

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140801.D
 Acq On : 10 Dec 2024 12:47
 Operator : RC/JU
 Sample : P5174-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

Quant Time: Dec 10 14:15:10 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	74812	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	269947	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	134407	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	182939	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	152886	20.000	ng	0.00
86) Perylene-d12	15.539	264	142462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	462885	105.568	ng	0.00
7) Phenol-d6	6.510	99	594334	102.530	ng	0.00
23) Nitrobenzene-d5	7.428	82	391924	74.263	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	113829	79.186	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	655001	72.609	ng	-0.01
79) Terphenyl-d14	12.974	244	465788	47.440	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	87412	47.416	ng	97
3) Pyridine	3.451	79	217379	53.592	ng	99
4) n-Nitrosodimethylamine	3.404	42	109552	45.954	ng	87
6) Aniline	6.534	93	176580	43.279	ng	# 83
8) 2-Chlorophenol	6.657	128	244644	51.861	ng	96
9) Benzaldehyde	6.422	77	69517	22.654	ng	94
10) Phenol	6.528	94	311978	52.700	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	234316	51.725	ng	98
12) 1,3-Dichlorobenzene	6.804	146	262947	49.608	ng	98
13) 1,4-Dichlorobenzene	6.881	146	265998	49.562	ng	100
14) 1,2-Dichlorobenzene	7.033	146	251112	49.932	ng	99
15) Benzyl Alcohol	7.016	79	212025	49.322	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.133	45	282355	52.760	ng	68
17) 2-Methylphenol	7.128	107	189134	50.087	ng	96
18) Hexachloroethane	7.375	117	105156	52.460	ng	100
19) n-Nitroso-di-n-propyla...	7.275	70	175205	51.143	ng	96
20) 3+4-Methylphenols	7.286	107	248109	51.118	ng	# 72
22) Acetophenone	7.275	105	340963	51.809	ng	94
24) Nitrobenzene	7.451	77	261697	47.978	ng	96
25) Isophorone	7.686	82	458829	52.125	ng	99
26) 2-Nitrophenol	7.763	139	126297	52.250	ng	99
27) 2,4-Dimethylphenol	7.804	122	179740	62.148	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	277484	51.745	ng	99
29) 2,4-Dichlorophenol	8.016	162	199410	52.035	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	214054	48.920	ng	99
31) Naphthalene	8.169	128	719998	51.781	ng	99
32) Benzoic acid	7.939	122	84646	35.786	ng	97
33) 4-Chloroaniline	8.228	127	64767	15.557	ng	97
34) Hexachlorobutadiene	8.280	225	142143	49.046	ng	99
35) Caprolactam	8.586	113	60308	50.851	ng	# 79
36) 4-Chloro-3-methylphenol	8.716	107	199875	46.583	ng	100
37) 2-Methylnaphthalene	8.857	142	488756	55.341	ng	98
38) 1-Methylnaphthalene	8.957	142	436010	50.366	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	210852	53.587	ng	98
41) Hexachlorocyclopentadiene	9.010	237	104909	115.096	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	123739	50.117	ng	100

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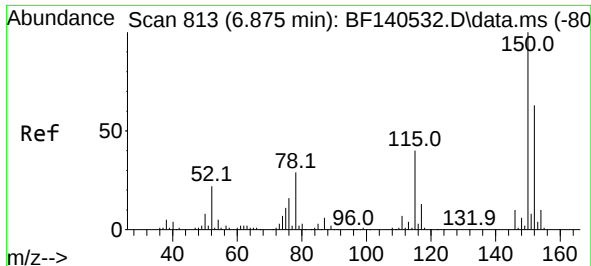
Quant Time: Dec 10 14:15:10 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	123959	46.260	ng	96
46) 1,1'-Biphenyl	9.322	154	550140	54.822	ng	99
47) 2-Chloronaphthalene	9.351	162	397598	52.290	ng	98
48) 2-Nitroaniline	9.451	65	123316	50.526	ng	98
49) Acenaphthylene	9.763	152	622227	54.160	ng	99
50) Dimethylphthalate	9.622	163	458225	51.765	ng	100
51) 2,6-Dinitrotoluene	9.692	165	94950	47.296	ng	94
52) Acenaphthene	9.939	154	376630	51.595	ng	99
53) 3-Nitroaniline	9.863	138	55196	28.111	ng	95
54) 2,4-Dinitrophenol	9.986	184	28633	32.669	ng	97
55) Dibenzofuran	10.110	168	543472	48.810	ng	98
56) 4-Nitrophenol	10.051	139	80758	60.307	ng	96
57) 2,4-Dinitrotoluene	10.104	165	116978	43.843	ng	# 94
58) Fluorene	10.451	166	429589	48.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	93970	45.630	ng	# 93
60) Diethylphthalate	10.322	149	425614	47.323	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	211202	48.153	ng	99
62) 4-Nitroaniline	10.480	138	73023	35.459	ng	93
63) Azobenzene	10.604	77	400668	47.043	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	29405	31.455	ng	88
66) n-Nitrosodiphenylamine	10.563	169	365989	67.651	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	108100	57.378	ng	97
68) Hexachlorobenzene	11.004	284	113054	51.824	ng	97
69) Atrazine	11.086	200	91375	60.039	ng	98
70) Pentachlorophenol	11.210	266	70570	73.501	ng	99
71) Phenanthrene	11.421	178	630271	71.673	ng	99
72) Anthracene	11.468	178	509906	59.278	ng	99
73) Carbazole	11.627	167	435929	52.680	ng	99
74) Di-n-butylphthalate	11.945	149	524802	54.933	ng	99
75) Fluoranthene	12.610	202	796158	83.387	ng	99
77) Benzidine	12.733	184	88246	19.853	ng	98
78) Pyrene	12.845	202	821119	58.086	ng	99
80) Butylbenzylphthalate	13.451	149	217503	42.711	ng	99
81) Benzo(a)anthracene	14.033	228	716473	70.795	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	108998	35.872	ng	98
83) Chrysene	14.074	228	617925	66.774	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	301624	46.907	ng	99
85) Di-n-octyl phthalate	14.627	149	545228	62.044	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	410526	44.218	ng	98
88) Benzo(b)fluoranthene	15.104	252	712803	79.658	ng	98
89) Benzo(k)fluoranthene	15.133	252	494962	63.210	ng	98
90) Benzo(a)pyrene	15.480	252	507648	69.774	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	305961	40.240	ng	98
92) Benzo(g,h,i)perylene	17.515	276	279289	35.997	ng	99

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

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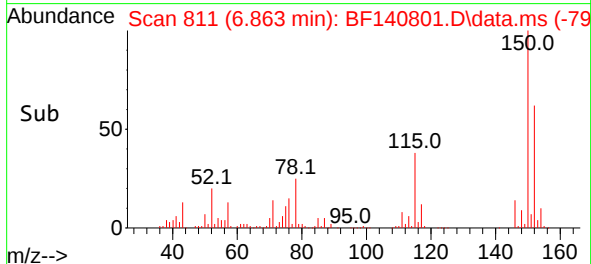
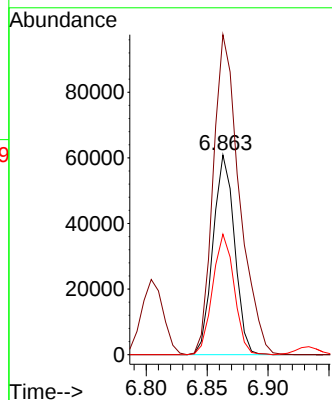
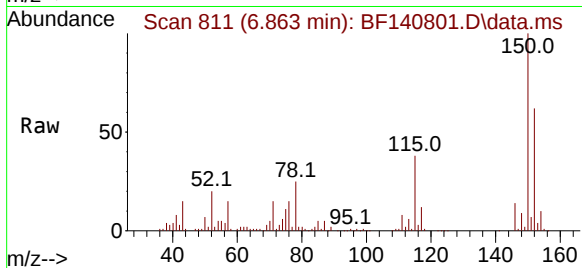




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

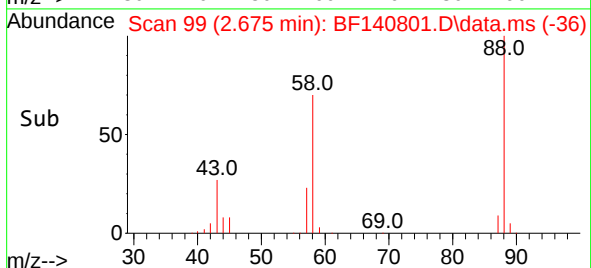
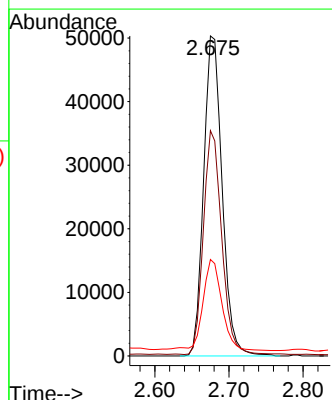
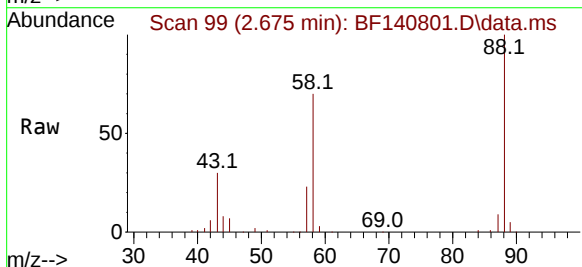
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

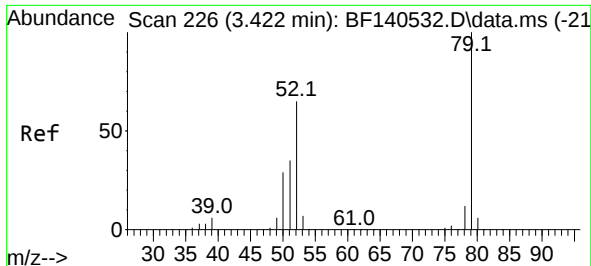
Tgt Ion:152 Resp: 74812
Ion Ratio Lower Upper
152 100
150 160.2 128.5 192.7
115 60.4 50.2 75.4



#2
1,4-Dioxane
Concen: 47.416 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.023 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion: 88 Resp: 87412
Ion Ratio Lower Upper
88 100
58 69.2 57.4 86.2
43 29.7 24.3 36.5





#3

Pyridine

Concen: 53.592 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

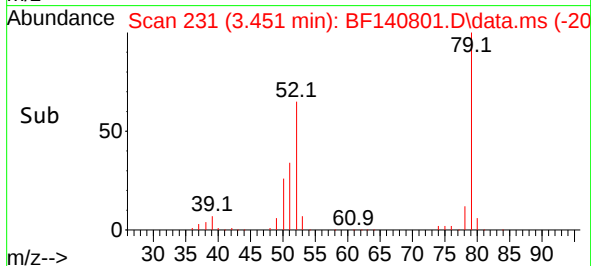
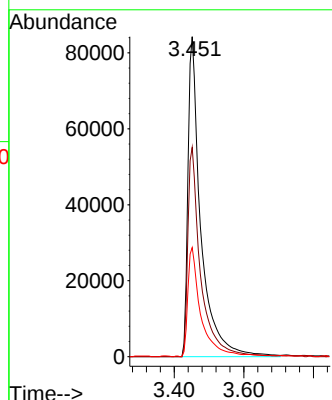
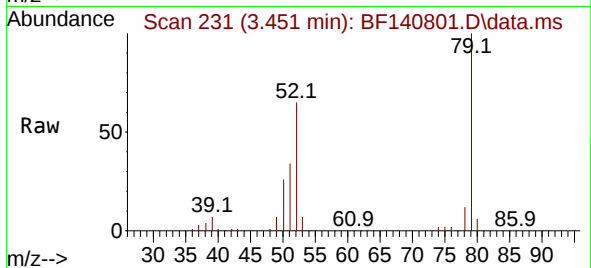
Tgt Ion: 79 Resp: 217379

Ion Ratio Lower Upper

79 100

52 65.4 52.1 78.1

51 34.1 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.954 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.023 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

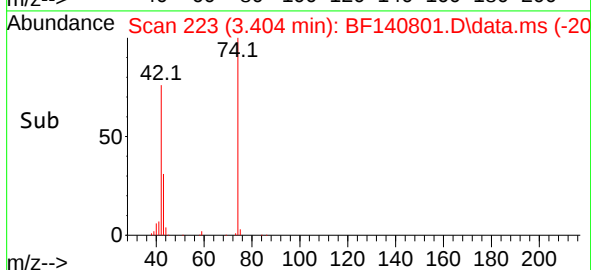
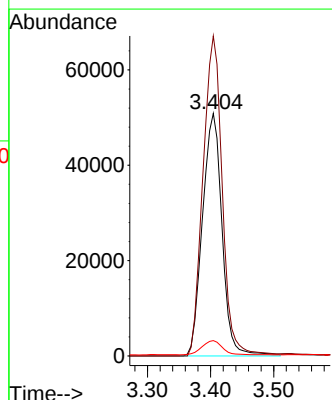
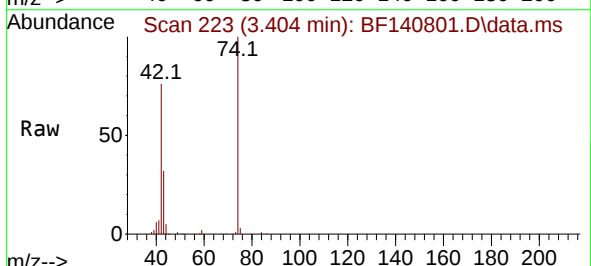
Tgt Ion: 42 Resp: 109552

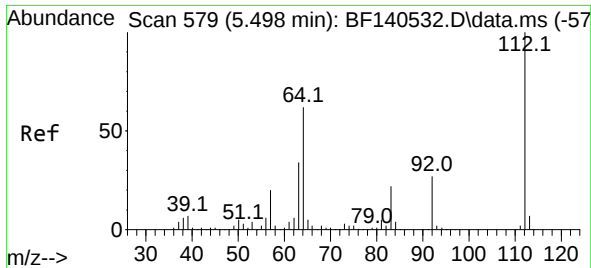
Ion Ratio Lower Upper

42 100

74 131.9 93.8 140.6

44 6.3 4.6 6.8

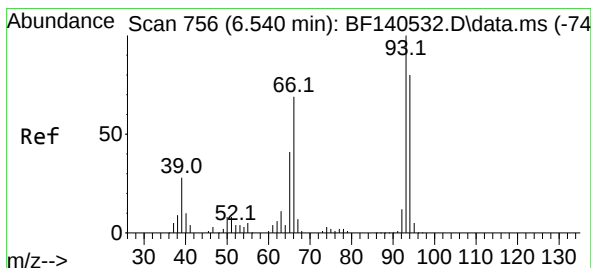
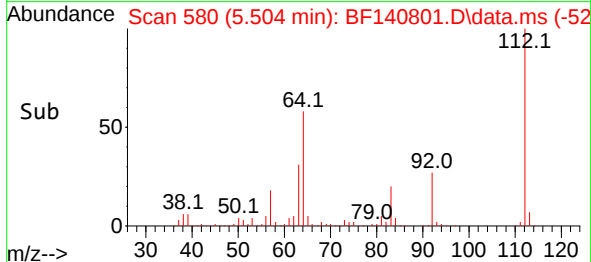
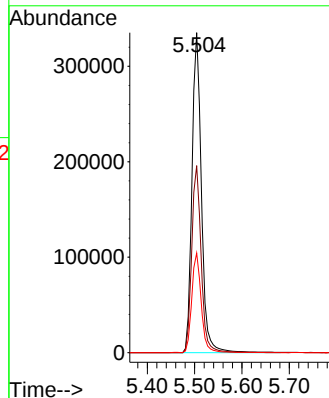
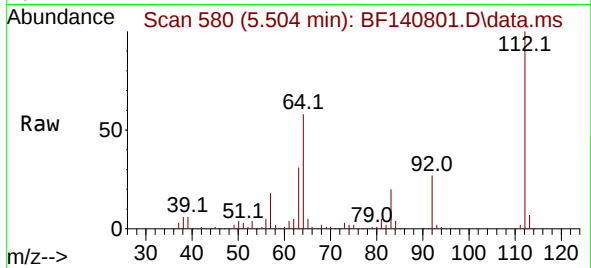




#5
2-Fluorophenol
Concen: 105.568 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

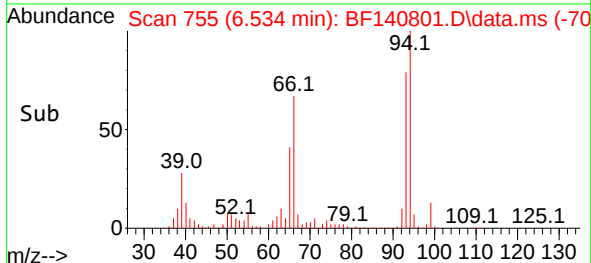
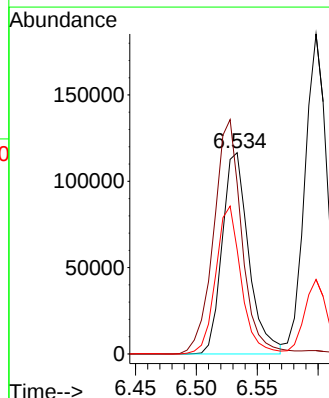
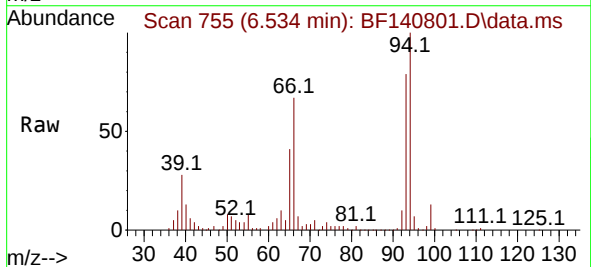
Instrument :
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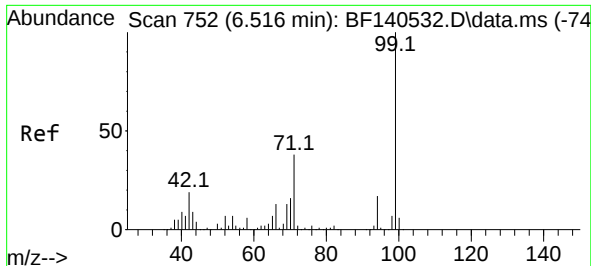
Tgt Ion:112 Resp: 462885
Ion Ratio Lower Upper
112 100
64 58.5 49.2 73.8
63 31.1 27.0 40.4



#6
Aniline
Concen: 43.279 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion: 93 Resp: 176580
Ion Ratio Lower Upper
93 100
66 84.7 56.5 84.7
65 51.7 32.9 49.3#





#7

Phenol-d6

Concen: 102.530 ng

RT: 6.510 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF140801.D

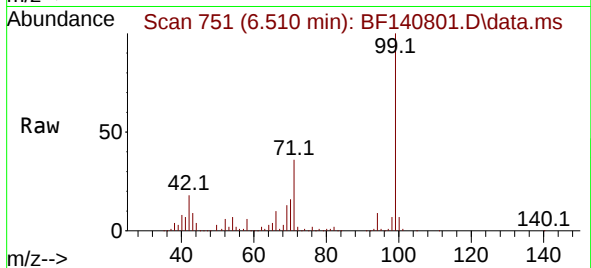
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Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD



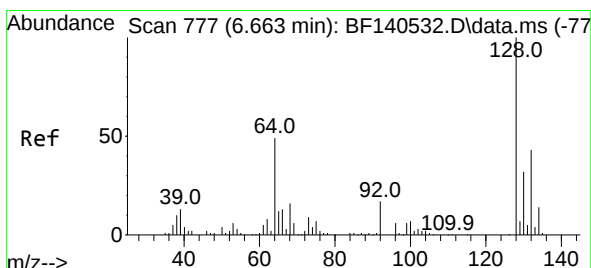
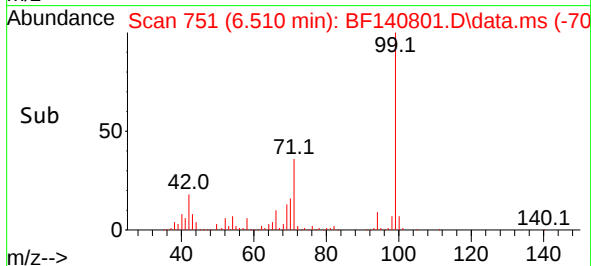
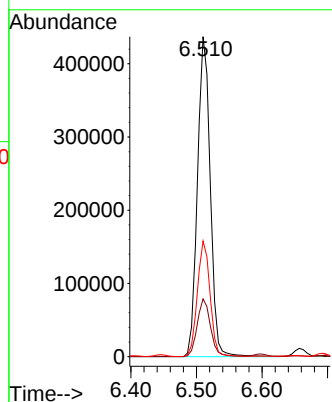
Tgt Ion: 99 Resp: 594334

Ion Ratio Lower Upper

99 100

42 18.1 15.4 23.0

71 36.2 30.6 46.0



#8

2-Chlorophenol

Concen: 51.861 ng

RT: 6.657 min Scan# 776

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

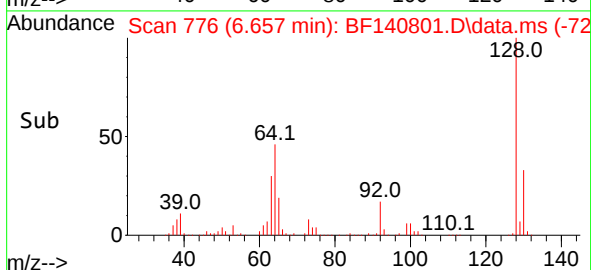
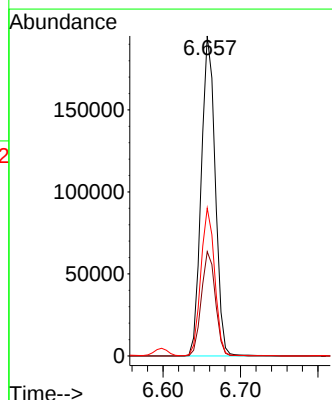
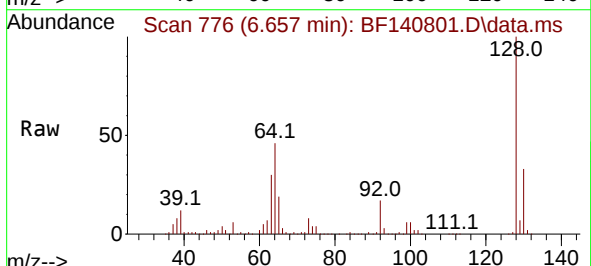
Tgt Ion:128 Resp: 244644

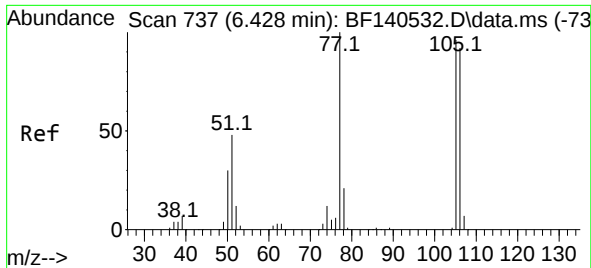
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 46.2 30.2 70.2





#9

Benzaldehyde

Concen: 22.654 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

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ClientSampleId :

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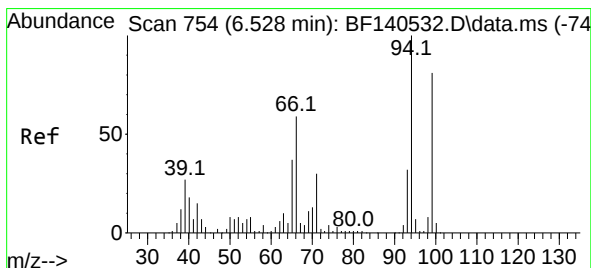
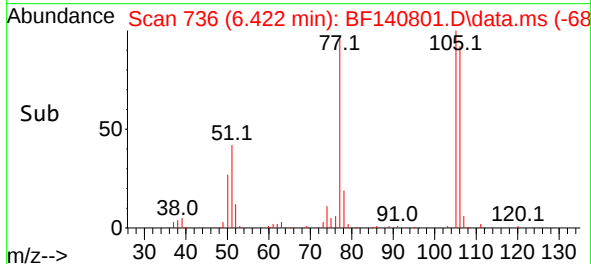
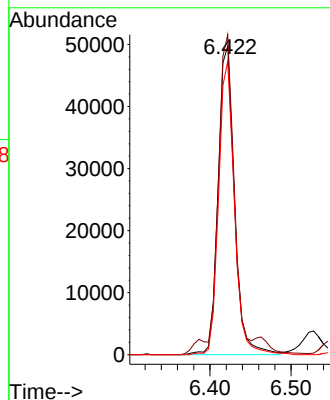
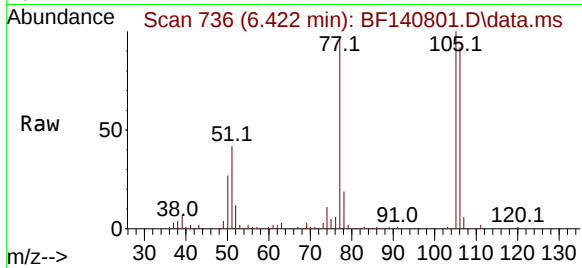
Tgt Ion: 77 Resp: 69517

Ion Ratio Lower Upper

77 100

105 103.7 75.6 115.6

106 95.1 72.0 112.0



#10

Phenol

Concen: 52.700 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

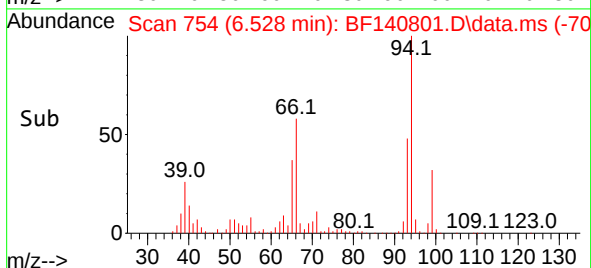
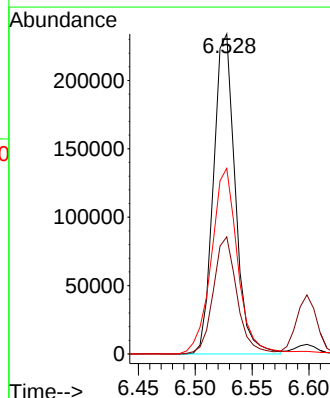
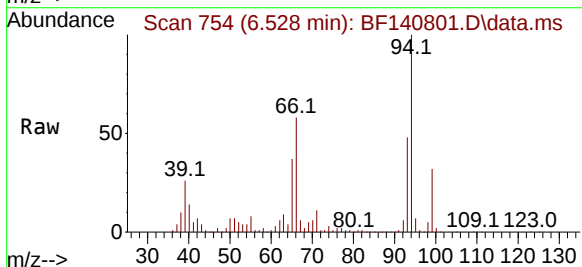
Tgt Ion: 94 Resp: 311978

Ion Ratio Lower Upper

94 100

65 36.6 17.2 57.2

66 58.0 39.2 79.2

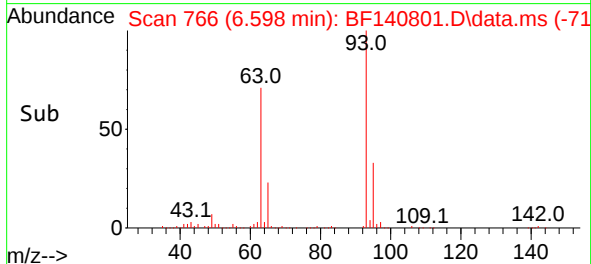
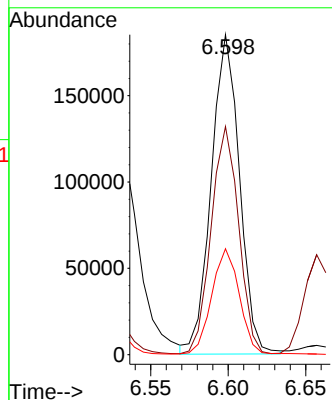
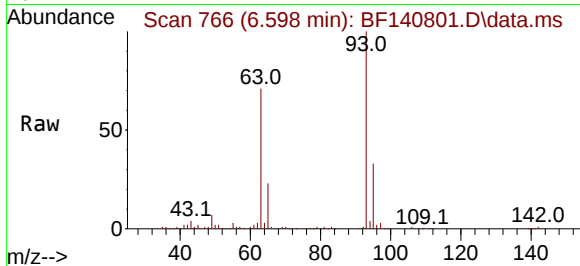




#11
bis(2-Chloroethyl)ether
Concen: 51.725 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

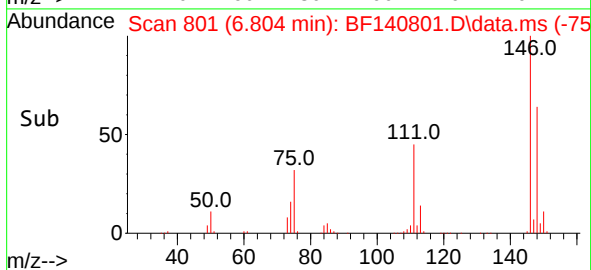
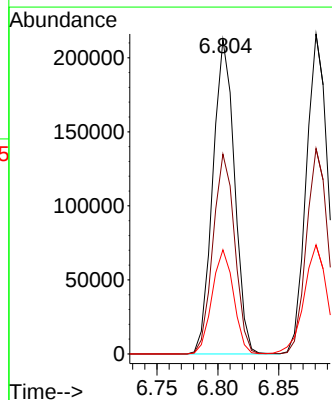
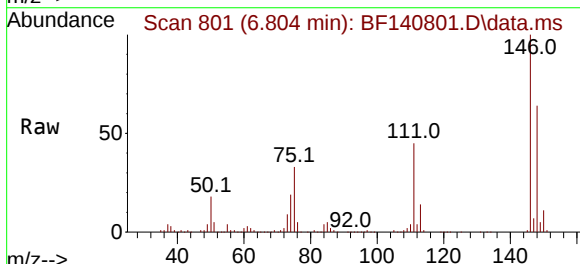
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion: 93 Resp: 234316
Ion Ratio Lower Upper
93 100
63 71.3 52.8 92.8
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 49.608 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:146 Resp: 262947
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 33.2 28.2 42.2

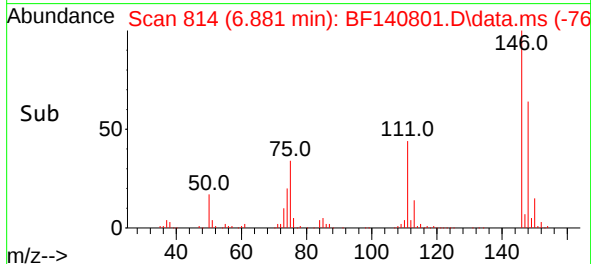
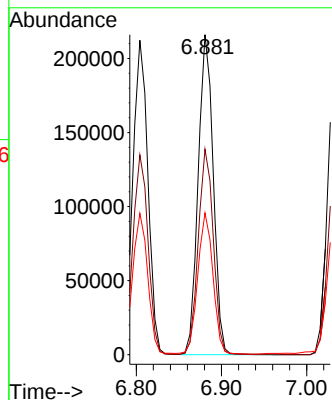
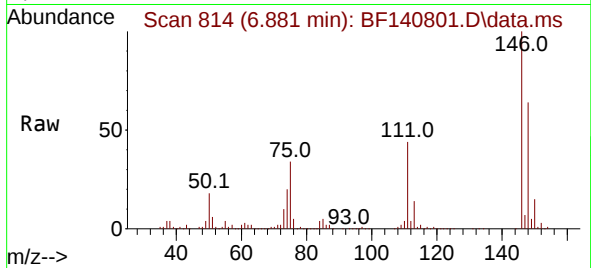




#13
1,4-Dichlorobenzene
Concen: 49.562 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

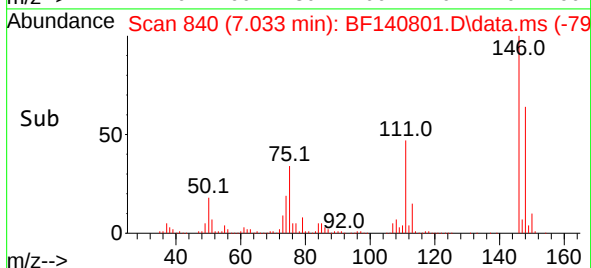
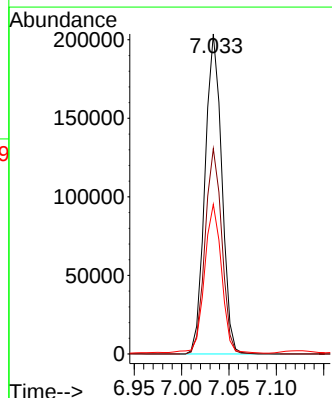
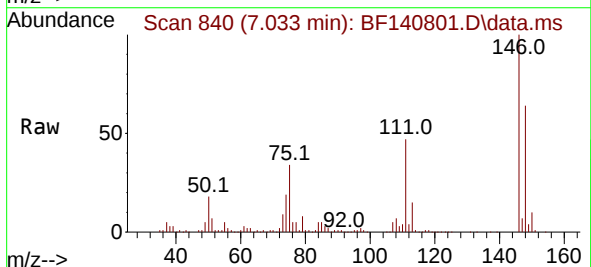
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion:146 Resp: 265998
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.6
111 44.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 49.932 ng
RT: 7.033 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:146 Resp: 251112
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
111 46.8 36.7 55.1

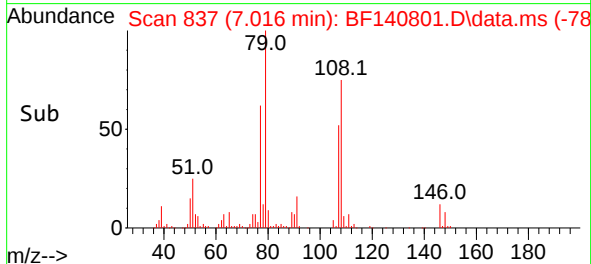
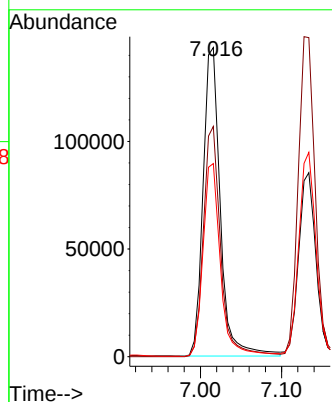
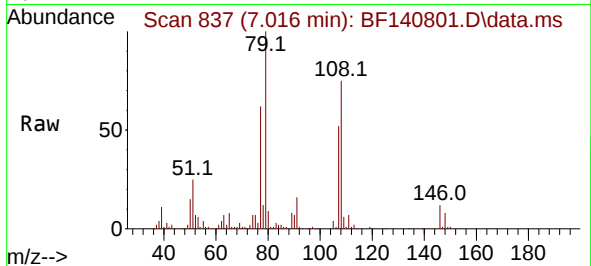




#15
Benzyl Alcohol
Concen: 49.322 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

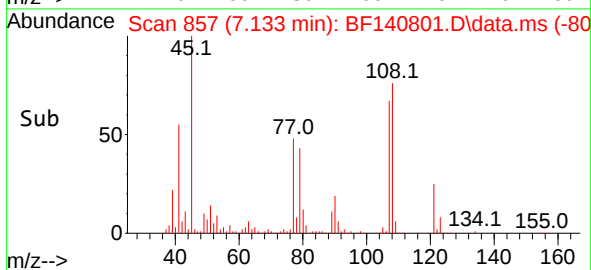
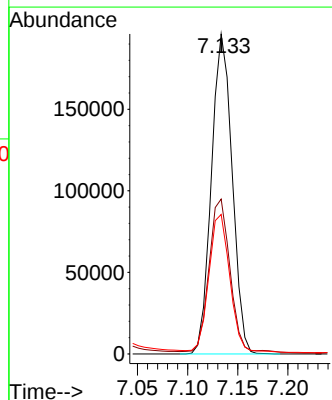
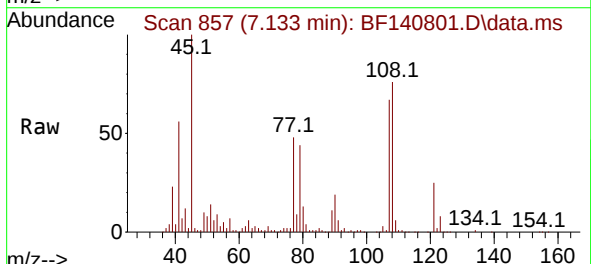
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

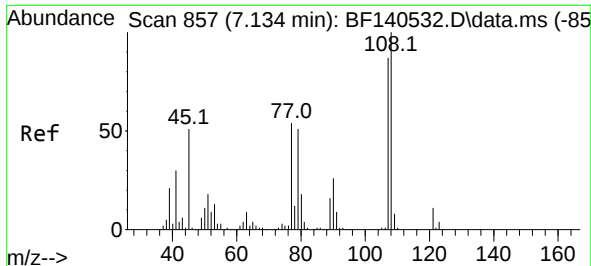
Tgt Ion: 79 Resp: 212025
Ion Ratio Lower Upper
79 100
108 74.5 55.0 82.6
77 62.5 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.760 ng
RT: 7.133 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion: 45 Resp: 282355
Ion Ratio Lower Upper
45 100
77 48.4 10.7 50.7
79 43.6 7.0 47.0

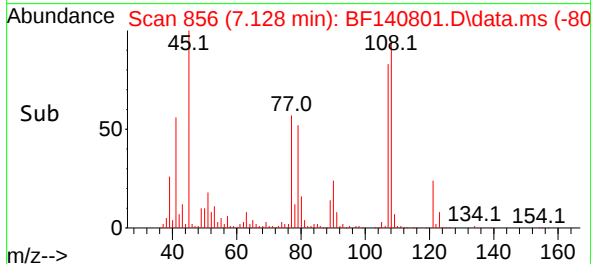
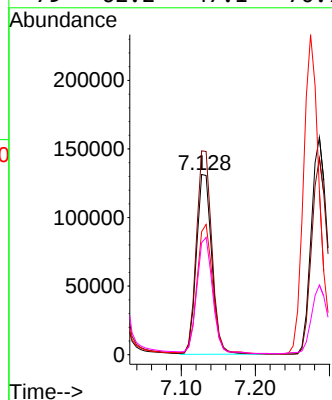
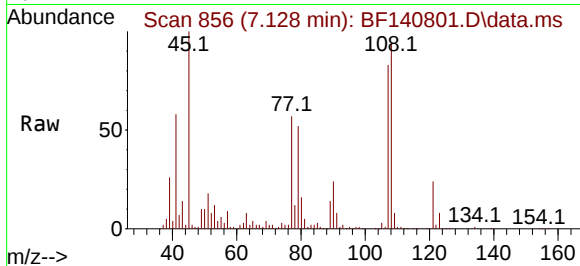




#17
2-Methylphenol
Concen: 50.087 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

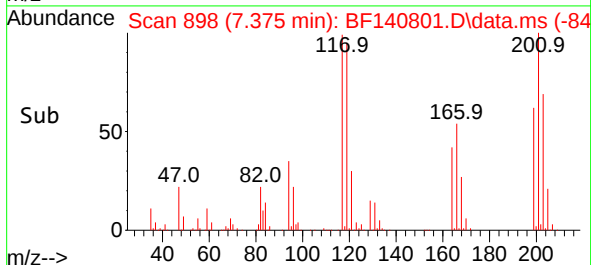
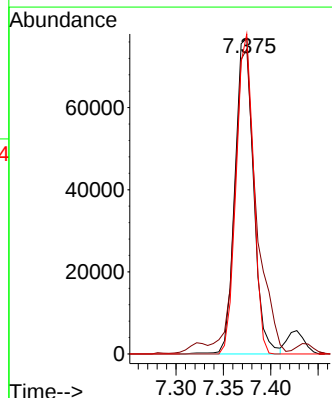
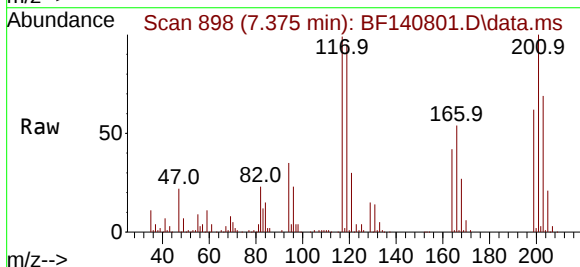
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

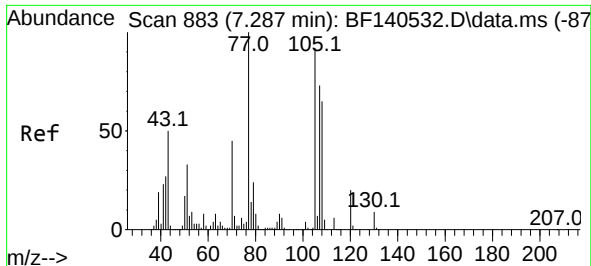
Tgt Ion:107 Resp: 189134
Ion Ratio Lower Upper
107 100
108 113.2 91.7 137.5
77 68.3 49.3 73.9
79 62.2 47.1 70.7



#18
Hexachloroethane
Concen: 52.460 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:117 Resp: 105156
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7
201 101.4 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 51.143 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140801.D

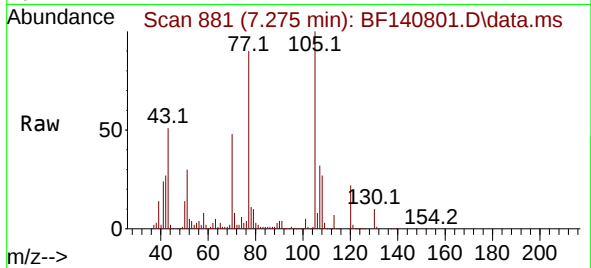
Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD



Tgt Ion: 70 Resp: 175205

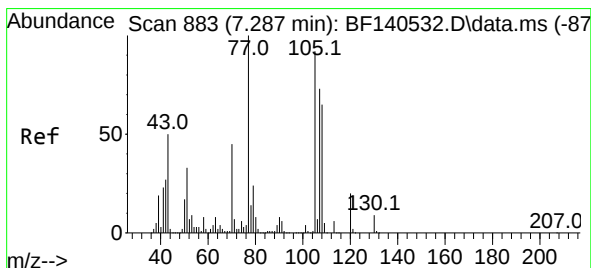
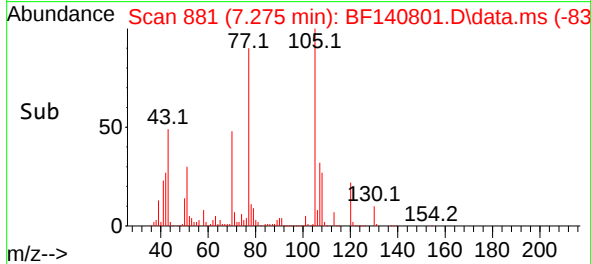
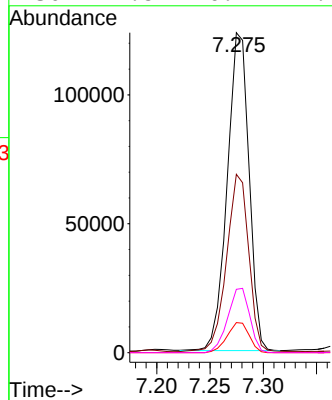
Ion Ratio Lower Upper

70 100

42 55.7 47.6 71.4

101 9.4 7.6 11.4

130 19.8 16.2 24.4



#20

3+4-Methylphenols

Concen: 51.118 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Tgt Ion: 107 Resp: 248109

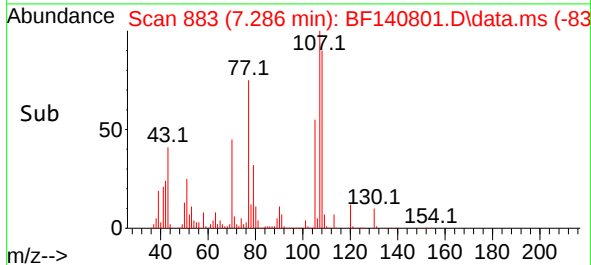
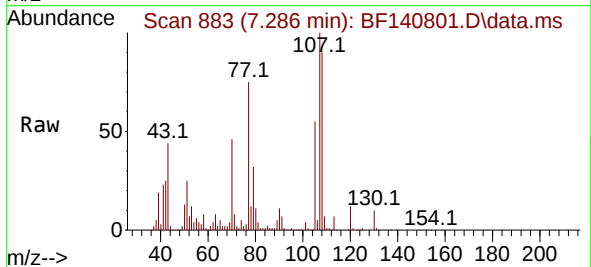
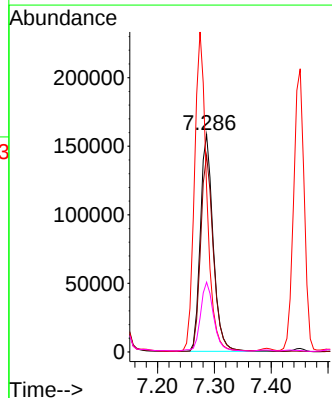
Ion Ratio Lower Upper

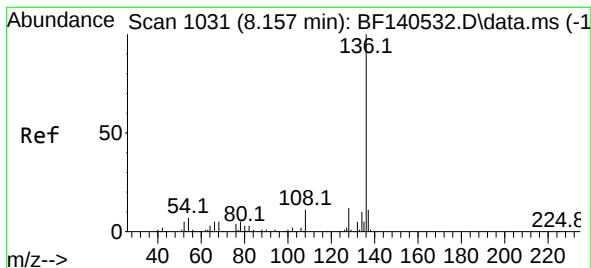
107 100

108 90.5 69.9 109.9

77 75.3 117.7 157.7#

79 32.1 13.4 53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1031

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

Tgt Ion:136 Resp: 269947

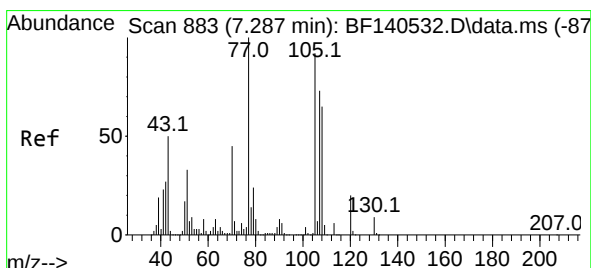
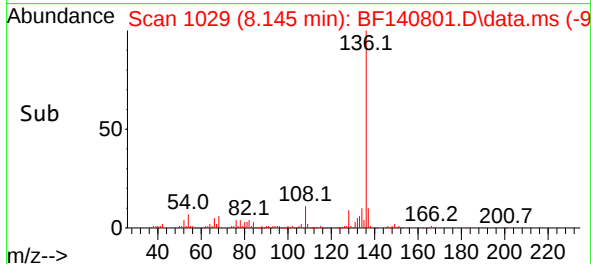
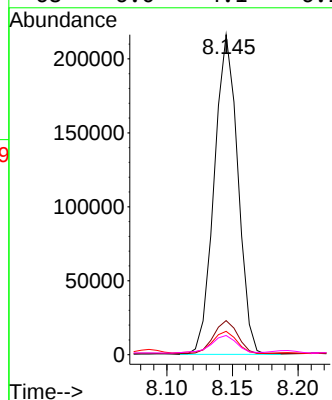
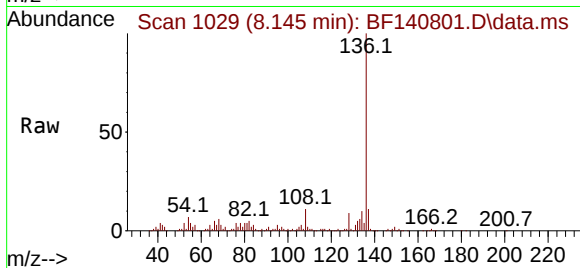
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.3 5.8 8.8

68 6.0 4.1 6.1



#22

Acetophenone

Concen: 51.809 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Tgt Ion:105 Resp: 340963

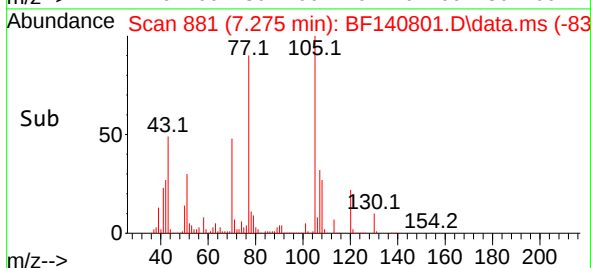
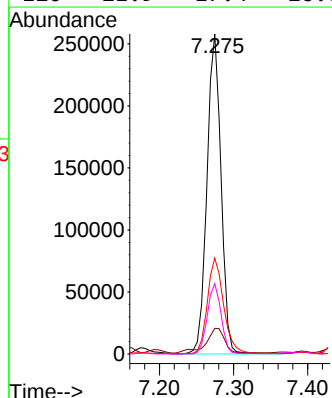
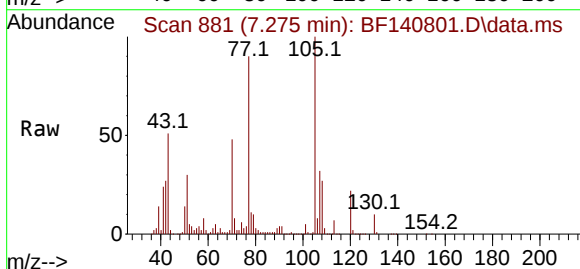
Ion Ratio Lower Upper

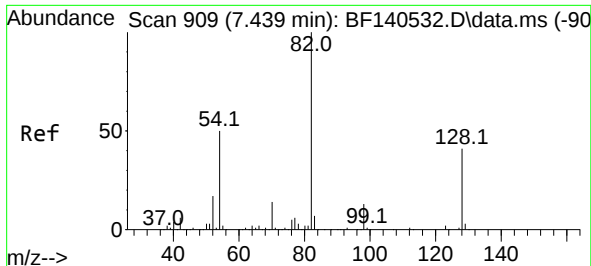
105 100

71 8.0 6.2 9.2

51 30.0 29.0 43.6

120 21.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 74.263 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

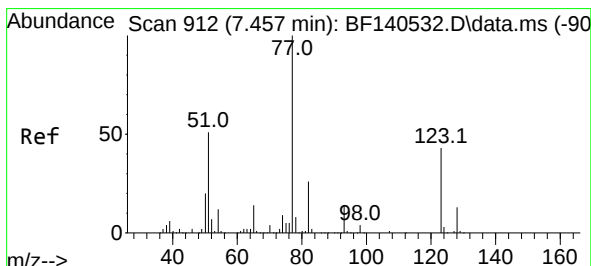
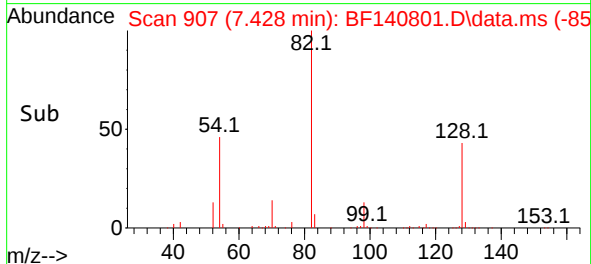
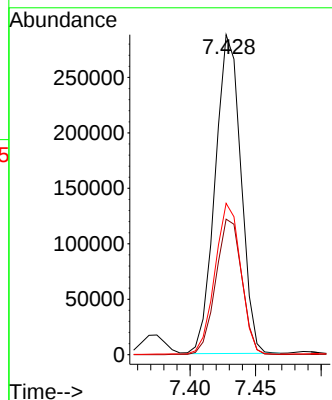
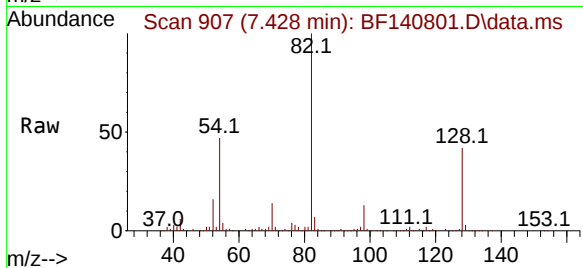
Tgt Ion: 82 Resp: 391924

Ion Ratio Lower Upper

82 100

128 42.4 33.0 49.4

54 47.3 39.5 59.3



#24

Nitrobenzene

Concen: 47.978 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

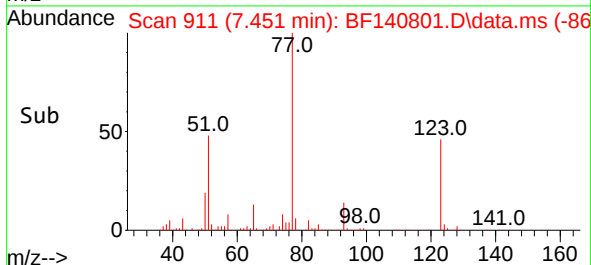
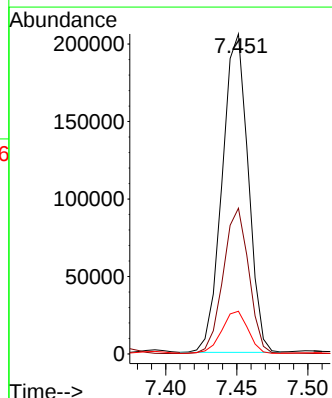
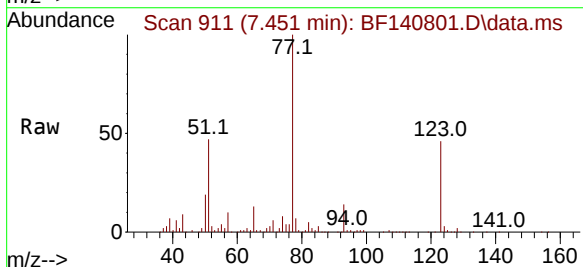
Tgt Ion: 77 Resp: 261697

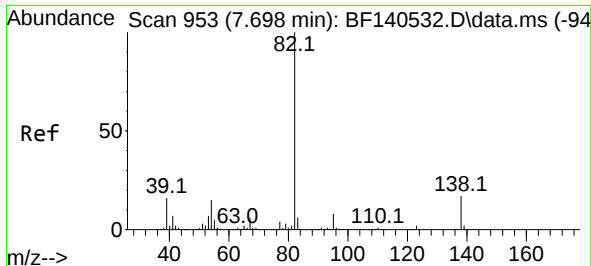
Ion Ratio Lower Upper

77 100

123 45.5 34.3 51.5

65 13.3 11.2 16.8

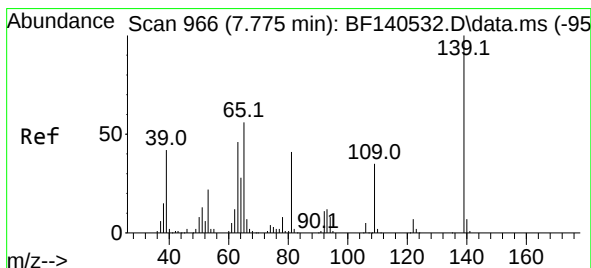
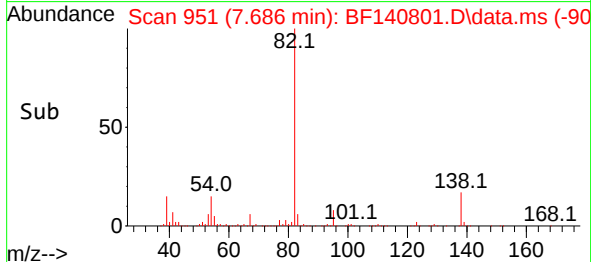
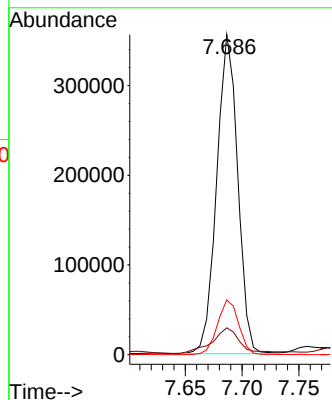
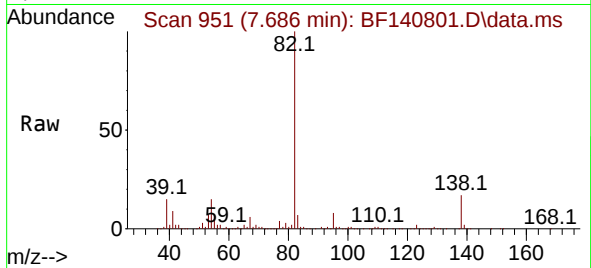




#25
Isophorone
Concen: 52.125 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

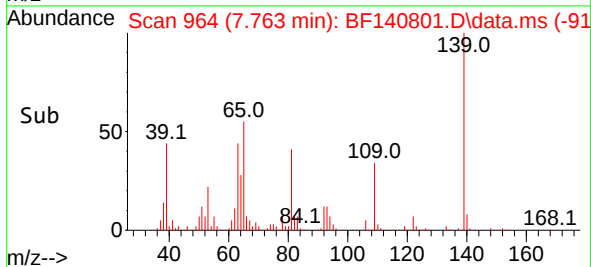
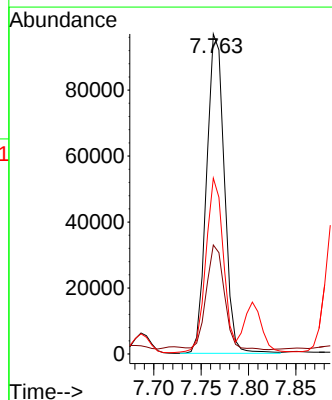
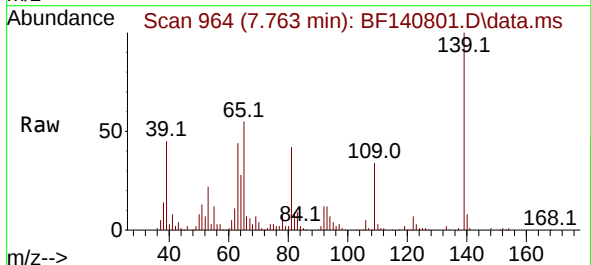
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

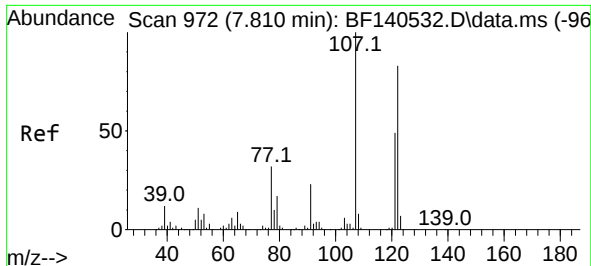
Tgt Ion: 82 Resp: 458829
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 17.1 13.8 20.6



#26
2-Nitrophenol
Concen: 52.250 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:139 Resp: 126297
Ion Ratio Lower Upper
139 100
109 34.0 28.0 42.0
65 55.0 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 62.148 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

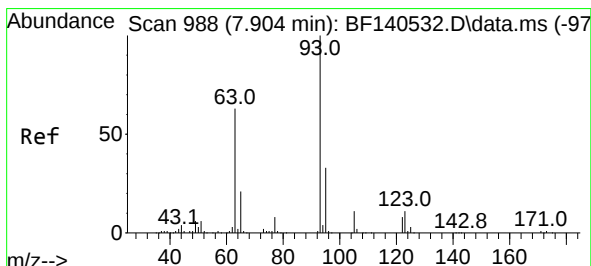
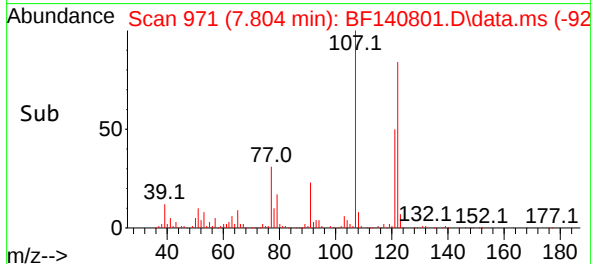
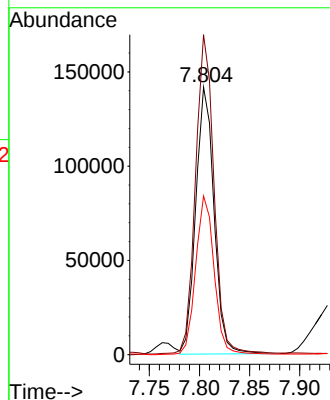
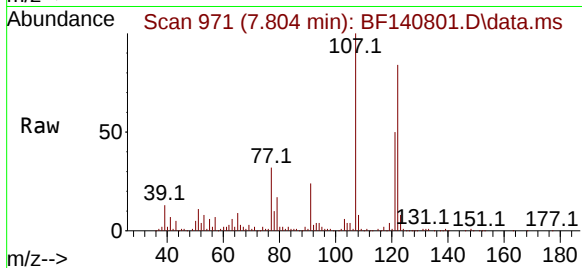
Tgt Ion:122 Resp: 179740

Ion Ratio Lower Upper

122 100

107 119.6 96.8 145.2

121 59.4 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 51.745 ng

RT: 7.892 min Scan# 986

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

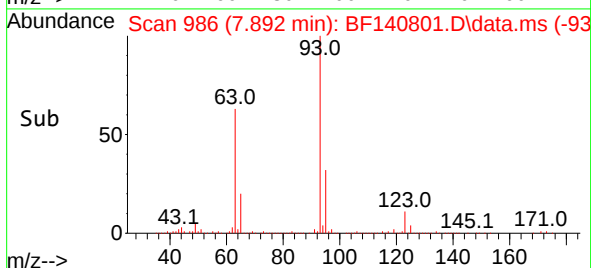
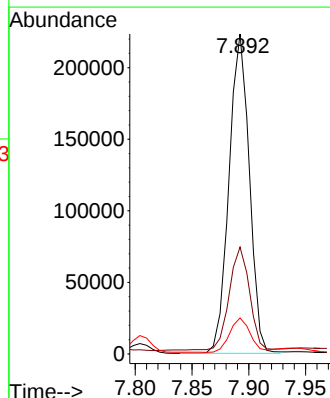
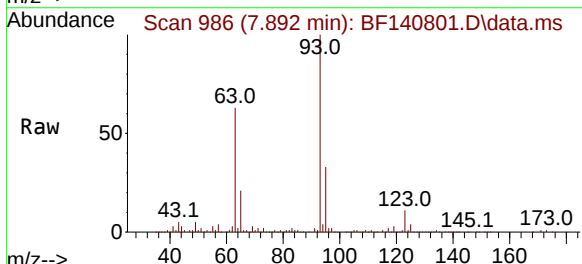
Tgt Ion: 93 Resp: 277484

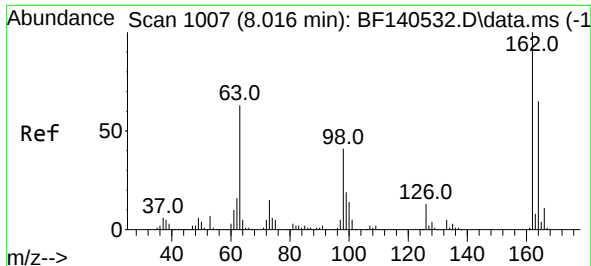
Ion Ratio Lower Upper

93 100

95 33.4 26.1 39.1

123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.035 ng

RT: 8.016 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF140801.D

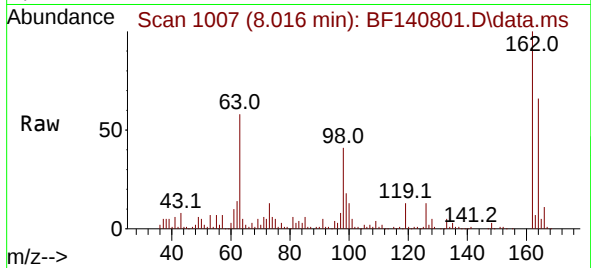
Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD



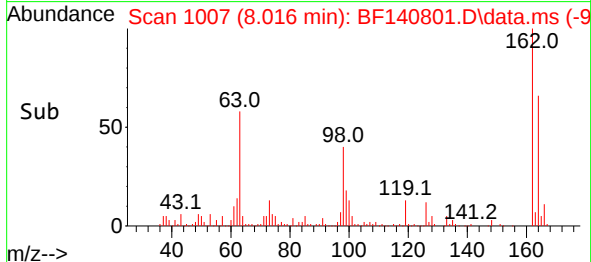
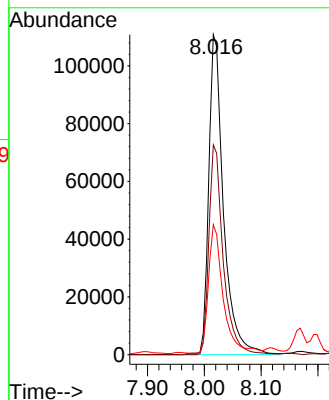
Tgt Ion:162 Resp: 199410

Ion Ratio Lower Upper

162 100

164 65.5 44.8 84.8

98 40.6 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 48.920 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

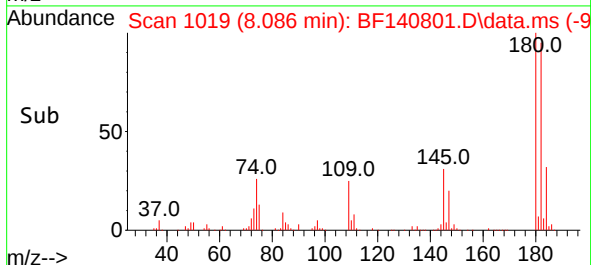
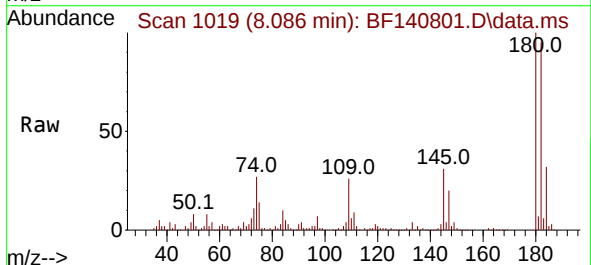
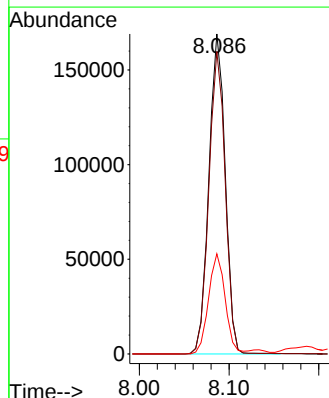
Tgt Ion:180 Resp: 214054

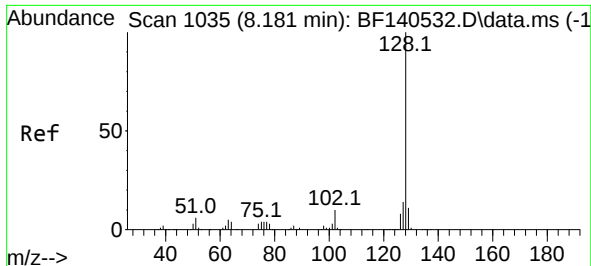
Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

145 31.3 25.9 38.9

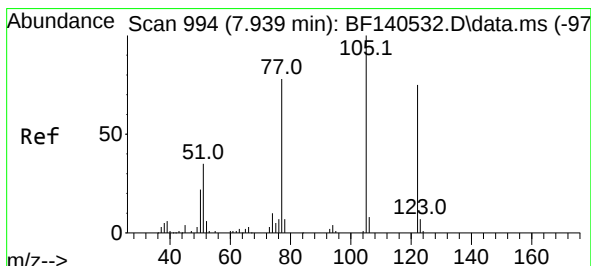
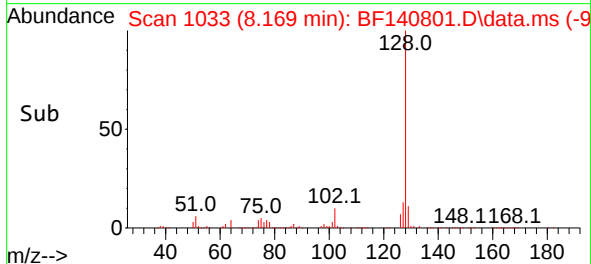
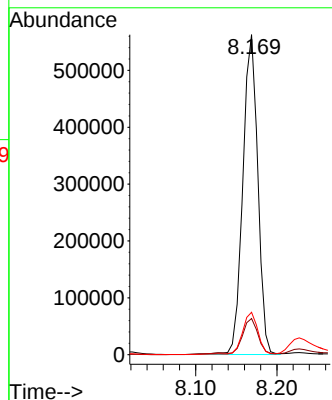
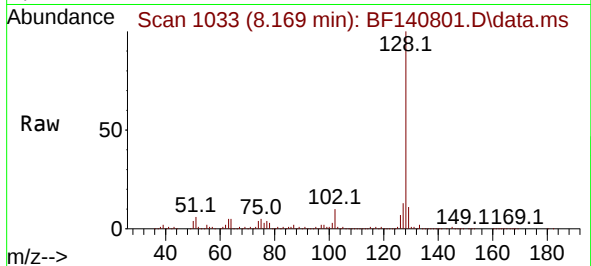




#31
Naphthalene
Concen: 51.781 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

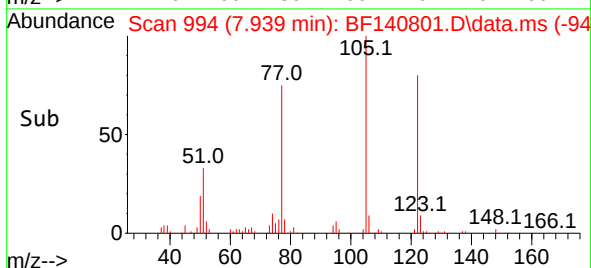
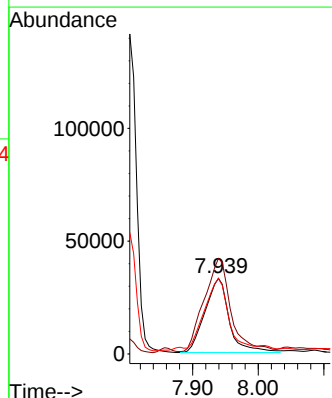
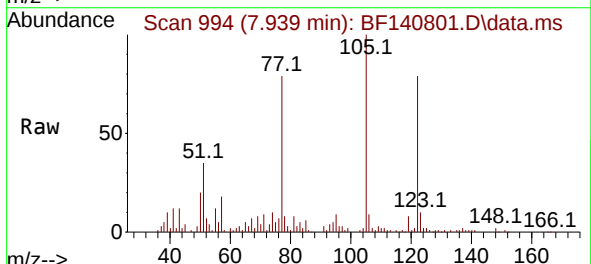
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

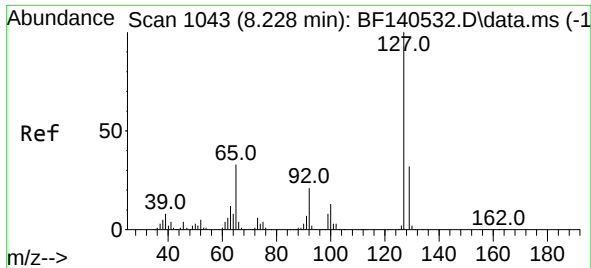
Tgt Ion:128 Resp: 719998
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 35.786 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:122 Resp: 84646
Ion Ratio Lower Upper
122 100
105 126.3 109.3 149.3
77 99.6 82.3 122.3

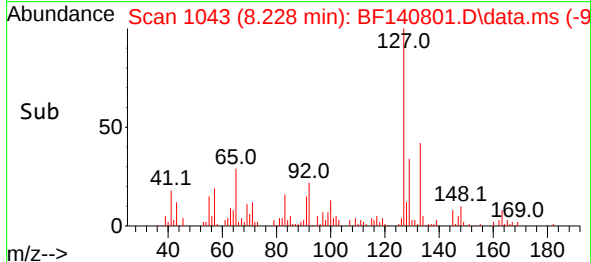
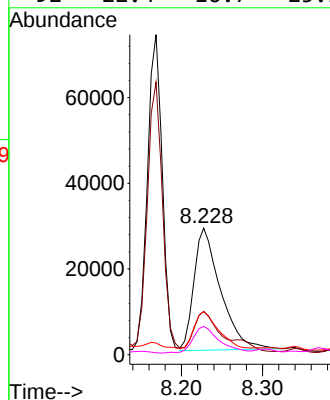
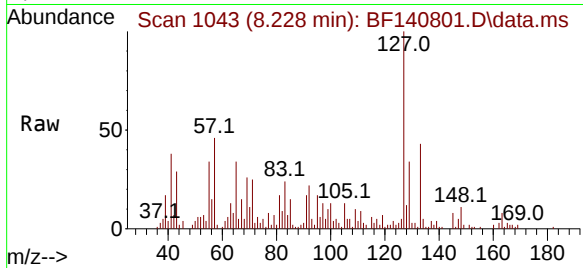




#33
4-Chloroaniline
Concen: 15.557 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

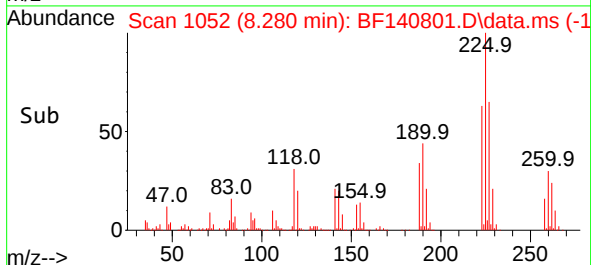
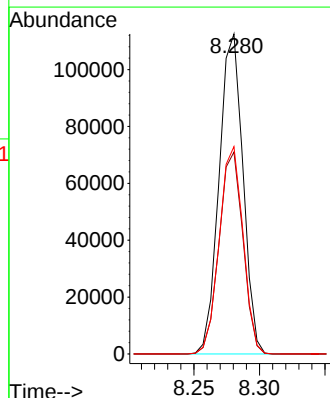
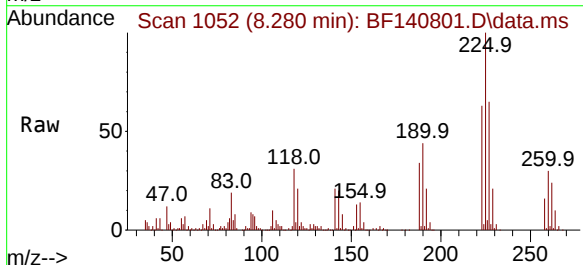
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

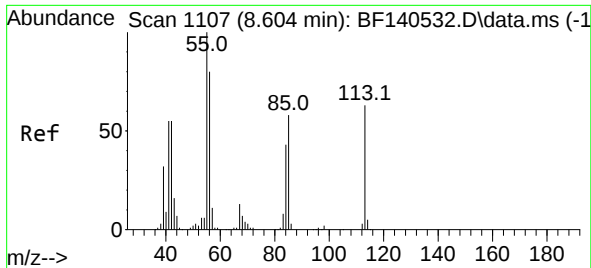
Tgt Ion:127	Resp:	64767
Ion	Ratio	Lower Upper
127	100	
129	34.3	26.0 39.0
65	34.0	26.0 39.0
92	22.4	16.7 25.1



#34
Hexachlorobutadiene
Concen: 49.046 ng
RT: 8.280 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:225	Resp:	142143
Ion	Ratio	Lower Upper
225	100	
223	63.1	49.8 74.8
227	64.8	51.3 76.9

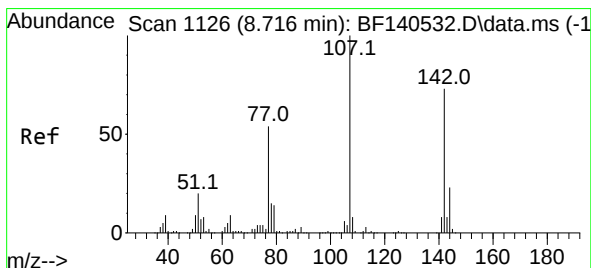
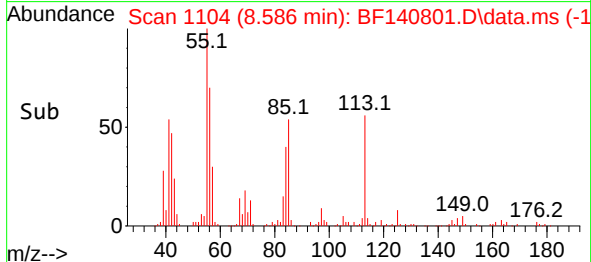
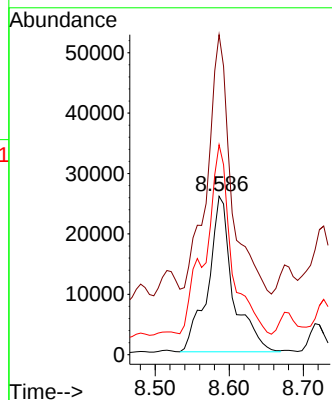
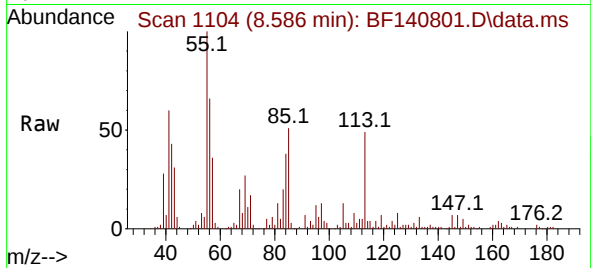




#35
Caprolactam
Concen: 50.851 ng
RT: 8.586 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

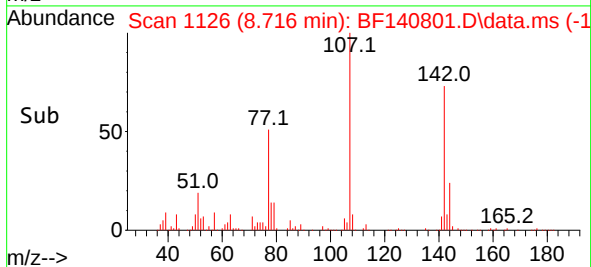
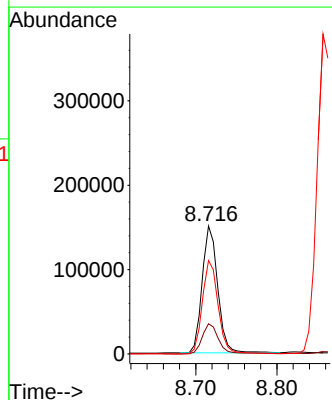
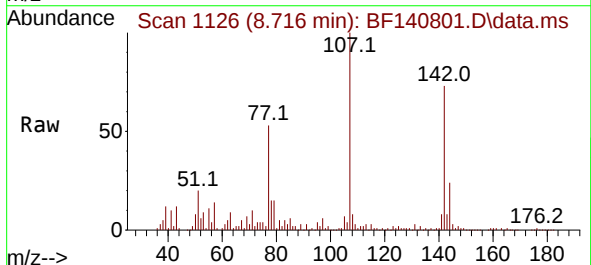
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

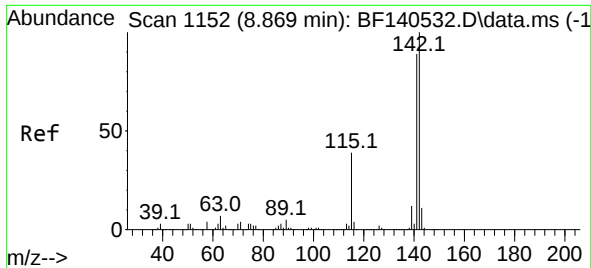
Tgt Ion:113 Resp: 60308
Ion Ratio Lower Upper
113 100
55 202.1 137.7 177.7#
56 132.6 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 46.583 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:107 Resp: 199875
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 73.0 58.3 87.5





#37

2-Methylnaphthalene

Concen: 55.341 ng

RT: 8.857 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

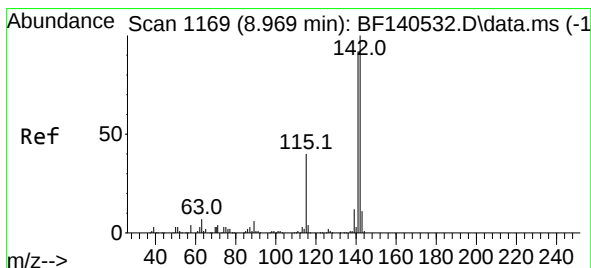
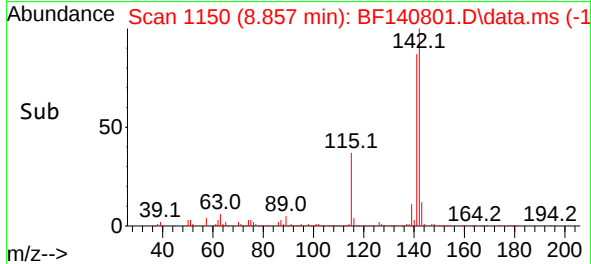
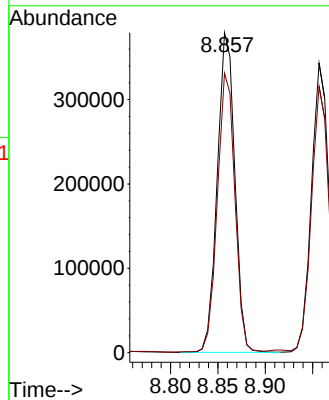
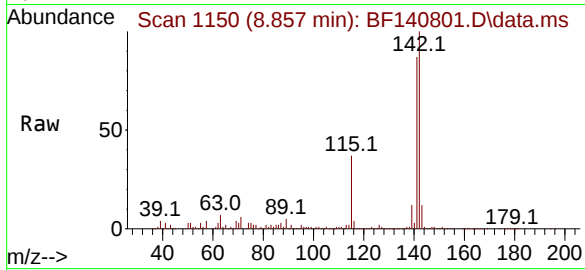
ROLL-OFF-COMPMSD

Tgt Ion:142 Resp: 488756

Ion Ratio Lower Upper

142 100

141 87.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 50.366 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140801.D

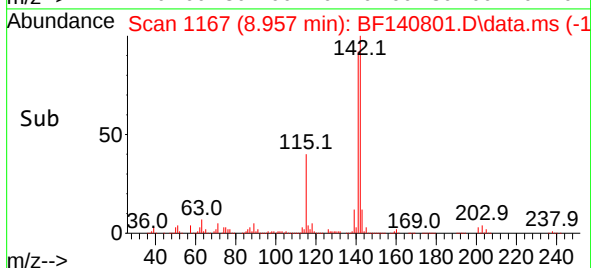
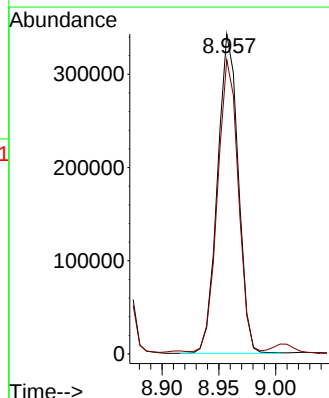
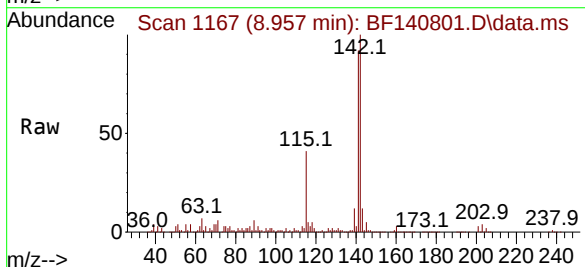
Acq: 10 Dec 2024 12:47

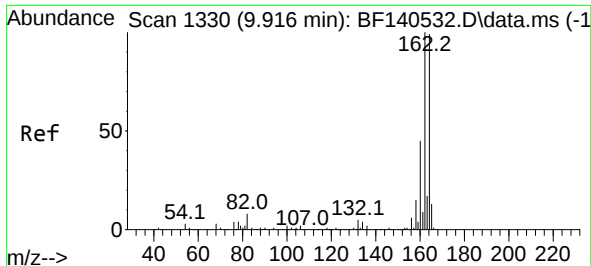
Tgt Ion:142 Resp: 436010

Ion Ratio Lower Upper

142 100

141 92.0 73.3 109.9

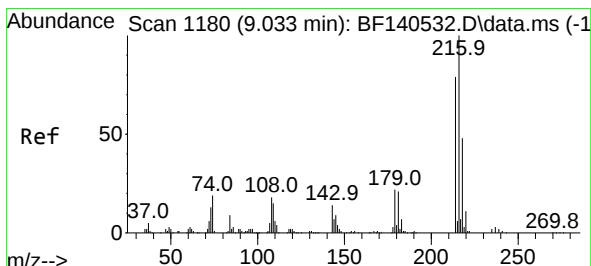
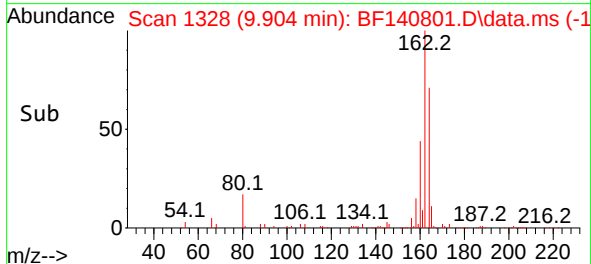
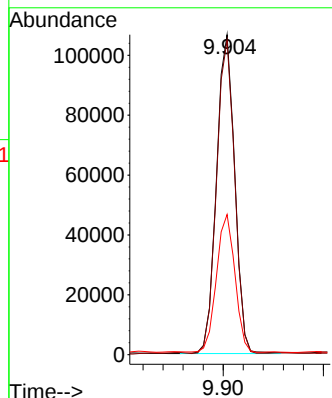
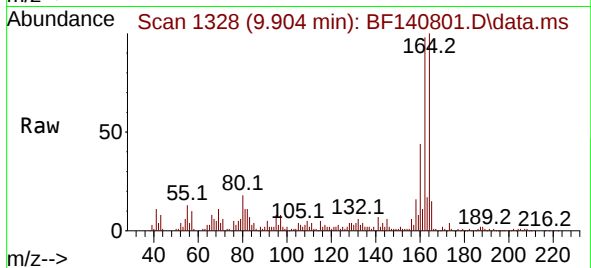




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

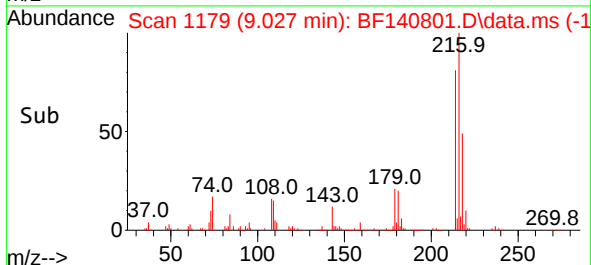
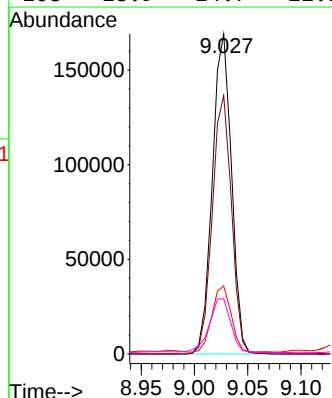
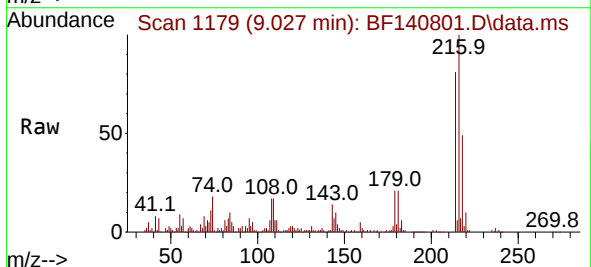
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

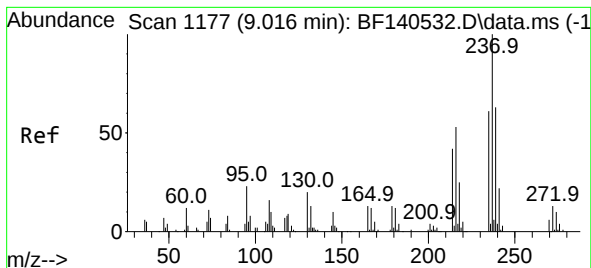
Tgt Ion:164 Resp: 134407
Ion Ratio Lower Upper
164 100
162 98.2 80.6 120.8
160 43.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.587 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:216 Resp: 210852
Ion Ratio Lower Upper
216 100
214 80.9 63.0 94.4
179 20.7 17.5 26.3
108 18.9 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 115.096 ng

RT: 9.010 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

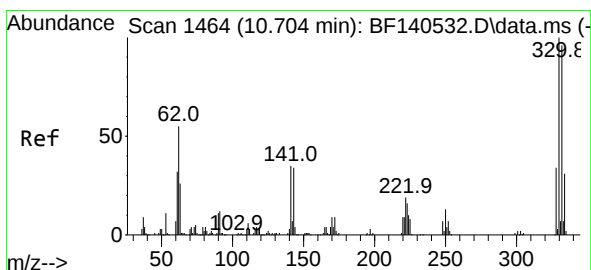
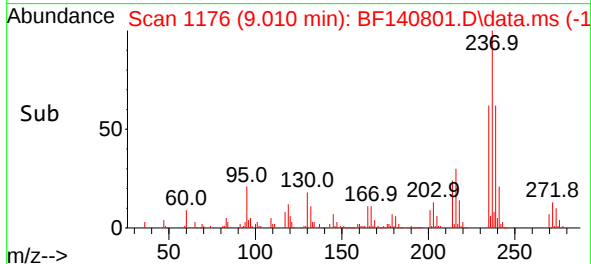
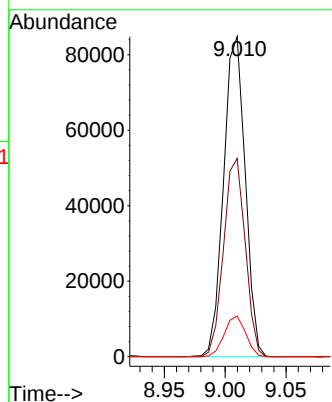
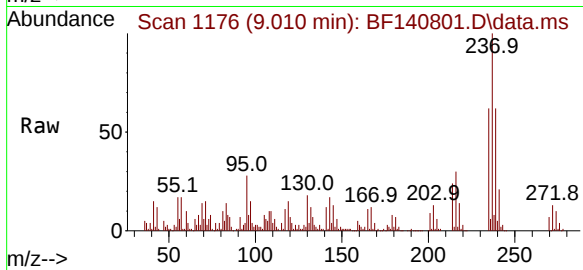
Tgt Ion:237 Resp: 104909

Ion Ratio Lower Upper

237 100

235 61.9 41.1 81.1

272 12.7 0.0 32.6



#42

2,4,6-Tribromophenol

Concen: 79.186 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

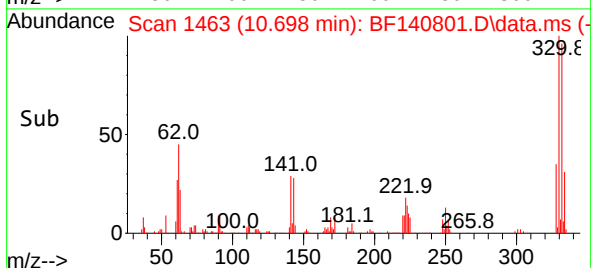
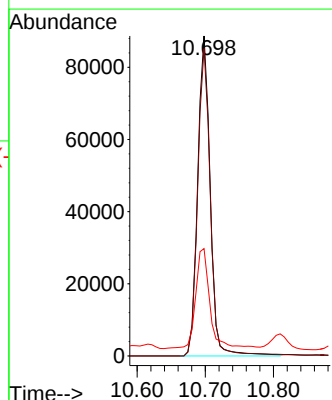
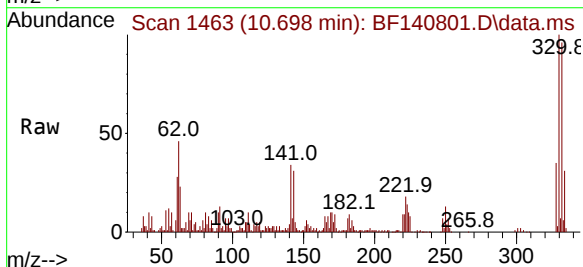
Tgt Ion:330 Resp: 113829

Ion Ratio Lower Upper

330 100

332 97.3 76.9 115.3

141 35.5 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 50.117 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

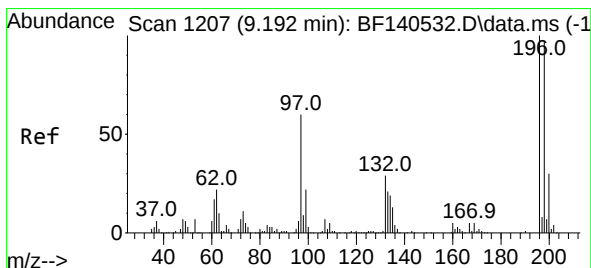
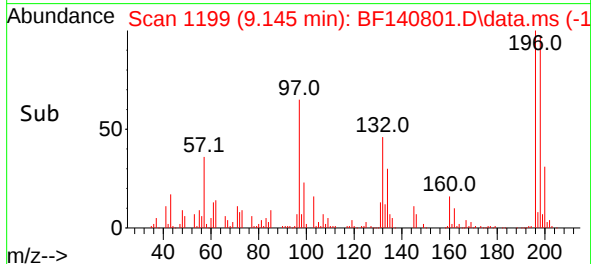
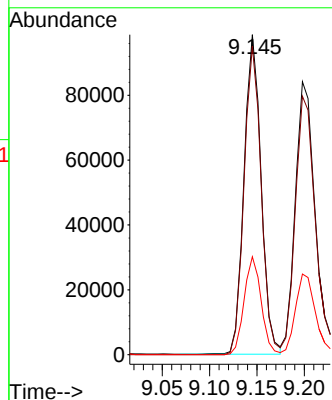
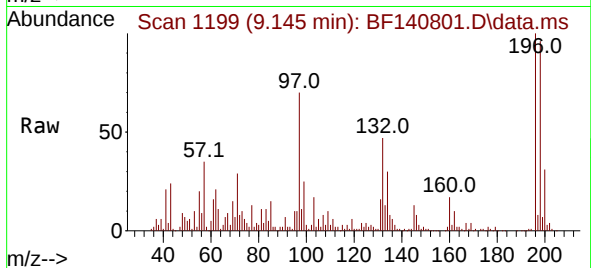
Tgt Ion:196 Resp: 123739

Ion Ratio Lower Upper

196 100

198 96.4 76.8 115.2

200 30.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 46.260 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Tgt Ion:196 Resp: 123959

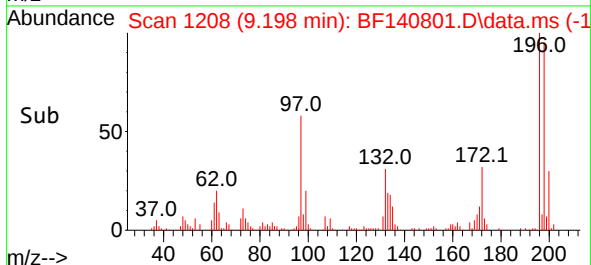
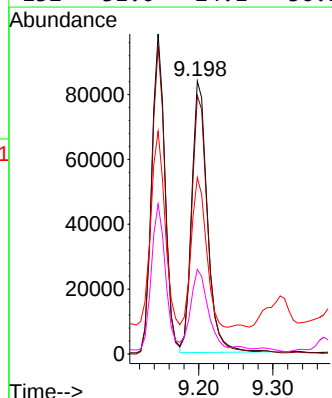
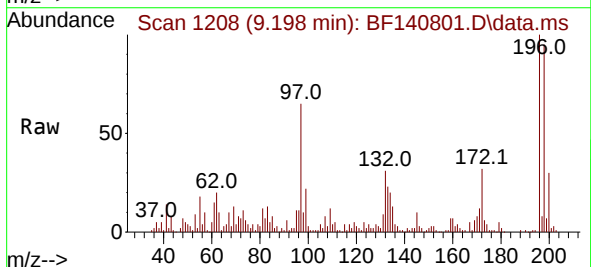
Ion Ratio Lower Upper

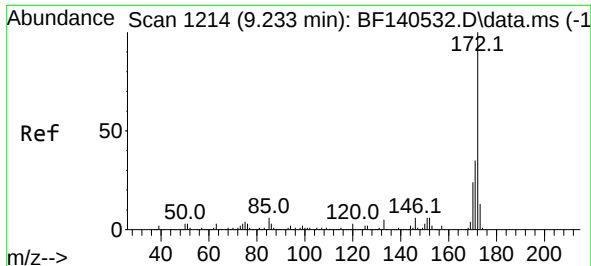
196 100

198 94.7 77.2 115.8

97 64.7 47.1 70.7

132 31.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 72.609 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

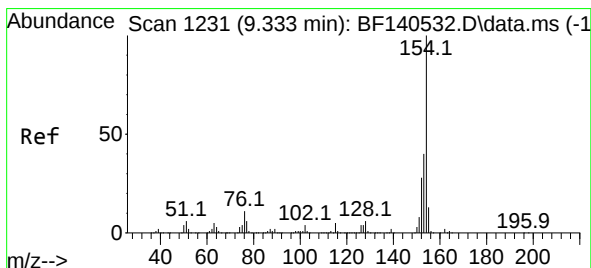
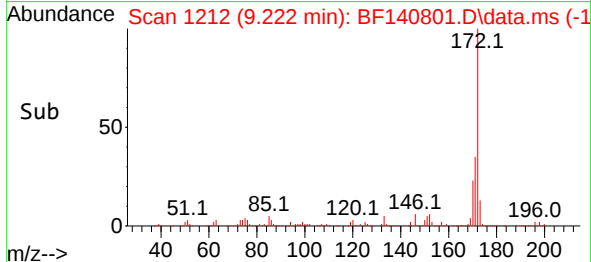
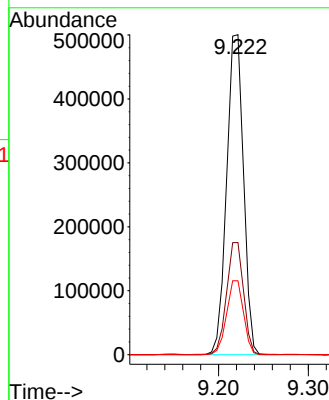
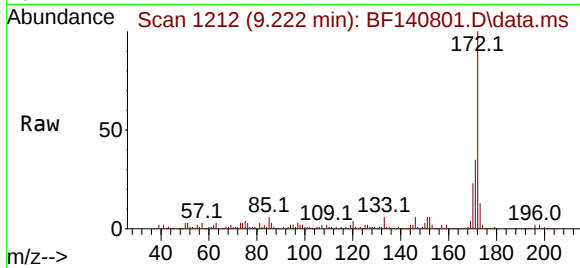
Tgt Ion:172 Resp: 655001

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 54.822 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

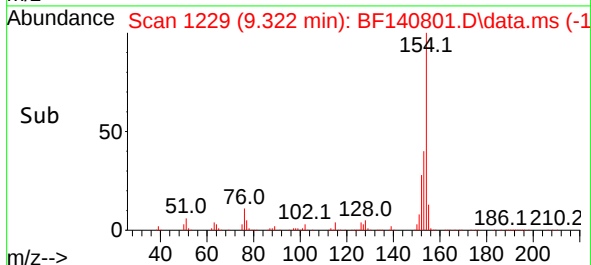
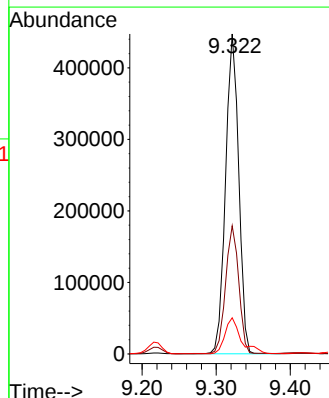
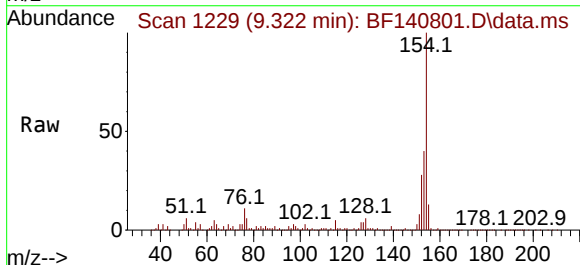
Tgt Ion:154 Resp: 550140

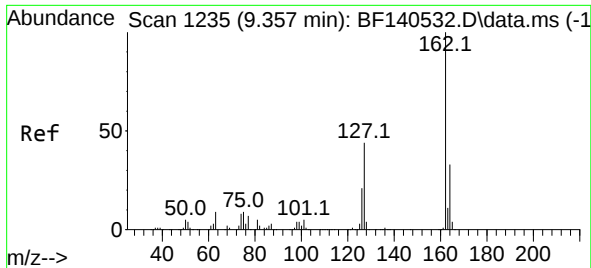
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 11.3 0.0 31.2

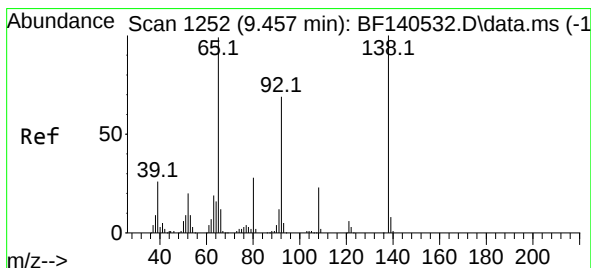
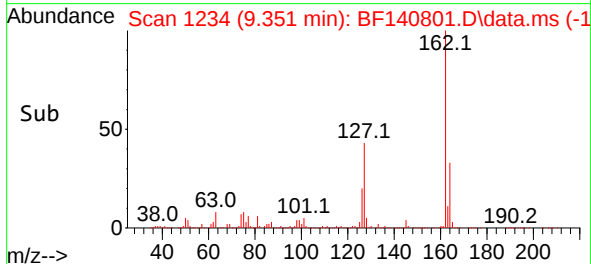
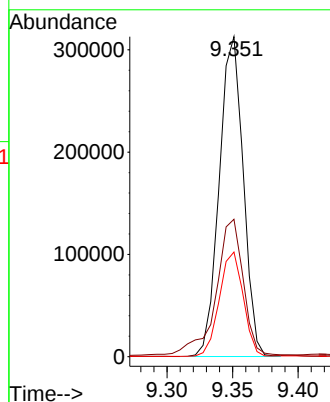
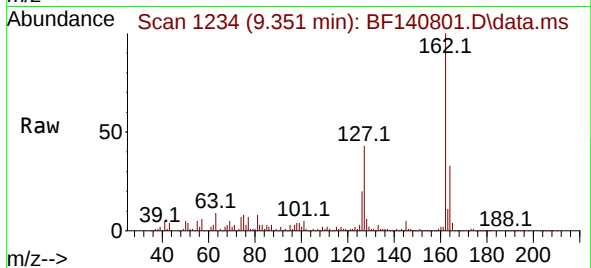




#47
2-Chloronaphthalene
Concen: 52.290 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

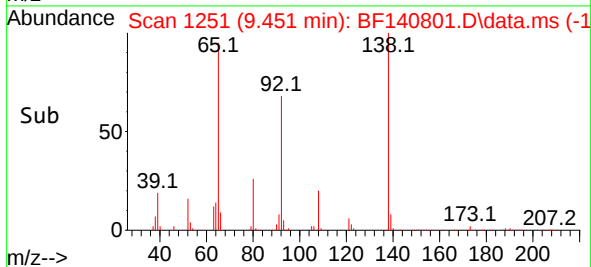
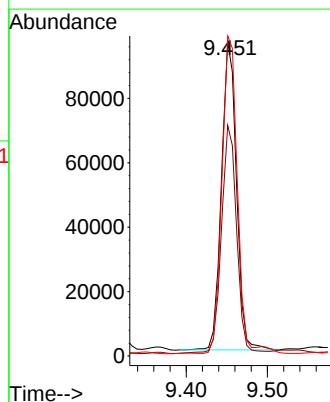
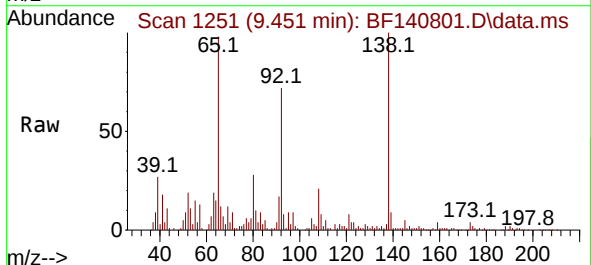
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

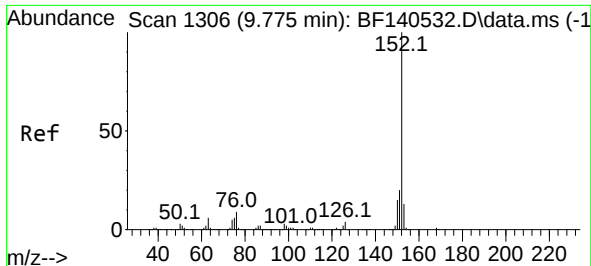
Tgt Ion:162 Resp: 397598
Ion Ratio Lower Upper
162 100
127 43.0 35.7 53.5
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 50.526 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion: 65 Resp: 123316
Ion Ratio Lower Upper
65 100
92 73.4 56.1 84.1
138 101.8 81.0 121.6





#49

Acenaphthylene

Concen: 54.160 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

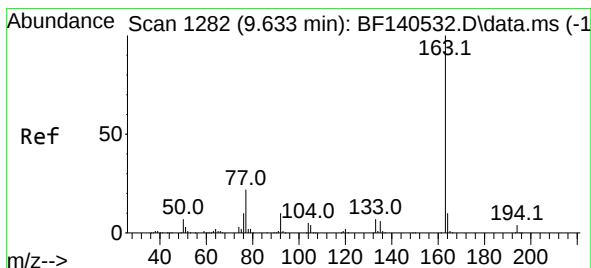
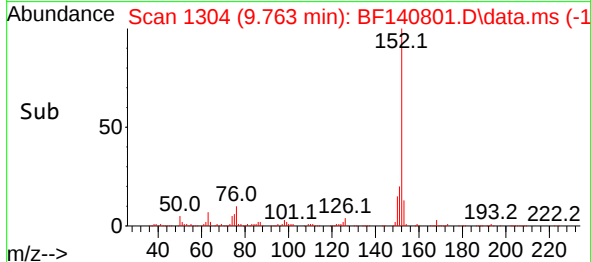
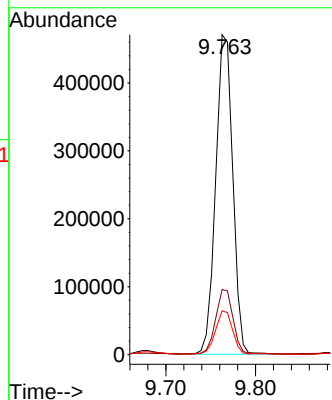
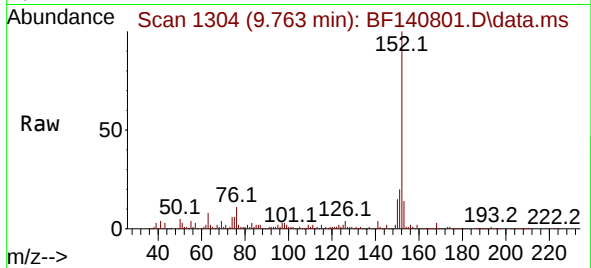
Tgt Ion:152 Resp: 622227

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.7 10.6 16.0



#50

Dimethylphthalate

Concen: 51.765 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

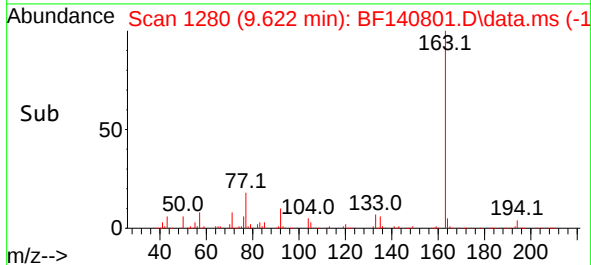
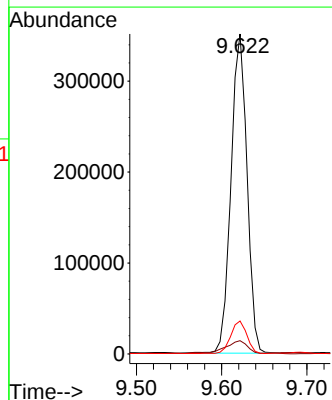
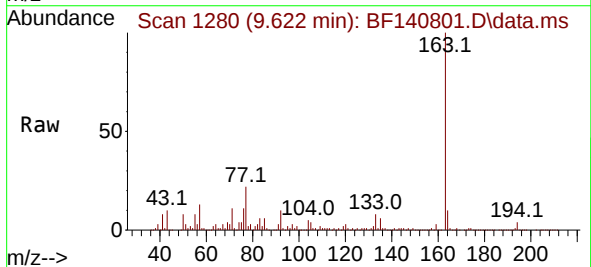
Tgt Ion:163 Resp: 458225

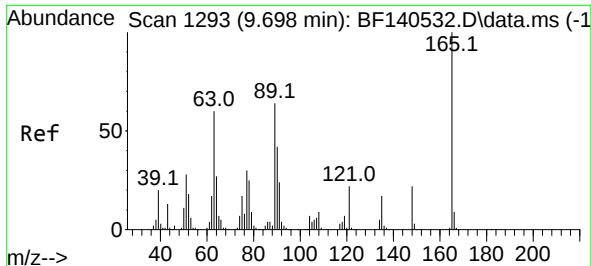
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.296 ng

RT: 9.692 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

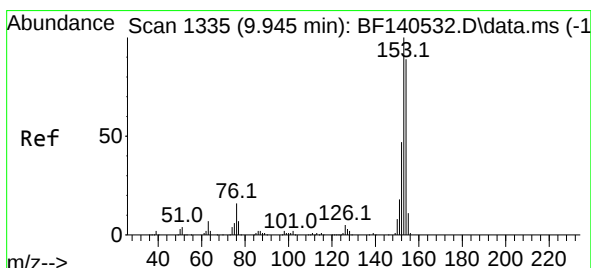
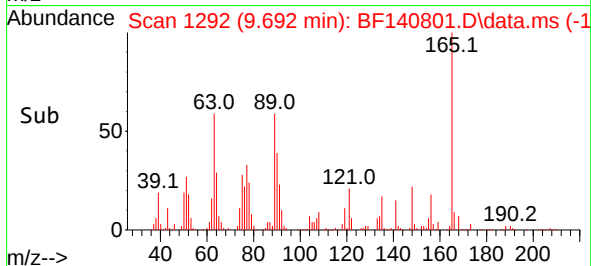
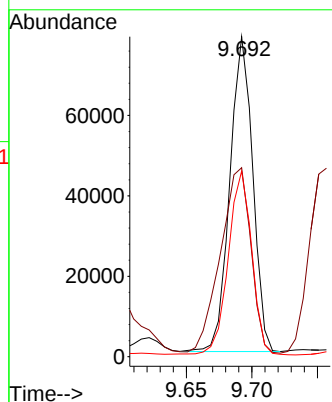
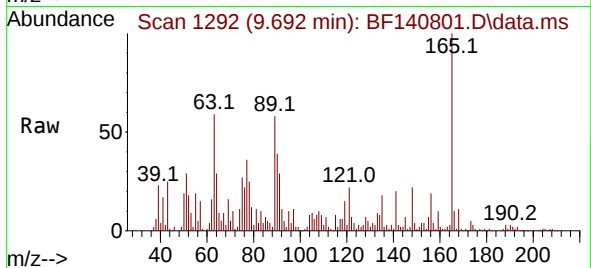
Tgt Ion:165 Resp: 94950

Ion Ratio Lower Upper

165 100

63 59.0 49.9 74.9

89 58.0 50.9 76.3



#52

Acenaphthene

Concen: 51.595 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

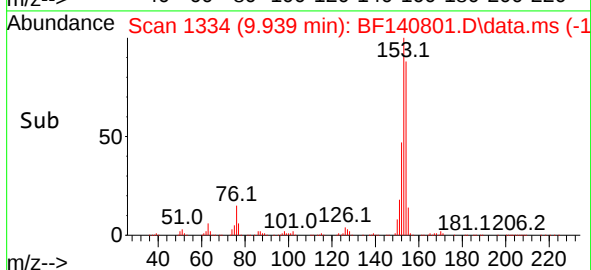
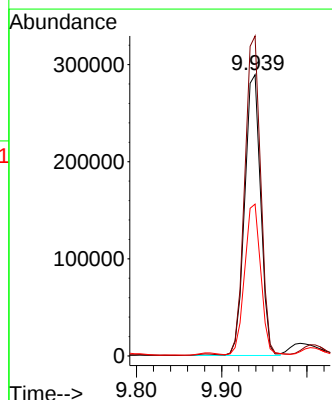
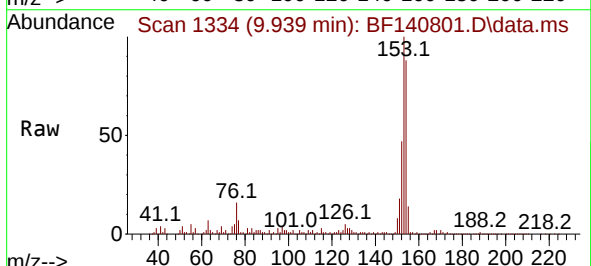
Tgt Ion:154 Resp: 376630

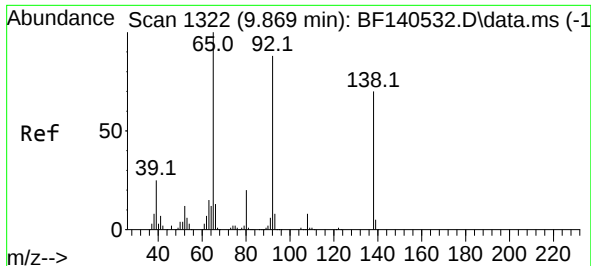
Ion Ratio Lower Upper

154 100

153 113.8 89.7 134.5

152 54.0 42.5 63.7

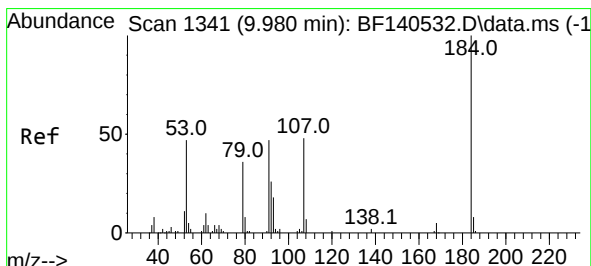
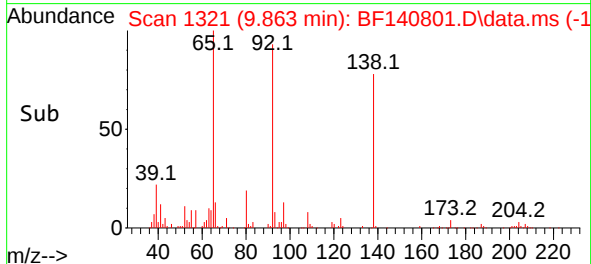
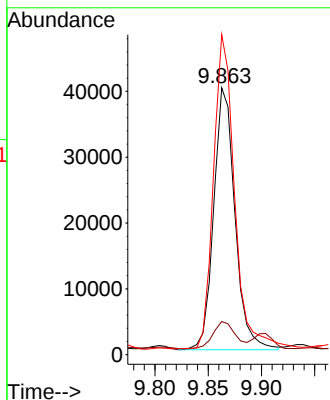
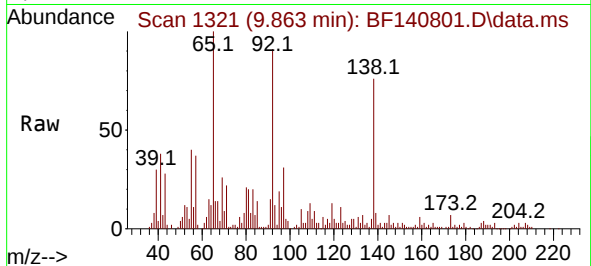




#53
3-Nitroaniline
Concen: 28.111 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

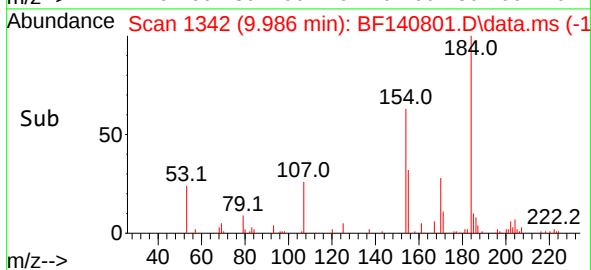
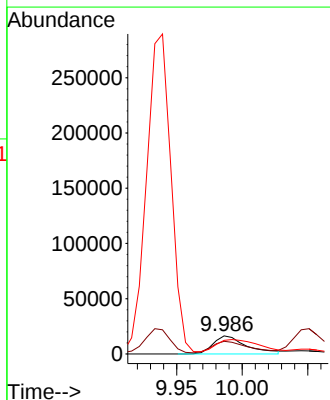
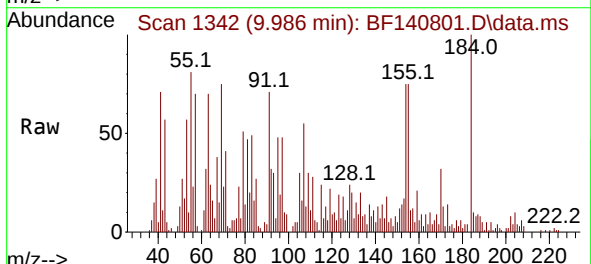
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

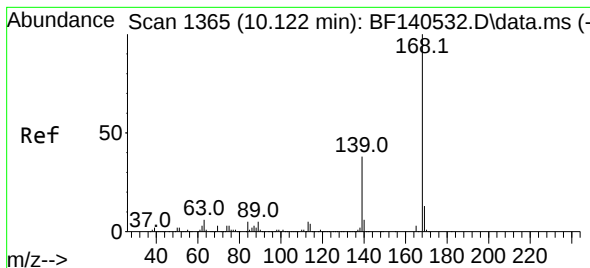
Tgt Ion:138 Resp: 55196
Ion Ratio Lower Upper
138 100
108 12.4 9.2 13.8
92 119.9 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 32.669 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:184 Resp: 28633
Ion Ratio Lower Upper
184 100
63 69.7 54.1 81.1
154 74.7 57.4 86.0

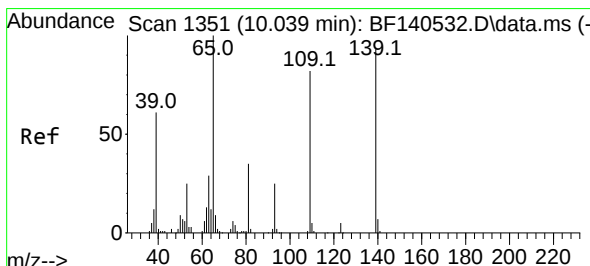
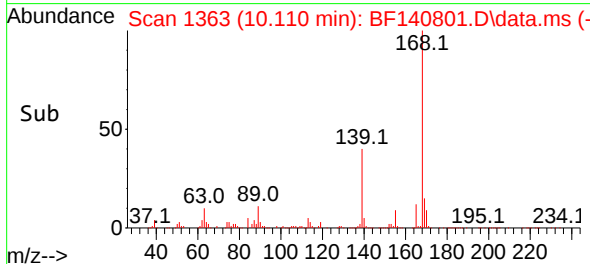
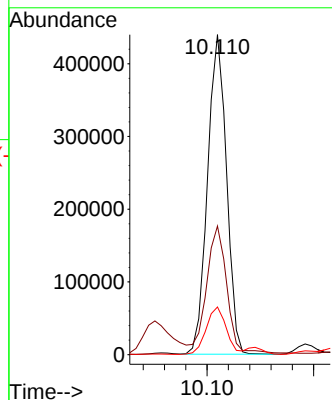
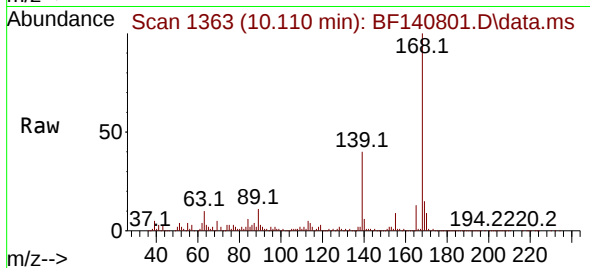




#55
Dibenzenofuran
Concen: 48.810 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

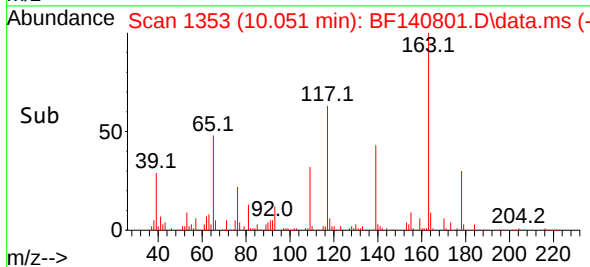
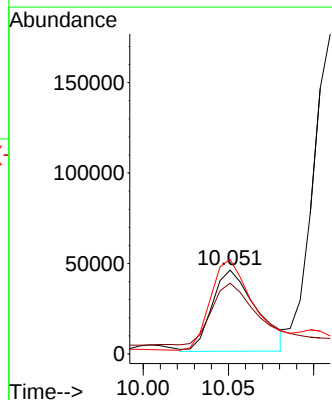
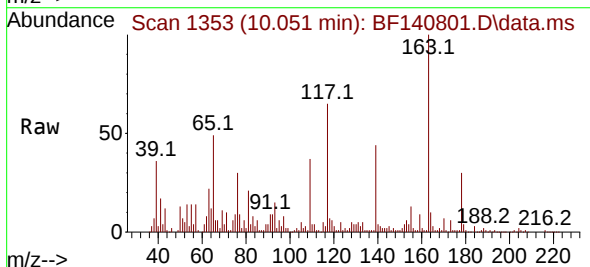
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

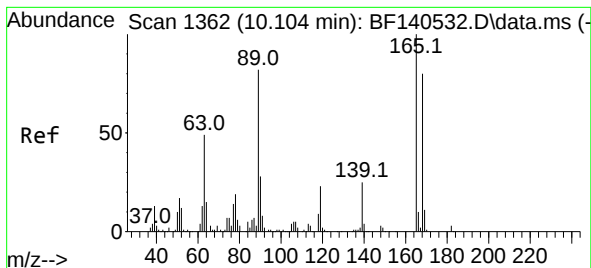
Tgt Ion:168 Resp: 543472
Ion Ratio Lower Upper
168 100
139 40.2 31.3 46.9
169 14.9 10.5 15.7



#56
4-Nitrophenol
Concen: 60.307 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:139 Resp: 80758
Ion Ratio Lower Upper
139 100
109 84.3 68.4 108.4
65 112.8 88.6 128.6

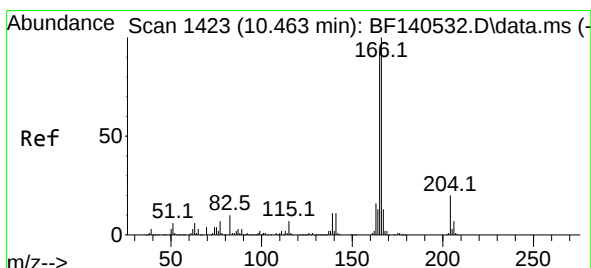
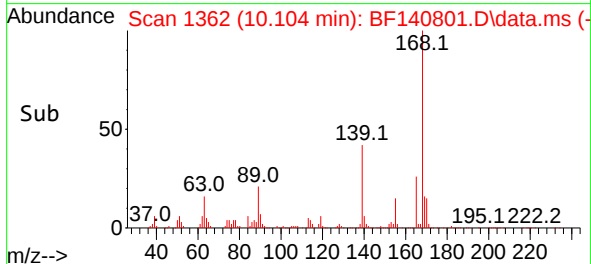
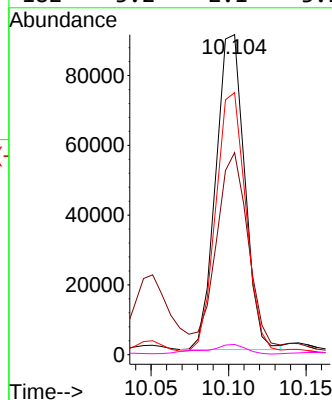
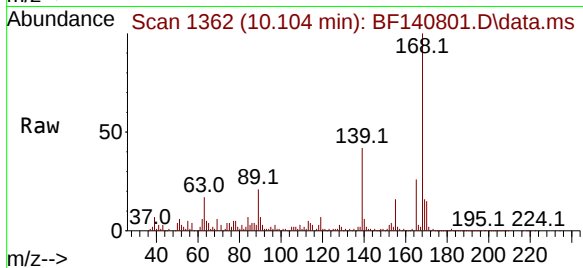




#57
2,4-Dinitrotoluene
Concen: 43.843 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

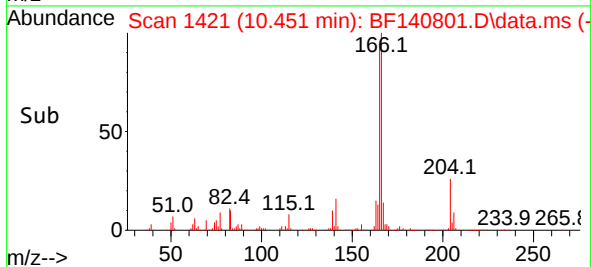
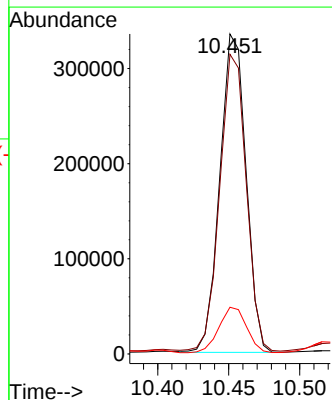
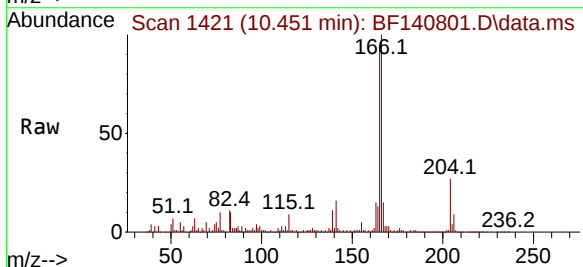
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion:165 Resp: 116978
Ion Ratio Lower Upper
165 100
63 63.1 41.7 62.5#
89 81.9 65.8 98.8
182 3.2 2.1 3.1#



#58
Fluorene
Concen: 48.066 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:166 Resp: 429589
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 14.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.630 ng

RT: 10.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

Tgt Ion:232 Resp: 93970

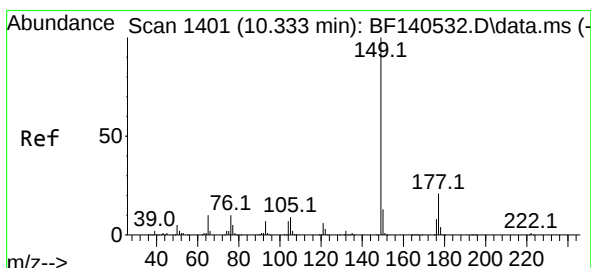
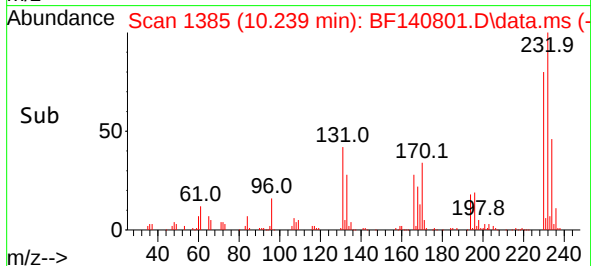
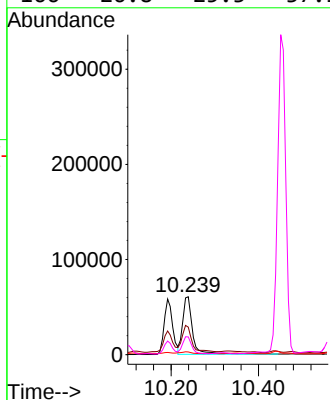
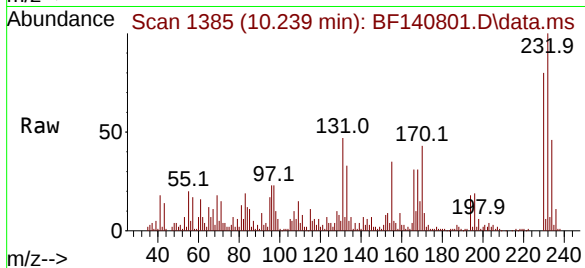
Ion Ratio Lower Upper

232 100

131 45.0 39.6 59.4

130 3.6 1.9 2.9#

166 26.8 25.3 37.9



#60

Diethylphthalate

Concen: 47.323 ng

RT: 10.322 min Scan# 1399

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

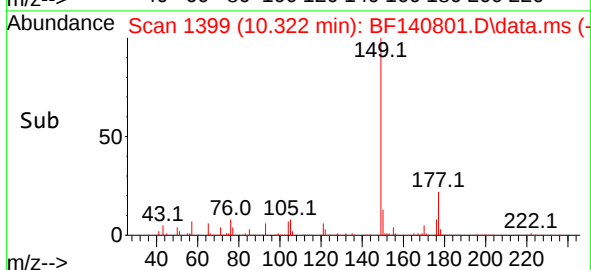
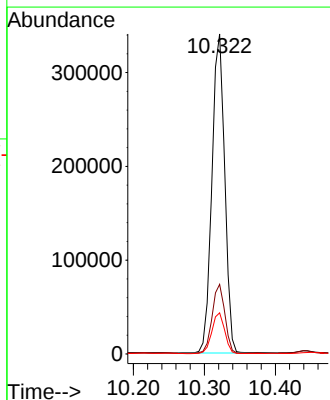
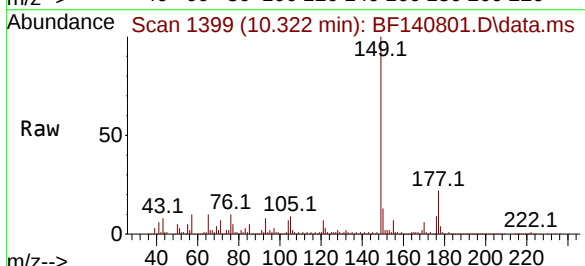
Tgt Ion:149 Resp: 425614

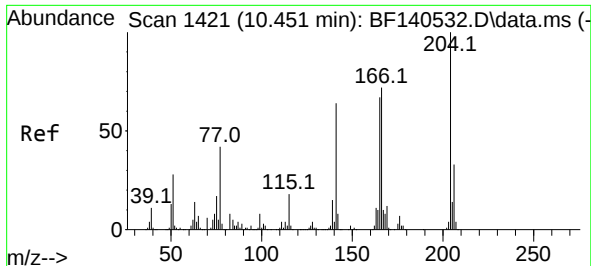
Ion Ratio Lower Upper

149 100

177 21.8 17.1 25.7

150 12.9 10.1 15.1

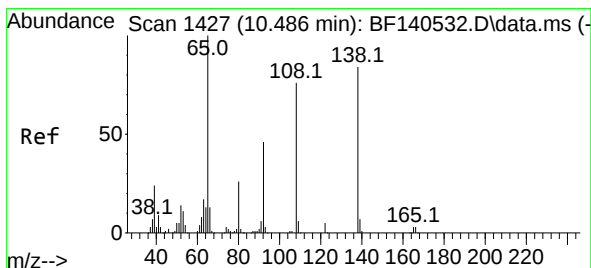
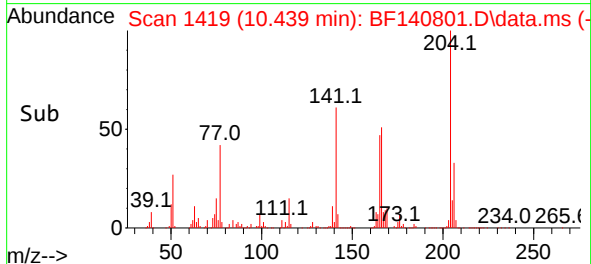
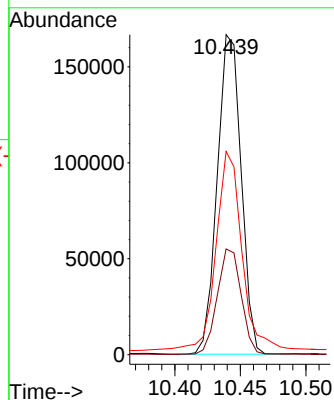
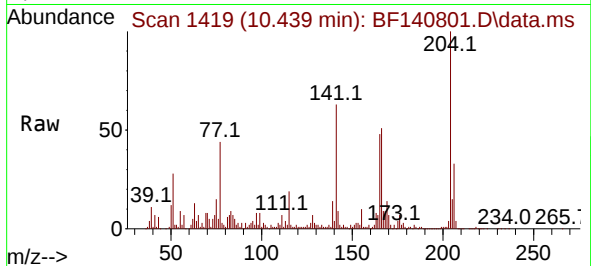




#61
4-Chlorophenyl-phenylether
Concen: 48.153 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

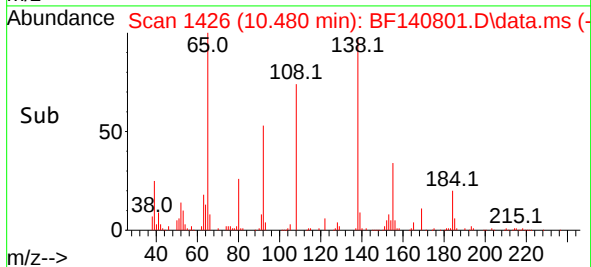
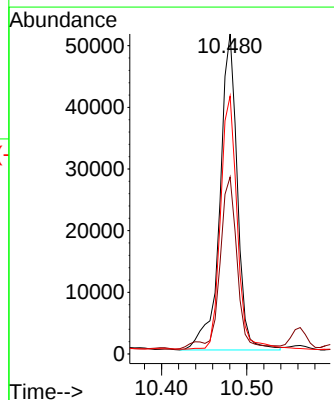
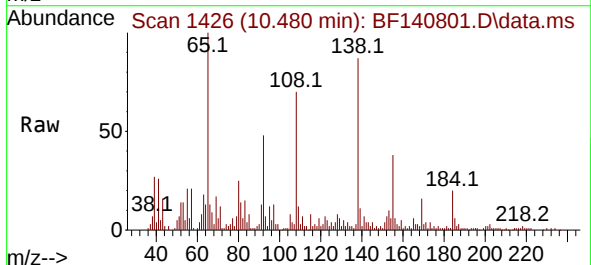
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

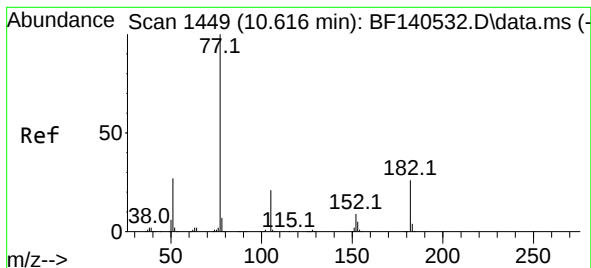
Tgt Ion:204 Resp: 211202
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 63.5 51.1 76.7



#62
4-Nitroaniline
Concen: 35.459 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:138 Resp: 73023
Ion Ratio Lower Upper
138 100
92 55.3 34.5 74.5
108 80.6 70.6 110.6





#63

Azobenzene

Concen: 47.043 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

Tgt Ion: 77 Resp: 400668

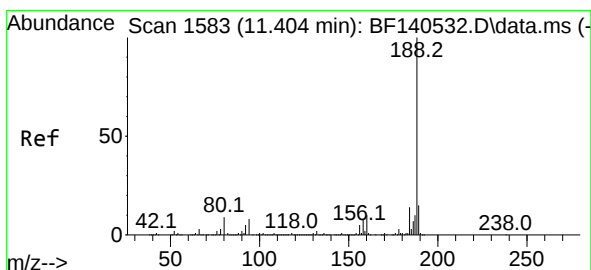
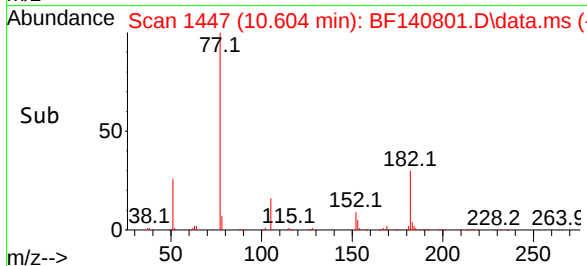
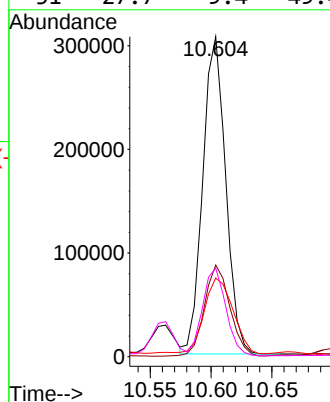
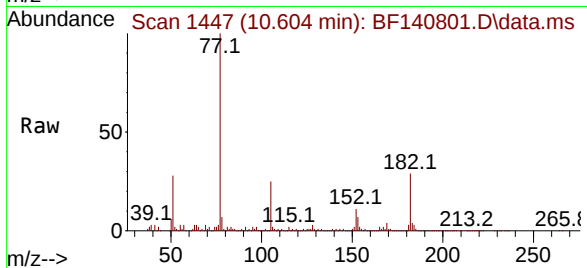
Ion Ratio Lower Upper

77 100

182 28.6 5.3 45.3

105 24.5 0.3 40.3

51 27.7 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

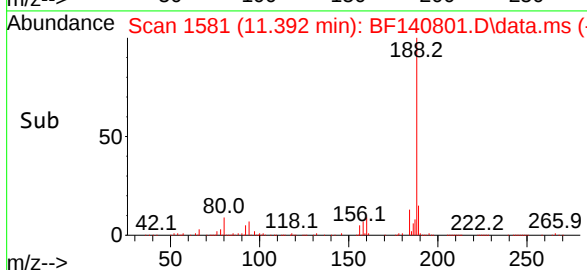
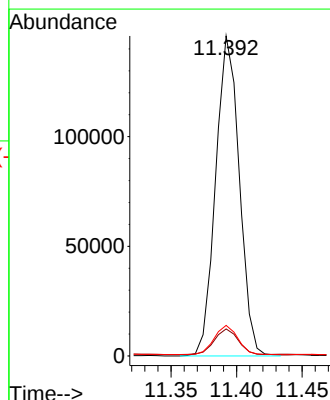
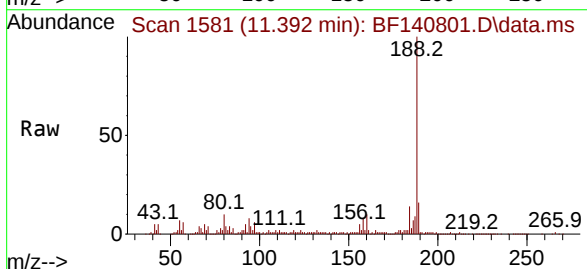
Tgt Ion: 188 Resp: 182939

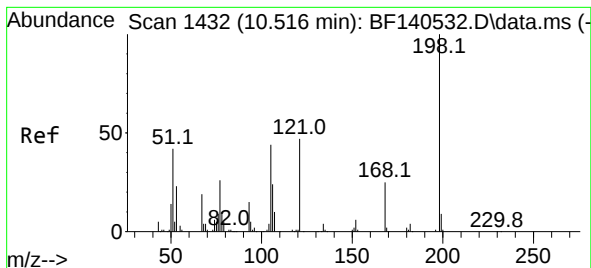
Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.5 6.9 10.3

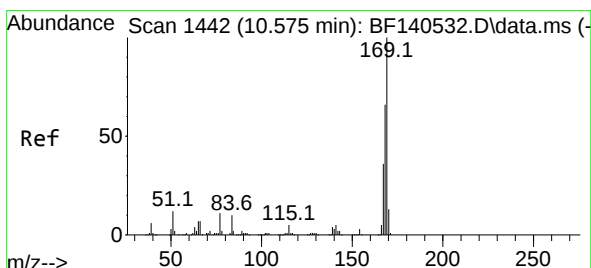
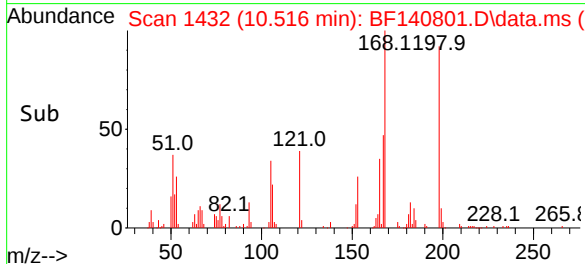
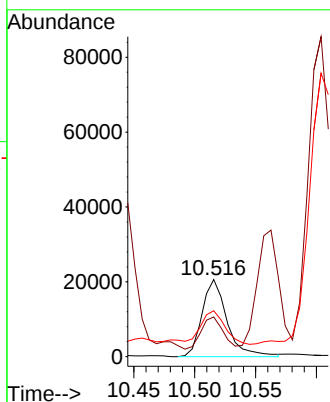
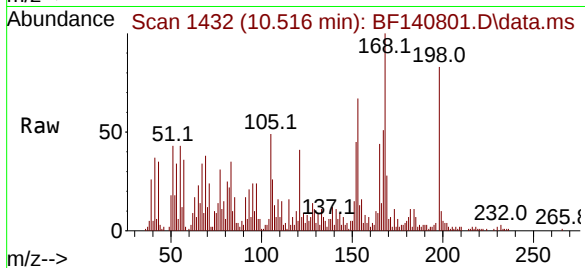




#65
4,6-Dinitro-2-methylphenol
Concen: 31.455 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

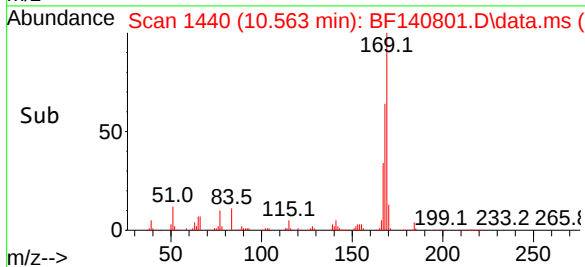
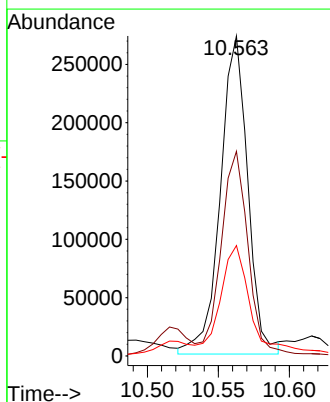
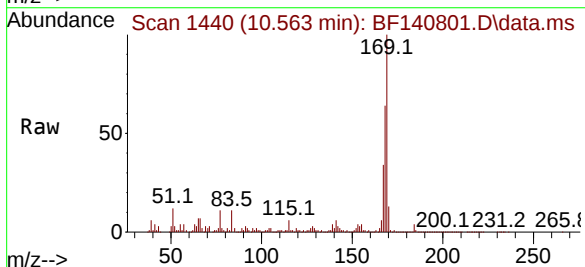
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

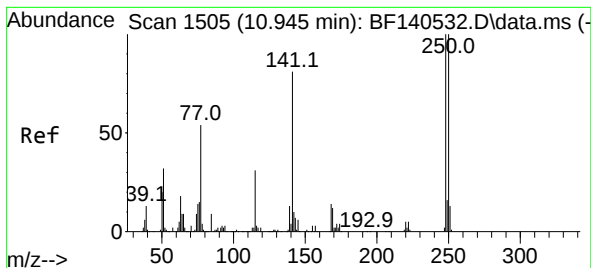
Tgt Ion:198 Resp: 29405
Ion Ratio Lower Upper
198 100
51 51.4 29.4 69.4
105 59.6 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 67.651 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

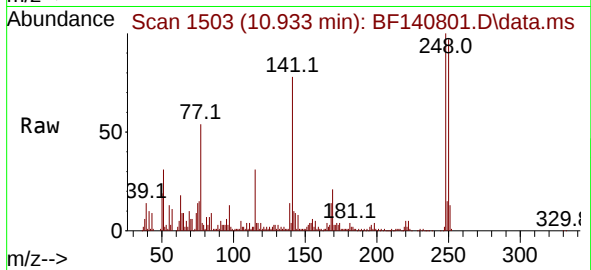
Tgt Ion:169 Resp: 365989
Ion Ratio Lower Upper
169 100
168 64.0 53.2 79.8
167 34.5 29.0 43.6



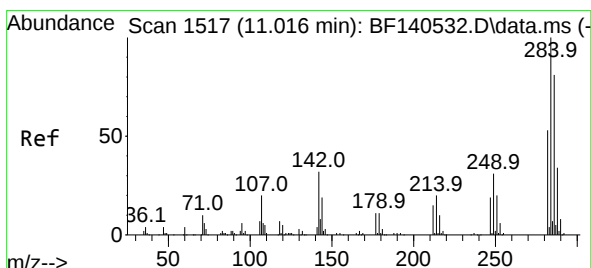
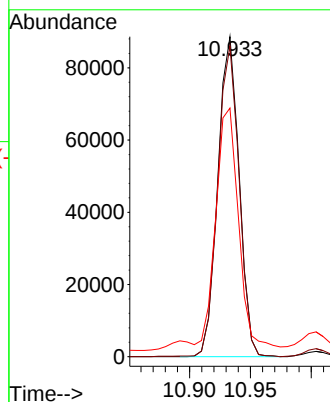
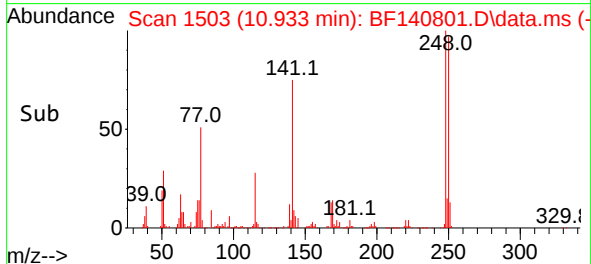


#67
4-Bromophenyl-phenylether
Concen: 57.378 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

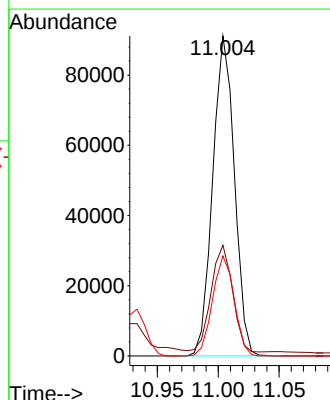
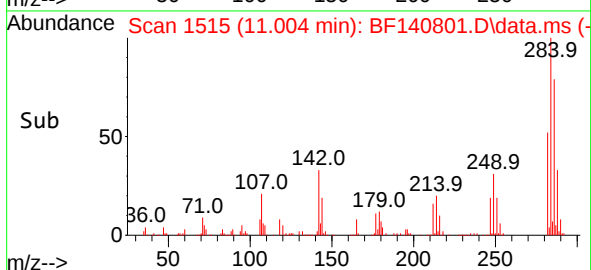
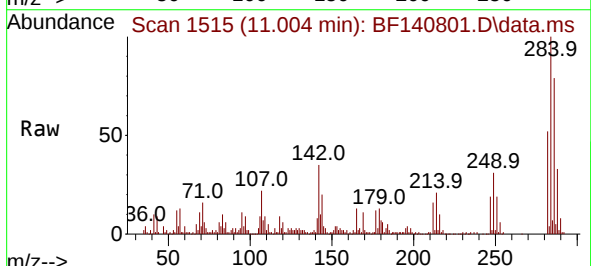


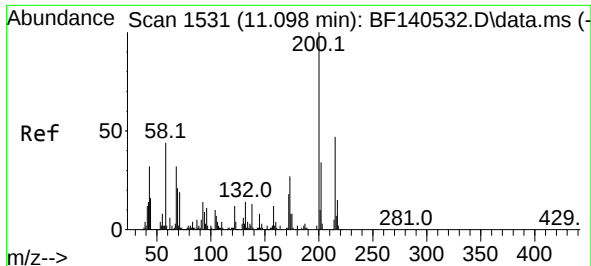
Tgt Ion:248 Resp: 108100
Ion Ratio Lower Upper
248 100
250 97.1 79.8 119.8
141 77.7 64.7 97.1



#68
Hexachlorobenzene
Concen: 51.824 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:284 Resp: 113054
Ion Ratio Lower Upper
284 100
142 34.6 25.3 37.9
249 31.2 24.8 37.2

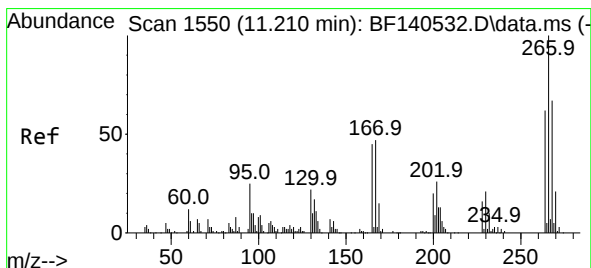
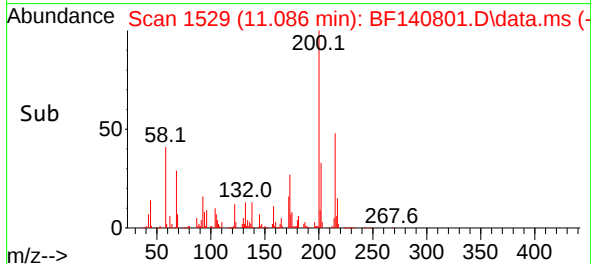
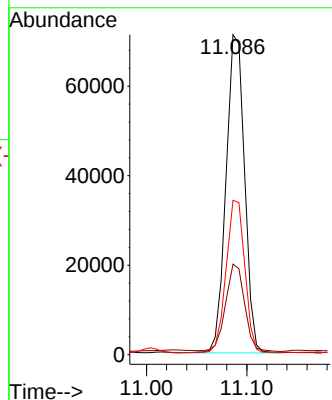
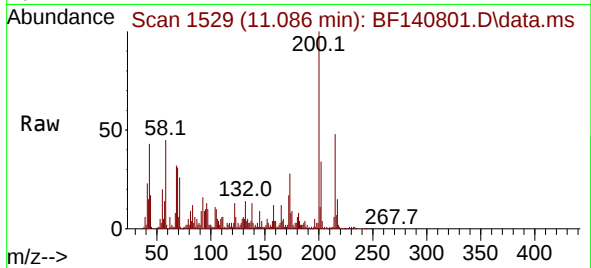




#69
 Atrazine
 Concen: 60.039 ng
 RT: 11.086 min Scan# 1529
 Delta R.T. -0.012 min
 Lab File: BF140801.D
 Acq: 10 Dec 2024 12:47

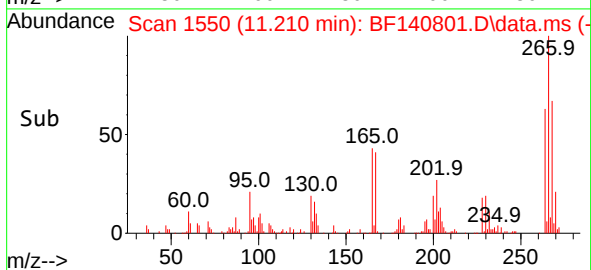
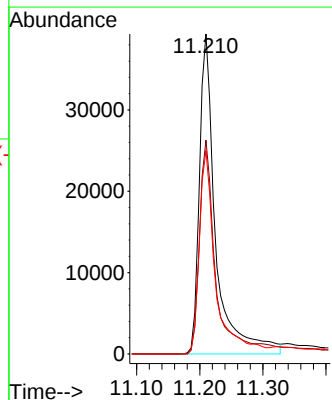
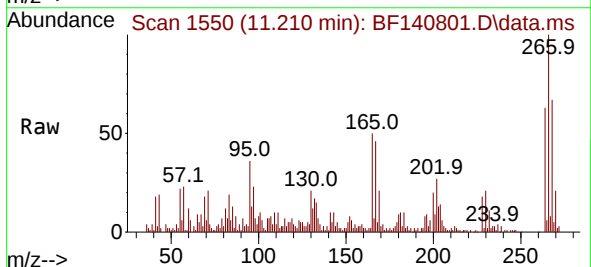
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

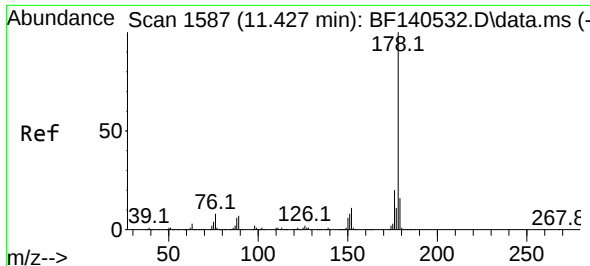
Tgt Ion:200 Resp: 91375
 Ion Ratio Lower Upper
 200 100
 173 28.3 7.0 47.0
 215 48.3 26.7 66.7



#70
 Pentachlorophenol
 Concen: 73.501 ng
 RT: 11.210 min Scan# 1550
 Delta R.T. -0.000 min
 Lab File: BF140801.D
 Acq: 10 Dec 2024 12:47

Tgt Ion:266 Resp: 70570
 Ion Ratio Lower Upper
 266 100
 268 66.8 53.7 80.5
 264 63.5 49.8 74.8

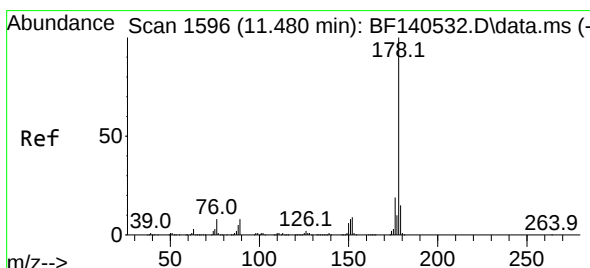
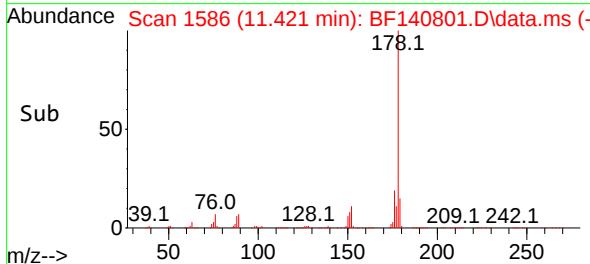
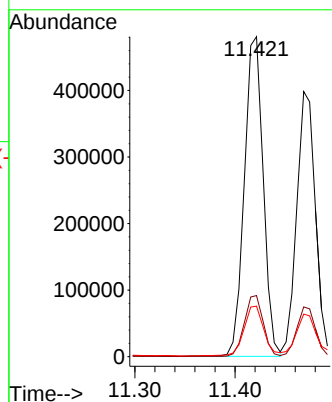
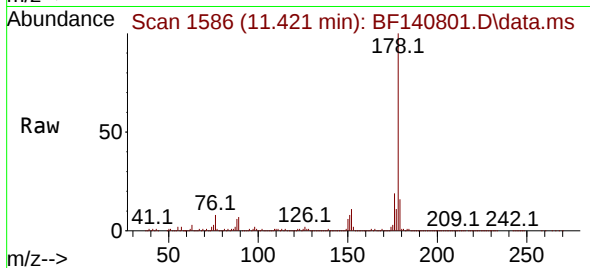




#71
Phenanthrene
Concen: 71.673 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

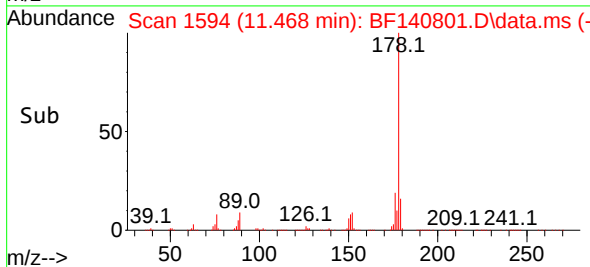
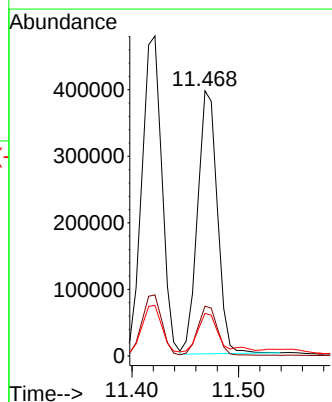
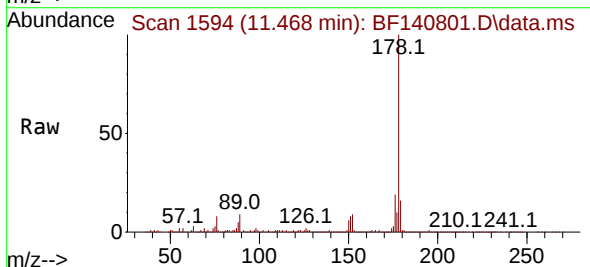
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

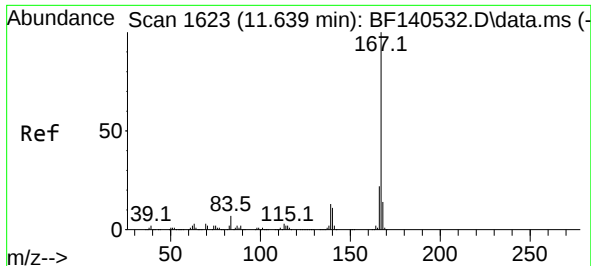
Tgt Ion:178 Resp: 630271
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.8 12.4 18.6



#72
Anthracene
Concen: 59.278 ng
RT: 11.468 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:178 Resp: 509906
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 16.1 12.2 18.4

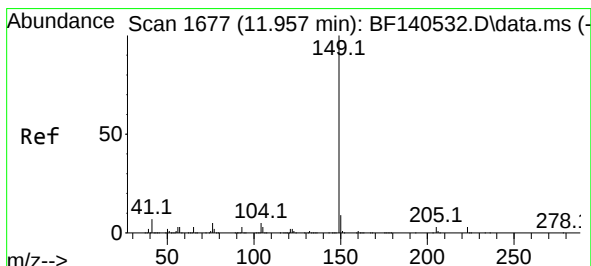
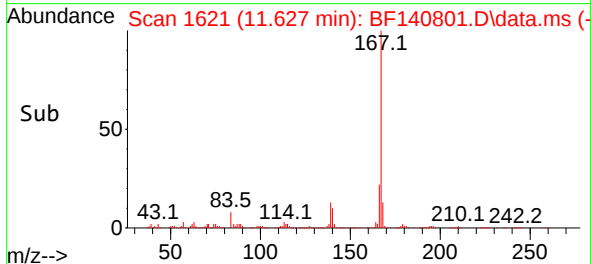
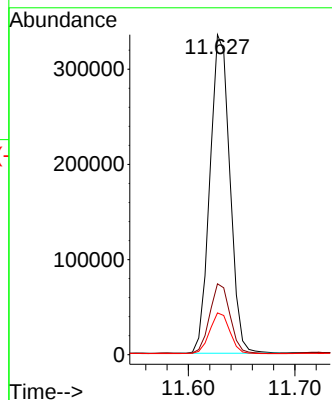
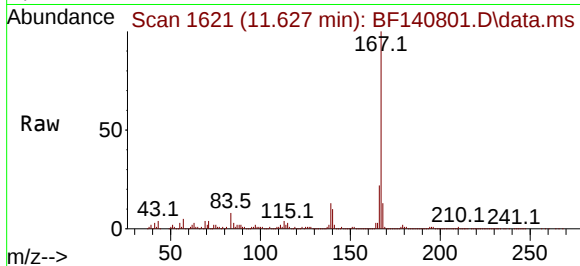




#73
 Carbazole
 Concen: 52.680 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.012 min
 Lab File: BF140801.D
 Acq: 10 Dec 2024 12:47

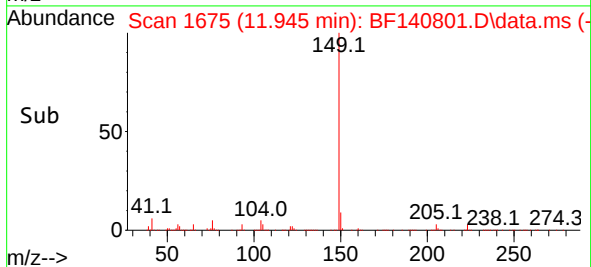
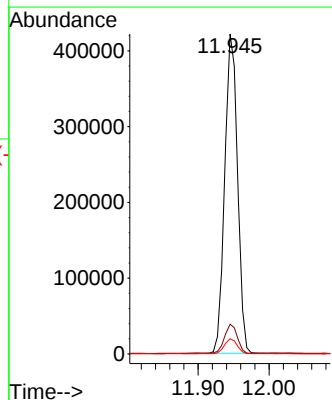
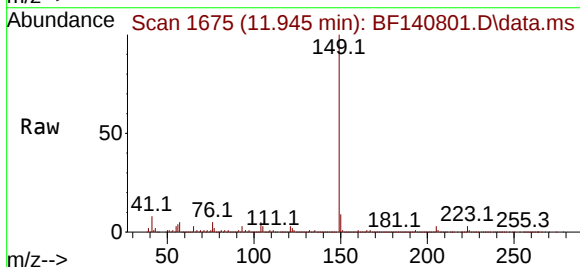
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMPMSD

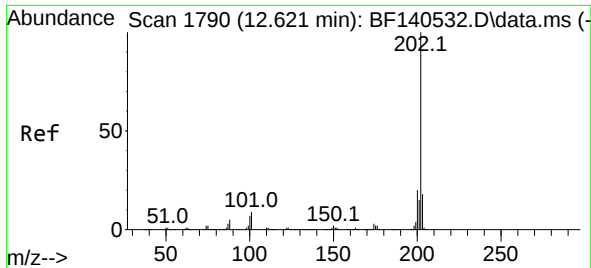
Tgt Ion:167 Resp: 435929
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.2 25.8
 139 13.0 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 54.933 ng
 RT: 11.945 min Scan# 1675
 Delta R.T. -0.012 min
 Lab File: BF140801.D
 Acq: 10 Dec 2024 12:47

Tgt Ion:149 Resp: 524802
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.8 4.1 6.1

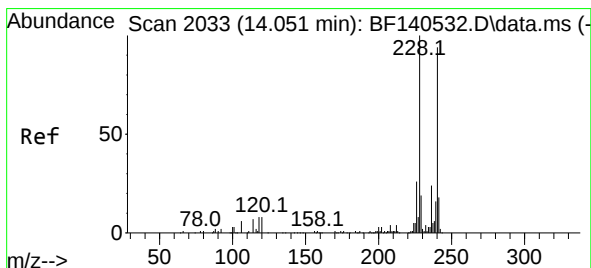
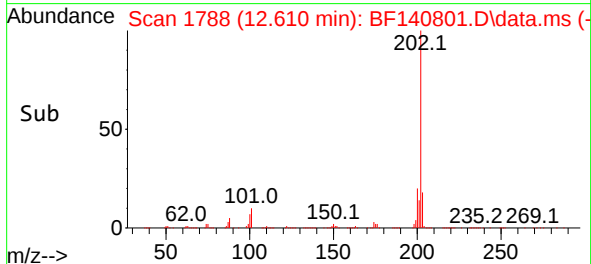
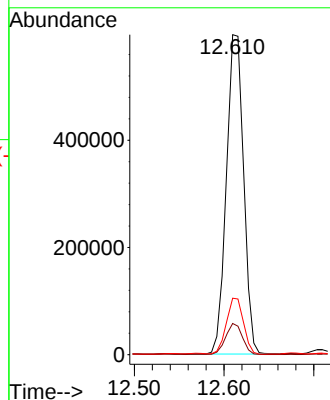
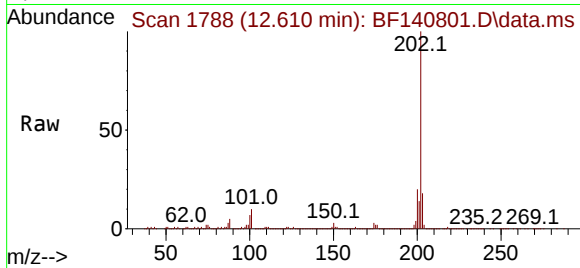




#75
Fluoranthene
Concen: 83.387 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

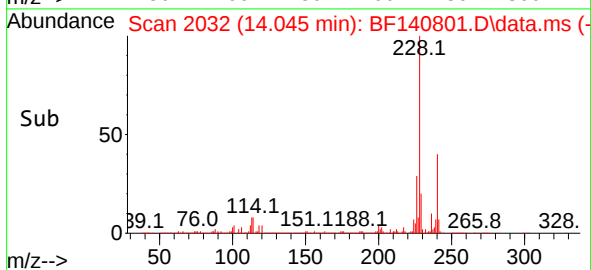
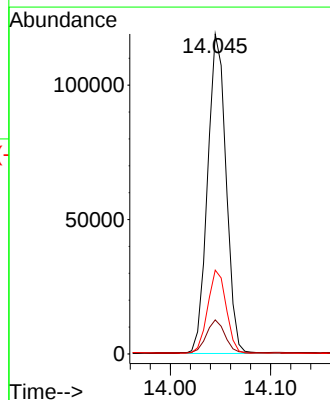
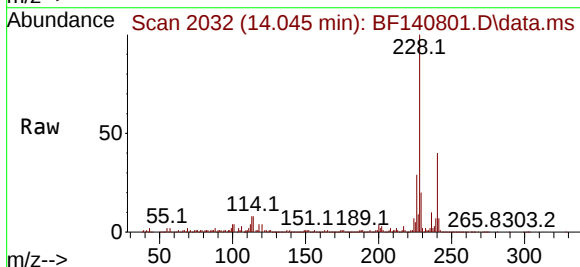
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

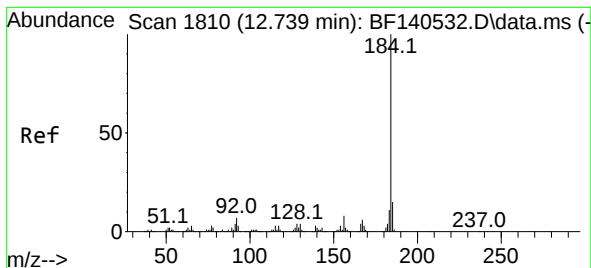
Tgt Ion:202 Resp: 796158
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.9
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:240 Resp: 152886
Ion Ratio Lower Upper
240 100
120 10.7 7.3 10.9
236 26.2 20.6 31.0





#77

Benzidine

Concen: 19.853 ng

RT: 12.733 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

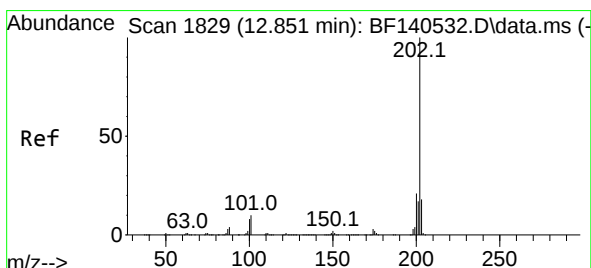
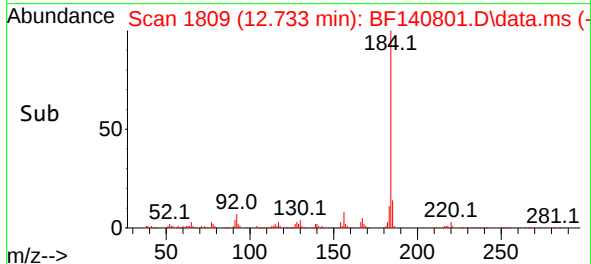
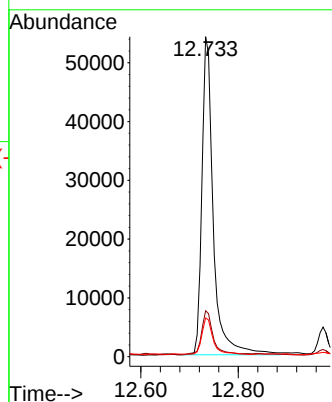
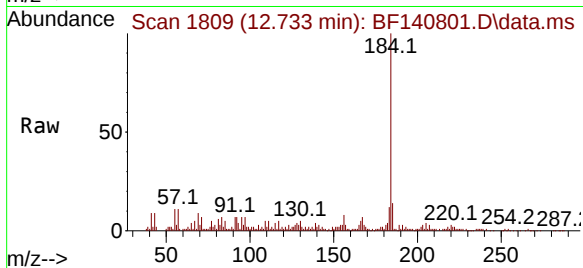
Tgt Ion:184 Resp: 88246

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

183 12.1 8.8 13.2



#78

Pyrene

Concen: 58.086 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

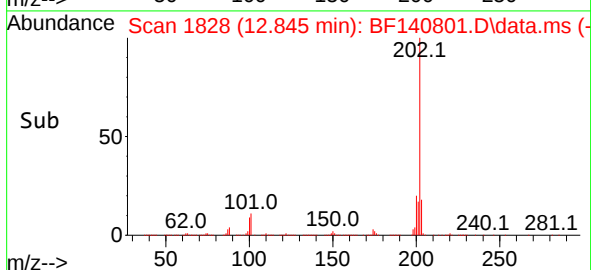
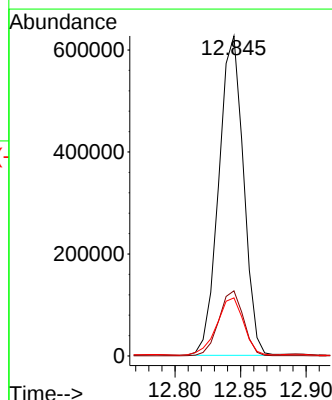
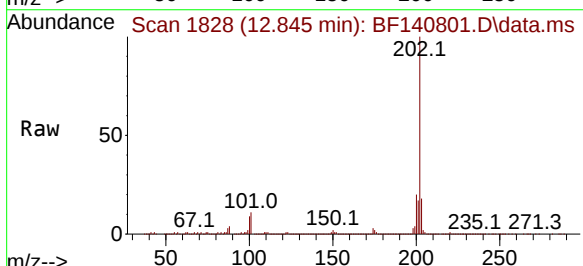
Tgt Ion:202 Resp: 821119

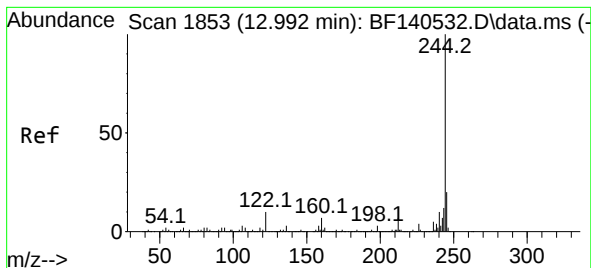
Ion Ratio Lower Upper

202 100

200 20.4 16.5 24.7

203 18.2 14.2 21.4





#79

Terphenyl-d14

Concen: 47.440 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

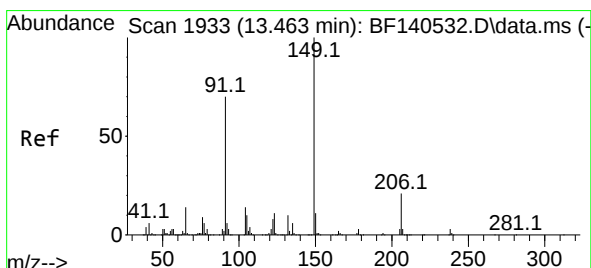
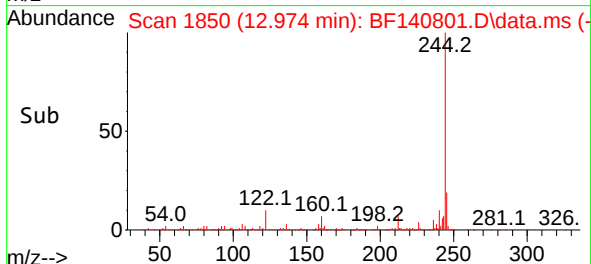
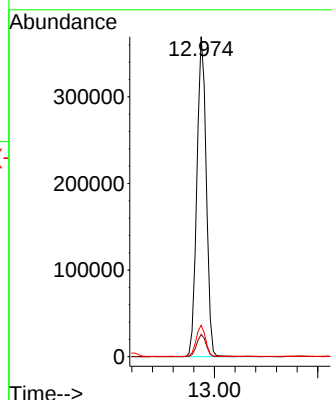
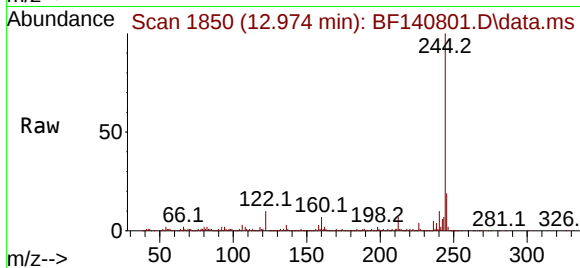
Tgt Ion:244 Resp: 465788

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.8 8.0 12.0



#80

Butylbenzylphthalate

Concen: 42.711 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

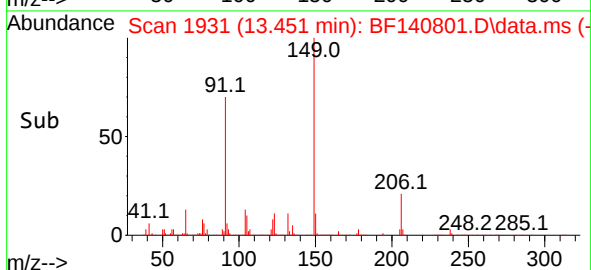
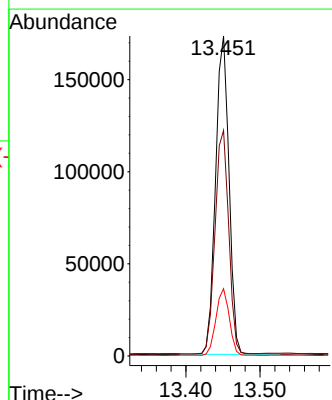
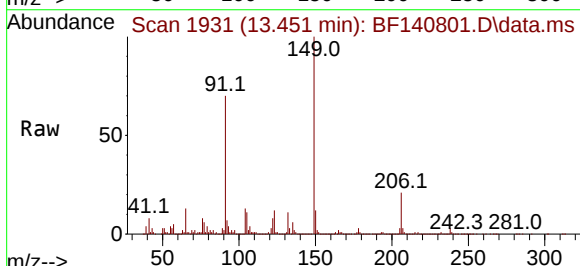
Tgt Ion:149 Resp: 217503

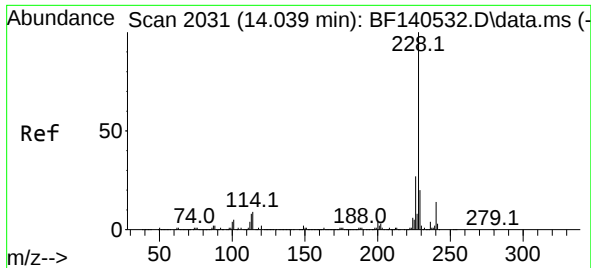
Ion Ratio Lower Upper

149 100

91 70.5 56.2 84.2

206 21.0 16.4 24.6

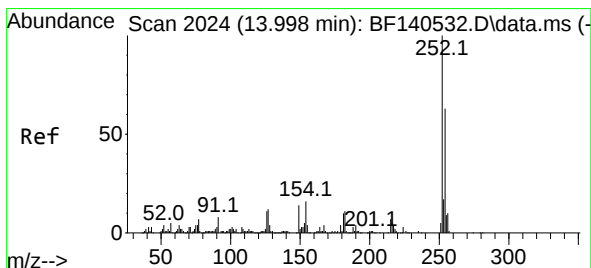
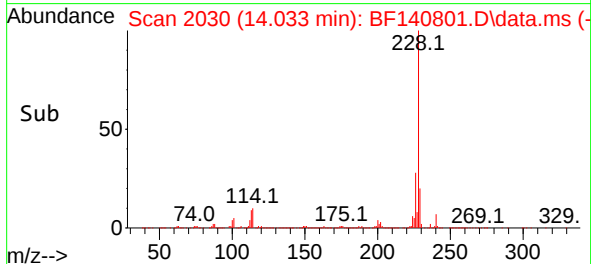
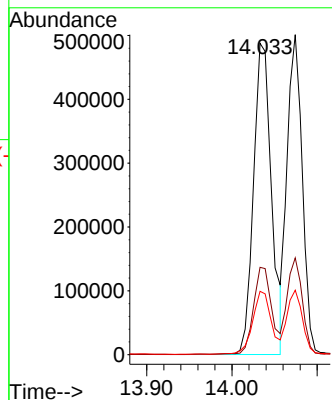
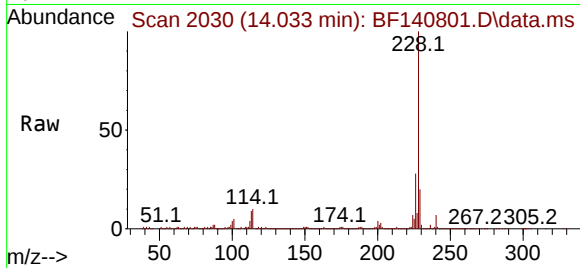




#81
Benzo(a)anthracene
Concen: 70.795 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

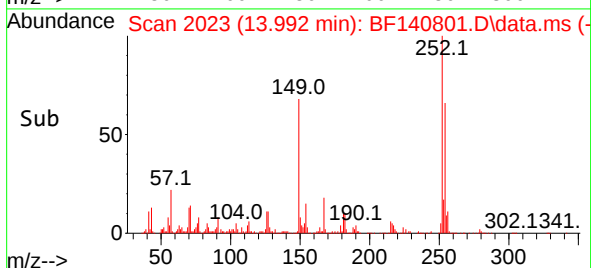
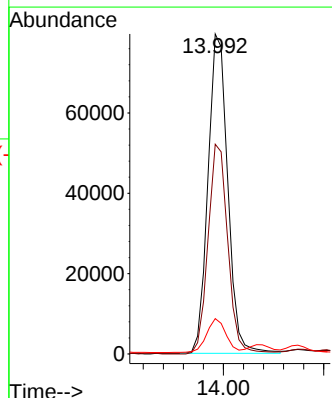
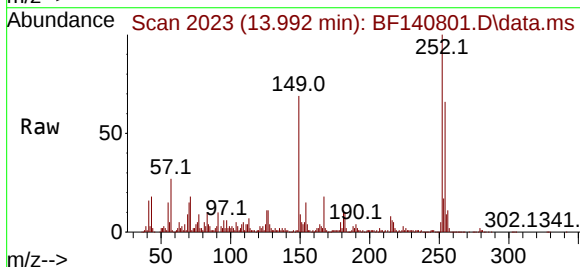
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion:228 Resp: 716473
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.8
229 20.4 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 35.872 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:252 Resp: 108998
Ion Ratio Lower Upper
252 100
254 65.6 50.8 76.2
126 11.0 8.6 13.0





#83

Chrysene

Concen: 66.774 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

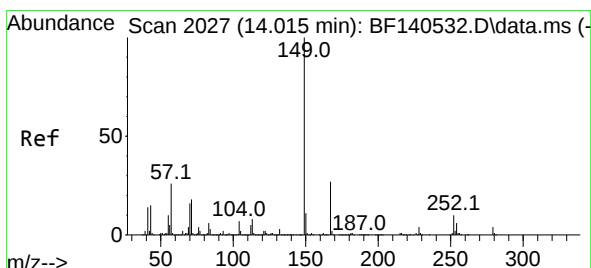
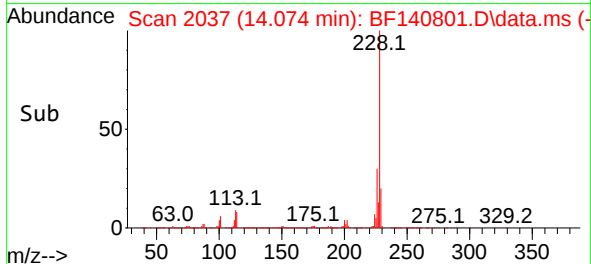
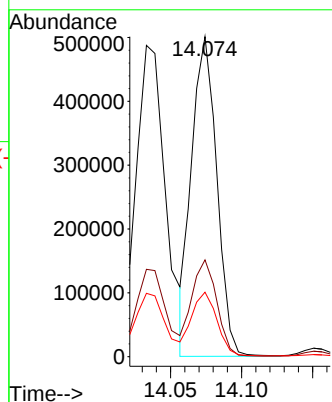
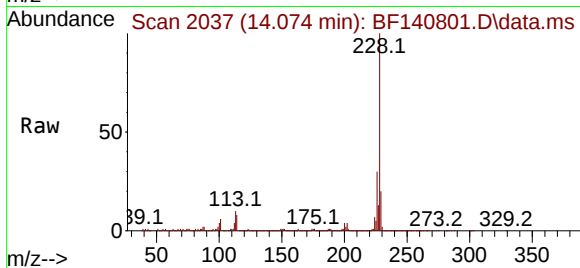
Tgt Ion:228 Resp: 617925

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 20.2 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.907 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

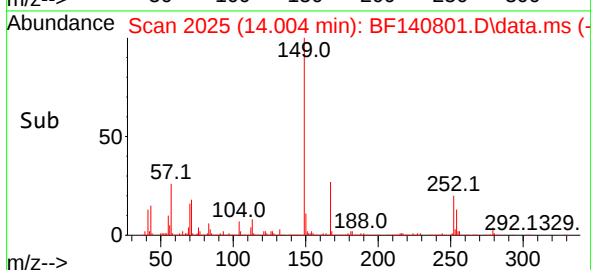
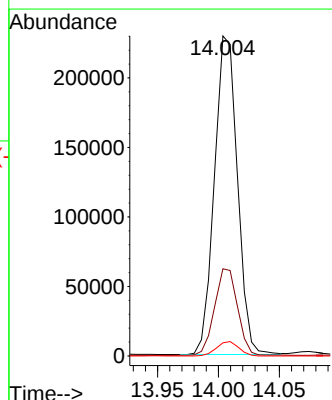
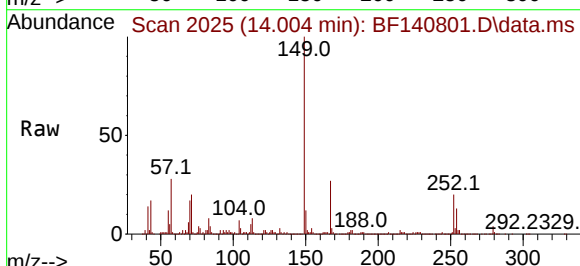
Tgt Ion:149 Resp: 301624

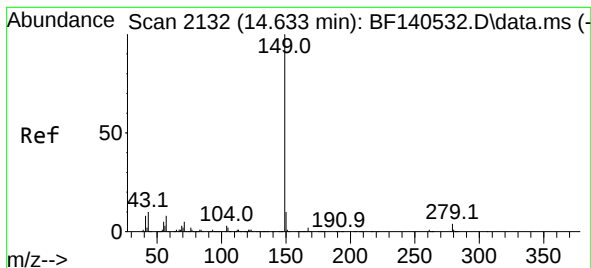
Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 62.044 ng

RT: 14.627 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

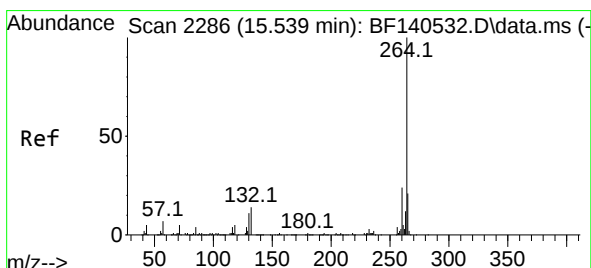
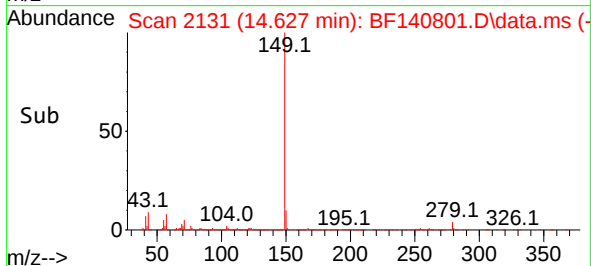
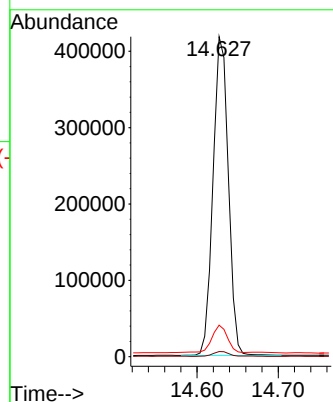
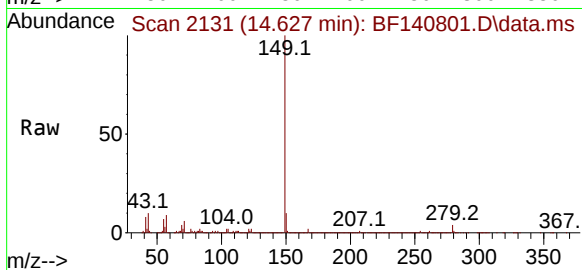
Tgt Ion:149 Resp: 545228

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 8.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

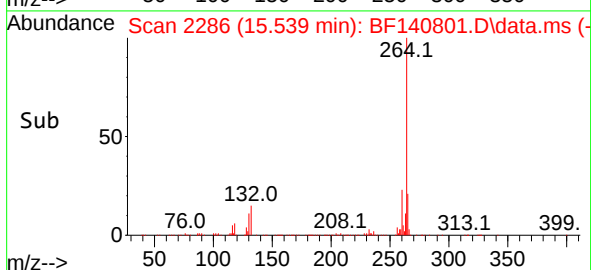
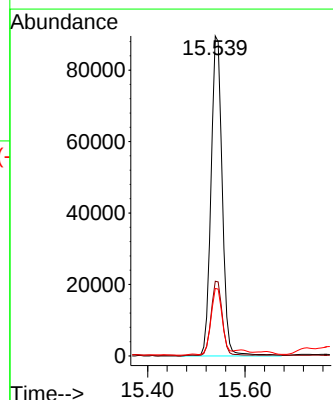
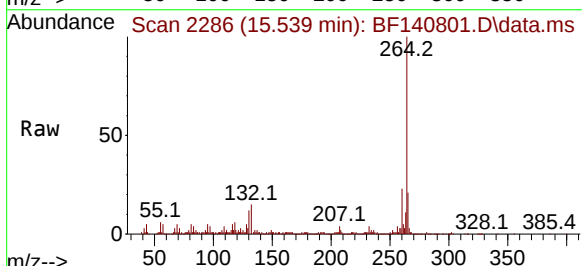
Tgt Ion:264 Resp: 142462

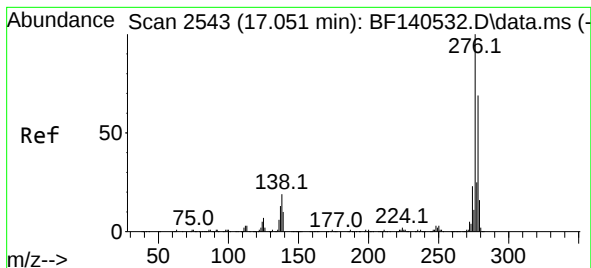
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.218 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

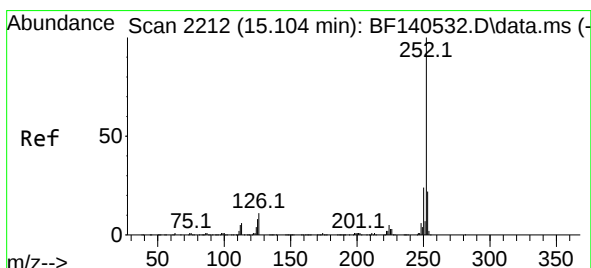
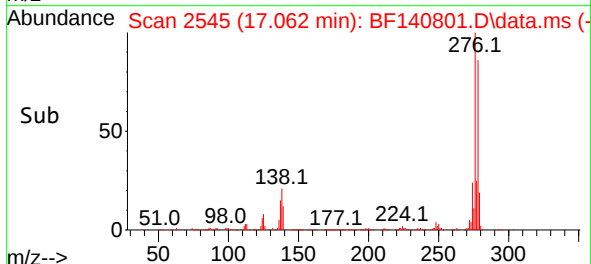
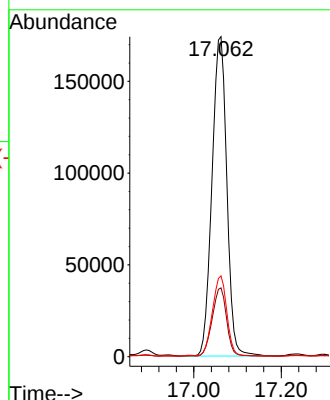
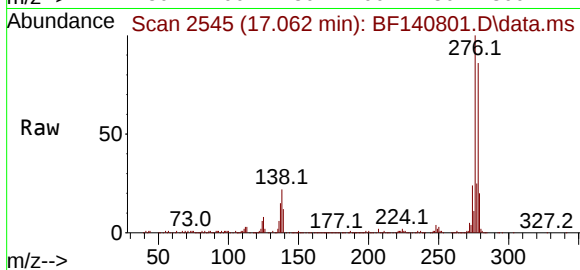
Tgt Ion:276 Resp: 410526

Ion Ratio Lower Upper

276 100

138 21.0 15.5 23.3

277 24.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 79.658 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

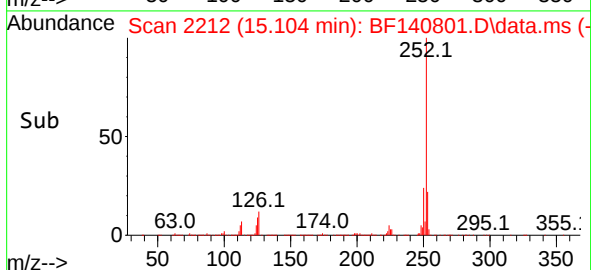
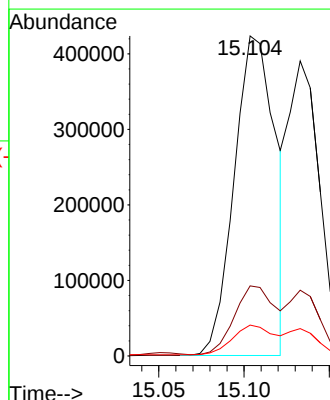
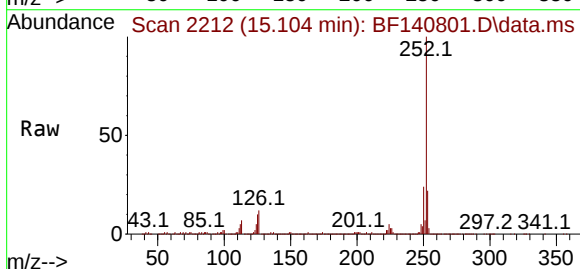
Tgt Ion:252 Resp: 712803

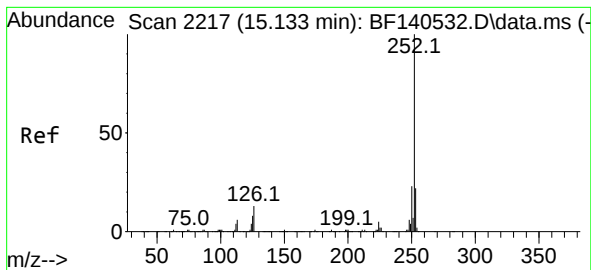
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 63.210 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMPMSD

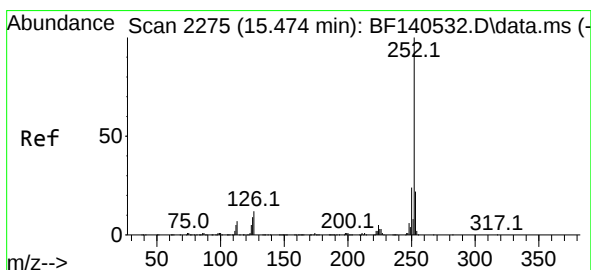
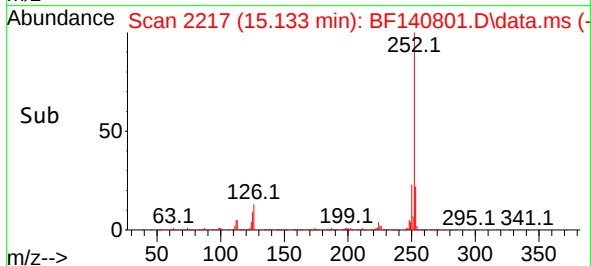
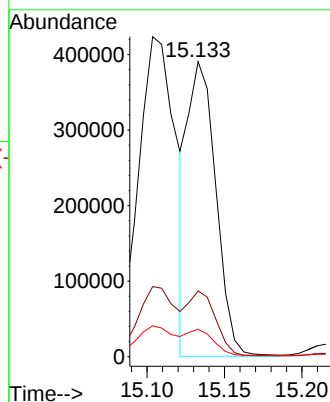
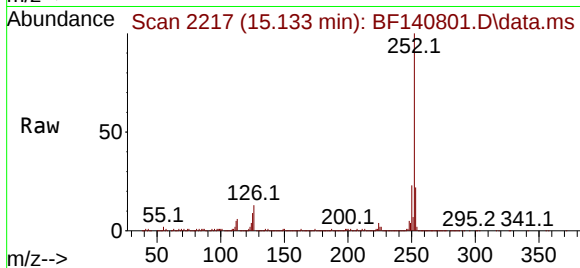
Tgt Ion:252 Resp: 494962

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.3 6.5 9.7



#90

Benzo(a)pyrene

Concen: 69.774 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140801.D

Acq: 10 Dec 2024 12:47

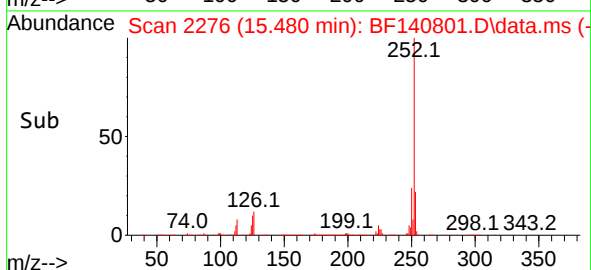
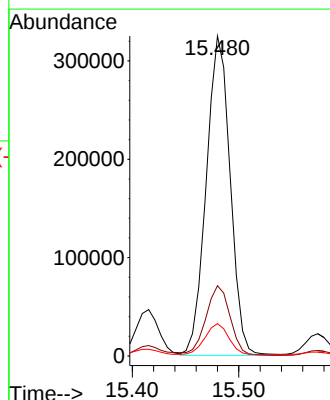
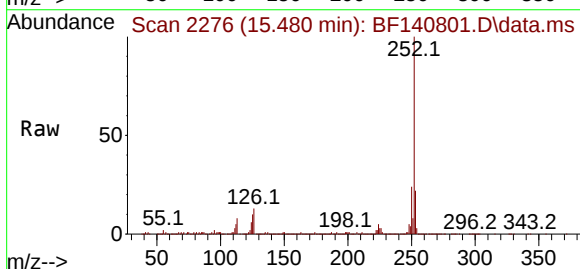
Tgt Ion:252 Resp: 507648

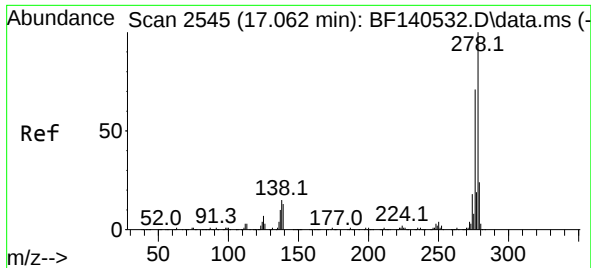
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.1 7.0 10.6

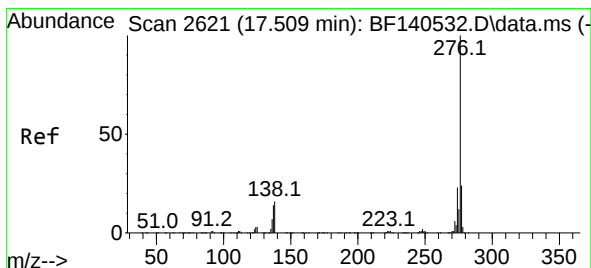
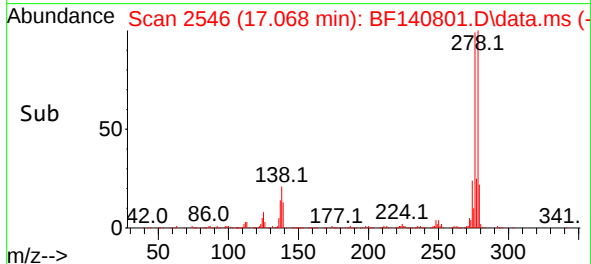
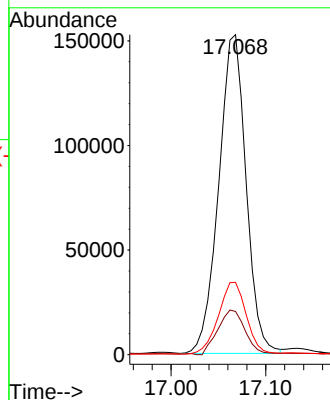
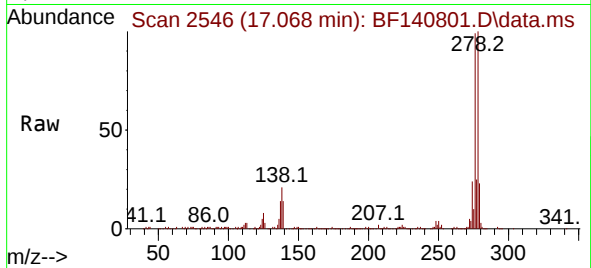




#91
Dibenzo(a,h)anthracene
Concen: 40.240 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMPMSD

Tgt Ion:278 Resp: 305961
Ion Ratio Lower Upper
278 100
139 13.5 10.2 15.4
279 22.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 35.997 ng
RT: 17.515 min Scan# 2622
Delta R.T. 0.006 min
Lab File: BF140801.D
Acq: 10 Dec 2024 12:47

Tgt Ion:276 Resp: 279289
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 17.0 13.2 19.8

