

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138625.D
 Acq On : 23 Jul 2024 18:35
 Operator : RC/JU
 Sample : P3302-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285-290MS

Quant Time: Jul 24 01:14:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	78868	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	318489	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	167760	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	234025	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	128322	20.000	ng	-0.02
86) Perylene-d12	15.468	264	123413	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	542031	108.846	ng	0.00
7) Phenol-d6	6.498	99	745870	112.591	ng	0.00
23) Nitrobenzene-d5	7.422	82	480592	74.087	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	156129	99.579	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	807125	75.194	ng	-0.02
79) Terphenyl-d14	12.957	244	530135	67.304	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	97733	44.313	ng	97
3) Pyridine	3.463	79	258730	47.569	ng	97
4) n-Nitrosodimethylamine	3.428	42	186829	52.767	ng	93
6) Aniline	6.516	93	170845	27.534	ng	# 1
8) 2-Chlorophenol	6.645	128	291380	55.336	ng	99
9) Benzaldehyde	6.404	77	24871	7.014	ng	96
10) Phenol	6.510	94	372705	53.004	ng	95
11) bis(2-Chloroethyl)ether	6.592	93	282111	53.287	ng	99
12) 1,3-Dichlorobenzene	6.792	146	295771	49.971	ng	97
13) 1,4-Dichlorobenzene	6.875	146	299101	49.763	ng	99
14) 1,2-Dichlorobenzene	7.022	146	287713	51.396	ng	97
15) Benzyl Alcohol	6.998	79	279125	56.144	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	503209	48.334	ng	78
17) 2-Methylphenol	7.116	107	226948	52.589	ng	# 90
18) Hexachloroethane	7.363	117	114170	51.670	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	219044	53.512	ng	95
20) 3+4-Methylphenols	7.269	107	292480	53.821	ng	90
22) Acetophenone	7.263	105	371471	48.023	ng	99
24) Nitrobenzene	7.439	77	333877	50.648	ng	98
25) Isophorone	7.681	82	593834	53.307	ng	99
26) 2-Nitrophenol	7.757	139	152419	53.947	ng	96
27) 2,4-Dimethylphenol	7.792	122	208406	60.016	ng	98
28) bis(2-Chloroethoxy)met...	7.886	93	355142	53.344	ng	97
29) 2,4-Dichlorophenol	7.998	162	228838	50.747	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	249848	47.561	ng	98
31) Naphthalene	8.157	128	832334	50.250	ng	99
32) Benzoic acid	7.933	122	135060	40.779	ng	95
33) 4-Chloroaniline	8.210	127	62210	10.704	ng	98
34) Hexachlorobutadiene	8.269	225	146079	45.158	ng	99
35) Caprolactam	8.586	113	51953	35.704	ng	98
36) 4-Chloro-3-methylphenol	8.698	107	261735	51.845	ng	98
37) 2-Methylnaphthalene	8.851	142	520376	48.819	ng	99
38) 1-Methylnaphthalene	8.951	142	481950	46.328	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	219532	46.953	ng	99
41) Hexachlorocyclopentadiene	8.998	237	153901	101.410	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	149361	50.080	ng	98

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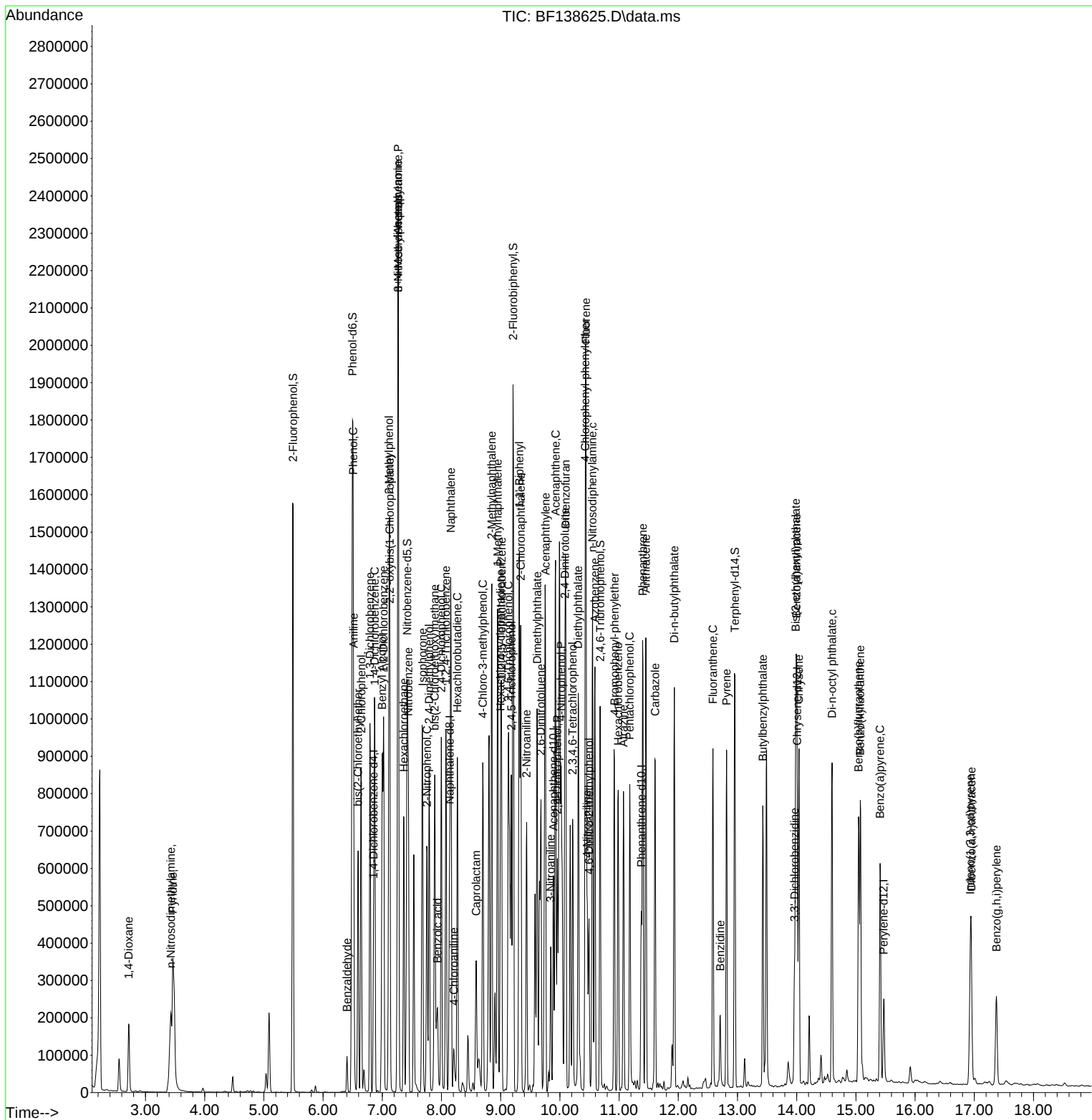
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	153779	46.879	ng	95
46) 1,1'-Biphenyl	9.316	154	614624	48.344	ng	99
47) 2-Chloronaphthalene	9.339	162	472642	49.210	ng	98
48) 2-Nitroaniline	9.439	65	175308	52.672	ng	97
49) Acenaphthylene	9.757	152	747129	54.790	ng	100
50) Dimethylphthalate	9.616	163	575518	53.054	ng	99
51) 2,6-Dinitrotoluene	9.680	165	124062	49.672	ng	90
52) Acenaphthene	9.927	154	468438	51.679	ng	99
53) 3-Nitroaniline	9.845	138	71654	27.991	ng	89
54) 2,4-Dinitrophenol	9.957	184	100297	75.125	ng	94
55) Dibenzofuran	10.098	168	653357	49.695	ng	99
56) 4-Nitrophenol	10.022	139	151484	80.199	ng	99
57) 2,4-Dinitrotoluene	10.086	165	157230	48.654	ng	94
58) Fluorene	10.439	166	505047	48.548	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	117369	45.336	ng	97
60) Diethylphthalate	10.310	149	538042	51.450	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	246622	47.211	ng	92
62) 4-Nitroaniline	10.463	138	107195	41.788	ng	99
63) Azobenzene	10.592	77	574131	51.064	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	77071	57.035	ng	83
66) n-Nitrosodiphenylamine	10.551	169	432629	61.702	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	140862	58.562	ng	99
68) Hexachlorobenzene	10.986	284	146157	54.696	ng	96
69) Atrazine	11.074	200	124331	53.484	ng	98
70) Pentachlorophenol	11.180	266	130067	82.259	ng	98
71) Phenanthrene	11.398	178	637962	53.959	ng	99
72) Anthracene	11.451	178	632384	53.882	ng	99
73) Carbazole	11.610	167	494706	46.904	ng	99
74) Di-n-butylphthalate	11.933	149	706960	58.151	ng	99
75) Fluoranthene	12.586	202	501851	41.598	ng	98
77) Benzidine	12.710	184	103073	31.837	ng	99
78) Pyrene	12.816	202	497822	38.216	ng	100
80) Butylbenzylphthalate	13.427	149	221257	56.463	ng	95
81) Benzo(a)anthracene	13.998	228	470848	54.684	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	77576	34.965	ng	# 97
83) Chrysene	14.039	228	416045	51.077	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	295540	70.716	ng	98
85) Di-n-octyl phthalate	14.598	149	532544	80.662	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	274952	33.168	ng	99
88) Benzo(b)fluoranthene	15.045	252	453078	65.189	ng	100
89) Benzo(k)fluoranthene	15.074	252	386930	57.082	ng	99
90) Benzo(a)pyrene	15.409	252	346563	56.762	ng	100
91) Dibenzo(a,h)anthracene	16.951	278	222041	32.744	ng	99
92) Benzo(g,h,i)perylene	17.374	276	205760	28.615	ng	98

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

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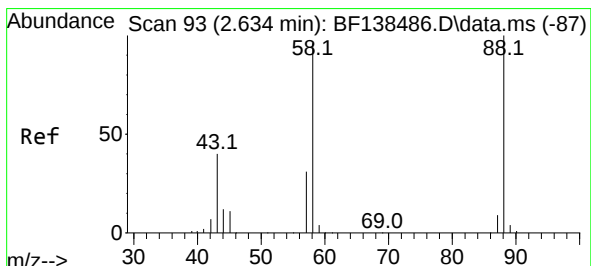
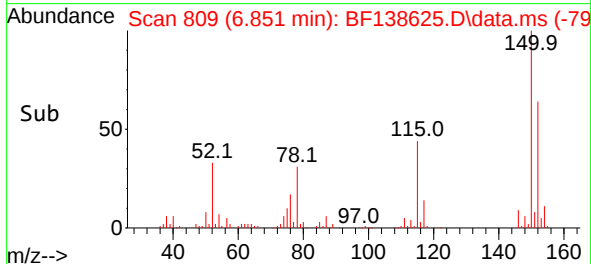
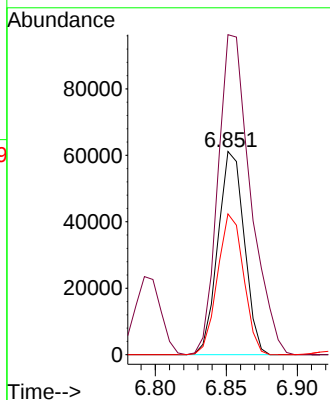
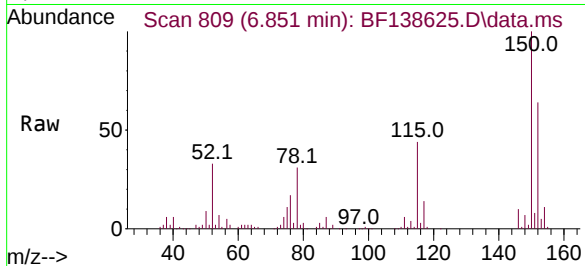




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF138625.D
 Acq: 23 Jul 2024 18:35

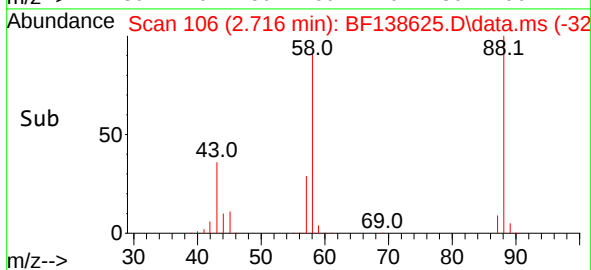
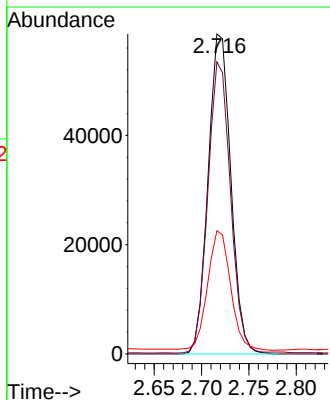
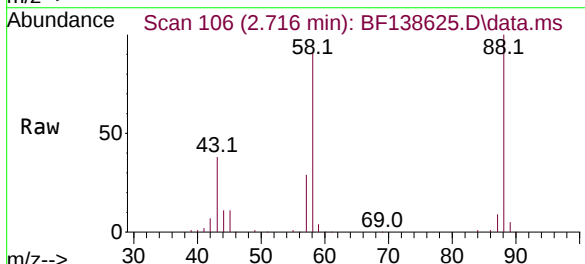
Instrument :
 BNA_F
 ClientSampleId :
 285-290MS

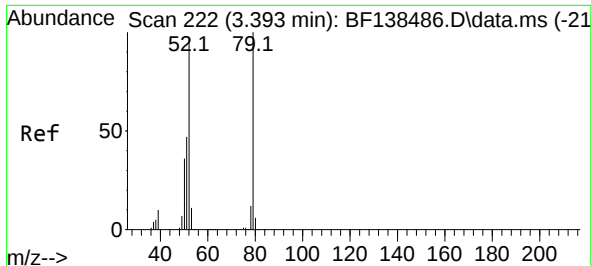
Tgt Ion:152 Resp: 78868
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.2 189.4
 115 69.3 50.3 75.5



#2
 1,4-Dioxane
 Concen: 44.313 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.082 min
 Lab File: BF138625.D
 Acq: 23 Jul 2024 18:35

Tgt Ion: 88 Resp: 97733
 Ion Ratio Lower Upper
 88 100
 58 90.3 74.6 112.0
 43 38.0 31.8 47.6





#3

Pyridine

Concen: 47.569 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF138625.D

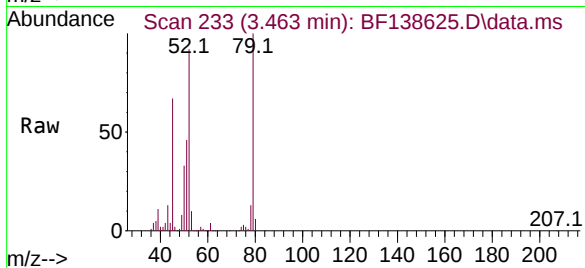
Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS



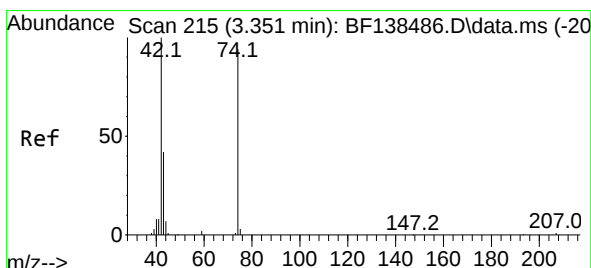
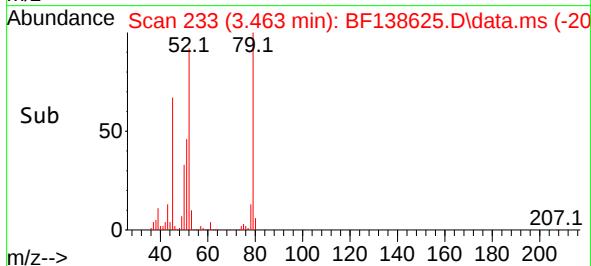
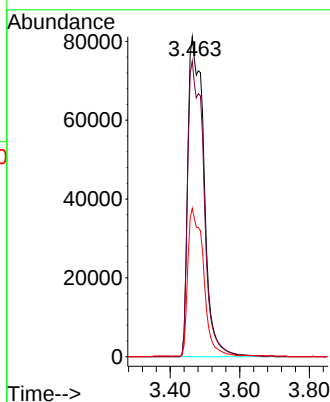
Tgt Ion: 79 Resp: 258730

Ion Ratio Lower Upper

79 100

52 92.4 77.4 116.2

51 46.4 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 52.767 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.077 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

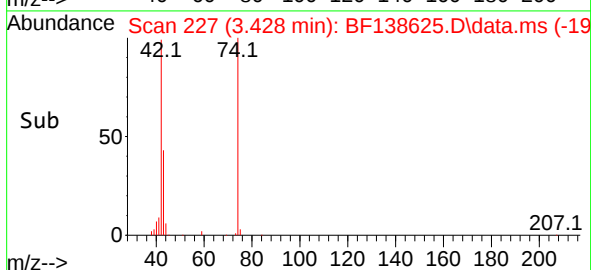
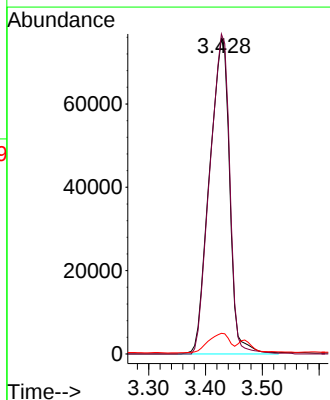
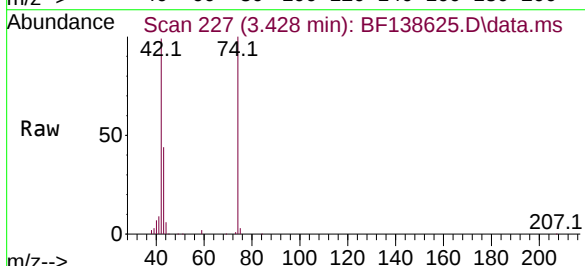
Tgt Ion: 42 Resp: 186829

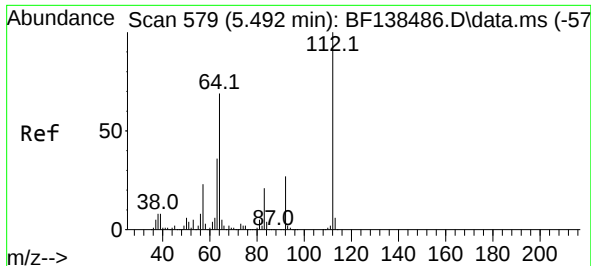
Ion Ratio Lower Upper

42 100

74 101.5 75.0 112.6

44 6.6 5.4 8.2

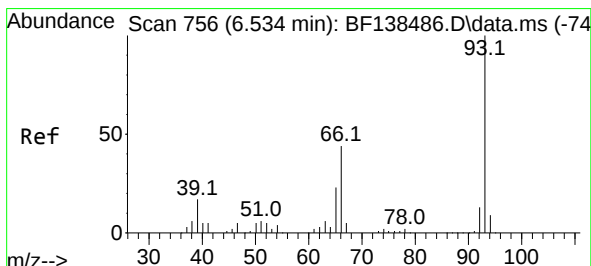
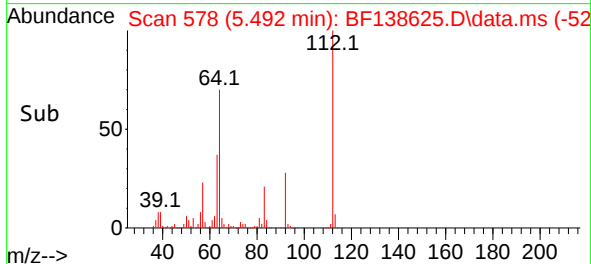
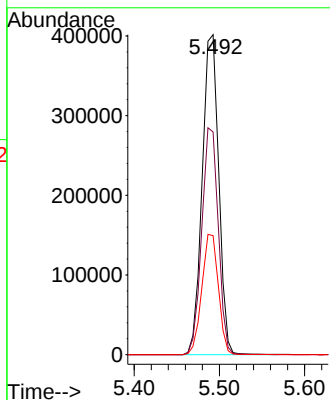
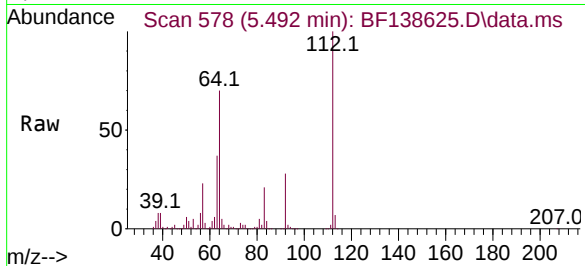




#5
2-Fluorophenol
Concen: 108.846 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

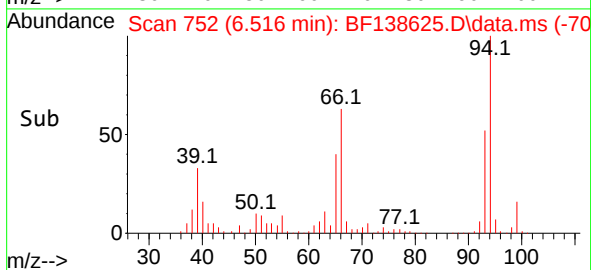
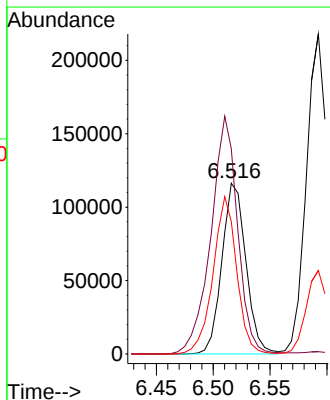
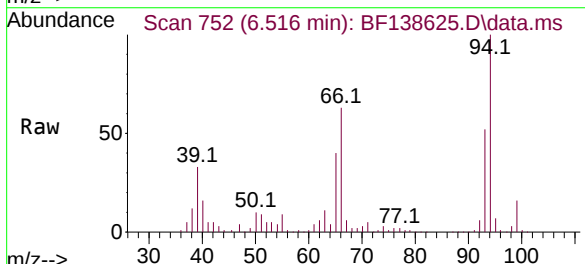
Instrument :
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Tgt Ion:112 Resp: 542031
Ion Ratio Lower Upper
112 100
64 69.6 55.1 82.7
63 37.2 29.0 43.6



#6
Aniline
Concen: 27.534 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion: 93 Resp: 170845
Ion Ratio Lower Upper
93 100
66 120.1 35.4 53.0#
65 77.4 18.6 27.8#

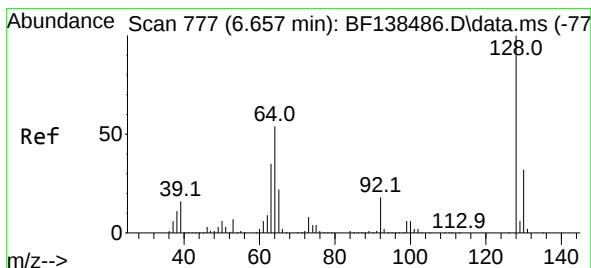
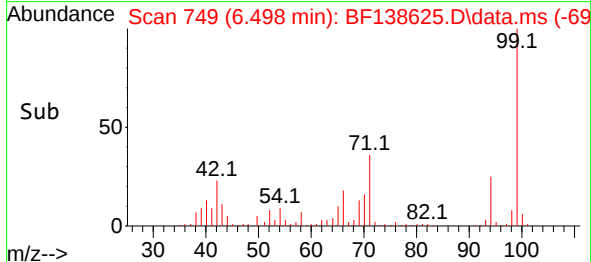
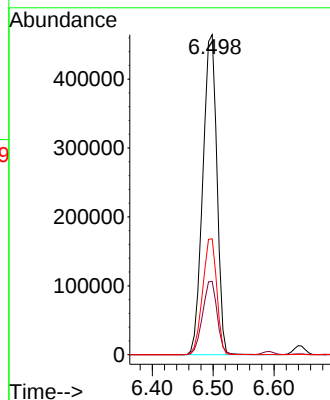
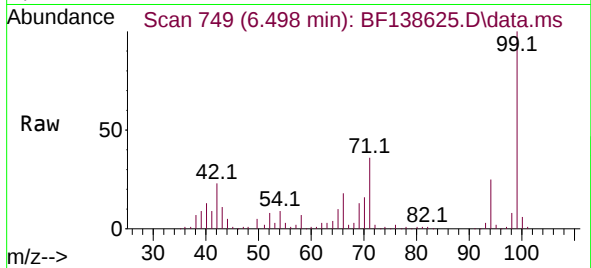




#7
Phenol-d6
Concen: 112.591 ng
RT: 6.498 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

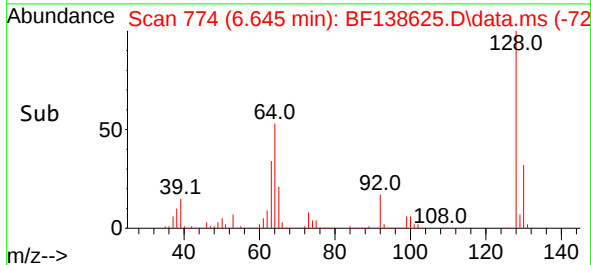
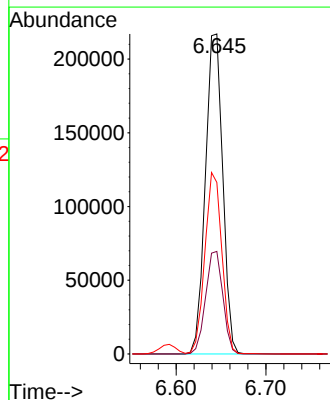
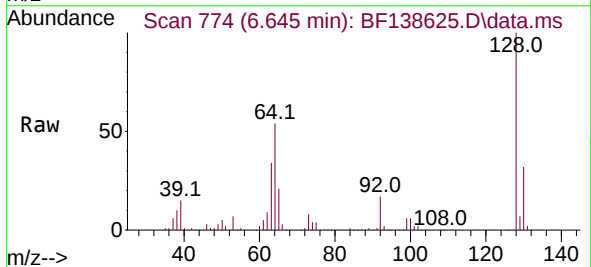
Instrument :
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Tgt Ion: 99 Resp: 745870
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 36.2 29.9 44.9



#8
2-Chlorophenol
Concen: 55.336 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:128 Resp: 291380
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 53.6 34.4 74.4





#9

Benzaldehyde

Concen: 7.014 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

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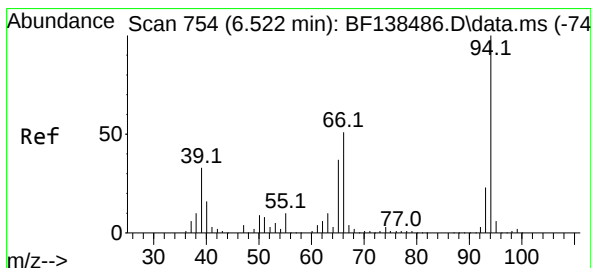
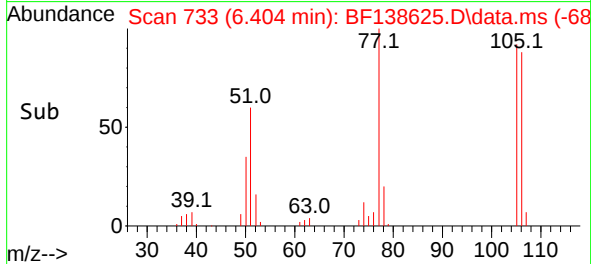
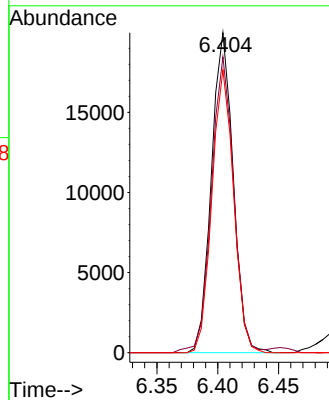
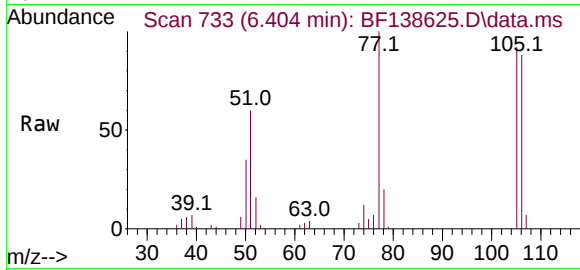
Tgt Ion: 77 Resp: 24871

Ion Ratio Lower Upper

77 100

105 92.5 75.1 115.1

106 88.3 73.2 113.2



#10

Phenol

Concen: 53.004 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

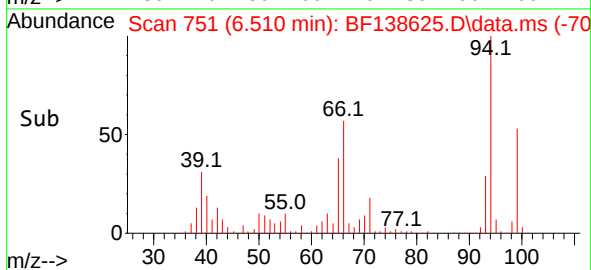
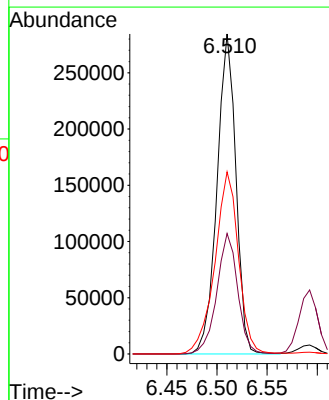
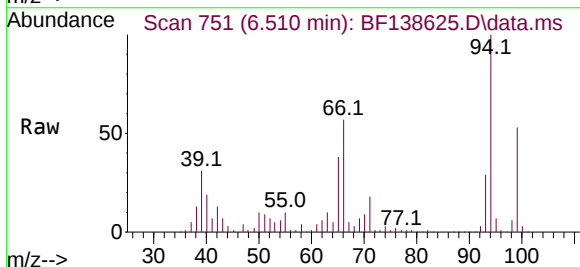
Tgt Ion: 94 Resp: 372705

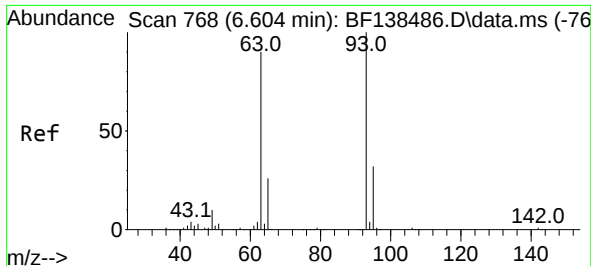
Ion Ratio Lower Upper

94 100

65 37.6 16.7 56.7

66 56.9 31.2 71.2

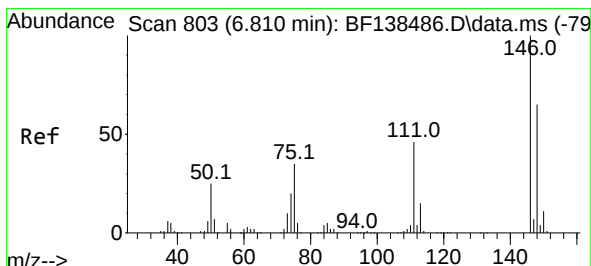
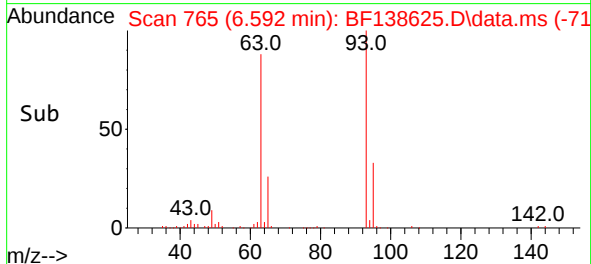
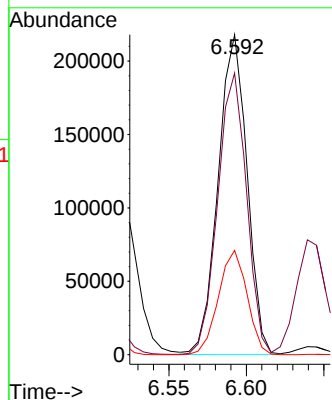
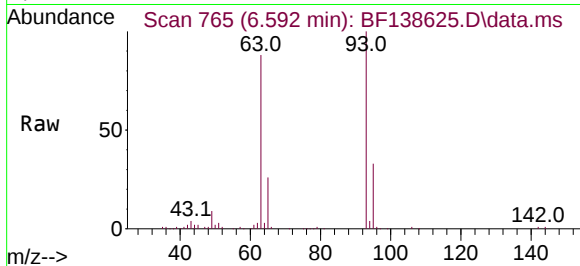




#11
bis(2-Chloroethyl)ether
Concen: 53.287 ng
RT: 6.592 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

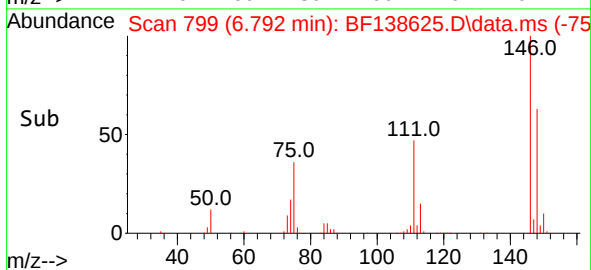
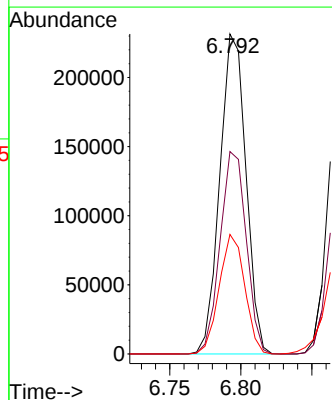
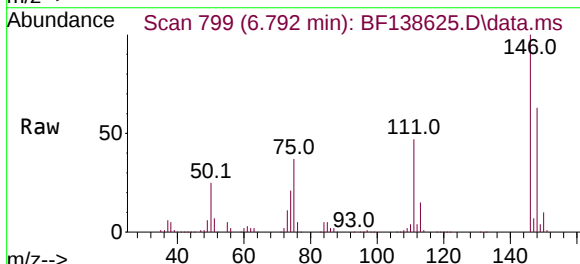
Instrument :
BNA_F
ClientSampleId :
285-290MS

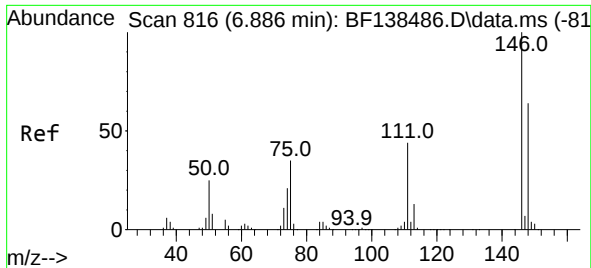
Tgt Ion: 93 Resp: 282111
Ion Ratio Lower Upper
93 100
63 88.0 68.8 108.8
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 49.971 ng
RT: 6.792 min Scan# 799
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:146 Resp: 295771
Ion Ratio Lower Upper
146 100
148 63.3 52.4 78.6
75 37.3 27.8 41.8

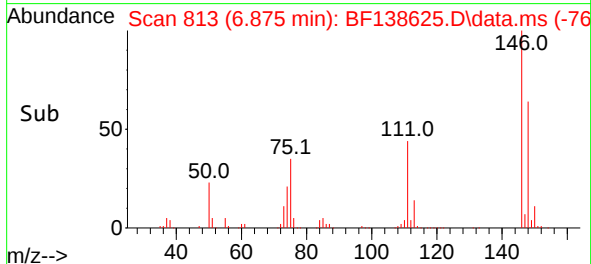
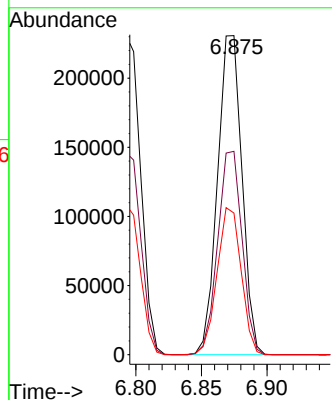
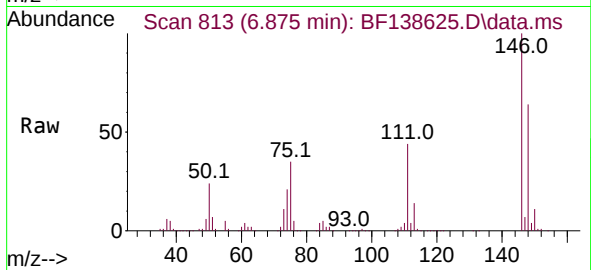




#13
1,4-Dichlorobenzene
Concen: 49.763 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

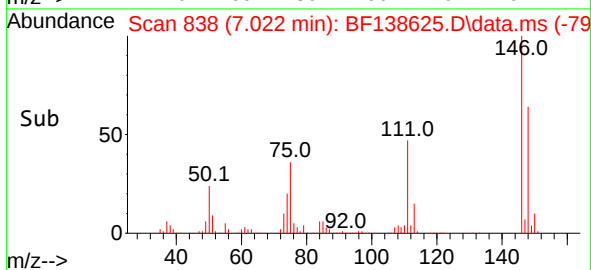
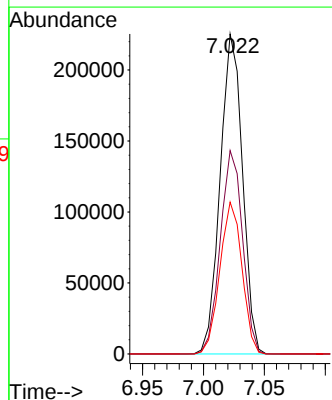
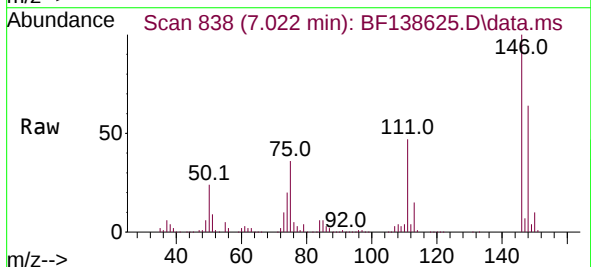
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:146 Resp: 299101
Ion Ratio Lower Upper
146 100
148 63.7 51.6 77.4
111 44.4 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 51.396 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:146 Resp: 287713
Ion Ratio Lower Upper
146 100
148 63.6 50.1 75.1
111 47.5 35.5 53.3





#15

Benzyl Alcohol

Concen: 56.144 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

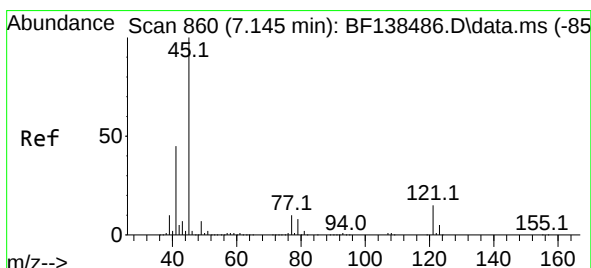
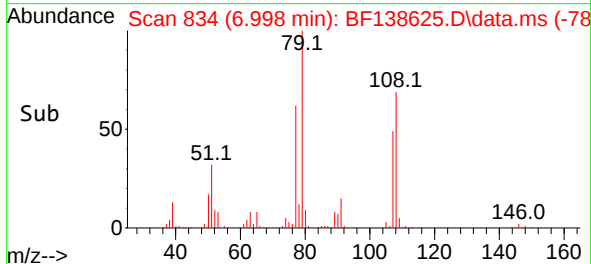
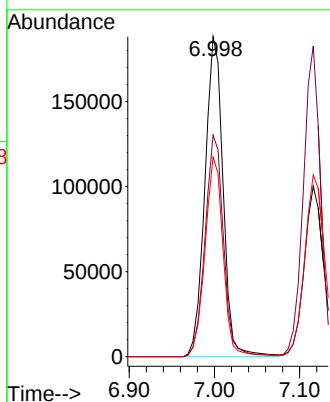
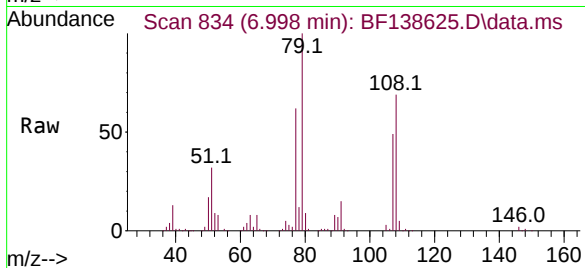
Tgt Ion: 79 Resp: 279125

Ion Ratio Lower Upper

79 100

108 69.2 54.3 81.5

77 62.4 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.334 ng

RT: 7.128 min Scan# 856

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

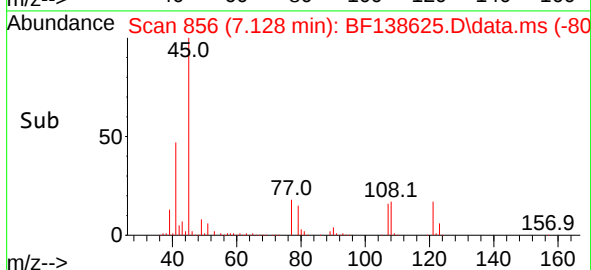
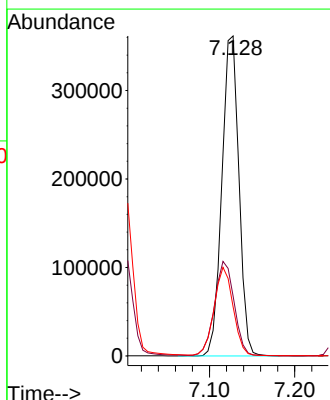
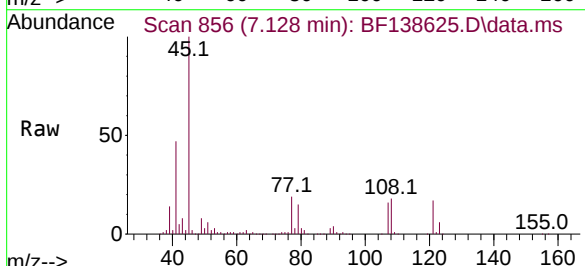
Tgt Ion: 45 Resp: 503209

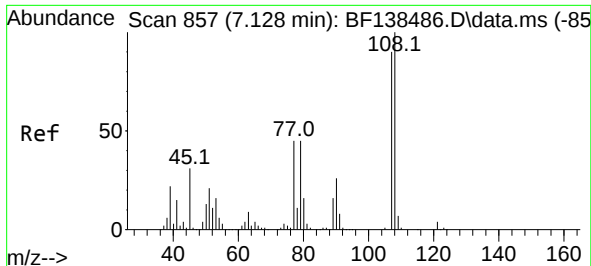
Ion Ratio Lower Upper

45 100

77 18.8 0.0 30.4

79 15.4 0.0 28.1

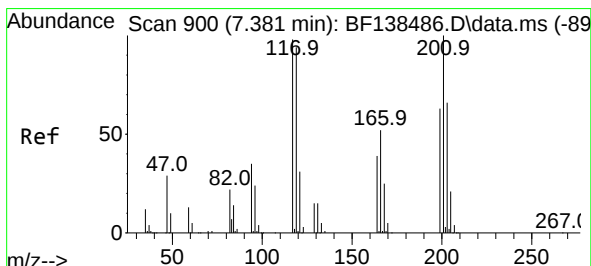
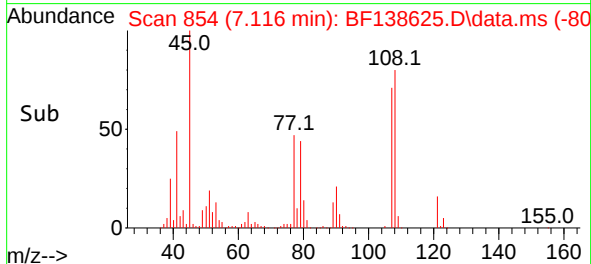
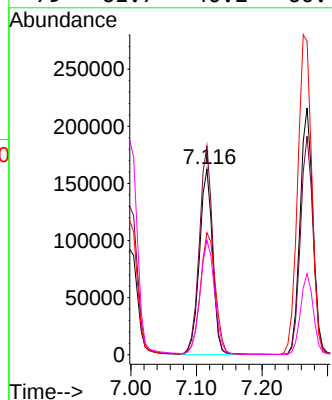
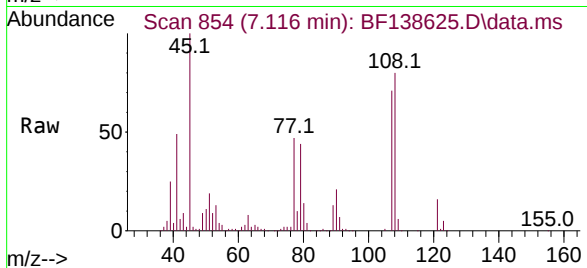




#17
2-Methylphenol
Concen: 52.589 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

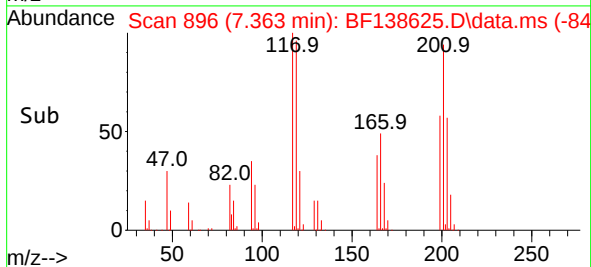
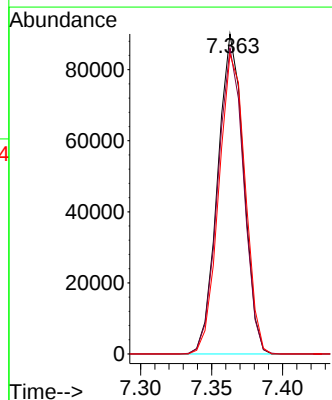
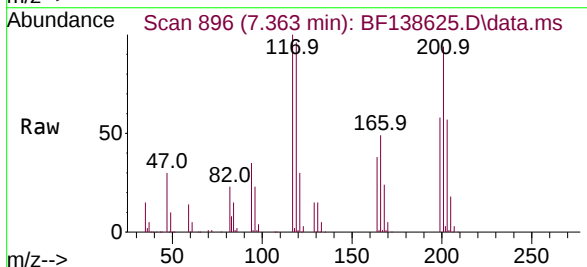
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:107 Resp: 226948
Ion Ratio Lower Upper
107 100
108 112.5 89.0 133.4
77 65.8 40.3 60.5#
79 61.7 40.2 60.4#



#18
Hexachloroethane
Concen: 51.670 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:117 Resp: 114170
Ion Ratio Lower Upper
117 100
119 95.5 76.6 114.8
201 93.6 81.4 122.0

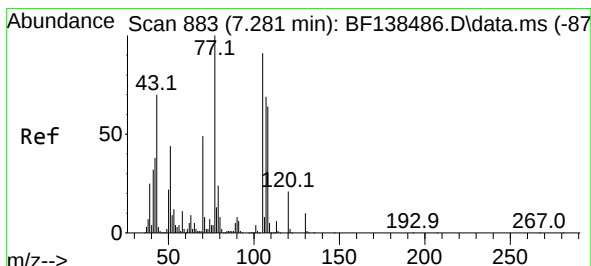
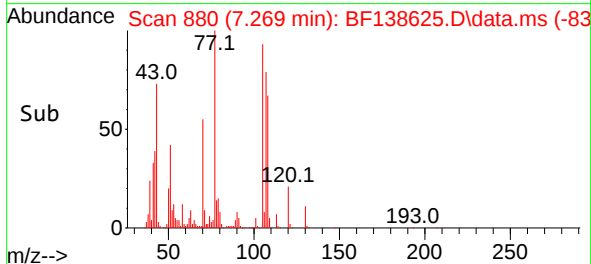
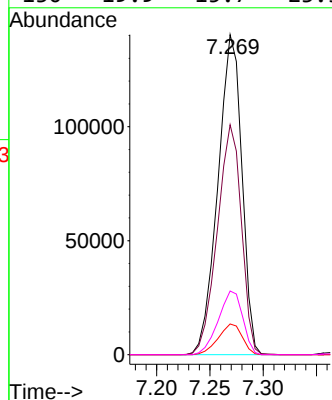
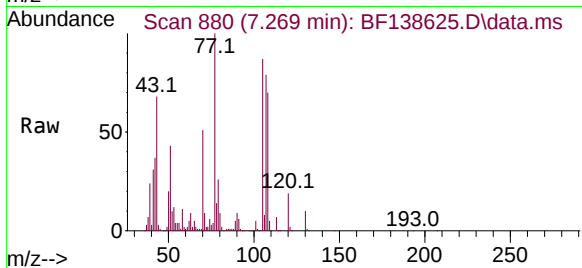




#19
n-Nitroso-di-n-propylamine
Concen: 53.512 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

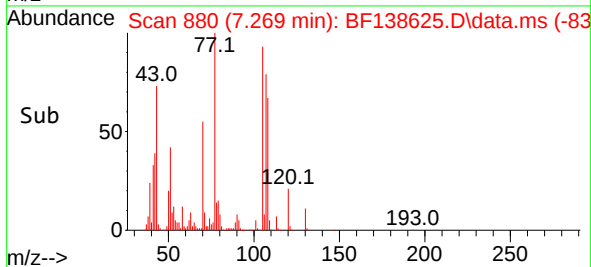
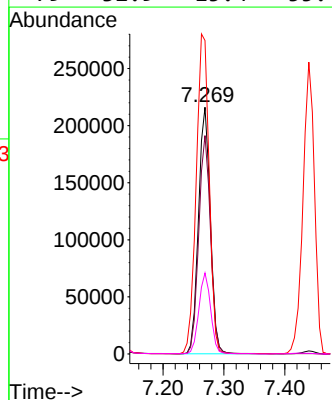
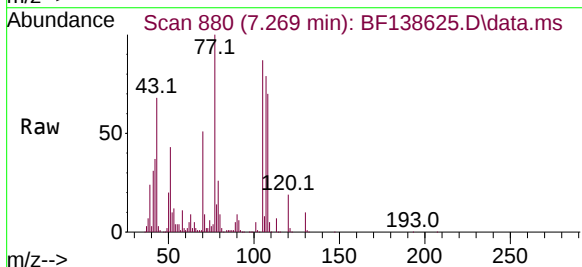
Instrument :
BNA_F
ClientSampleId :
285-290MS

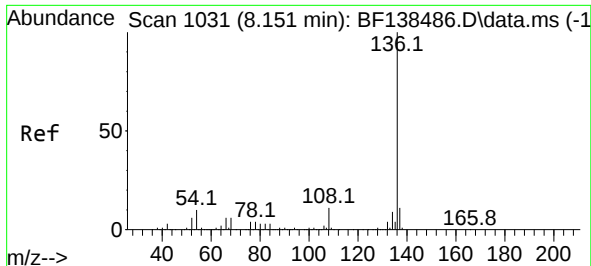
Tgt Ion: 70 Resp: 219044
Ion Ratio Lower Upper
70 100
42 71.9 62.4 93.6
101 9.6 7.2 10.8
130 19.9 15.7 23.5



#20
3+4-Methylphenols
Concen: 53.821 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:107 Resp: 292480
Ion Ratio Lower Upper
107 100
108 88.6 73.7 113.7
77 127.1 126.0 166.0
79 32.9 15.4 55.4

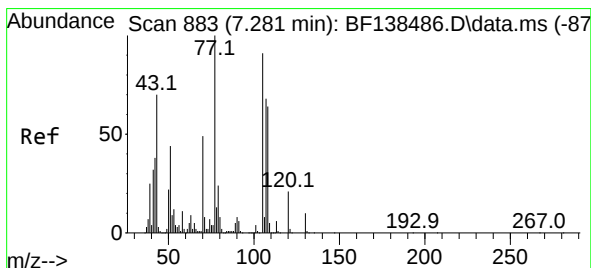
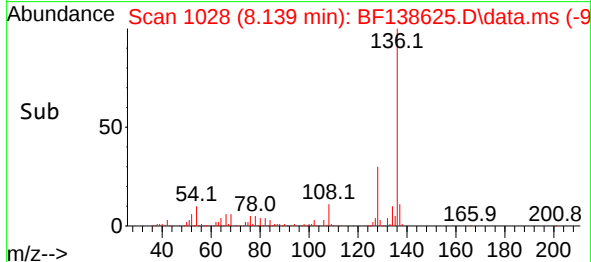
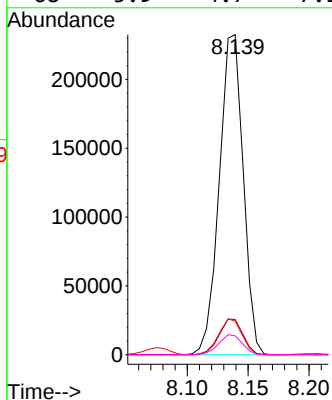
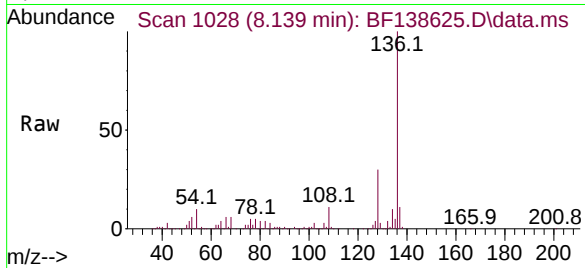




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

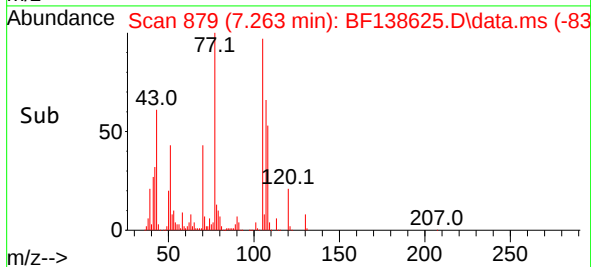
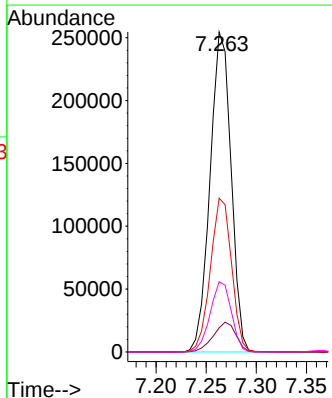
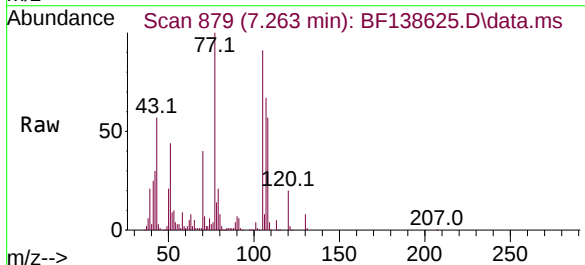
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:136 Resp: 318489
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.5 8.1 12.1
68 5.9 4.7 7.1



#22
Acetophenone
Concen: 48.023 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:105 Resp: 371471
Ion Ratio Lower Upper
105 100
71 7.5 7.4 11.2
51 48.1 38.7 58.1
120 22.0 18.2 27.2

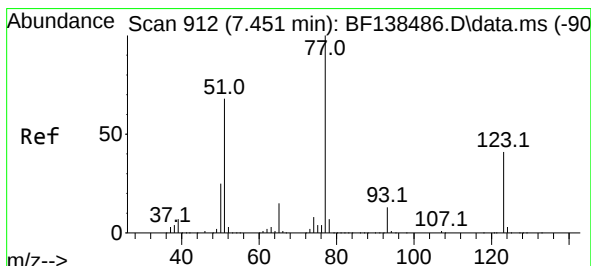
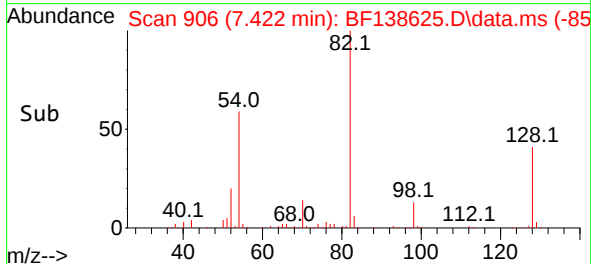
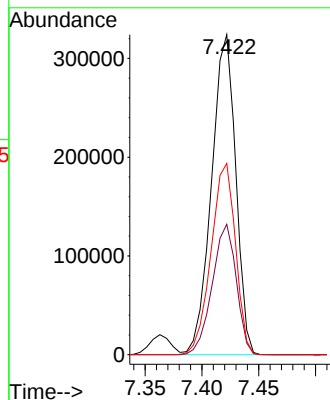
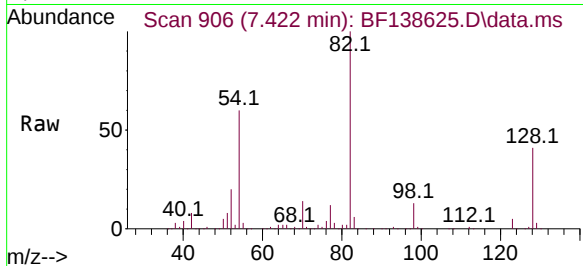




#23
Nitrobenzene-d5
Concen: 74.087 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

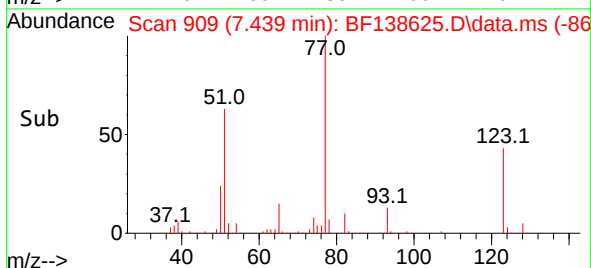
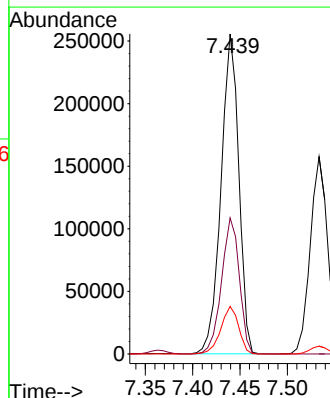
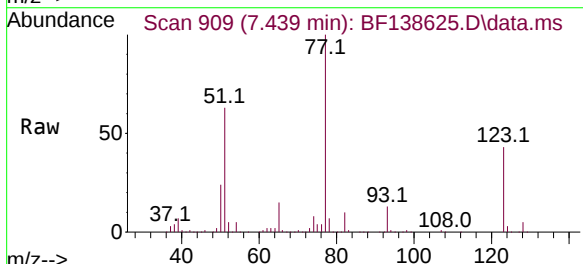
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion: 82 Resp: 480592
Ion Ratio Lower Upper
82 100
128 40.8 32.3 48.5
54 59.8 51.4 77.0



#24
Nitrobenzene
Concen: 50.648 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion: 77 Resp: 333877
Ion Ratio Lower Upper
77 100
123 42.5 32.4 48.6
65 14.9 11.8 17.8

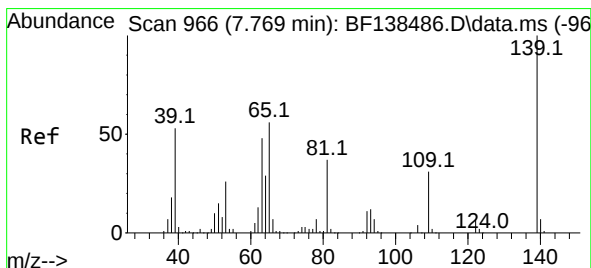
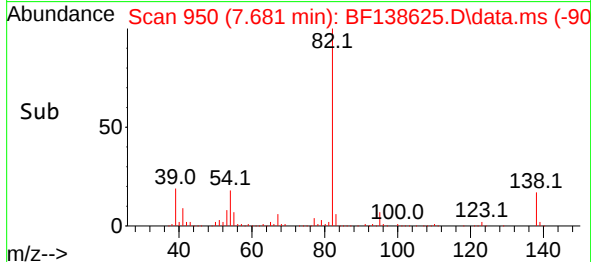
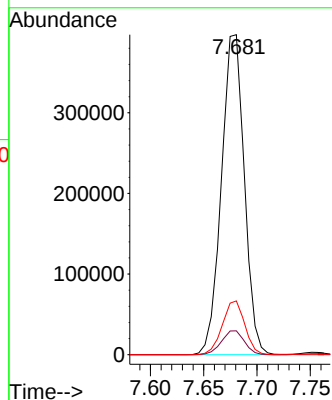
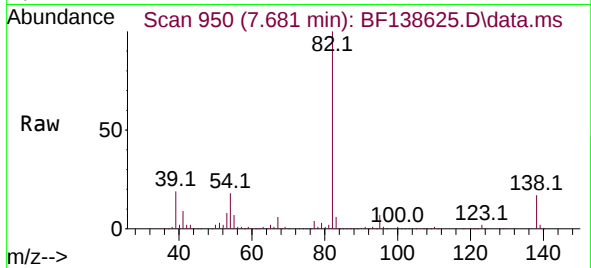




#25
Isophorone
Concen: 53.307 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

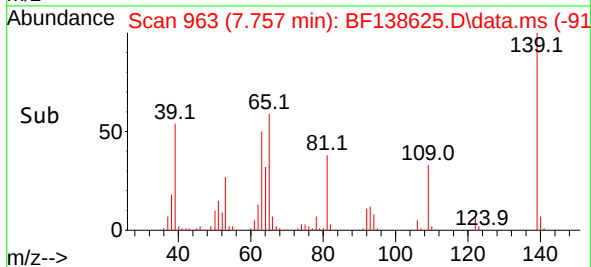
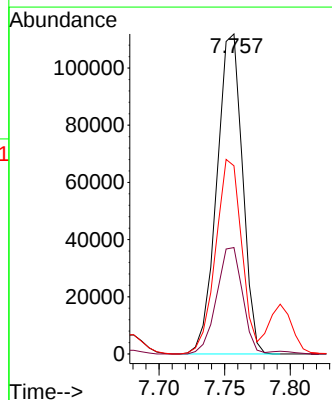
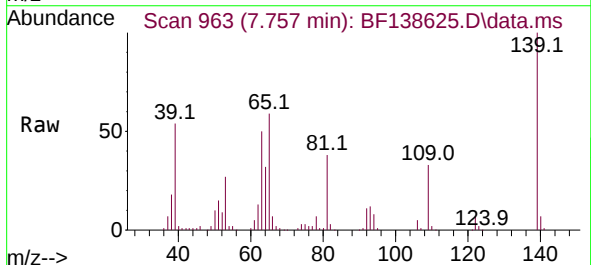
Instrument :
BNA_F
ClientSampleId :
285-290MS

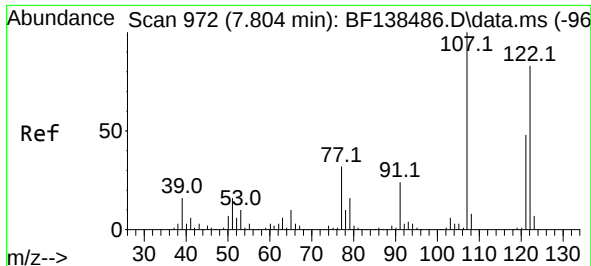
Tgt Ion: 82 Resp: 593834
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.8 12.8 19.2



#26
2-Nitrophenol
Concen: 53.947 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:139 Resp: 152419
Ion Ratio Lower Upper
139 100
109 33.2 24.8 37.2
65 58.8 45.1 67.7

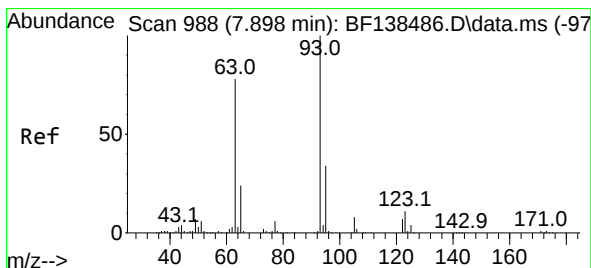
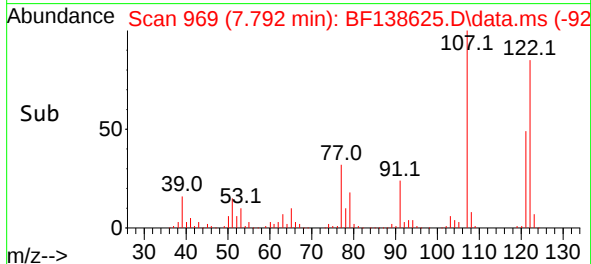
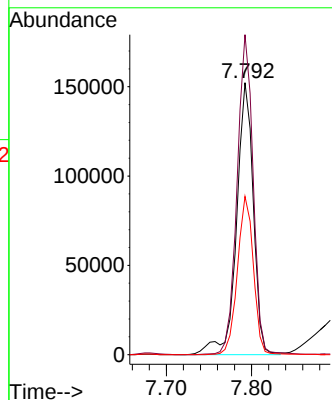
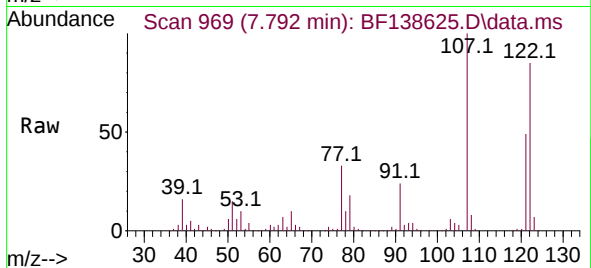




#27
2,4-Dimethylphenol
Concen: 60.016 ng
RT: 7.792 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

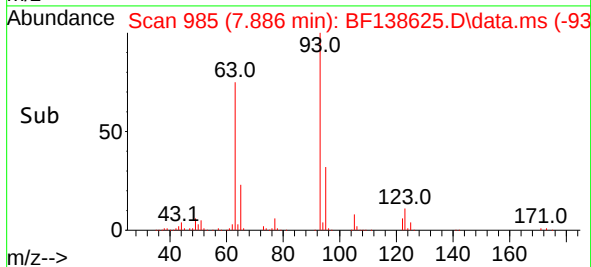
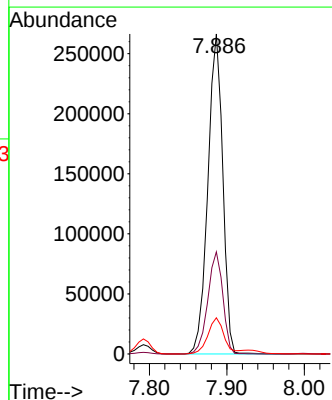
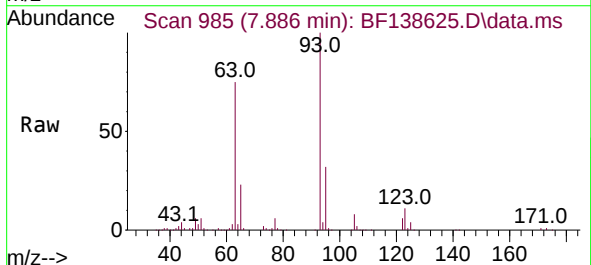
Instrument :
BNA_F
ClientSampleId :
285-290MS

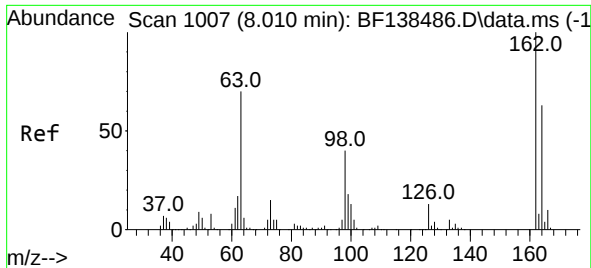
Tgt Ion:122 Resp: 208406
Ion Ratio Lower Upper
122 100
107 117.7 96.3 144.5
121 58.2 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 53.344 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion: 93 Resp: 355142
Ion Ratio Lower Upper
93 100
95 31.9 27.0 40.6
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.747 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

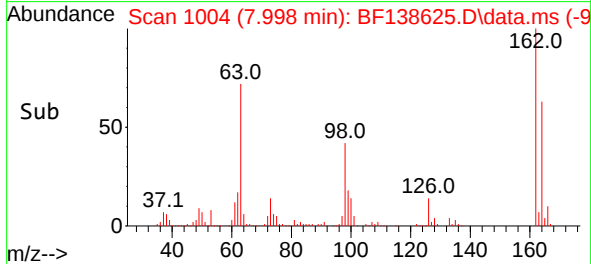
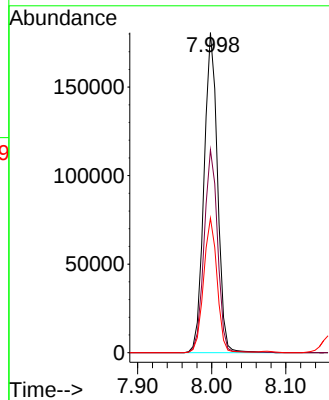
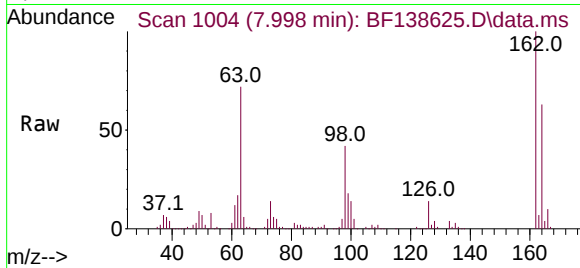
Tgt Ion:162 Resp: 228838

Ion Ratio Lower Upper

162 100

164 63.4 42.6 82.6

98 42.1 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 47.561 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

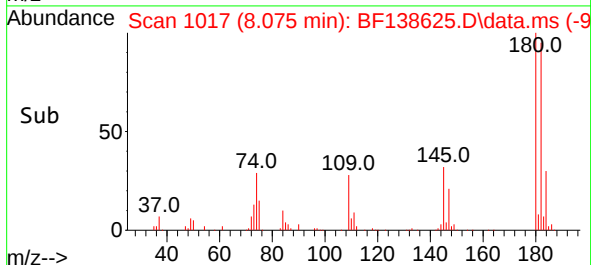
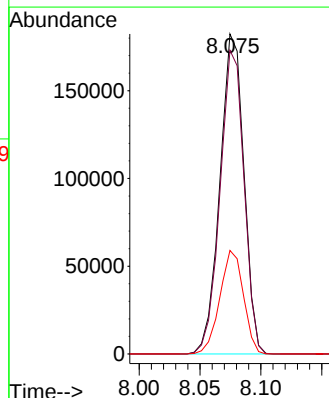
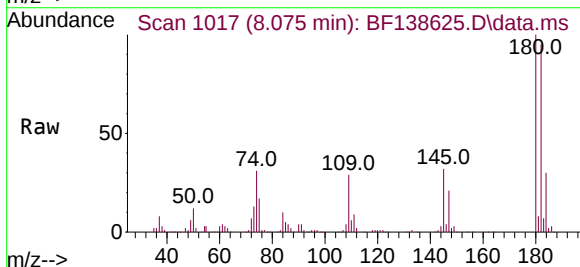
Tgt Ion:180 Resp: 249848

Ion Ratio Lower Upper

180 100

182 94.9 76.9 115.3

145 32.4 23.9 35.9

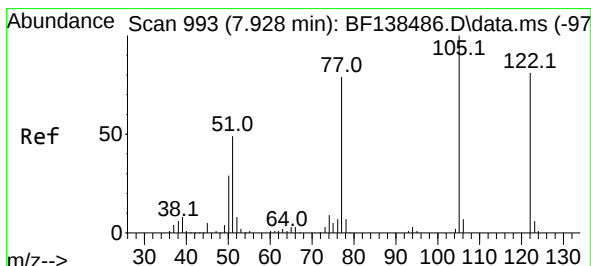
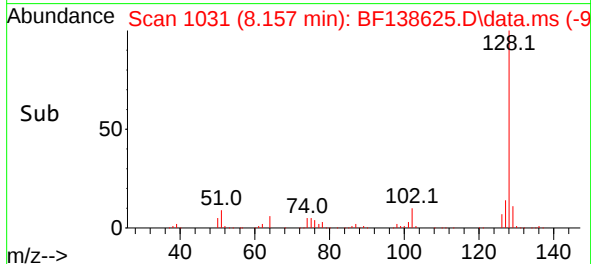
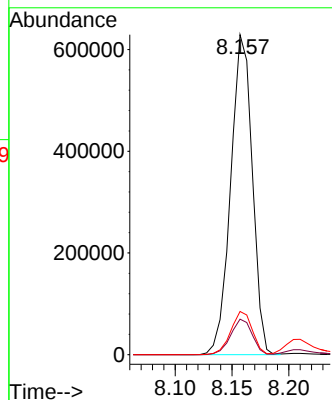
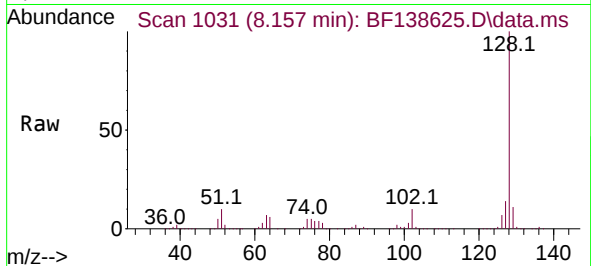




#31
Naphthalene
Concen: 50.250 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

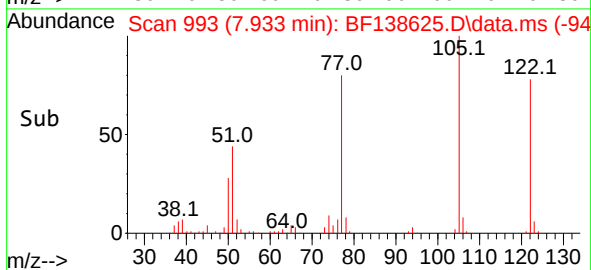
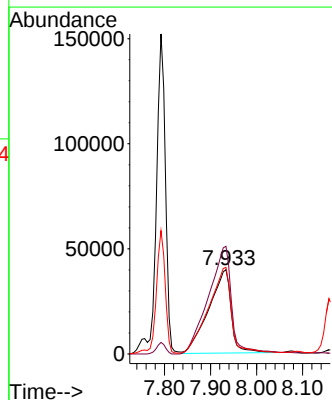
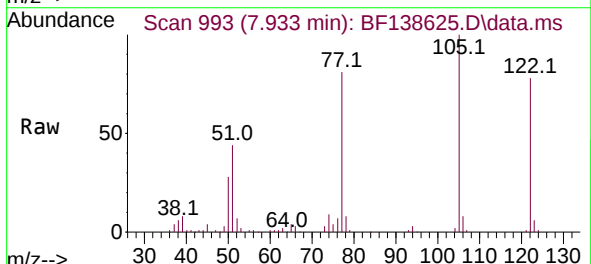
Instrument :
BNA_F
ClientSampleId :
285-290MS

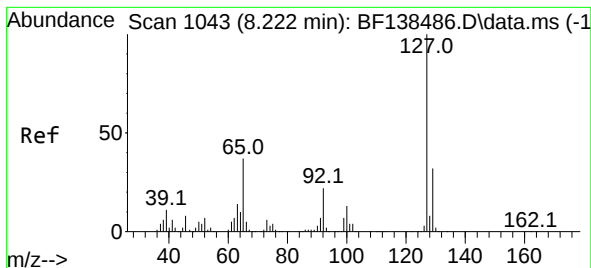
Tgt Ion:128 Resp: 832334
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 40.779 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:122 Resp: 135060
Ion Ratio Lower Upper
122 100
105 127.6 101.5 141.5
77 102.7 77.3 117.3





#33

4-Chloroaniline

Concen: 10.704 ng

RT: 8.210 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

Tgt Ion:127 Resp: 62210

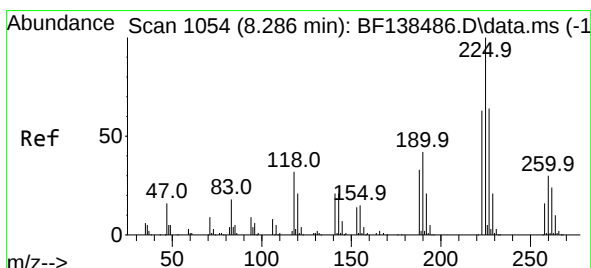
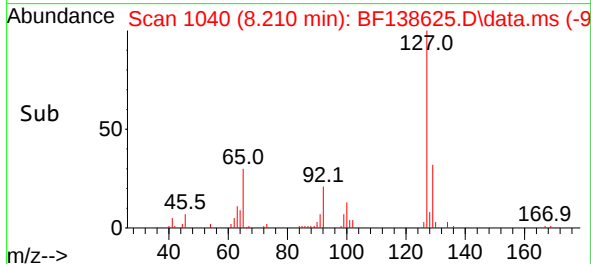
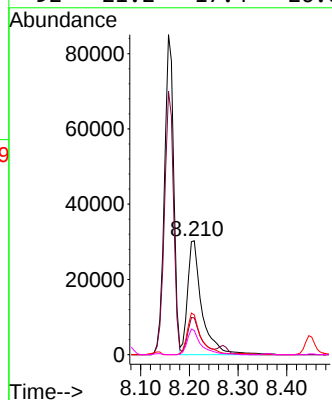
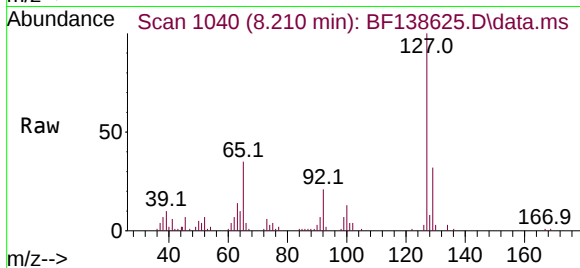
Ion Ratio Lower Upper

127 100

129 32.3 25.6 38.4

65 35.0 29.6 44.4

92 21.2 17.4 26.0



#34

Hexachlorobutadiene

Concen: 45.158 ng

RT: 8.269 min Scan# 1050

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

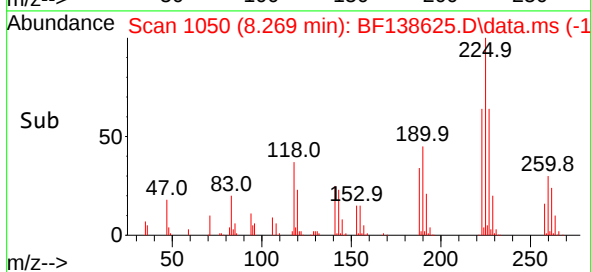
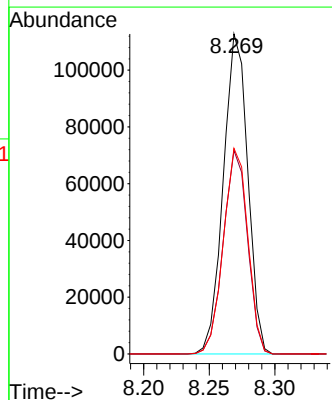
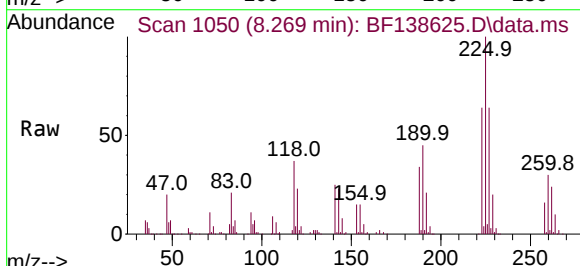
Tgt Ion:225 Resp: 146079

Ion Ratio Lower Upper

225 100

223 63.6 50.0 75.0

227 64.3 51.0 76.6

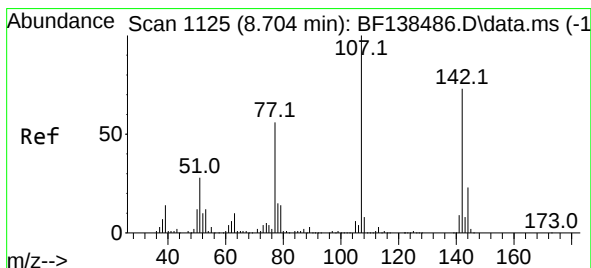
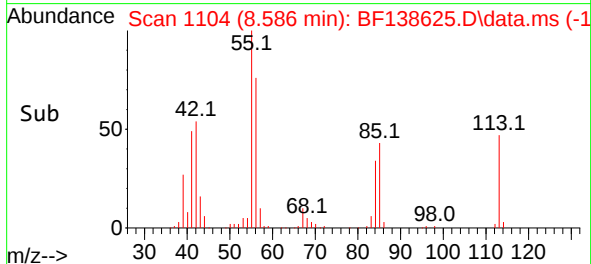
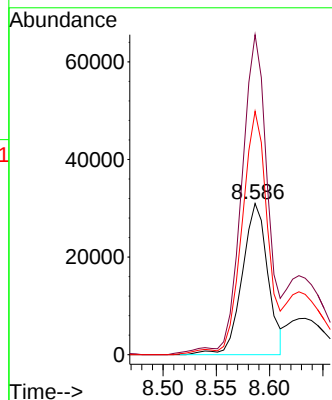
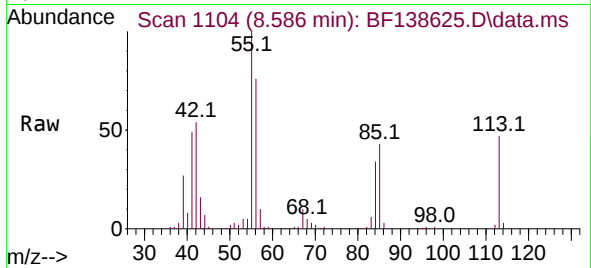




#35
 Caprolactam
 Concen: 35.704 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.012 min
 Lab File: BF138625.D
 Acq: 23 Jul 2024 18:35

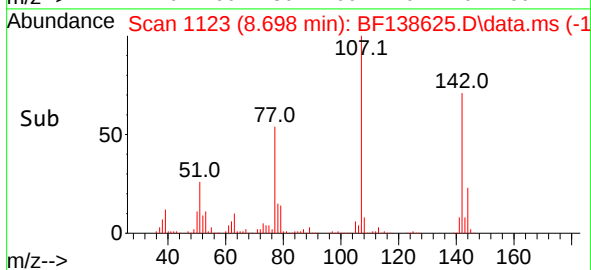
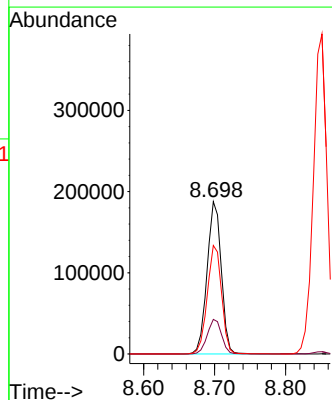
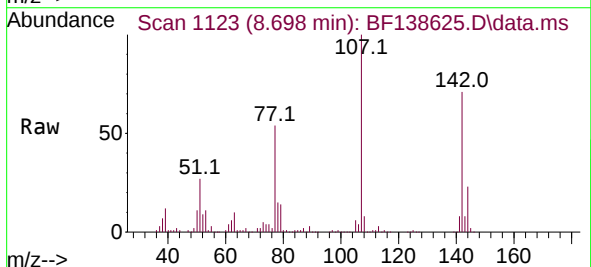
Instrument :
 BNA_F
 ClientSampleId :
 285-290MS

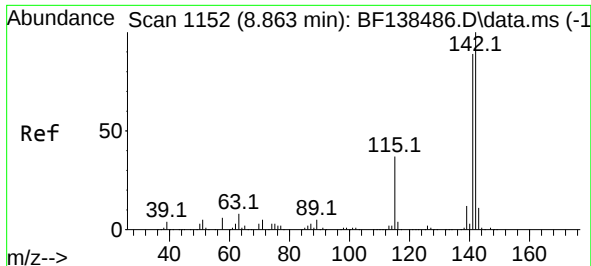
Tgt Ion:113 Resp: 51953
 Ion Ratio Lower Upper
 113 100
 55 211.7 192.5 232.5
 56 161.0 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 51.845 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF138625.D
 Acq: 23 Jul 2024 18:35

Tgt Ion:107 Resp: 261735
 Ion Ratio Lower Upper
 107 100
 144 22.7 18.6 27.8
 142 71.3 58.6 88.0





#37

2-Methylnaphthalene

Concen: 48.819 ng

RT: 8.851 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

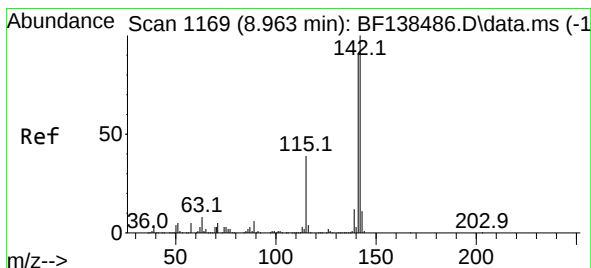
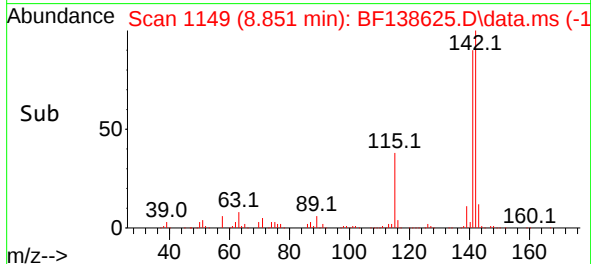
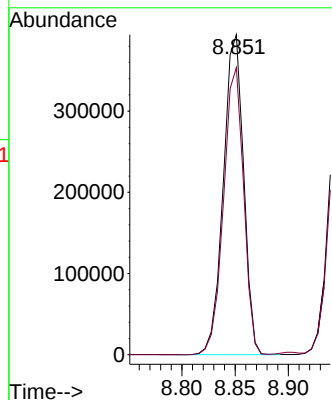
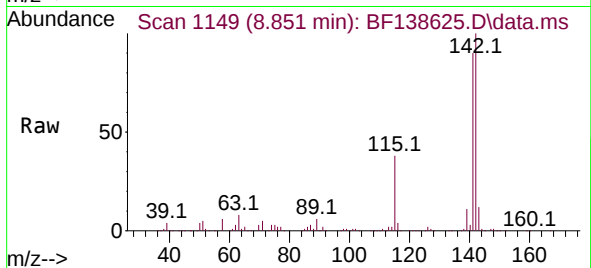
285-290MS

Tgt Ion:142 Resp: 520376

Ion Ratio Lower Upper

142 100

141 89.7 71.4 107.0



#38

1-Methylnaphthalene

Concen: 46.328 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF138625.D

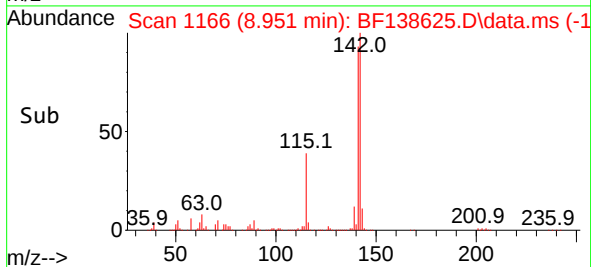
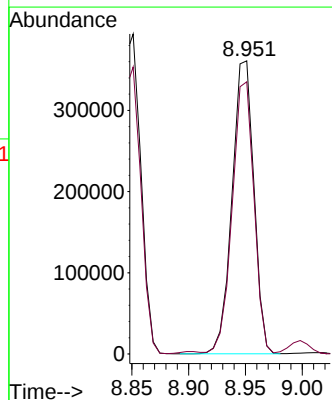
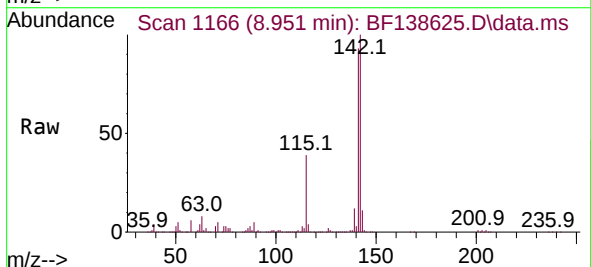
Acq: 23 Jul 2024 18:35

Tgt Ion:142 Resp: 481950

Ion Ratio Lower Upper

142 100

141 92.9 72.6 108.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

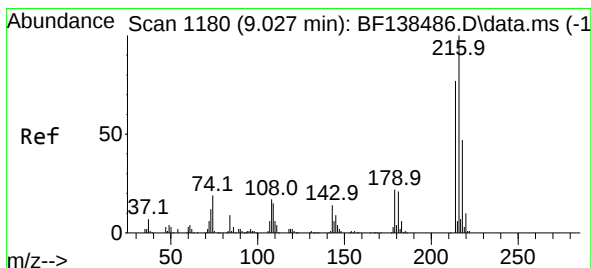
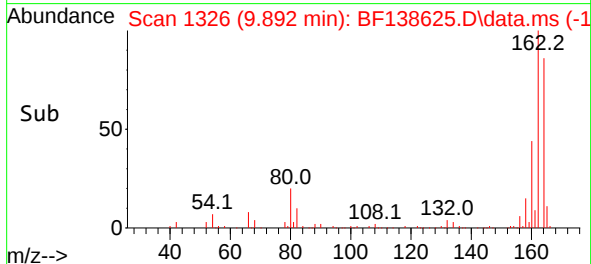
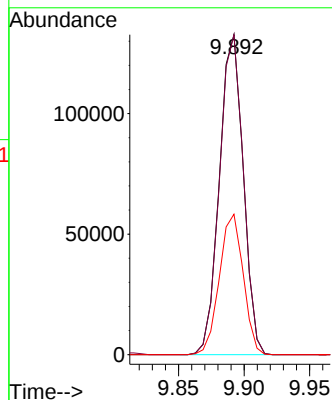
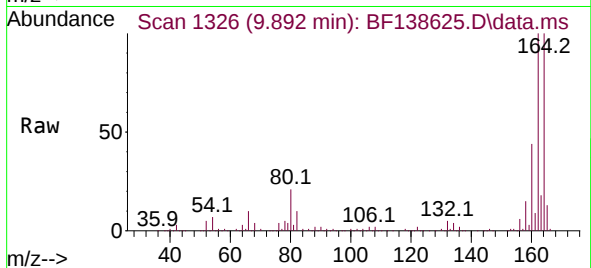
Tgt Ion:164 Resp: 167760

Ion Ratio Lower Upper

164 100

162 100.0 79.0 118.6

160 43.9 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.953 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Tgt Ion:216 Resp: 219532

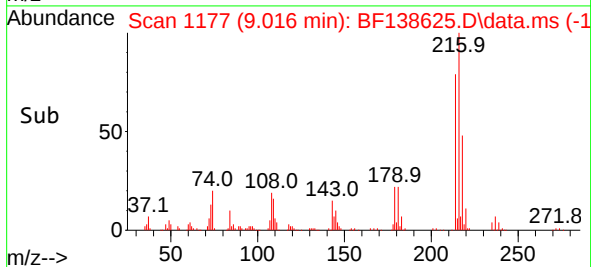
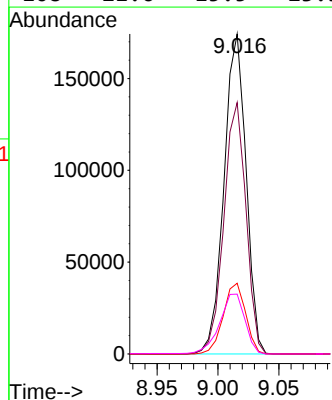
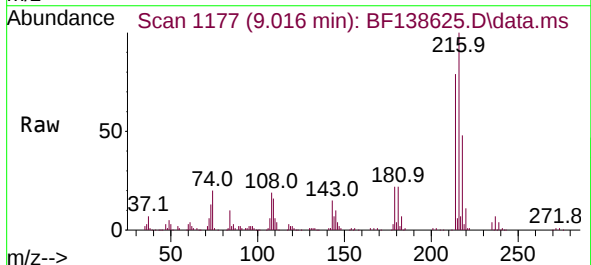
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 22.5 17.7 26.5

108 21.6 15.5 23.3

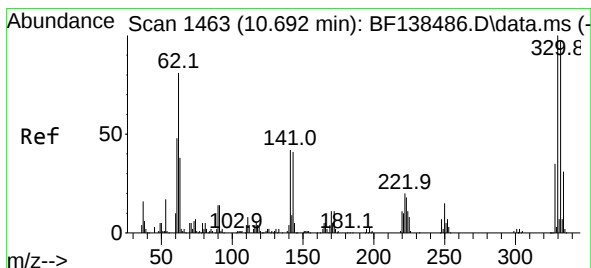
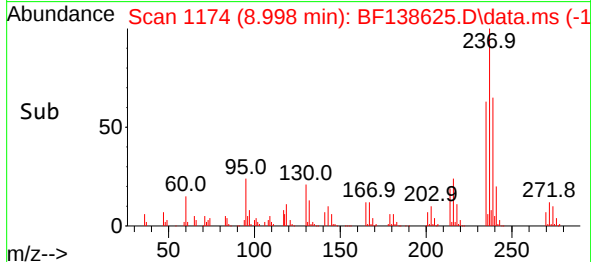
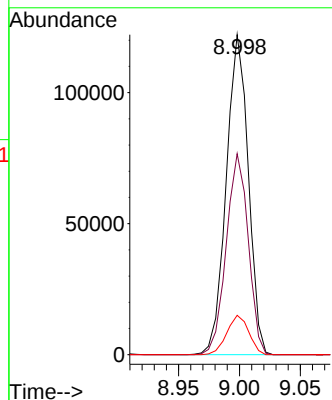
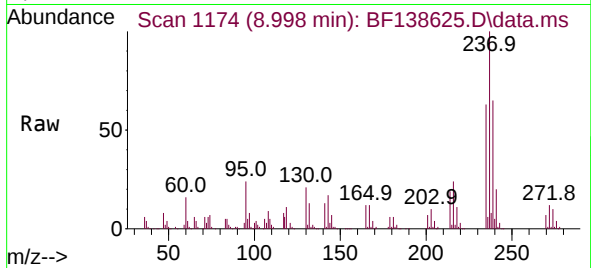




#41
Hexachlorocyclopentadiene
Concen: 101.410 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

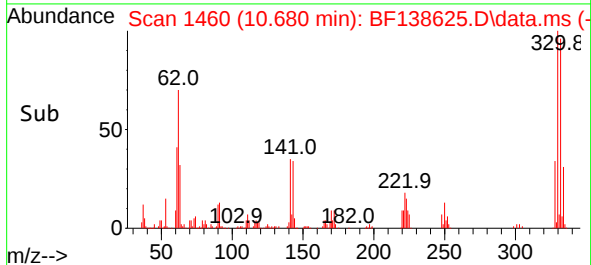
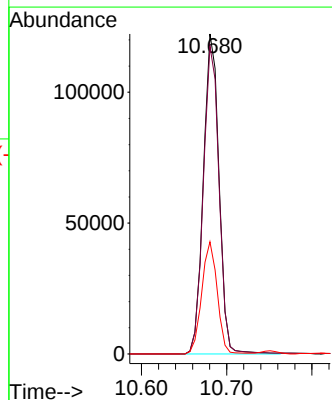
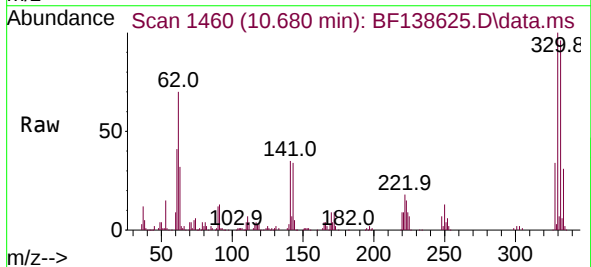
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:237 Resp: 153901
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 12.3 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 99.579 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:330 Resp: 156129
Ion Ratio Lower Upper
330 100
332 97.1 76.8 115.2
141 34.6 29.4 44.2





#43

2,4,6-Trichlorophenol

Concen: 50.080 ng

RT: 9.128 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138625.D

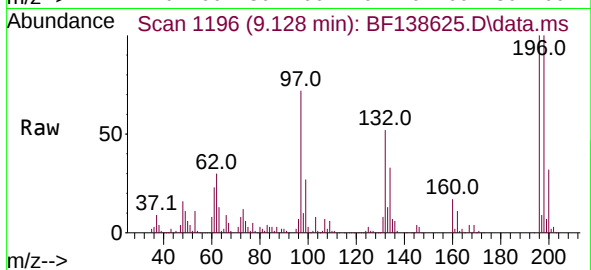
Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS



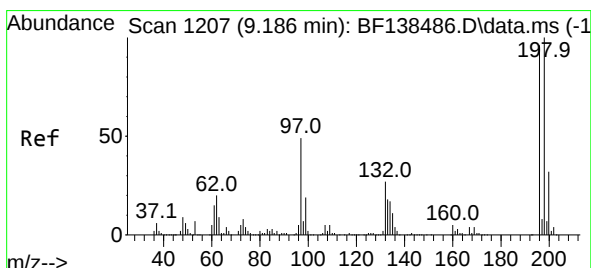
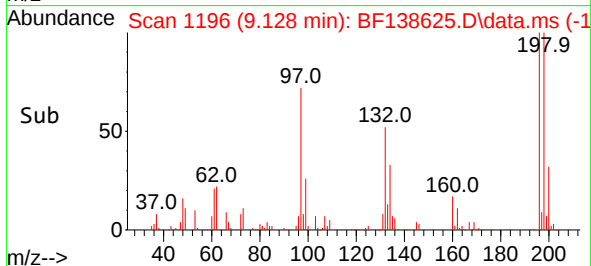
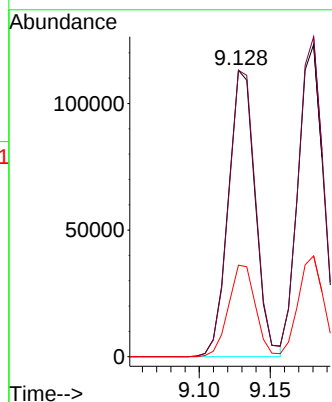
Tgt Ion:196 Resp: 149361

Ion Ratio Lower Upper

196 100

198 100.0 82.3 123.5

200 32.0 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 46.879 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Tgt Ion:196 Resp: 153779

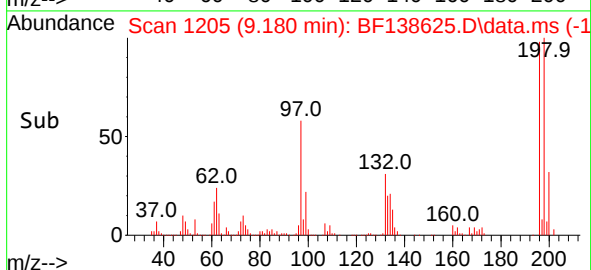
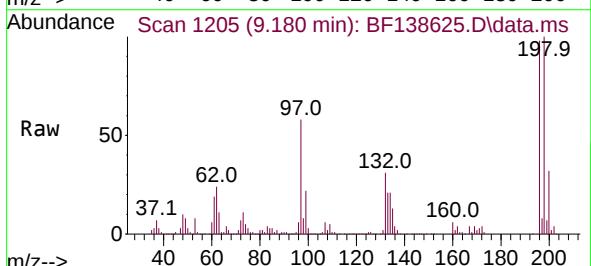
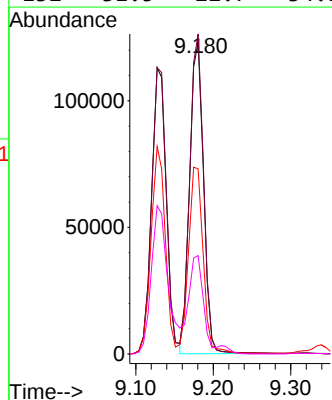
Ion Ratio Lower Upper

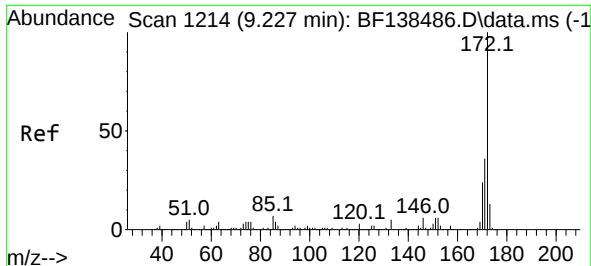
196 100

198 102.5 82.8 124.2

97 59.3 41.0 61.4

132 31.5 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 75.194 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

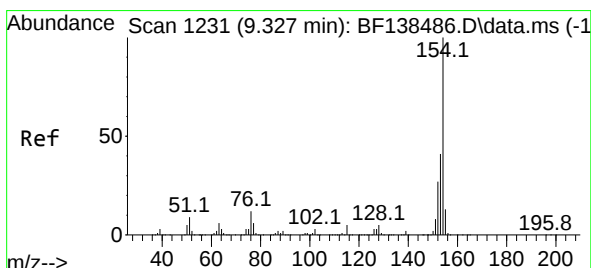
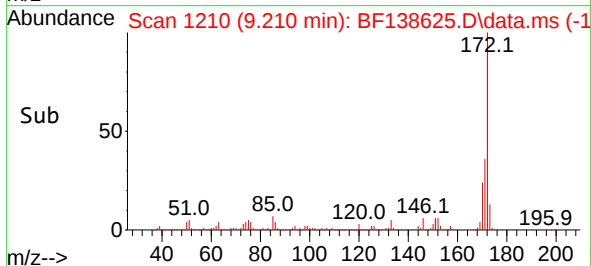
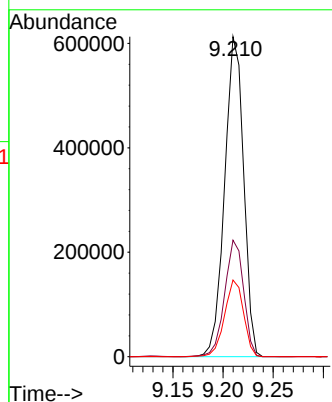
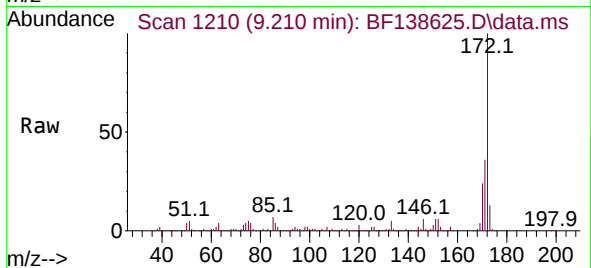
Tgt Ion:172 Resp: 807125

Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

170 23.9 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.344 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

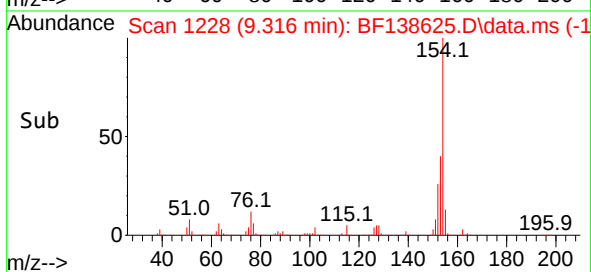
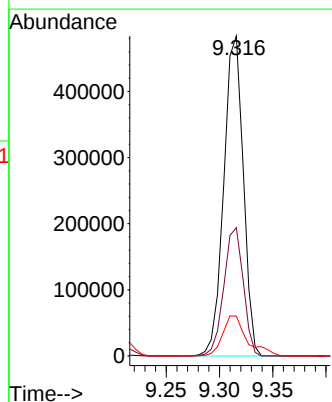
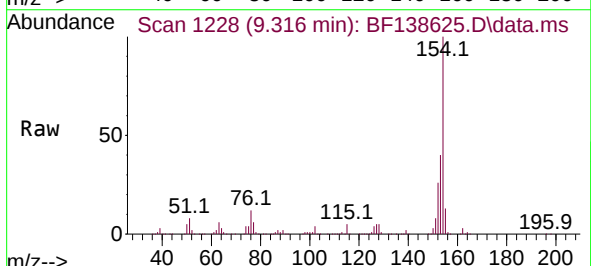
Tgt Ion:154 Resp: 614624

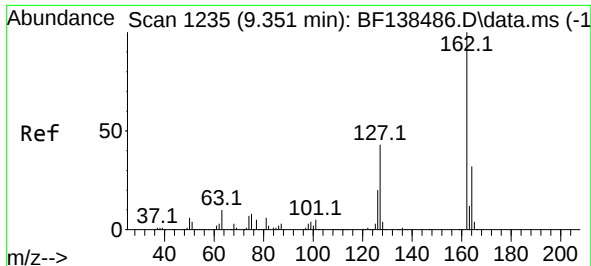
Ion Ratio Lower Upper

154 100

153 40.1 20.7 60.7

76 12.4 0.0 32.2

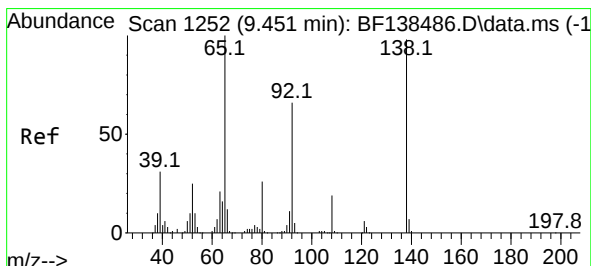
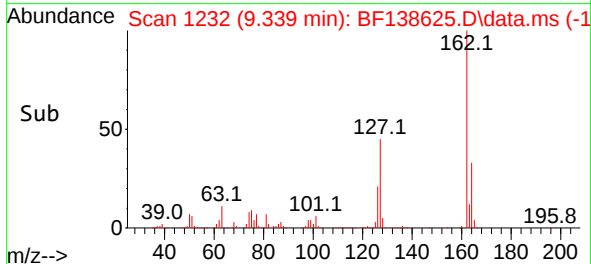
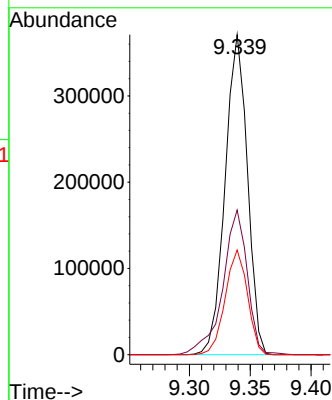
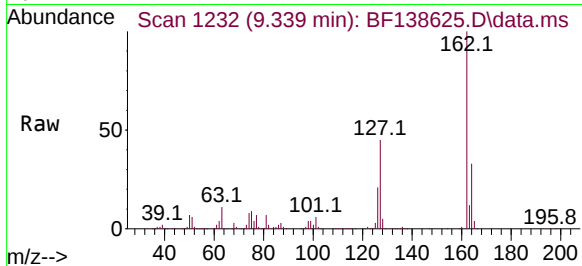




#47
2-Chloronaphthalene
Concen: 49.210 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

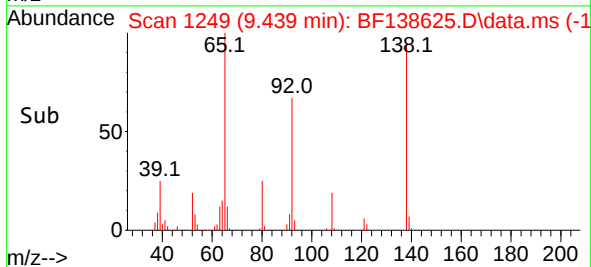
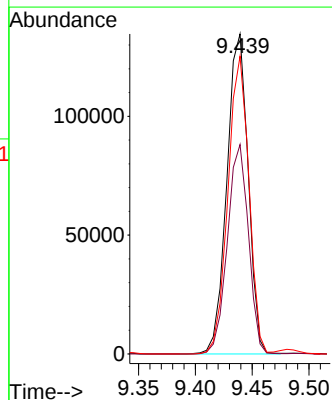
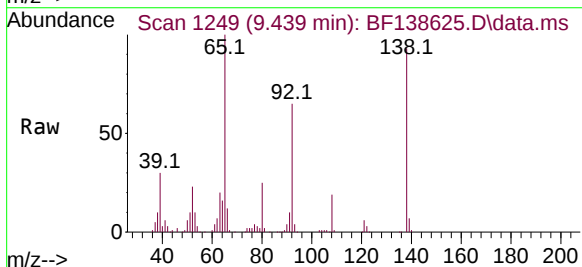
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:162 Resp: 472642
Ion Ratio Lower Upper
162 100
127 45.2 34.8 52.2
164 32.7 25.6 38.4



#48
2-Nitroaniline
Concen: 52.672 ng
RT: 9.439 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion: 65 Resp: 175308
Ion Ratio Lower Upper
65 100
92 65.5 52.6 78.8
138 93.1 78.6 118.0





#49

Acenaphthylene

Concen: 54.790 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

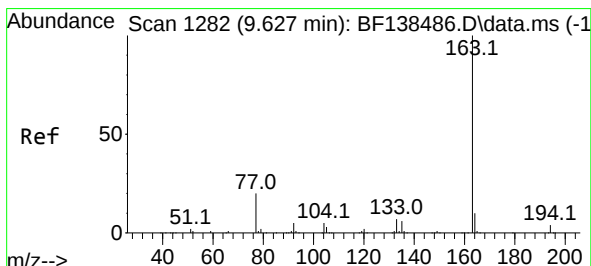
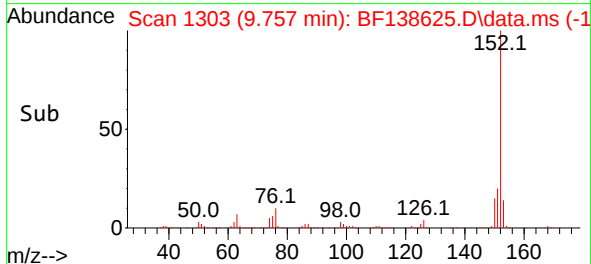
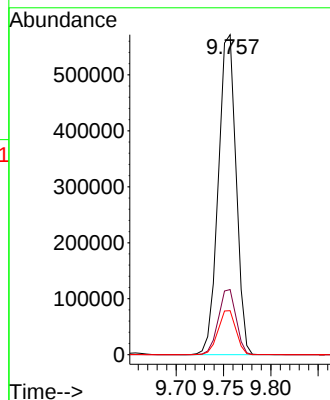
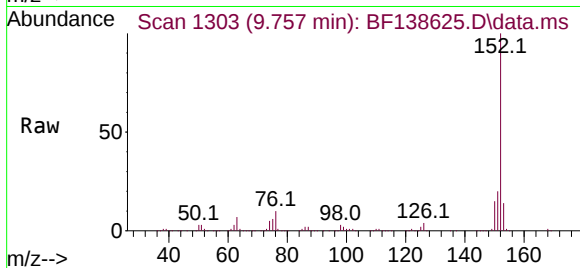
Tgt Ion:152 Resp: 747129

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.7 11.3 16.9



#50

Dimethylphthalate

Concen: 53.054 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

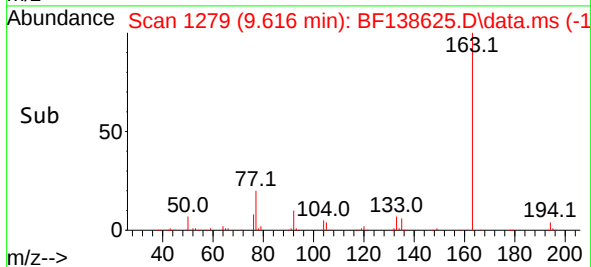
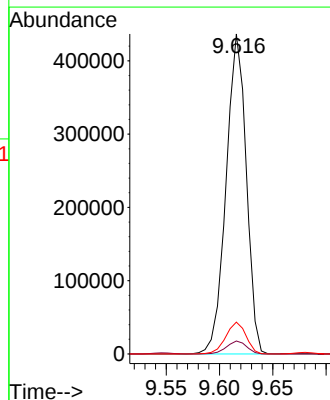
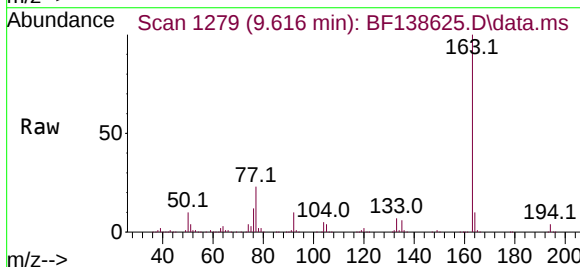
Tgt Ion:163 Resp: 575518

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 9.9 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 49.672 ng

RT: 9.680 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

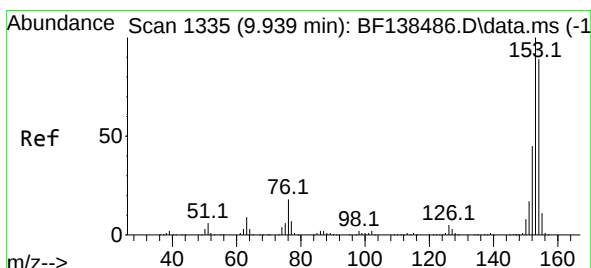
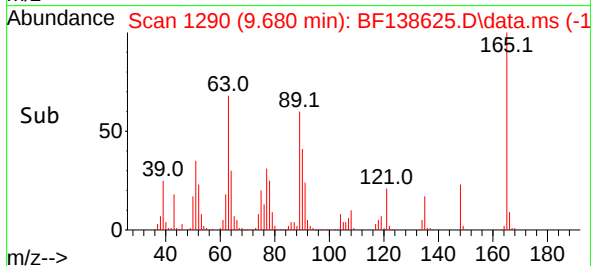
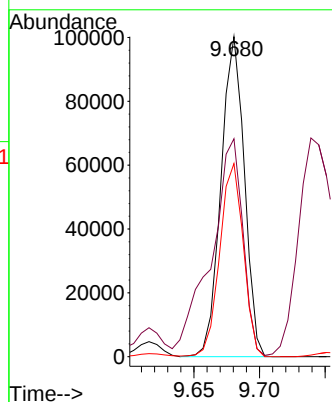
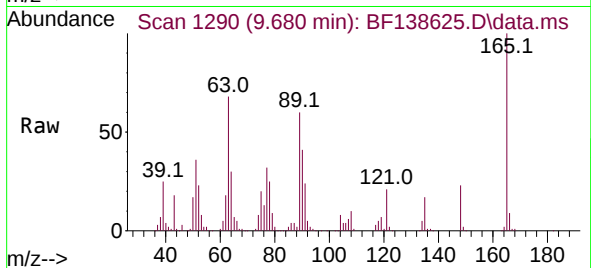
Tgt Ion:165 Resp: 124062

Ion Ratio Lower Upper

165 100

63 68.1 48.1 72.1

89 60.4 43.0 64.6



#52

Acenaphthene

Concen: 51.679 ng

RT: 9.927 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

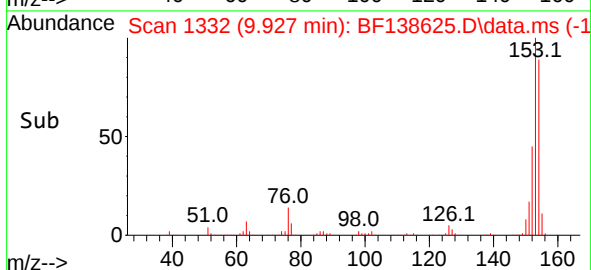
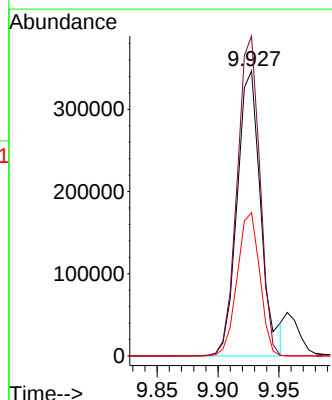
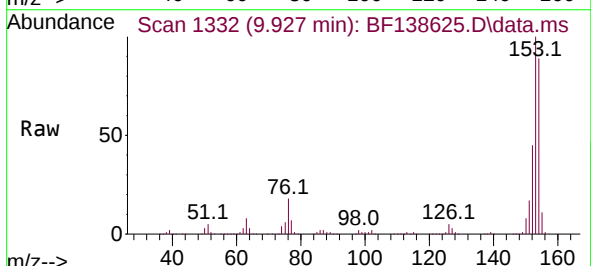
Tgt Ion:154 Resp: 468438

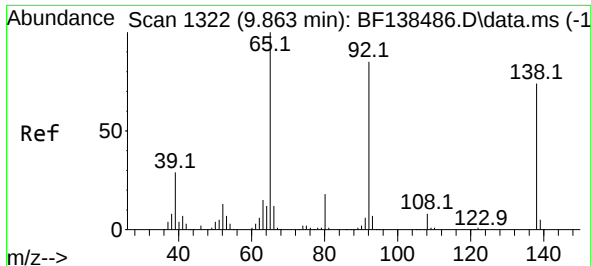
Ion Ratio Lower Upper

154 100

153 112.3 90.4 135.6

152 50.3 41.1 61.7

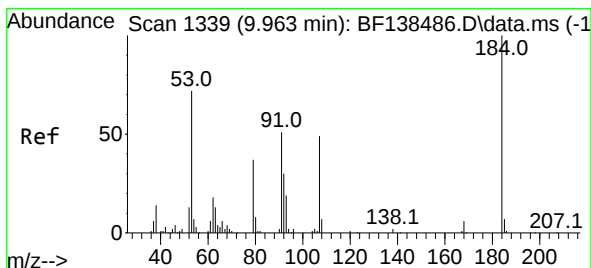
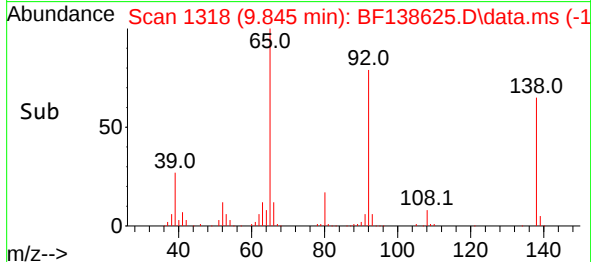
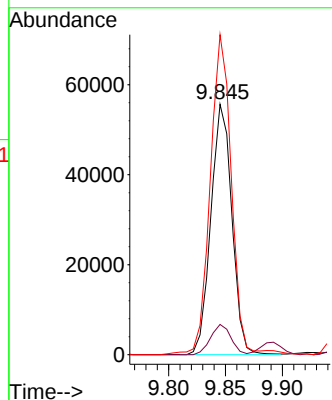
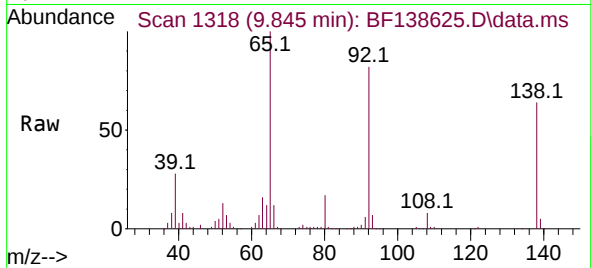




#53
3-Nitroaniline
Concen: 27.991 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

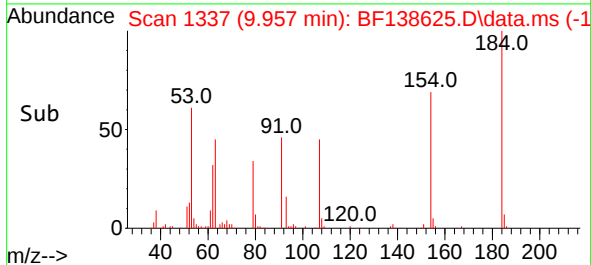
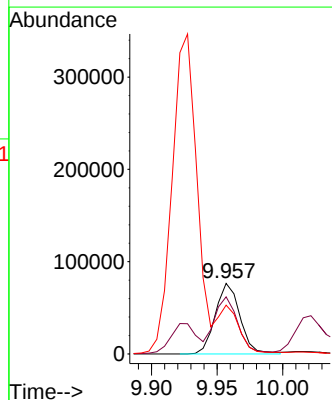
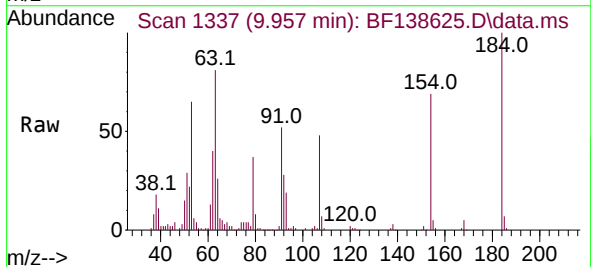
Instrument :
BNA_F
ClientSampleId :
285-290MS

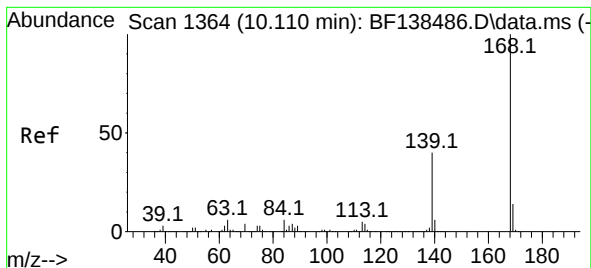
Tgt Ion:138 Resp: 71654
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 127.8 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 75.125 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:184 Resp: 100297
Ion Ratio Lower Upper
184 100
63 80.9 70.6 106.0
154 69.2 53.8 80.6





#55

Dibenzenofuran

Concen: 49.695 ng

RT: 10.098 min Scan# 1361

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

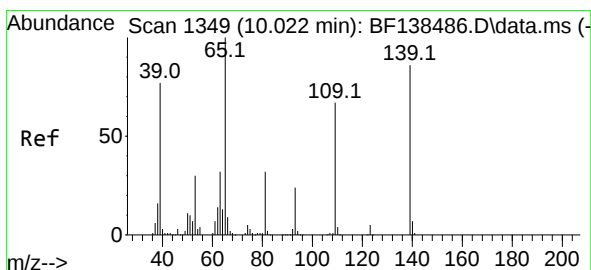
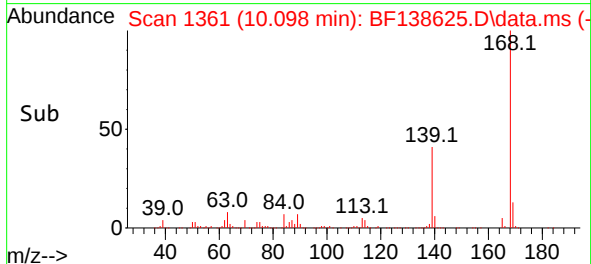
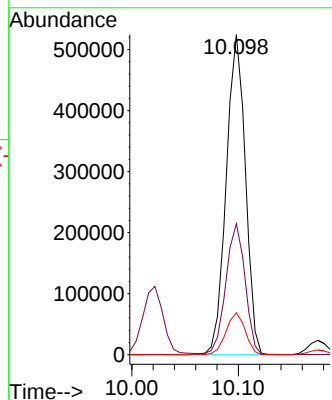
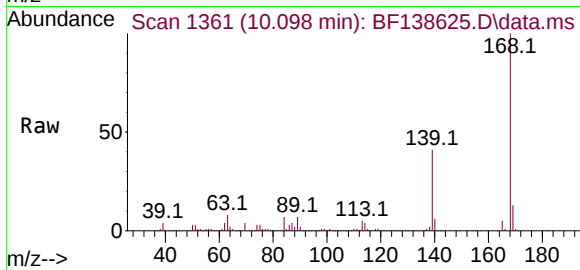
Tgt Ion:168 Resp: 653357

Ion Ratio Lower Upper

168 100

139 41.0 32.4 48.6

169 13.1 10.9 16.3



#56

4-Nitrophenol

Concen: 80.199 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.000 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

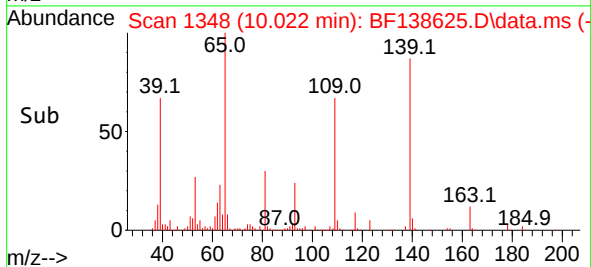
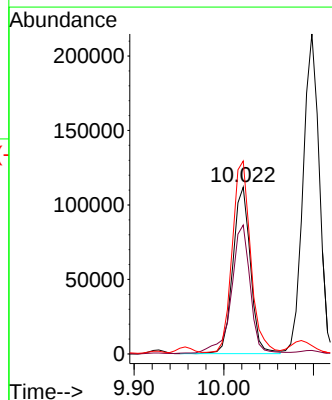
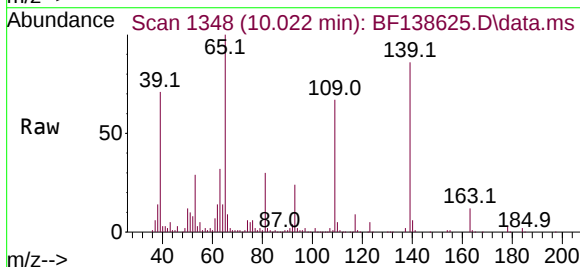
Tgt Ion:139 Resp: 151484

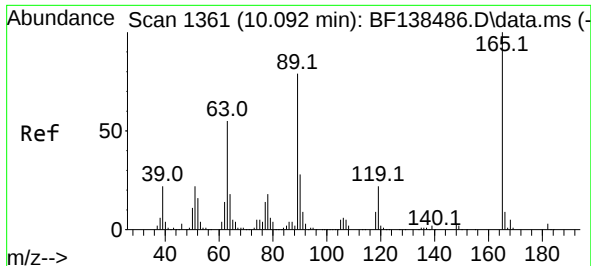
Ion Ratio Lower Upper

139 100

109 77.3 58.1 98.1

65 115.6 96.9 136.9

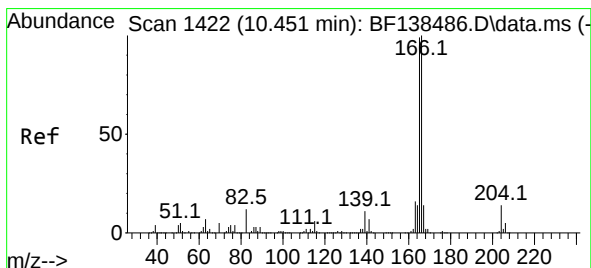
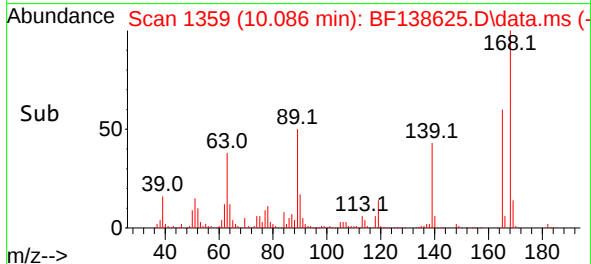
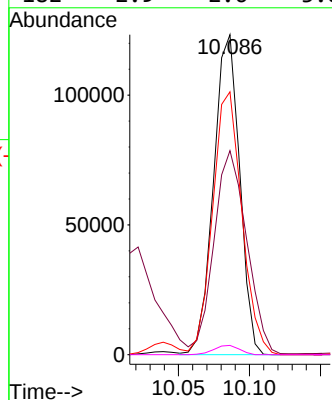
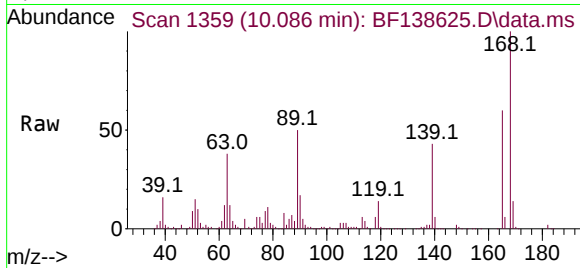




#57
2,4-Dinitrotoluene
Concen: 48.654 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

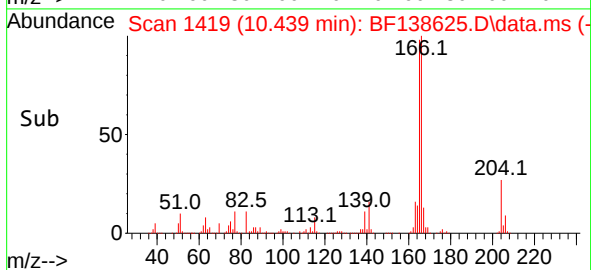
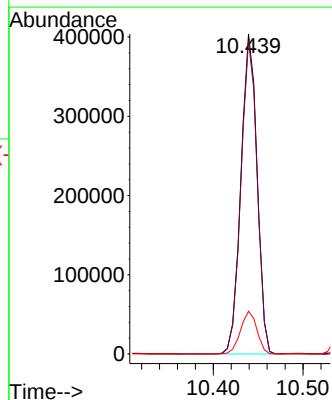
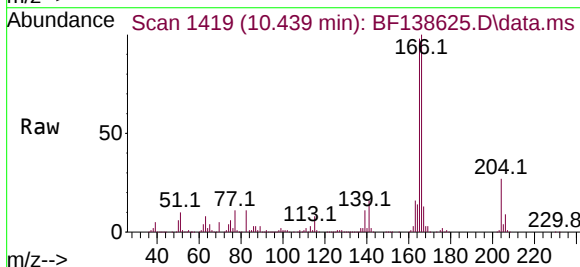
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:165 Resp: 157230
Ion Ratio Lower Upper
165 100
63 63.8 44.6 66.8
89 82.2 63.4 95.2
182 2.9 2.6 3.8



#58
Fluorene
Concen: 48.548 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:166 Resp: 505047
Ion Ratio Lower Upper
166 100
165 97.8 79.1 118.7
167 13.4 11.0 16.6

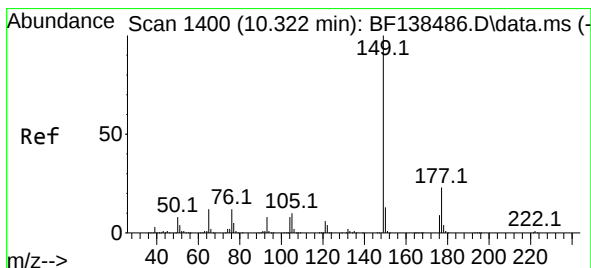
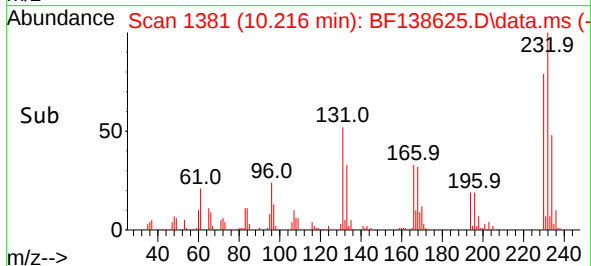
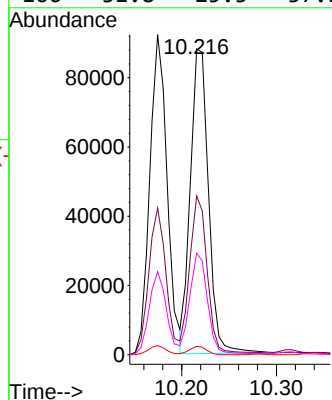
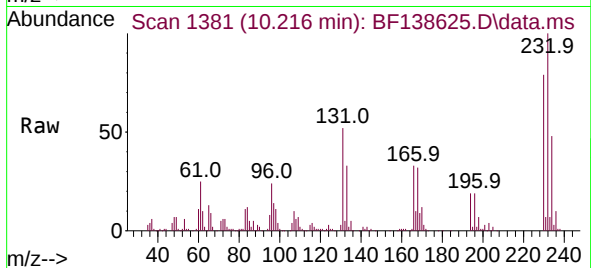




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.336 ng
RT: 10.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

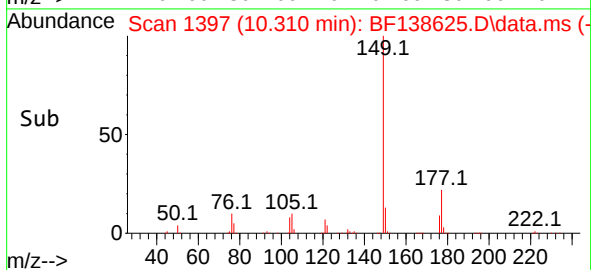
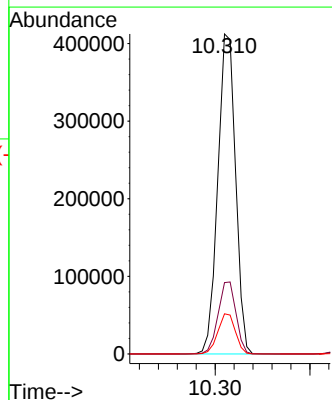
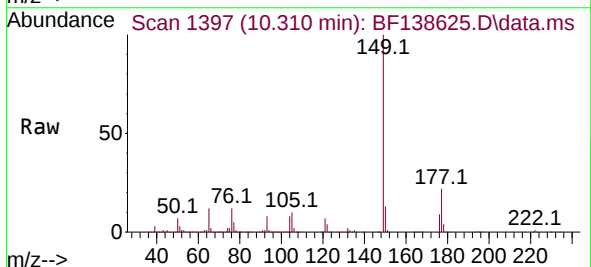
Instrument :
BNA_F
ClientSampleId :
285-290MS

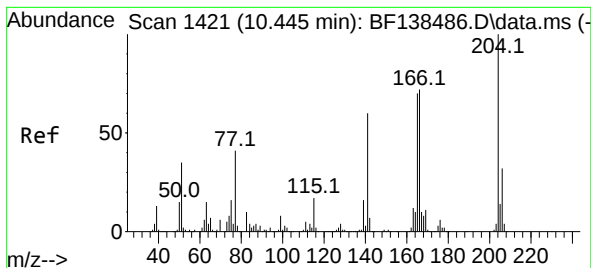
Tgt Ion:232 Resp: 117369
Ion Ratio Lower Upper
232 100
131 50.3 37.5 56.3
130 2.5 2.0 3.0
166 31.8 25.3 37.9



#60
Diethylphthalate
Concen: 51.450 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:149 Resp: 538042
Ion Ratio Lower Upper
149 100
177 22.3 18.5 27.7
150 12.5 10.3 15.5

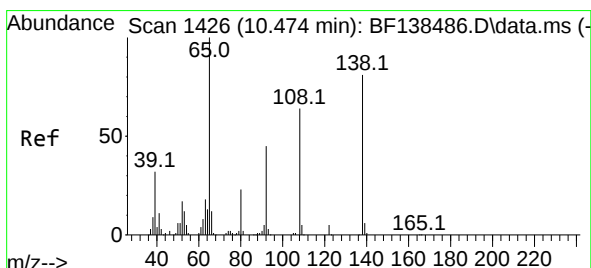
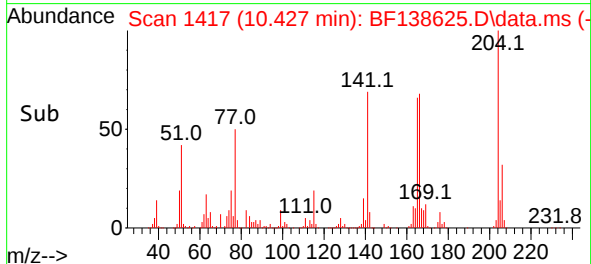
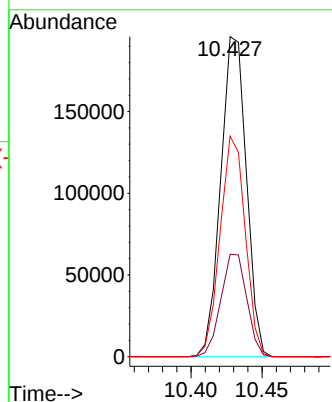
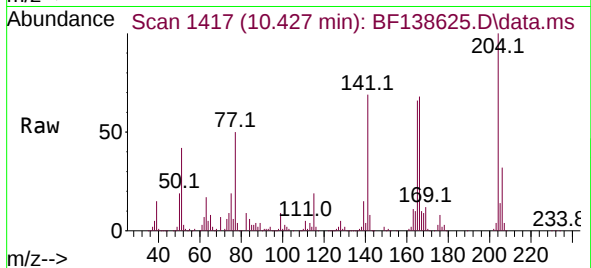




#61
4-Chlorophenyl-phenylether
Concen: 47.211 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

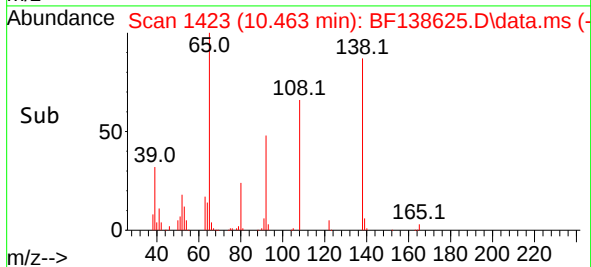
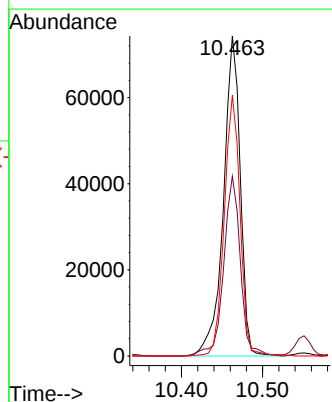
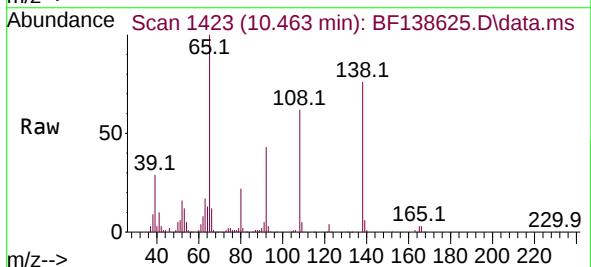
Instrument :
BNA_F
ClientSampleId :
285-290MS

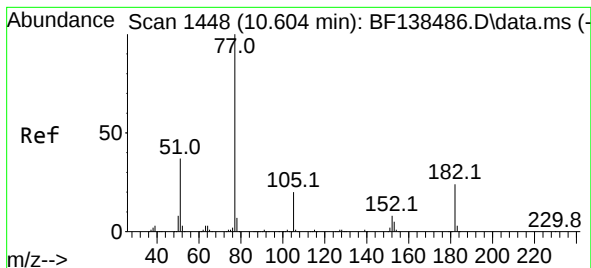
Tgt Ion:204 Resp: 246622
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 68.9 47.7 71.5



#62
4-Nitroaniline
Concen: 41.788 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:138 Resp: 107195
Ion Ratio Lower Upper
138 100
92 56.2 35.8 75.8
108 81.5 59.8 99.8





#63

Azobenzene

Concen: 51.064 ng

RT: 10.592 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

Tgt Ion: 77 Resp: 574131

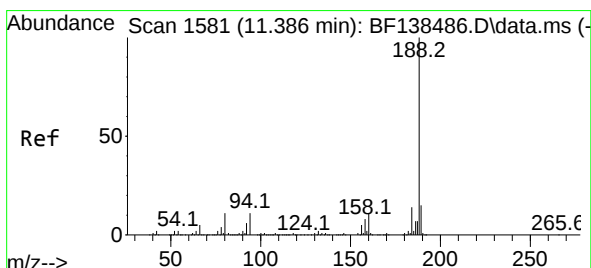
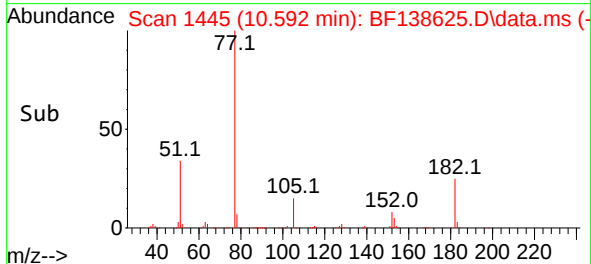
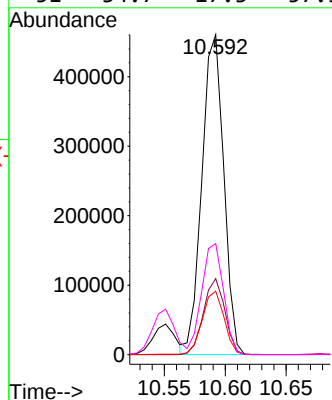
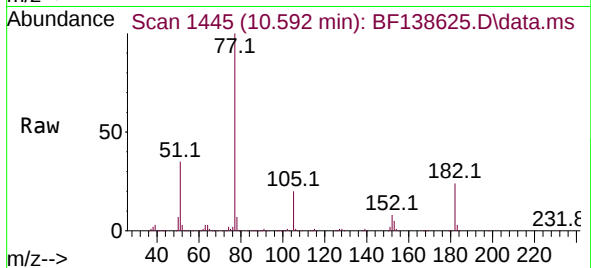
Ion Ratio Lower Upper

77 100

182 23.7 3.8 43.8

105 19.9 0.0 39.8

51 34.7 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

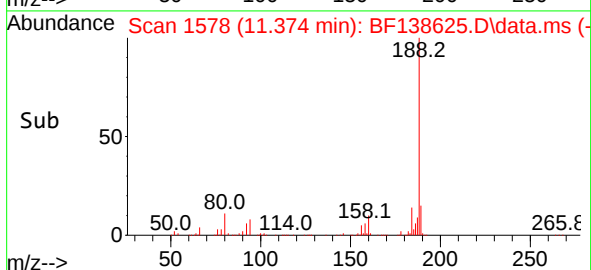
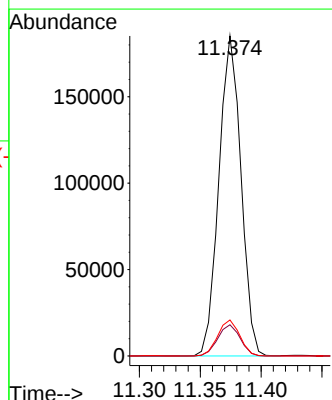
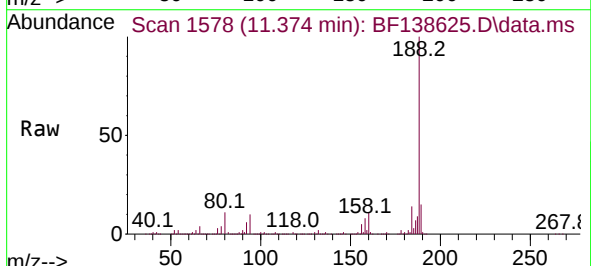
Tgt Ion:188 Resp: 234025

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

80 11.3 9.0 13.4

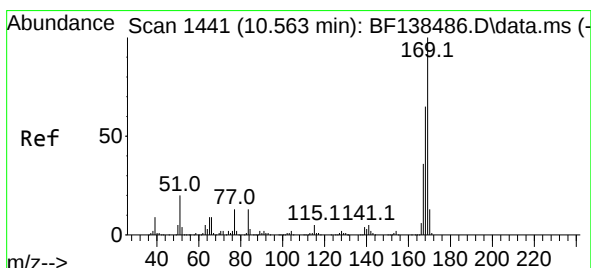
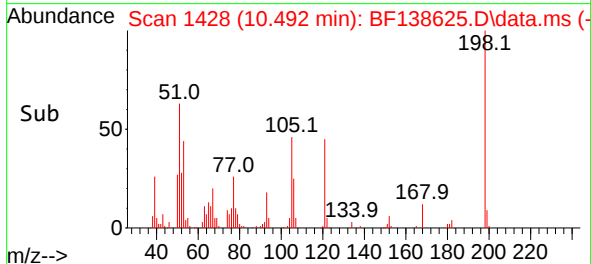
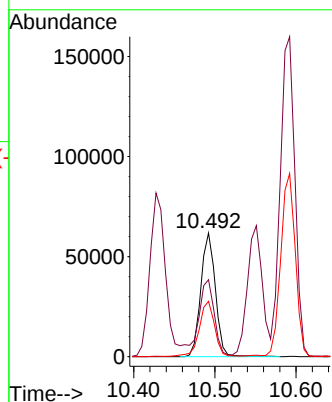
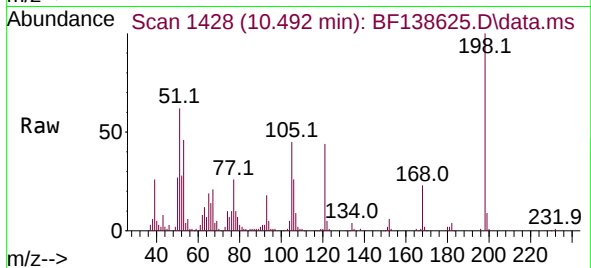




#65
4,6-Dinitro-2-methylphenol
Concen: 57.035 ng
RT: 10.492 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

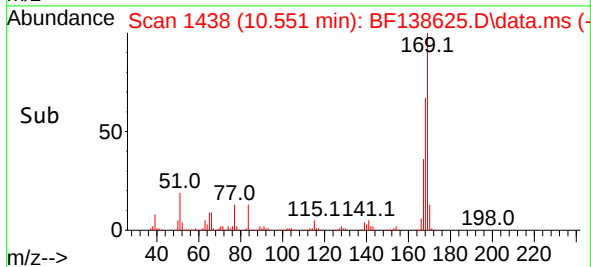
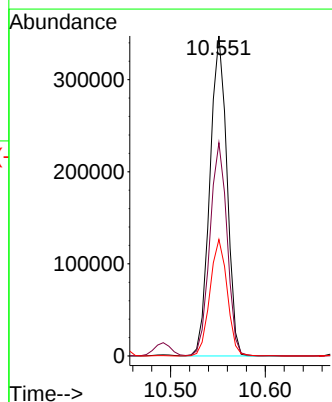
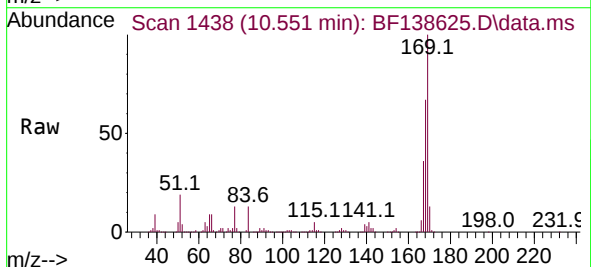
Instrument :
BNA_F
ClientSampleId :
285-290MS

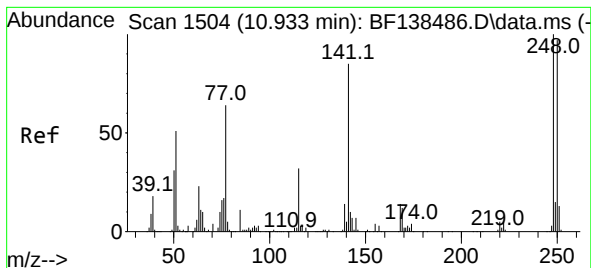
Tgt Ion:198 Resp: 77071
Ion Ratio Lower Upper
198 100
51 62.3 27.2 67.2
105 44.7 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 61.702 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:169 Resp: 432629
Ion Ratio Lower Upper
169 100
168 66.7 51.7 77.5
167 36.4 28.5 42.7

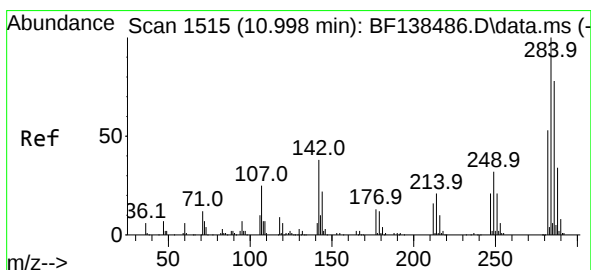
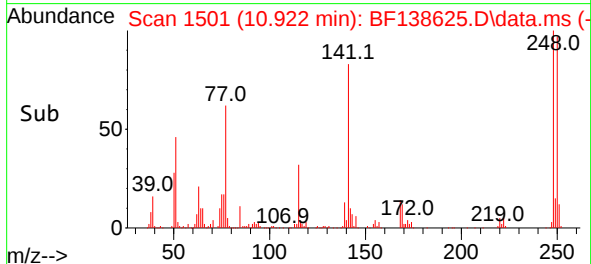
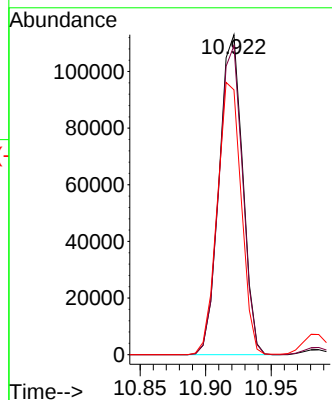
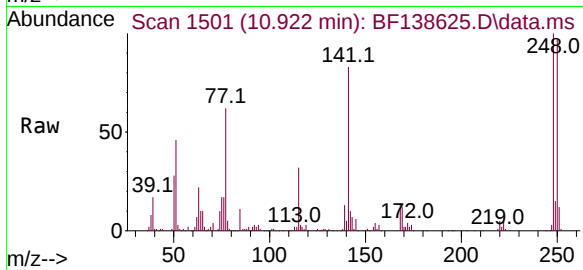




#67
4-Bromophenyl-phenylether
Concen: 58.562 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

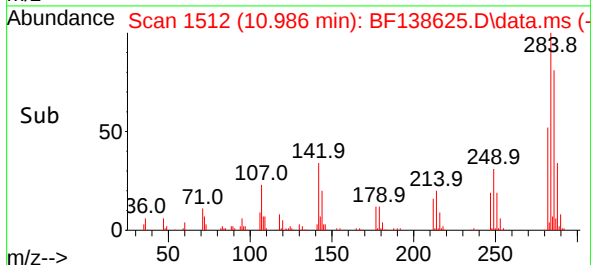
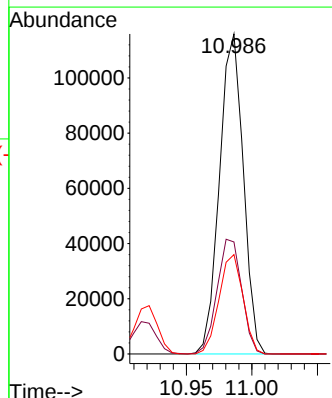
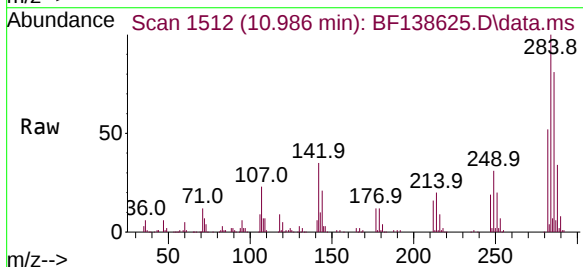
Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:248 Resp: 140862
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 82.7 67.7 101.5



#68
Hexachlorobenzene
Concen: 54.696 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:284 Resp: 146157
Ion Ratio Lower Upper
284 100
142 35.0 30.5 45.7
249 31.1 25.9 38.9





#69

Atrazine

Concen: 53.484 ng

RT: 11.074 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

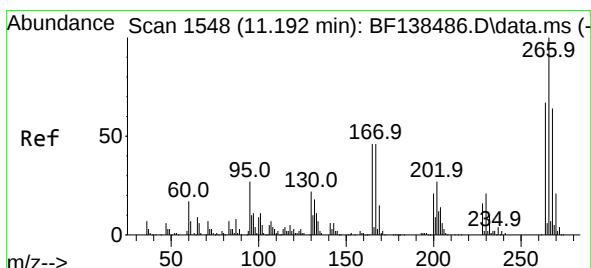
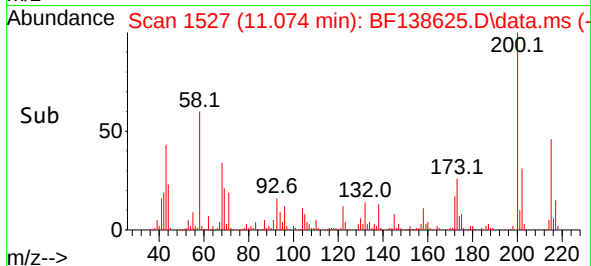
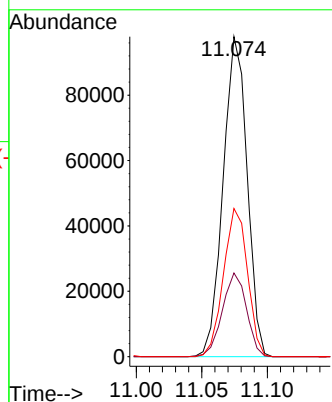
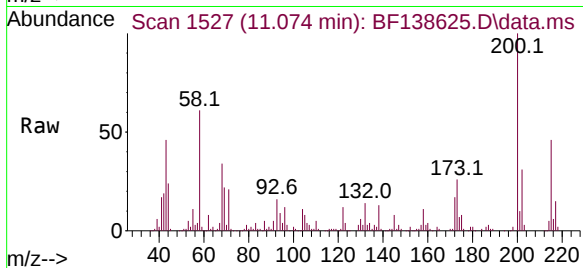
Tgt Ion:200 Resp: 124331

Ion Ratio Lower Upper

200 100

173 26.2 4.1 44.1

215 46.3 26.5 66.5



#70

Pentachlorophenol

Concen: 82.259 ng

RT: 11.180 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

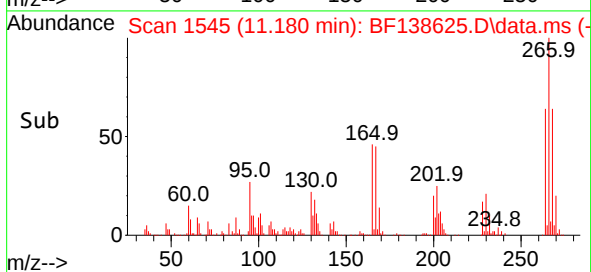
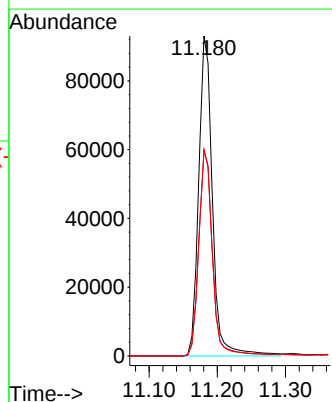
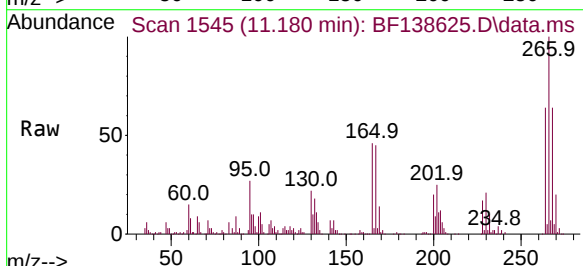
Tgt Ion:266 Resp: 130067

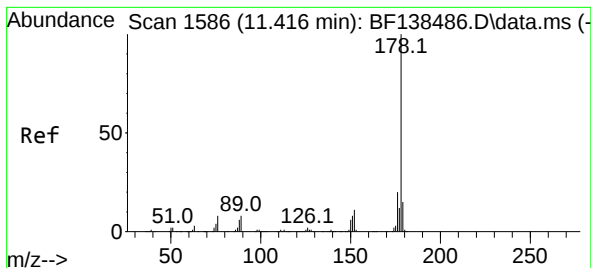
Ion Ratio Lower Upper

266 100

268 64.3 50.9 76.3

264 64.4 53.5 80.3





#71

Phenanthrene

Concen: 53.959 ng

RT: 11.398 min Scan# 1586

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

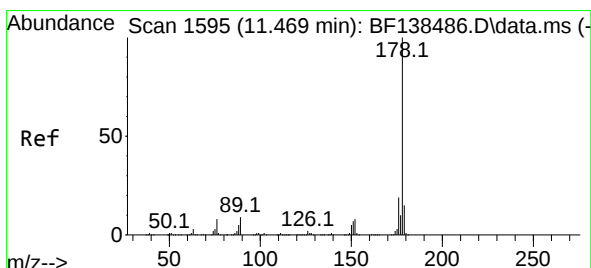
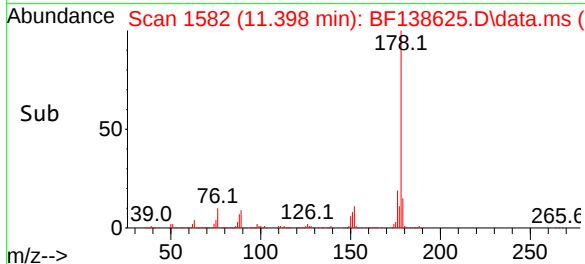
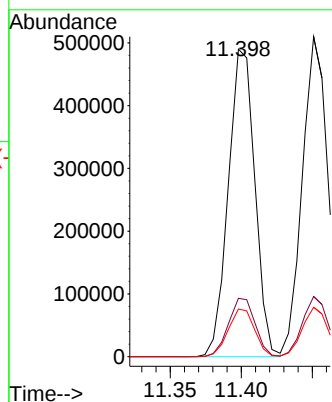
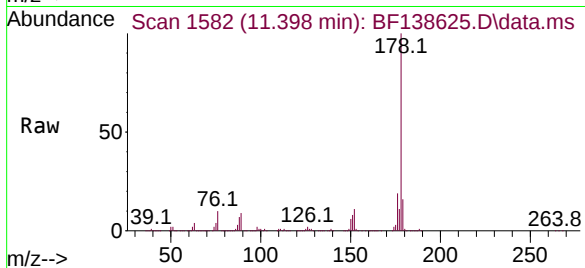
Tgt Ion:178 Resp: 637962

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

179 15.5 12.2 18.2



#72

Anthracene

Concen: 53.882 ng

RT: 11.451 min Scan# 1591

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

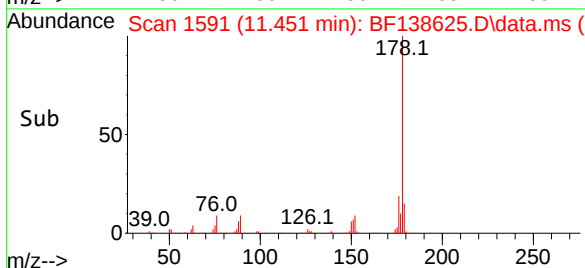
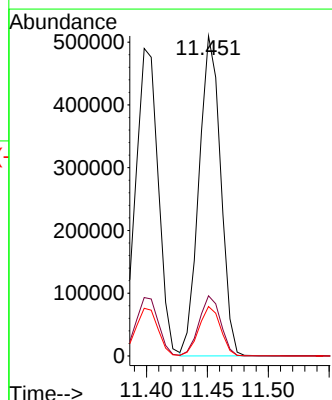
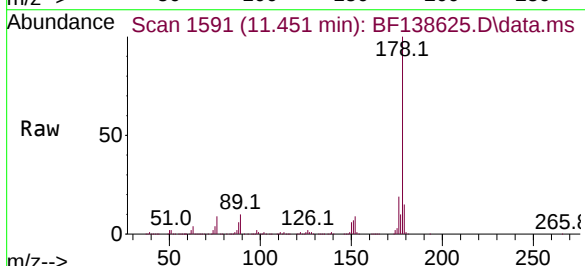
Tgt Ion:178 Resp: 632384

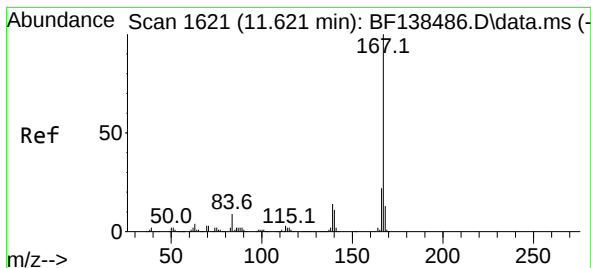
Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.5 12.2 18.4





#73

Carbazole

Concen: 46.904 ng

RT: 11.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

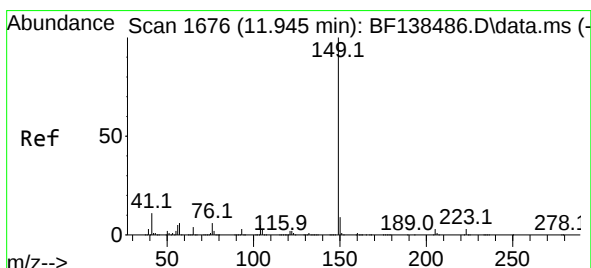
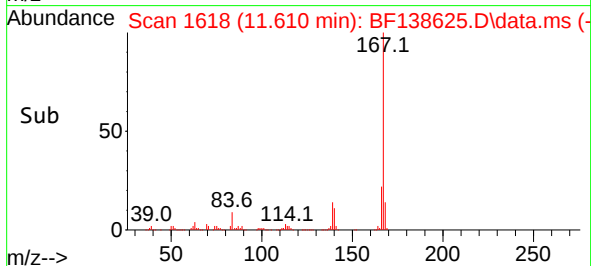
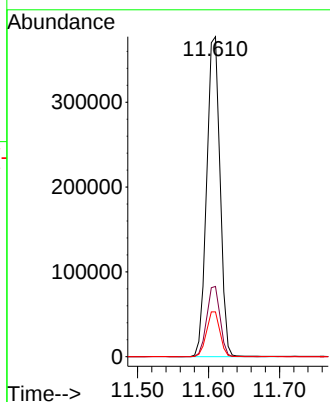
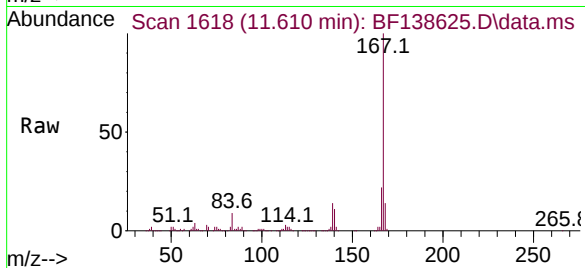
Tgt Ion:167 Resp: 494706

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

139 14.0 11.0 16.4



#74

Di-n-butylphthalate

Concen: 58.151 ng

RT: 11.933 min Scan# 1673

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

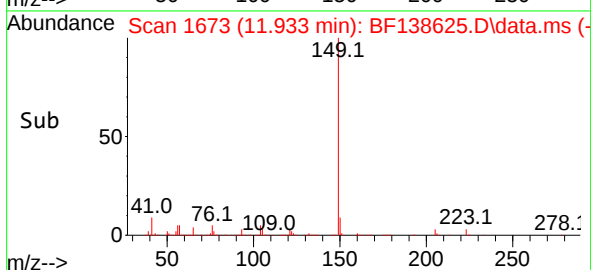
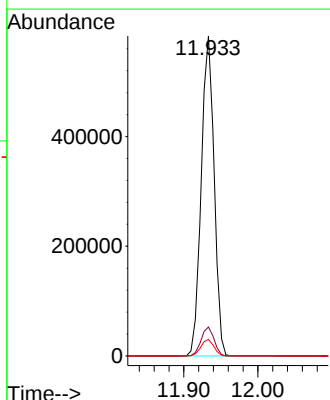
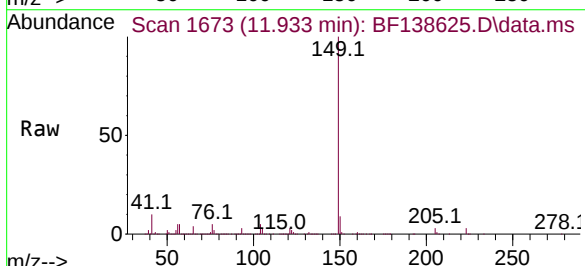
Tgt Ion:149 Resp: 706960

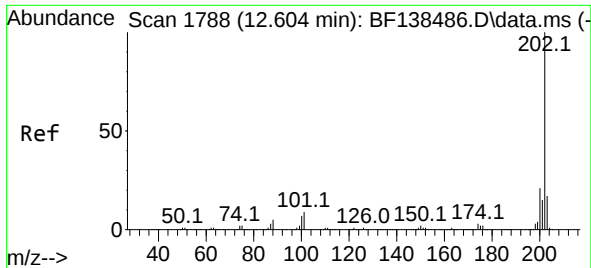
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.1 4.4 6.6

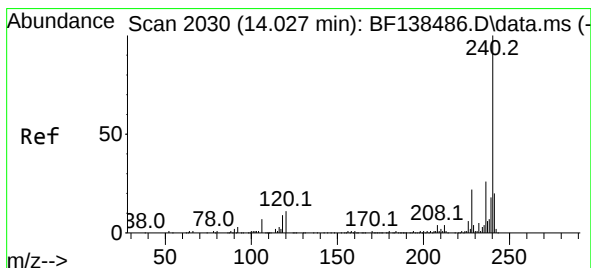
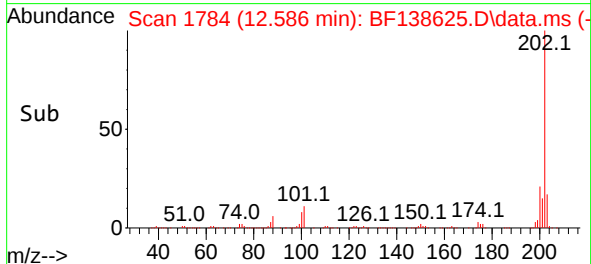
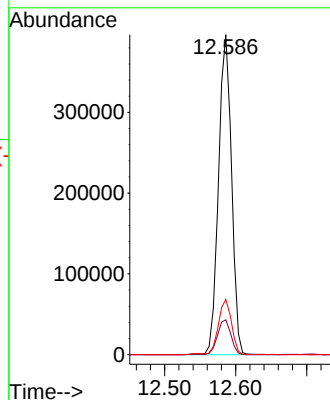
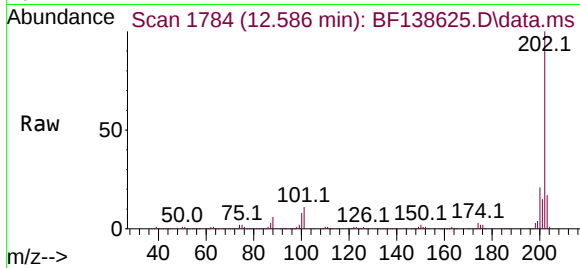




#75
Fluoranthene
Concen: 41.598 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

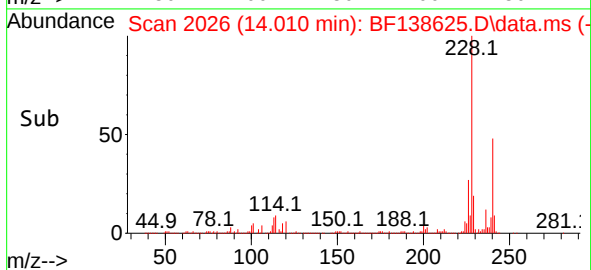
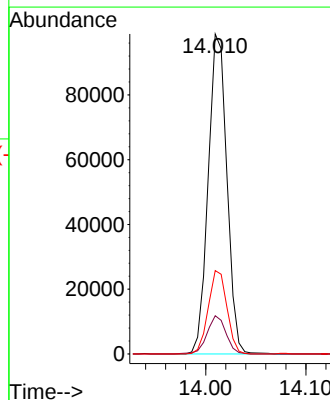
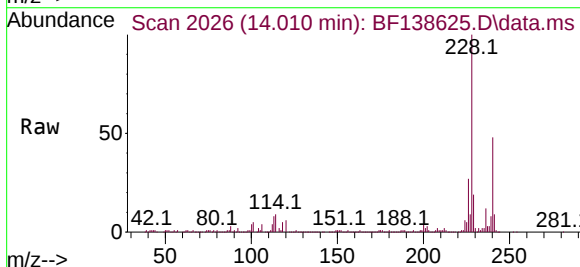
Instrument :
BNA_F
ClientSampleId :
285-290MS

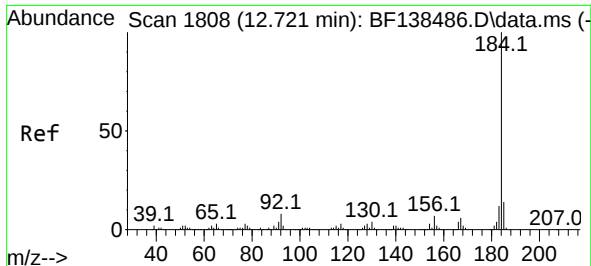
Tgt Ion:202 Resp: 501851
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.2
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:240 Resp: 128322
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 26.0 21.0 31.6

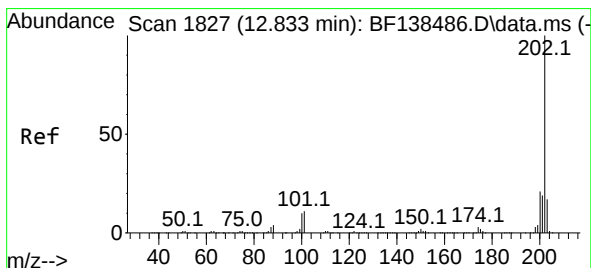
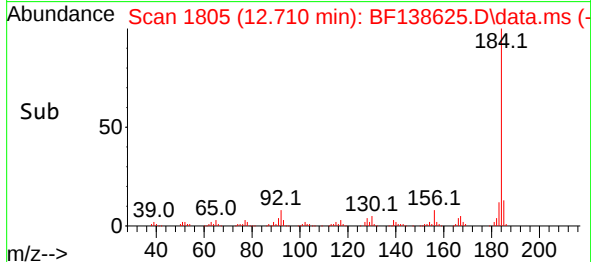
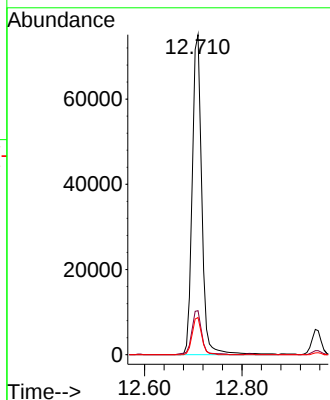
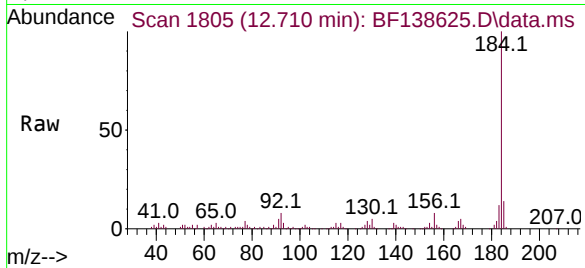




#77
Benzidine
Concen: 31.837 ng
RT: 12.710 min Scan# 1805
Delta R.T. -0.011 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

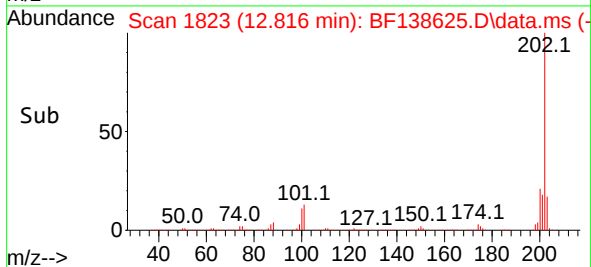
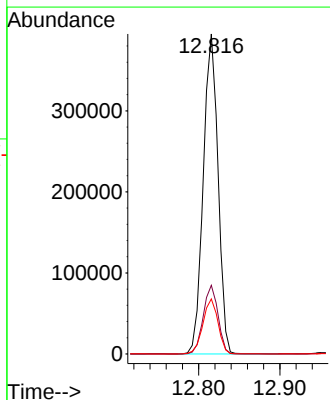
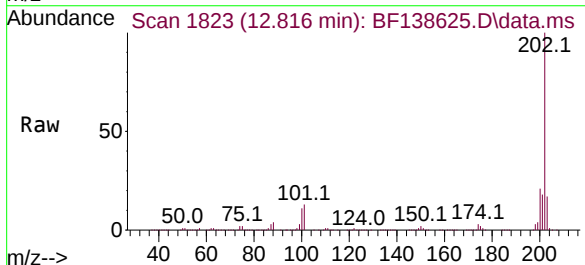
Instrument :
BNA_F
ClientSampleId :
285-290MS

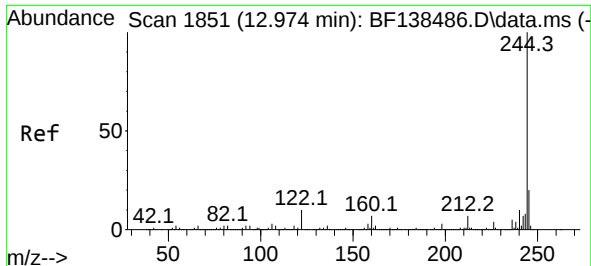
Tgt Ion:184 Resp: 103073
Ion Ratio Lower Upper
184 100
185 13.7 11.3 16.9
183 11.6 9.5 14.3



#78
Pyrene
Concen: 38.216 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

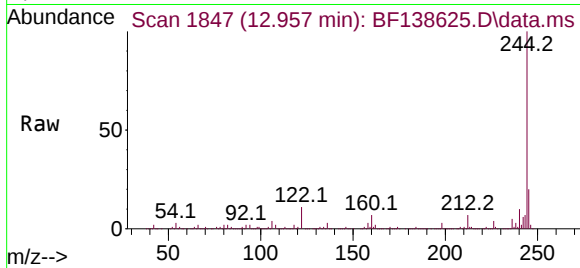
Tgt Ion:202 Resp: 497822
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.6
203 17.2 13.7 20.5



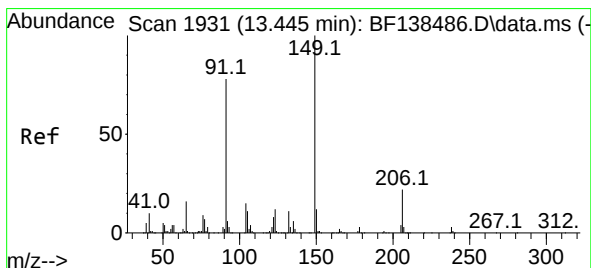
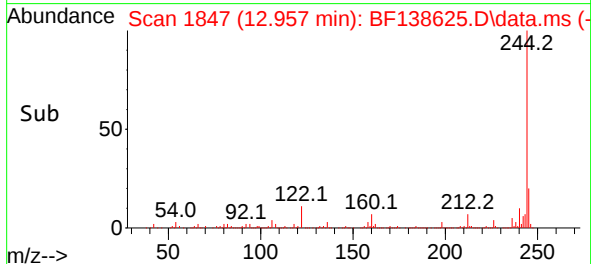
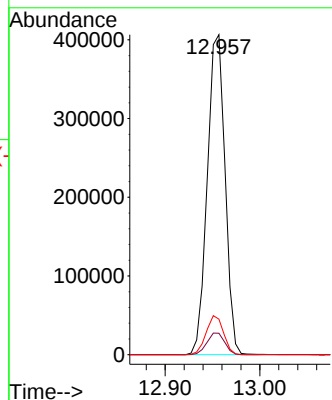


#79
 Terphenyl-d14
 Concen: 67.304 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF138625.D
 Acq: 23 Jul 2024 18:35

Instrument :
 BNA_F
 ClientSampleId :
 285-290MS

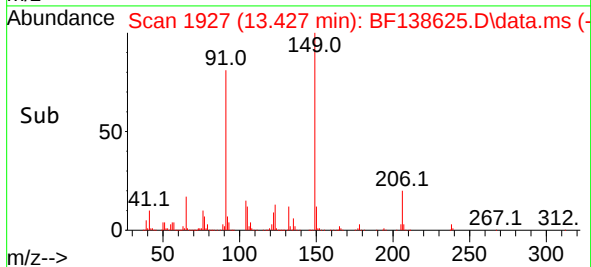
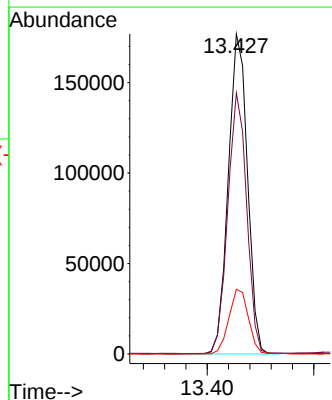
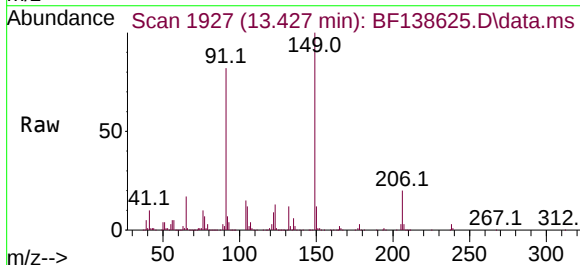


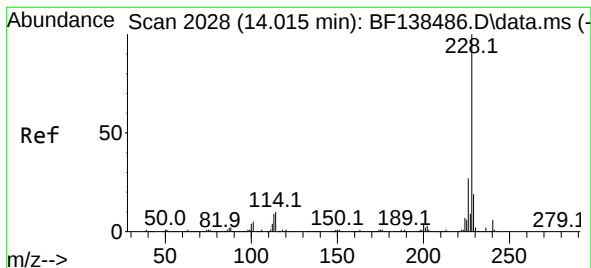
Tgt Ion:244 Resp: 530135
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.1 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 56.463 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. -0.018 min
 Lab File: BF138625.D
 Acq: 23 Jul 2024 18:35

Tgt Ion:149 Resp: 221257
 Ion Ratio Lower Upper
 149 100
 91 81.6 62.1 93.1
 206 20.2 18.0 27.0





#81

Benzo(a)anthracene

Concen: 54.684 ng

RT: 13.998 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

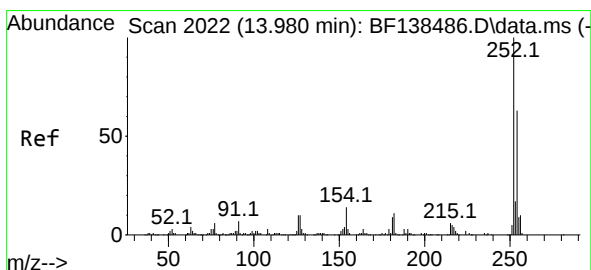
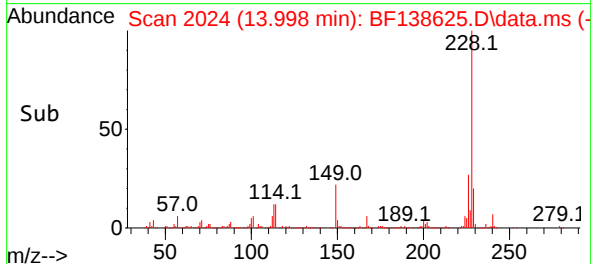
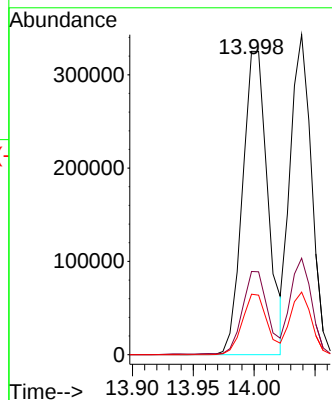
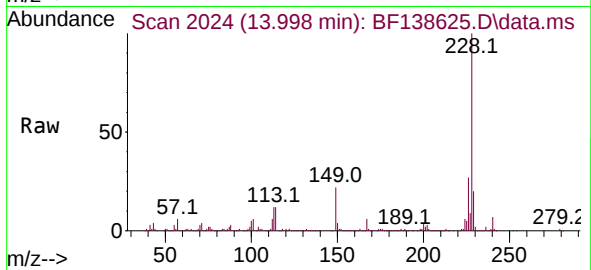
Tgt Ion:228 Resp: 470848

Ion Ratio Lower Upper

228 100

226 27.4 21.9 32.9

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 34.965 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

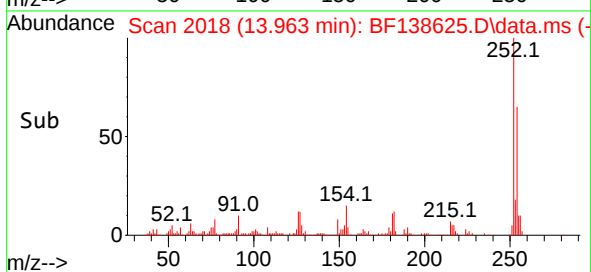
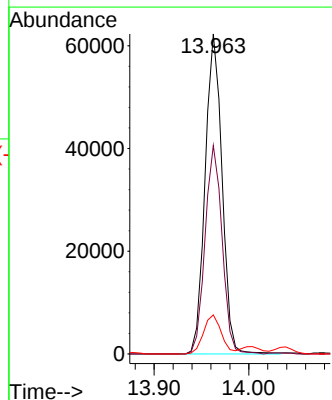
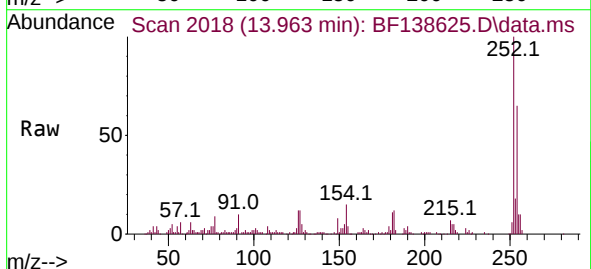
Tgt Ion:252 Resp: 77576

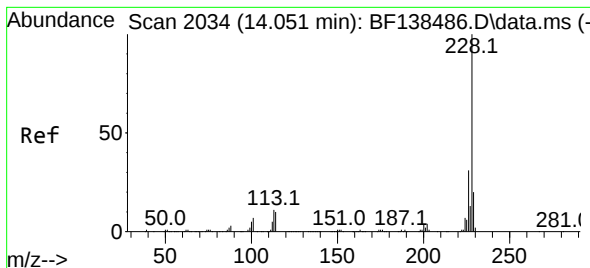
Ion Ratio Lower Upper

252 100

254 65.2 50.3 75.5

126 12.2 8.1 12.1#





#83

Chrysene

Concen: 51.077 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

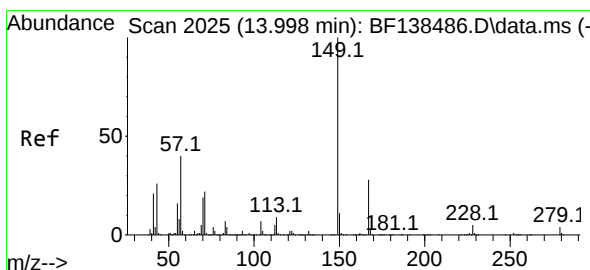
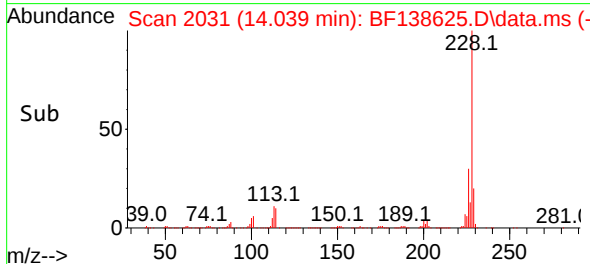
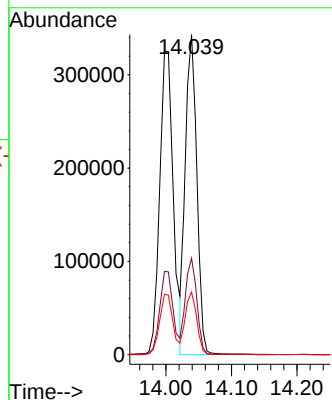
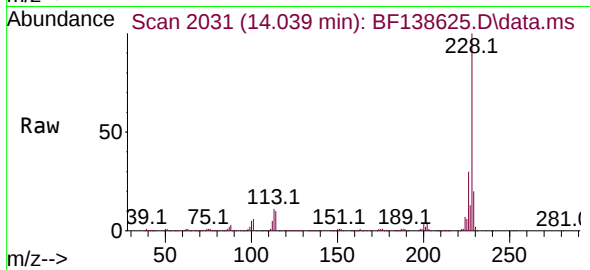
Tgt Ion:228 Resp: 416045

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 70.716 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

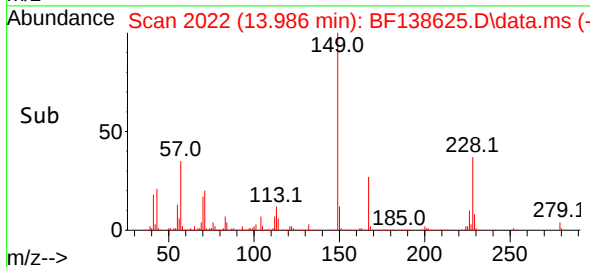
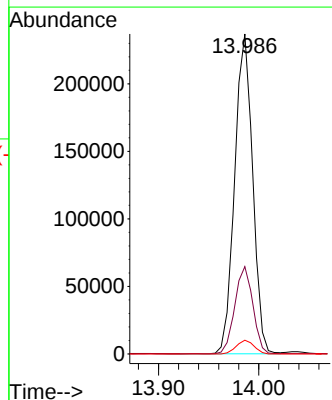
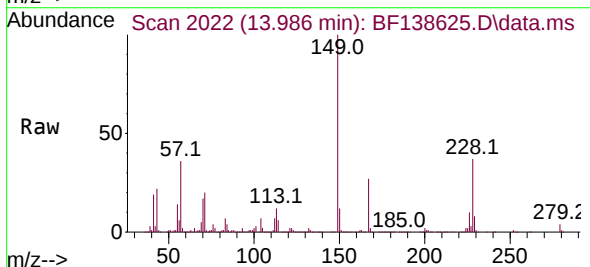
Tgt Ion:149 Resp: 295540

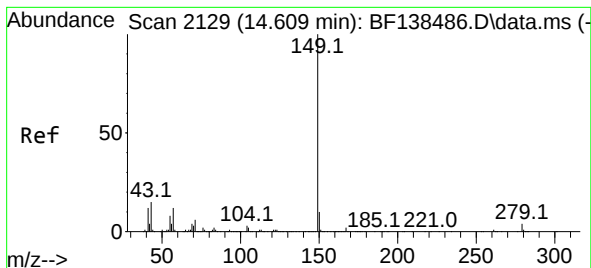
Ion Ratio Lower Upper

149 100

167 27.3 22.5 33.7

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 80.662 ng

RT: 14.598 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

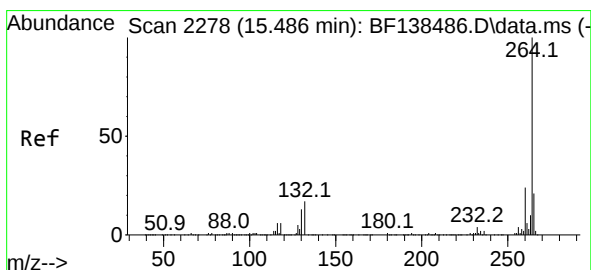
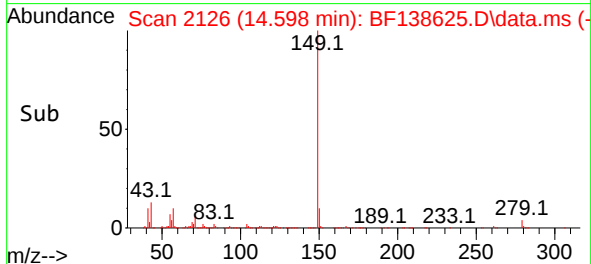
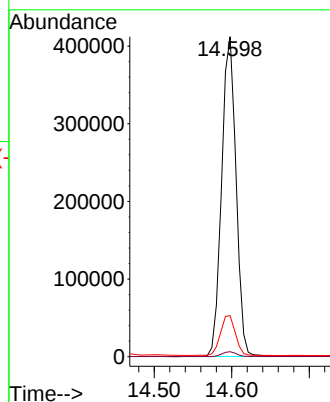
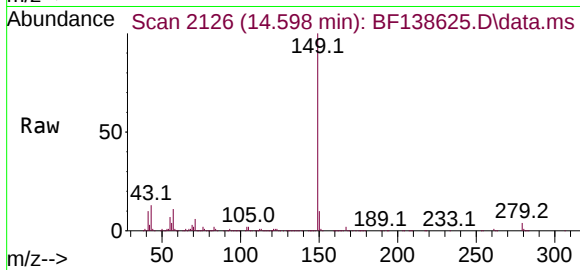
Tgt Ion:149 Resp: 532544

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 13.0 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

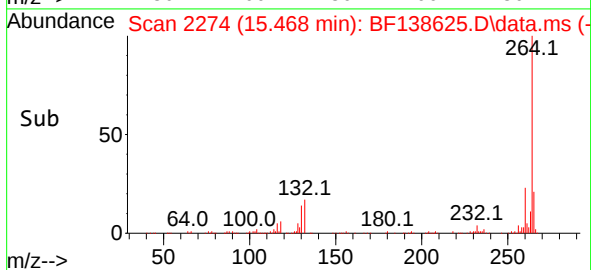
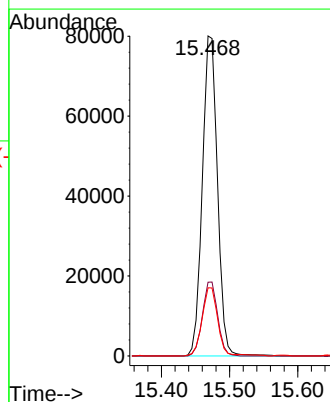
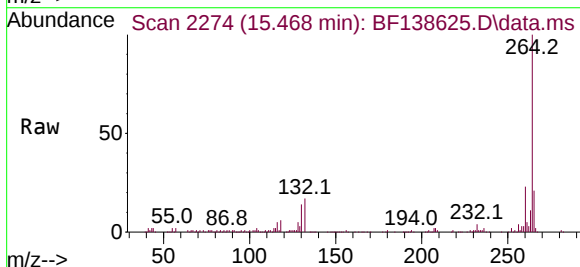
Tgt Ion:264 Resp: 123413

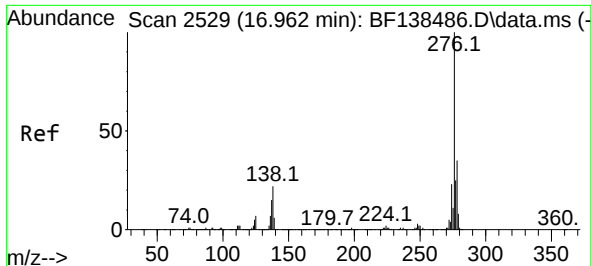
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.3 17.0 25.4

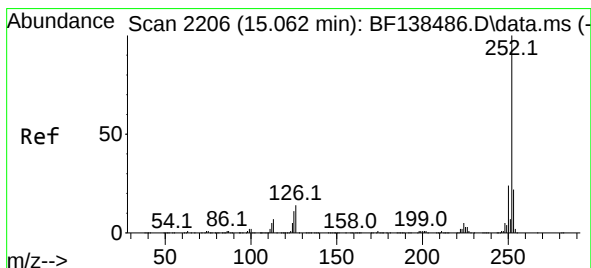
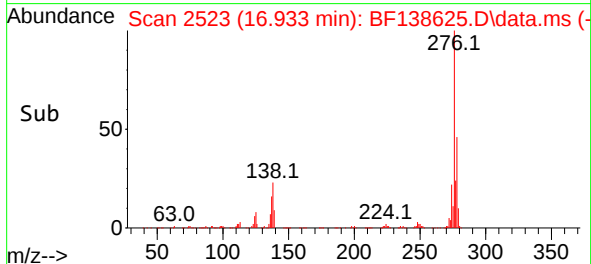
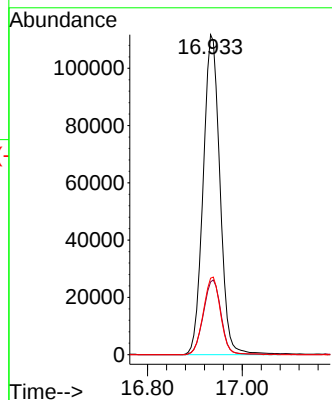
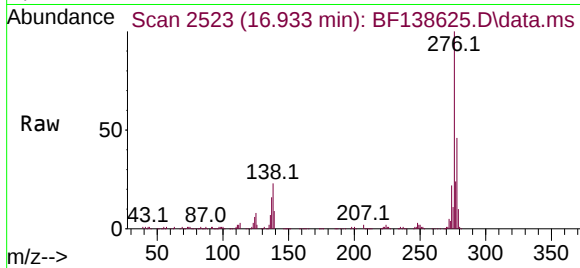




#87
Indeno(1,2,3-cd)pyrene
Concen: 33.168 ng
RT: 16.933 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

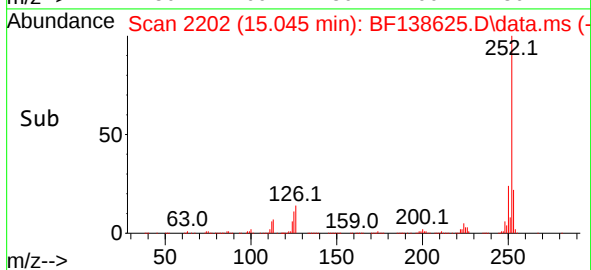
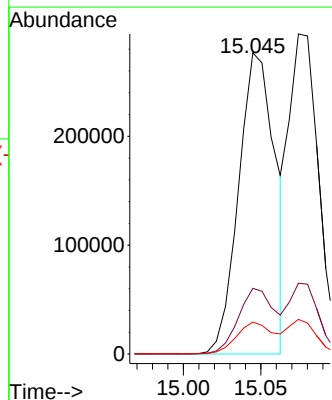
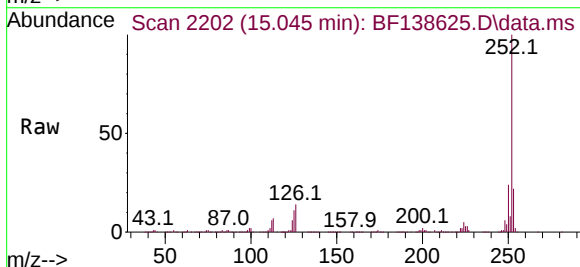
Instrument :
BNA_F
ClientSampleId :
285-290MS

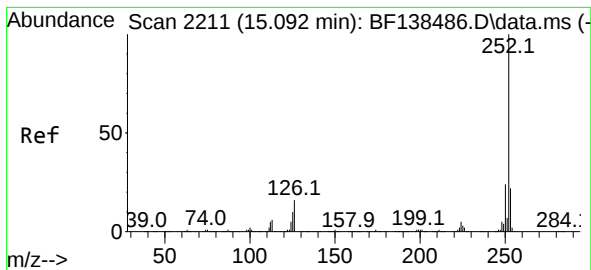
Tgt Ion:276 Resp: 274952
Ion Ratio Lower Upper
276 100
138 24.5 19.6 29.4
277 24.9 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 65.189 ng
RT: 15.045 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:252 Resp: 453078
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.6 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 57.082 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

Instrument :

BNA_F

ClientSampleId :

285-290MS

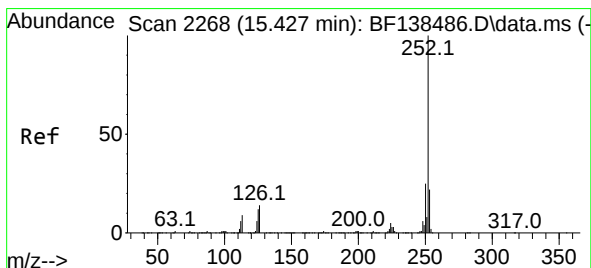
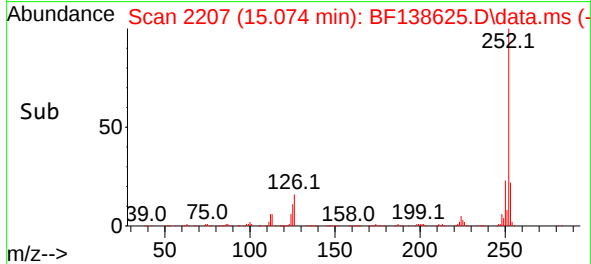
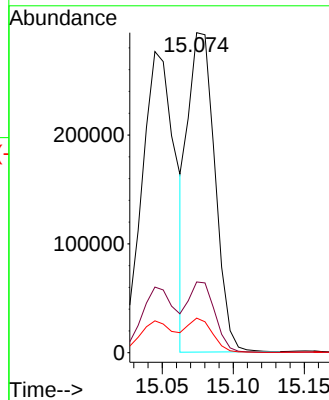
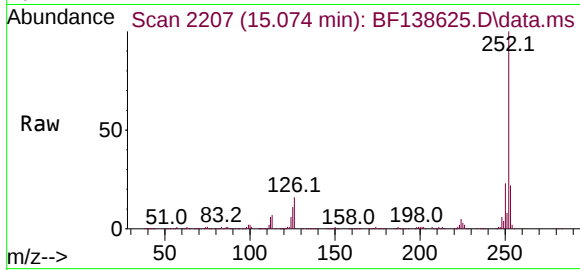
Tgt Ion:252 Resp: 386930

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 10.8 8.1 12.1



#90

Benzo(a)pyrene

Concen: 56.762 ng

RT: 15.409 min Scan# 2264

Delta R.T. -0.018 min

Lab File: BF138625.D

Acq: 23 Jul 2024 18:35

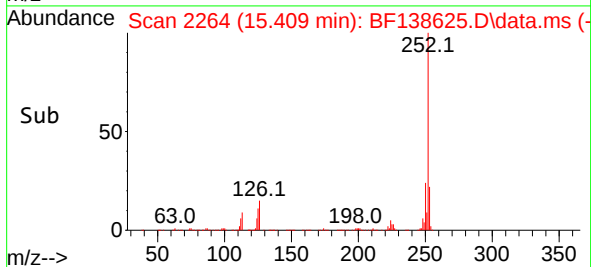
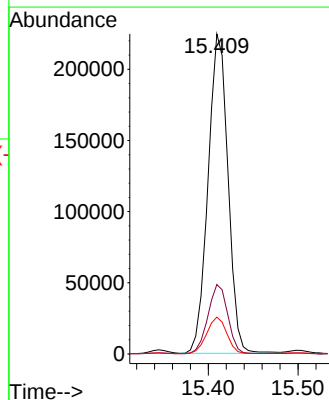
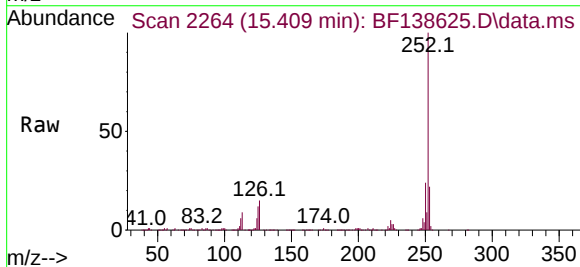
Tgt Ion:252 Resp: 346563

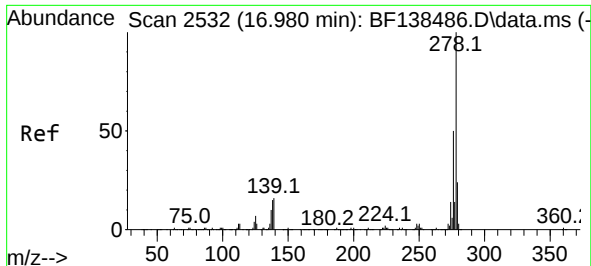
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.5 9.4 14.2

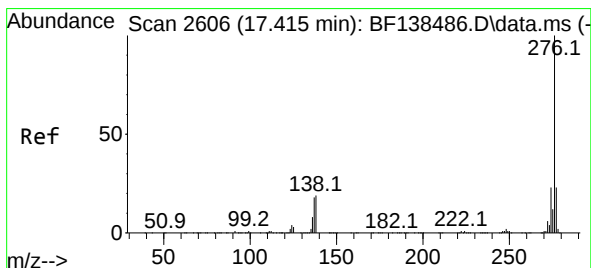
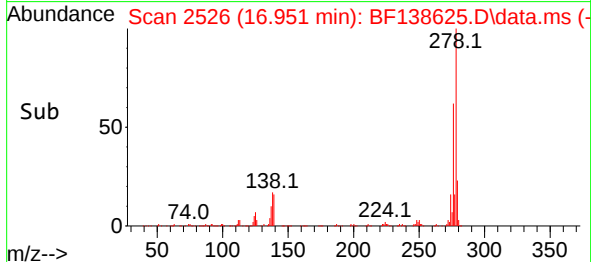
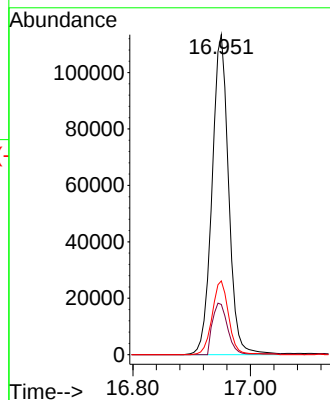
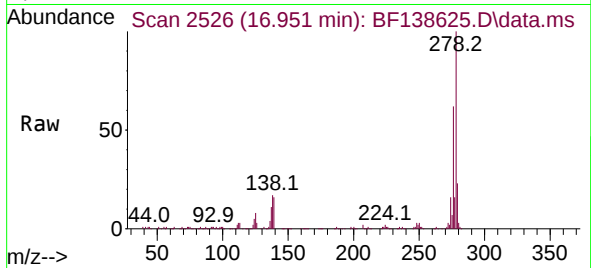




#91
Dibenzo(a,h)anthracene
Concen: 32.744 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Instrument :
BNA_F
ClientSampleId :
285-290MS

Tgt Ion:278 Resp: 222041
Ion Ratio Lower Upper
278 100
139 15.7 12.8 19.2
279 23.1 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 28.615 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF138625.D
Acq: 23 Jul 2024 18:35

Tgt Ion:276 Resp: 205760
Ion Ratio Lower Upper
276 100
277 23.5 18.0 27.0
138 20.5 15.5 23.3

