

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138814.D
 Acq On : 06 Aug 2024 19:05
 Operator : RC/JU
 Sample : P3448-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1MS

Quant Time: Aug 07 01:03:58 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	6.840	152	37876	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	151632	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	84109	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	139749	20.000	ng	0.00
76) Chrysene-d12	13.998	240	71730	20.000	ng	0.00
86) Perylene-d12	15.463	264	71699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	347339	141.559	ng	0.02
7) Phenol-d6	6.493	99	429656	130.424	ng	0.00
23) Nitrobenzene-d5	7.410	82	321111	103.537	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	120460	174.842	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	604465	107.980	ng	0.00
79) Terphenyl-d14	12.945	244	534002	124.643	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	41294	38.441	ng	# 81
3) Pyridine	3.528	79	77192	29.664	ng	96
4) n-Nitrosodimethylamine	3.440	42	84691	54.645	ng	89
6) Aniline	6.510	93	58268	19.833	ng	# 1
8) 2-Chlorophenol	6.634	128	136316	52.804	ng	96
9) Benzaldehyde	6.399	77	6318	3.199	ng	96
10) Phenol	6.504	94	161061	46.435	ng	100
11) bis(2-Chloroethyl)ether	6.581	93	135733	50.853	ng	97
12) 1,3-Dichlorobenzene	6.781	146	123495	42.736	ng	99
13) 1,4-Dichlorobenzene	6.857	146	129140	44.283	ng	98
14) 1,2-Dichlorobenzene	7.010	146	123159	45.189	ng	100
15) Benzyl Alcohol	6.993	79	130783	55.082	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	205644	44.769	ng	# 48
17) 2-Methylphenol	7.104	107	113081	53.048	ng	# 90
18) Hexachloroethane	7.346	117	47877	43.614	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	109610	55.089	ng	100
20) 3+4-Methylphenols	7.263	107	150992	55.206	ng	# 76
22) Acetophenone	7.251	105	196926	53.041	ng	97
24) Nitrobenzene	7.428	77	158951	50.366	ng	98
25) Isophorone	7.669	82	293325	55.388	ng	99
26) 2-Nitrophenol	7.740	139	74829	55.112	ng	95
27) 2,4-Dimethylphenol	7.781	122	99340	61.150	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	170096	52.743	ng	99
29) 2,4-Dichlorophenol	7.987	162	117277	56.180	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	120218	49.903	ng	99
31) Naphthalene	8.145	128	404555	50.687	ng	100
32) Benzoic acid	7.928	122	46434	36.362	ng	96
33) 4-Chloroaniline	8.198	127	28875	10.778	ng	98
34) Hexachlorobutadiene	8.251	225	71051	48.694	ng	98
35) Caprolactam	8.592	113	17863	28.678	ng	93
36) 4-Chloro-3-methylphenol	8.692	107	139260	58.373	ng	100
37) 2-Methylnaphthalene	8.834	142	279887	55.525	ng	100
38) 1-Methylnaphthalene	8.934	142	256862	52.002	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	119701	51.232	ng	99
41) Hexachlorocyclopentadiene	8.981	237	87191	135.679	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	82656	58.022	ng	98

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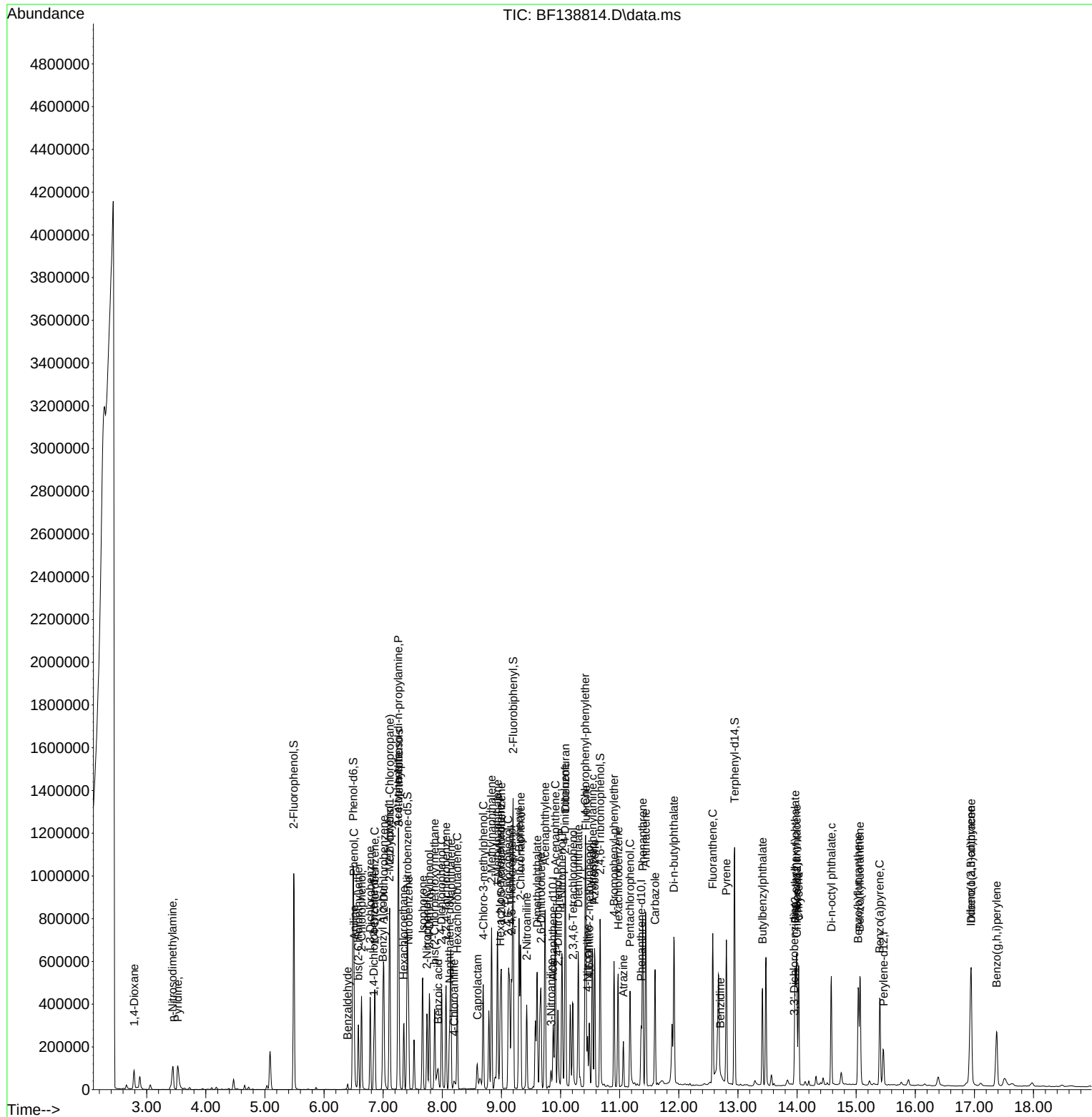
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	89359	57.379	ng	99
46) 1,1'-Biphenyl	9.298	154	337654	51.258	ng	99
47) 2-Chloronaphthalene	9.322	162	270337	55.180	ng	99
48) 2-Nitroaniline	9.428	65	91902	55.333	ng	99
49) Acenaphthylene	9.739	152	423636	60.968	ng	99
50) Dimethylphthalate	9.604	163	328175	61.021	ng	99
51) 2,6-Dinitrotoluene	9.669	165	70684	58.237	ng	95
52) Acenaphthene	9.910	154	255900	54.786	ng	99
53) 3-Nitroaniline	9.839	138	16848	13.428	ng	93
54) 2,4-Dinitrophenol	9.957	184	64808	115.994	ng	93
55) Dibenzofuran	10.081	168	385940	58.534	ng	99
56) 4-Nitrophenol	10.022	139	66556	88.209	ng	94
57) 2,4-Dinitrotoluene	10.075	165	94943	61.312	ng	# 89
58) Fluorene	10.428	166	310340	59.106	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	74091	62.229	ng	97
60) Diethylphthalate	10.298	149	323179	63.377	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	151673	58.734	ng	96
62) 4-Nitroaniline	10.457	138	51070	42.830	ng	92
63) Azobenzene	10.575	77	324127	57.310	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	49545	58.111	ng	97
66) n-Nitrosodiphenylamine	10.539	169	220394	50.454	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	89818	59.362	ng	98
68) Hexachlorobenzene	10.975	284	92805	59.405	ng	96
69) Atrazine	11.063	200	30407	26.980	ng	98
70) Pentachlorophenol	11.175	266	78817	111.930	ng	99
71) Phenanthrene	11.386	178	428033	59.482	ng	99
72) Anthracene	11.439	178	433905	61.208	ng	100
73) Carbazole	11.598	167	296140	48.420	ng	99
74) Di-n-butylphthalate	11.916	149	463273	67.381	ng	100
75) Fluoranthene	12.575	202	379337	56.467	ng	98
77) Benzidine	12.704	184	4658	2.715	ng	# 1
78) Pyrene	12.804	202	367967	54.484	ng	99
80) Butylbenzylphthalate	13.416	149	137956	63.789	ng	96
81) Benzo(a)anthracene	13.992	228	292297	59.176	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	9367	7.410	ng	97
83) Chrysene	14.027	228	256555	57.571	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	186287	58.823	ng	98
85) Di-n-octyl phthalate	14.580	149	322134	54.978	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	312044	60.730	ng	96
88) Benzo(b)fluoranthene	15.033	252	294455	66.250	ng	98
89) Benzo(k)fluoranthene	15.063	252	253219	65.801	ng	99
90) Benzo(a)pyrene	15.398	252	250655	67.046	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	253882	60.193	ng	99
92) Benzo(g,h,i)perylene	17.374	276	230007	52.551	ng	97

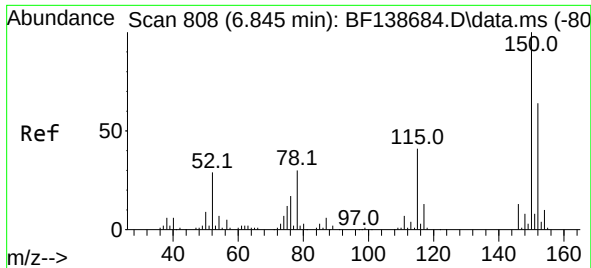
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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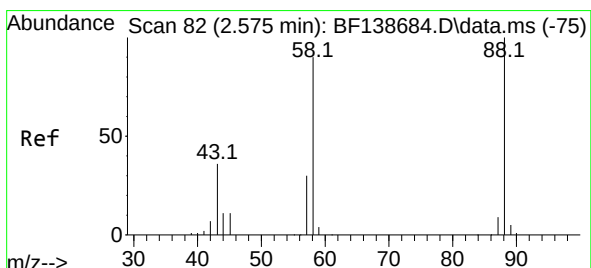
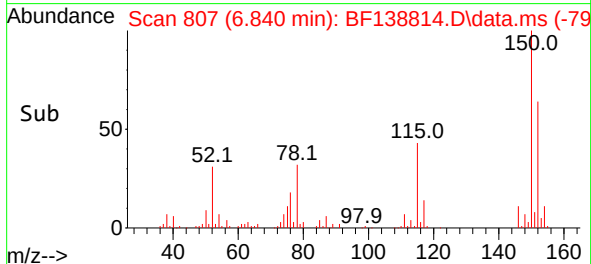
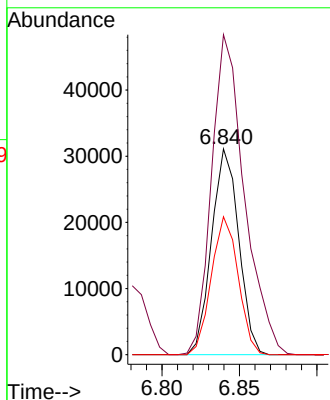
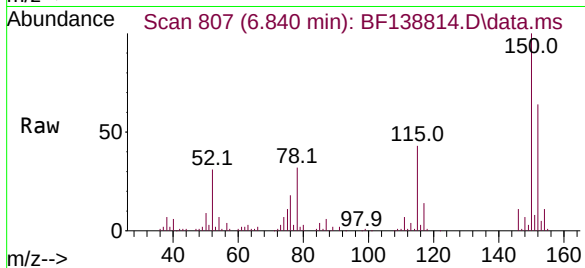




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138814.D
 Acq: 06 Aug 2024 19:05

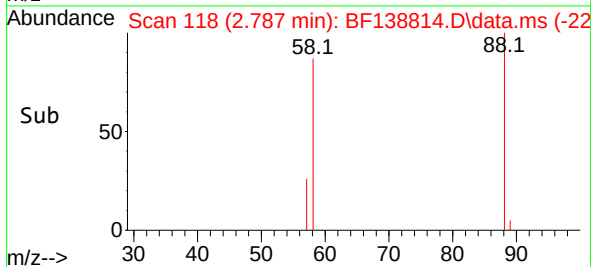
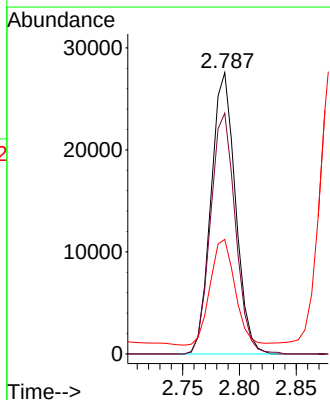
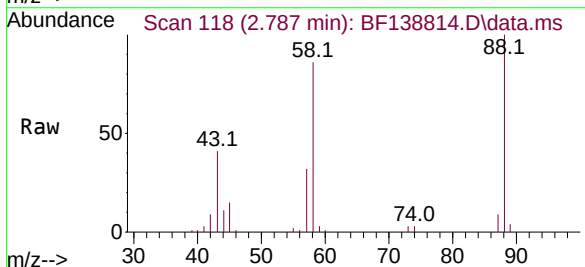
Instrument :
 BNA_F
 ClientSampleId :
 TP1MS

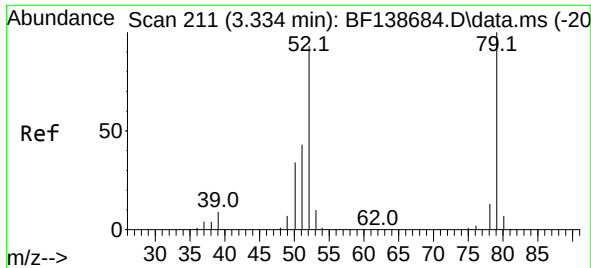
Tgt Ion:152 Resp: 37876
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.0 189.0
 115 67.0 51.7 77.5



#2
 1,4-Dioxane
 Concen: 38.441 ng
 RT: 2.787 min Scan# 118
 Delta R.T. 0.212 min
 Lab File: BF138814.D
 Acq: 06 Aug 2024 19:05

Tgt Ion: 88 Resp: 41294
 Ion Ratio Lower Upper
 88 100
 58 87.2 71.6 107.4
 43 0.0 28.7 43.1#





#3

Pyridine

Concen: 29.664 ng

RT: 3.528 min Scan# 24

Delta R.T. 0.194 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

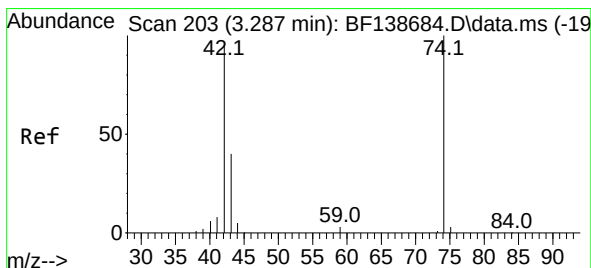
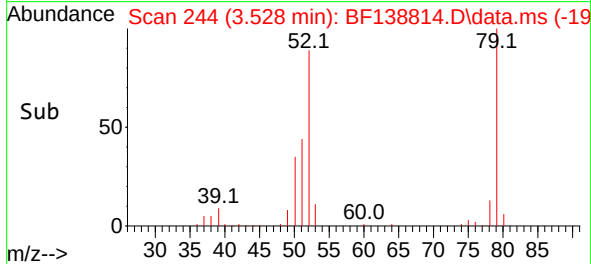
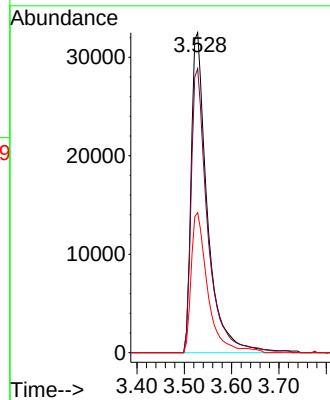
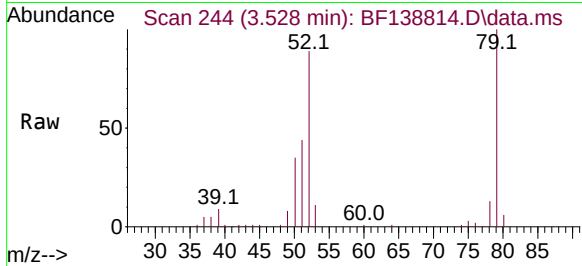
Tgt Ion: 79 Resp: 77192

Ion Ratio Lower Upper

79 100

52 88.7 74.7 112.1

51 43.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 54.645 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.153 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

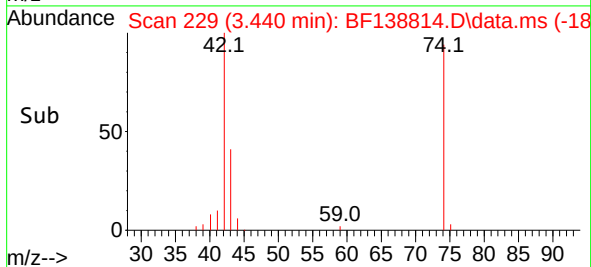
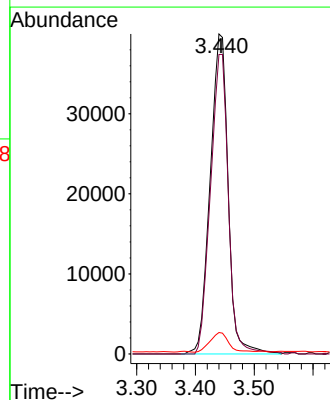
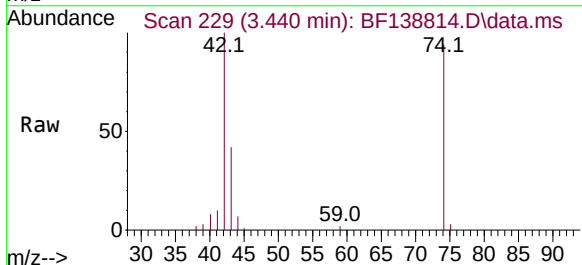
Tgt Ion: 42 Resp: 84691

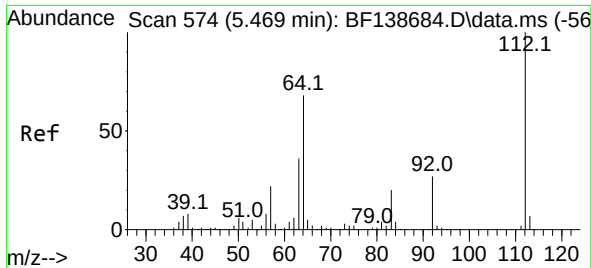
Ion Ratio Lower Upper

42 100

74 93.6 84.2 126.4

44 6.7 4.9 7.3

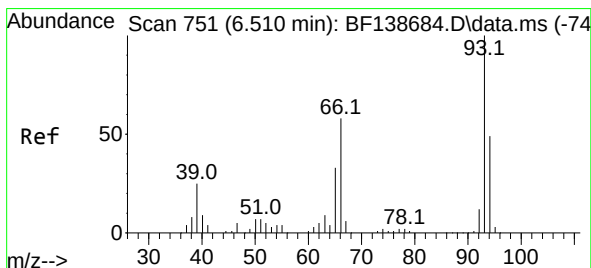
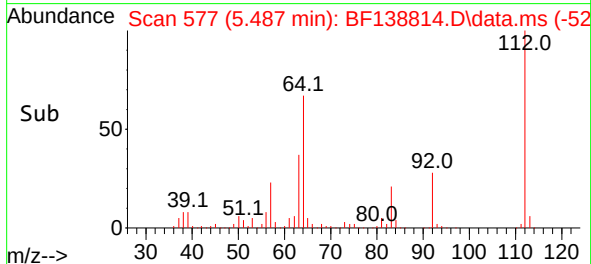
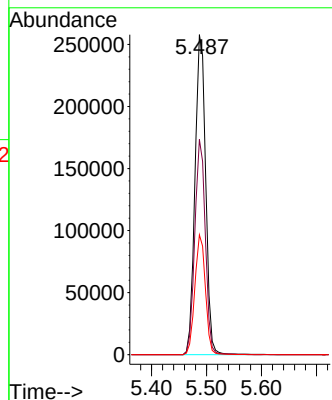
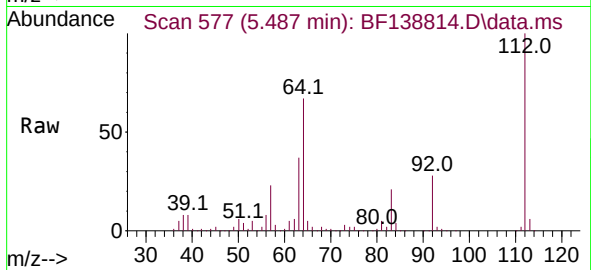




#5
2-Fluorophenol
Concen: 141.559 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

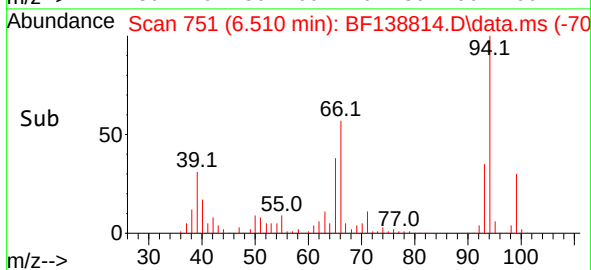
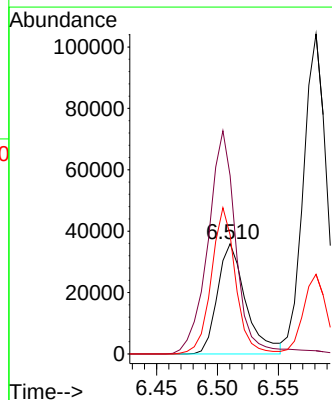
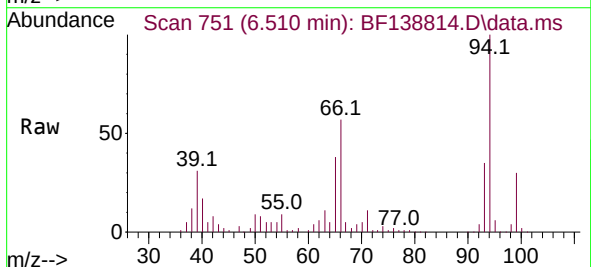
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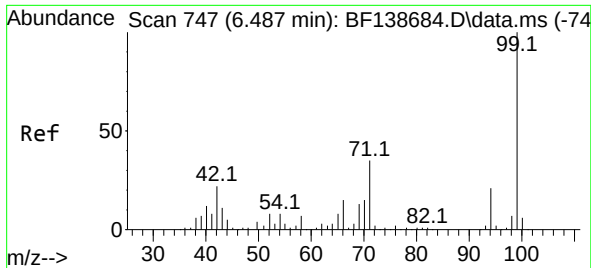
Tgt Ion:112 Resp: 347339
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 37.5 28.7 43.1



#6
Aniline
Concen: 19.833 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 93 Resp: 58268
Ion Ratio Lower Upper
93 100
66 161.7 46.9 70.3#
65 107.8 26.5 39.7#





#7

Phenol-d6

Concen: 130.424 ng

RT: 6.493 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

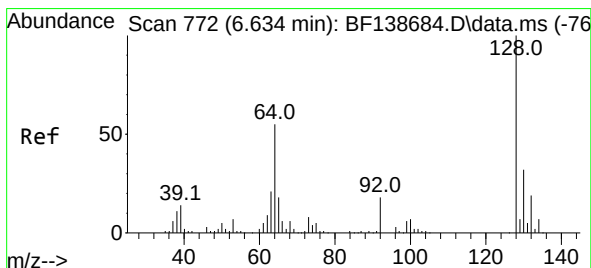
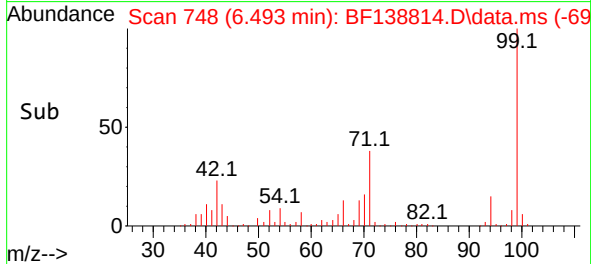
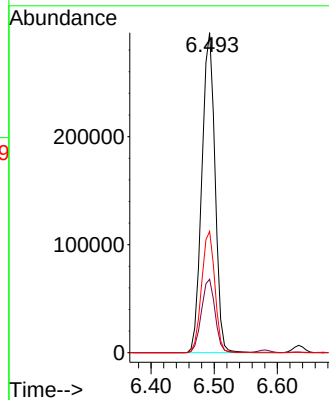
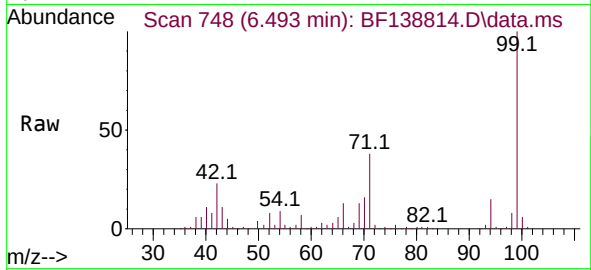
Tgt Ion: 99 Resp: 429656

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

71 37.9 28.1 42.1



#8

2-Chlorophenol

Concen: 52.804 ng

RT: 6.634 min Scan# 772

Delta R.T. 0.000 min

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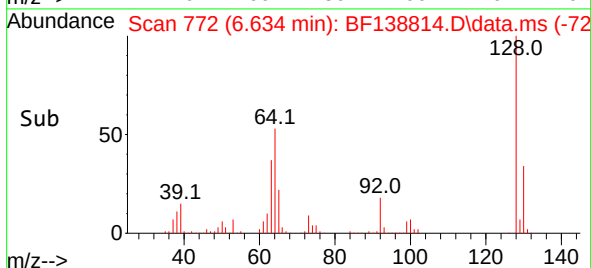
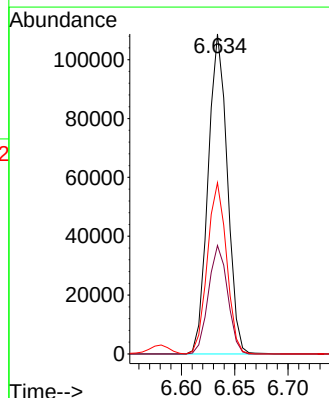
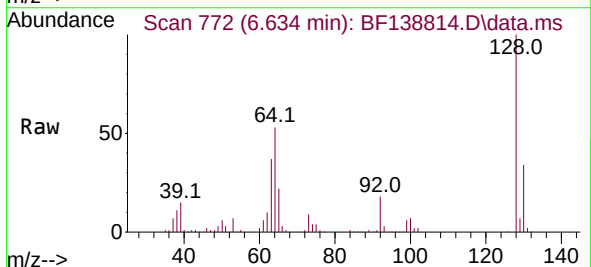
Tgt Ion:128 Resp: 136316

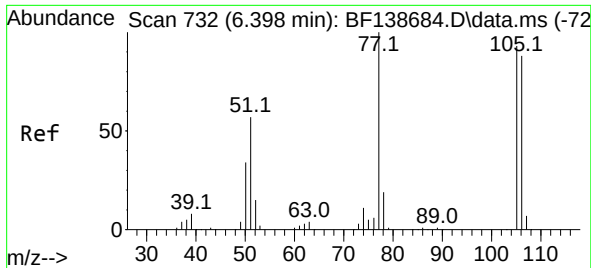
Ion Ratio Lower Upper

128 100

130 33.9 12.0 52.0

64 53.5 36.3 76.3





#9

Benzaldehyde

Concen: 3.199 ng

RT: 6.399 min Scan# 71

Delta R.T. 0.001 min

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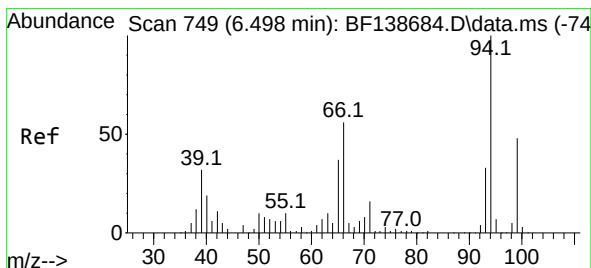
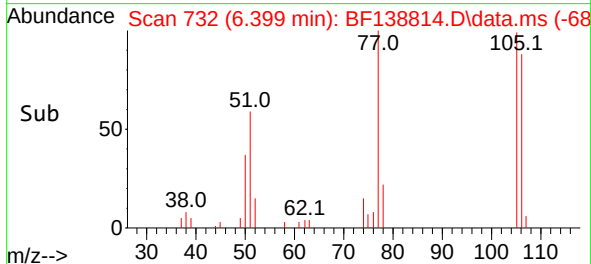
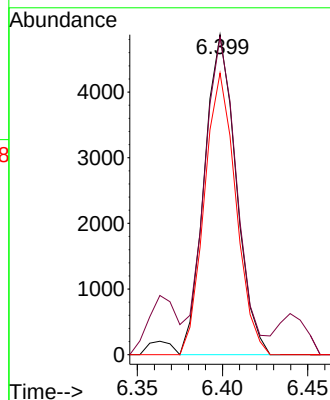
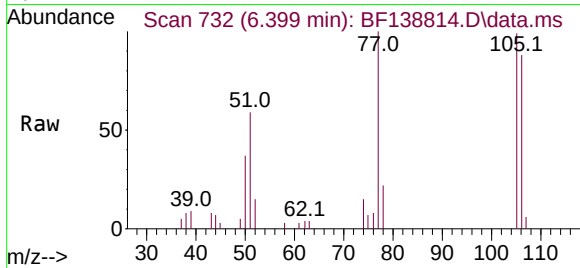
Tgt Ion: 77 Resp: 6318

Ion Ratio Lower Upper

77 100

105 99.2 72.9 112.9

106 88.0 68.4 108.4



#10

Phenol

Concen: 46.435 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

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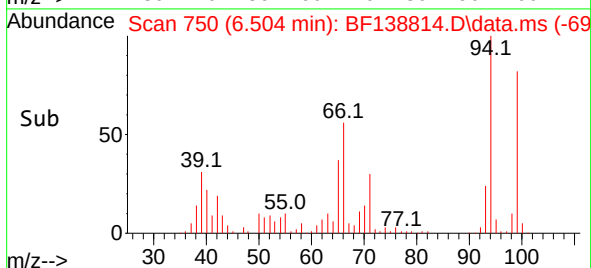
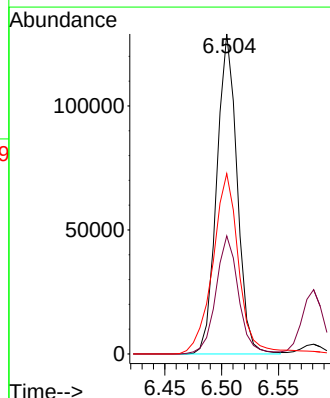
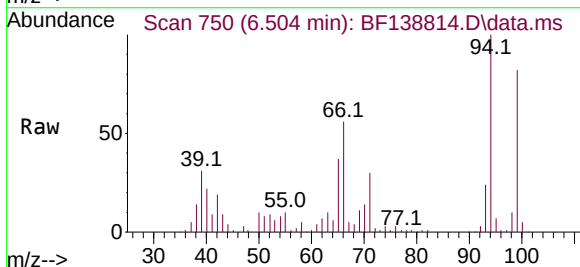
Tgt Ion: 94 Resp: 161061

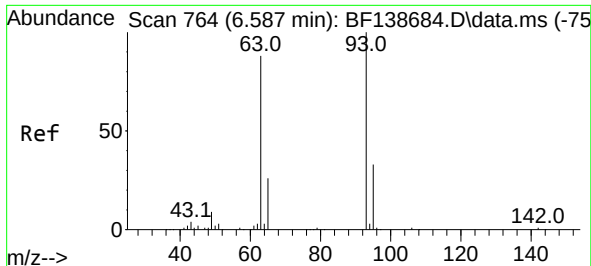
Ion Ratio Lower Upper

94 100

65 36.9 16.9 56.9

66 56.3 36.5 76.5



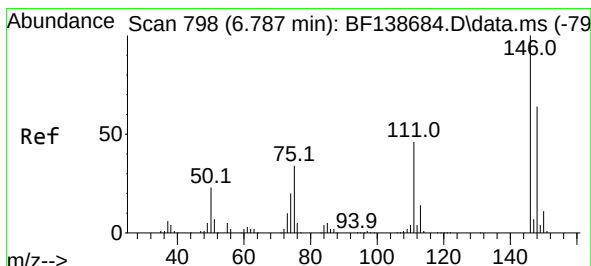
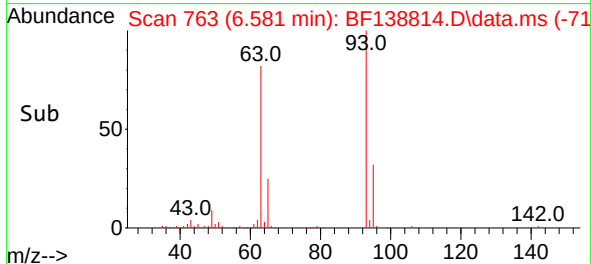
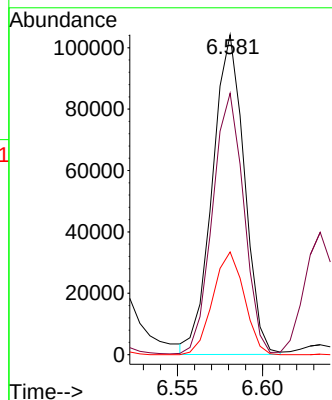
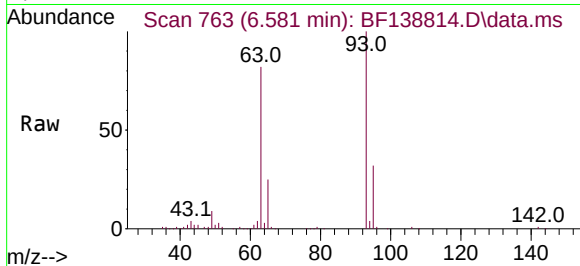


#11
 bis(2-Chloroethyl)ether
 Concen: 50.853 ng
 RT: 6.581 min Scan# 701
 Delta R.T. -0.006 min
 Lab File: BF138814.D
 Acq: 06 Aug 2024 19:05

Instrument :
 BNA_F
 ClientSampleId :
 TP1MS

Tgt Ion: 93 Resp: 135733

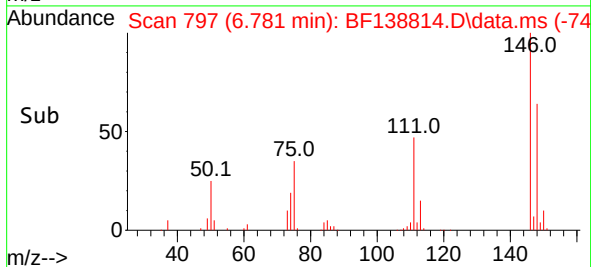
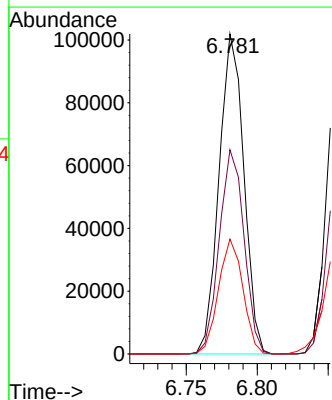
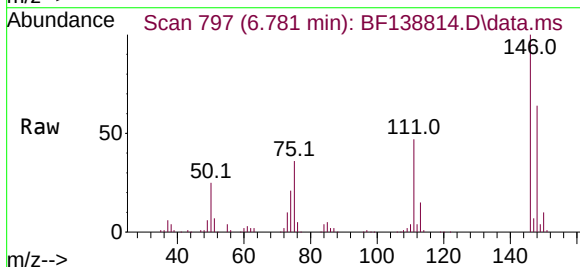
Ion	Ratio	Lower	Upper
93	100		
63	81.7	65.3	105.3
95	32.1	12.4	52.4

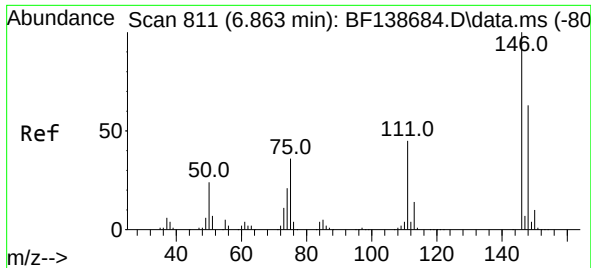


#12
 1,3-Dichlorobenzene
 Concen: 42.736 ng
 RT: 6.781 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BF138814.D
 Acq: 06 Aug 2024 19:05

Tgt Ion: 146 Resp: 123495

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
75	35.9	27.4	41.2

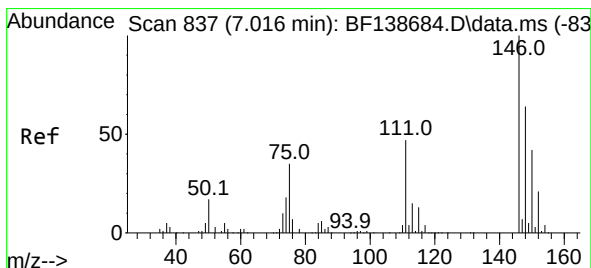
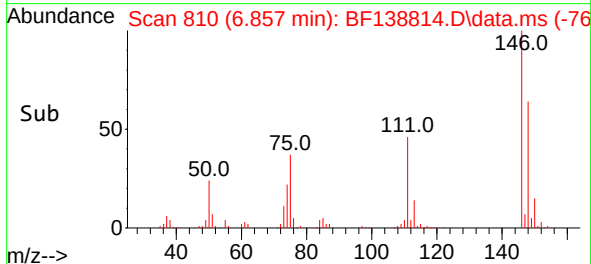
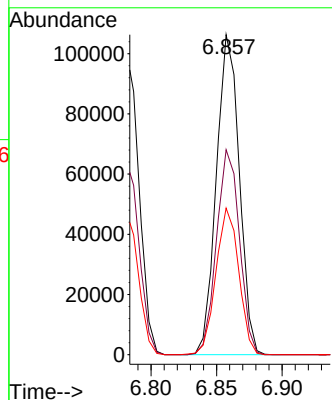
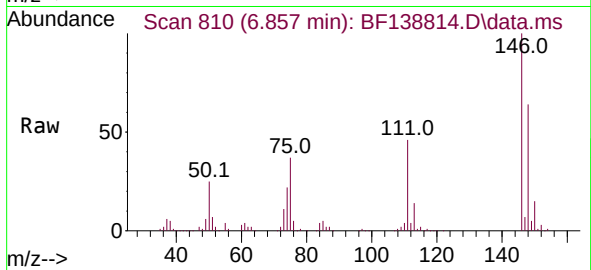




#13
1,4-Dichlorobenzene
Concen: 44.283 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

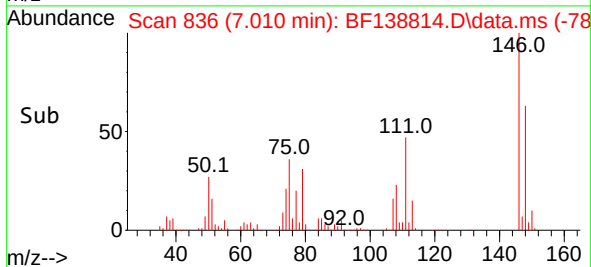
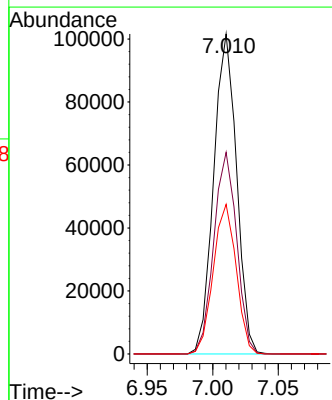
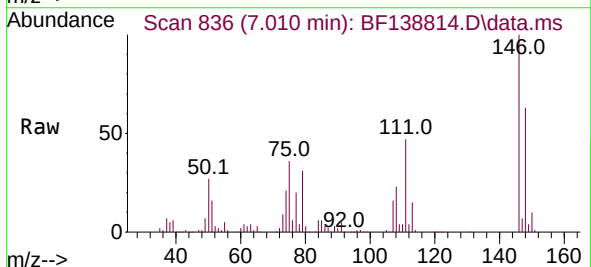
Instrument :
BNA_F
ClientSampleId :
TP1MS

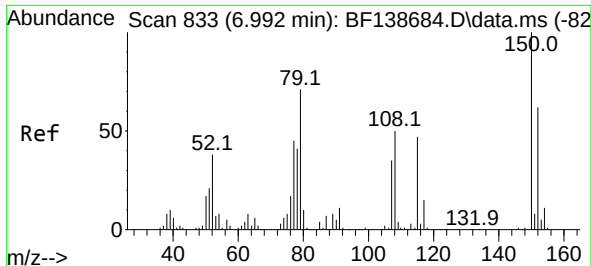
Tgt Ion:146 Resp: 129140
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.2
111 45.8 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 45.189 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:146 Resp: 123159
Ion Ratio Lower Upper
146 100
148 63.0 50.8 76.2
111 46.8 37.4 56.2

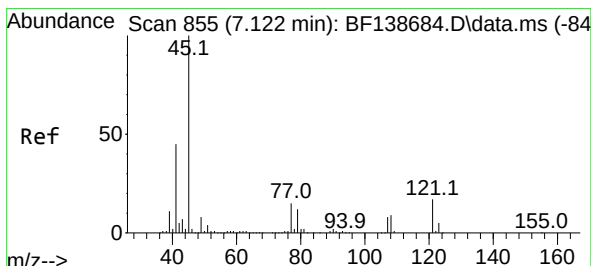
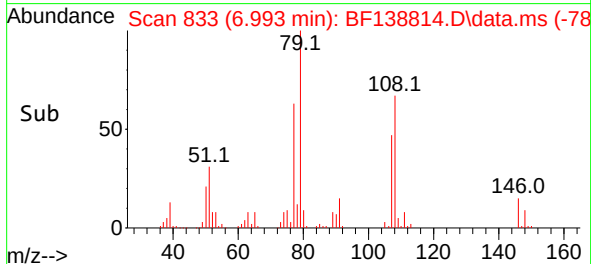
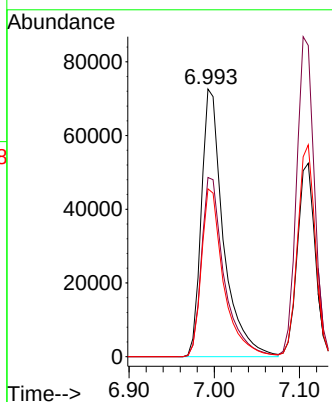
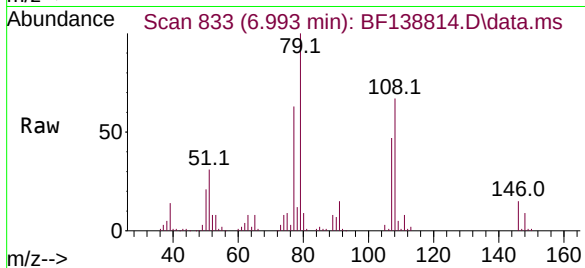




#15
Benzyl Alcohol
Concen: 55.082 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

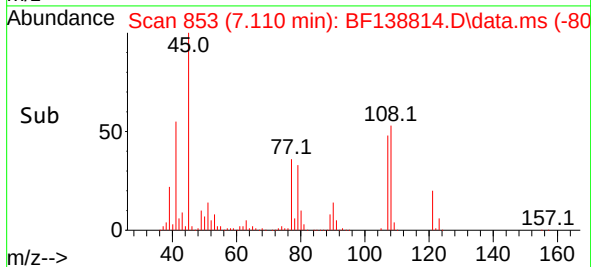
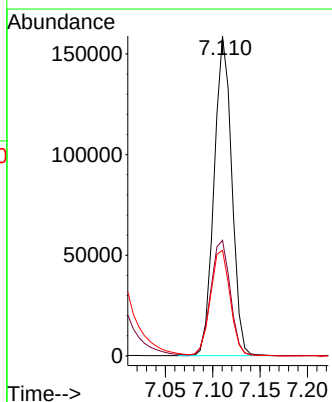
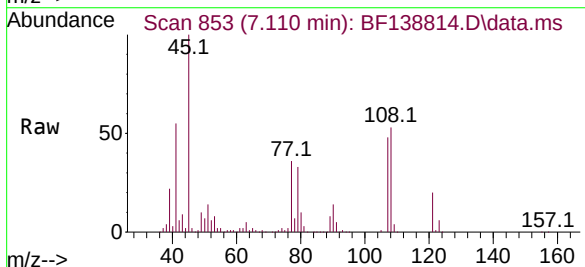
Instrument :
BNA_F
ClientSampleId :
TP1MS

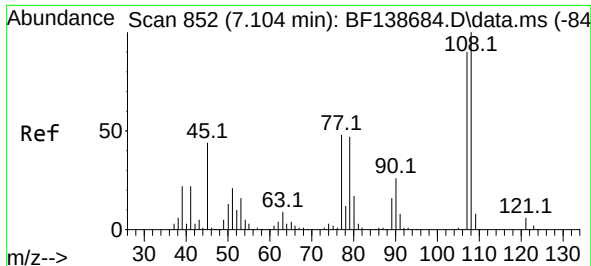
Tgt Ion: 79 Resp: 130783
Ion Ratio Lower Upper
79 100
108 67.0 56.6 85.0
77 62.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.769 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 45 Resp: 205644
Ion Ratio Lower Upper
45 100
77 36.2 0.0 34.9#
79 33.0 0.0 32.2#

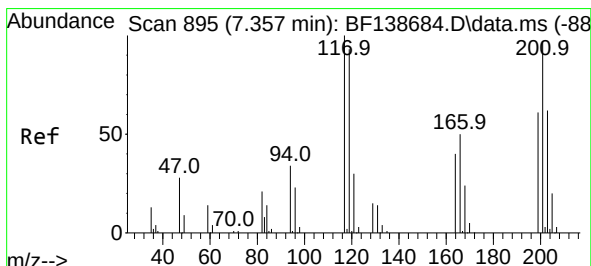
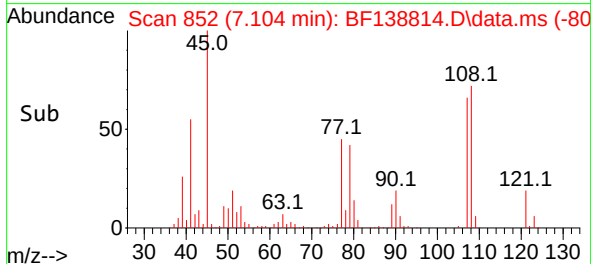
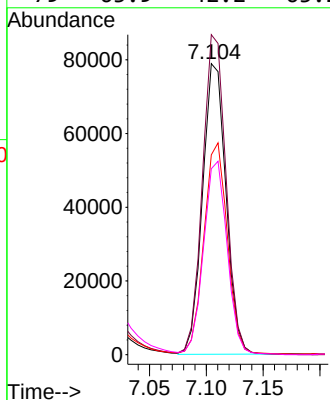
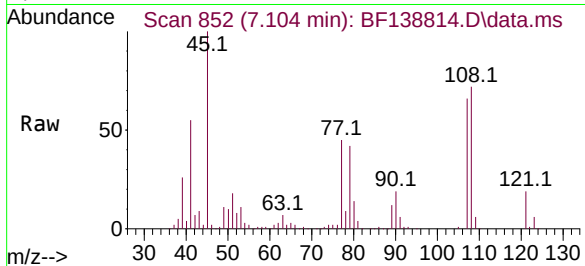




#17
2-Methylphenol
Concen: 53.048 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

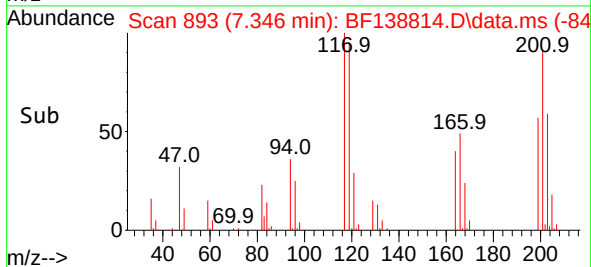
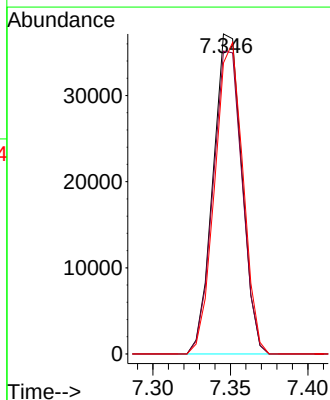
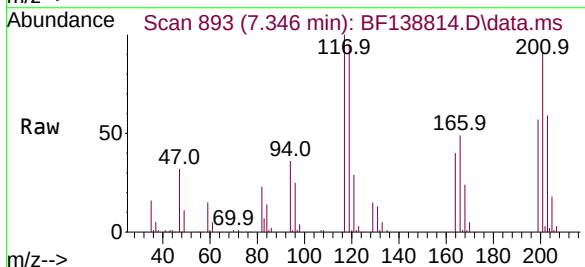
Instrument :
BNA_F
ClientSampleId :
TP1MS

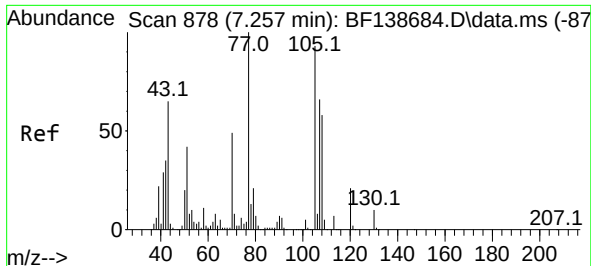
Tgt Ion:107 Resp: 113081
Ion Ratio Lower Upper
107 100
108 109.9 89.2 133.8
77 68.7 43.0 64.4#
79 63.9 42.2 63.2#



#18
Hexachloroethane
Concen: 43.614 ng
RT: 7.346 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:117 Resp: 47877
Ion Ratio Lower Upper
117 100
119 94.7 74.6 111.8
201 91.0 77.2 115.8



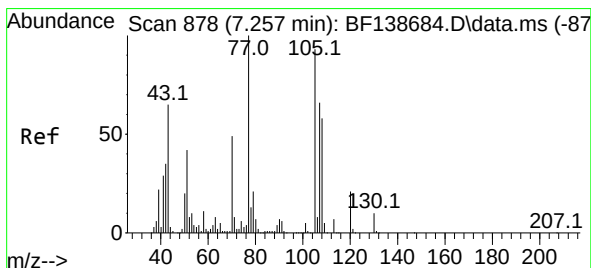
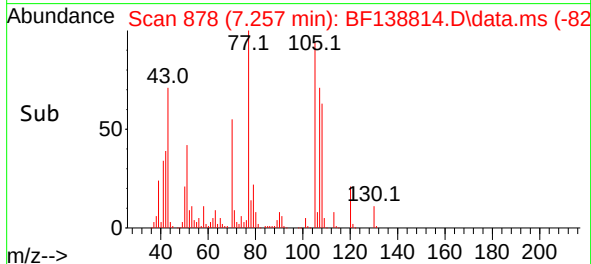
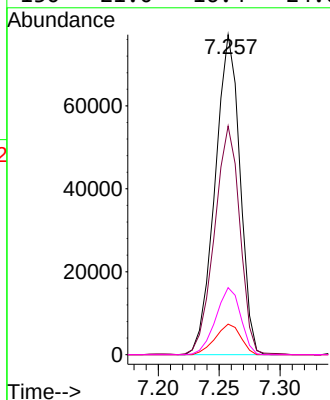
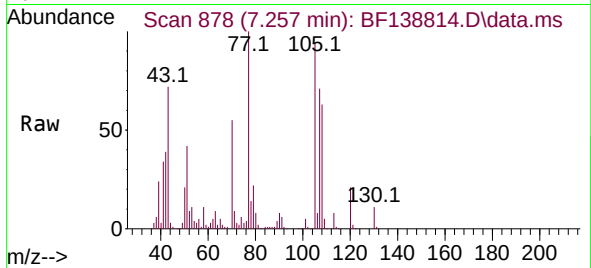


#19
n-Nitroso-di-n-propylamine
Concen: 55.089 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Instrument :
BNA_F
ClientSampleId :
TP1MS

Tgt Ion: 70 Resp: 109610

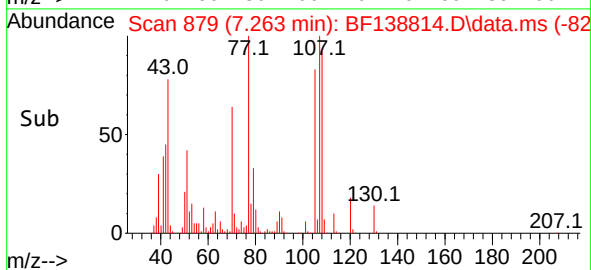
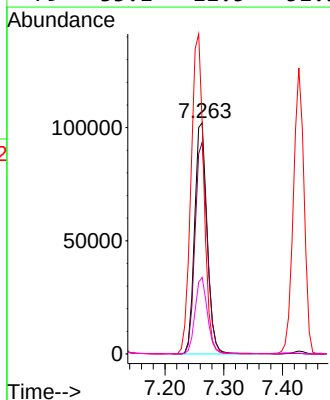
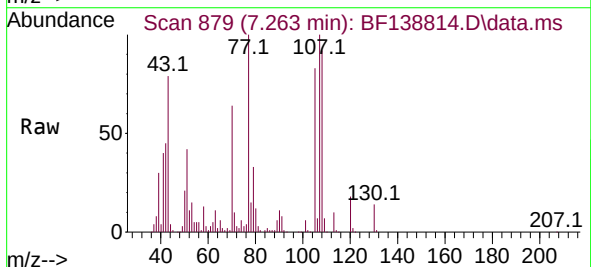
Ion	Ratio	Lower	Upper
70	100		
42	71.5	57.4	86.0
101	9.6	7.5	11.3
130	21.0	16.4	24.6

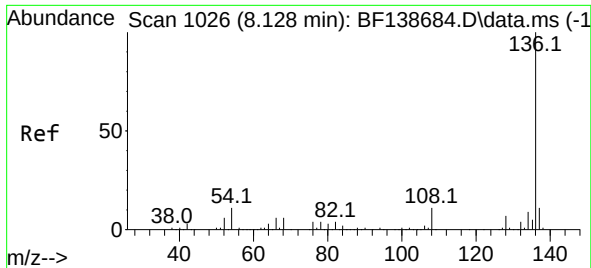


#20
3+4-Methylphenols
Concen: 55.206 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion: 107 Resp: 150992

Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	99.6	132.1	172.1#
79	33.1	11.5	51.5

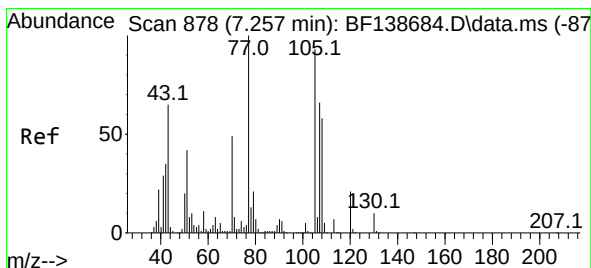
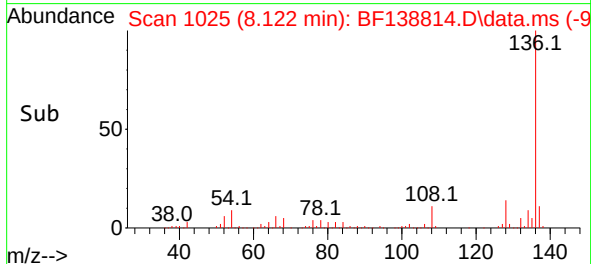
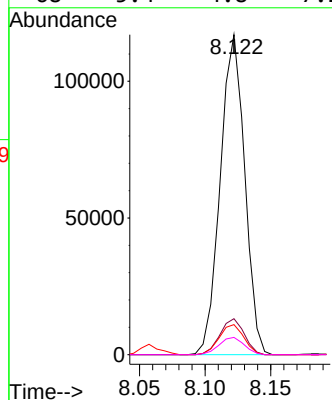
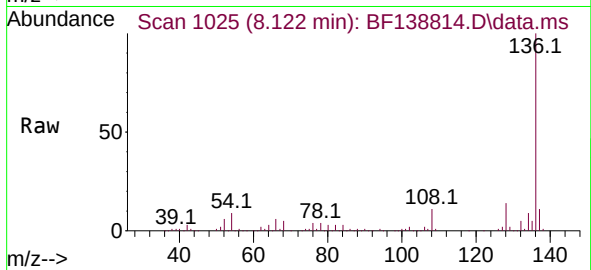




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

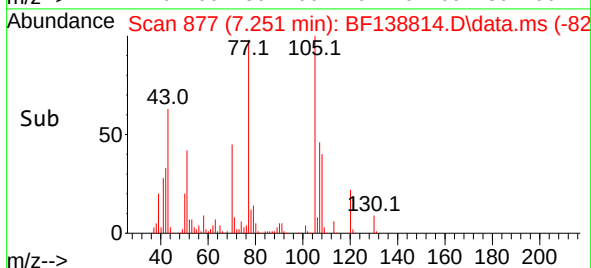
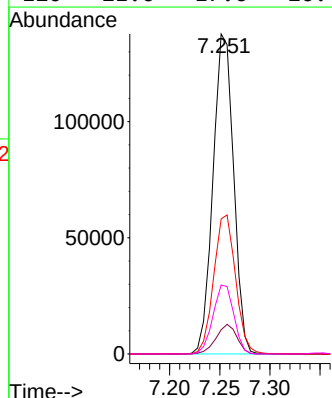
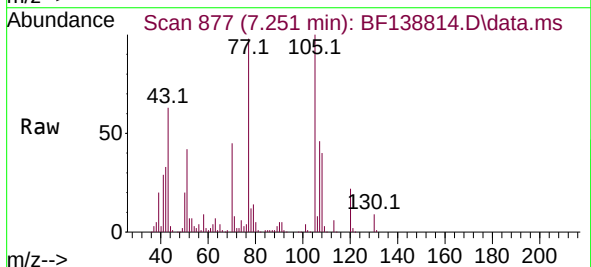
Instrument :
BNA_F
ClientSampleId :
TP1MS

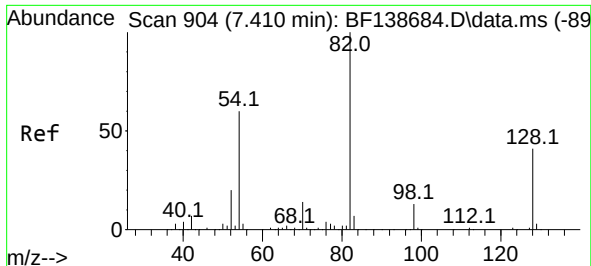
Tgt Ion:	136	Resp:	151632
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.4	8.6	12.8
68	5.4	4.8	7.2



#22
Acetophenone
Concen: 53.041 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:	105	Resp:	196926
Ion	Ratio	Lower	Upper
105	100		
71	7.5	7.2	10.8
51	42.2	35.9	53.9
120	21.6	17.6	26.4





#23

Nitrobenzene-d5

Concen: 103.537 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

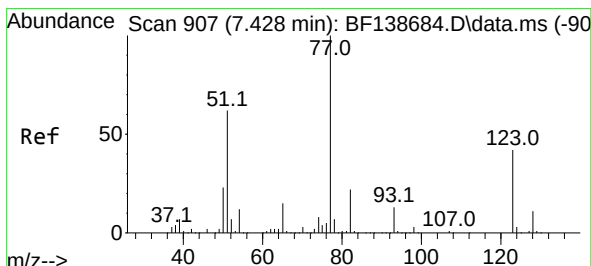
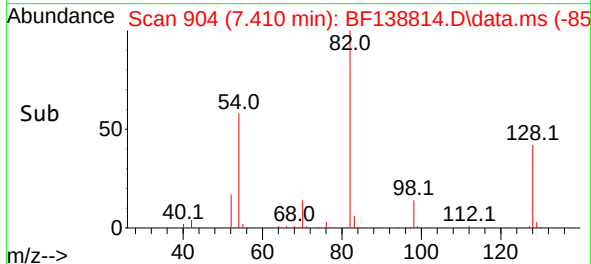
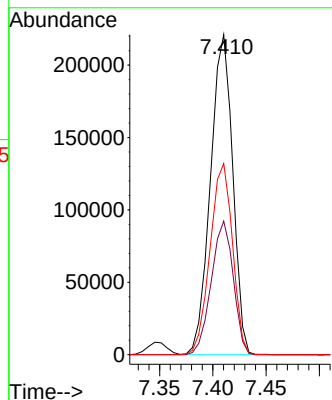
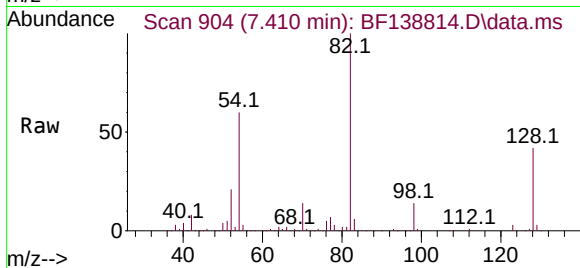
Tgt Ion: 82 Resp: 321111

Ion Ratio Lower Upper

82 100

128 41.8 32.8 49.2

54 59.7 48.3 72.5



#24

Nitrobenzene

Concen: 50.366 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

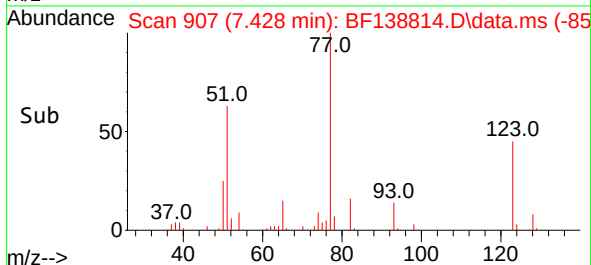
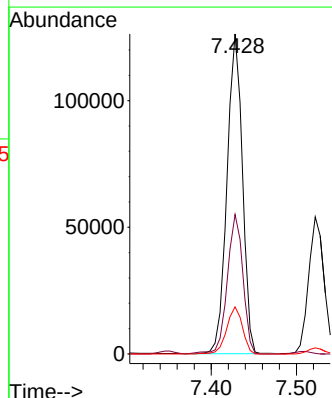
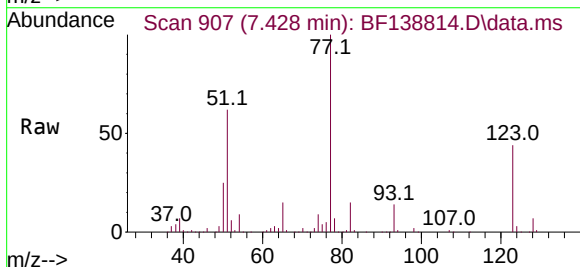
Tgt Ion: 77 Resp: 158951

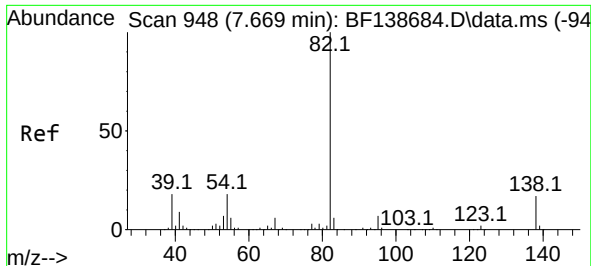
Ion Ratio Lower Upper

77 100

123 43.6 33.3 49.9

65 14.7 11.9 17.9

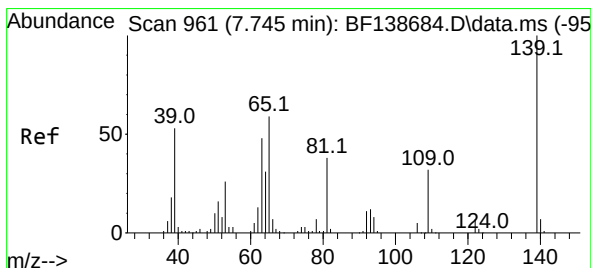
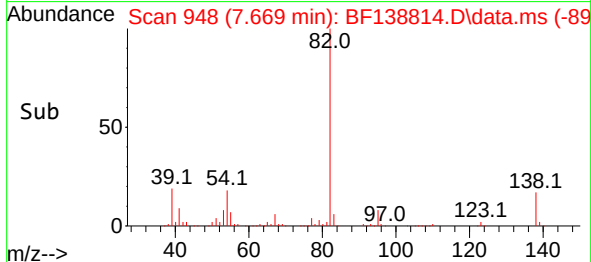
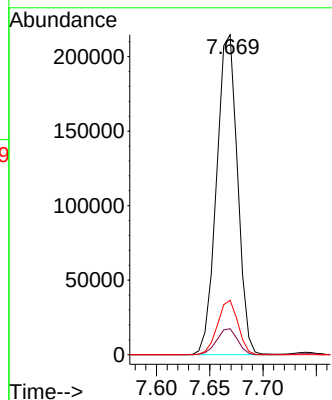
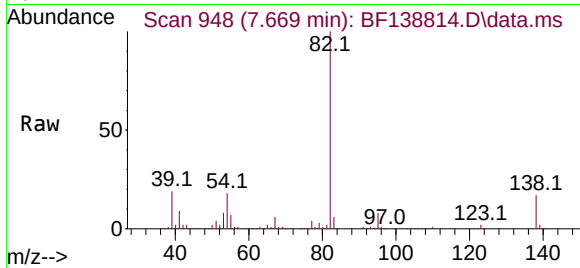




#25
Isophorone
Concen: 55.388 ng
RT: 7.669 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

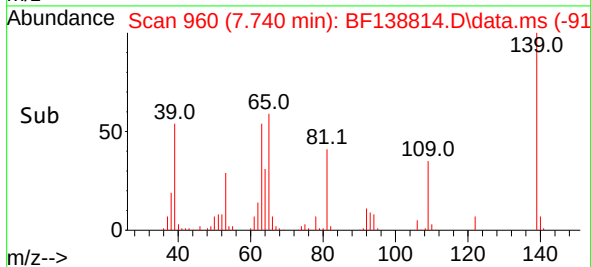
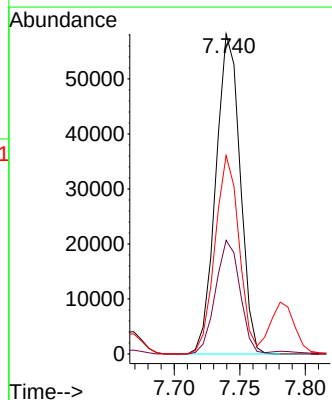
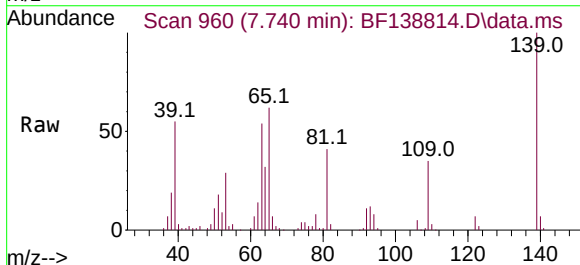
Instrument :
BNA_F
ClientSampleId :
TP1MS

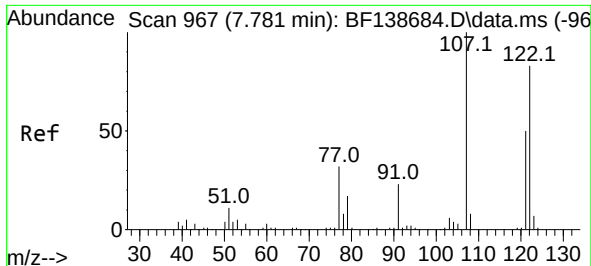
Tgt Ion: 82 Resp: 293325
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 17.0 13.7 20.5



#26
2-Nitrophenol
Concen: 55.112 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:139 Resp: 74829
Ion Ratio Lower Upper
139 100
109 35.5 25.9 38.9
65 62.0 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 61.150 ng

RT: 7.781 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

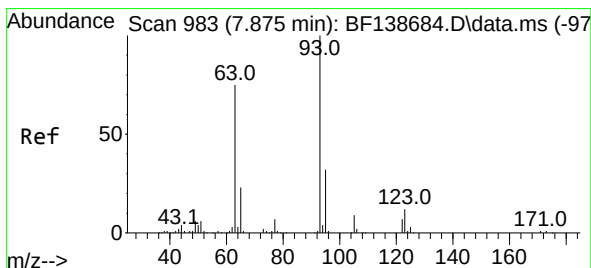
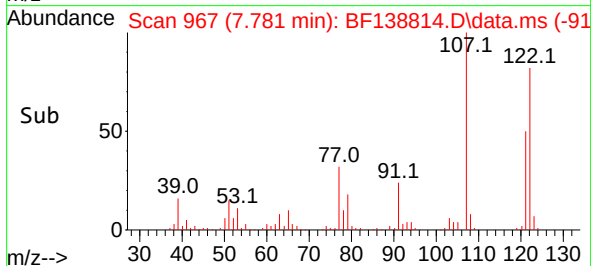
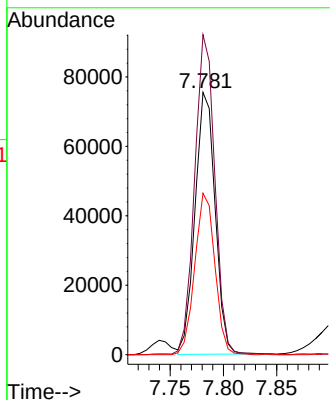
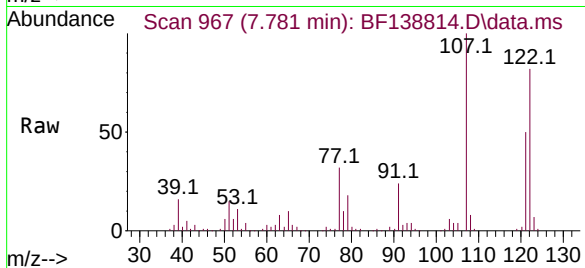
Tgt Ion:122 Resp: 99340

Ion Ratio Lower Upper

122 100

107 122.0 95.0 142.6

121 61.6 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 52.743 ng

RT: 7.869 min Scan# 982

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

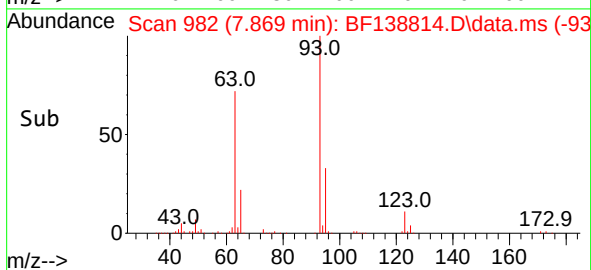
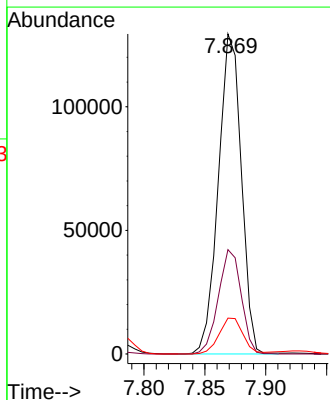
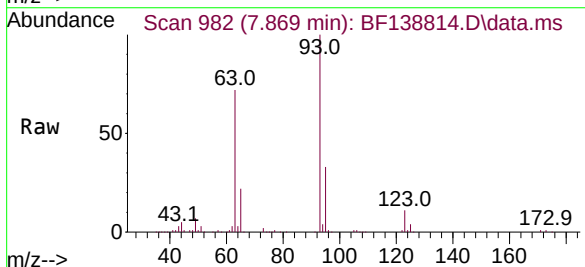
Tgt Ion: 93 Resp: 170096

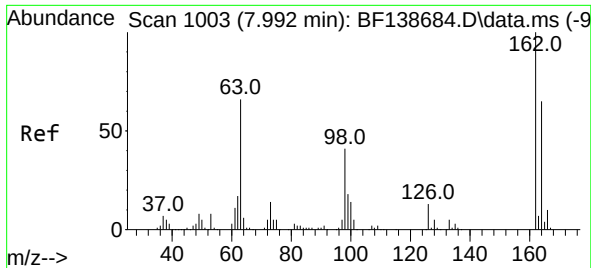
Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 56.180 ng

RT: 7.987 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

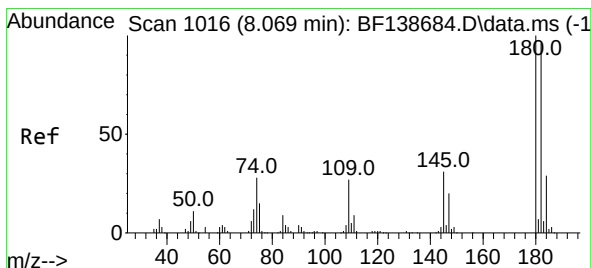
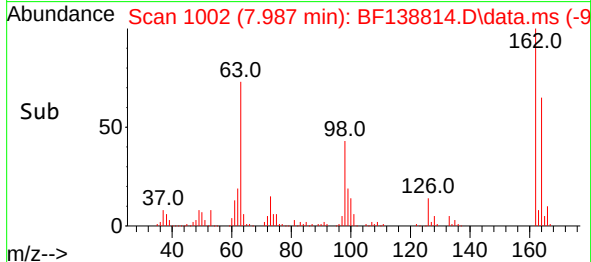
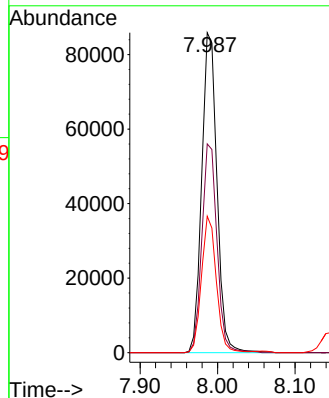
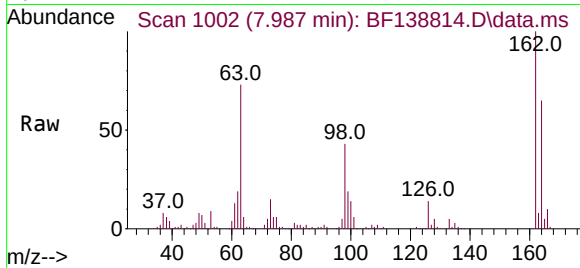
Tgt Ion:162 Resp: 117277

Ion Ratio Lower Upper

162 100

164 65.3 44.7 84.7

98 42.6 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 49.903 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

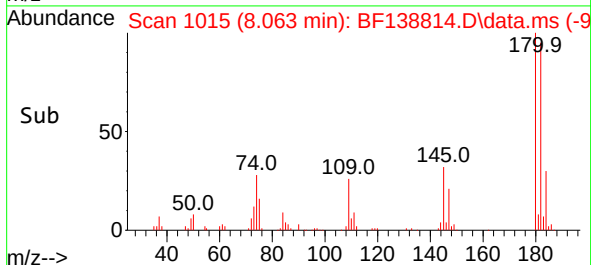
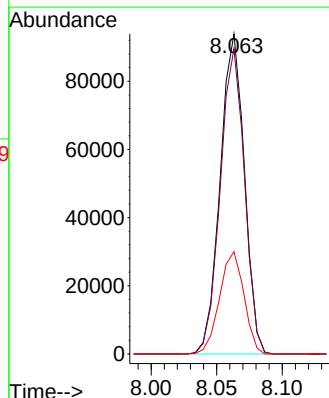
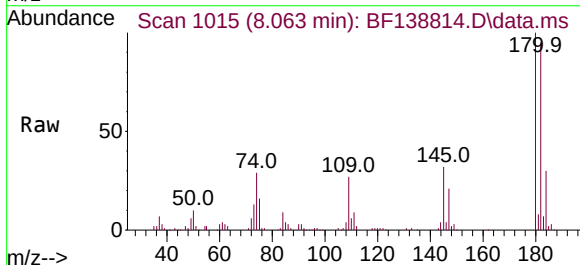
Tgt Ion:180 Resp: 120218

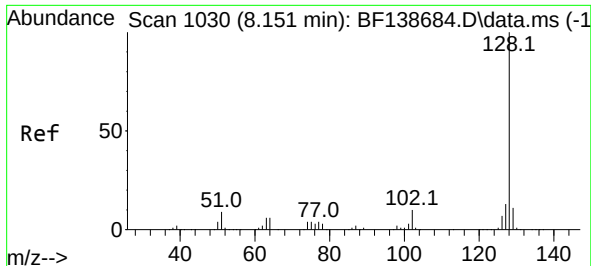
Ion Ratio Lower Upper

180 100

182 95.4 76.9 115.3

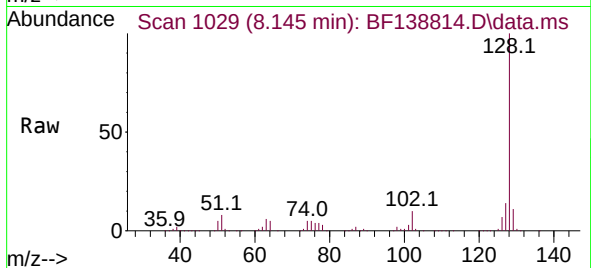
145 31.9 25.0 37.4



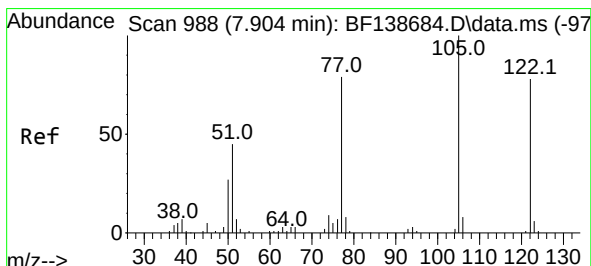
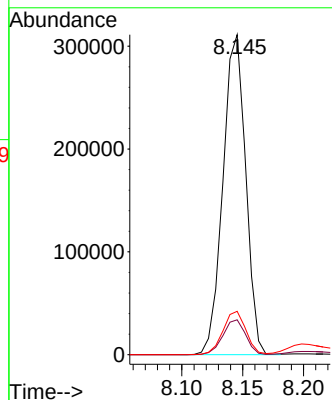
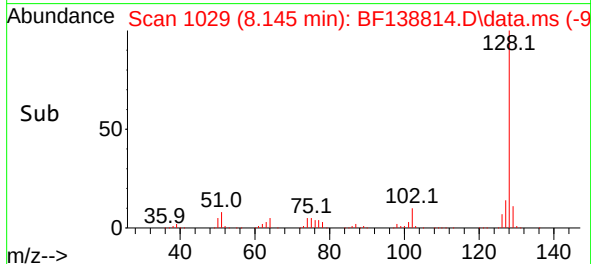


#31
Naphthalene
Concen: 50.687 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Instrument :
BNA_F
ClientSampleId :
TP1MS

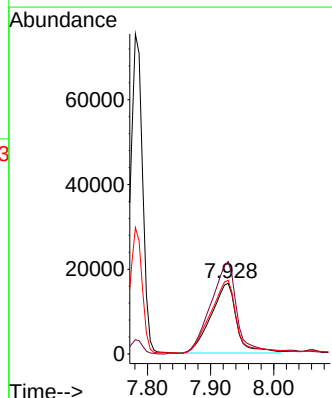
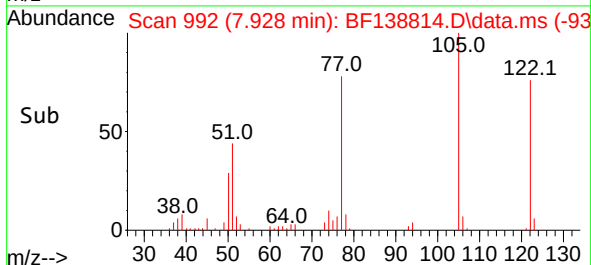
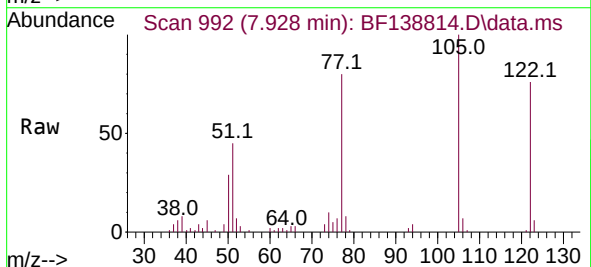


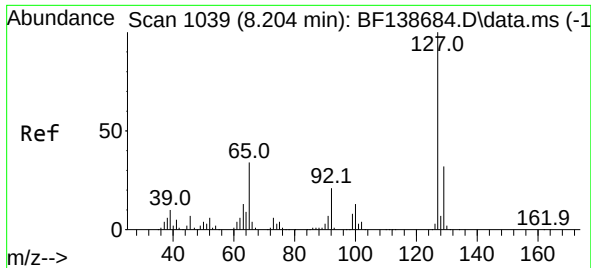
Tgt Ion:128 Resp: 404555
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 36.362 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:122 Resp: 46434
Ion Ratio Lower Upper
122 100
105 131.0 106.7 146.7
77 104.3 81.1 121.1

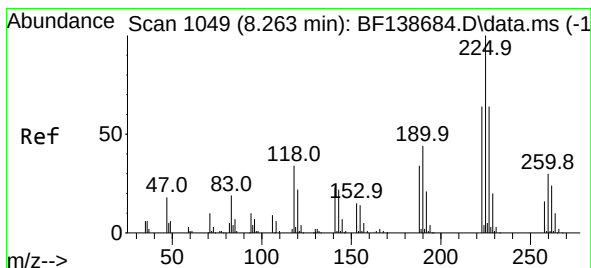
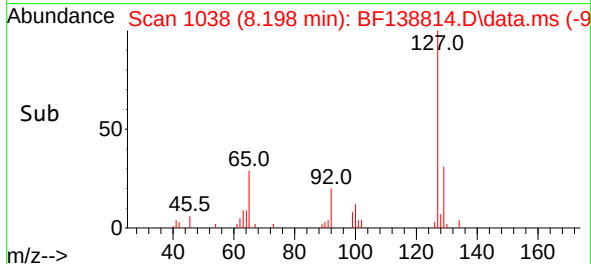
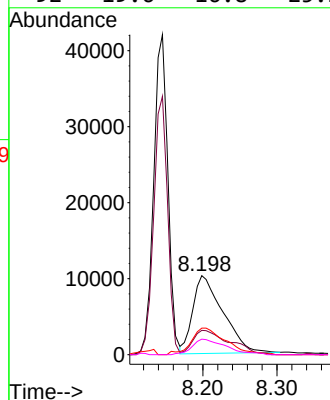
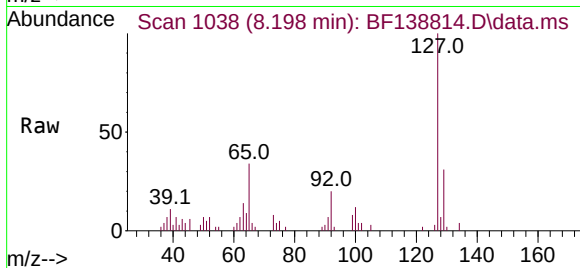




#33
4-Chloroaniline
Concen: 10.778 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

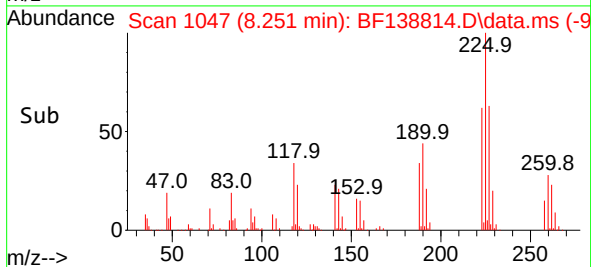
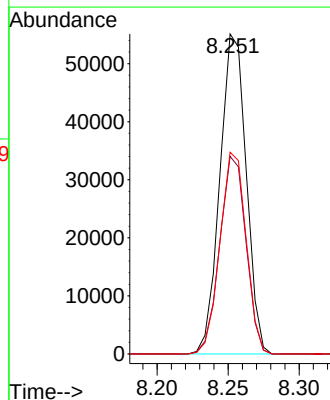
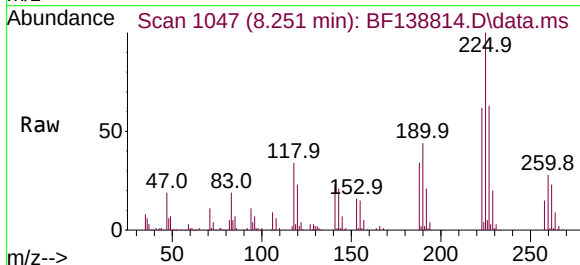
Instrument :
BNA_F
ClientSampleId :
TP1MS

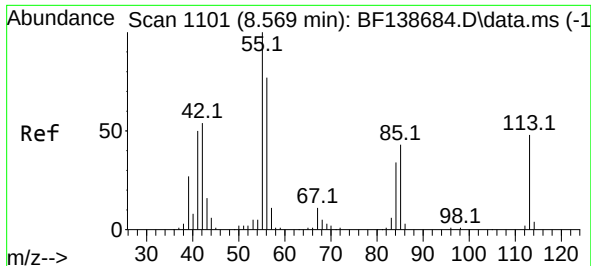
Tgt Ion:127	Resp:	28875
Ion	Ratio	Lower Upper
127	100	
129	30.8	25.9 38.9
65	33.7	27.6 41.4
92	19.6	16.8 25.2



#34
Hexachlorobutadiene
Concen: 48.694 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:225	Resp:	71051
Ion	Ratio	Lower Upper
225	100	
223	61.7	51.2 76.8
227	63.1	51.1 76.7

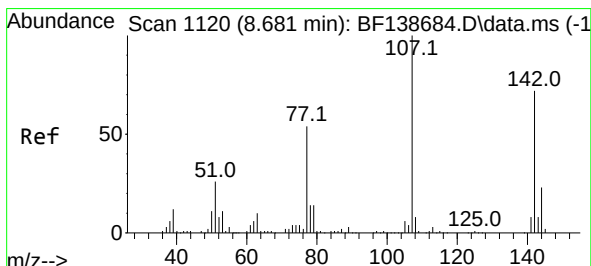
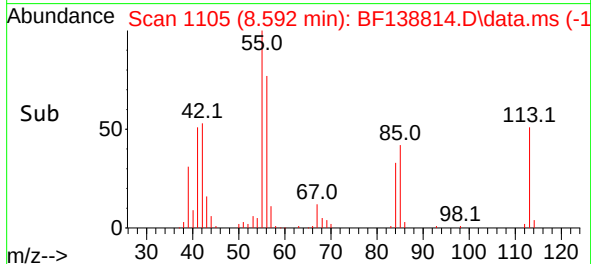
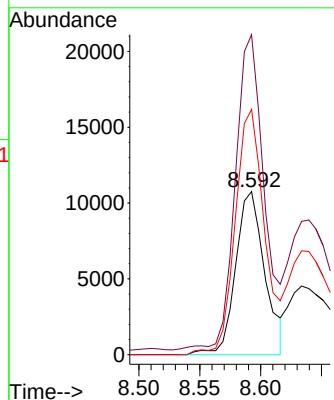
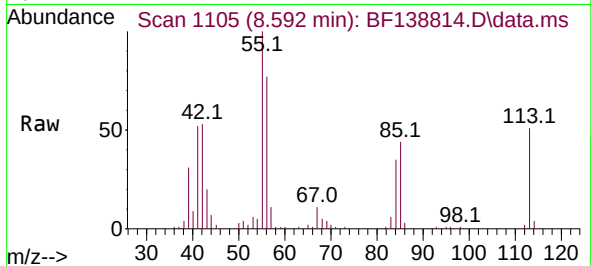




#35
 Caprolactam
 Concen: 28.678 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. 0.024 min
 Lab File: BF138814.D
 Acq: 06 Aug 2024 19:05

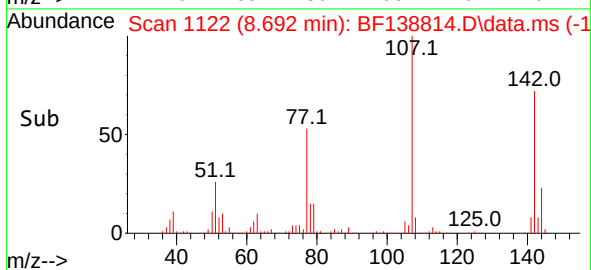
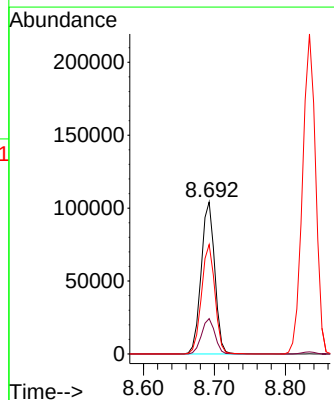
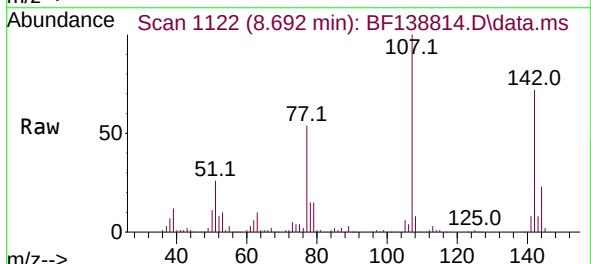
Instrument :
 BNA_F
 ClientSampleId :
 TP1MS

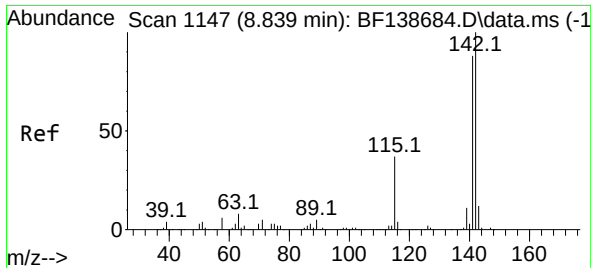
Tgt Ion:113 Resp: 17863
 Ion Ratio Lower Upper
 113 100
 55 196.4 186.7 226.7
 56 150.5 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 58.373 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF138814.D
 Acq: 06 Aug 2024 19:05

Tgt Ion:107 Resp: 139260
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.2 27.2
 142 72.0 57.4 86.2





#37

2-Methylnaphthalene

Concen: 55.525 ng

RT: 8.834 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

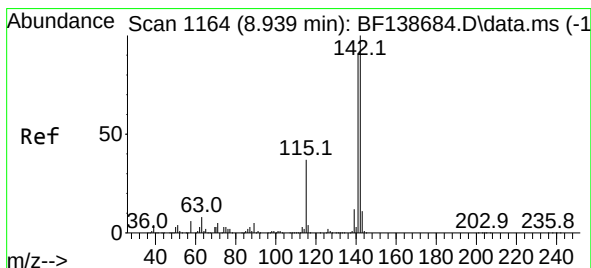
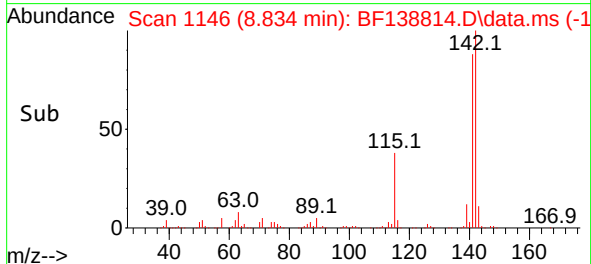
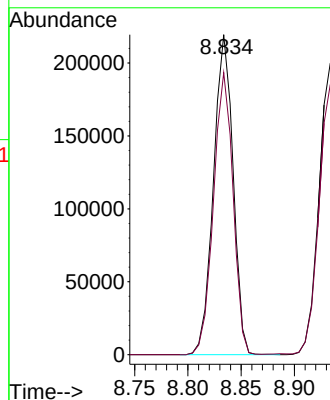
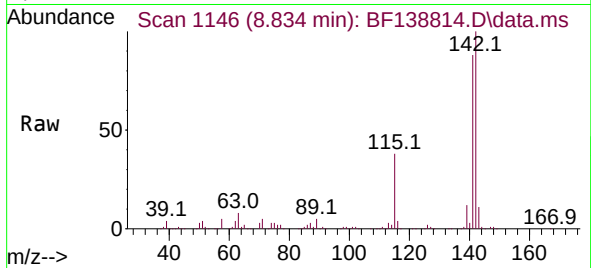
TP1MS

Tgt Ion:142 Resp: 279887

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2



#38

1-Methylnaphthalene

Concen: 52.002 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138814.D

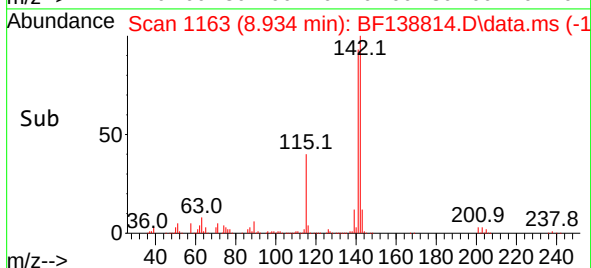
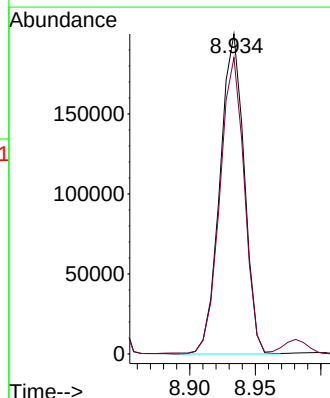
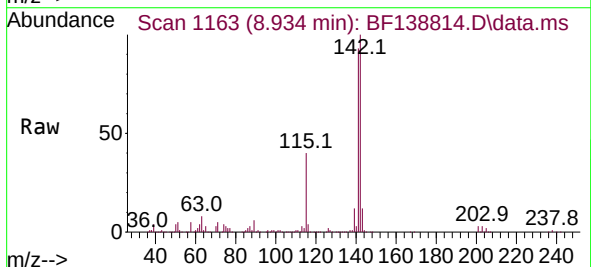
Acq: 06 Aug 2024 19:05

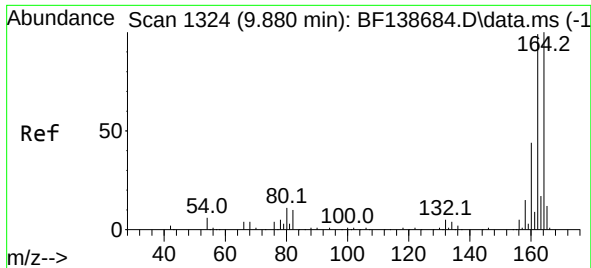
Tgt Ion:142 Resp: 256862

Ion Ratio Lower Upper

142 100

141 92.6 73.1 109.7

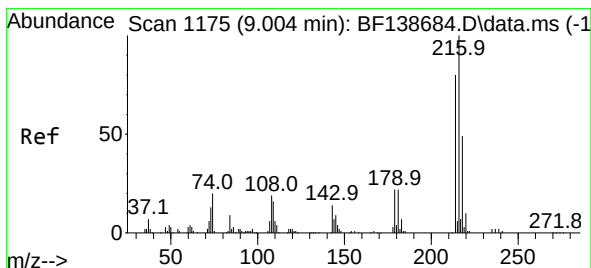
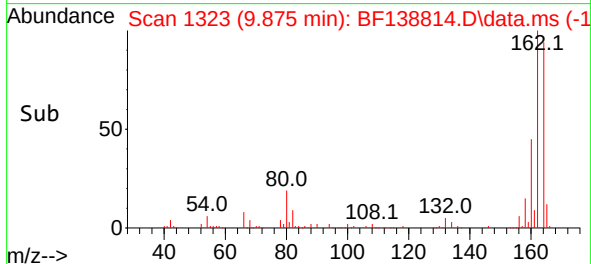
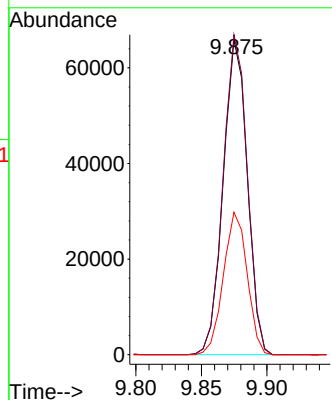
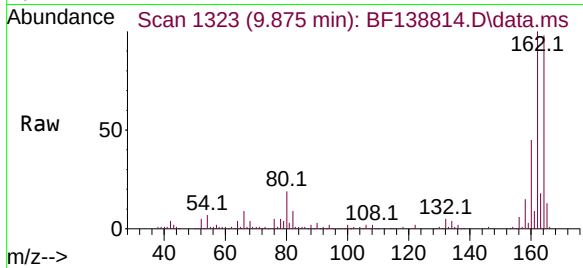




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

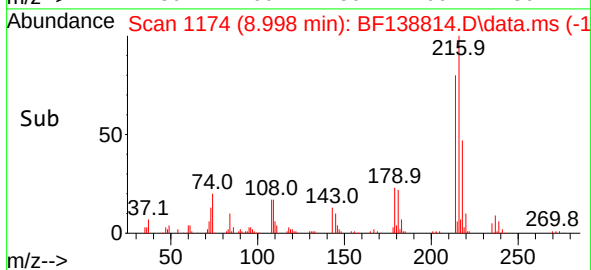
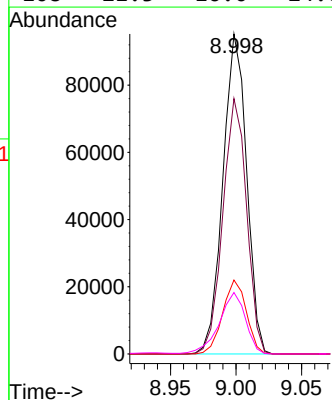
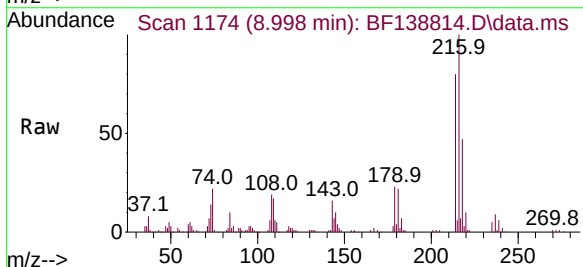
Instrument :
BNA_F
ClientSampleId :
TP1MS

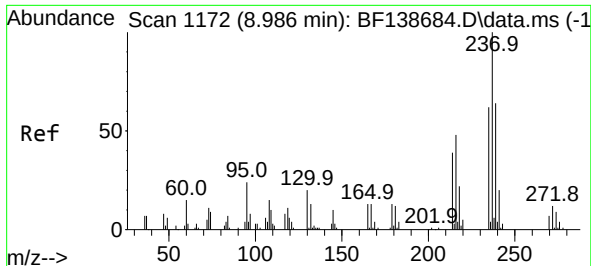
Tgt Ion:164 Resp: 84109
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.0
160 45.3 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.232 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

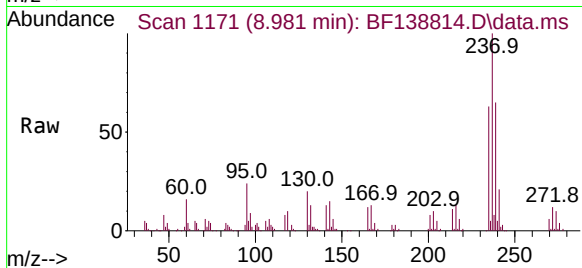
Tgt Ion:216 Resp: 119701
Ion Ratio Lower Upper
216 100
214 79.7 63.9 95.9
179 23.1 17.8 26.6
108 21.3 16.0 24.0



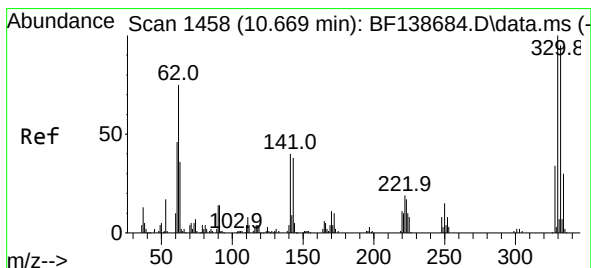
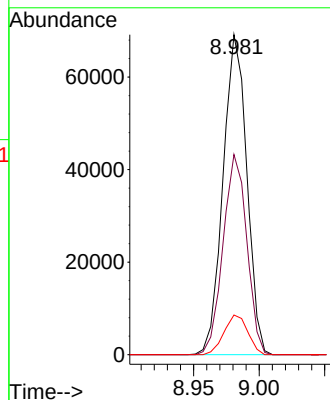
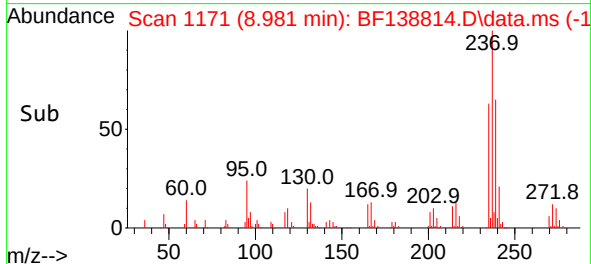


#41
Hexachlorocyclopentadiene
Concen: 135.679 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Instrument :
BNA_F
ClientSampleId :
TP1MS

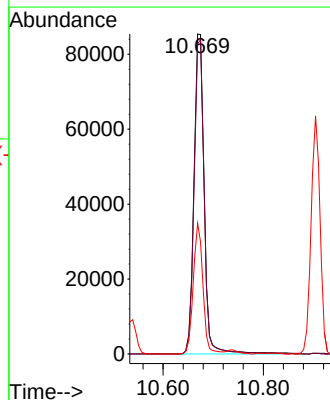
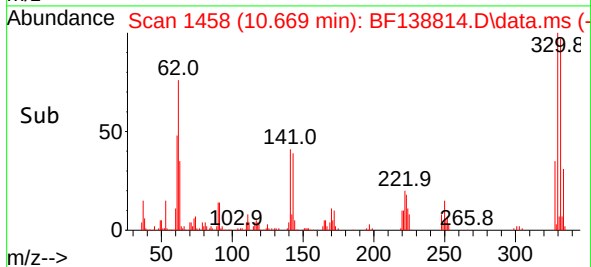
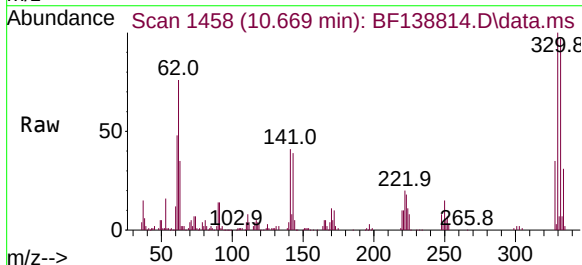


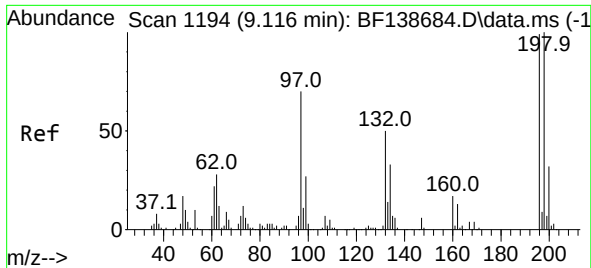
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.6	41.8	81.8
272	12.4	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 174.842 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.4	114.6
141	38.6	31.1	46.7

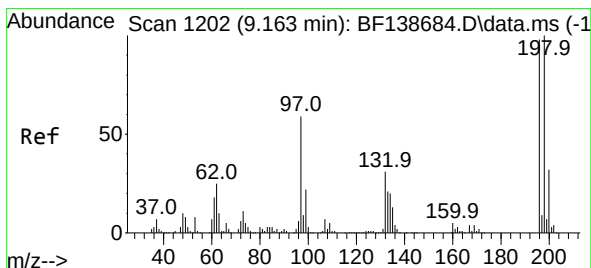
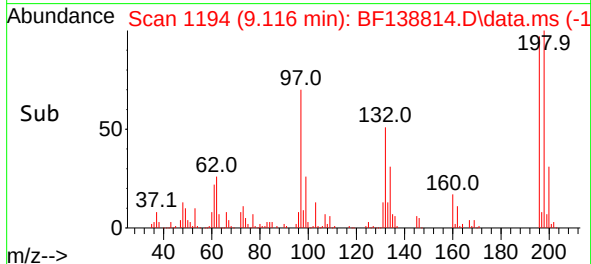
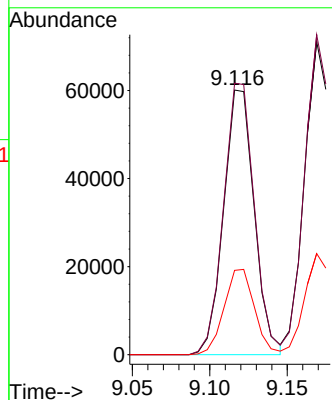
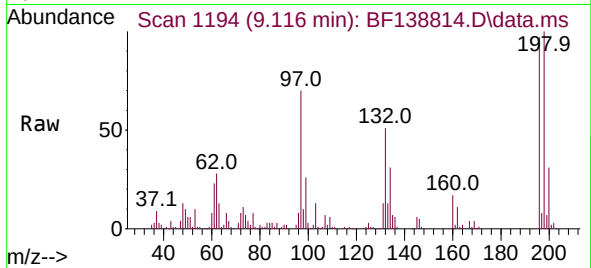




#43
 2,4,6-Trichlorophenol
 Concen: 58.022 ng
 RT: 9.116 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: BF138814.D
 Acq: 06 Aug 2024 19:05

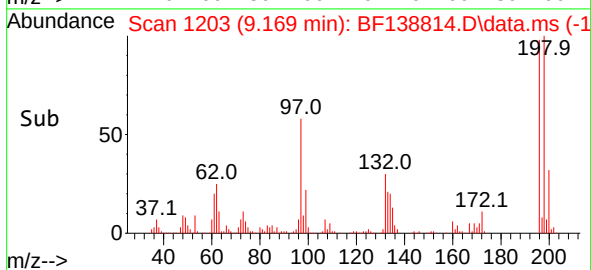
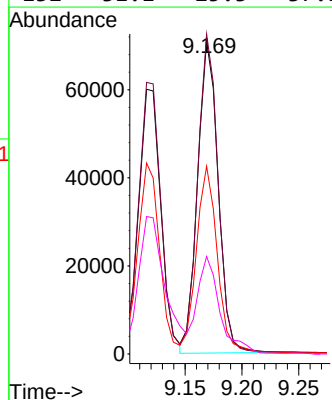
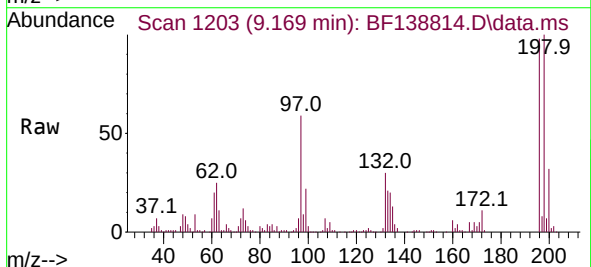
Instrument :
 BNA_F
 ClientSampleId :
 TP1MS

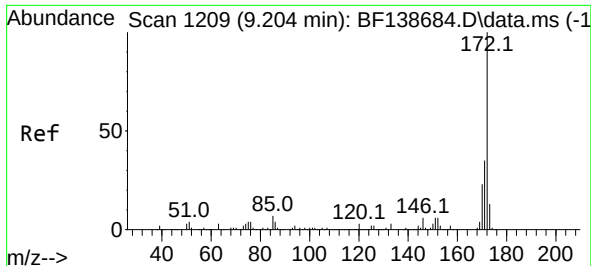
Tgt Ion:196 Resp: 82656
 Ion Ratio Lower Upper
 196 100
 198 102.6 80.5 120.7
 200 31.9 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 57.379 ng
 RT: 9.169 min Scan# 1203
 Delta R.T. 0.006 min
 Lab File: BF138814.D
 Acq: 06 Aug 2024 19:05

Tgt Ion:196 Resp: 89359
 Ion Ratio Lower Upper
 196 100
 198 102.2 81.2 121.8
 97 60.0 47.8 71.6
 132 31.1 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 107.980 ng

RT: 9.198 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

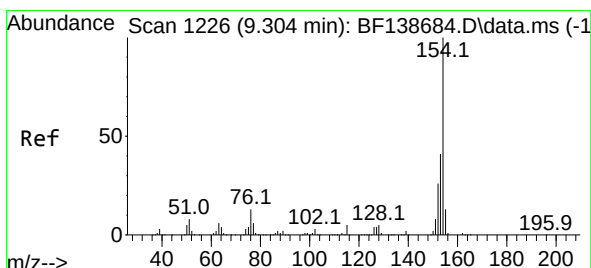
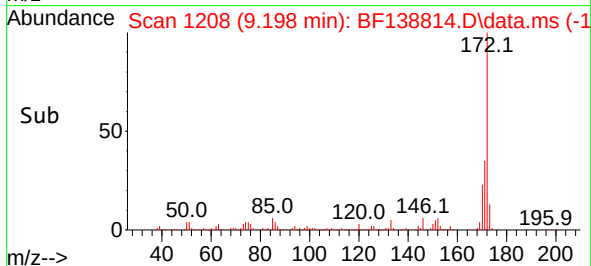
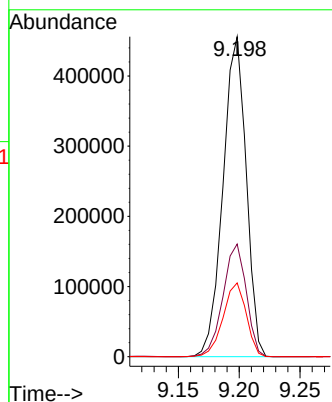
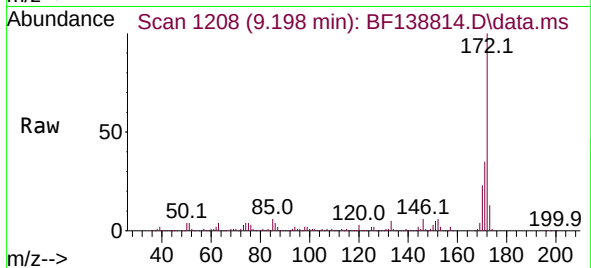
Tgt Ion:172 Resp: 604465

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.1 18.8 28.2



#46

1,1'-Biphenyl

Concen: 51.258 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

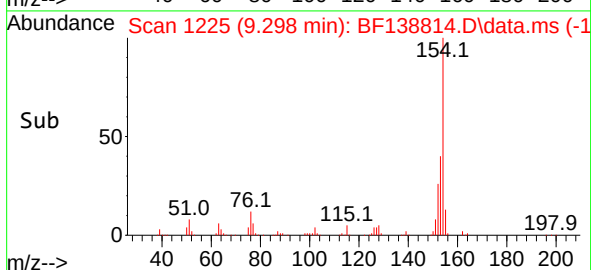
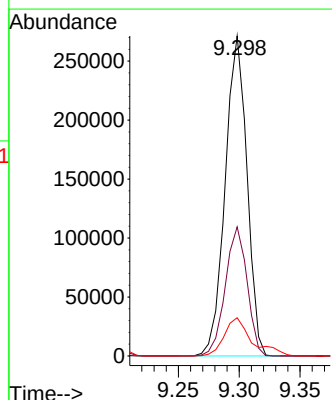
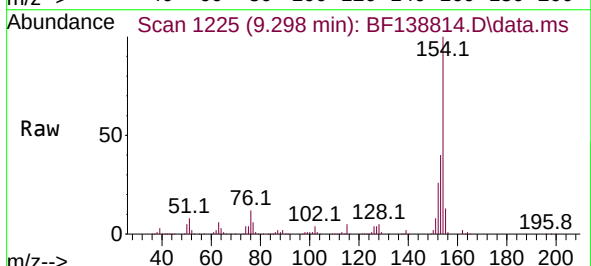
Tgt Ion:154 Resp: 337654

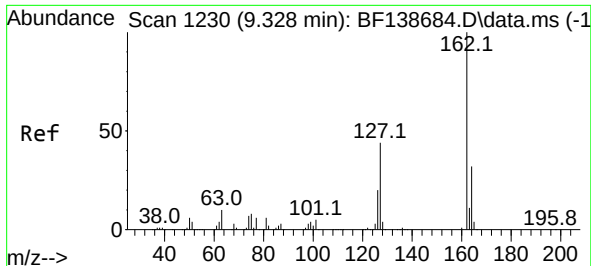
Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 11.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 55.180 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

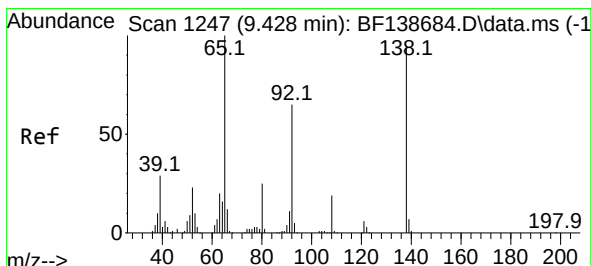
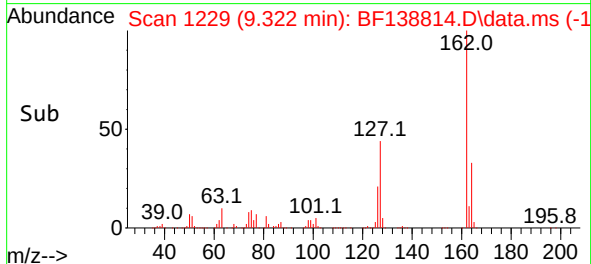
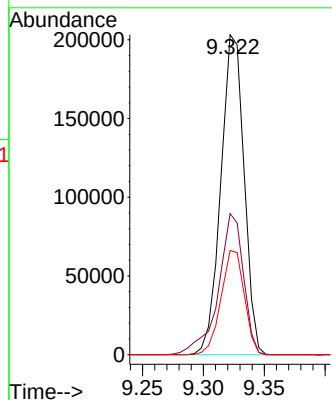
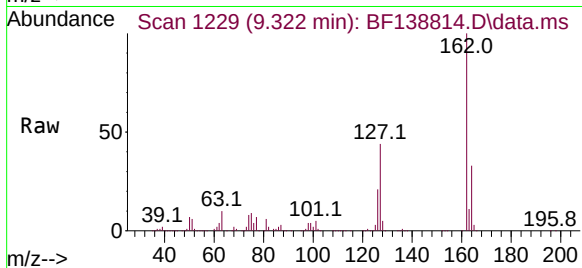
Tgt Ion:162 Resp: 270337

Ion Ratio Lower Upper

162 100

127 44.1 35.4 53.2

164 32.5 25.6 38.4



#48

2-Nitroaniline

Concen: 55.333 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

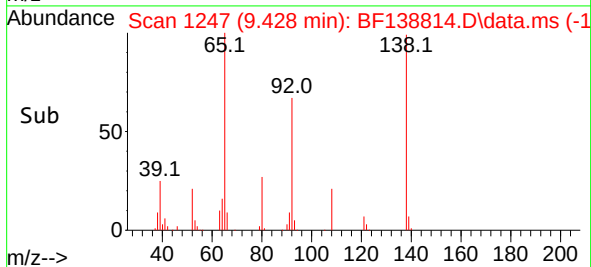
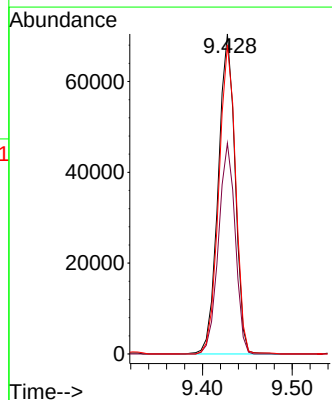
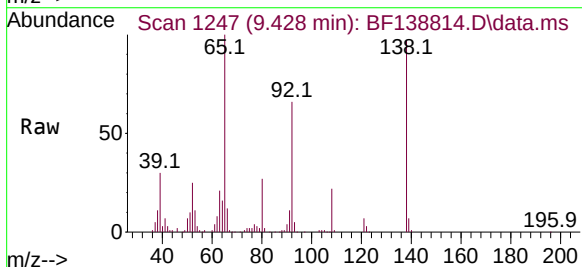
Tgt Ion: 65 Resp: 91902

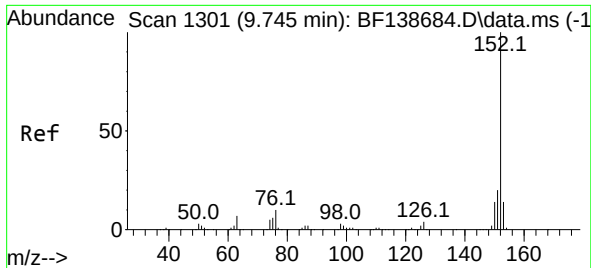
Ion Ratio Lower Upper

65 100

92 65.9 52.0 78.0

138 96.6 76.2 114.4





#49

Acenaphthylene

Concen: 60.968 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

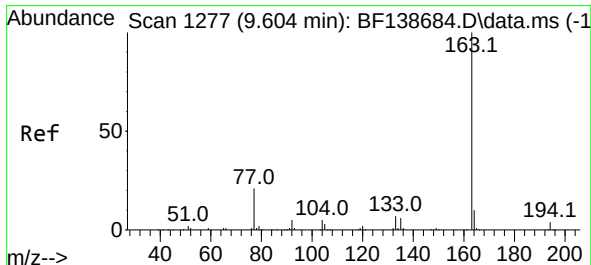
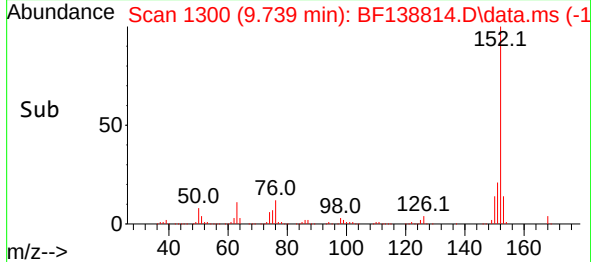
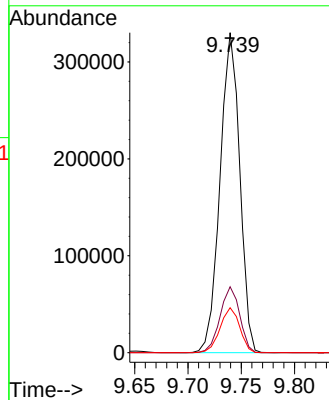
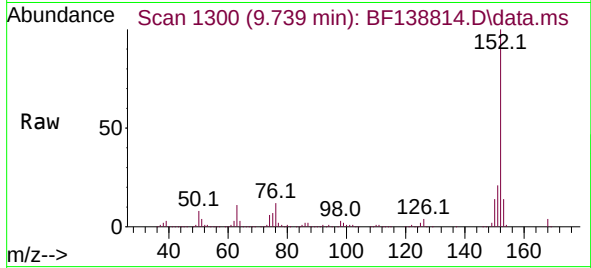
Tgt Ion:152 Resp: 423636

Ion Ratio Lower Upper

152 100

151 20.6 16.0 24.0

153 14.0 11.0 16.4



#50

Dimethylphthalate

Concen: 61.021 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

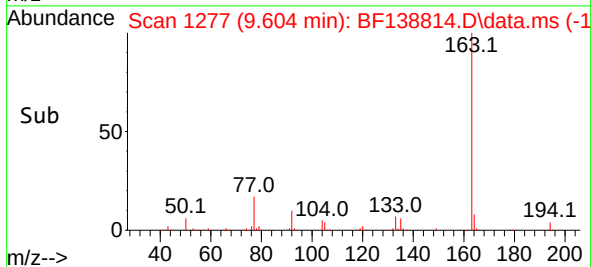
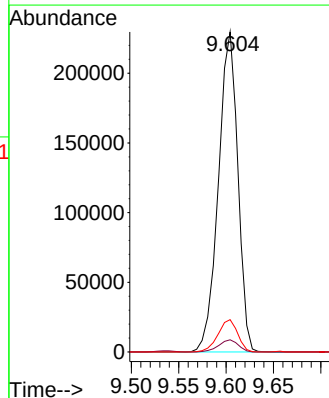
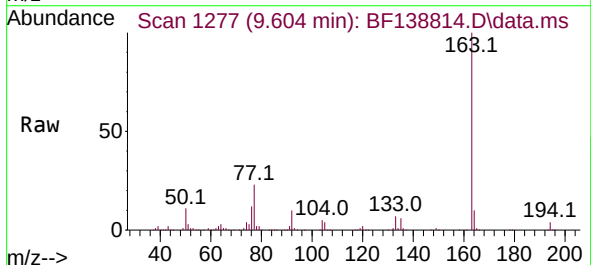
Tgt Ion:163 Resp: 328175

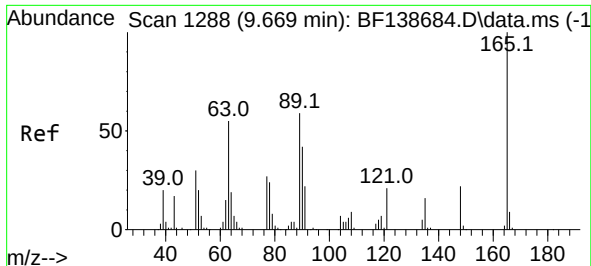
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.1 7.8 11.8

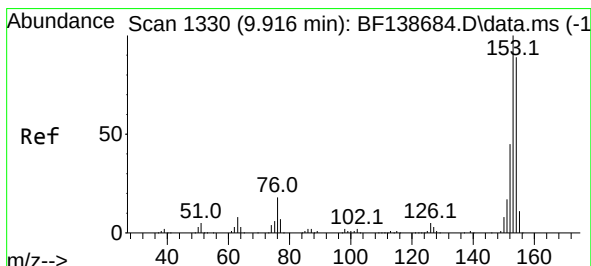
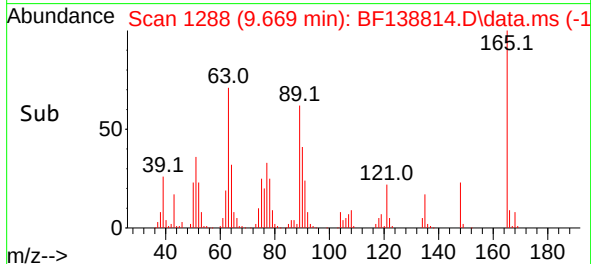
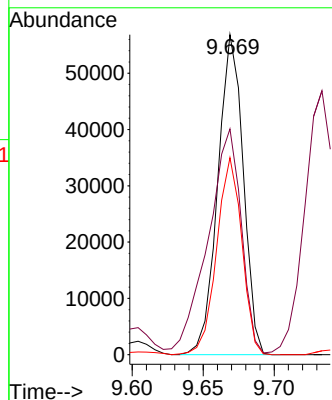
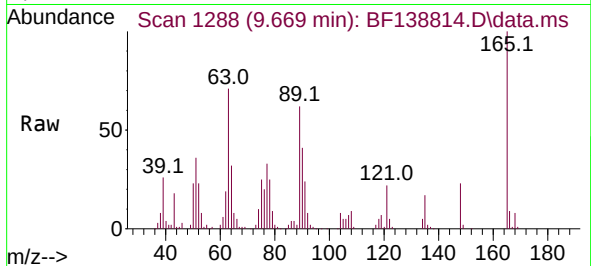




#51
2,6-Dinitrotoluene
Concen: 58.237 ng
RT: 9.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

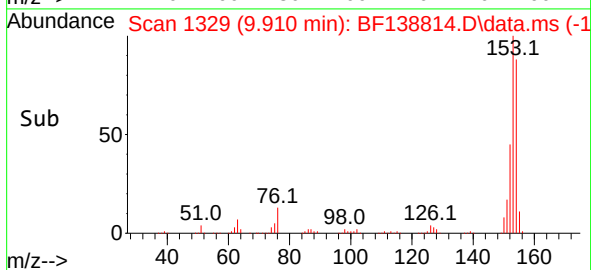
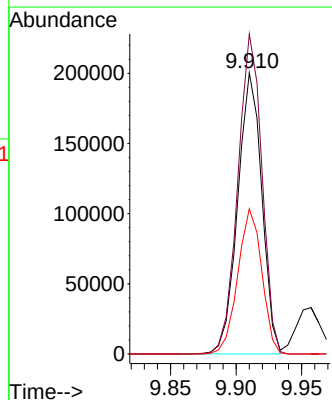
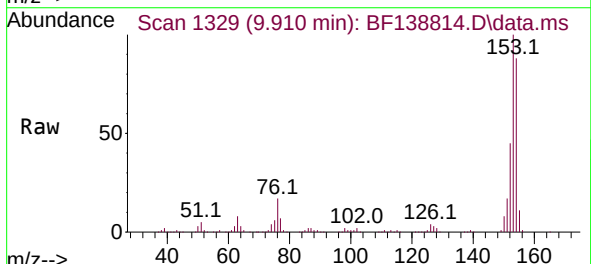
Instrument :
BNA_F
ClientSampleId :
TP1MS

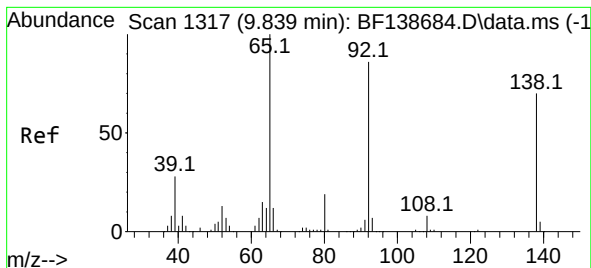
Tgt Ion:165 Resp: 70684
Ion Ratio Lower Upper
165 100
63 70.5 52.0 78.0
89 61.6 47.0 70.6



#52
Acenaphthene
Concen: 54.786 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:154 Resp: 255900
Ion Ratio Lower Upper
154 100
153 113.8 89.9 134.9
152 51.6 40.6 60.8





#53

3-Nitroaniline

Concen: 13.428 ng

RT: 9.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

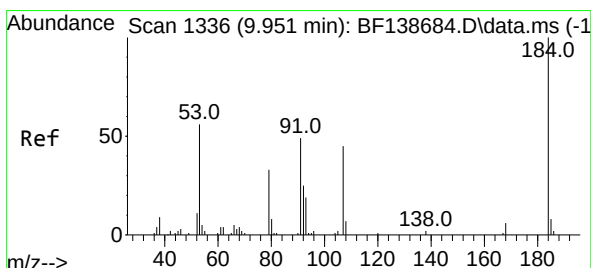
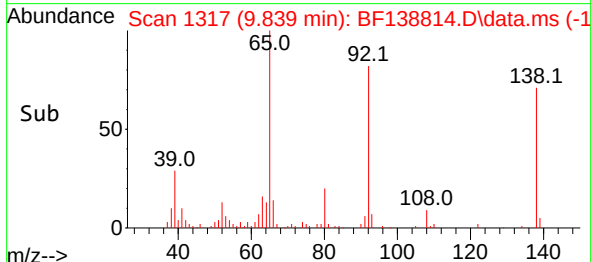
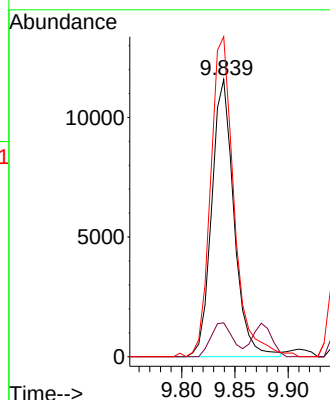
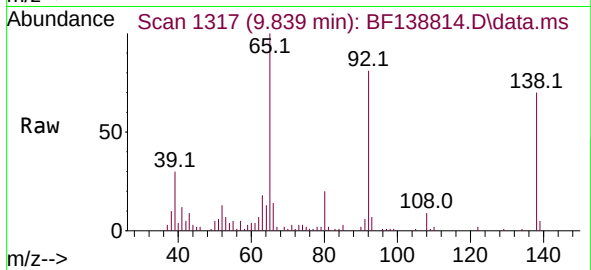
Tgt Ion:138 Resp: 16848

Ion Ratio Lower Upper

138 100

108 12.2 9.1 13.7

92 115.5 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 115.994 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

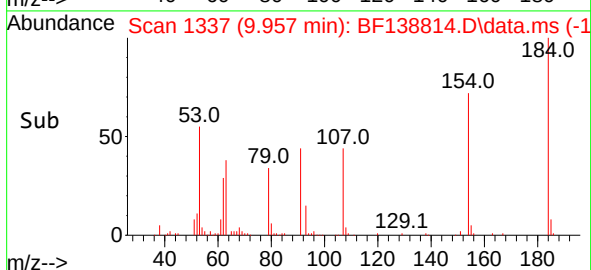
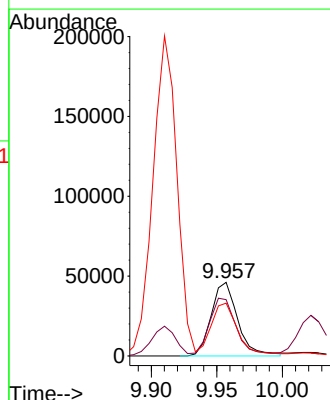
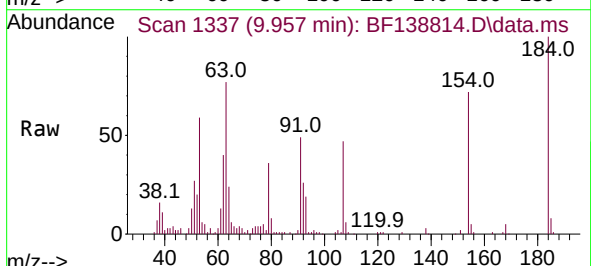
Tgt Ion:184 Resp: 64808

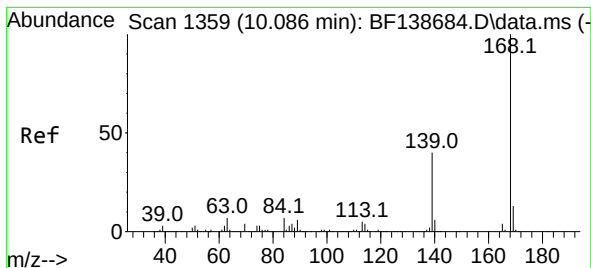
Ion Ratio Lower Upper

184 100

63 76.7 57.5 86.3

154 71.7 51.7 77.5





#55

Dibenzenofuran

Concen: 58.534 ng

RT: 10.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

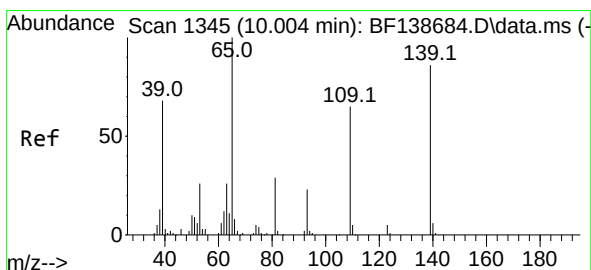
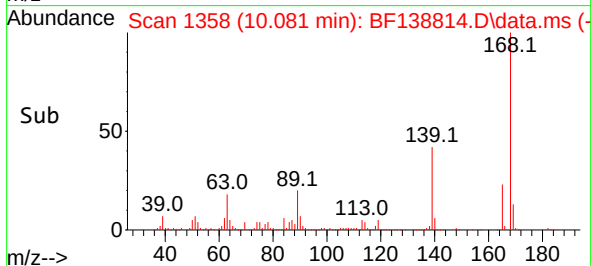
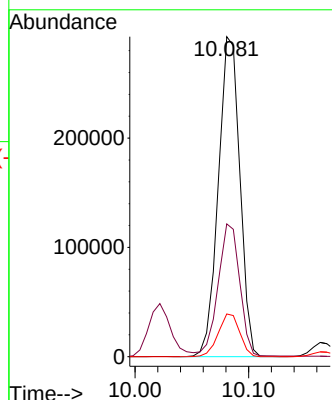
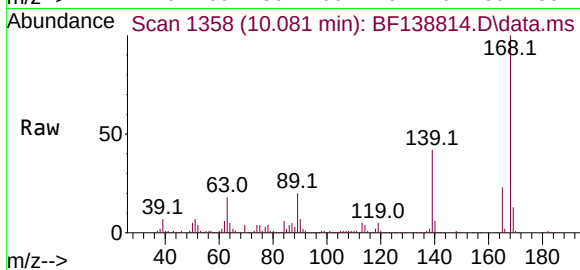
Tgt Ion:168 Resp: 385940

Ion Ratio Lower Upper

168 100

139 41.5 32.6 49.0

169 13.3 10.7 16.1



#56

4-Nitrophenol

Concen: 88.209 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.018 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

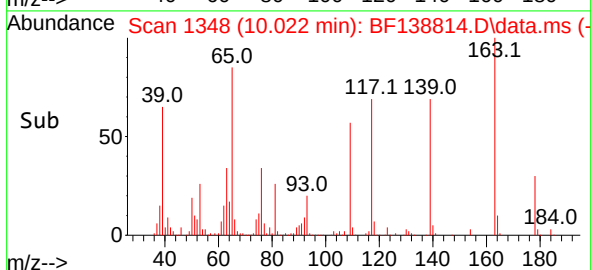
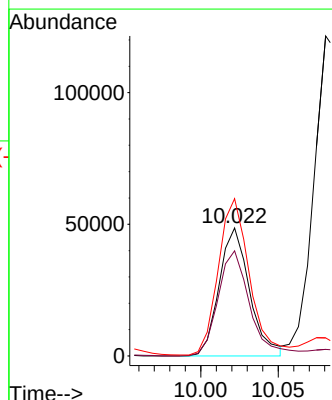
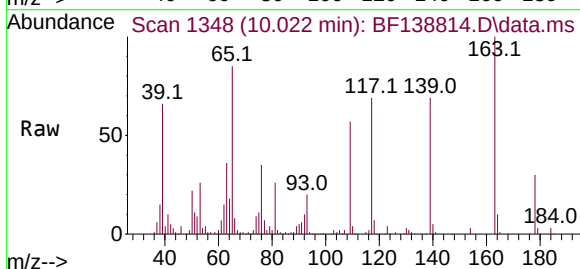
Tgt Ion:139 Resp: 66556

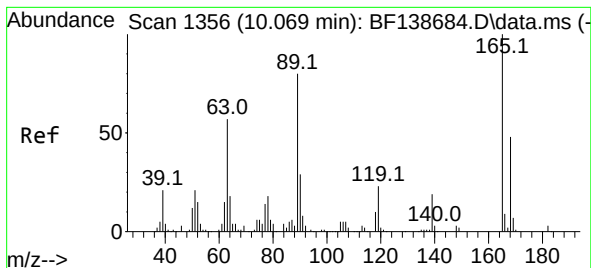
Ion Ratio Lower Upper

139 100

109 82.1 55.5 95.5

65 122.8 96.7 136.7

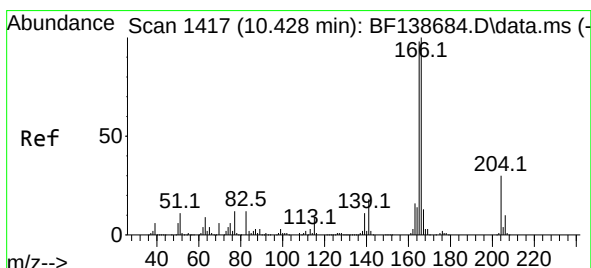
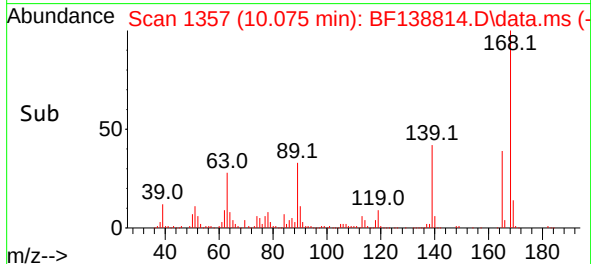
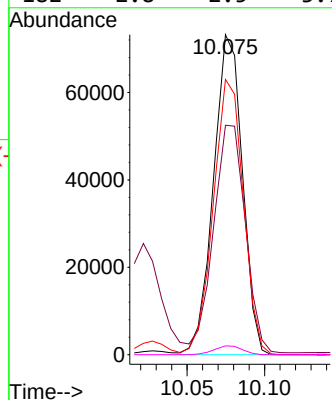
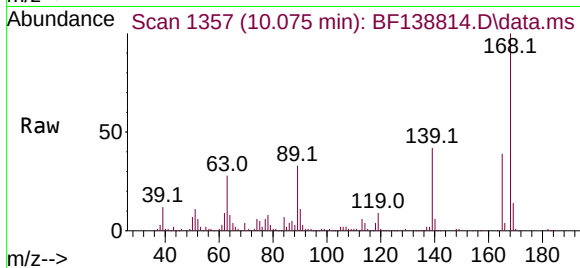




#57
2,4-Dinitrotoluene
Concen: 61.312 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

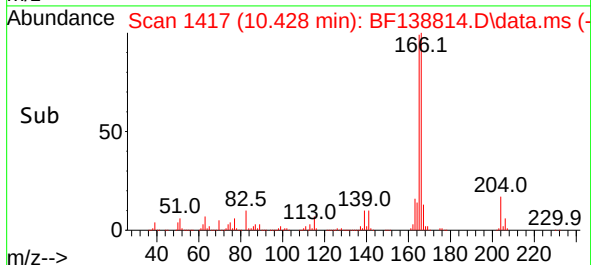
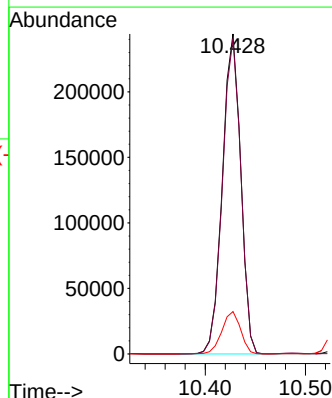
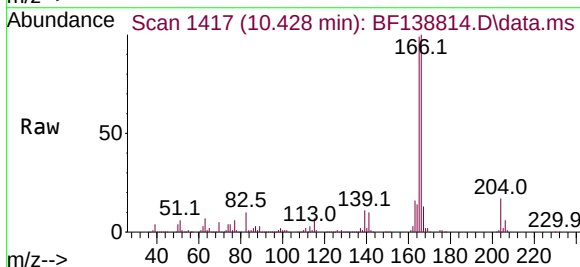
Instrument :
BNA_F
ClientSampleId :
TP1MS

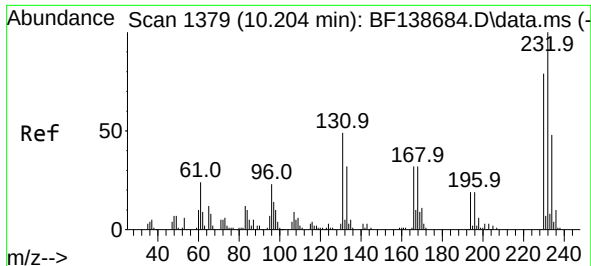
Tgt Ion:165 Resp: 94943
Ion Ratio Lower Upper
165 100
63 71.7 46.3 69.5#
89 86.0 64.2 96.4
182 2.8 2.5 3.7



#58
Fluorene
Concen: 59.106 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:166 Resp: 310340
Ion Ratio Lower Upper
166 100
165 98.5 78.4 117.6
167 13.2 10.6 16.0

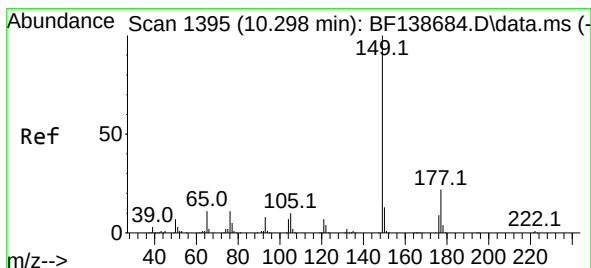
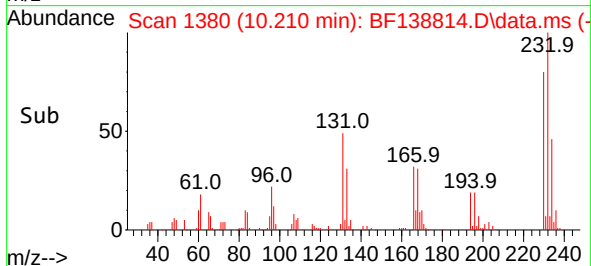
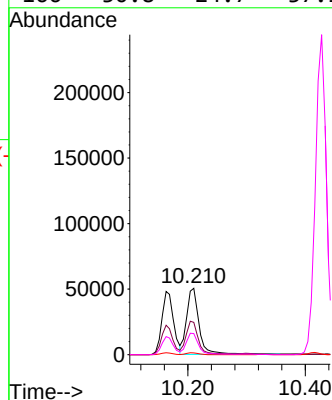
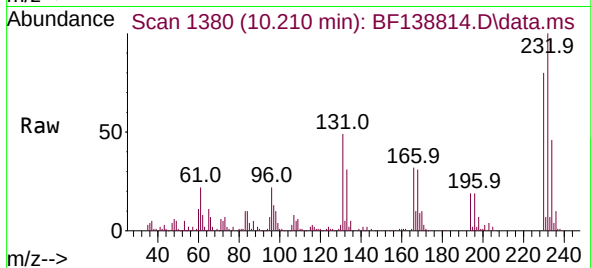




#59
2,3,4,6-Tetrachlorophenol
Concen: 62.229 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

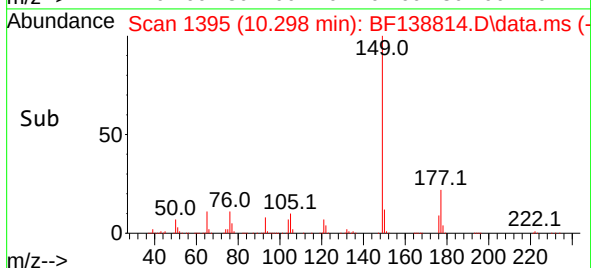
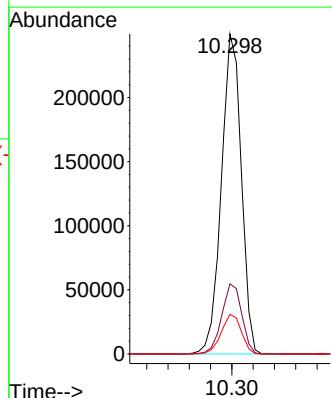
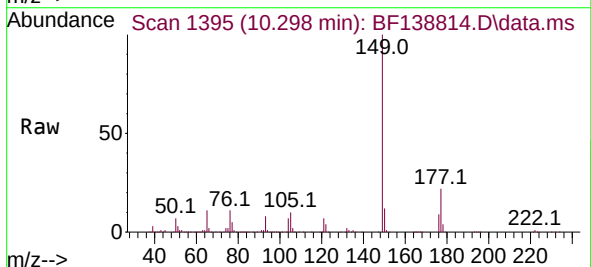
Instrument :
BNA_F
ClientSampleId :
TP1MS

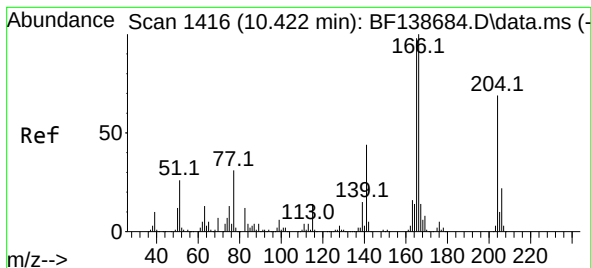
Tgt Ion:232 Resp: 74091
Ion Ratio Lower Upper
232 100
131 49.8 37.0 55.4
130 2.8 2.0 3.0
166 30.8 24.7 37.1



#60
Diethylphthalate
Concen: 63.377 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:149 Resp: 323179
Ion Ratio Lower Upper
149 100
177 21.9 17.8 26.8
150 12.4 10.1 15.1

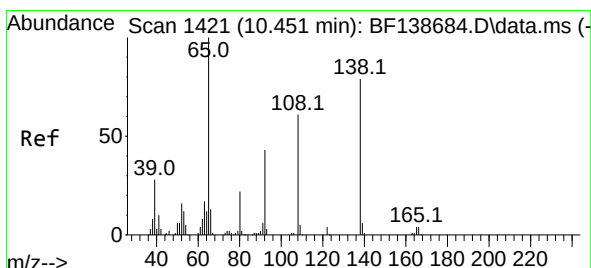
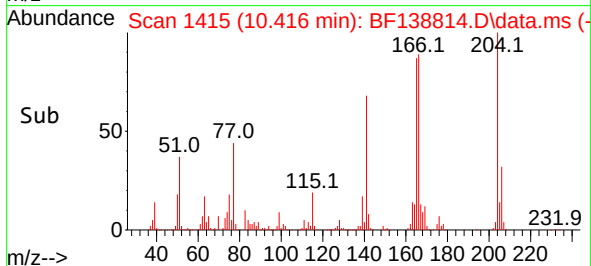
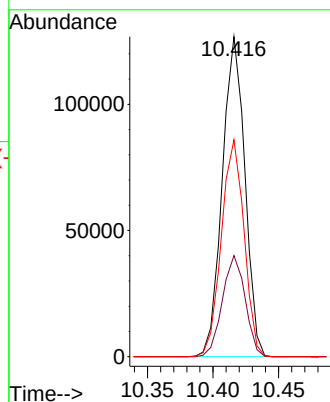
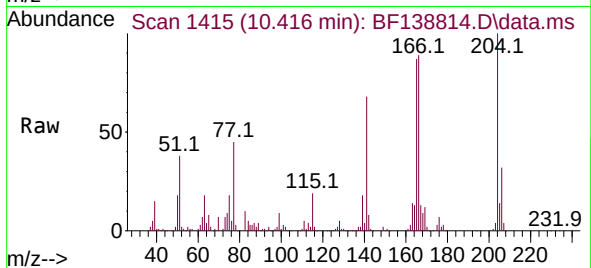




#61
4-Chlorophenyl-phenylether
Concen: 58.734 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

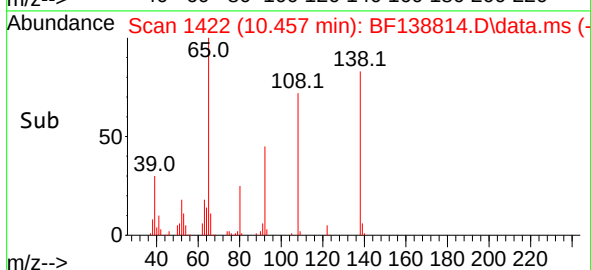
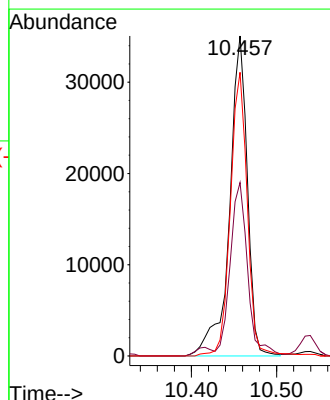
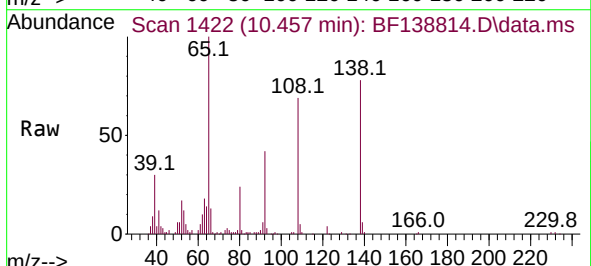
Instrument :
BNA_F
ClientSampleId :
TP1MS

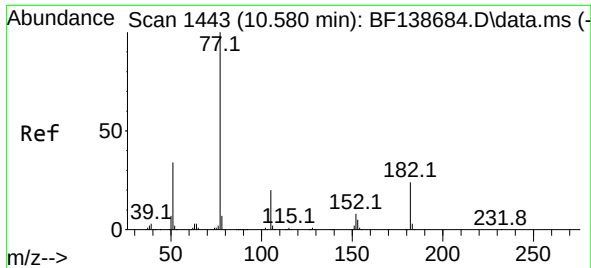
Tgt Ion:204 Resp: 151673
Ion Ratio Lower Upper
204 100
206 31.6 26.1 39.1
141 67.8 51.4 77.0



#62
4-Nitroaniline
Concen: 42.830 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:138 Resp: 51070
Ion Ratio Lower Upper
138 100
92 54.2 34.2 74.2
108 88.6 56.2 96.2

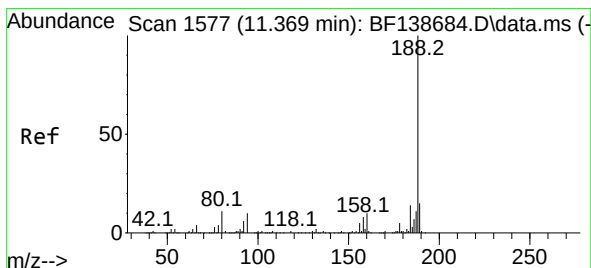
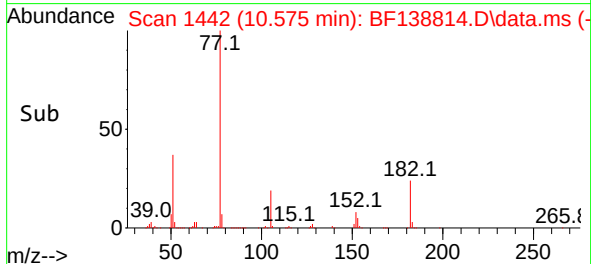
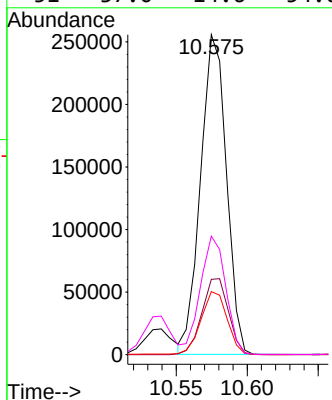
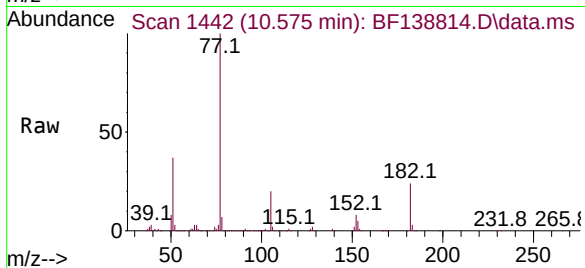




#63
Azobenzene
Concen: 57.310 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

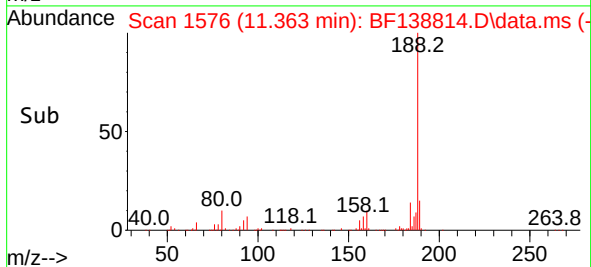
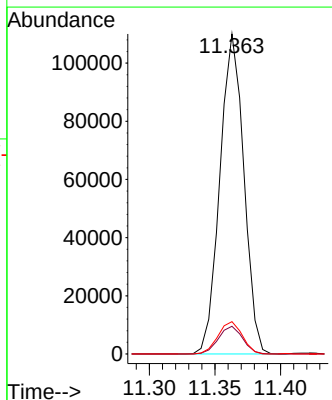
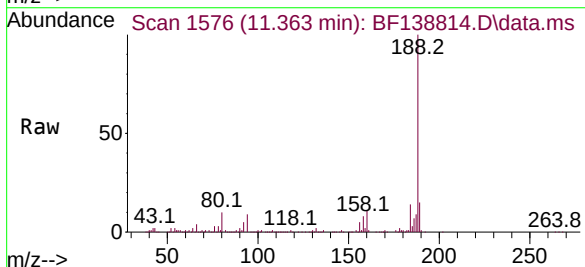
Instrument :
BNA_F
ClientSampleId :
TP1MS

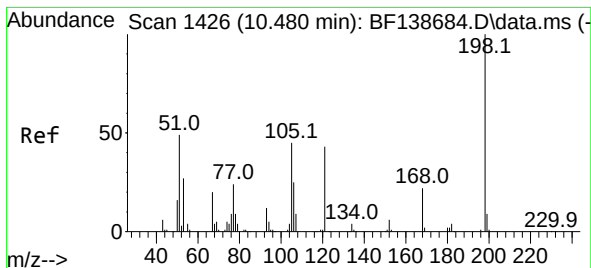
Tgt Ion: 77	Resp: 324127
Ion Ratio	Lower Upper
77 100	
182 23.5	3.4 43.4
105 19.7	0.2 40.2
51 37.0	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:188	Resp: 139749
Ion Ratio	Lower Upper
188 100	
94 8.7	7.6 11.4
80 10.1	8.6 12.8

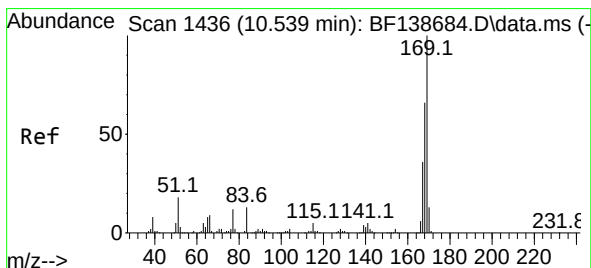
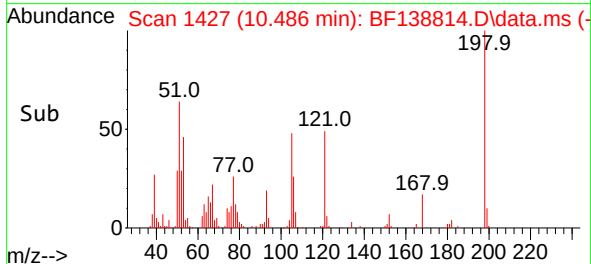
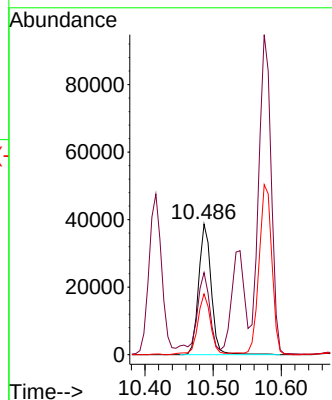
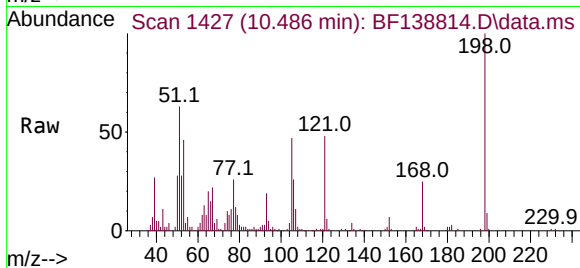




#65
4,6-Dinitro-2-methylphenol
Concen: 58.111 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

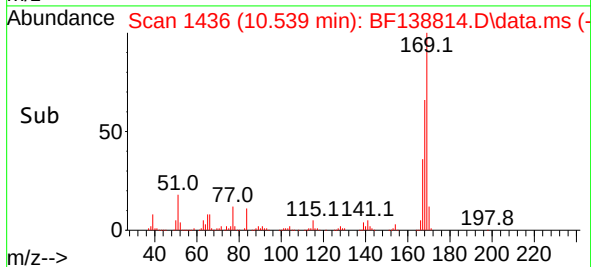
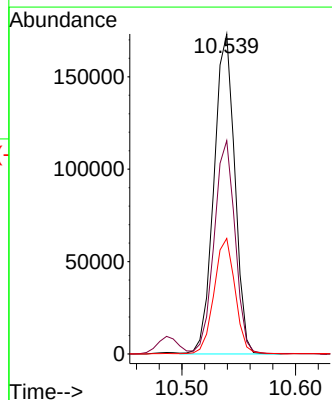
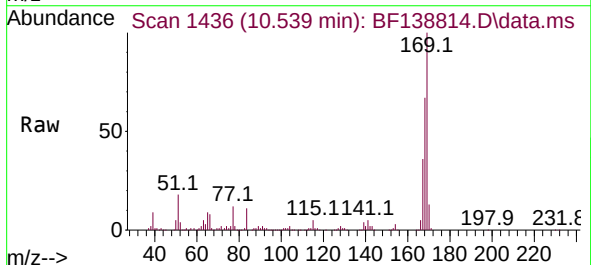
Instrument :
BNA_F
ClientSampleId :
TP1MS

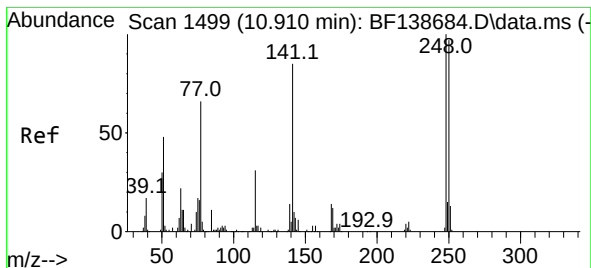
Tgt Ion:198 Resp: 49545
Ion Ratio Lower Upper
198 100
51 62.8 39.9 79.9
105 46.6 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 50.454 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:169 Resp: 220394
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.1 29.0 43.6

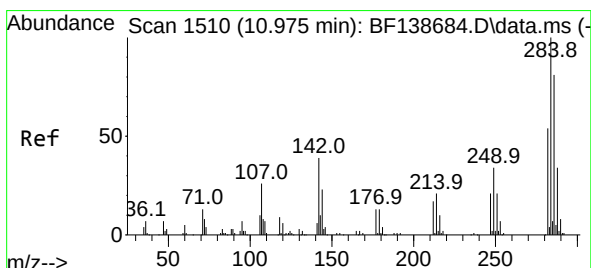
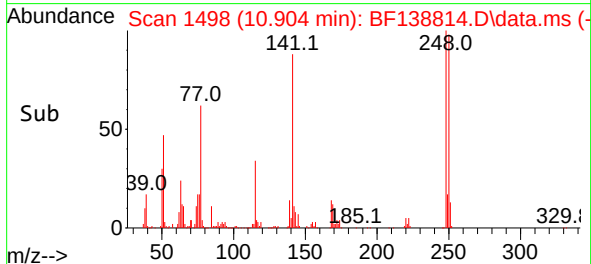
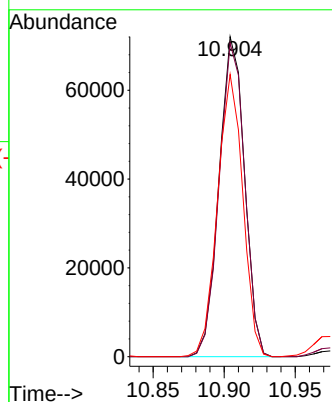
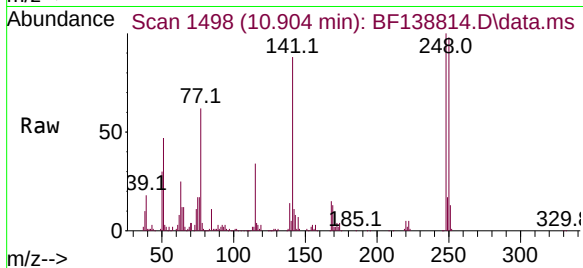




#67
4-Bromophenyl-phenylether
Concen: 59.362 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

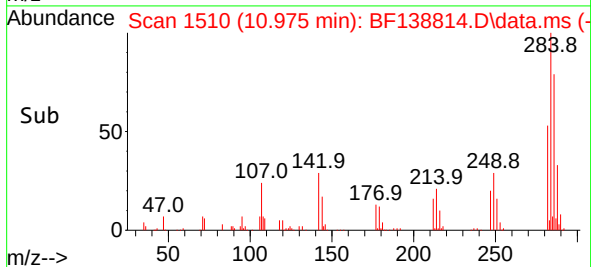
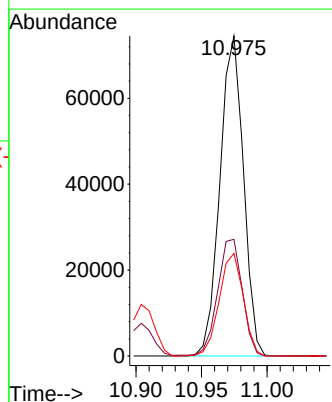
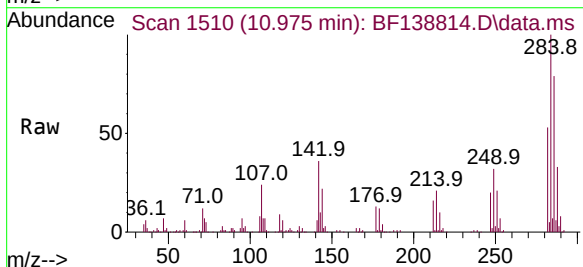
Instrument :
BNA_F
ClientSampleId :
TP1MS

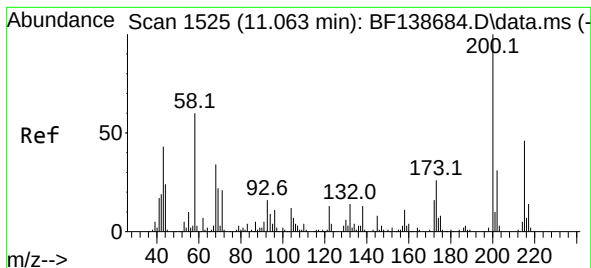
Tgt Ion:248 Resp: 89818
Ion Ratio Lower Upper
248 100
250 98.0 77.7 116.5
141 88.2 68.0 102.0



#68
Hexachlorobenzene
Concen: 59.405 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:284 Resp: 92805
Ion Ratio Lower Upper
284 100
142 36.5 31.3 46.9
249 32.1 27.2 40.8





#69

Atrazine

Concen: 26.980 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

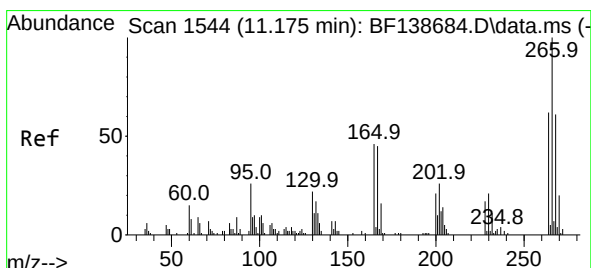
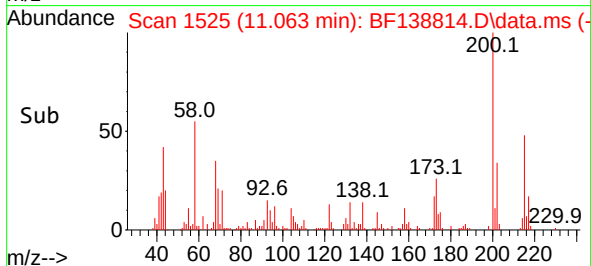
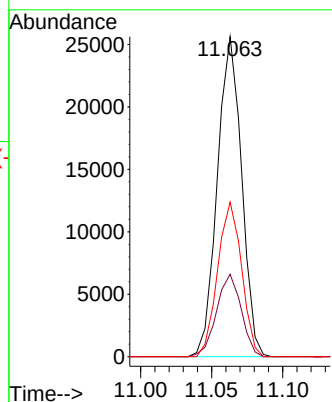
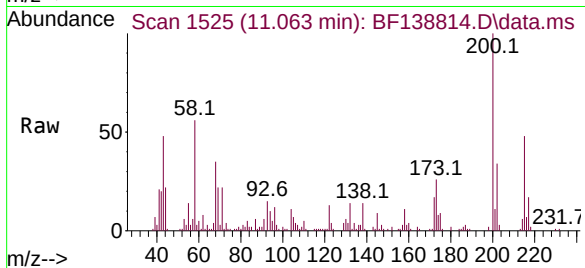
Tgt Ion:200 Resp: 30407

Ion Ratio Lower Upper

200 100

173 25.7 6.0 46.0

215 48.3 26.1 66.1



#70

Pentachlorophenol

Concen: 111.930 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

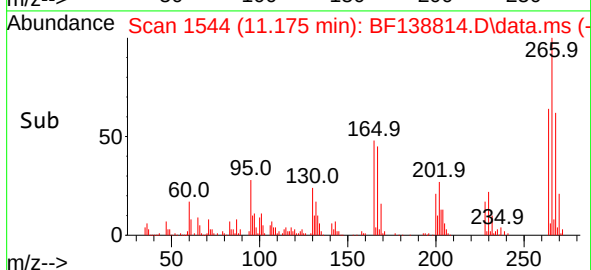
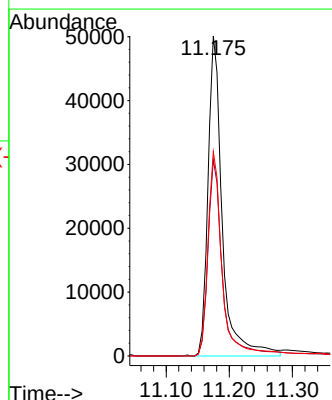
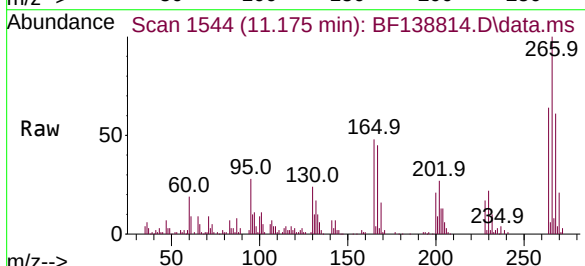
Tgt Ion:266 Resp: 78817

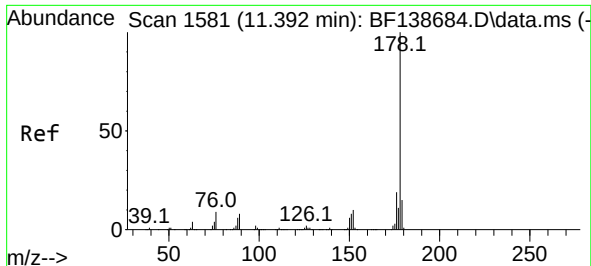
Ion Ratio Lower Upper

266 100

268 61.3 49.2 73.8

264 63.8 49.8 74.6

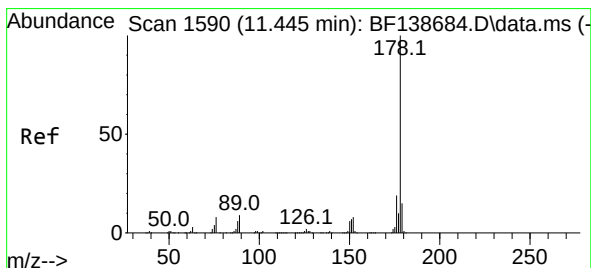
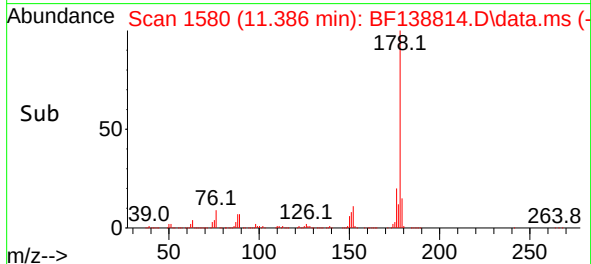
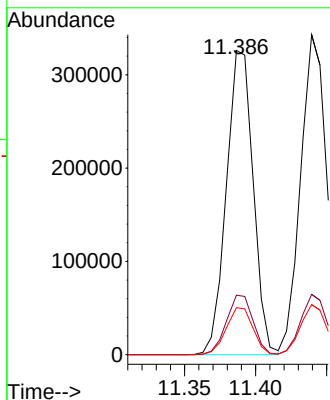
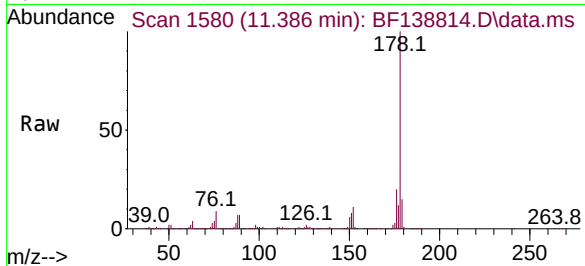




#71
Phenanthrene
Concen: 59.482 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

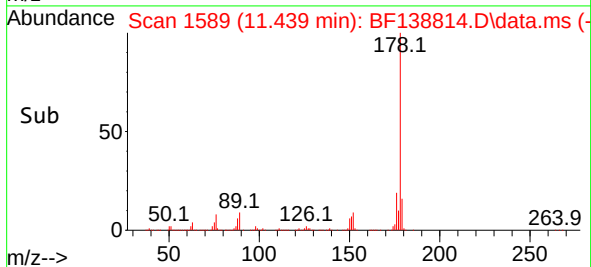
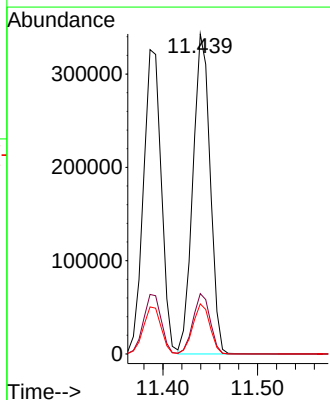
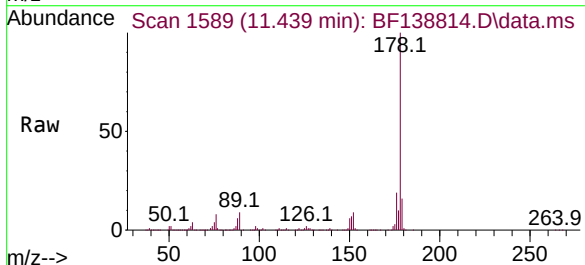
Instrument :
BNA_F
ClientSampleId :
TP1MS

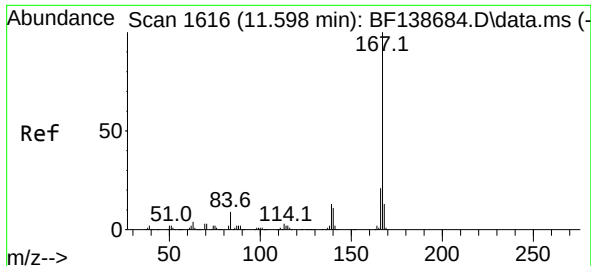
Tgt Ion:178 Resp: 428033
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.5 12.2 18.2



#72
Anthracene
Concen: 61.208 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:178 Resp: 433905
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.6 12.4 18.6

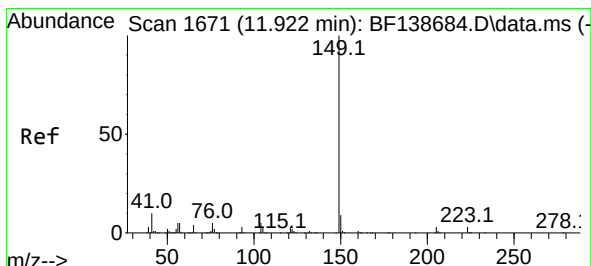
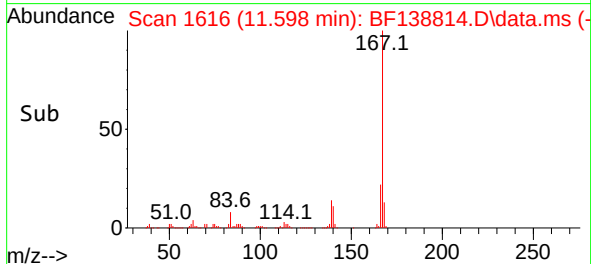
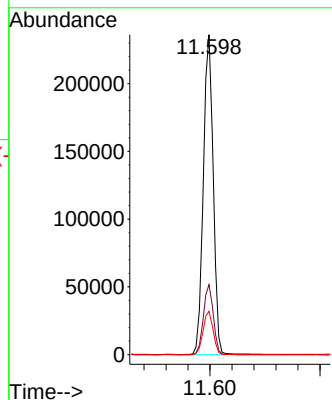
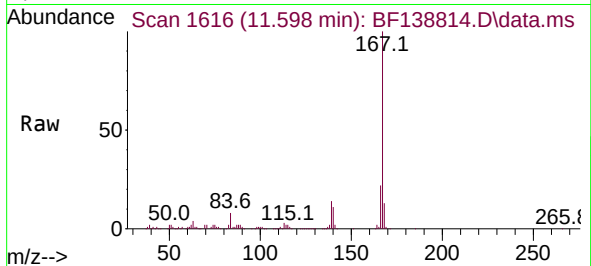




#73
 Carbazole
 Concen: 48.420 ng
 RT: 11.598 min Scan# 1616
 Delta R.T. 0.000 min
 Lab File: BF138814.D
 Acq: 06 Aug 2024 19:05

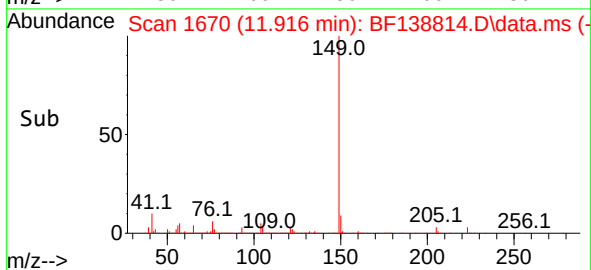
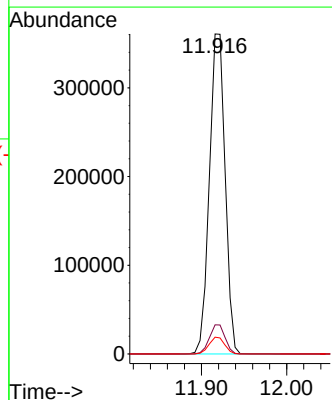
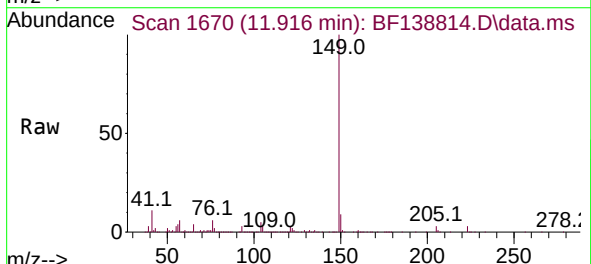
Instrument :
 BNA_F
 ClientSampleId :
 TP1MS

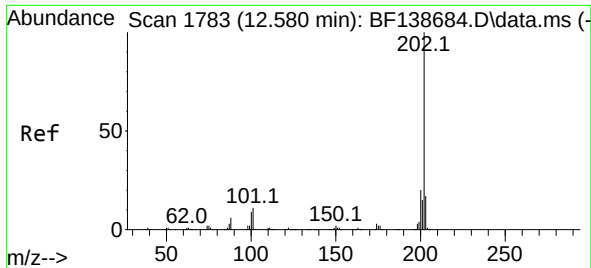
Tgt Ion:167 Resp: 296140
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 13.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 67.381 ng
 RT: 11.916 min Scan# 1670
 Delta R.T. -0.006 min
 Lab File: BF138814.D
 Acq: 06 Aug 2024 19:05

Tgt Ion:149 Resp: 463273
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.3 4.1 6.1

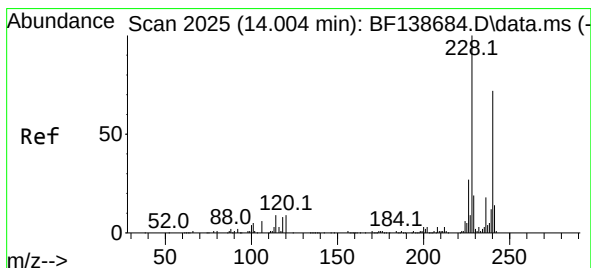
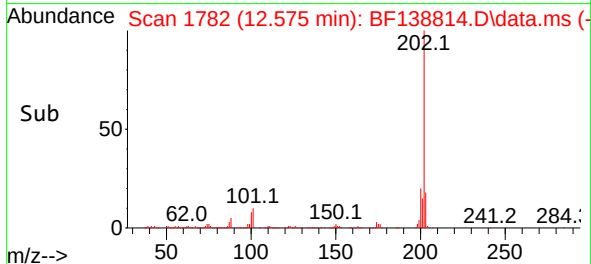
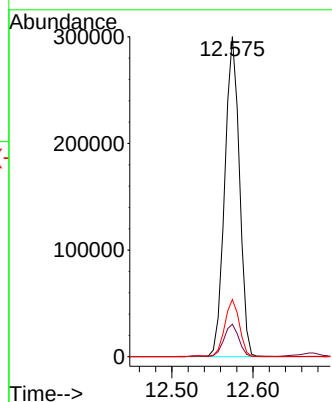
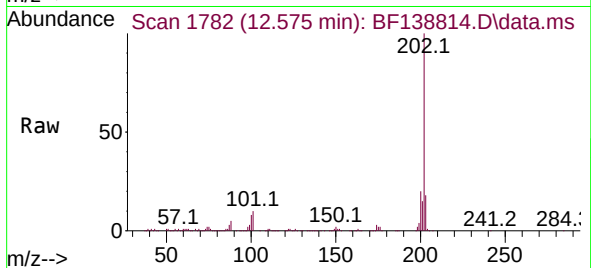




#75
Fluoranthene
Concen: 56.467 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

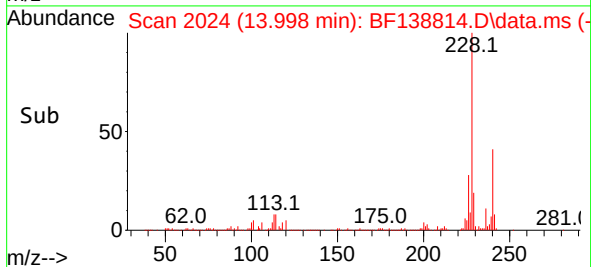
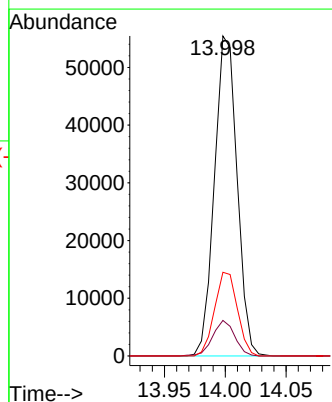
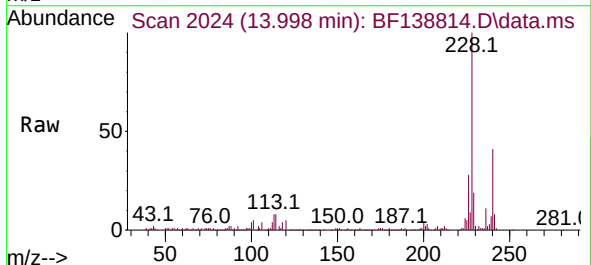
Instrument :
BNA_F
ClientSampleId :
TP1MS

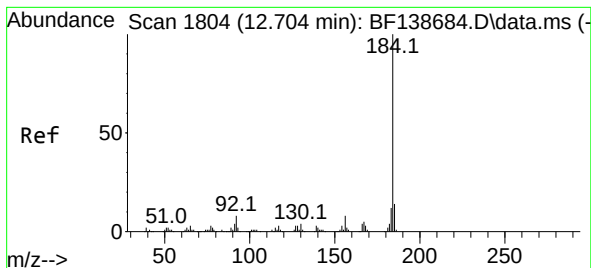
Tgt Ion:202 Resp: 379337
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:240 Resp: 71730
Ion Ratio Lower Upper
240 100
120 11.1 10.2 15.4
236 26.1 19.8 29.8





#77

Benzidine

Concen: 2.715 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

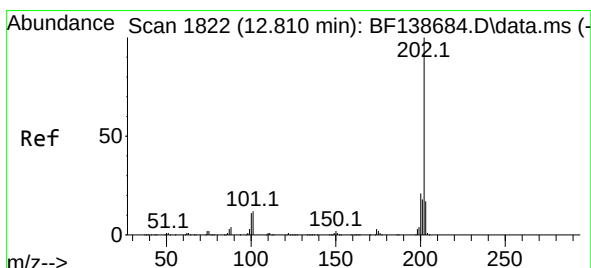
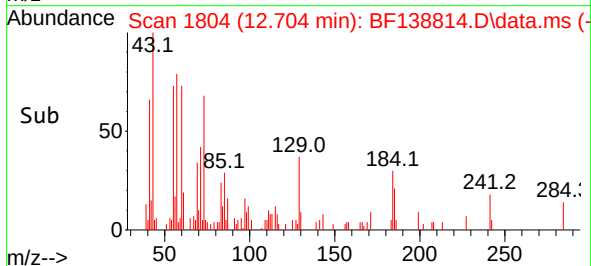
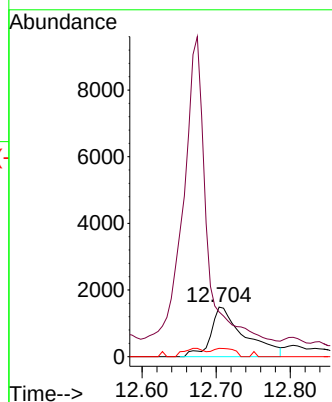
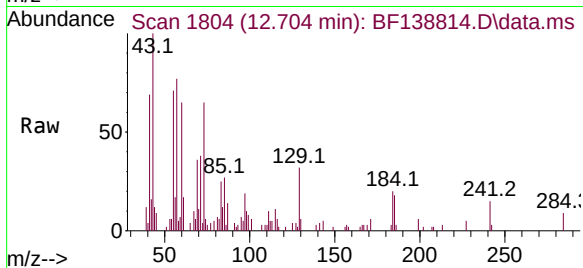
Tgt Ion:184 Resp: 4658

Ion Ratio Lower Upper

184 100

185 90.4 11.1 16.7#

183 16.9 9.6 14.4#



#78

Pyrene

Concen: 54.484 ng

RT: 12.804 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

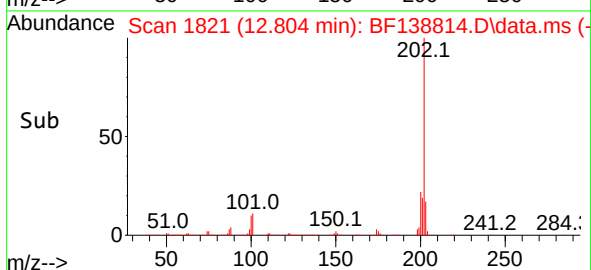
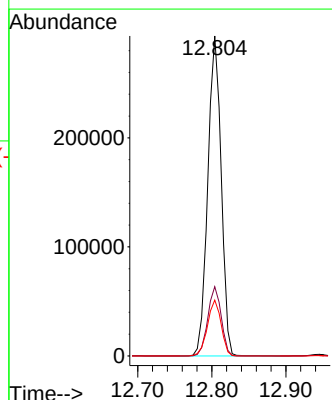
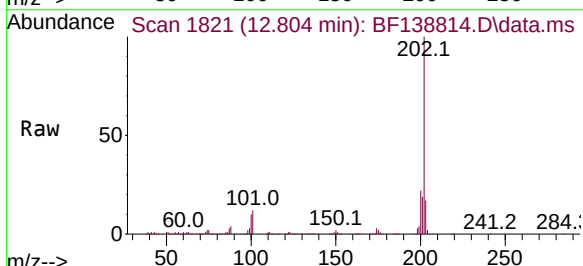
Tgt Ion:202 Resp: 367967

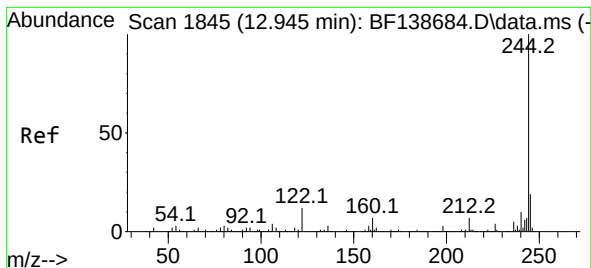
Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 124.643 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

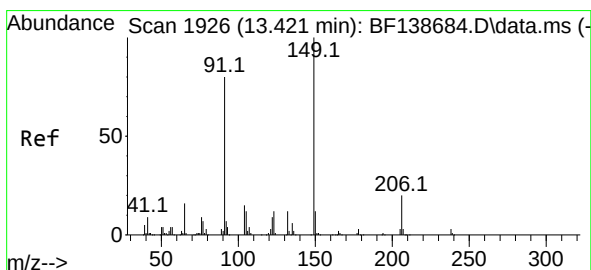
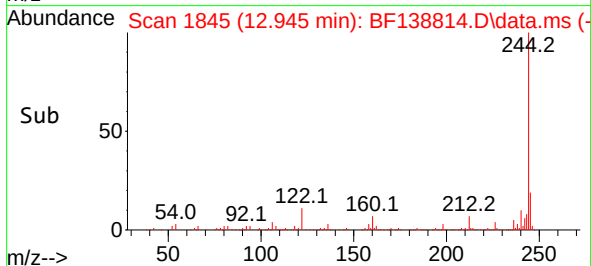
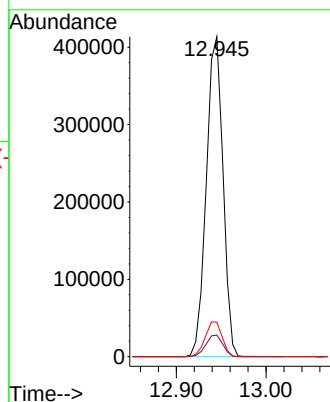
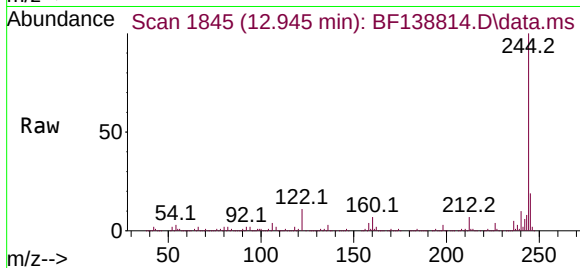
Tgt Ion:244 Resp: 534002

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.7 9.6 14.4



#80

Butylbenzylphthalate

Concen: 63.789 ng

RT: 13.416 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

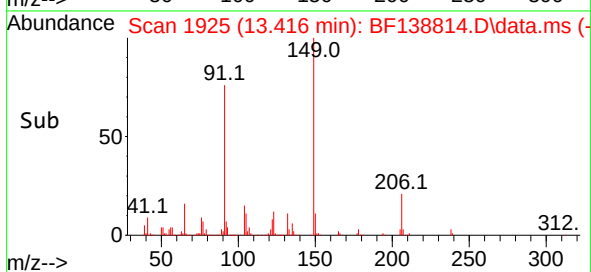
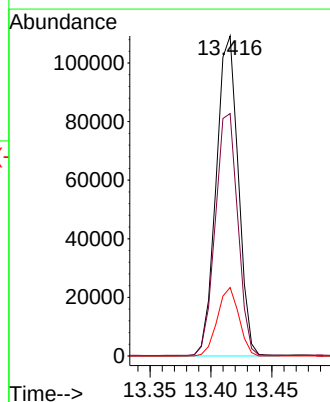
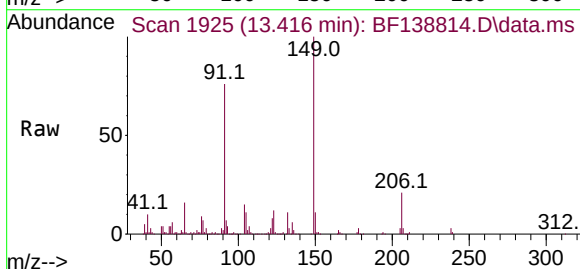
Tgt Ion:149 Resp: 137956

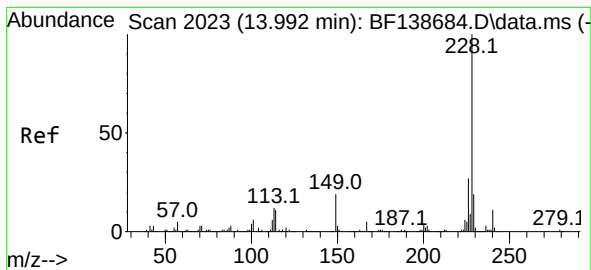
Ion Ratio Lower Upper

149 100

91 75.7 63.7 95.5

206 21.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 59.176 ng

RT: 13.992 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

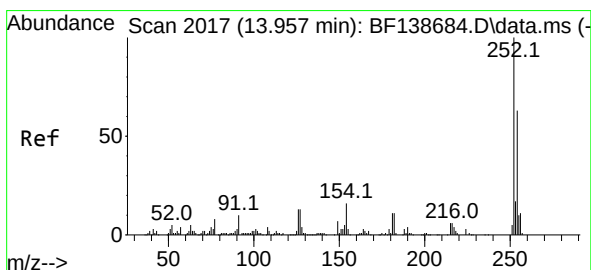
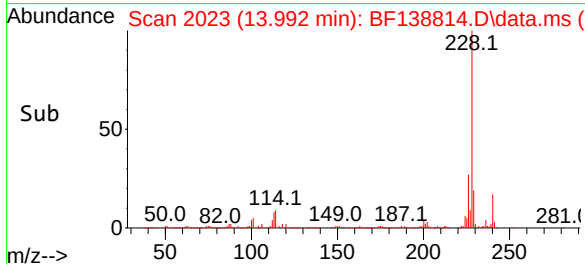
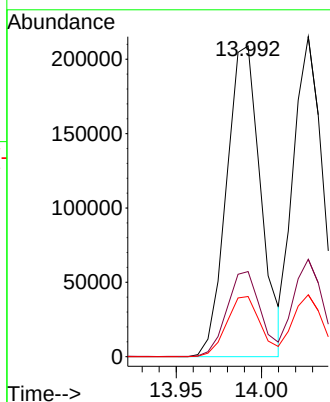
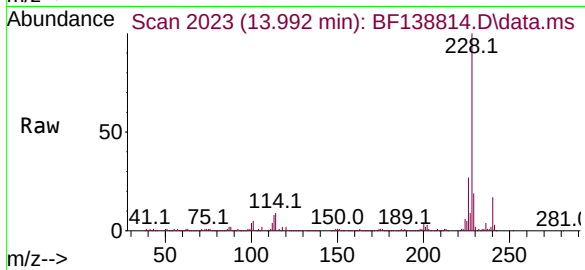
Tgt Ion:228 Resp: 292297

Ion Ratio Lower Upper

228 100

226 27.4 22.1 33.1

229 19.4 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 7.410 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

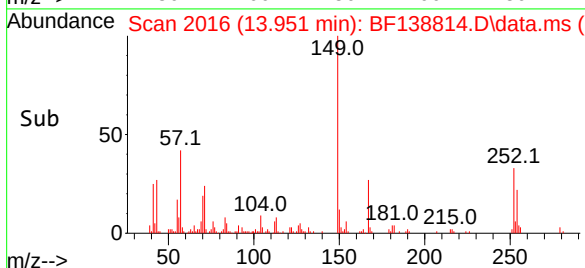
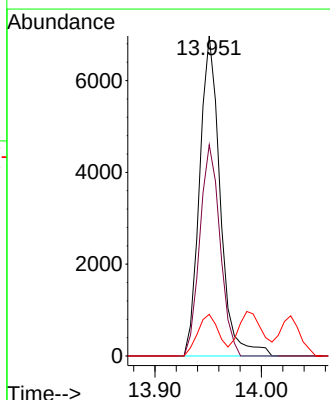
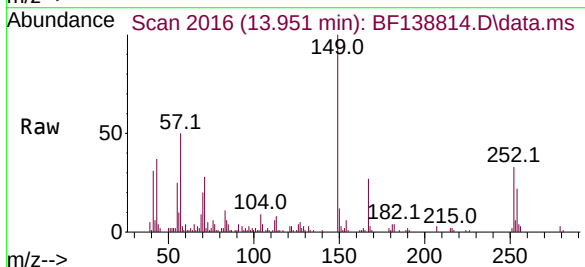
Tgt Ion:252 Resp: 9367

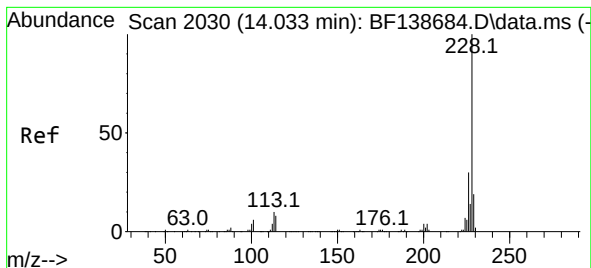
Ion Ratio Lower Upper

252 100

254 66.0 50.8 76.2

126 13.0 10.2 15.2





#83

Chrysene

Concen: 57.571 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

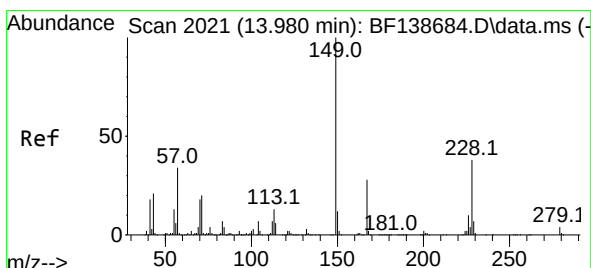
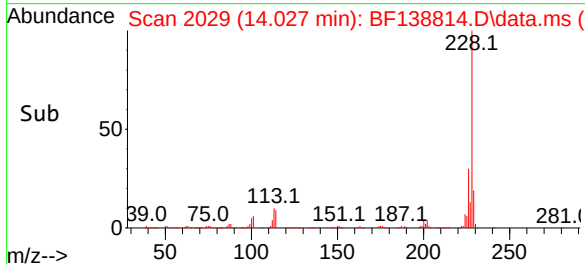
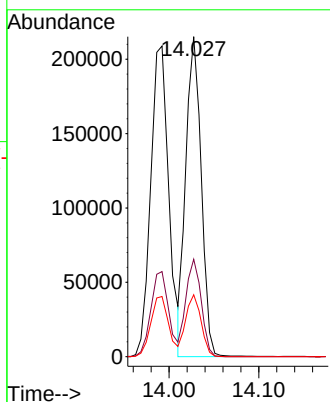
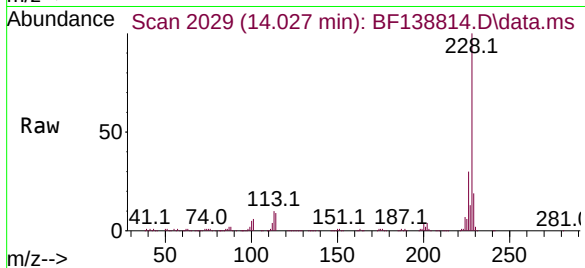
Tgt Ion:228 Resp: 256555

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 19.4 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.823 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

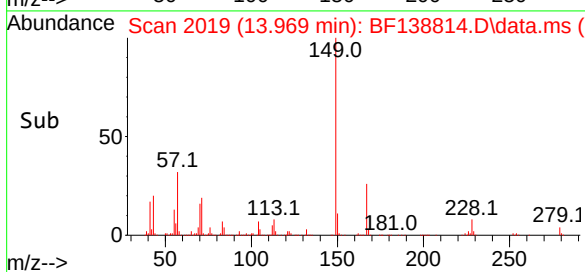
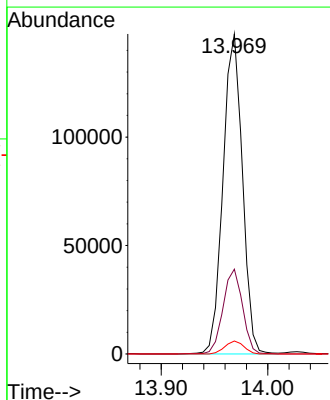
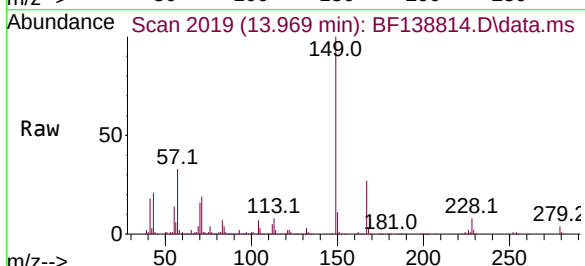
Tgt Ion:149 Resp: 186287

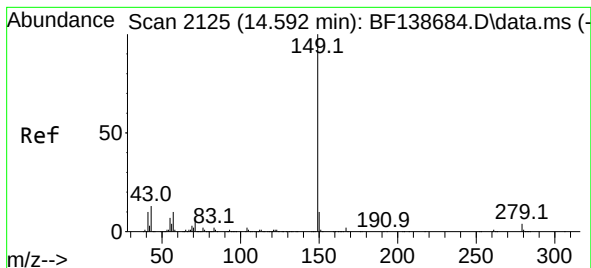
Ion Ratio Lower Upper

149 100

167 26.5 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 54.978 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

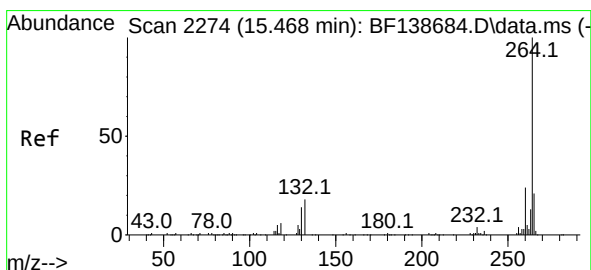
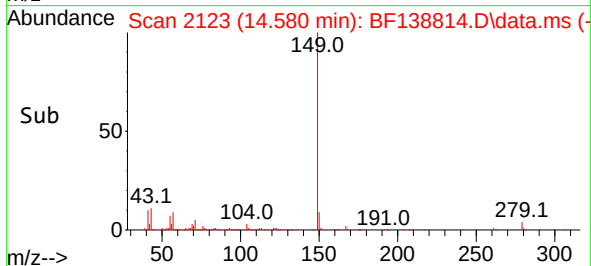
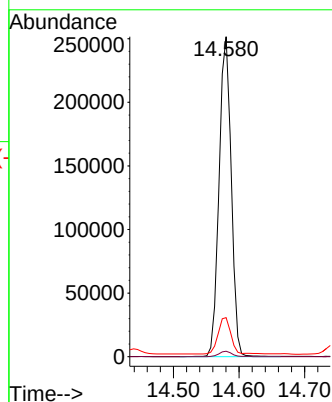
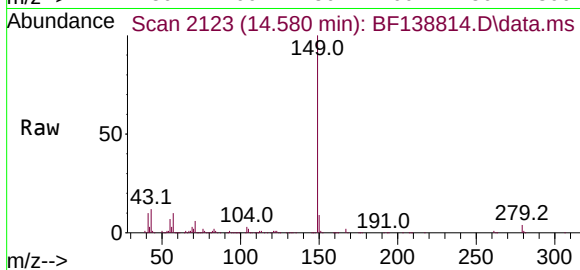
Tgt Ion:149 Resp: 322134

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

43 12.0 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

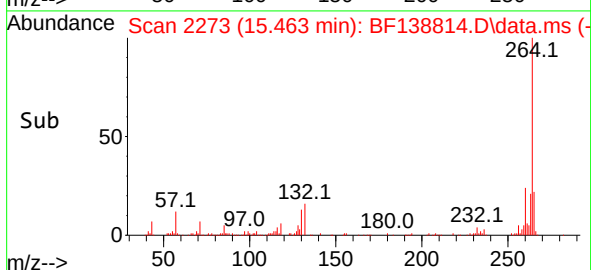
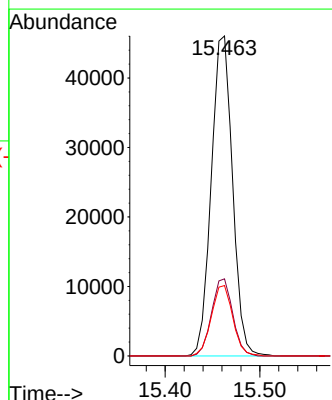
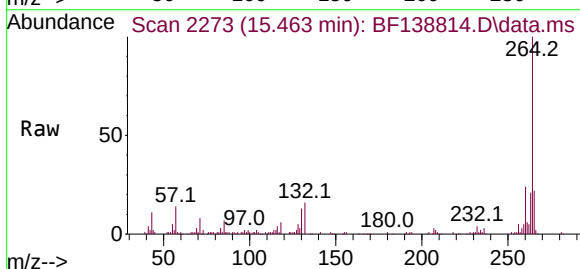
Tgt Ion:264 Resp: 71699

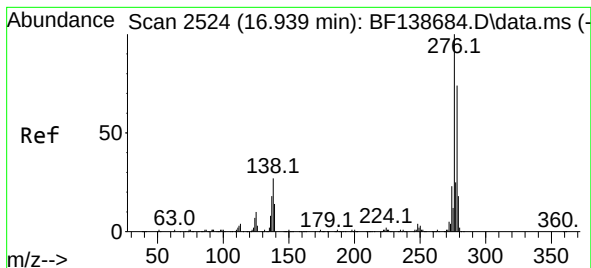
Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.730 ng

RT: 16.939 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

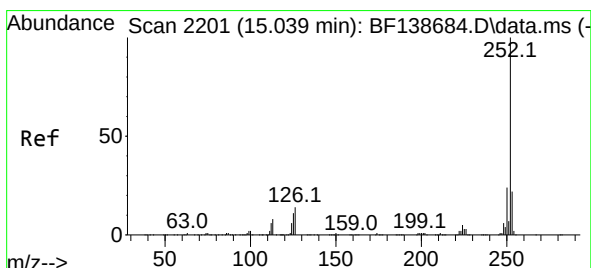
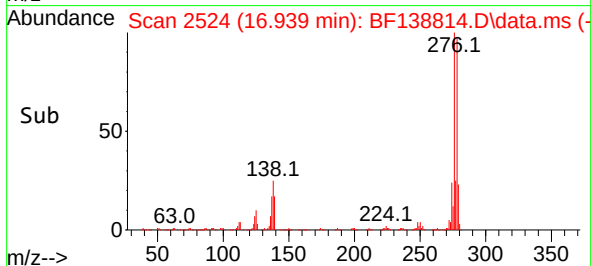
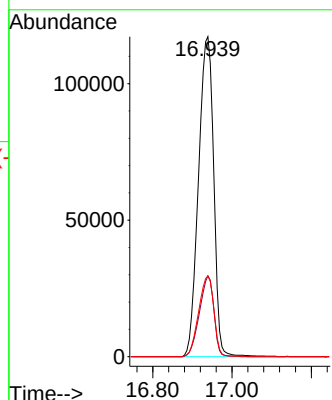
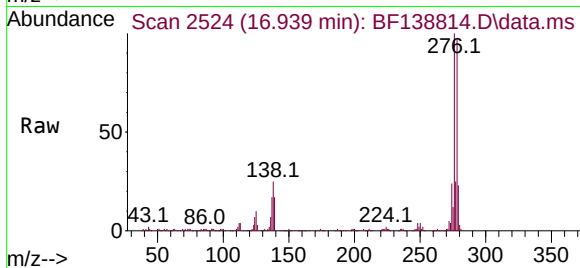
Tgt Ion:276 Resp: 312044

Ion Ratio Lower Upper

276 100

138 24.0 21.8 32.8

277 25.3 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 66.250 ng

RT: 15.033 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

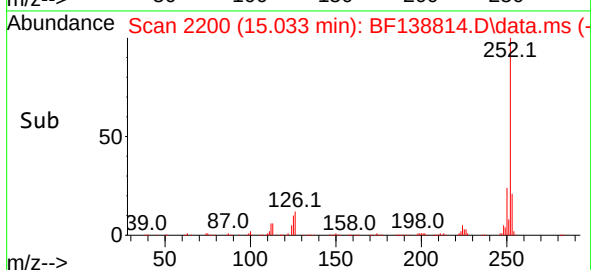
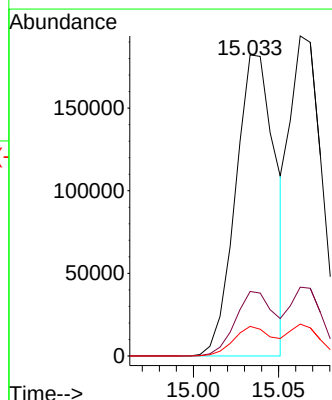
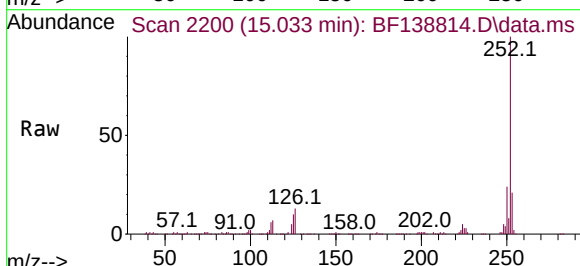
Tgt Ion:252 Resp: 294455

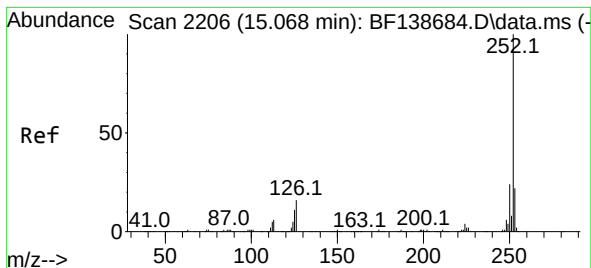
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.8 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 65.801 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

Instrument :

BNA_F

ClientSampleId :

TP1MS

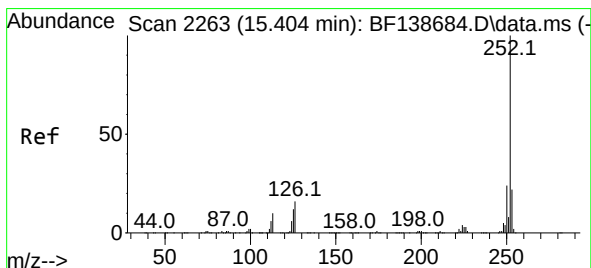
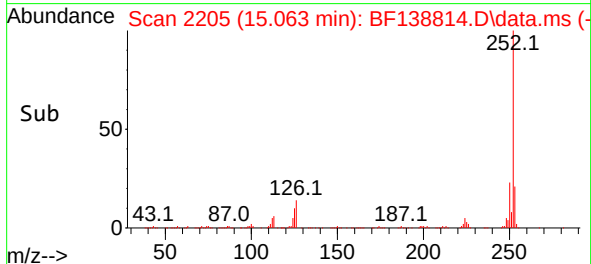
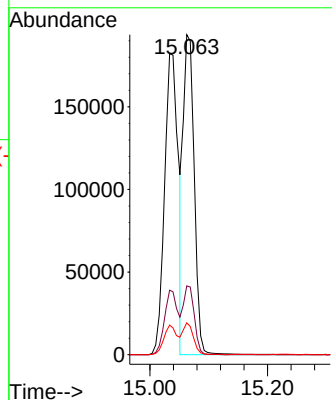
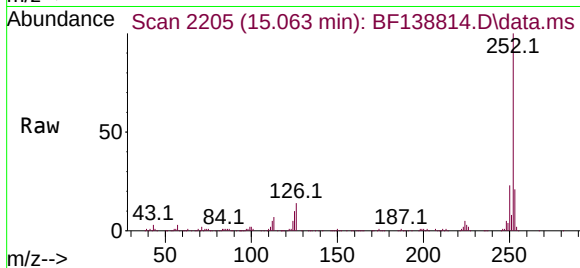
Tgt Ion:252 Resp: 253219

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 10.0 8.6 13.0



#90

Benzo(a)pyrene

Concen: 67.046 ng

RT: 15.398 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF138814.D

Acq: 06 Aug 2024 19:05

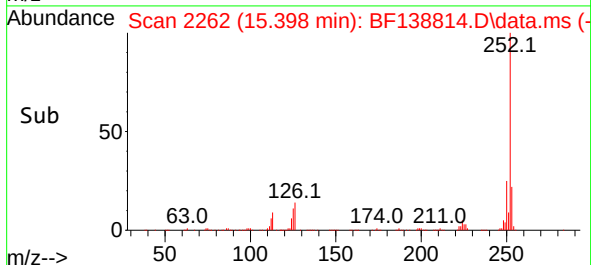
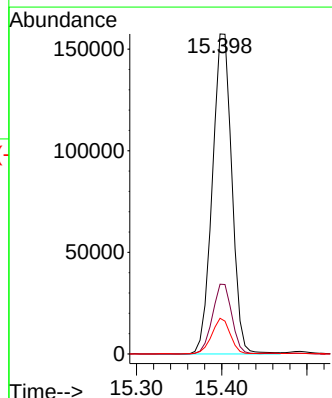
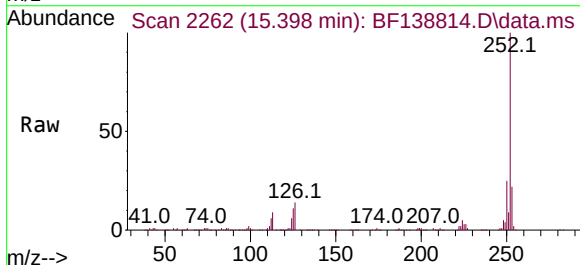
Tgt Ion:252 Resp: 250655

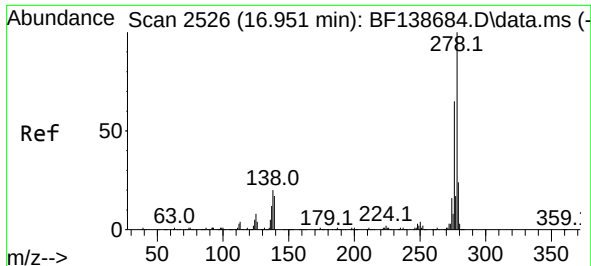
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 11.1 9.5 14.3

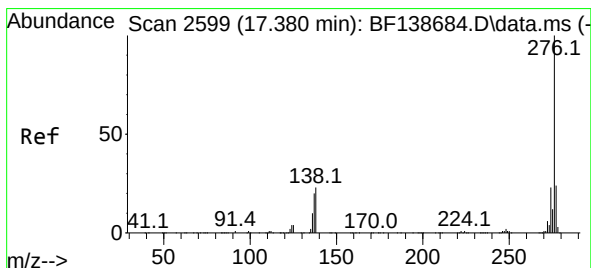
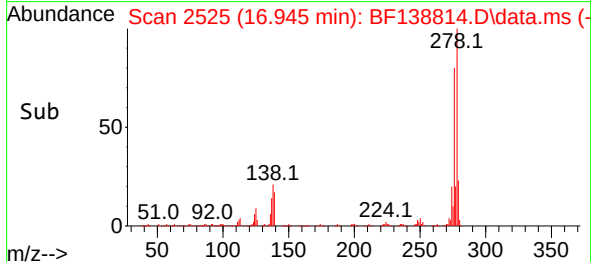
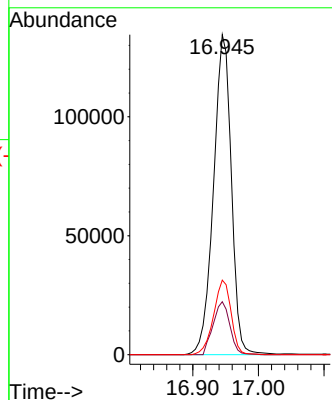
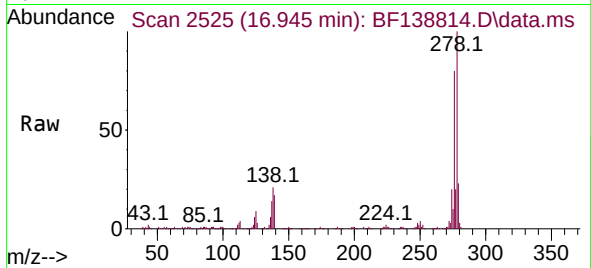




#91
Dibenzo(a,h)anthracene
Concen: 60.193 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Instrument :
BNA_F
ClientSampleId :
TP1MS

Tgt Ion:278 Resp: 253882
Ion Ratio Lower Upper
278 100
139 16.6 14.0 21.0
279 23.3 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 52.551 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.006 min
Lab File: BF138814.D
Acq: 06 Aug 2024 19:05

Tgt Ion:276 Resp: 230007
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 20.2 18.5 27.7

