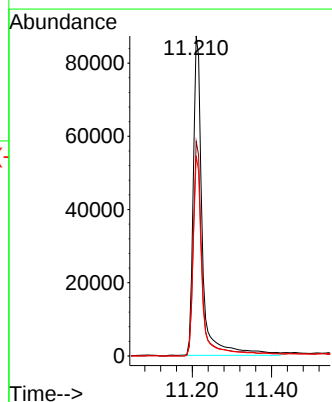
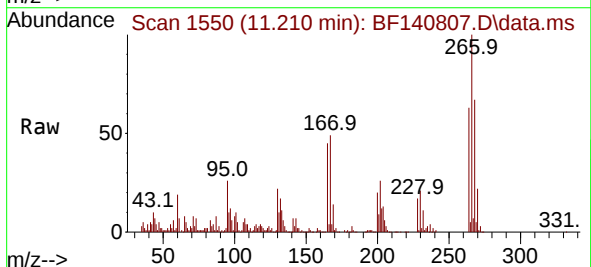
Tgt Ion:266 Resp: 138861

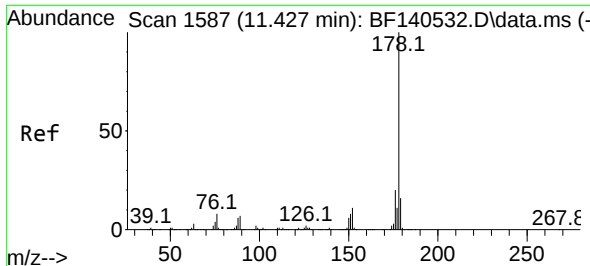
Ion Ratio Lower Upper

266 100

268 67.0 53.7 80.5

264 62.6 49.8 74.8

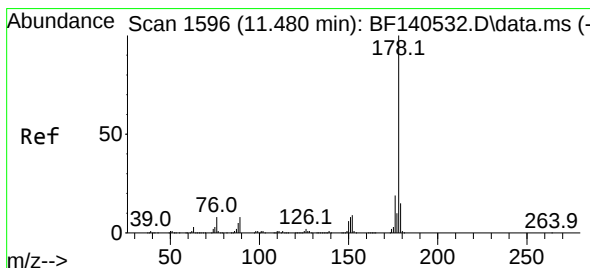
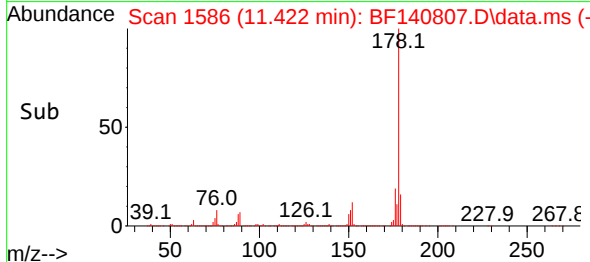
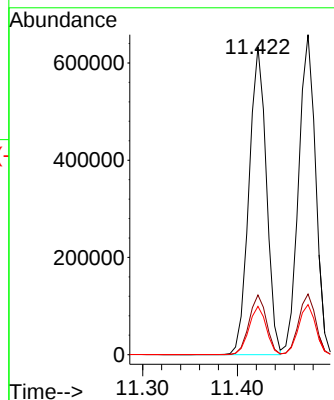
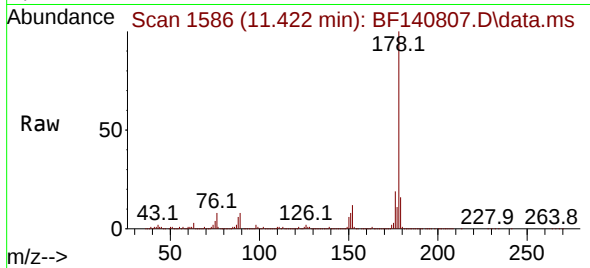




#71
Phenanthrene
Concen: 53.670 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

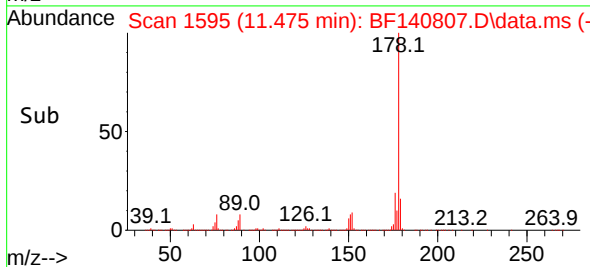
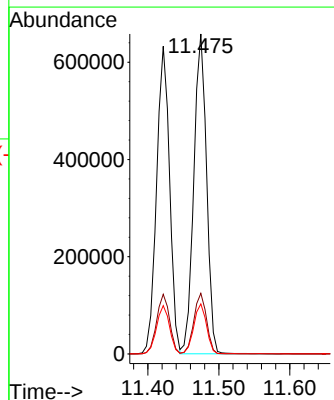
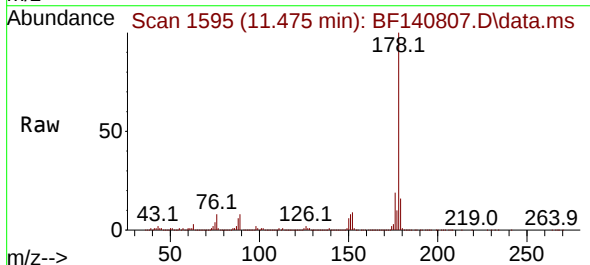
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

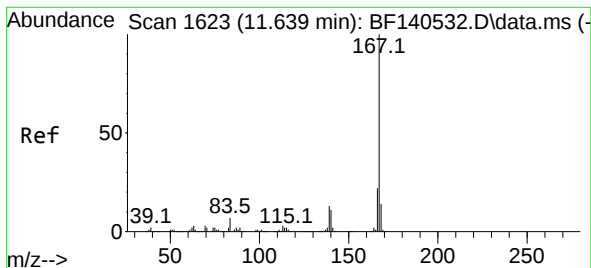
Tgt Ion:178 Resp: 807702
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.7 12.4 18.6



#72
Anthracene
Concen: 55.867 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:178 Resp: 822432
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.7 12.2 18.4





#73

Carbazole

Concen: 32.935 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

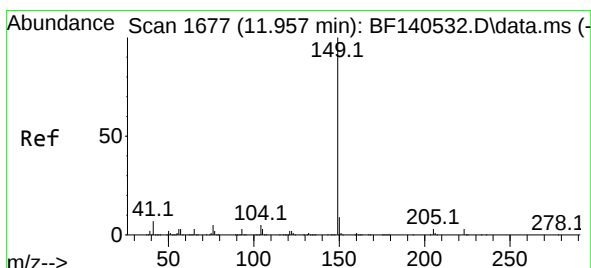
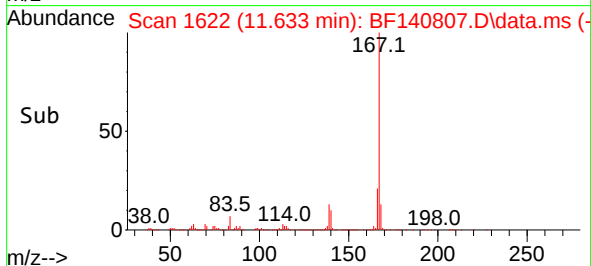
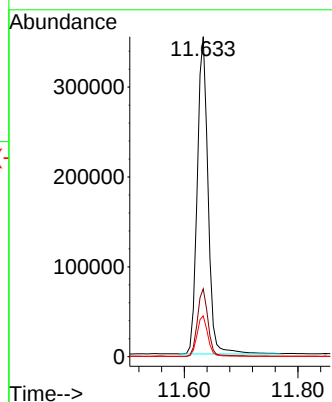
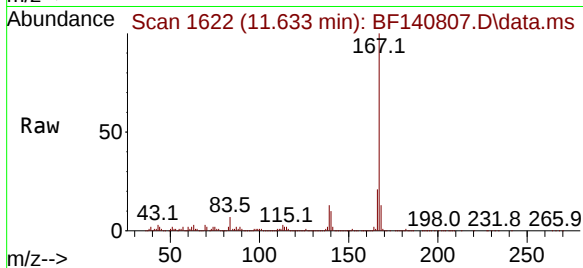
Tgt Ion:167 Resp: 466419

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 12.8 10.6 15.8



#74

Di-n-butylphthalate

Concen: 49.845 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

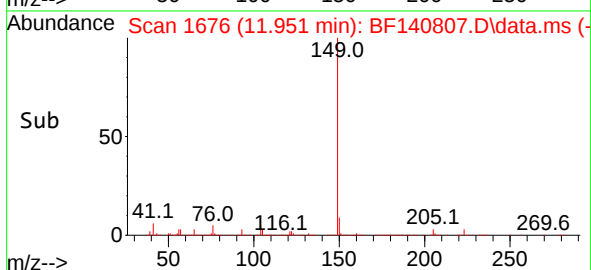
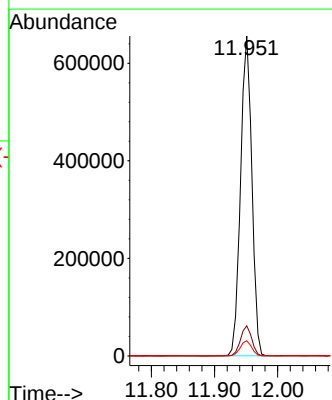
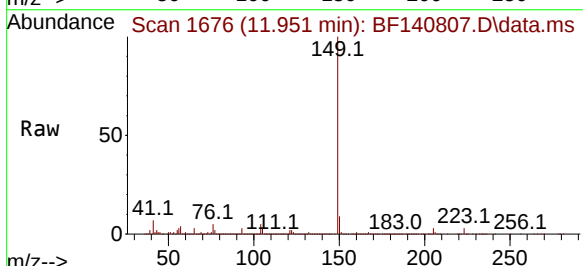
Tgt Ion:149 Resp: 814955

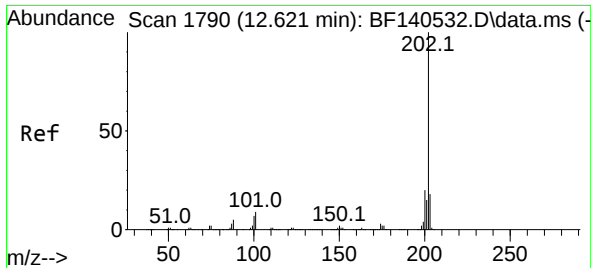
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.8 4.1 6.1

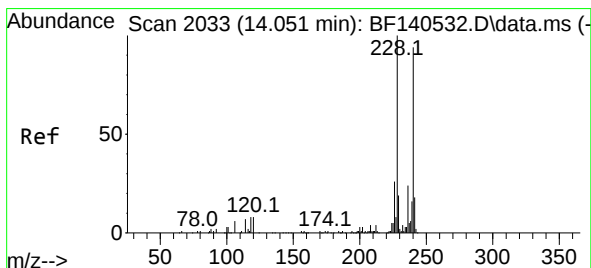
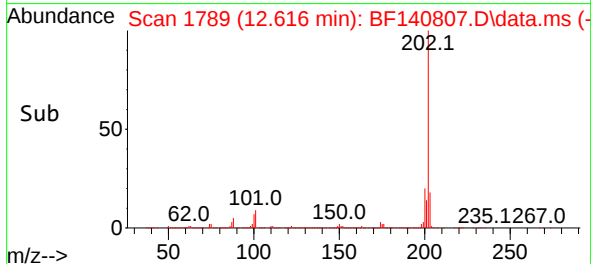
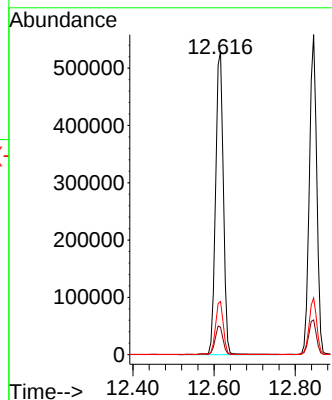
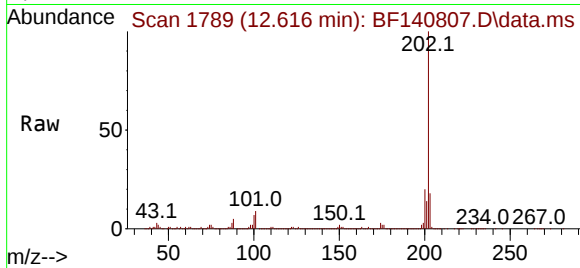




#75
Fluoranthene
Concen: 42.489 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

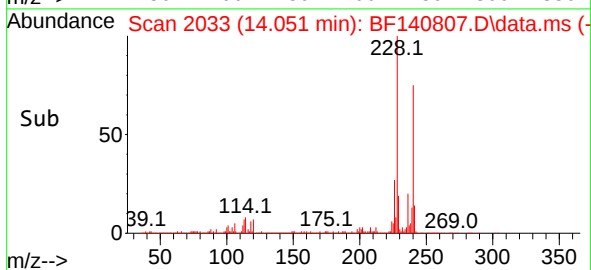
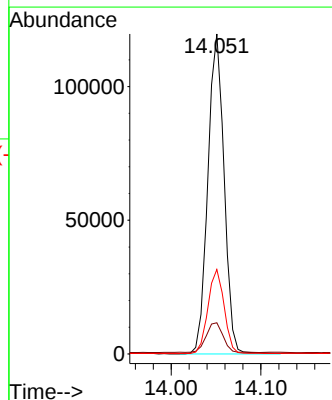
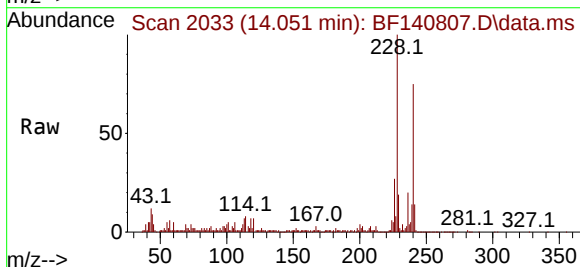
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

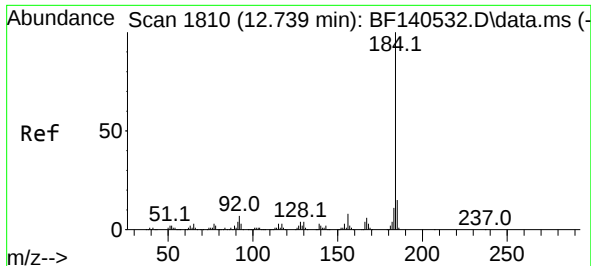
Tgt Ion:202 Resp: 694266
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:240 Resp: 150565
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.4 20.6 31.0

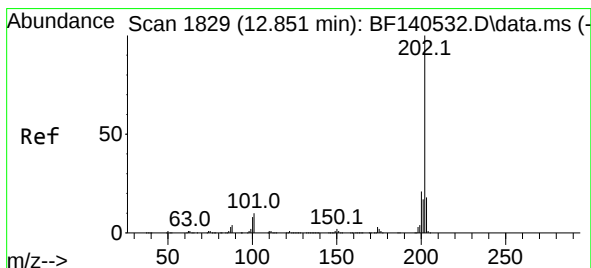
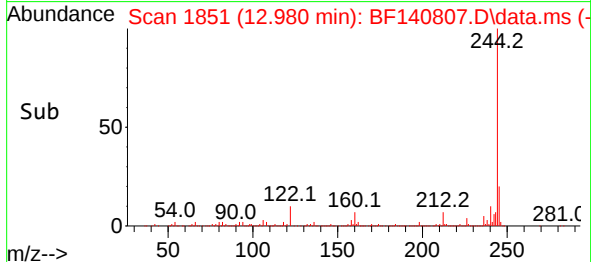
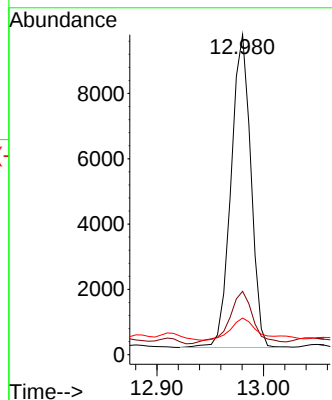
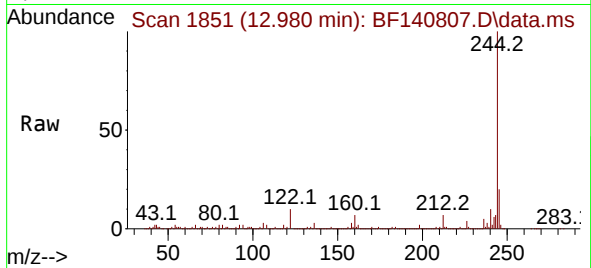




#77
Benzidine
Concen: 2.833 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

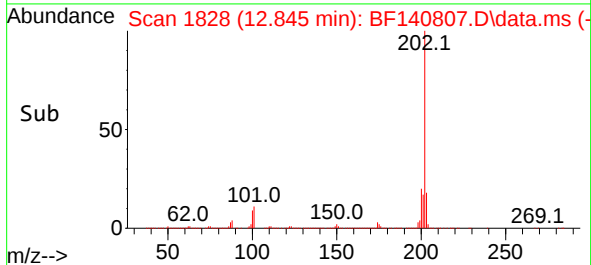
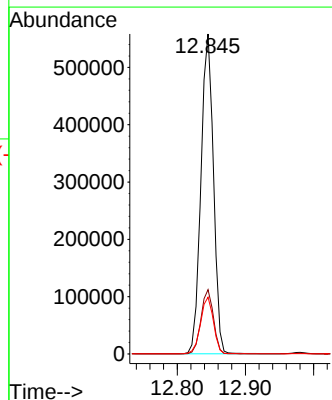
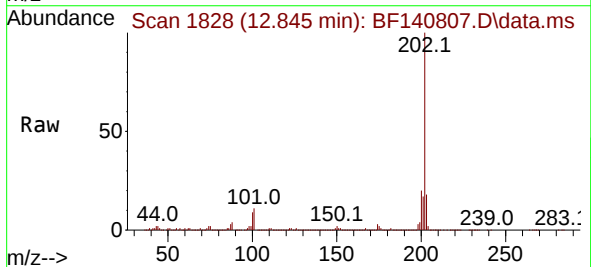
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

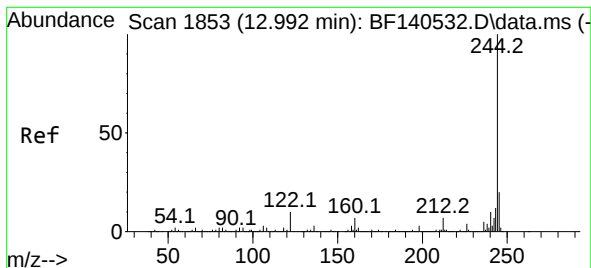
Tgt Ion:184 Resp: 12403
Ion Ratio Lower Upper
184 100
185 19.8 11.7 17.5#
183 11.4 8.8 13.2



#78
Pyrene
Concen: 51.089 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:202 Resp: 711243
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 95.433 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

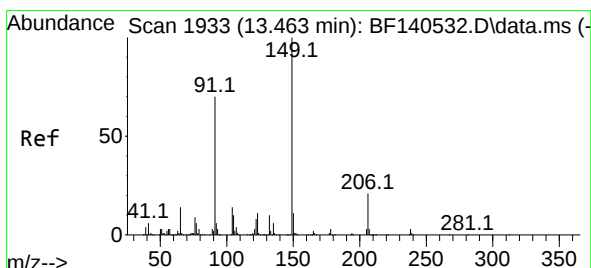
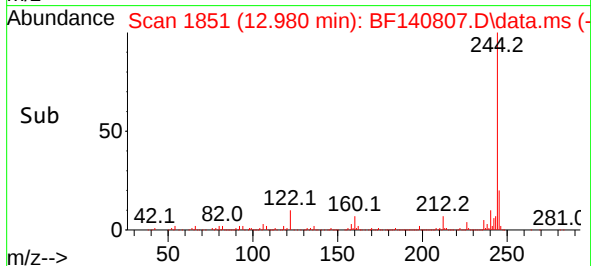
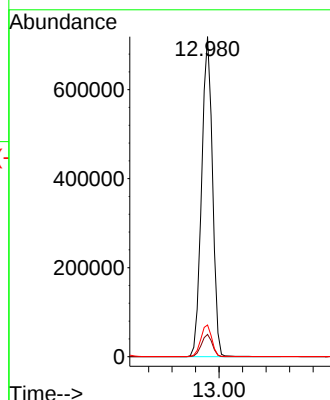
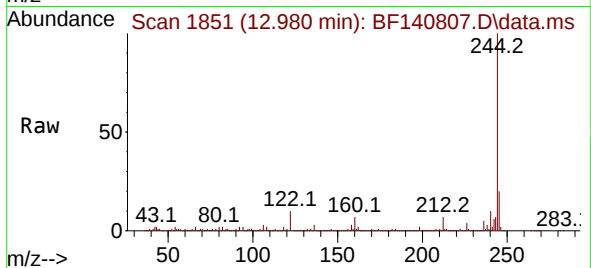
Tgt Ion:244 Resp: 922774

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.9 8.0 12.0



#80

Butylbenzylphthalate

Concen: 49.247 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

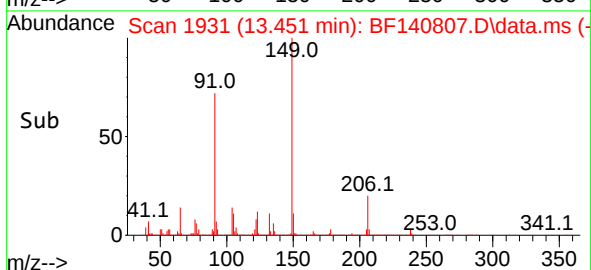
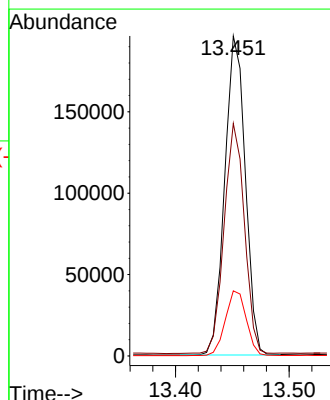
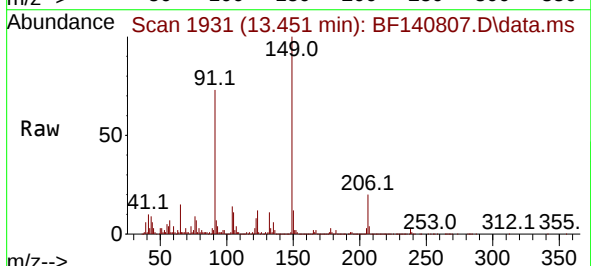
Tgt Ion:149 Resp: 246981

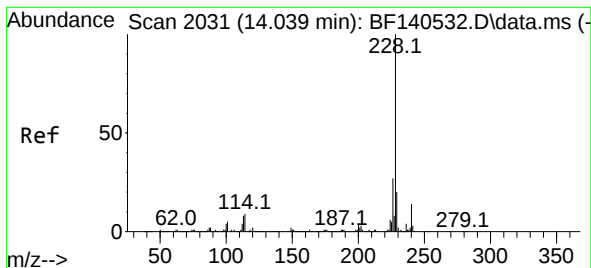
Ion Ratio Lower Upper

149 100

91 72.7 56.2 84.2

206 20.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.420 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

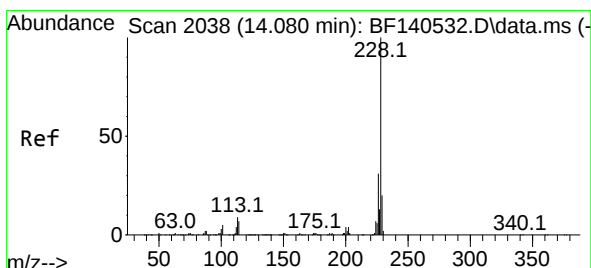
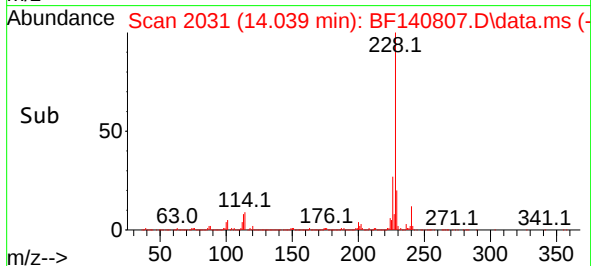
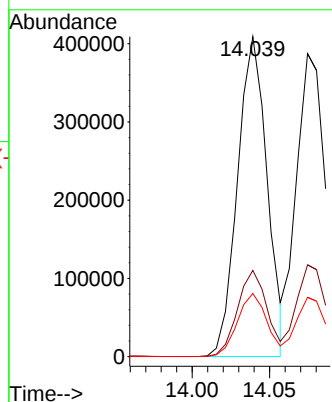
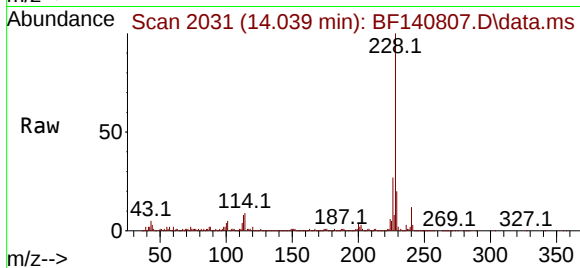
Tgt Ion:228 Resp: 542393

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.7 15.8 23.6



#83

Chrysene

Concen: 55.833 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

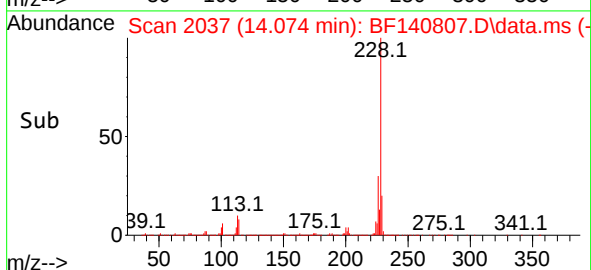
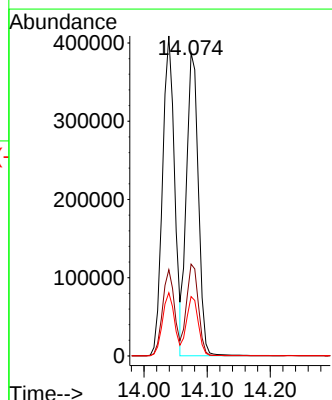
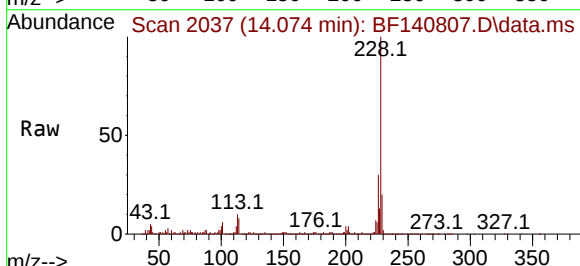
Tgt Ion:228 Resp: 508835

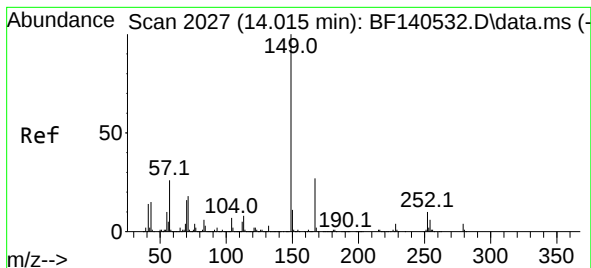
Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.6 15.8 23.6

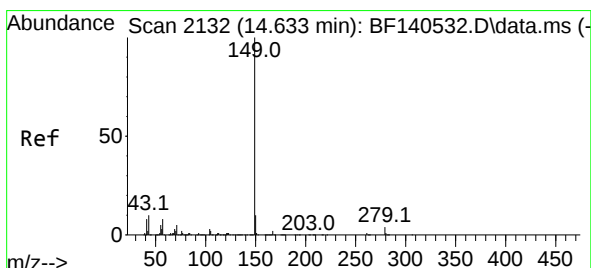
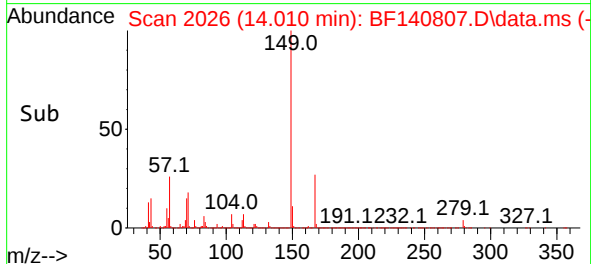
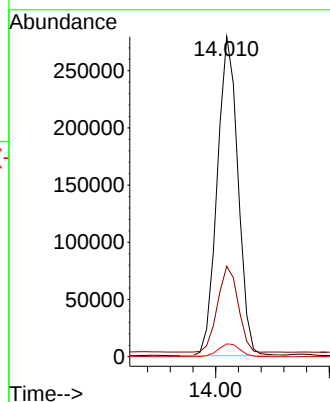
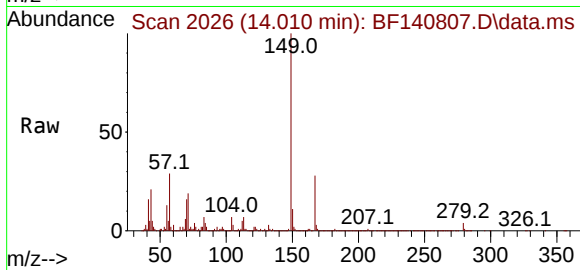




#84
Bis(2-ethylhexyl)phthalate
Concen: 55.989 ng
RT: 14.010 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

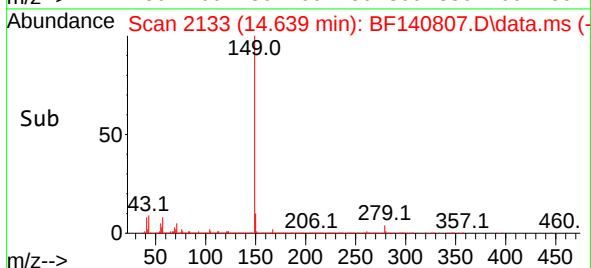
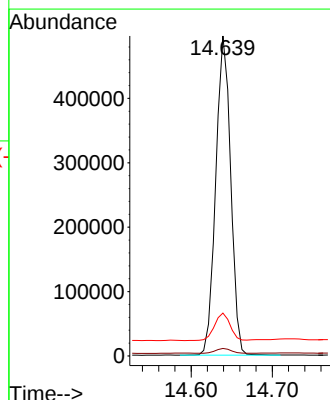
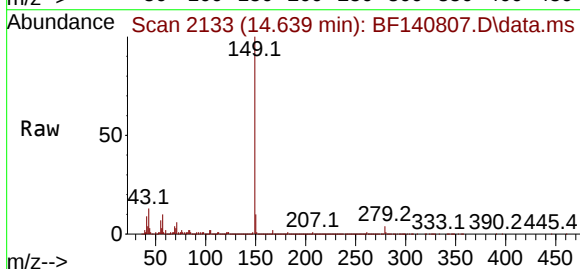
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMS

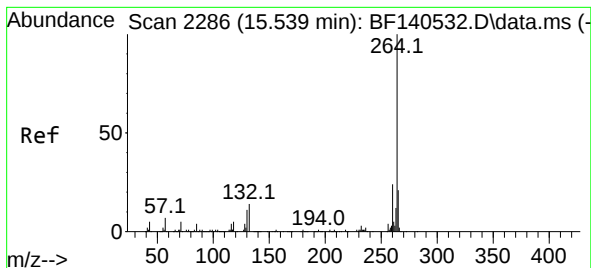
Tgt Ion:149 Resp: 354556
Ion Ratio Lower Upper
149 100
167 28.3 21.2 31.8
279 4.0 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 73.141 ng
RT: 14.639 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BF140807.D
Acq: 10 Dec 2024 15:49

Tgt Ion:149 Resp: 632984
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

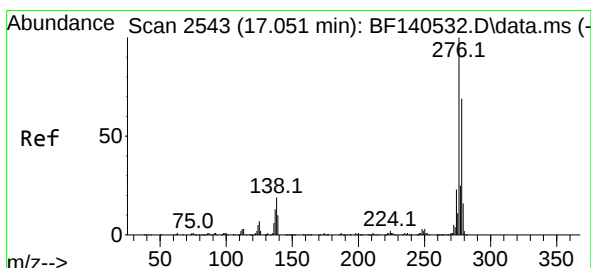
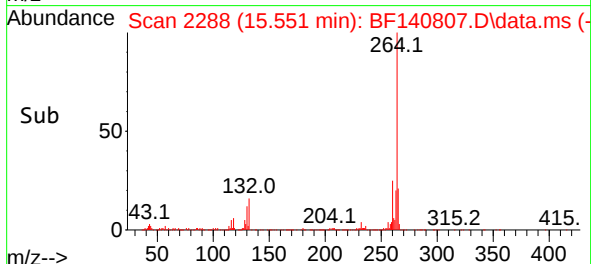
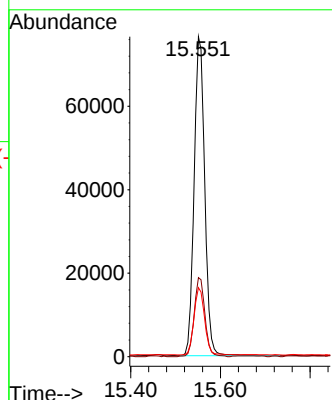
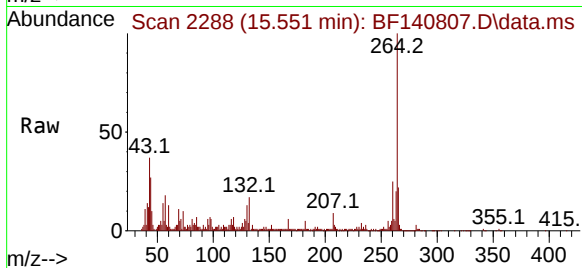
Tgt Ion:264 Resp: 125517

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.6

265 21.5 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 40.711 ng

RT: 17.074 min Scan# 2547

Delta R.T. 0.024 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

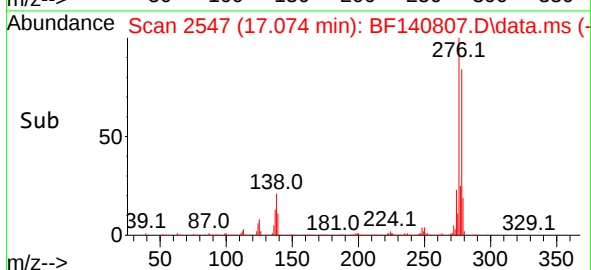
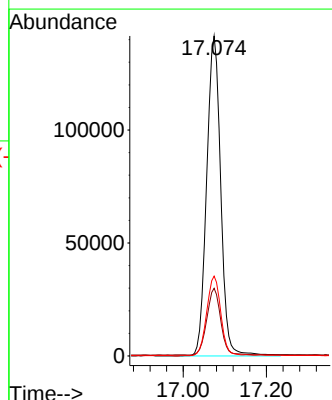
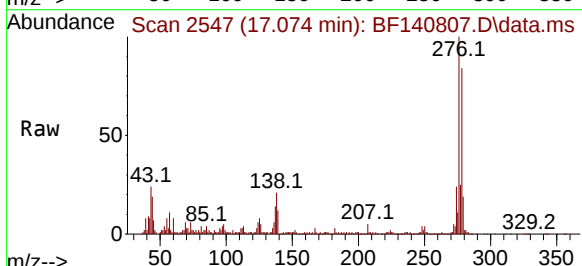
Tgt Ion:276 Resp: 333011

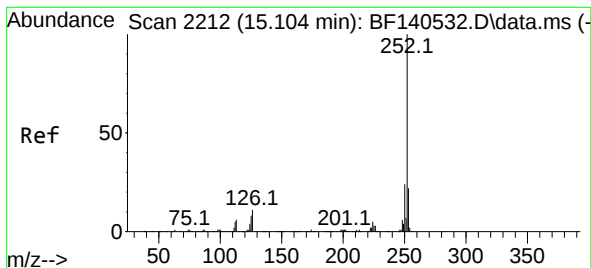
Ion Ratio Lower Upper

276 100

138 20.4 15.5 23.3

277 24.8 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 63.887 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

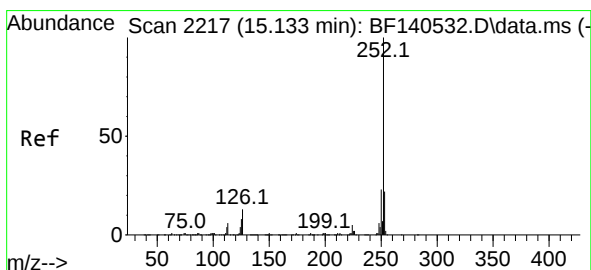
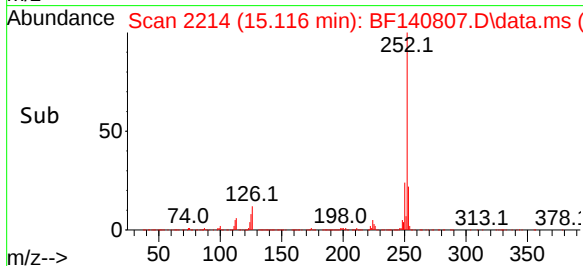
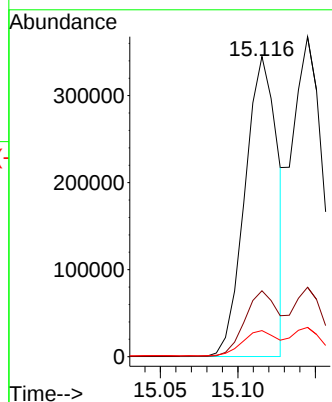
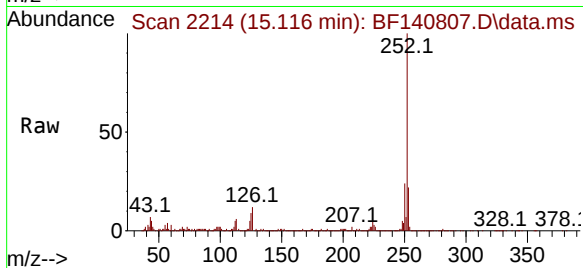
Tgt Ion:252 Resp: 503677

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 8.7 6.7 10.1



#89

Benzo(k)fluoranthene

Concen: 63.156 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

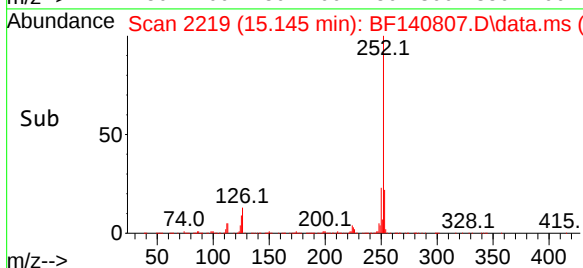
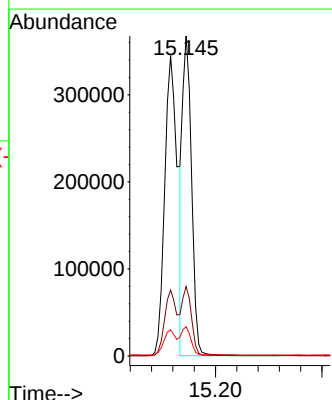
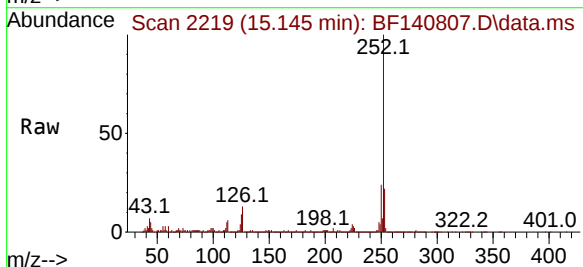
Tgt Ion:252 Resp: 435716

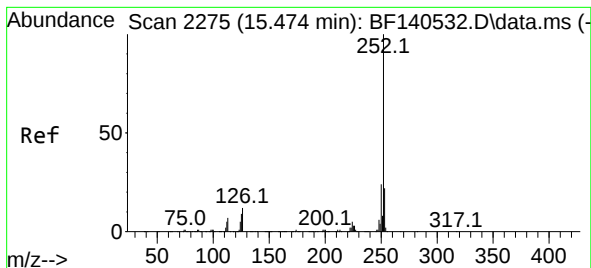
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.2 6.5 9.7





#90

Benzo(a)pyrene

Concen: 63.835 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMS

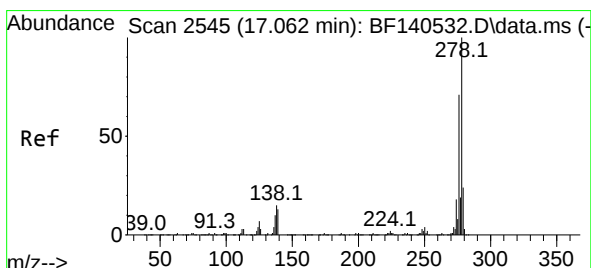
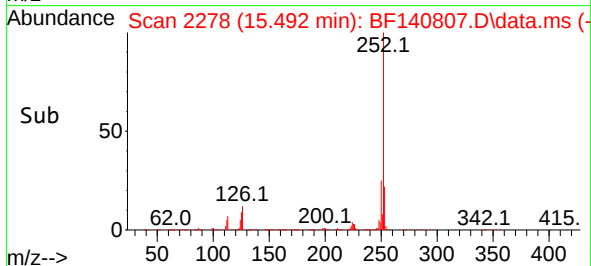
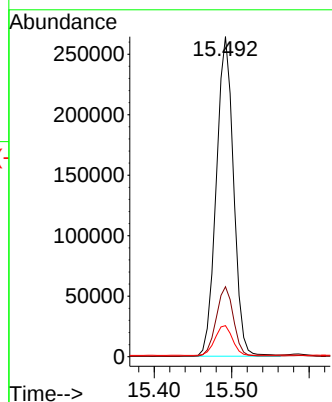
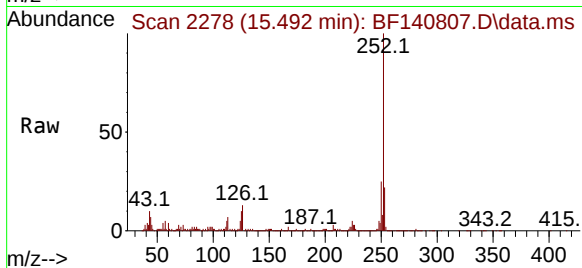
Tgt Ion:252 Resp: 409201

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.7 7.0 10.6



#91

Dibenzo(a,h)anthracene

Concen: 40.719 ng

RT: 17.080 min Scan# 2548

Delta R.T. 0.018 min

Lab File: BF140807.D

Acq: 10 Dec 2024 15:49

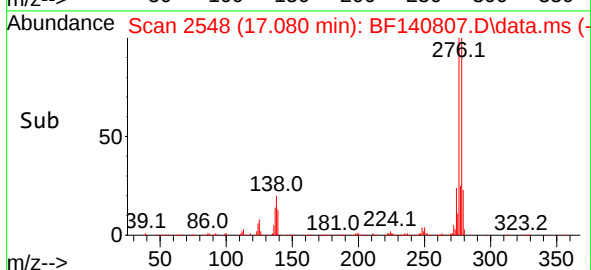
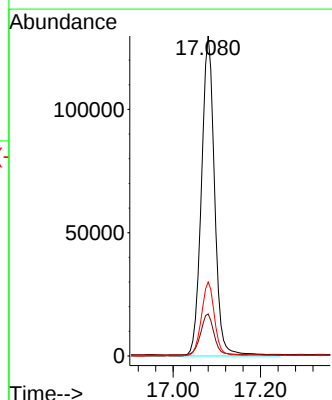
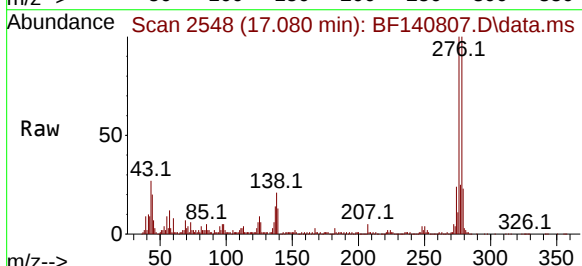
Tgt Ion:278 Resp: 272774

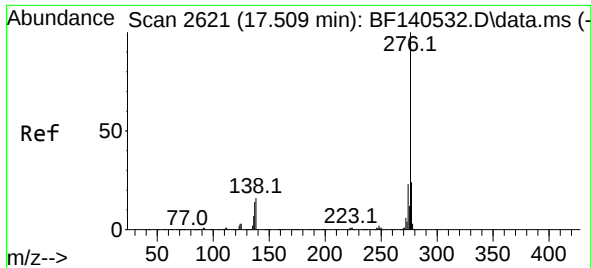
Ion Ratio Lower Upper

278 100

139 13.1 10.2 15.4

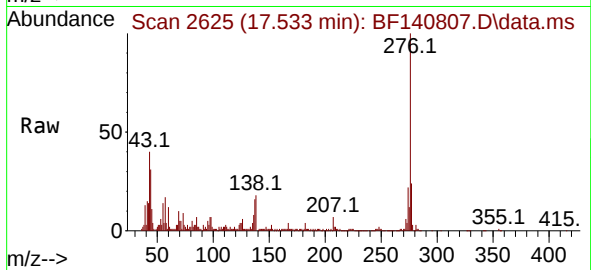
279 23.2 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 34.790 ng
 RT: 17.533 min Scan# 20
 Delta R.T. 0.024 min
 Lab File: BF140807.D
 Acq: 10 Dec 2024 15:49

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMS



Tgt Ion: 276 Resp: 237820

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	17.9	13.2	19.8

