

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139075.D
 Acq On : 19 Aug 2024 15:47
 Operator : RC/JU
 Sample : PB162688BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162688BS

Quant Time: Aug 19 16:52:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	53216	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	219351	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	122326	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	202208	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	98718	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	90220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	450955	130.810	ng	0.01
7) Phenol-d6	6.492	99	594454	128.433	ng	0.00
23) Nitrobenzene-d5	7.410	82	393098	87.618	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	130927	130.664	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	714318	87.738	ng	-0.01
79) Terphenyl-d14	12.939	244	623143	105.686	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	45556	30.184	ng	# 94
3) Pyridine	3.446	79	114765	31.389	ng	95
4) n-Nitrosodimethylamine	3.416	42	117445	53.935	ng	82
6) Aniline	6.504	93	128338	31.091	ng	# 1
8) 2-Chlorophenol	6.628	128	175036	48.258	ng	100
9) Benzaldehyde	6.393	77	51275	18.480	ng	98
10) Phenol	6.504	94	225887	46.352	ng	83
11) bis(2-Chloroethyl)ether	6.575	93	165401	44.105	ng	98
12) 1,3-Dichlorobenzene	6.775	146	179220	44.142	ng	97
13) 1,4-Dichlorobenzene	6.851	146	182869	44.631	ng	98
14) 1,2-Dichlorobenzene	7.004	146	175205	45.754	ng	99
15) Benzyl Alcohol	6.992	79	164617	49.346	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	293921	45.542	ng	53
17) 2-Methylphenol	7.104	107	139300	46.510	ng	# 83
18) Hexachloroethane	7.339	117	70832	45.925	ng	98
19) n-Nitroso-di-n-propyla...	7.257	70	139791	50.005	ng	96
20) 3+4-Methylphenols	7.263	107	187490	48.791	ng	# 73
22) Acetophenone	7.251	105	240406	44.762	ng	98
24) Nitrobenzene	7.428	77	204964	44.896	ng	100
25) Isophorone	7.663	82	358647	46.815	ng	98
26) 2-Nitrophenol	7.739	139	91978	46.828	ng	88
27) 2,4-Dimethylphenol	7.781	122	116651	49.638	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	208302	44.650	ng	98
29) 2,4-Dichlorophenol	7.992	162	143895	47.651	ng	100
30) 1,2,4-Trichlorobenzene	8.057	180	155740	44.690	ng	96
31) Naphthalene	8.139	128	515886	44.681	ng	99
32) Benzoic acid	7.951	122	55518	30.053	ng	89
33) 4-Chloroaniline	8.198	127	88778	22.906	ng	97
34) Hexachlorobutadiene	8.245	225	95770	45.372	ng	100
35) Caprolactam	8.586	113	25861	28.701	ng	92
36) 4-Chloro-3-methylphenol	8.692	107	165335	47.907	ng	99
37) 2-Methylnaphthalene	8.828	142	339631	46.577	ng	100
38) 1-Methylnaphthalene	8.928	142	316050	44.231	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	144648	42.568	ng	98
41) Hexachlorocyclopentadiene	8.975	237	75743	83.846	ng	100
43) 2,4,6-Trichlorophenol	9.116	196	91011	43.928	ng	99

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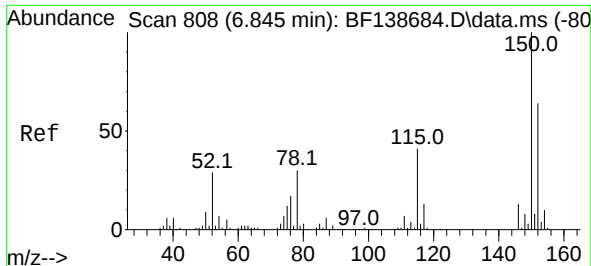
Quant Time: Aug 19 16:52:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	97838	43.196	ng	97
46) 1,1'-Biphenyl	9.292	154	407420	42.526	ng	99
47) 2-Chloronaphthalene	9.322	162	315823	44.324	ng	99
48) 2-Nitroaniline	9.428	65	117954	48.831	ng	94
49) Acenaphthylene	9.733	152	491050	48.591	ng	100
50) Dimethylphthalate	9.598	163	384129	49.111	ng	100
51) 2,6-Dinitrotoluene	9.669	165	81204	46.002	ng	# 85
52) Acenaphthene	9.904	154	304580	44.836	ng	100
53) 3-Nitroaniline	9.839	138	58010	31.789	ng	94
54) 2,4-Dinitrophenol	9.963	184	65761	80.928	ng	89
55) Dibenzofuran	10.080	168	444981	46.404	ng	98
56) 4-Nitrophenol	10.028	139	67847	61.827	ng	85
57) 2,4-Dinitrotoluene	10.080	165	108971	48.386	ng	# 79
58) Fluorene	10.422	166	360800	47.248	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	65445	37.794	ng	95
60) Diethylphthalate	10.292	149	378354	51.016	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	181204	48.248	ng	97
62) 4-Nitroaniline	10.422	138	5915	3.411	ng	# 26
63) Azobenzene	10.569	77	397392	48.313	ng	95
65) 4,6-Dinitro-2-methylph...	10.492	198	57216	46.380	ng	93
66) n-Nitrosodiphenylamine	10.533	169	302611	47.877	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	101235	46.241	ng	96
68) Hexachlorobenzene	10.969	284	104156	46.078	ng	97
69) Atrazine	11.063	200	84158	51.608	ng	99
70) Pentachlorophenol	11.175	266	60385	59.266	ng	98
71) Phenanthrene	11.386	178	497211	47.753	ng	100
72) Anthracene	11.439	178	501270	48.869	ng	99
73) Carbazole	11.598	167	404701	45.731	ng	98
74) Di-n-butylphthalate	11.910	149	562994	56.592	ng	99
75) Fluoranthene	12.574	202	447619	46.050	ng	98
77) Benzidine	12.698	184	23862	10.106	ng	98
78) Pyrene	12.804	202	437225	47.041	ng	100
80) Butylbenzylphthalate	13.410	149	163104	54.799	ng	99
81) Benzo(a)anthracene	13.992	228	321387	47.277	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	69191	39.774	ng	99
83) Chrysene	14.027	228	288273	47.003	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	208625	47.867	ng	98
85) Di-n-octyl phthalate	14.574	149	338313	41.955	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	299343	46.299	ng	96
88) Benzo(b)fluoranthene	15.039	252	312486	55.873	ng	98
89) Benzo(k)fluoranthene	15.068	252	247875	51.190	ng	99
90) Benzo(a)pyrene	15.410	252	262237	55.744	ng	98
91) Dibenzo(a,h)anthracene	16.957	278	243892	45.954	ng	98
92) Benzo(g,h,i)perylene	17.392	276	220624	40.059	ng	98

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

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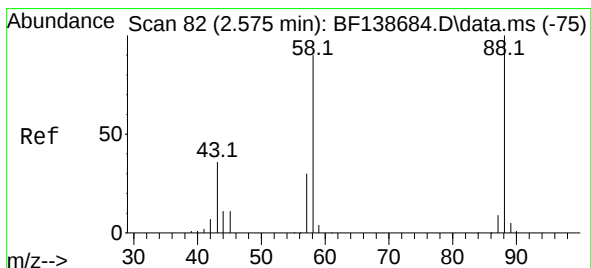
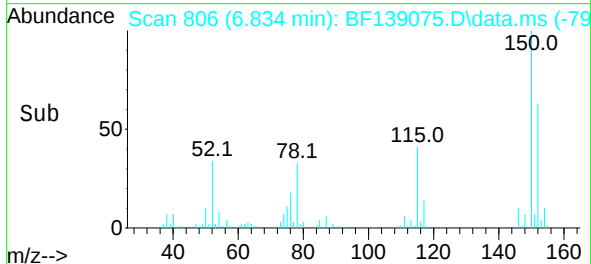
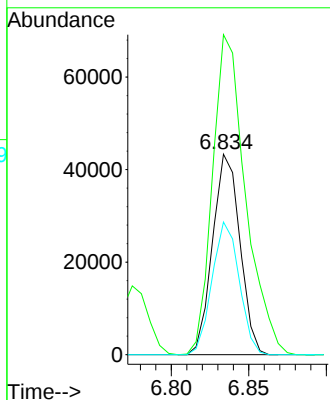
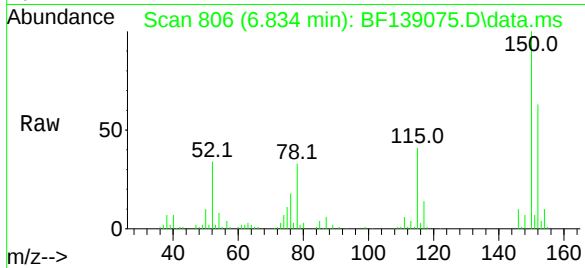




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

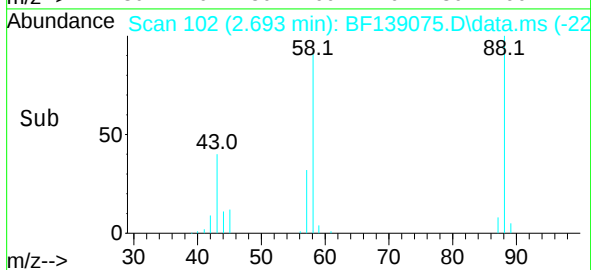
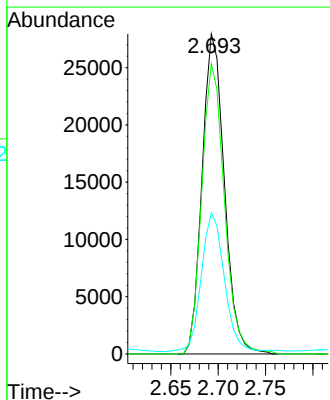
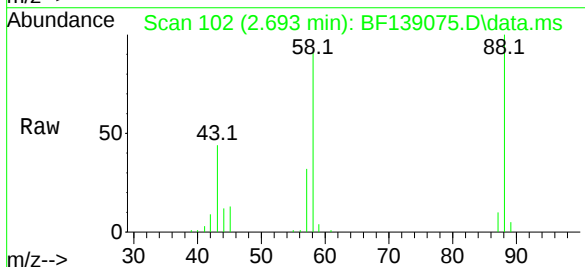
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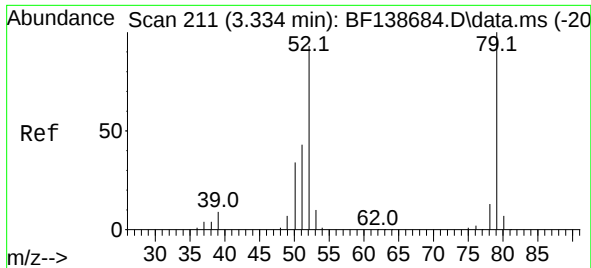
Tgt Ion:152 Resp: 53216
Ion Ratio Lower Upper
152 100
150 159.6 126.0 189.0
115 66.1 51.7 77.5



#2
1,4-Dioxane
Concen: 30.184 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.118 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion: 88 Resp: 45556
Ion Ratio Lower Upper
88 100
58 92.3 71.6 107.4
43 44.4 28.7 43.1#





#3

Pyridine

Concen: 31.389 ng

RT: 3.446 min Scan# 211

Delta R.T. 0.112 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

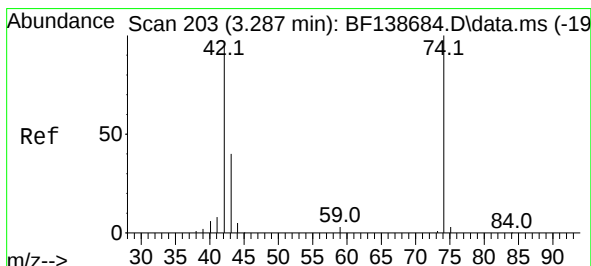
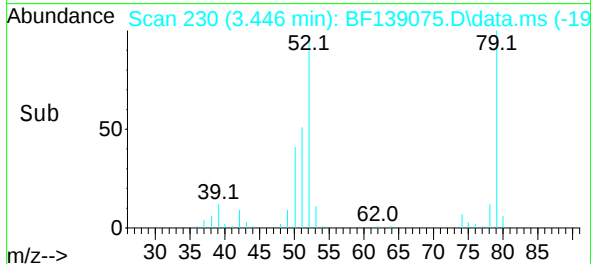
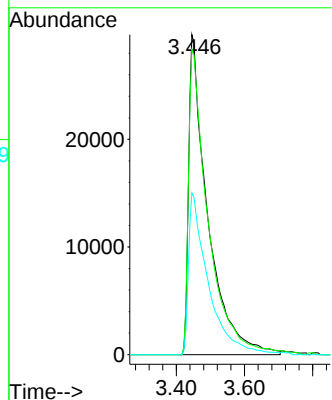
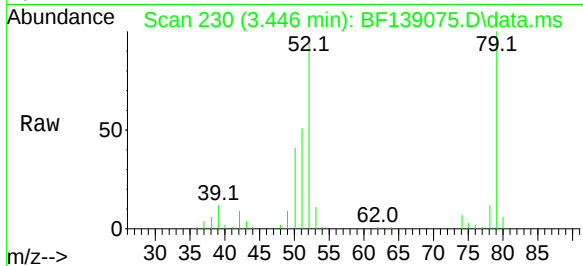
Tgt Ion: 79 Resp: 114765

Ion Ratio Lower Upper

79 100

52 95.4 74.7 112.1

51 50.6 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 53.935 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.129 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

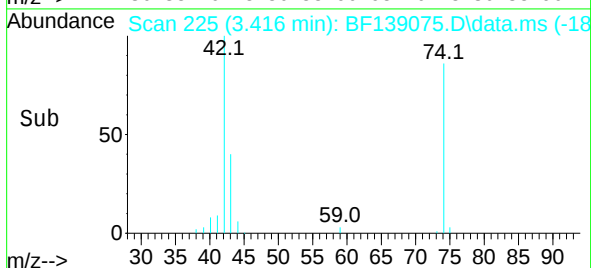
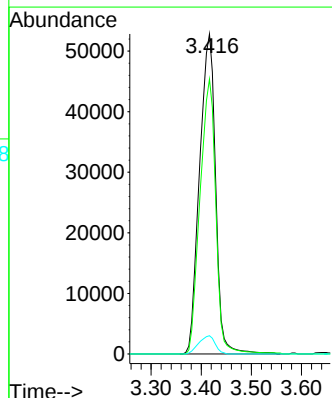
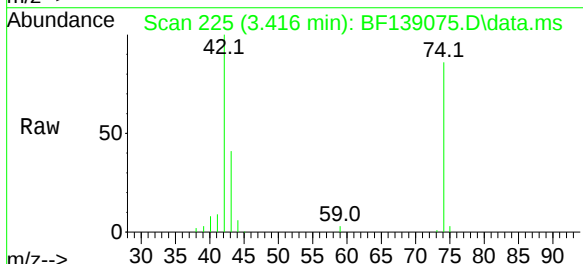
Tgt Ion: 42 Resp: 117445

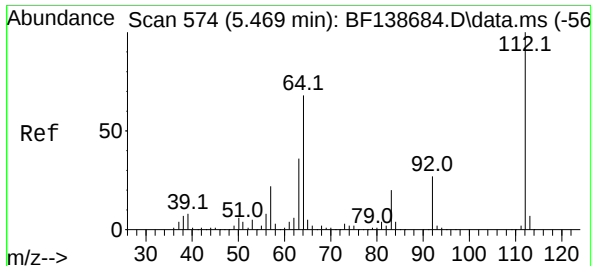
Ion Ratio Lower Upper

42 100

74 85.9 84.2 126.4

44 5.7 4.9 7.3

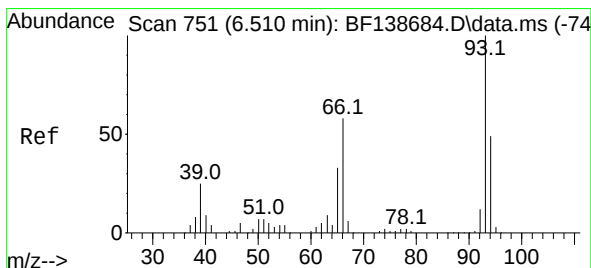
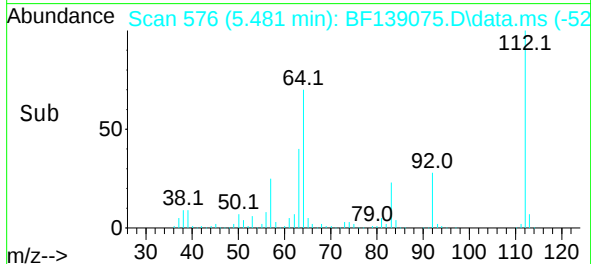
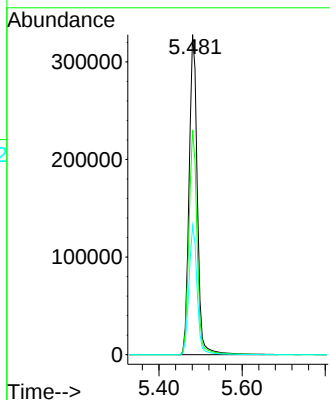
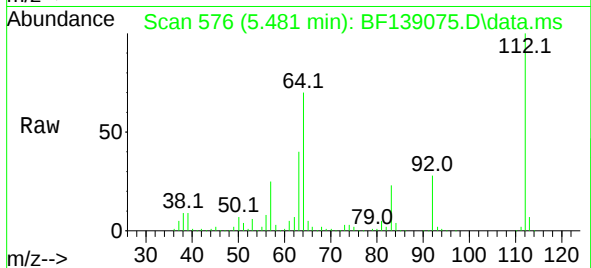




#5
2-Fluorophenol
Concen: 130.810 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

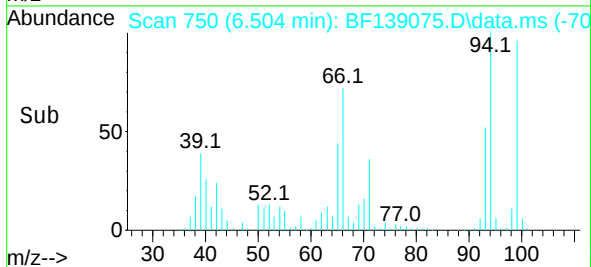
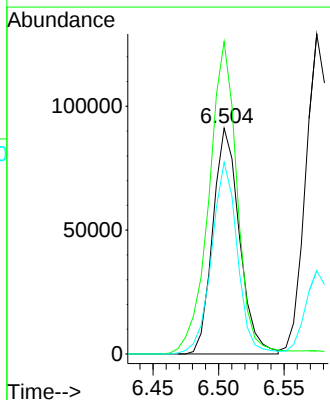
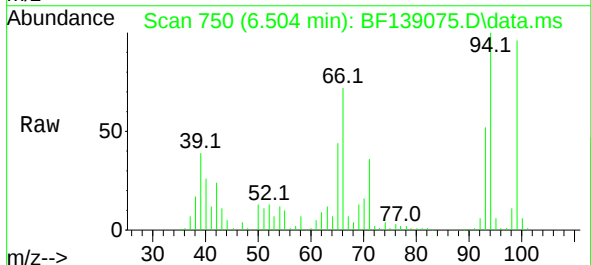
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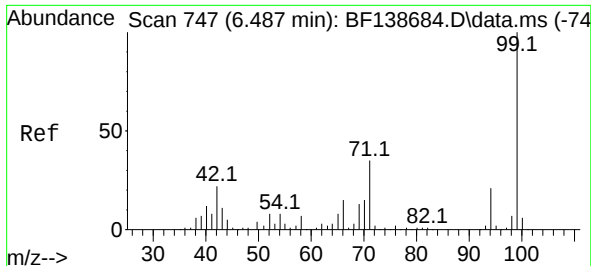
Tgt Ion:112 Resp: 450955
Ion Ratio Lower Upper
112 100
64 70.3 54.2 81.4
63 40.3 28.7 43.1



#6
Aniline
Concen: 31.091 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion: 93 Resp: 128338
Ion Ratio Lower Upper
93 100
66 138.4 46.9 70.3#
65 84.9 26.5 39.7#





#7

Phenol-d6

Concen: 128.433 ng

RT: 6.492 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

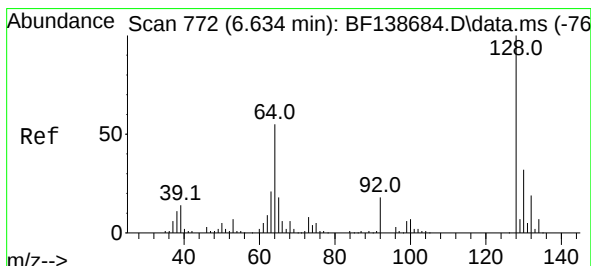
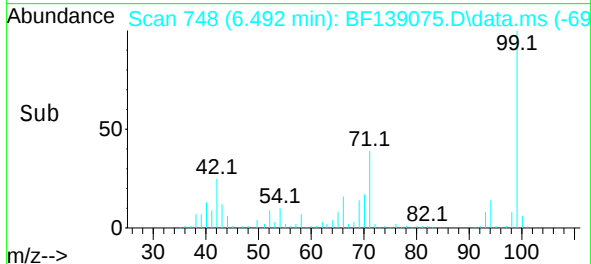
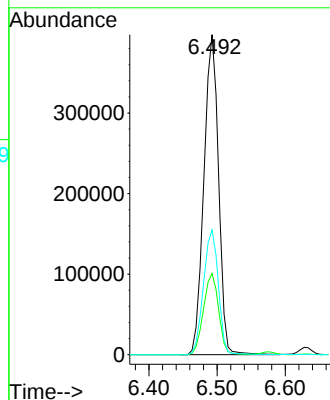
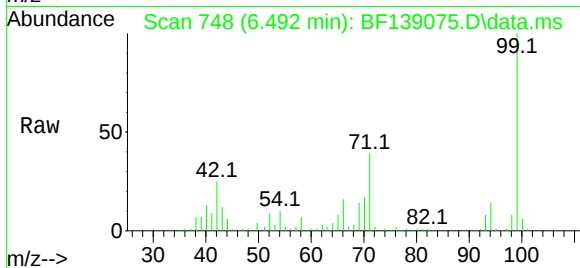
Tgt Ion: 99 Resp: 594454

Ion Ratio Lower Upper

99 100

42 25.4 17.4 26.0

71 39.0 28.1 42.1



#8

2-Chlorophenol

Concen: 48.258 ng

RT: 6.628 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

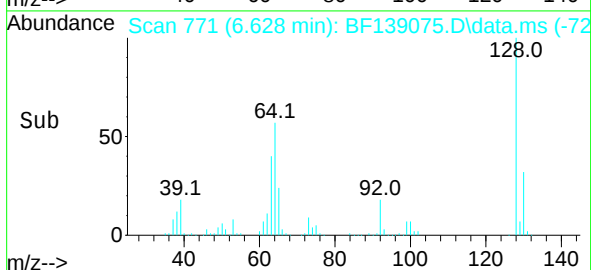
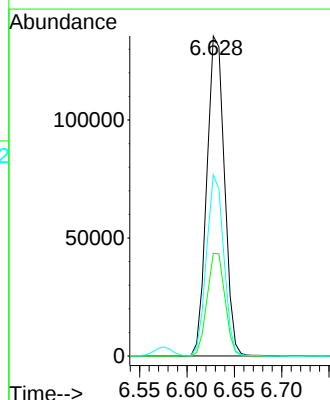
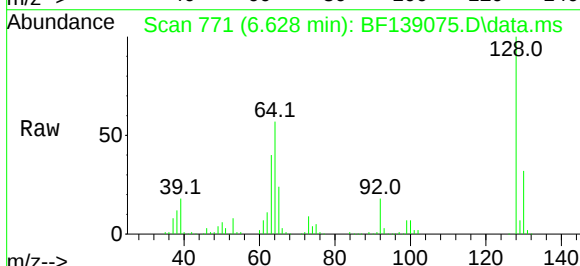
Tgt Ion:128 Resp: 175036

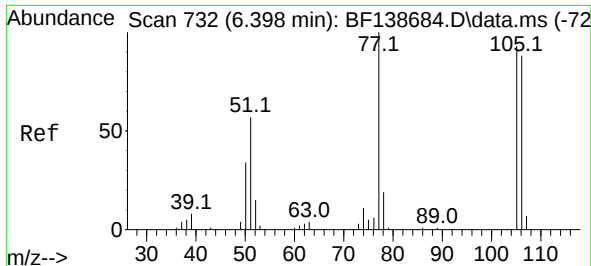
Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

64 56.6 36.3 76.3





#9

Benzaldehyde

Concen: 18.480 ng

RT: 6.393 min Scan# 71

Delta R.T. -0.005 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

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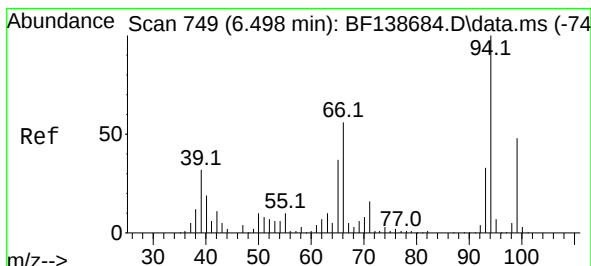
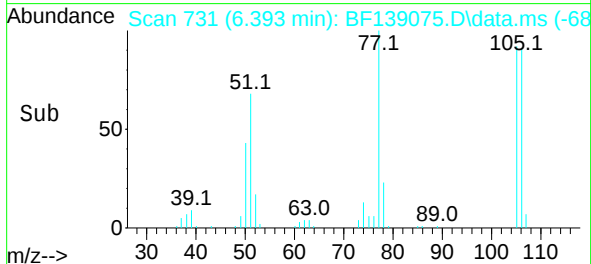
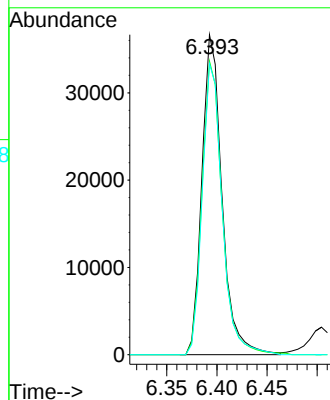
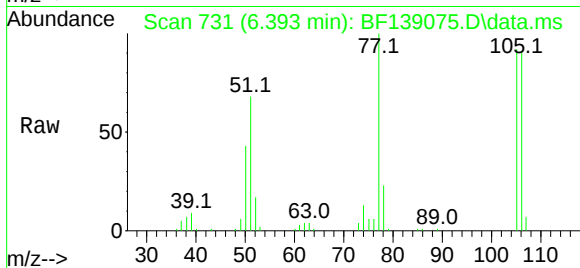
Tgt Ion: 77 Resp: 51275

Ion Ratio Lower Upper

77 100

105 91.7 72.9 112.9

106 90.9 68.4 108.4



#10

Phenol

Concen: 46.352 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

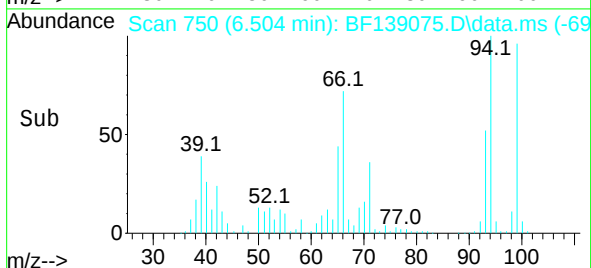
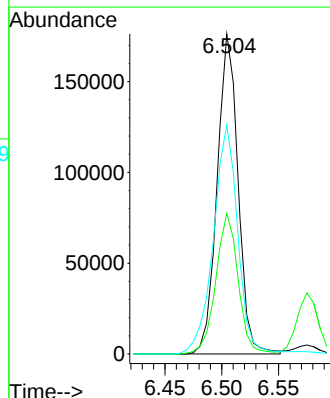
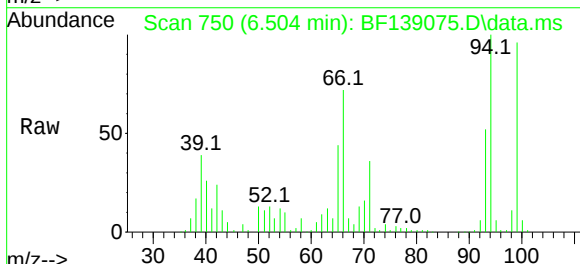
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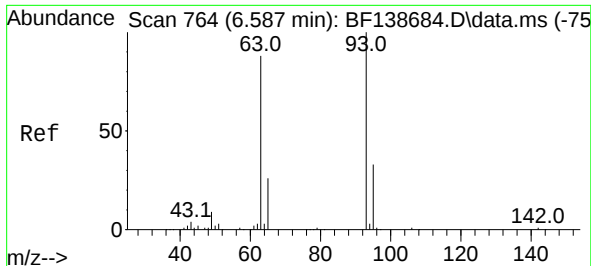
Ion Ratio Lower Upper

94 100

65 43.9 16.9 56.9

66 71.6 36.5 76.5





#11

bis(2-Chloroethyl)ether

Concen: 44.105 ng

RT: 6.575 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

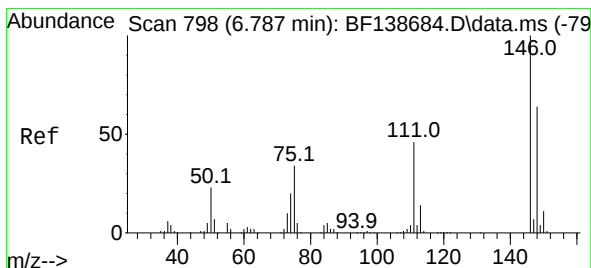
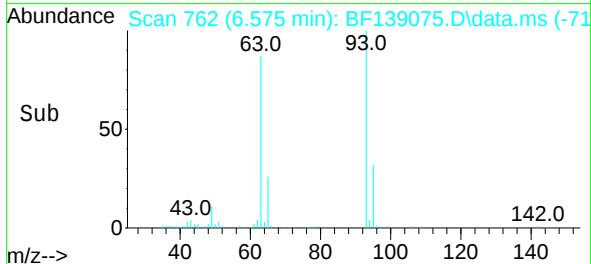
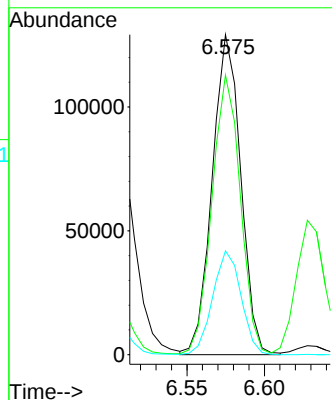
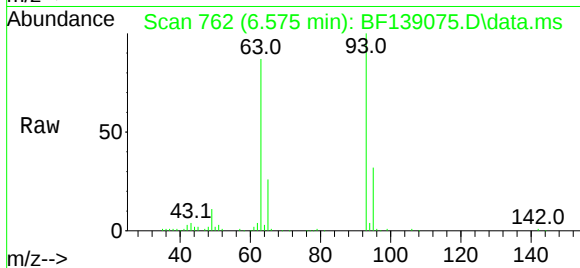
Tgt Ion: 93 Resp: 165401

Ion Ratio Lower Upper

93 100

63 87.4 65.3 105.3

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 44.142 ng

RT: 6.775 min Scan# 796

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

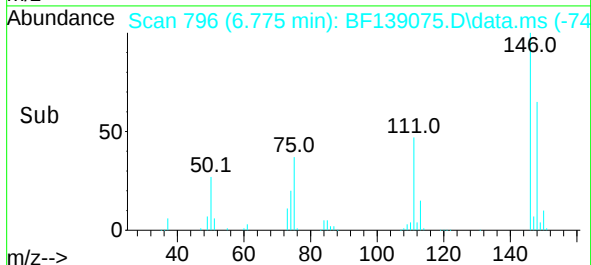
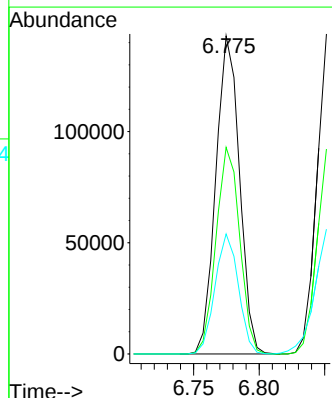
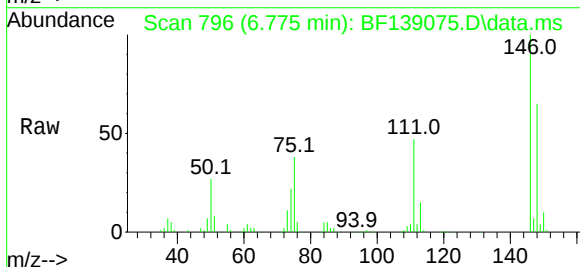
Tgt Ion:146 Resp: 179220

Ion Ratio Lower Upper

146 100

148 64.9 51.2 76.8

75 37.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.631 ng

RT: 6.851 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

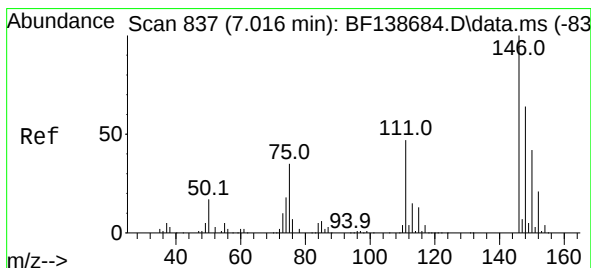
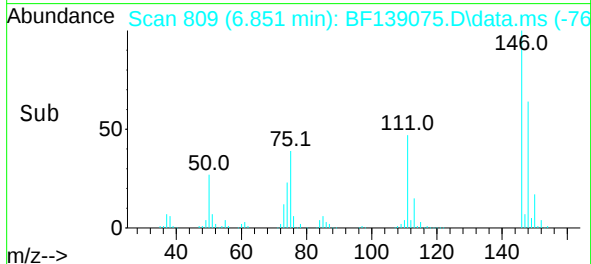
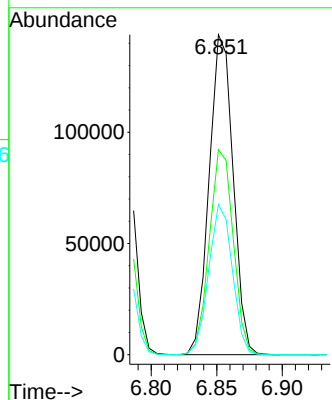
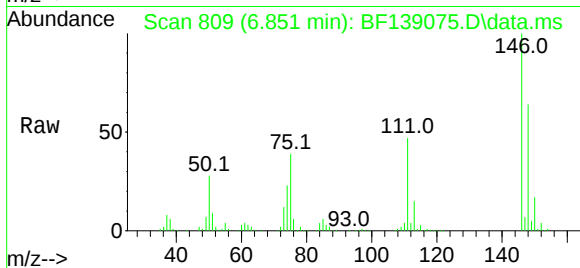
Tgt Ion:146 Resp: 182869

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

111 46.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 45.754 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

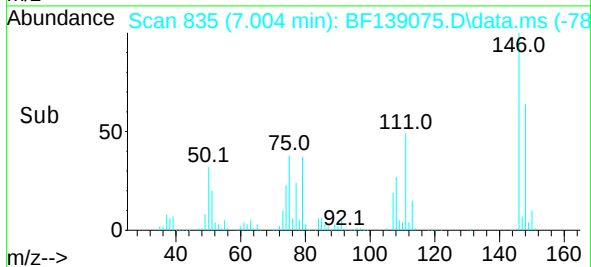
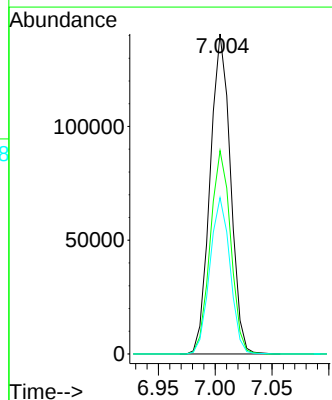
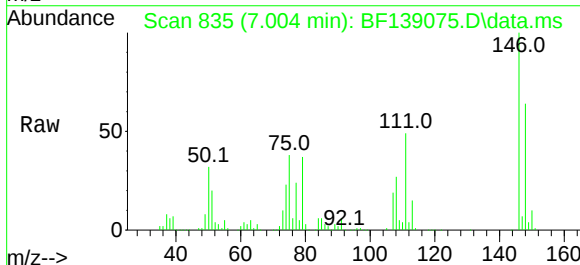
Tgt Ion:146 Resp: 175205

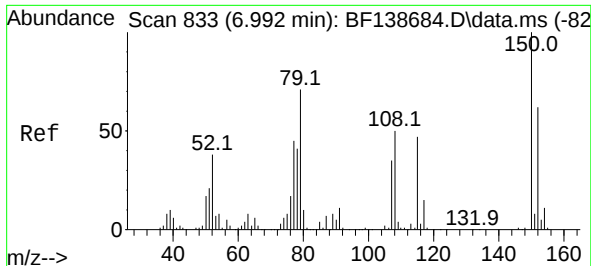
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 48.8 37.4 56.2

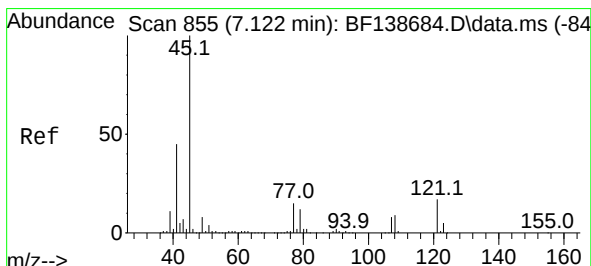
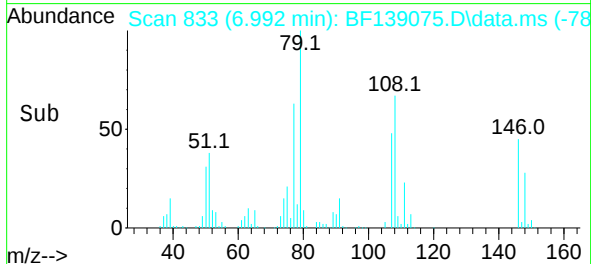
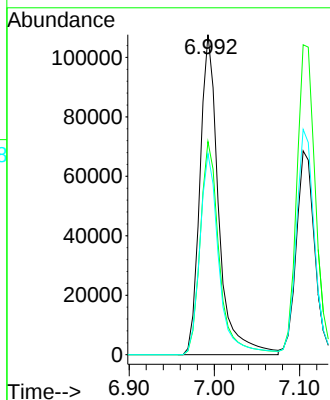
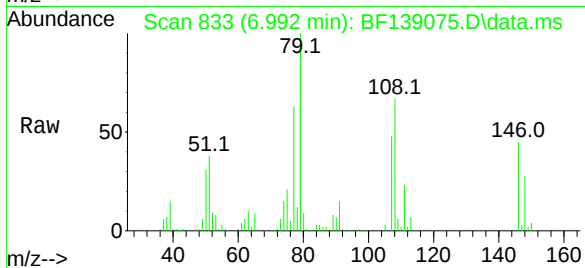




#15
Benzyl Alcohol
Concen: 49.346 ng
RT: 6.992 min Scan# 841
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

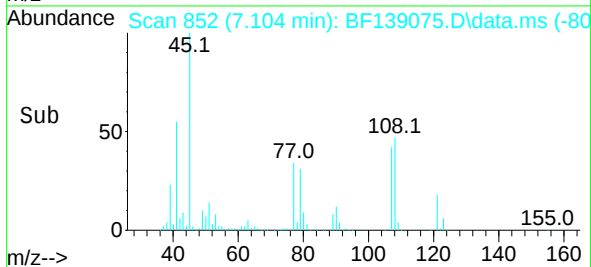
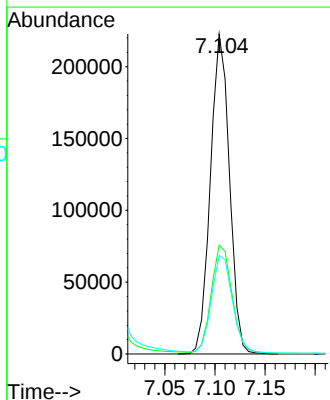
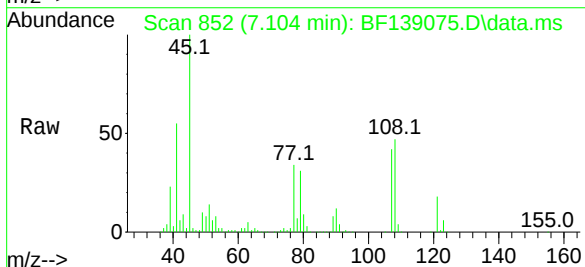
Instrument :
BNA_F
ClientSampleId :
PB162688BS

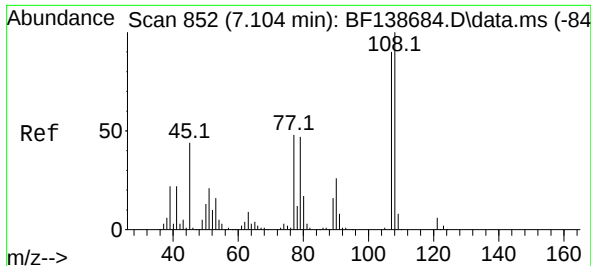
Tgt Ion: 79 Resp: 164617
Ion Ratio Lower Upper
79 100
108 66.6 56.6 85.0
77 62.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.542 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion: 45 Resp: 293921
Ion Ratio Lower Upper
45 100
77 34.0 0.0 34.9
79 30.8 0.0 32.2

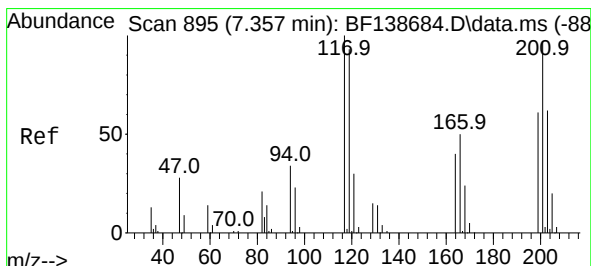
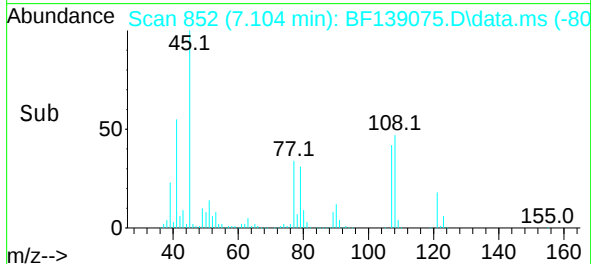
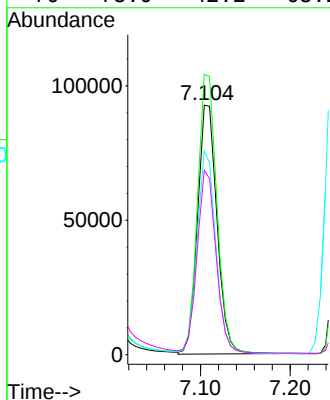
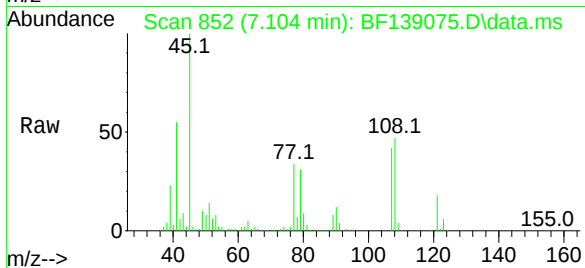




#17
2-Methylphenol
Concen: 46.510 ng
RT: 7.104 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

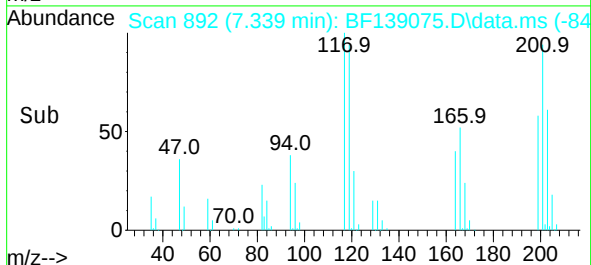
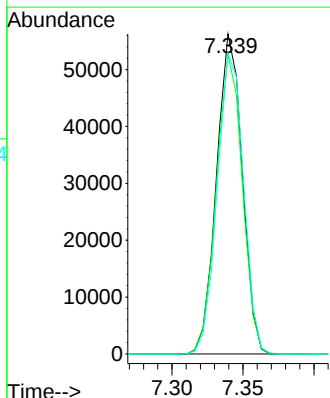
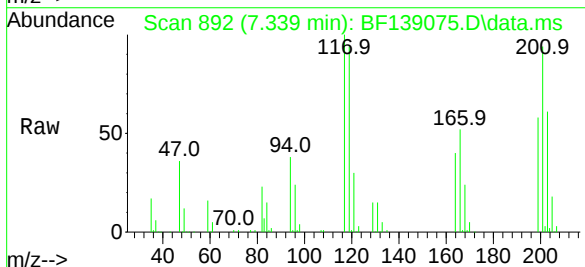
Instrument :
BNA_F
ClientSampleId :
PB162688BS

Tgt Ion:107 Resp: 139300
Ion Ratio Lower Upper
107 100
108 112.4 89.2 133.8
77 81.7 43.0 64.4#
79 73.9 42.2 63.2#



#18
Hexachloroethane
Concen: 45.925 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:117 Resp: 70832
Ion Ratio Lower Upper
117 100
119 93.6 74.6 111.8
201 94.0 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 50.005 ng

RT: 7.257 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF139075.D

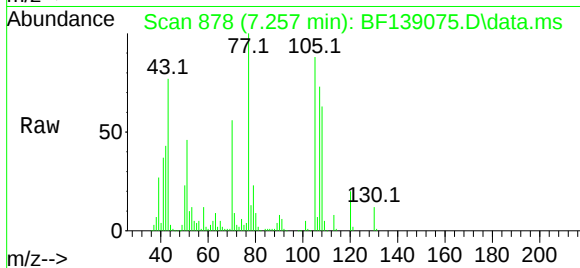
Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS



Tgt Ion: 70 Resp: 139791

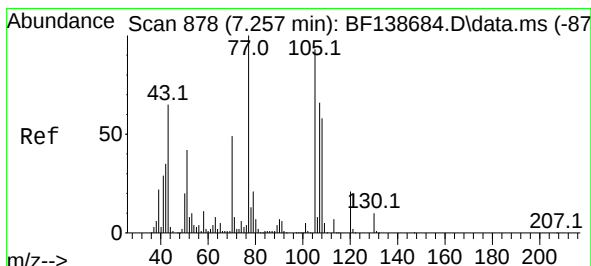
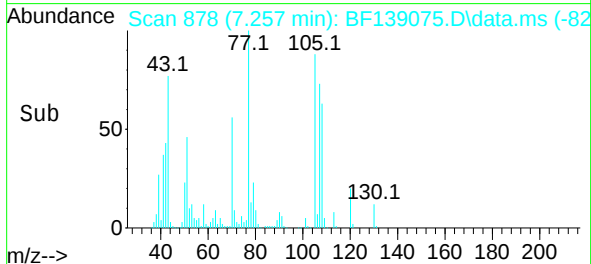
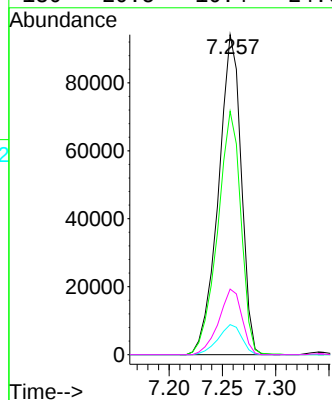
Ion Ratio Lower Upper

70 100

42 76.1 57.4 86.0

101 9.4 7.5 11.3

130 20.5 16.4 24.6



#20

3+4-Methylphenols

Concen: 48.791 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:107 Resp: 187490

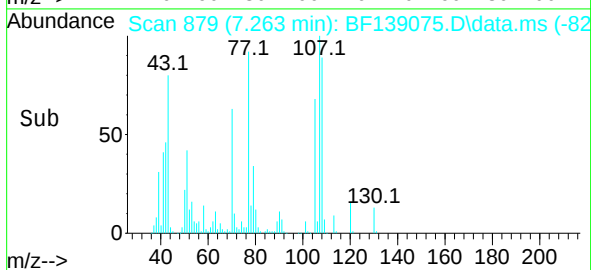
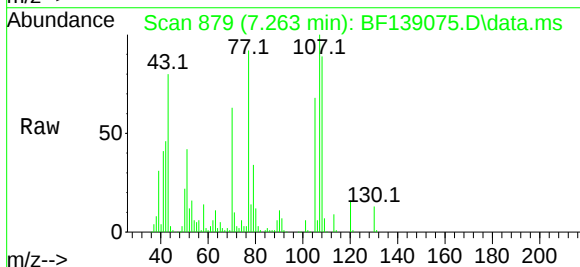
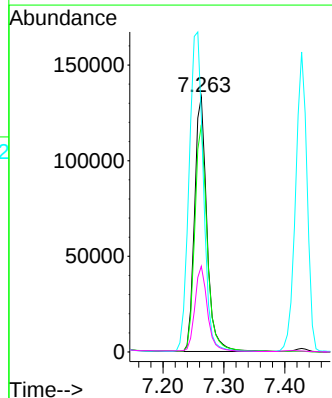
Ion Ratio Lower Upper

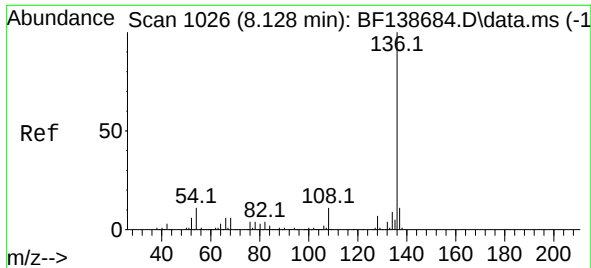
107 100

108 88.9 68.2 108.2

77 92.1 132.1 172.1#

79 33.6 11.5 51.5

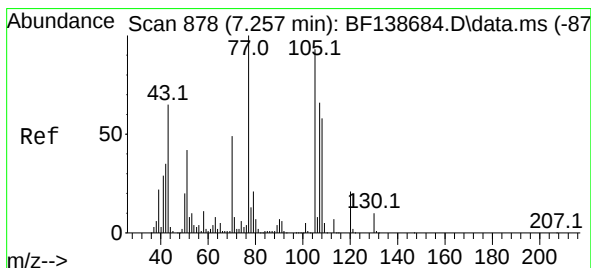
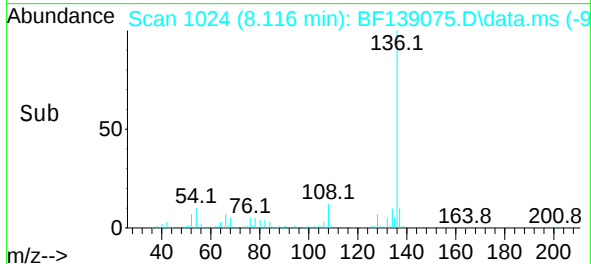
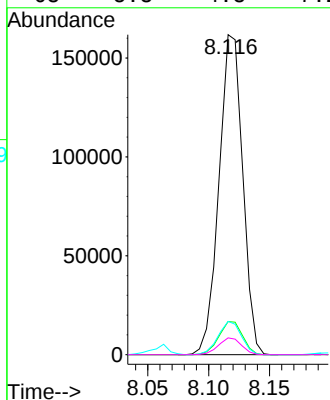
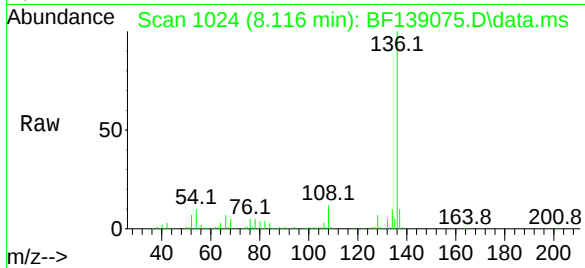




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

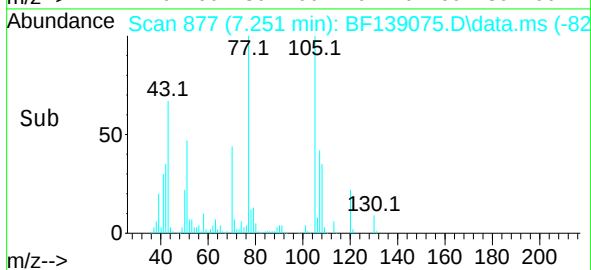
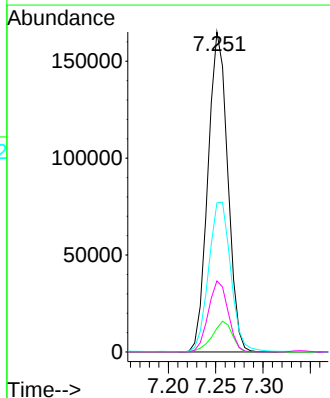
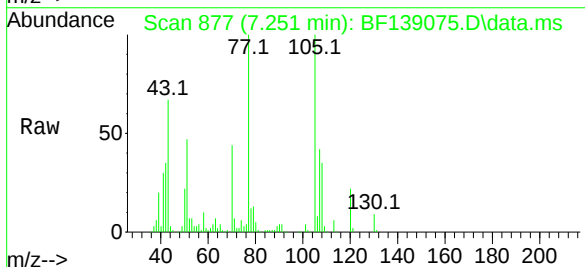
Instrument :
BNA_F
ClientSampleId :
PB162688BS

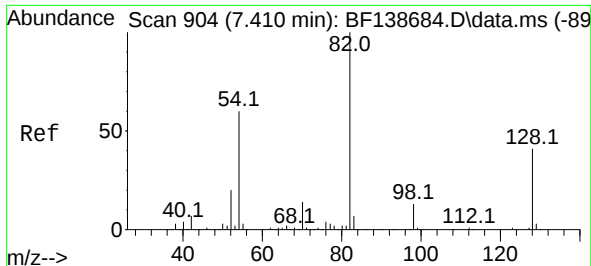
Tgt	Ion:136	Resp:	219351
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.4	8.6	12.8
68	5.3	4.8	7.2



#22
Acetophenone
Concen: 44.762 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt	Ion:105	Resp:	240406
Ion	Ratio	Lower	Upper
105	100		
71	7.4	7.2	10.8
51	46.6	35.9	53.9
120	22.2	17.6	26.4





#23

Nitrobenzene-d5

Concen: 87.618 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

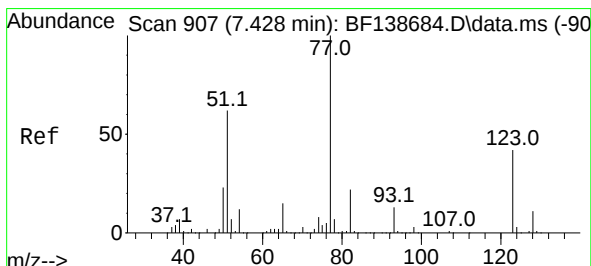
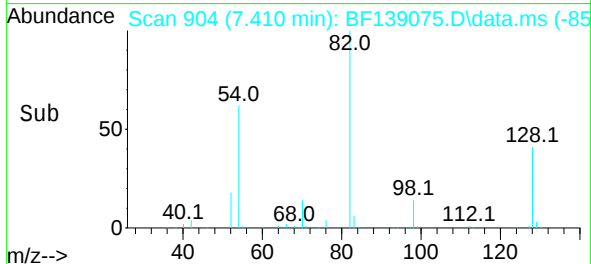
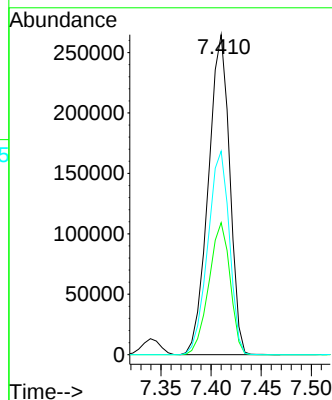
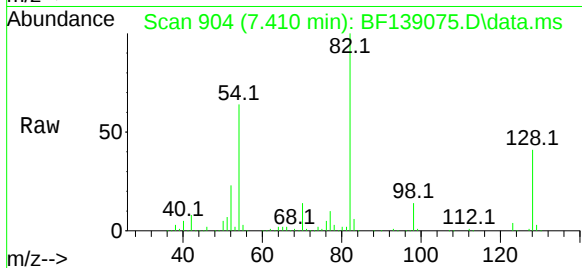
Tgt Ion: 82 Resp: 393098

Ion Ratio Lower Upper

82 100

128 41.2 32.8 49.2

54 63.6 48.3 72.5



#24

Nitrobenzene

Concen: 44.896 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

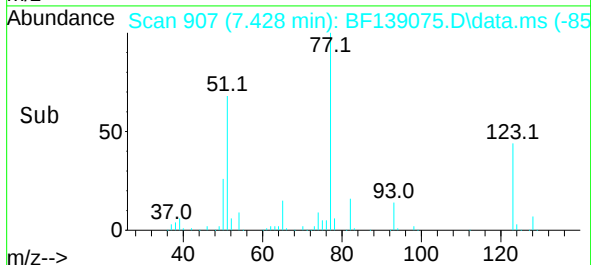
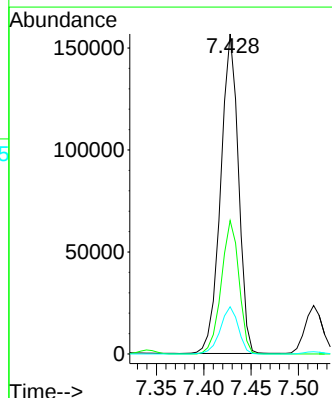
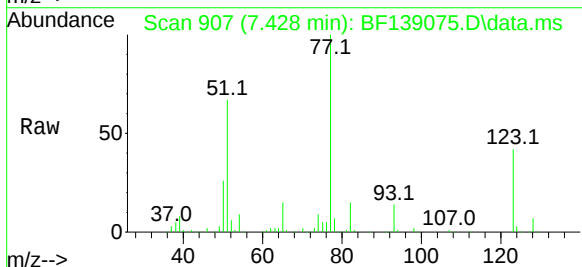
Tgt Ion: 77 Resp: 204964

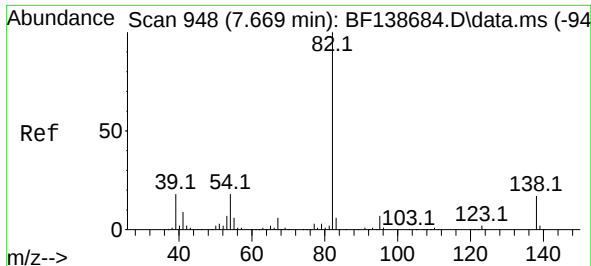
Ion Ratio Lower Upper

77 100

123 41.7 33.3 49.9

65 14.8 11.9 17.9





#25

Isophorone

Concen: 46.815 ng

RT: 7.663 min Scan# 948

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

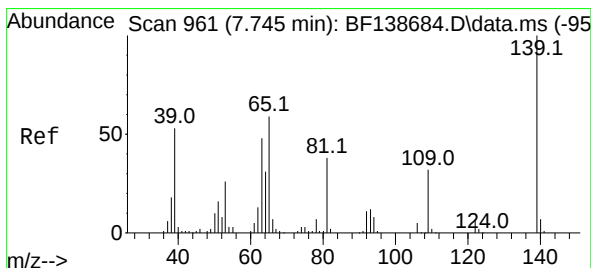
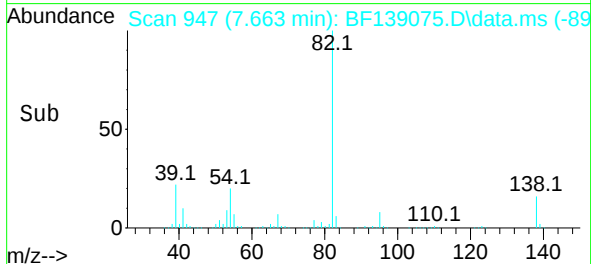
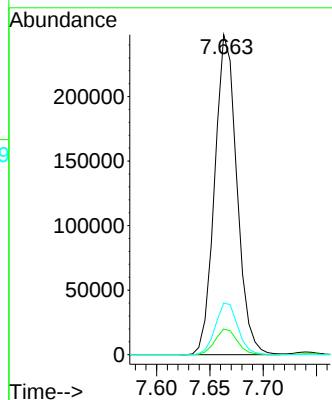
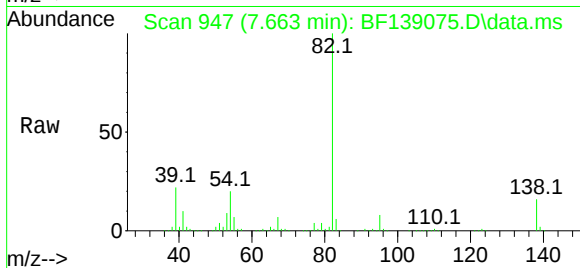
Tgt Ion: 82 Resp: 358647

Ion Ratio Lower Upper

82 100

95 8.0 5.7 8.5

138 16.2 13.7 20.5



#26

2-Nitrophenol

Concen: 46.828 ng

RT: 7.739 min Scan# 960

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

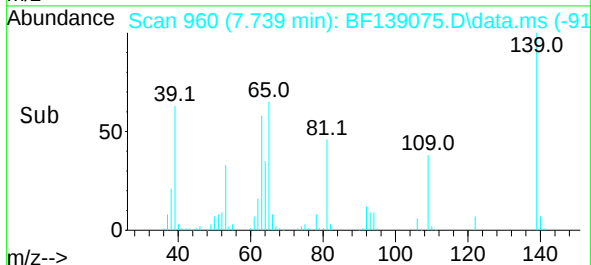
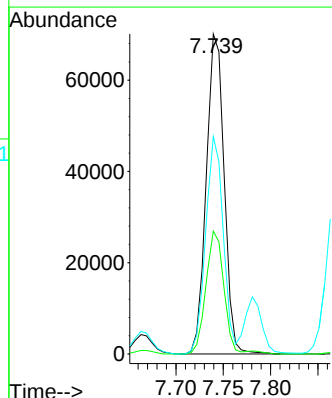
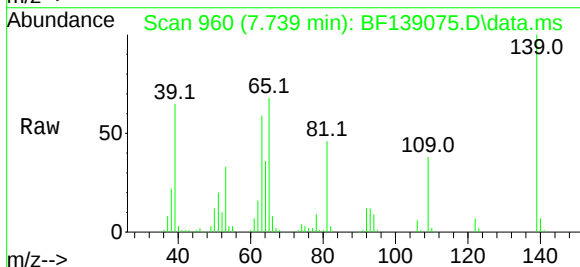
Tgt Ion: 139 Resp: 91978

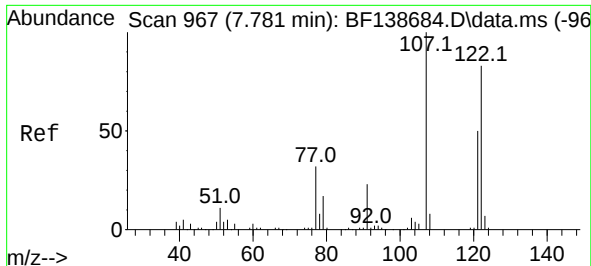
Ion Ratio Lower Upper

139 100

109 38.4 25.9 38.9

65 67.9 47.0 70.6

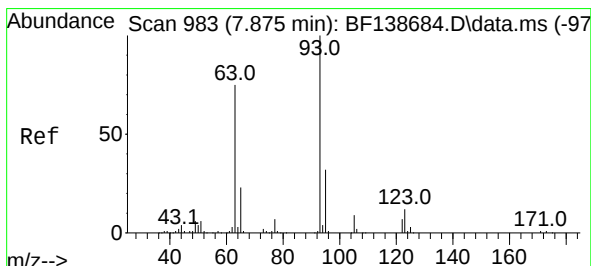
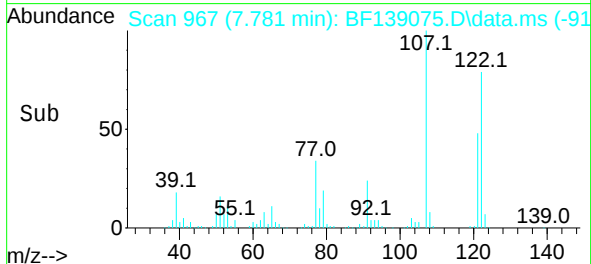
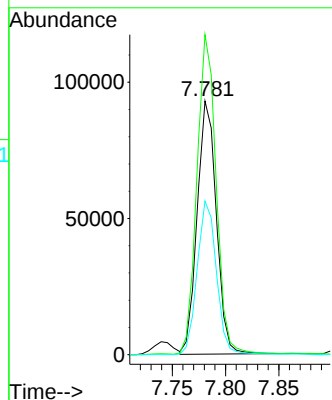
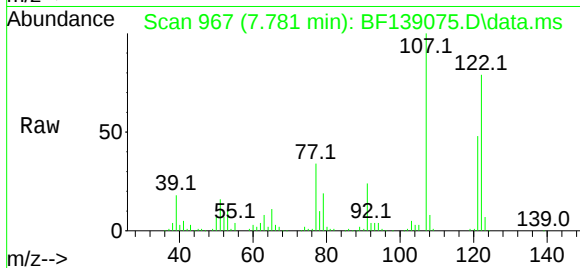




#27
2,4-Dimethylphenol
Concen: 49.638 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

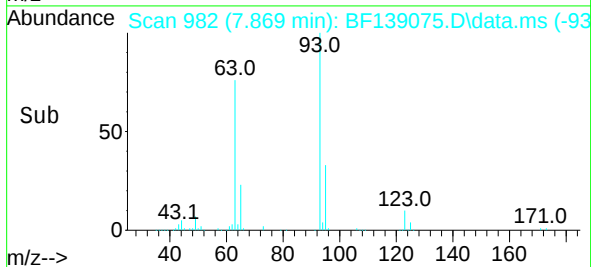
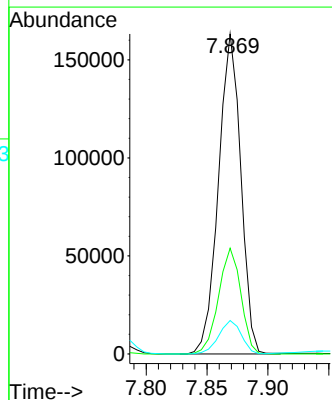
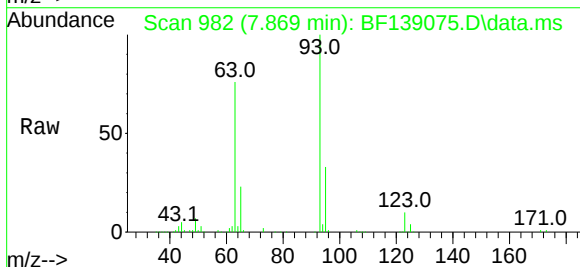
Instrument :
BNA_F
ClientSampleId :
PB162688BS

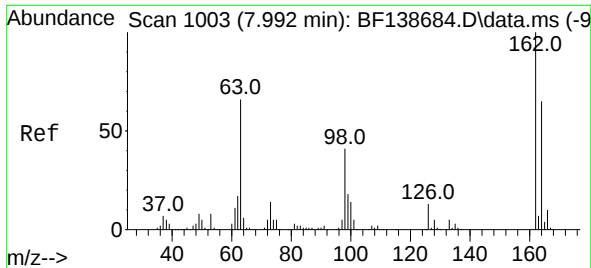
Tgt Ion:122 Resp: 116651
Ion Ratio Lower Upper
122 100
107 126.2 95.0 142.6
121 60.6 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.650 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

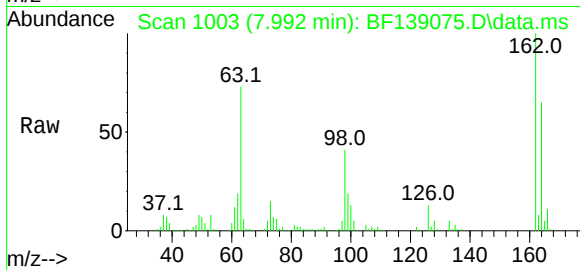
Tgt Ion: 93 Resp: 208302
Ion Ratio Lower Upper
93 100
95 33.0 25.8 38.8
123 10.5 9.4 14.0



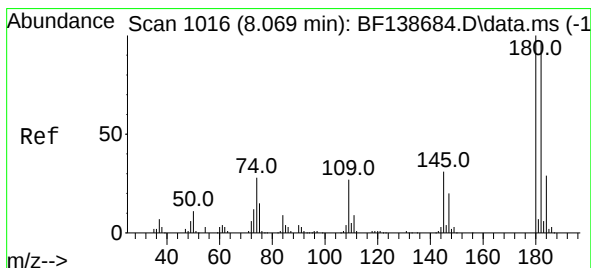
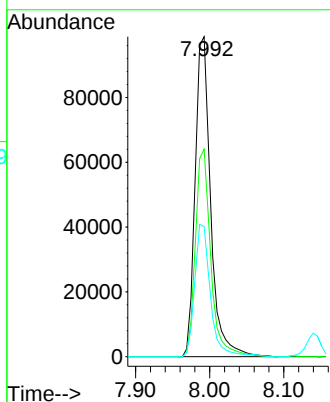
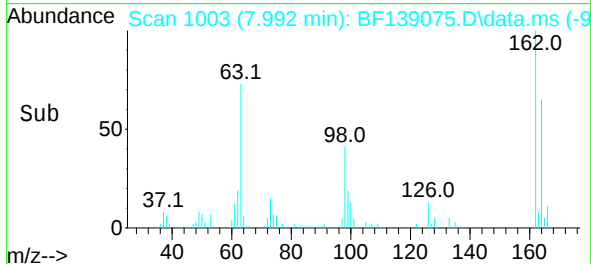


#29
2,4-Dichlorophenol
Concen: 47.651 ng
RT: 7.992 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

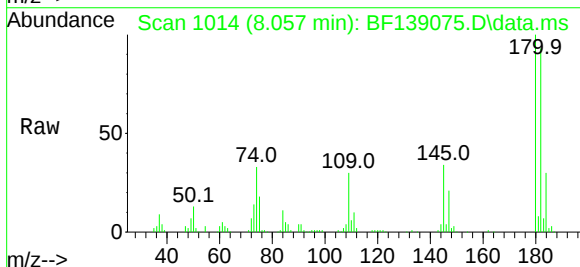
Instrument :
BNA_F
ClientSampleId :
PB162688BS



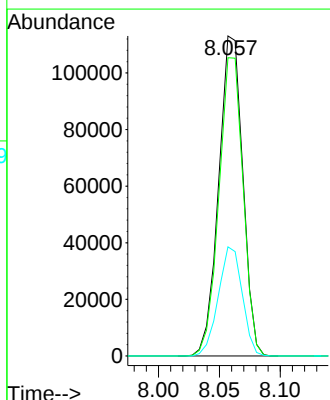
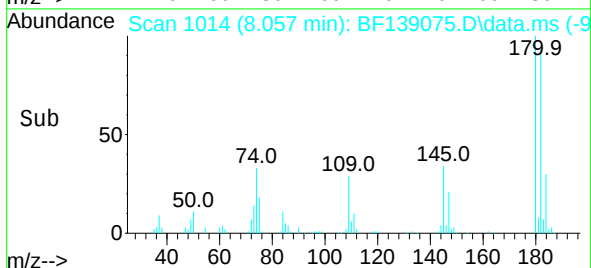
Tgt Ion:162 Resp: 143895
Ion Ratio Lower Upper
162 100
164 64.8 44.7 84.7
98 40.7 20.8 60.8

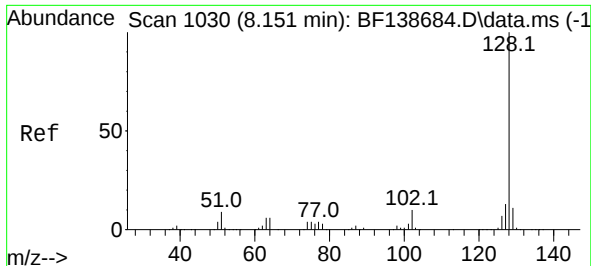


#30
1,2,4-Trichlorobenzene
Concen: 44.690 ng
RT: 8.057 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



Tgt Ion:180 Resp: 155740
Ion Ratio Lower Upper
180 100
182 93.2 76.9 115.3
145 34.1 25.0 37.4





#31

Naphthalene

Concen: 44.681 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

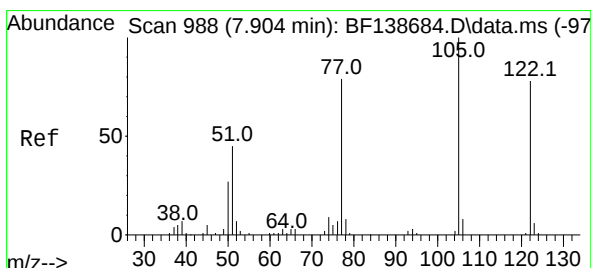
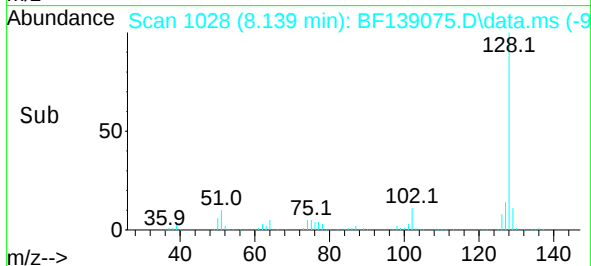
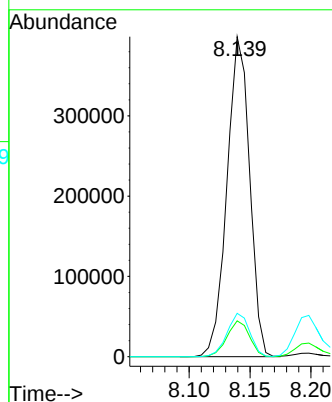
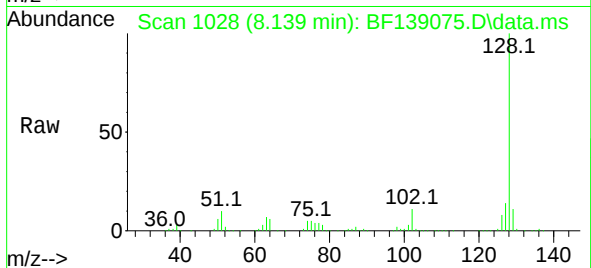
Tgt Ion:128 Resp: 515886

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.6 10.6 16.0



#32

Benzoic acid

Concen: 30.053 ng

RT: 7.951 min Scan# 996

Delta R.T. 0.047 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

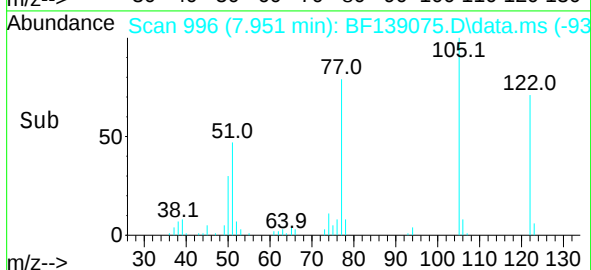
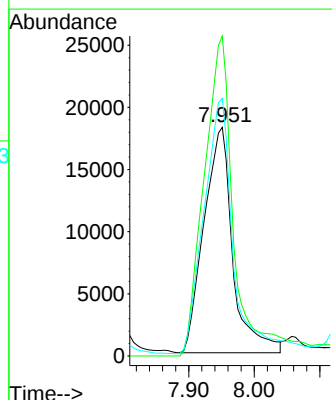
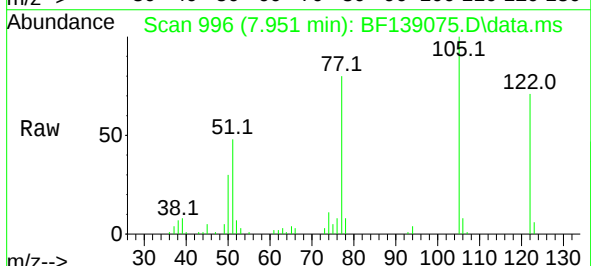
Tgt Ion:122 Resp: 55518

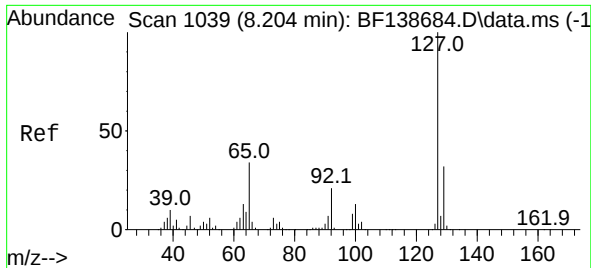
Ion Ratio Lower Upper

122 100

105 139.9 106.7 146.7

77 112.6 81.1 121.1

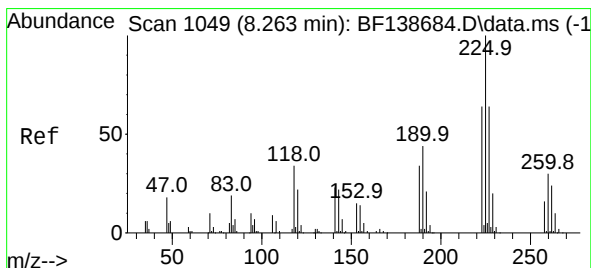
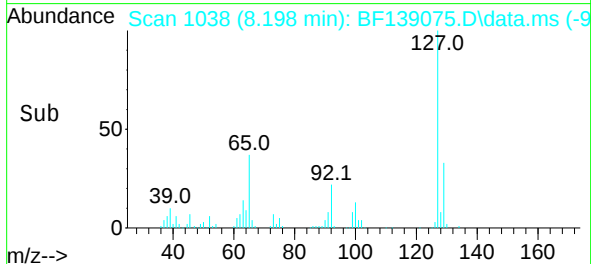
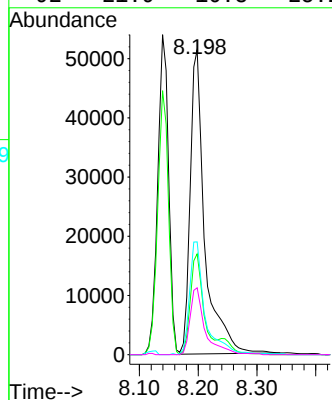
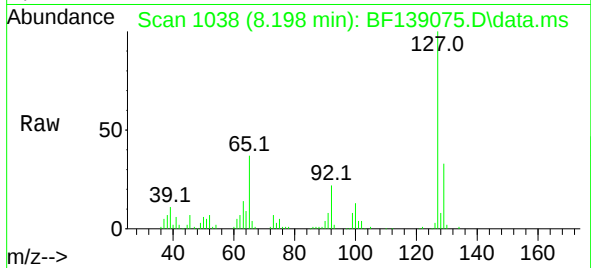




#33
4-Chloroaniline
Concen: 22.906 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

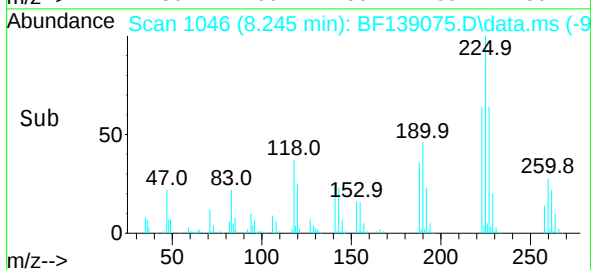
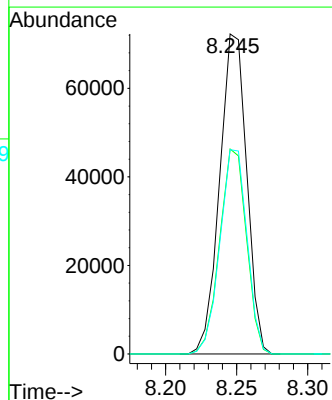
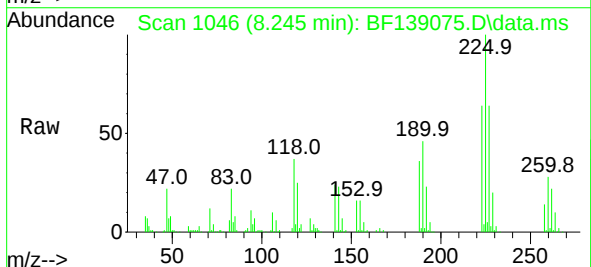
Instrument :
BNA_F
ClientSampleId :
PB162688BS

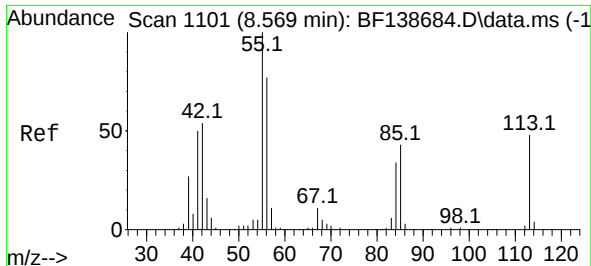
Tgt Ion:	127	Resp:	88778
Ion Ratio	Lower	Upper	
127	100		
129	33.1	25.9	38.9
65	37.0	27.6	41.4
92	21.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 45.372 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.018 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:	225	Resp:	95770
Ion Ratio	Lower	Upper	
225	100		
223	64.1	51.2	76.8
227	63.8	51.1	76.7





#35

Caprolactam

Concen: 28.701 ng

RT: 8.586 min Scan# 1101

Delta R.T. 0.018 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

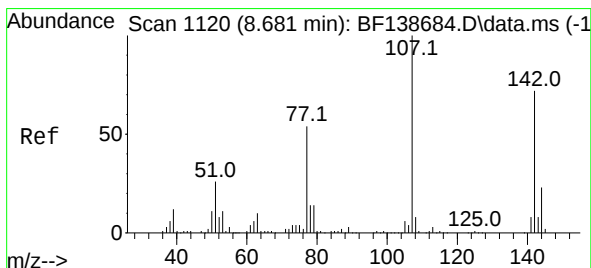
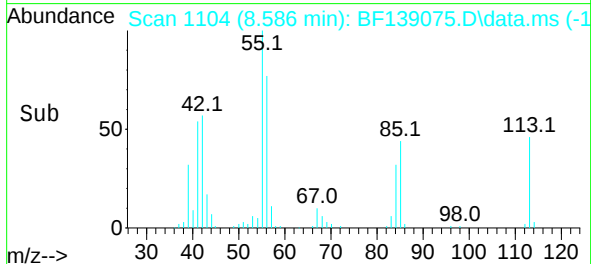
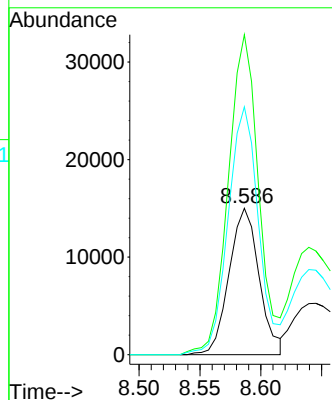
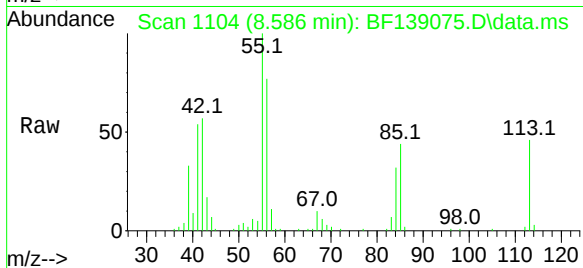
Tgt Ion:113 Resp: 25861

Ion Ratio Lower Upper

113 100

55 218.6 186.7 226.7

56 169.3 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 47.907 ng

RT: 8.692 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

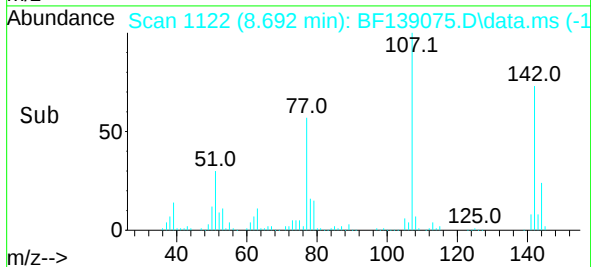
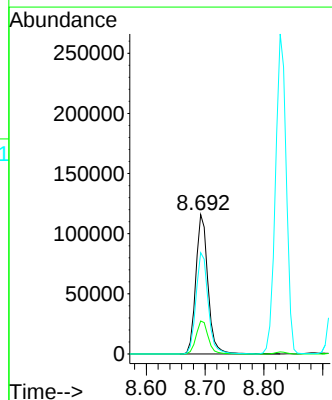
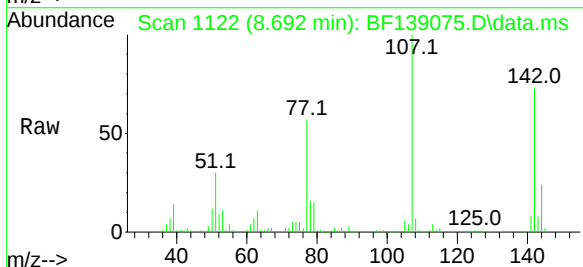
Tgt Ion:107 Resp: 165335

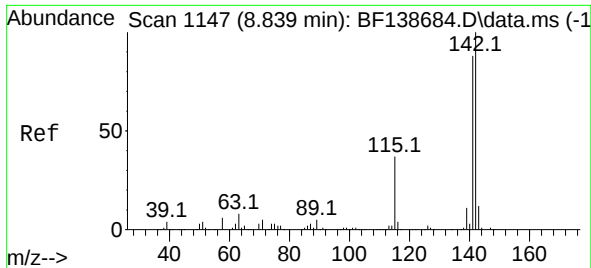
Ion Ratio Lower Upper

107 100

144 23.6 18.2 27.2

142 72.7 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.577 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

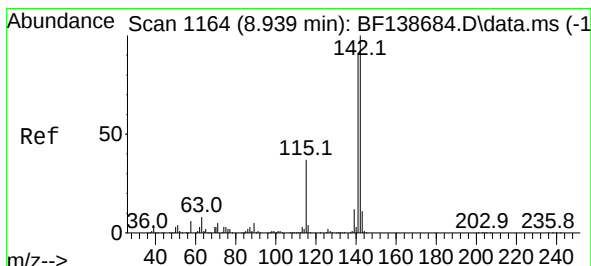
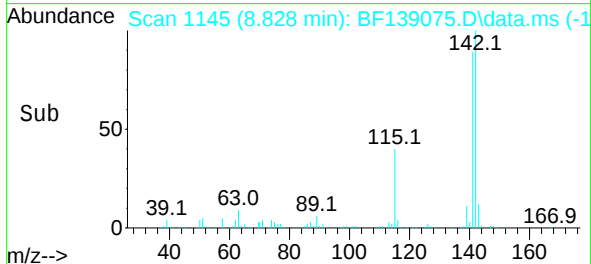
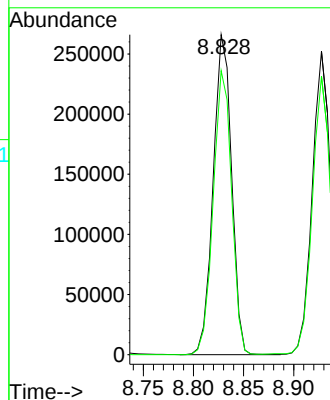
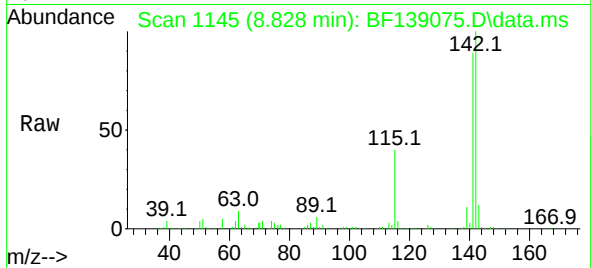
PB162688BS

Tgt Ion:142 Resp: 339631

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 44.231 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139075.D

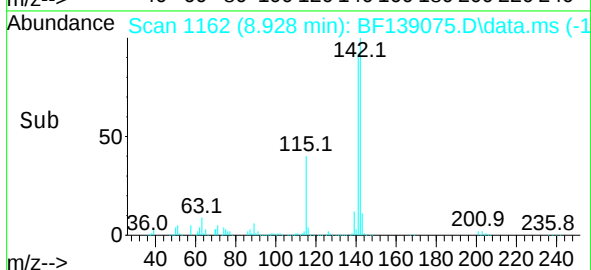
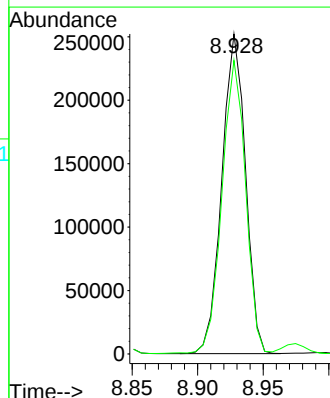
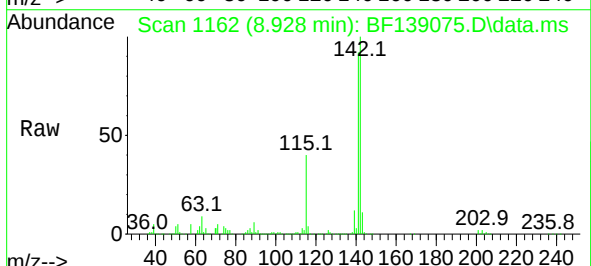
Acq: 19 Aug 2024 15:47

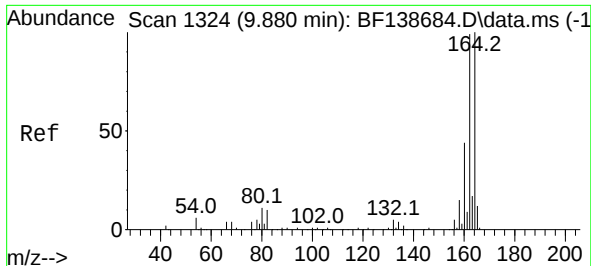
Tgt Ion:142 Resp: 316050

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

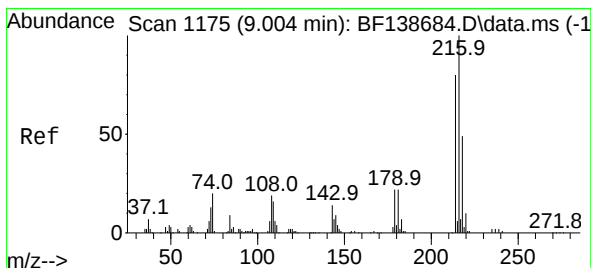
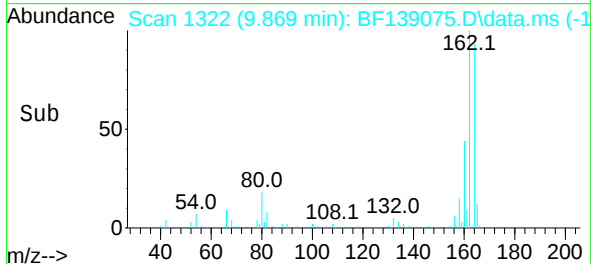
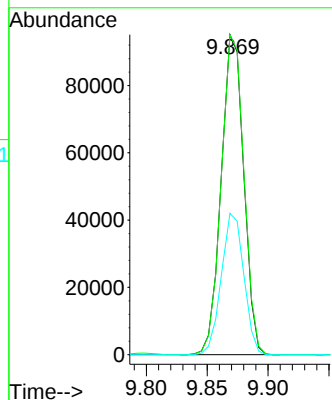
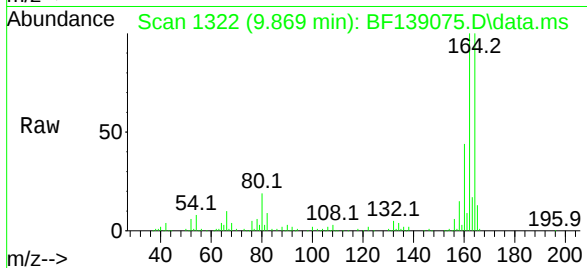
Tgt Ion:164 Resp: 122326

Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.0

160 44.2 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.568 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:216 Resp: 144648

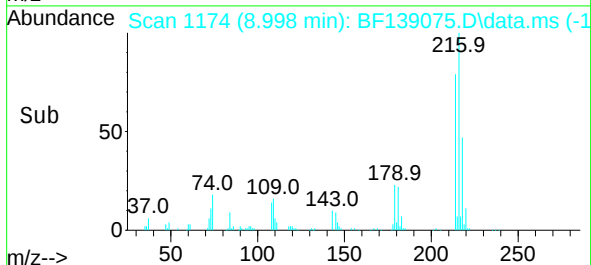
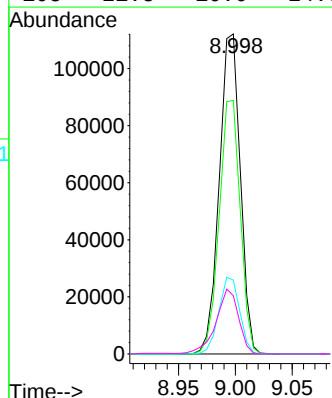
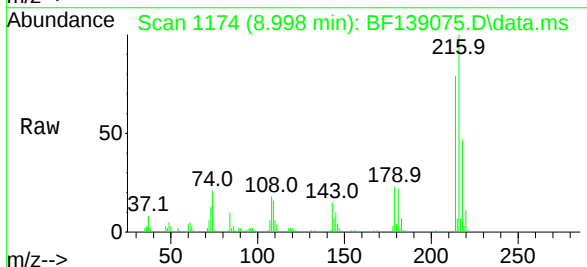
Ion Ratio Lower Upper

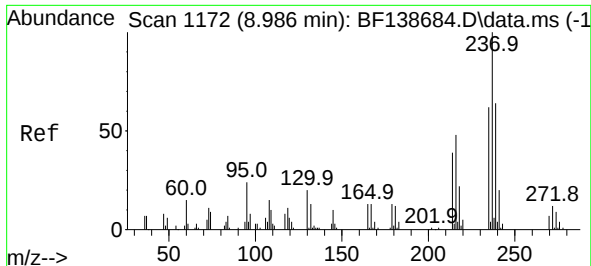
216 100

214 79.3 63.9 95.9

179 23.7 17.8 26.6

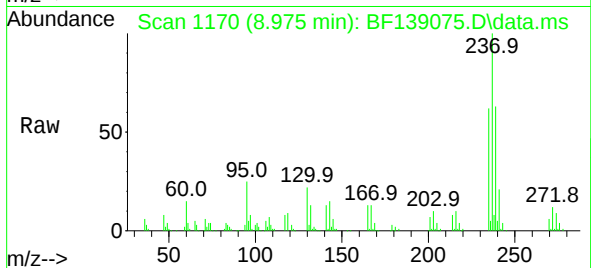
108 21.8 16.0 24.0



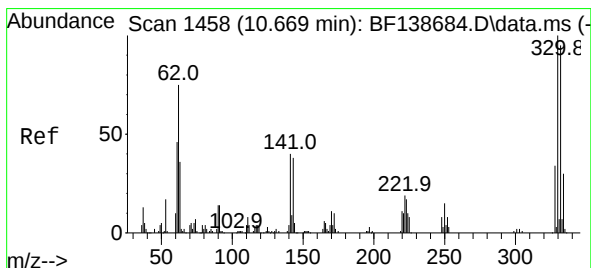
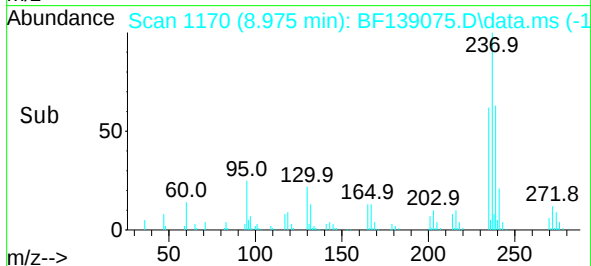
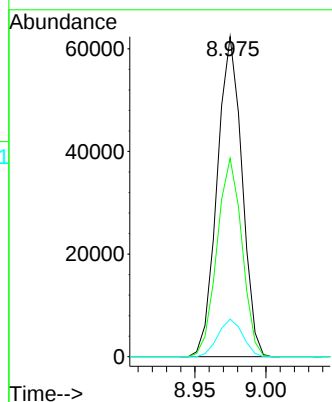


#41
Hexachlorocyclopentadiene
Concen: 83.846 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Instrument :
BNA_F
ClientSampleId :
PB162688BS

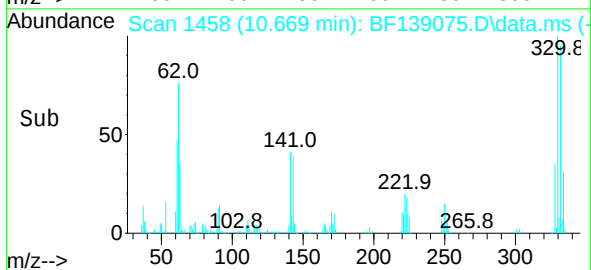
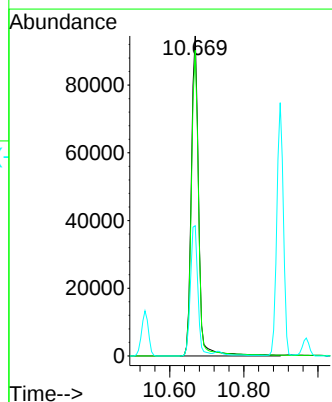
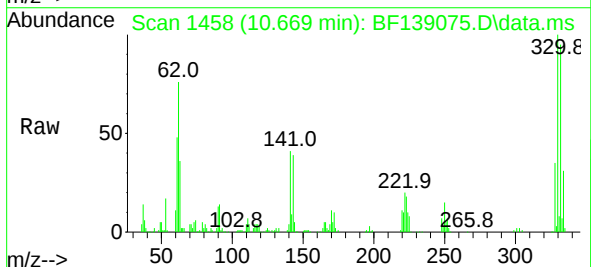


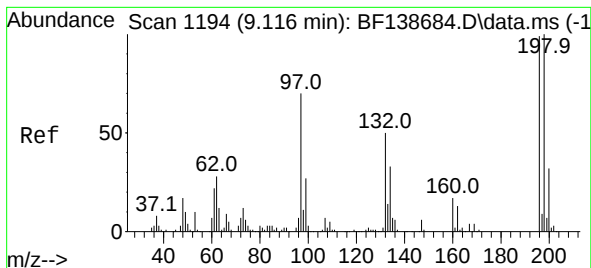
Tgt Ion:237 Resp: 75743
Ion Ratio Lower Upper
237 100
235 62.0 41.8 81.8
272 11.7 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 130.664 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:330 Resp: 130927
Ion Ratio Lower Upper
330 100
332 92.7 76.4 114.6
141 41.0 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 43.928 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

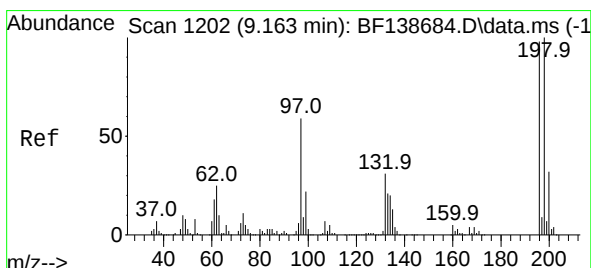
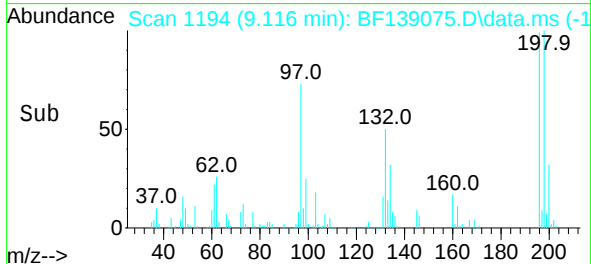
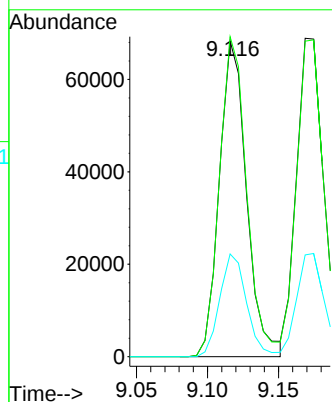
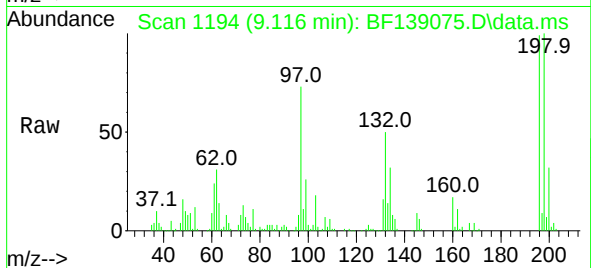
Tgt Ion:196 Resp: 91011

Ion Ratio Lower Upper

196 100

198 101.3 80.5 120.7

200 32.5 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 43.196 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:196 Resp: 97838

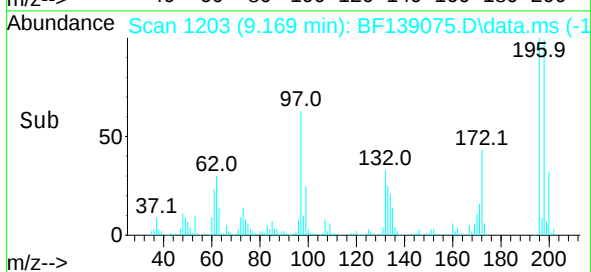
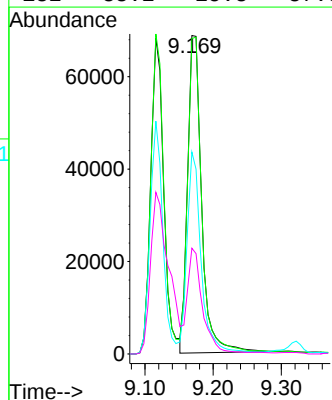
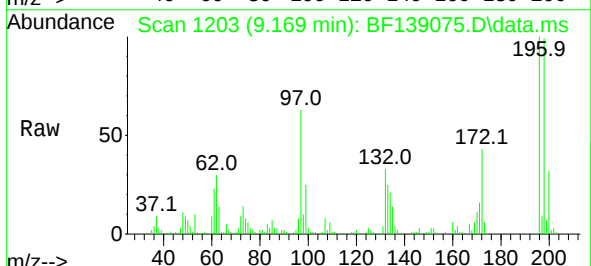
Ion Ratio Lower Upper

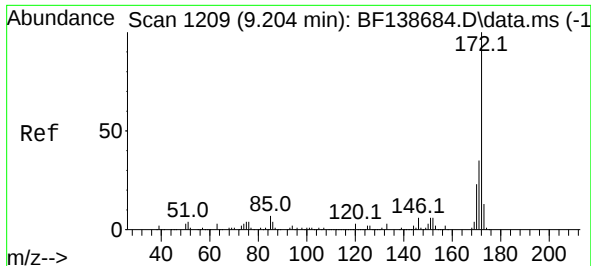
196 100

198 99.1 81.2 121.8

97 63.4 47.8 71.6

132 33.2 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 87.738 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

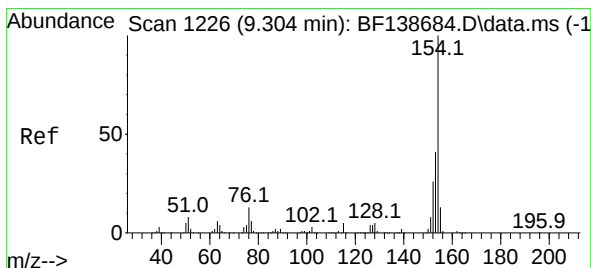
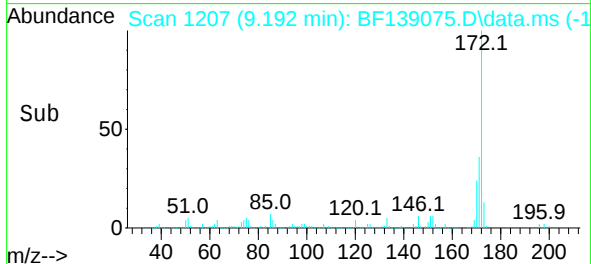
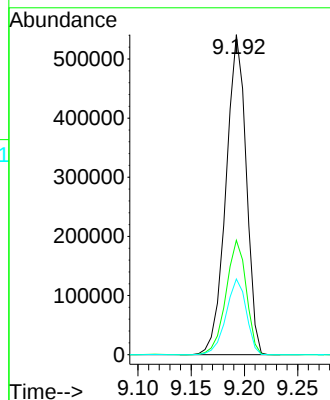
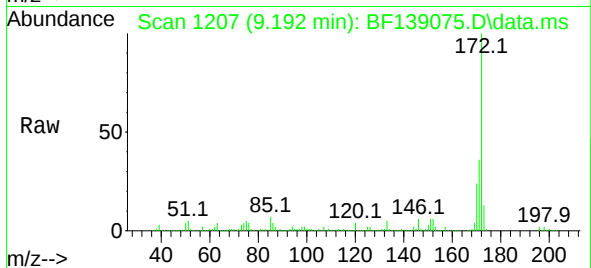
Tgt Ion:172 Resp: 714318

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 18.8 28.2



#46

1,1'-Biphenyl

Concen: 42.526 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

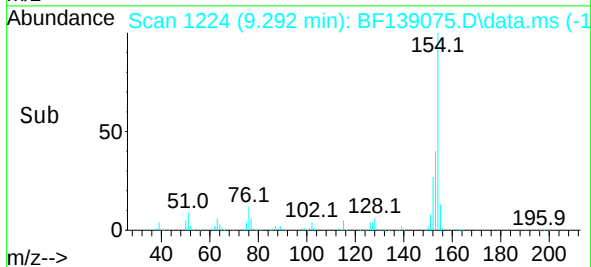
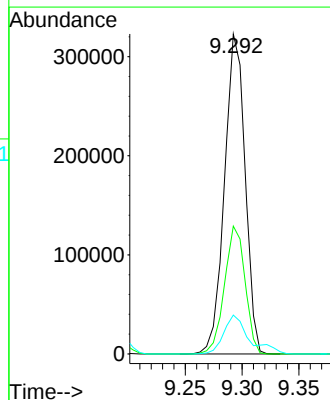
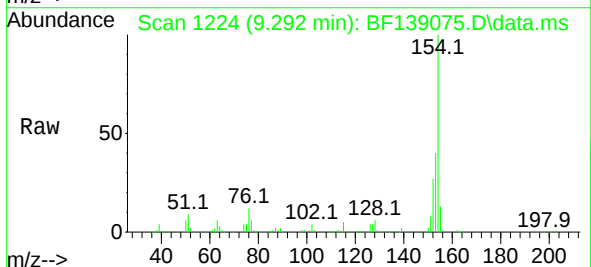
Tgt Ion:154 Resp: 407420

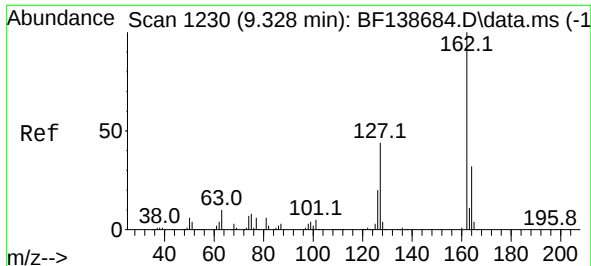
Ion Ratio Lower Upper

154 100

153 40.0 20.8 60.8

76 12.2 0.0 32.8





#47

2-Chloronaphthalene

Concen: 44.324 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

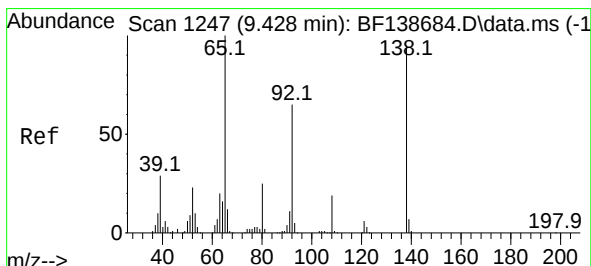
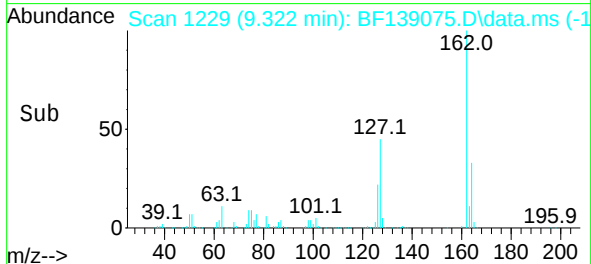
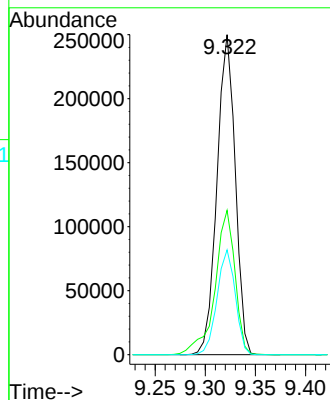
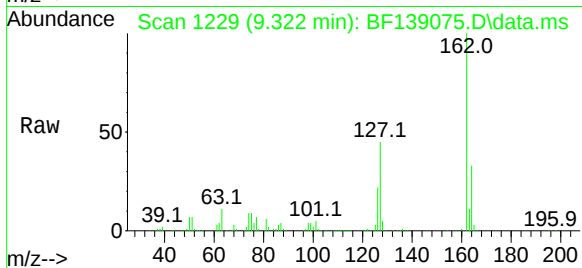
Tgt Ion:162 Resp: 315823

Ion Ratio Lower Upper

162 100

127 45.1 35.4 53.2

164 32.8 25.6 38.4



#48

2-Nitroaniline

Concen: 48.831 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

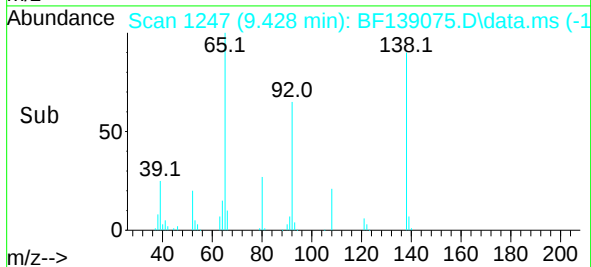
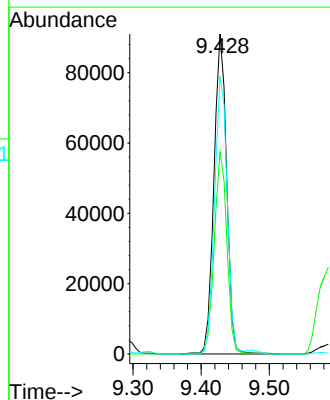
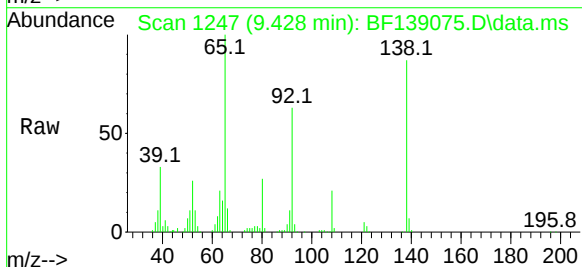
Tgt Ion: 65 Resp: 117954

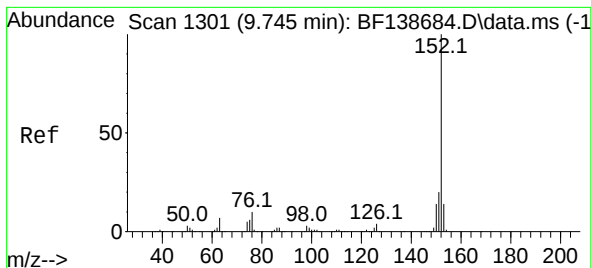
Ion Ratio Lower Upper

65 100

92 63.0 52.0 78.0

138 86.7 76.2 114.4





#49

Acenaphthylene

Concen: 48.591 ng

RT: 9.733 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

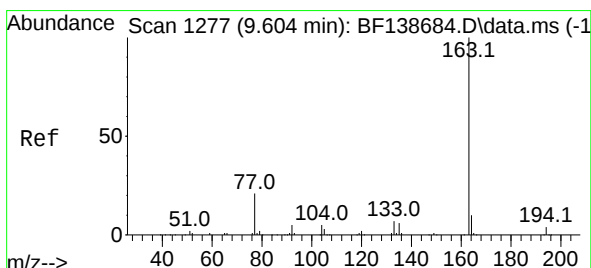
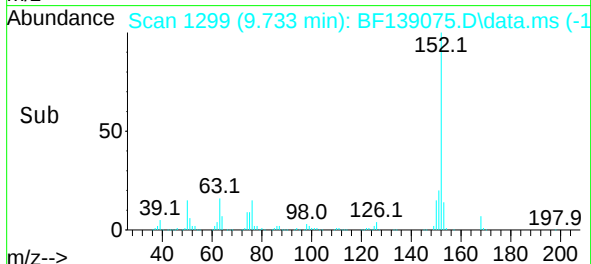
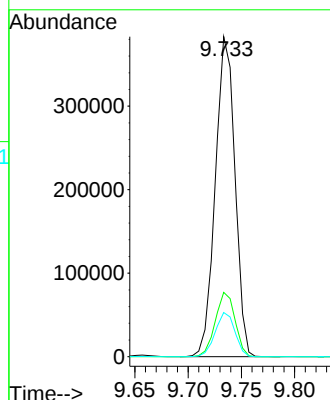
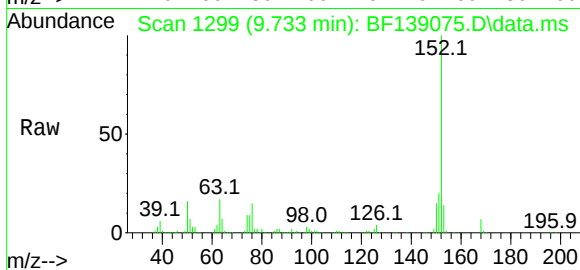
Tgt Ion:152 Resp: 491050

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.8 11.0 16.4



#50

Dimethylphthalate

Concen: 49.111 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

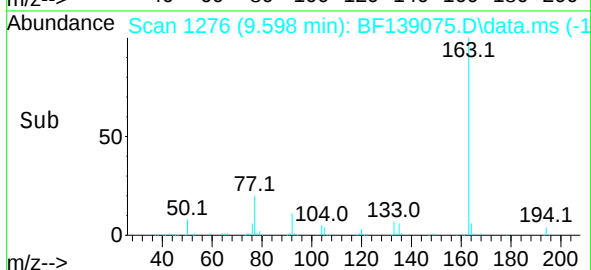
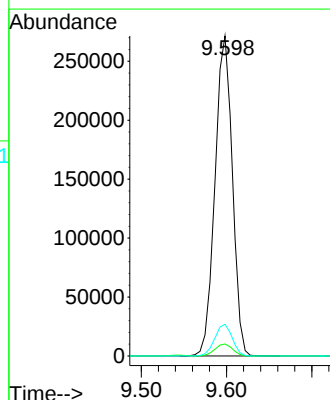
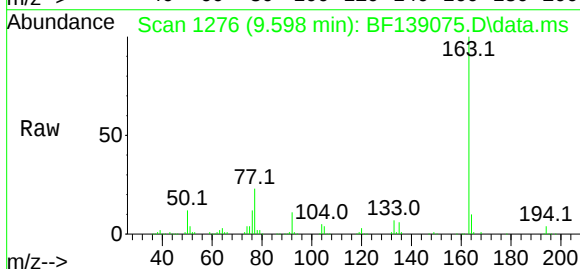
Tgt Ion:163 Resp: 384129

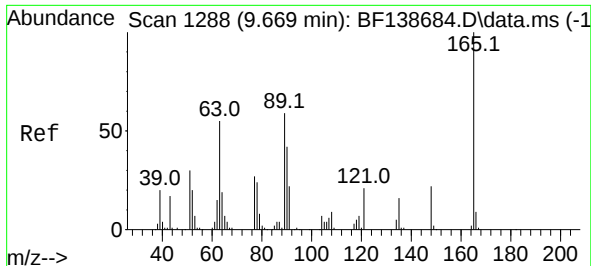
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 46.002 ng

RT: 9.669 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

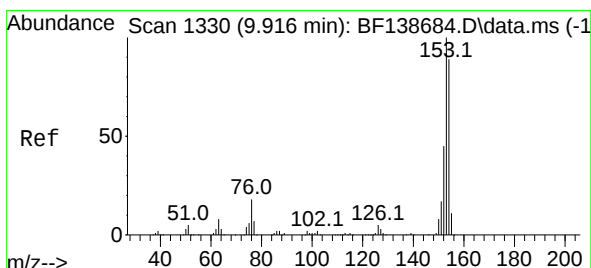
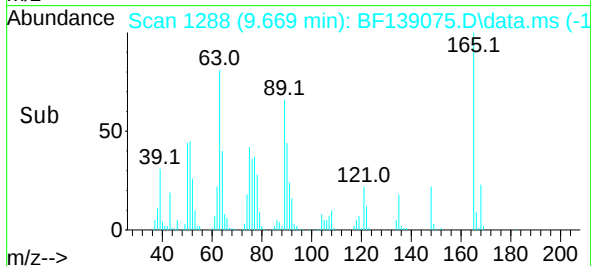
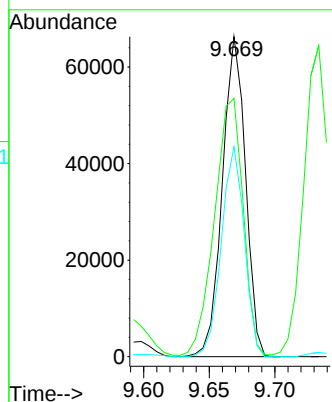
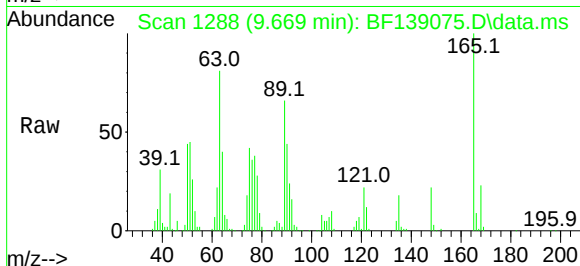
Tgt Ion:165 Resp: 81204

Ion Ratio Lower Upper

165 100

63 80.7 52.0 78.0#

89 65.6 47.0 70.6



#52

Acenaphthene

Concen: 44.836 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

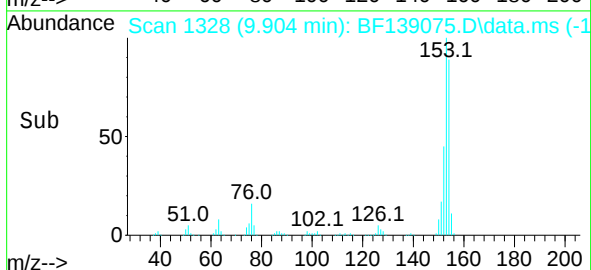
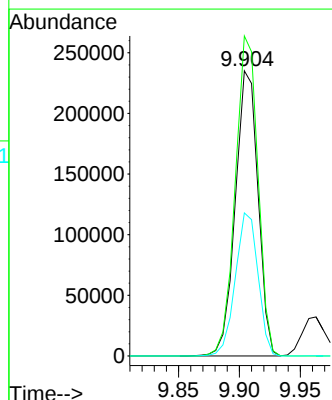
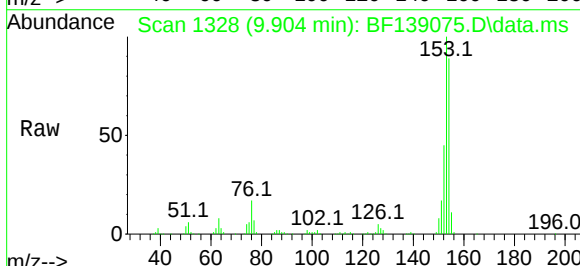
Tgt Ion:154 Resp: 304580

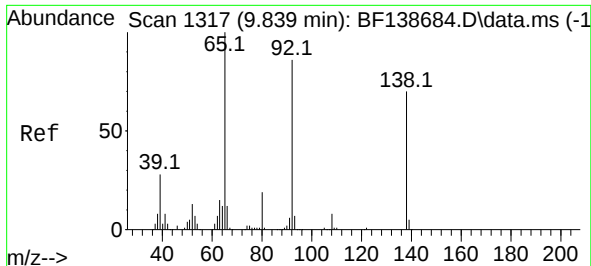
Ion Ratio Lower Upper

154 100

153 112.3 89.9 134.9

152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 31.789 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

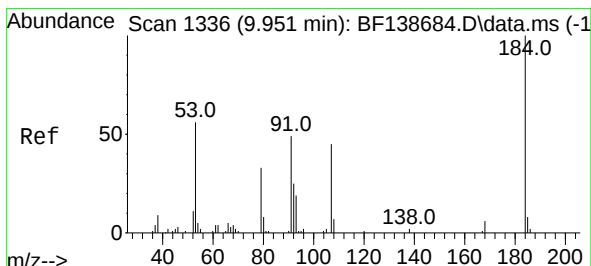
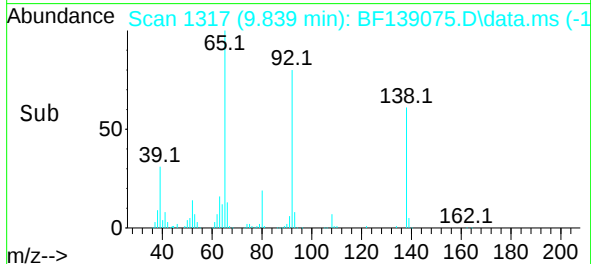
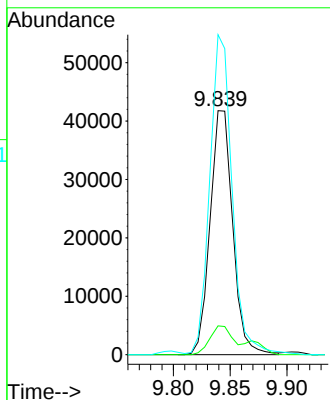
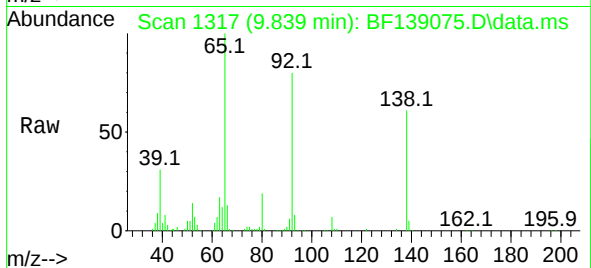
Tgt Ion:138 Resp: 58010

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

92 131.1 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 80.928 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

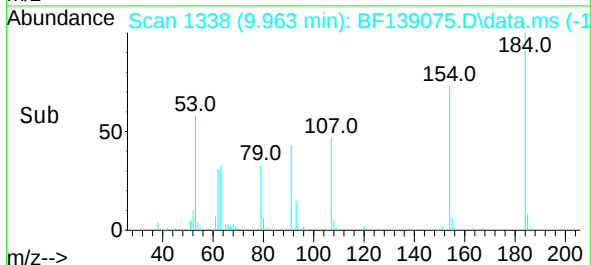
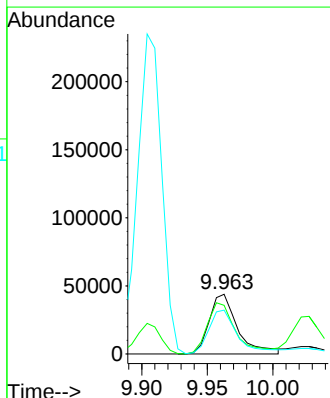
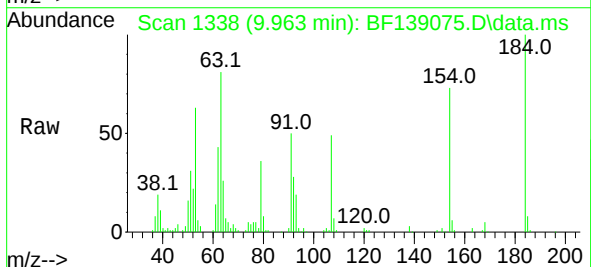
Tgt Ion:184 Resp: 65761

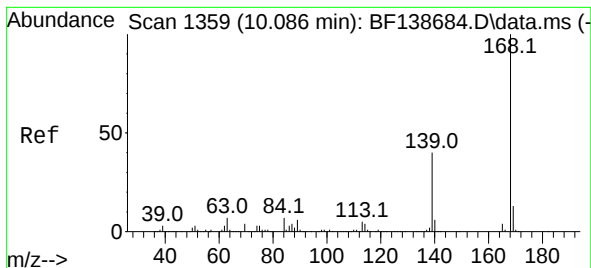
Ion Ratio Lower Upper

184 100

63 81.5 57.5 86.3

154 73.5 51.7 77.5





#55

Dibenzenofuran

Concen: 46.404 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

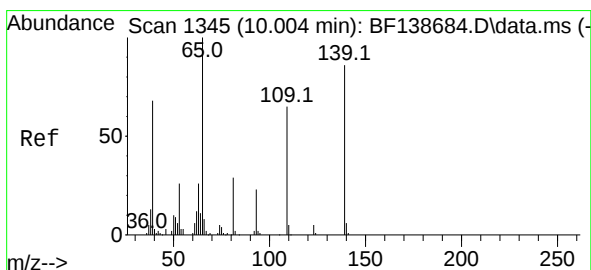
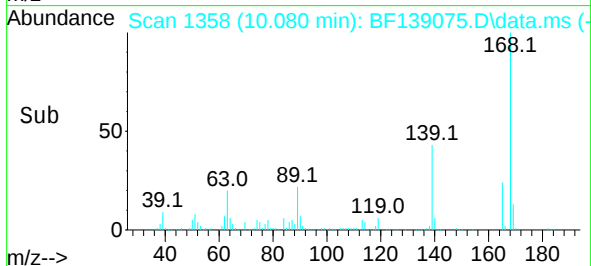
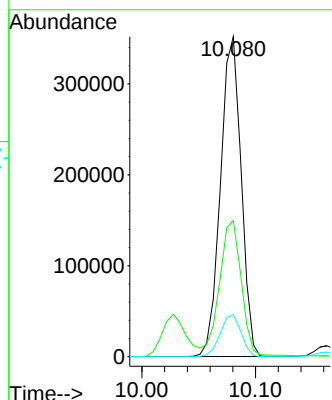
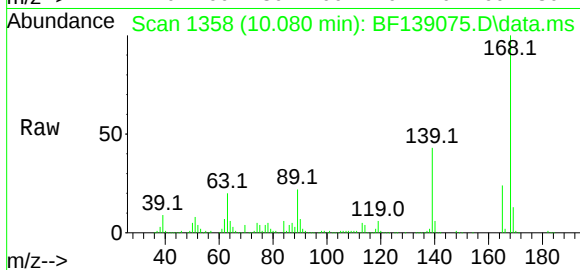
Tgt Ion:168 Resp: 444981

Ion Ratio Lower Upper

168 100

139 42.5 32.6 49.0

169 13.2 10.7 16.1



#56

4-Nitrophenol

Concen: 61.827 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.024 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

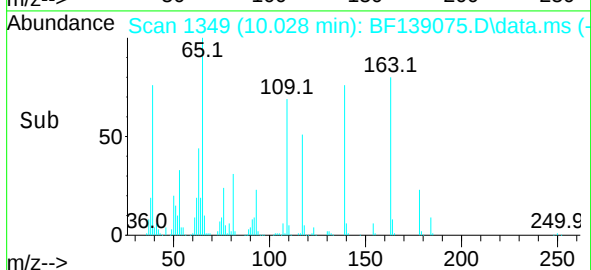
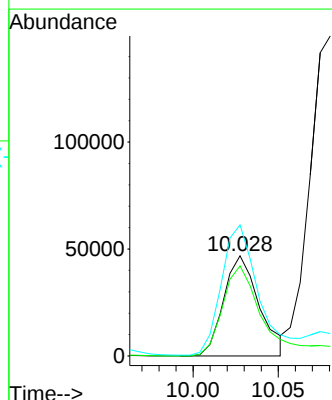
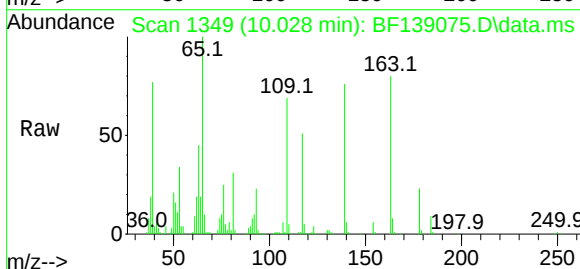
Tgt Ion:139 Resp: 67847

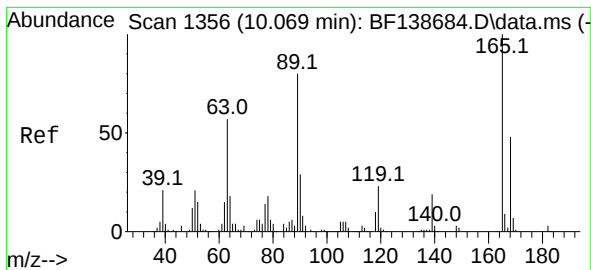
Ion Ratio Lower Upper

139 100

109 89.9 55.5 95.5

65 130.9 96.7 136.7

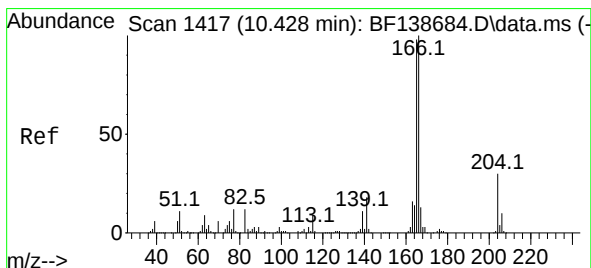
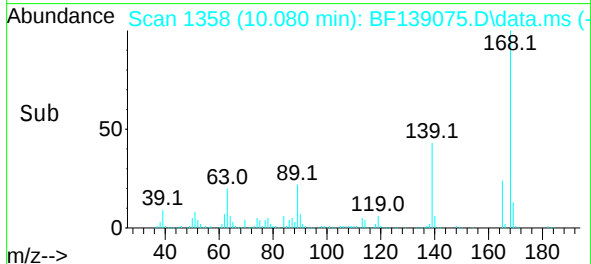
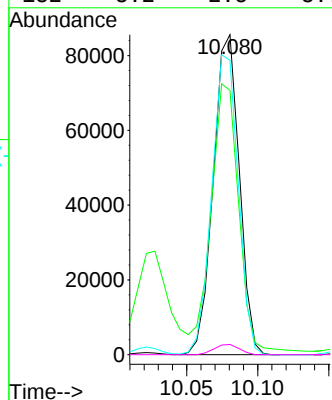
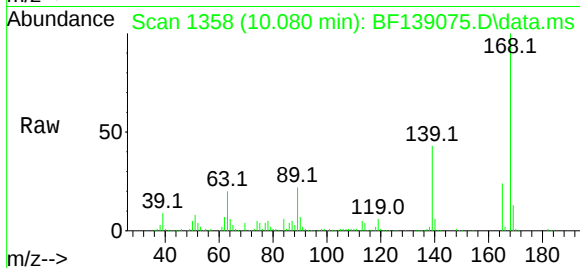




#57
2,4-Dinitrotoluene
Concen: 48.386 ng
RT: 10.080 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

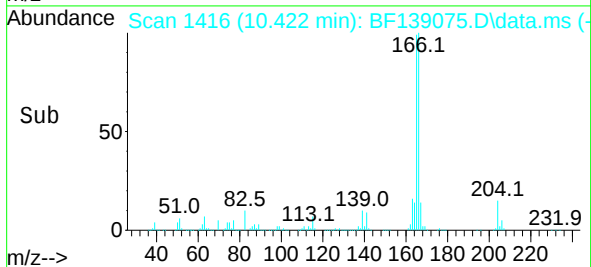
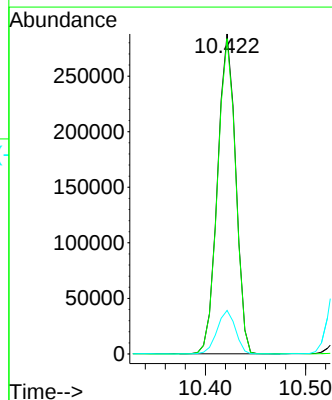
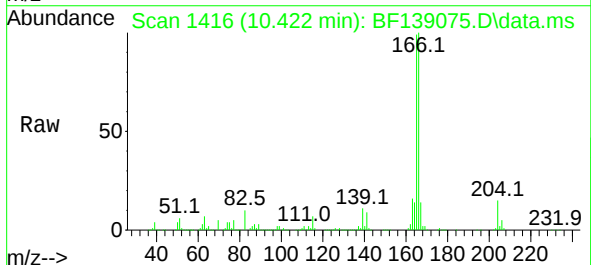
Instrument :
BNA_F
ClientSampleId :
PB162688BS

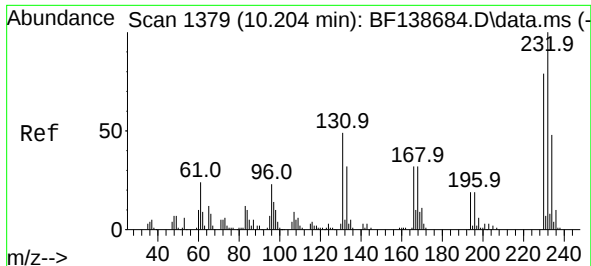
Tgt Ion:165 Resp: 108971
Ion Ratio Lower Upper
165 100
63 82.6 46.3 69.5#
89 92.0 64.2 96.4
182 3.2 2.5 3.7



#58
Fluorene
Concen: 47.248 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:166 Resp: 360800
Ion Ratio Lower Upper
166 100
165 98.5 78.4 117.6
167 13.6 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.794 ng

RT: 10.163 min Scan# 1372

Delta R.T. -0.041 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

Tgt Ion:232 Resp: 65445

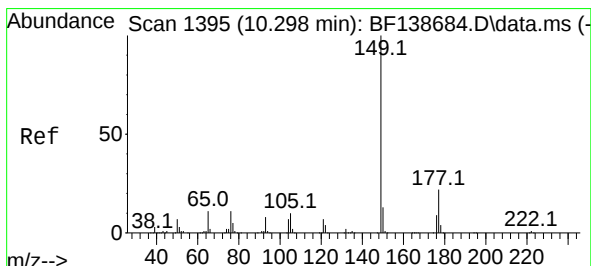
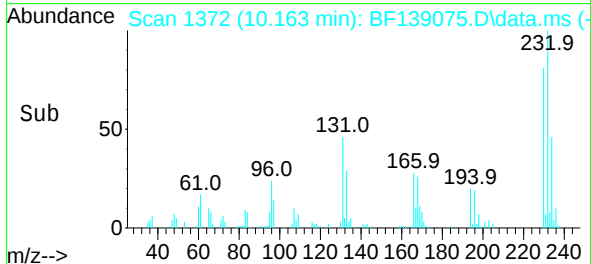
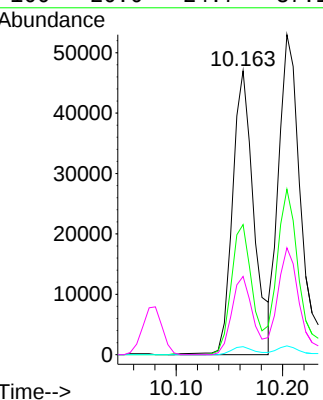
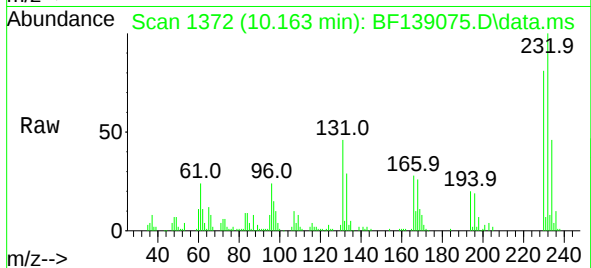
Ion Ratio Lower Upper

232 100

131 44.4 37.0 55.4

130 2.8 2.0 3.0

166 26.6 24.7 37.1



#60

Diethylphthalate

Concen: 51.016 ng

RT: 10.292 min Scan# 1394

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

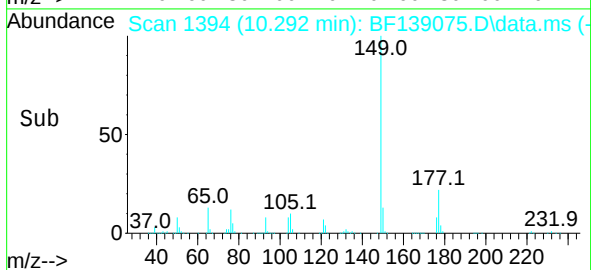
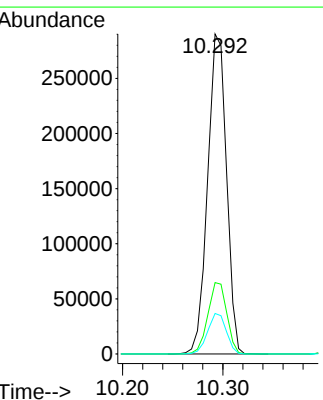
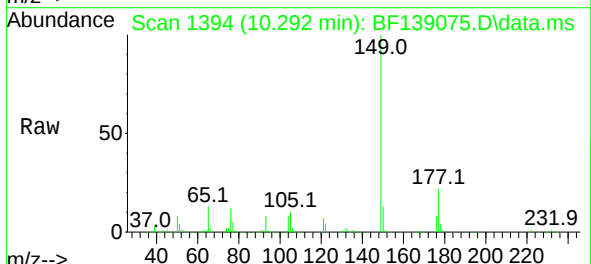
Tgt Ion:149 Resp: 378354

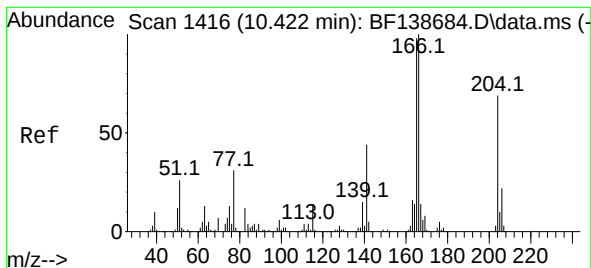
Ion Ratio Lower Upper

149 100

177 22.3 17.8 26.8

150 12.6 10.1 15.1

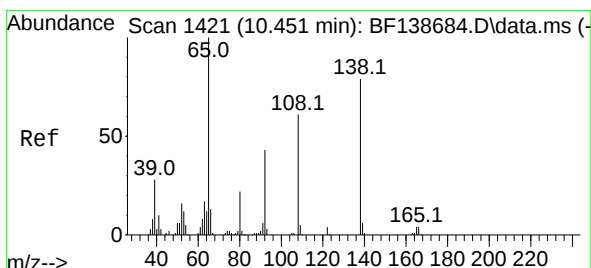
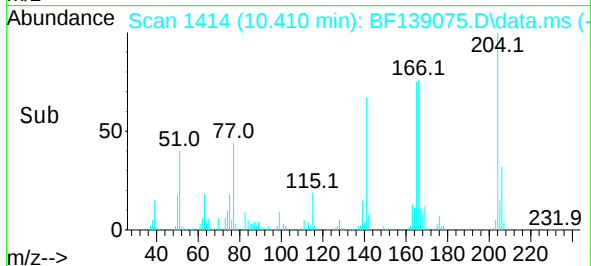
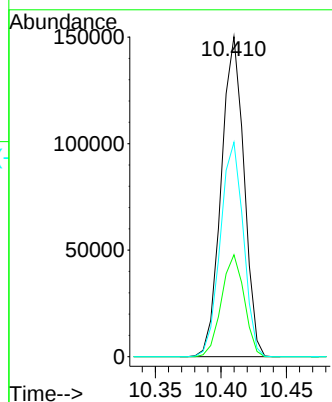
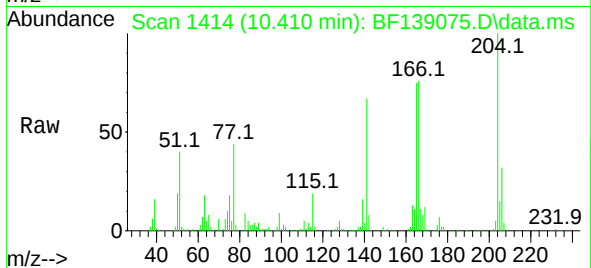




#61
4-Chlorophenyl-phenylether
Concen: 48.248 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

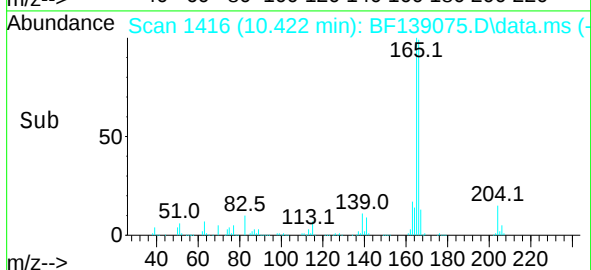
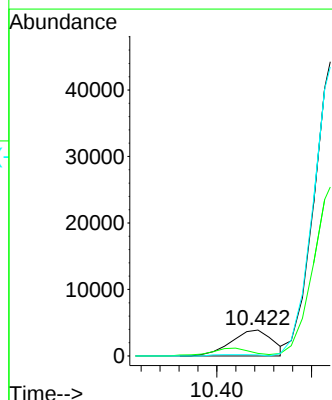
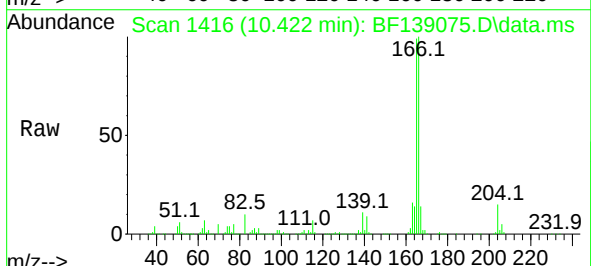
Instrument :
BNA_F
ClientSampleId :
PB162688BS

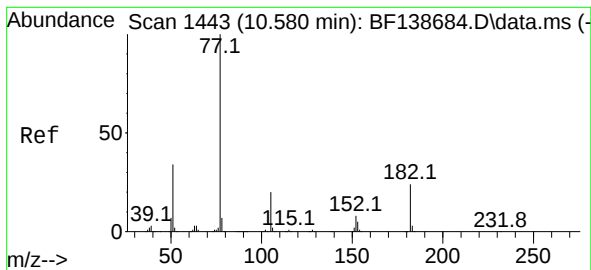
Tgt Ion:204 Resp: 181204
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 67.0 51.4 77.0



#62
4-Nitroaniline
Concen: 3.411 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.029 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:138 Resp: 5915
Ion Ratio Lower Upper
138 100
92 9.7 34.2 74.2#
108 4.6 56.2 96.2#





#63

Azobenzene

Concen: 48.313 ng

RT: 10.569 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

Tgt Ion: 77 Resp: 397392

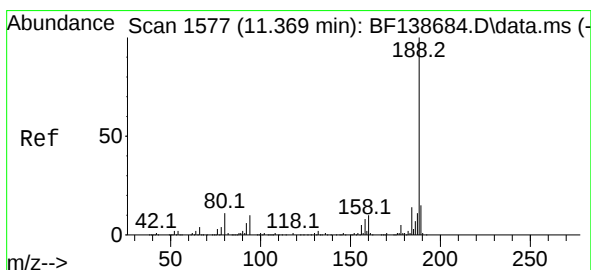
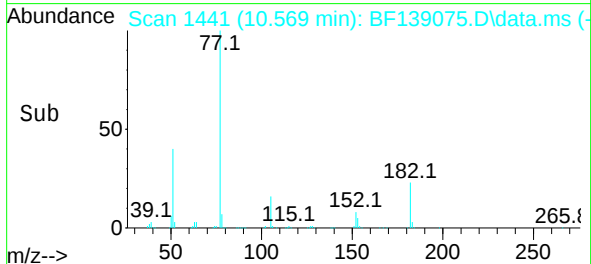
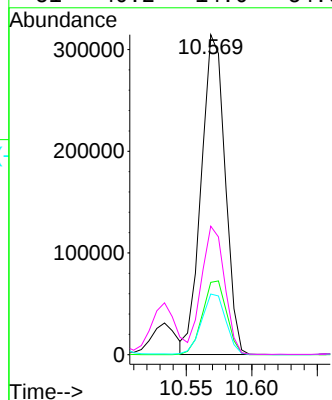
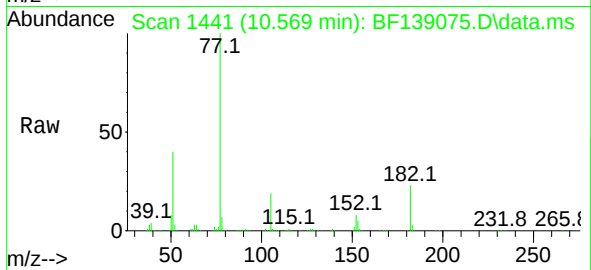
Ion Ratio Lower Upper

77 100

182 22.6 3.4 43.4

105 19.0 0.2 40.2

51 40.2 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

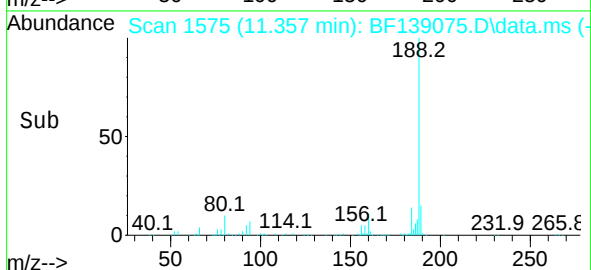
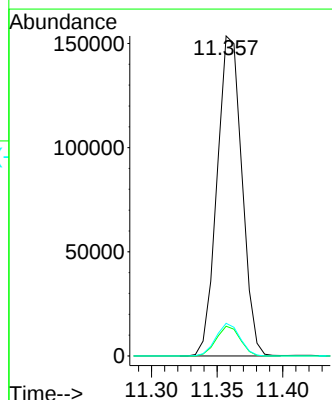
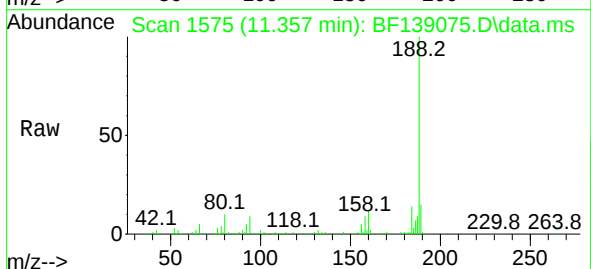
Tgt Ion: 188 Resp: 202208

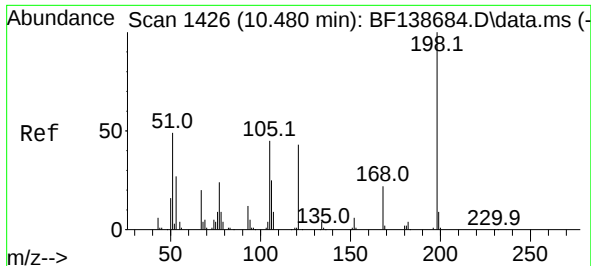
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.2 8.6 12.8

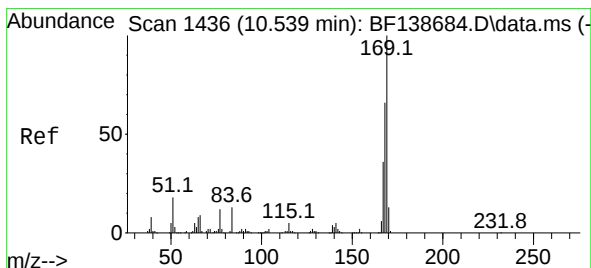
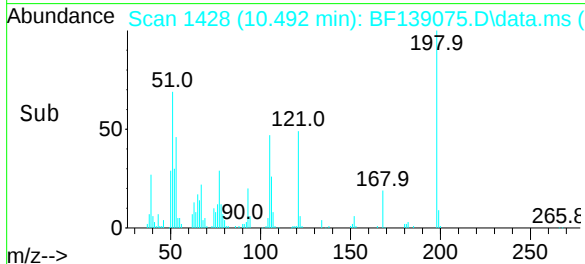
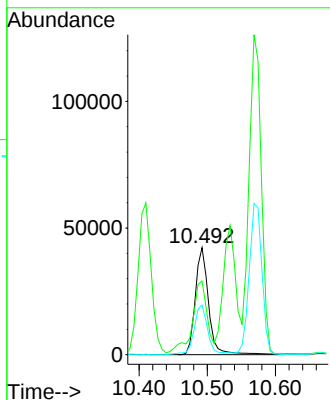
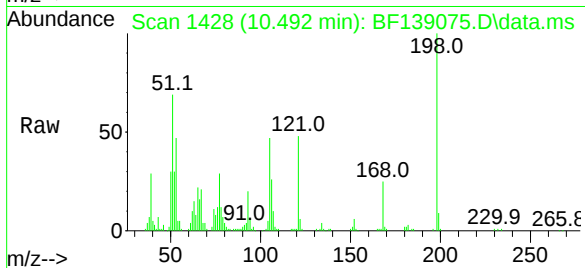




#65
4,6-Dinitro-2-methylphenol
Concen: 46.380 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

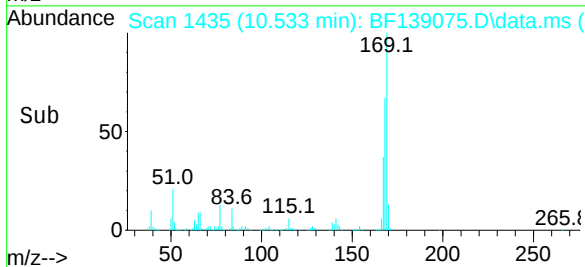
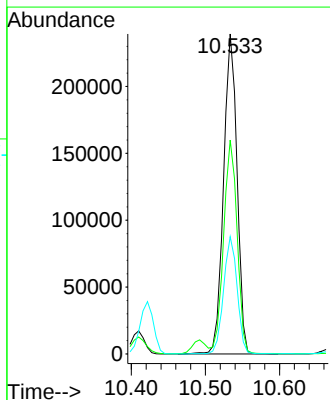
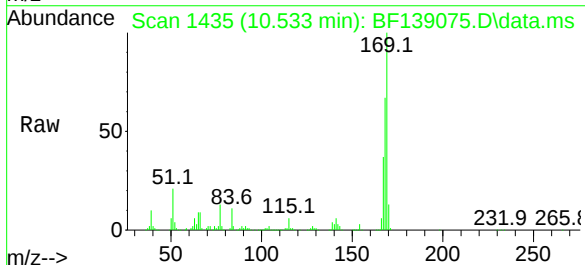
Instrument :
BNA_F
ClientSampleId :
PB162688BS

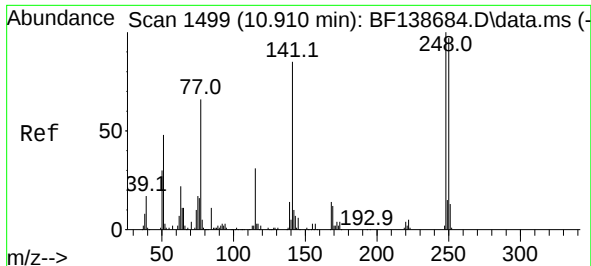
Tgt Ion:198 Resp: 57216
Ion Ratio Lower Upper
198 100
51 68.8 39.9 79.9
105 46.6 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 47.877 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:169 Resp: 302611
Ion Ratio Lower Upper
169 100
168 66.9 53.0 79.6
167 36.6 29.0 43.6

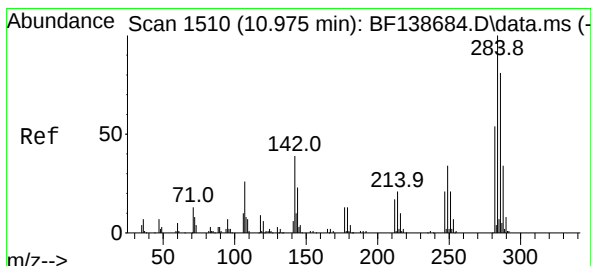
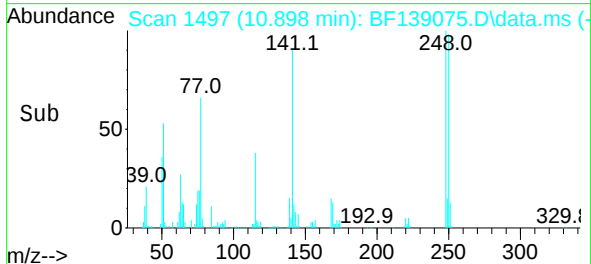
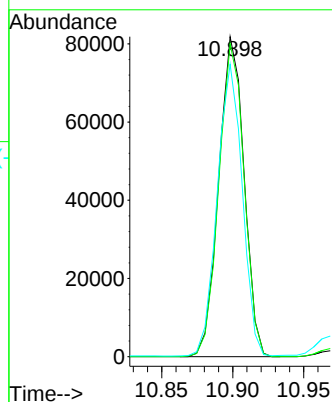
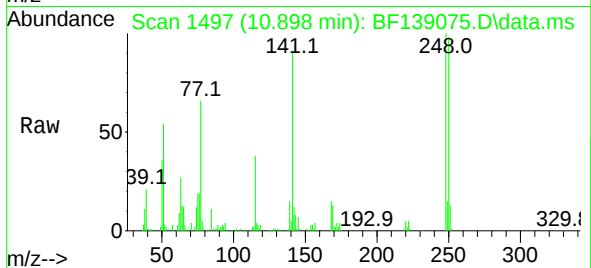




#67
4-Bromophenyl-phenylether
Concen: 46.241 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

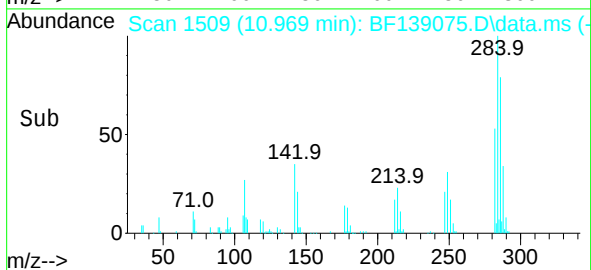
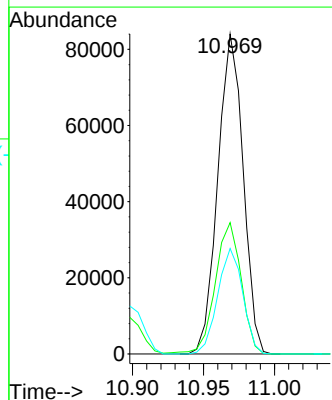
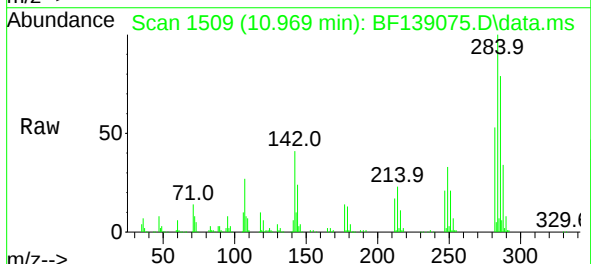
Instrument :
BNA_F
ClientSampleId :
PB162688BS

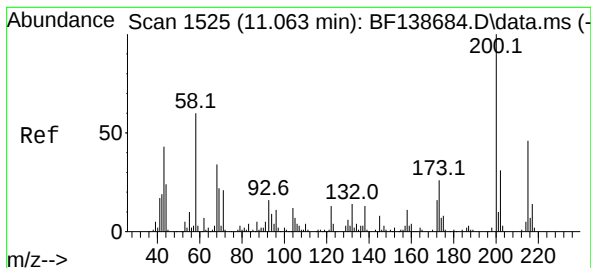
Tgt Ion:248 Resp: 101235
Ion Ratio Lower Upper
248 100
250 97.8 77.7 116.5
141 91.4 68.0 102.0



#68
Hexachlorobenzene
Concen: 46.078 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:284 Resp: 104156
Ion Ratio Lower Upper
284 100
142 41.1 31.3 46.9
249 33.0 27.2 40.8





#69

Atrazine

Concen: 51.608 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

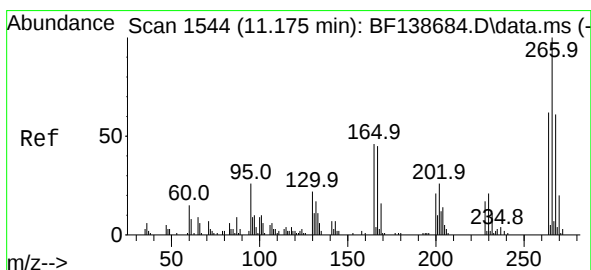
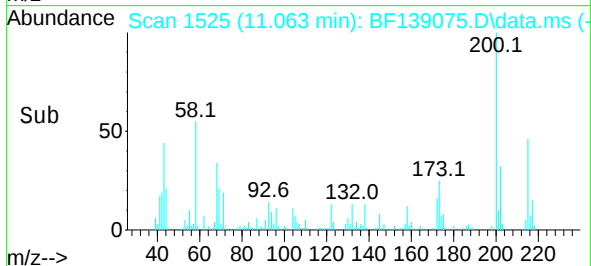
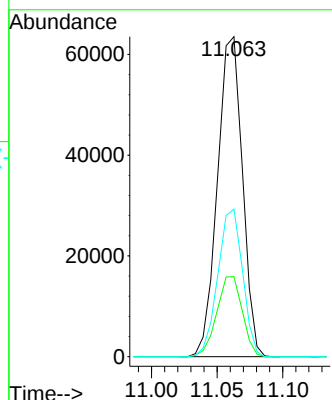
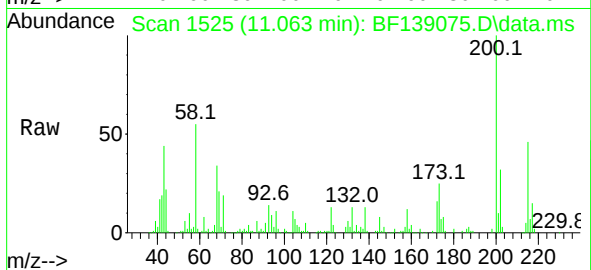
Tgt Ion:200 Resp: 84158

Ion Ratio Lower Upper

200 100

173 25.0 6.0 46.0

215 46.1 26.1 66.1



#70

Pentachlorophenol

Concen: 59.266 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

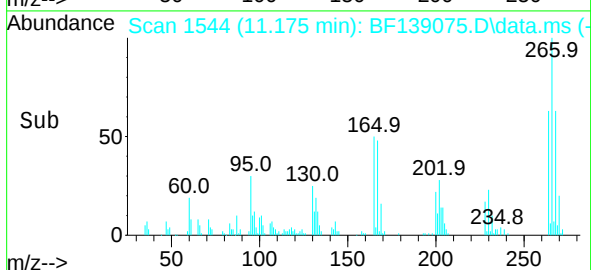
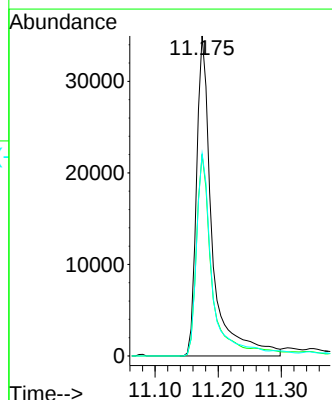
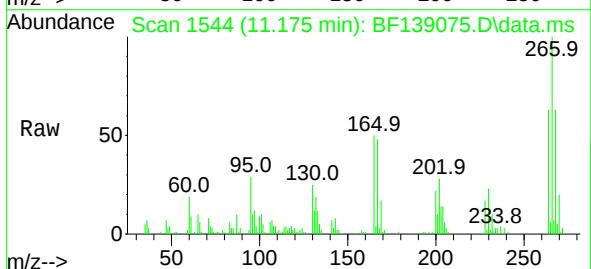
Tgt Ion:266 Resp: 60385

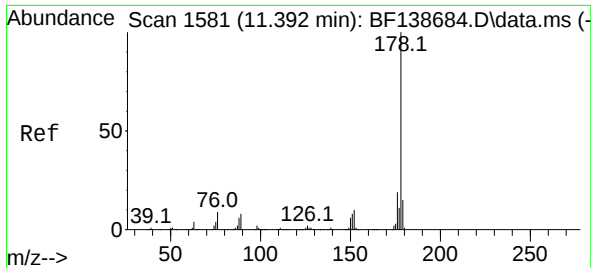
Ion Ratio Lower Upper

266 100

268 63.0 49.2 73.8

264 63.2 49.8 74.6

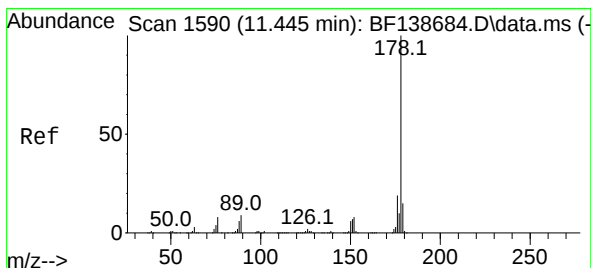
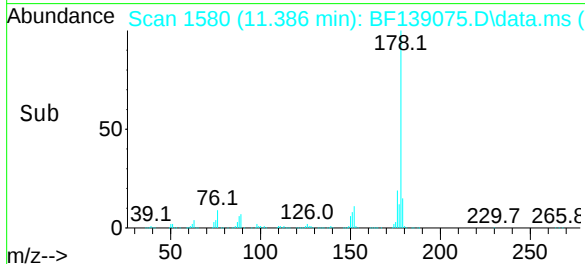
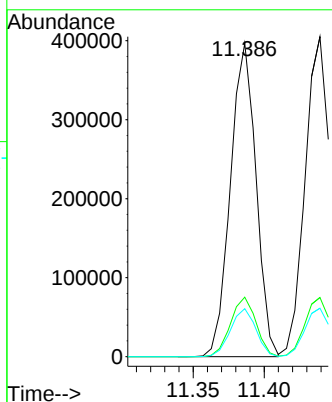
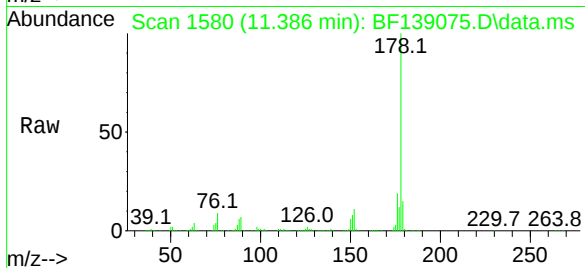




#71
Phenanthrene
Concen: 47.753 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

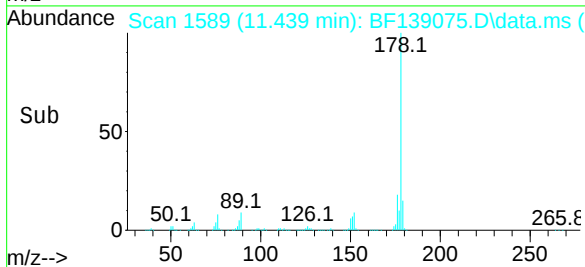
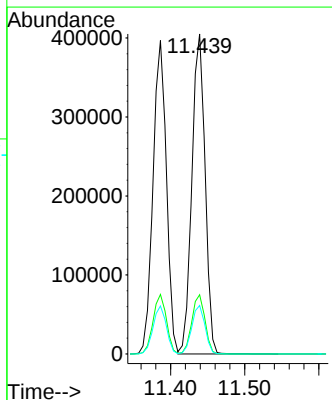
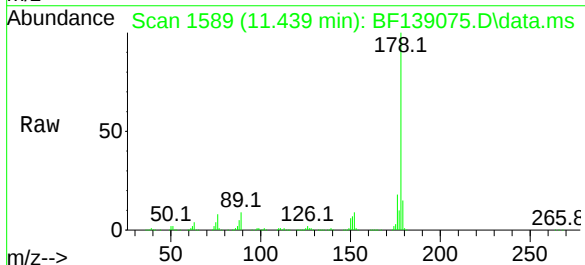
Instrument :
BNA_F
ClientSampleId :
PB162688BS

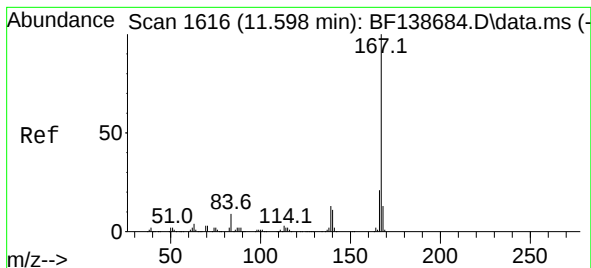
Tgt Ion:178 Resp: 497211
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.2 18.2



#72
Anthracene
Concen: 48.869 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:178 Resp: 501270
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.2 12.4 18.6





#73

Carbazole

Concen: 45.731 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

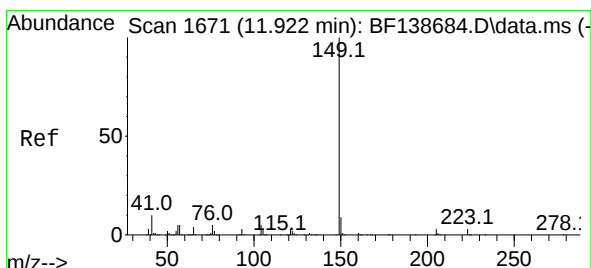
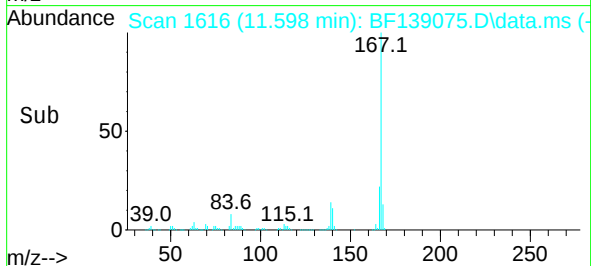
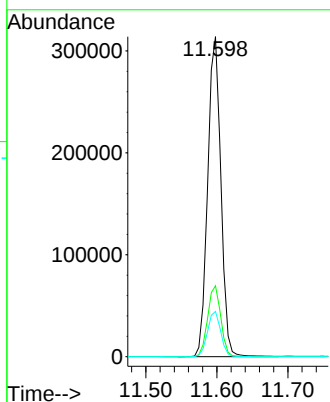
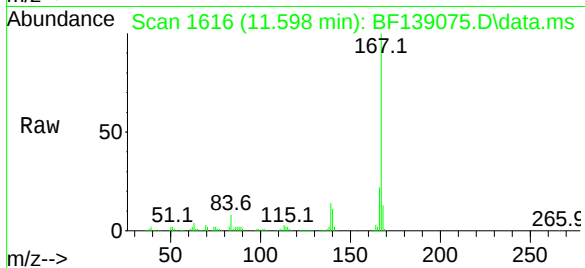
Tgt Ion:167 Resp: 404701

Ion Ratio Lower Upper

167 100

166 22.1 17.2 25.8

139 14.1 10.6 16.0



#74

Di-n-butylphthalate

Concen: 56.592 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

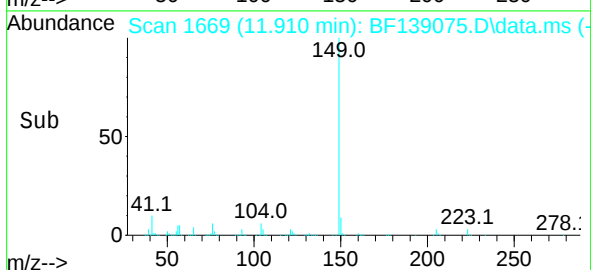
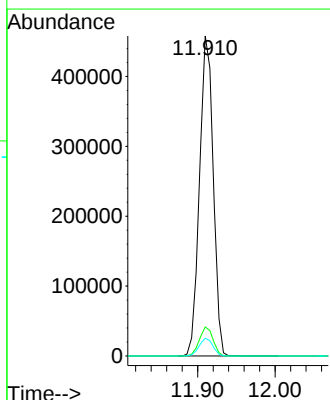
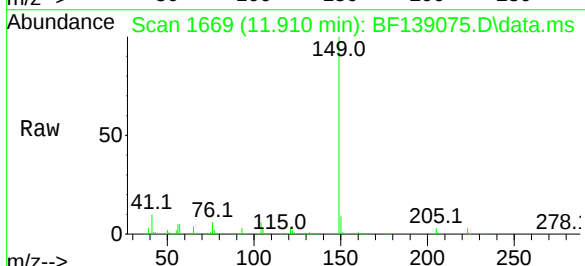
Tgt Ion:149 Resp: 562994

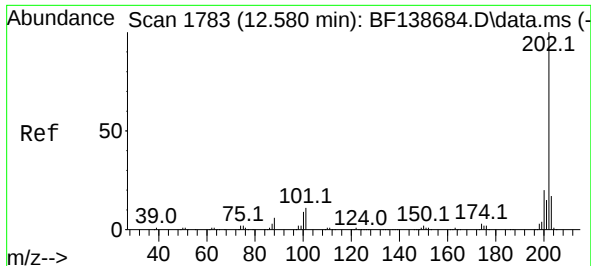
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.6 4.1 6.1





#75

Fluoranthene

Concen: 46.050 ng

RT: 12.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

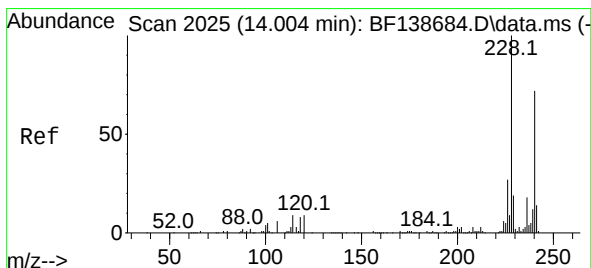
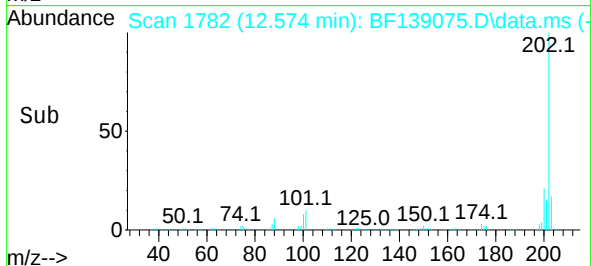
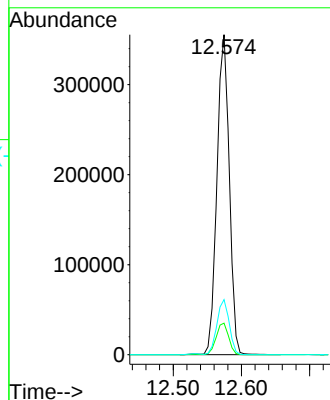
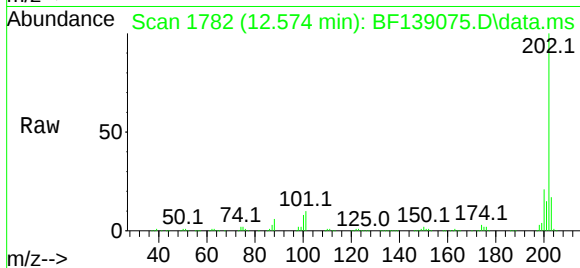
Tgt Ion:202 Resp: 447619

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.2

203 17.2 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

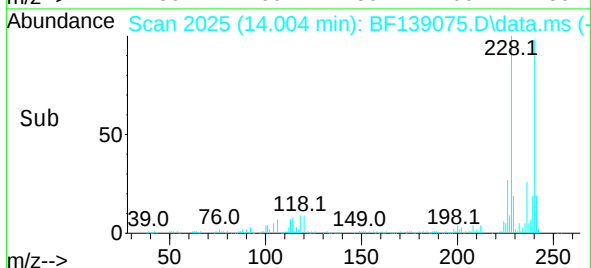
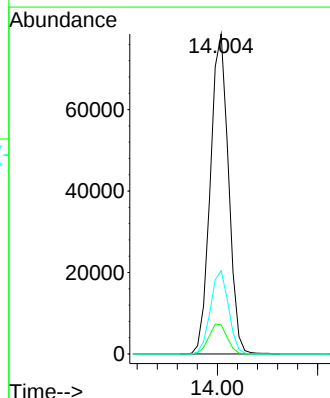
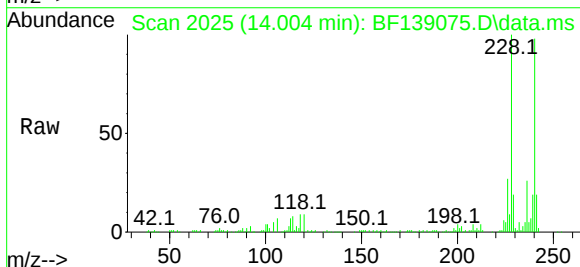
Tgt Ion:240 Resp: 98718

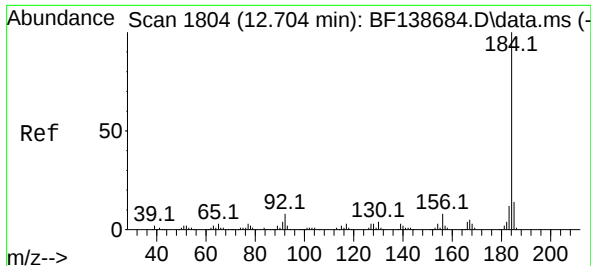
Ion Ratio Lower Upper

240 100

120 9.1 10.2 15.4#

236 26.0 19.8 29.8

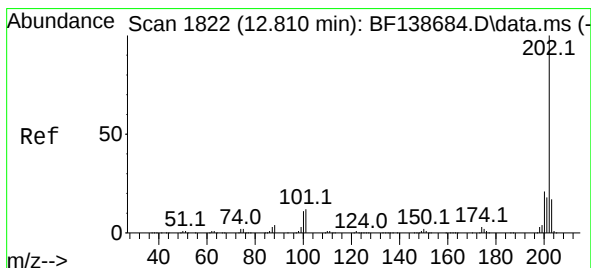
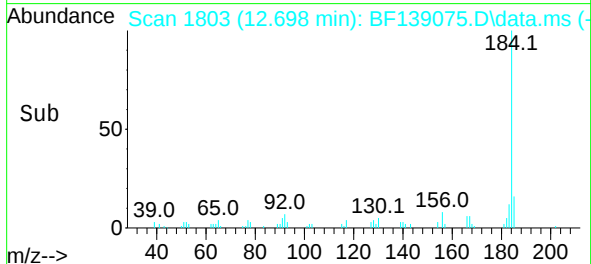
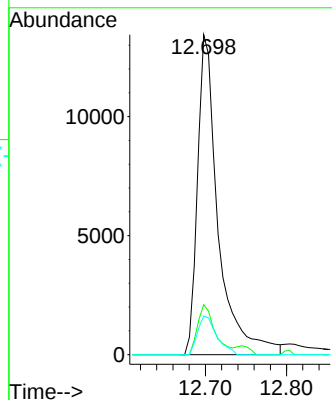
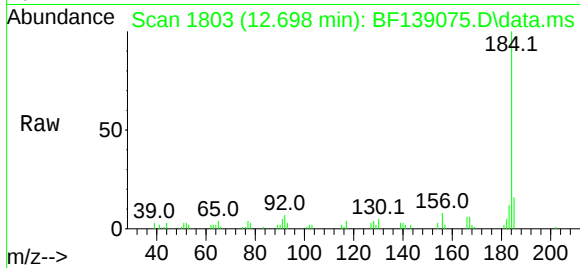




#77
Benzidine
Concen: 10.106 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

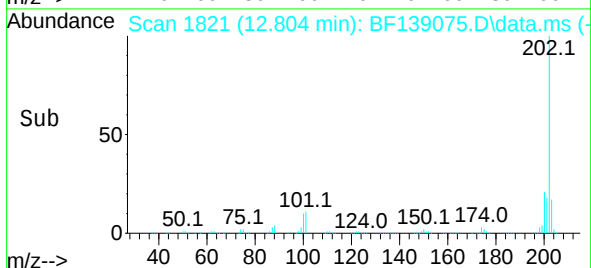
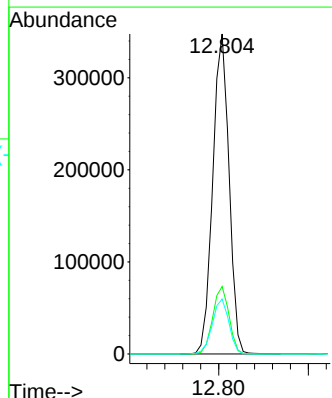
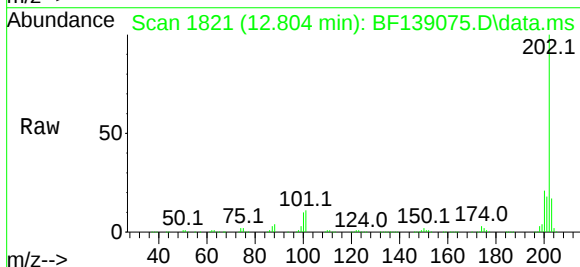
Instrument :
BNA_F
ClientSampleId :
PB162688BS

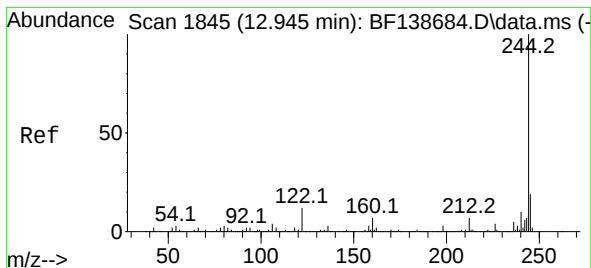
Tgt Ion:184 Resp: 23862
Ion Ratio Lower Upper
184 100
185 15.7 11.1 16.7
183 12.1 9.6 14.4



#78
Pyrene
Concen: 47.041 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

Tgt Ion:202 Resp: 437225
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 105.686 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

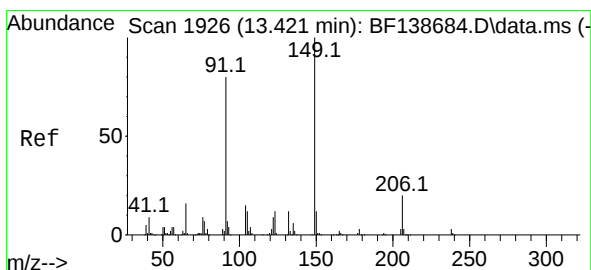
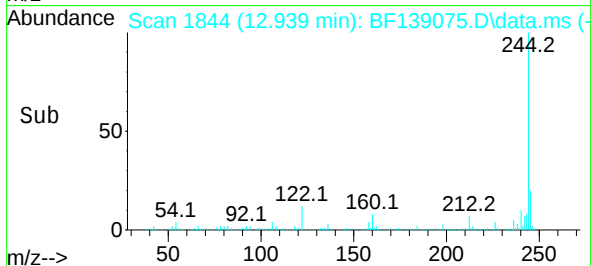
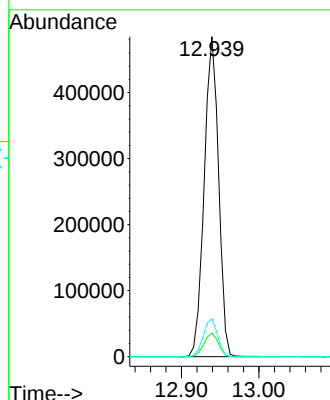
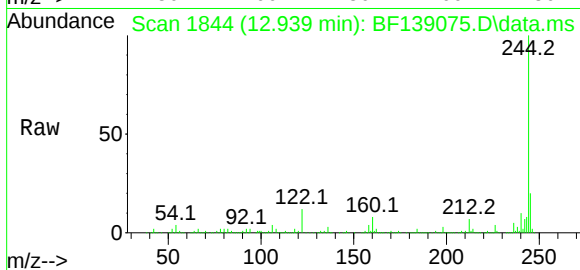
Tgt Ion:244 Resp: 623143

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 11.8 9.6 14.4



#80

Butylbenzylphthalate

Concen: 54.799 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

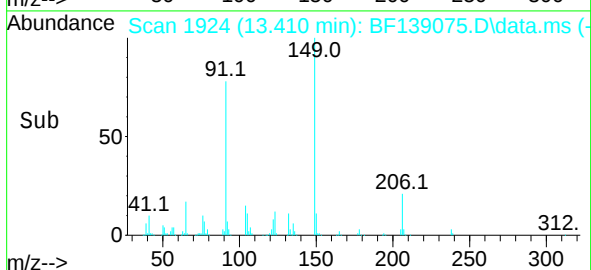
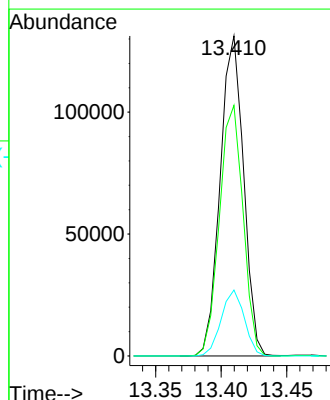
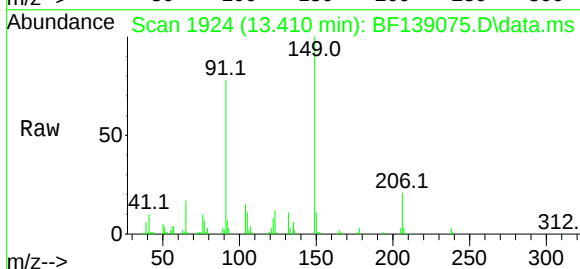
Tgt Ion:149 Resp: 163104

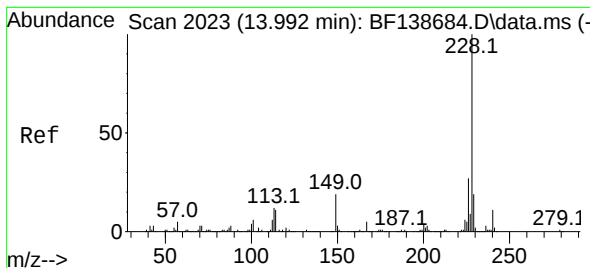
Ion Ratio Lower Upper

149 100

91 78.3 63.7 95.5

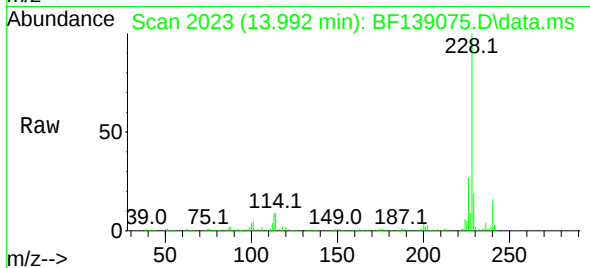
206 20.6 16.2 24.2



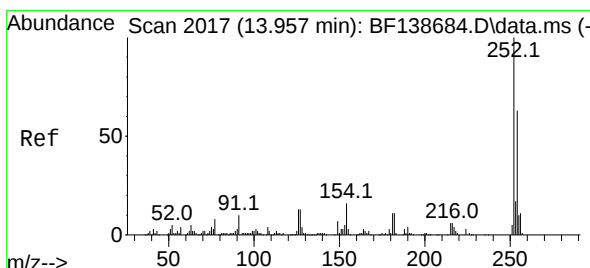
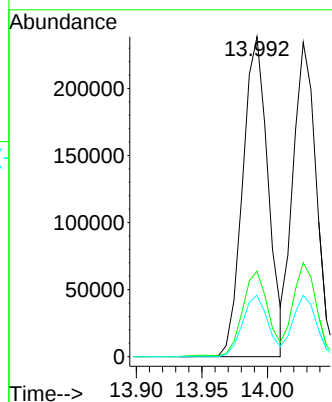
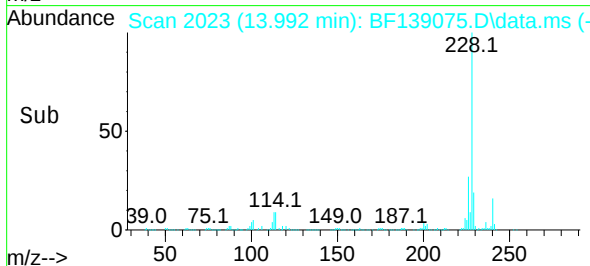


#81
Benzo(a)anthracene
Concen: 47.277 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47

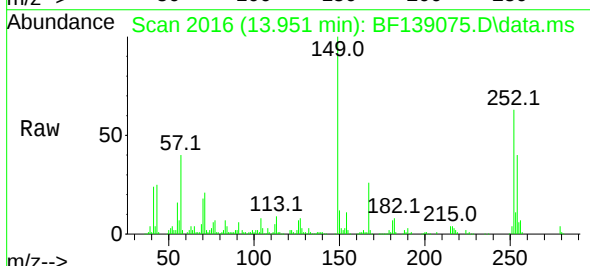
Instrument :
BNA_F
ClientSampleId :
PB162688BS



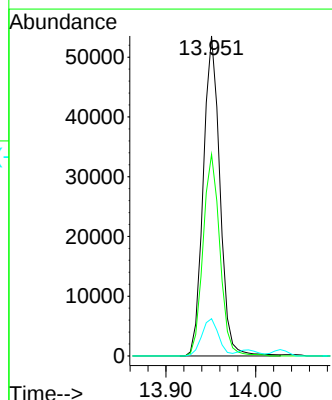
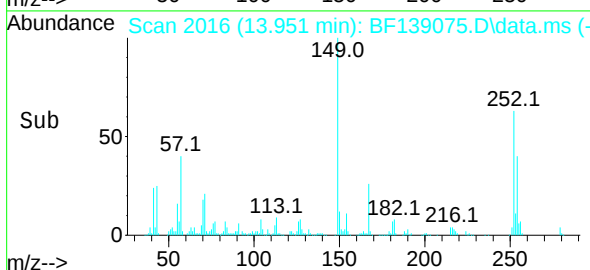
Tgt Ion:228 Resp: 321387
Ion Ratio Lower Upper
228 100
226 26.7 22.1 33.1
229 19.2 15.4 23.0

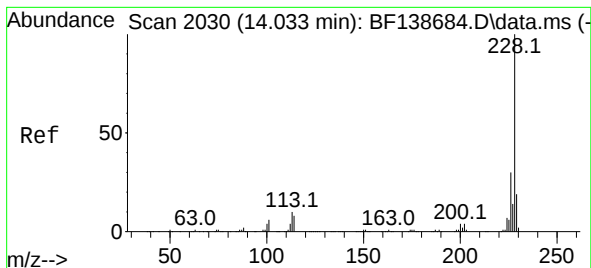


#82
3,3'-Dichlorobenzidine
Concen: 39.774 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF139075.D
Acq: 19 Aug 2024 15:47



Tgt Ion:252 Resp: 69191
Ion Ratio Lower Upper
252 100
254 63.0 50.8 76.2
126 11.7 10.2 15.2





#83

Chrysene

Concen: 47.003 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

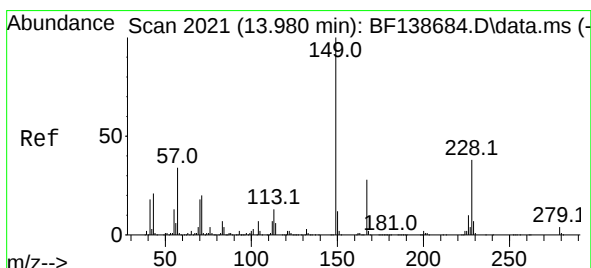
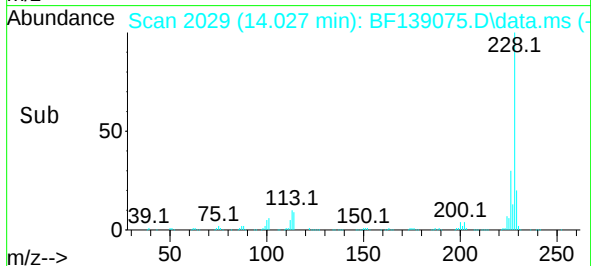
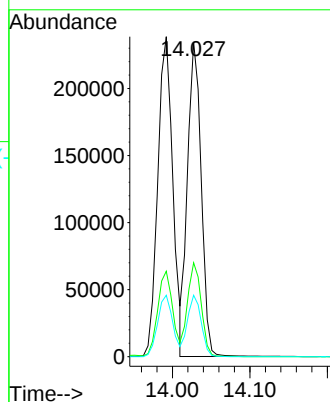
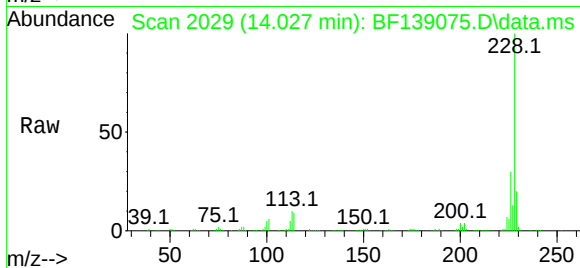
Tgt Ion:228 Resp: 288273

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

229 19.6 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.867 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

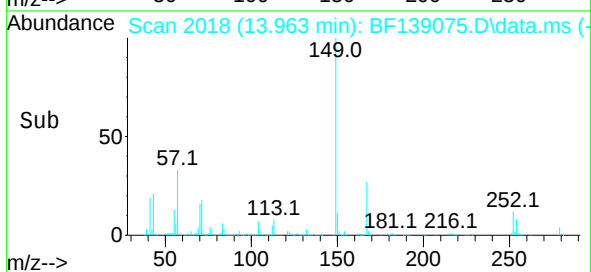
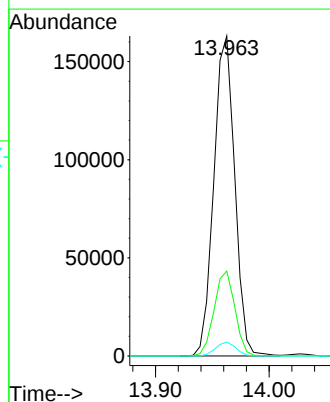
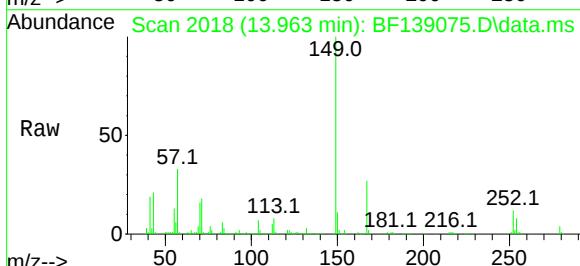
Tgt Ion:149 Resp: 208625

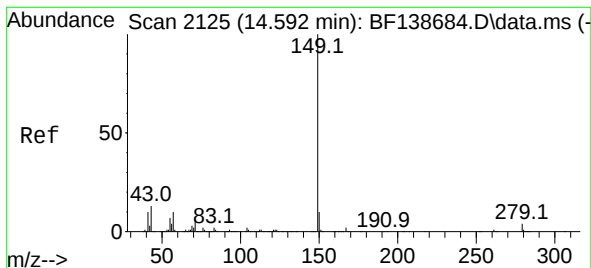
Ion Ratio Lower Upper

149 100

167 26.6 22.2 33.4

279 4.4 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 41.955 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

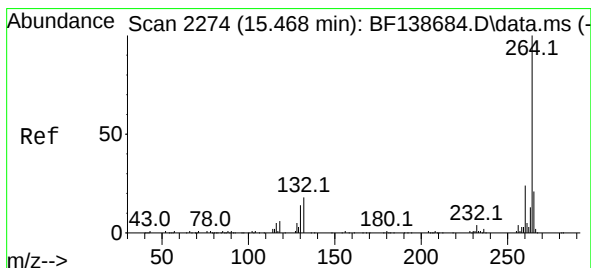
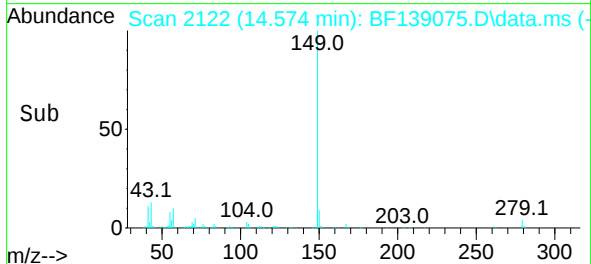
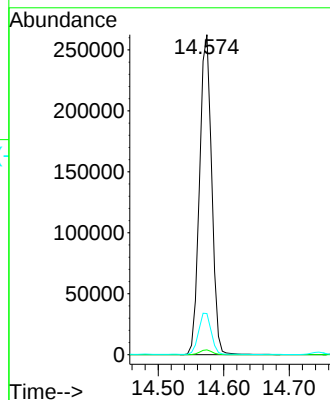
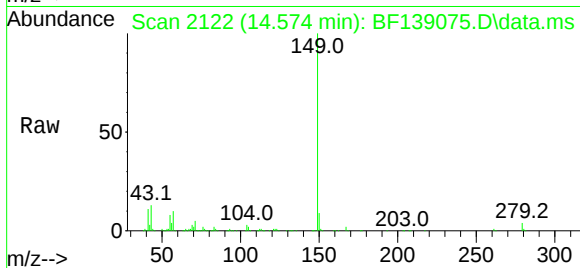
Tgt Ion:149 Resp: 338313

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 13.5 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

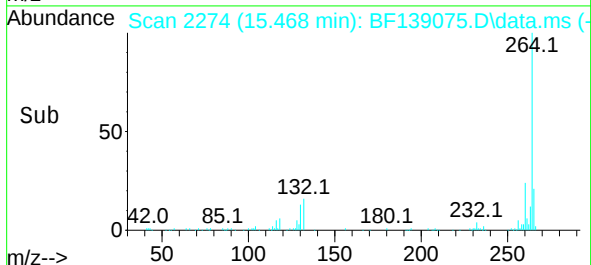
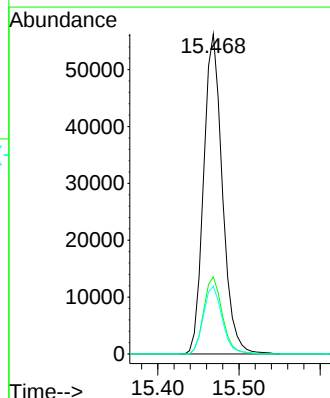
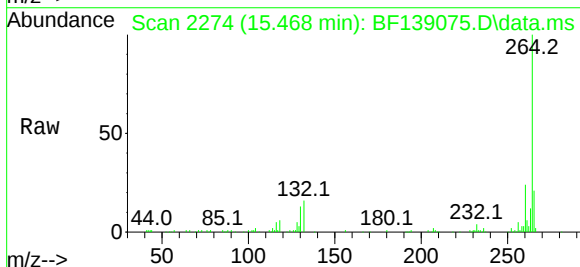
Tgt Ion:264 Resp: 90220

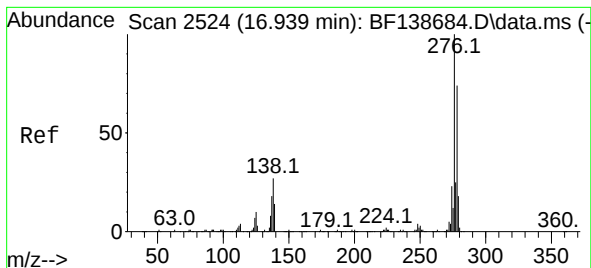
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.1 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.299 ng

RT: 16.951 min Scan# 2526

Delta R.T. 0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

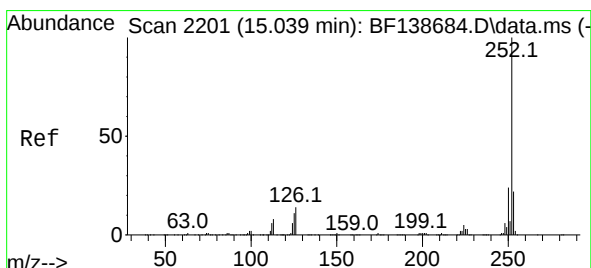
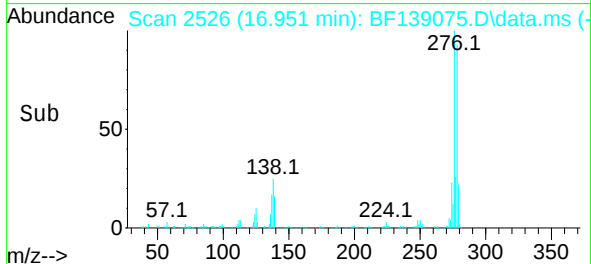
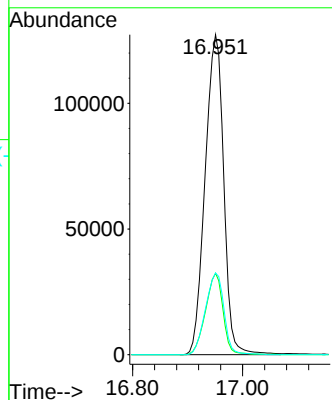
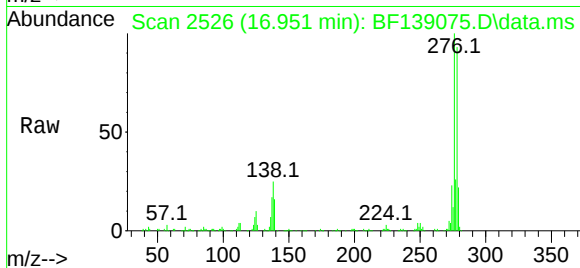
Tgt Ion:276 Resp: 299343

Ion Ratio Lower Upper

276 100

138 23.9 21.8 32.8

277 25.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 55.873 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

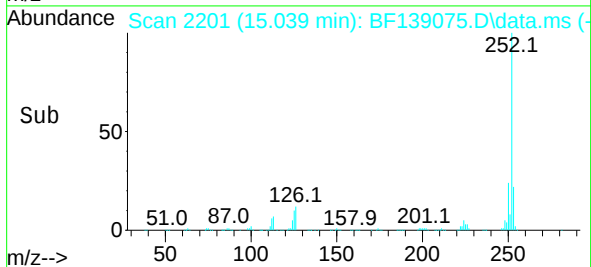
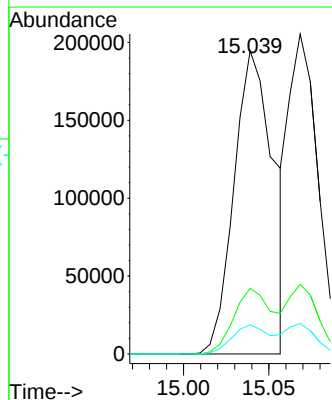
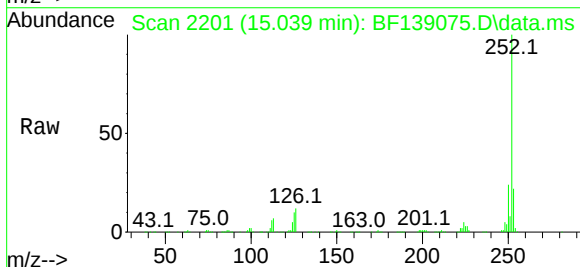
Tgt Ion:252 Resp: 312486

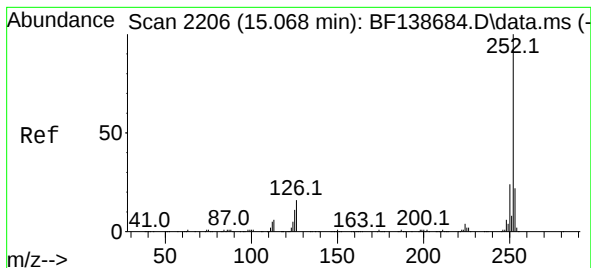
Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.6 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 51.190 ng

RT: 15.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

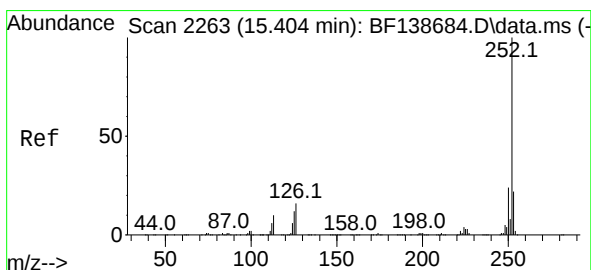
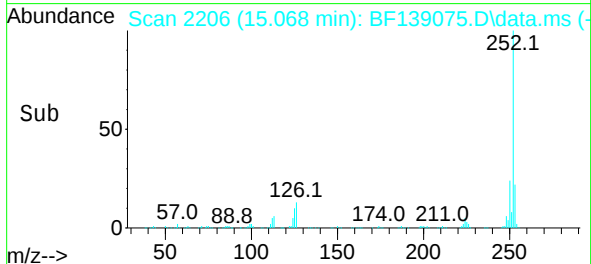
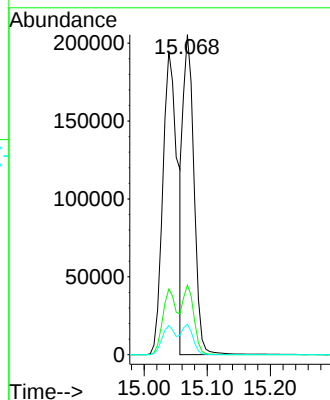
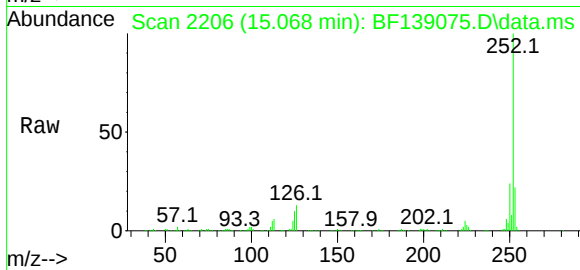
Tgt Ion:252 Resp: 247875

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.5 8.6 13.0



#90

Benzo(a)pyrene

Concen: 55.744 ng

RT: 15.410 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

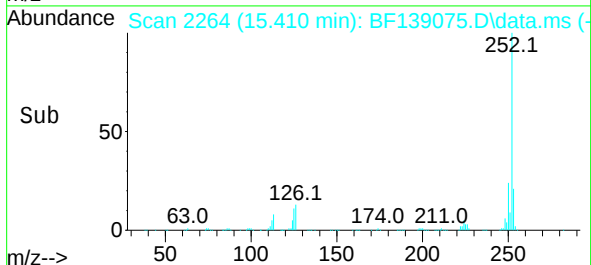
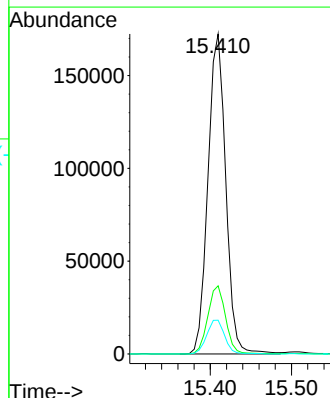
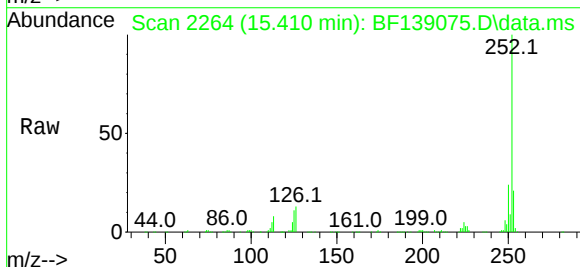
Tgt Ion:252 Resp: 262237

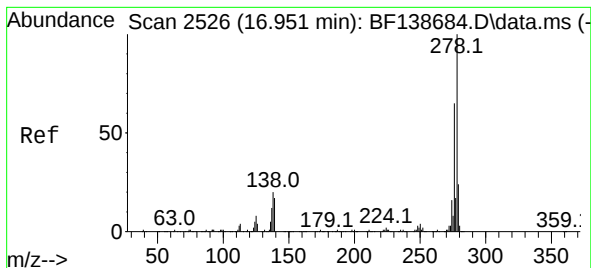
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 10.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 45.954 ng

RT: 16.957 min Scan# 24

Delta R.T. 0.006 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Instrument :

BNA_F

ClientSampleId :

PB162688BS

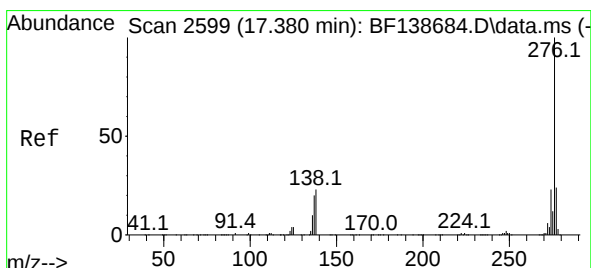
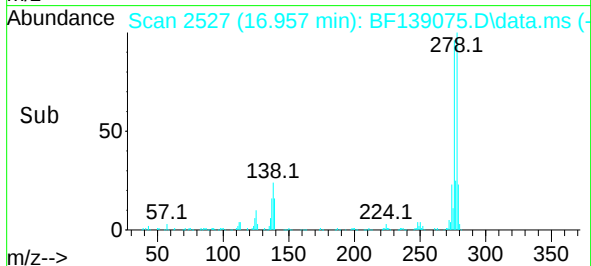
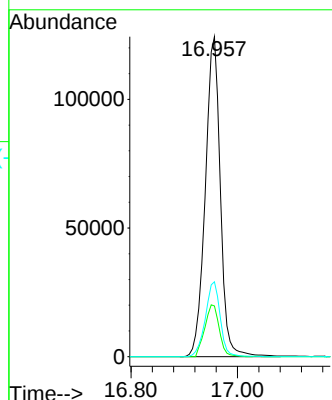
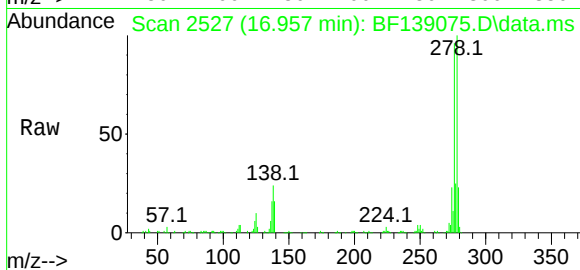
Tgt Ion:278 Resp: 243892

Ion Ratio Lower Upper

278 100

139 15.8 14.0 21.0

279 23.4 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 40.059 ng

RT: 17.392 min Scan# 2601

Delta R.T. 0.012 min

Lab File: BF139075.D

Acq: 19 Aug 2024 15:47

Tgt Ion:276 Resp: 220624

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 21.1 18.5 27.7

