

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139692.D
 Acq On : 07 Oct 2024 17:59
 Operator : RC/JU
 Sample : P4290-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-4MS

Quant Time: Oct 07 18:28:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90675	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	344947	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	202594	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	387701	20.000	ng	0.00
76) Chrysene-d12	14.033	240	209779	20.000	ng	0.00
86) Perylene-d12	15.498	264	190896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	500766	95.721	ng	0.00
7) Phenol-d6	6.504	99	678023	96.375	ng	0.00
23) Nitrobenzene-d5	7.428	82	445033	65.321	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	190239	97.273	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	856823	64.927	ng	0.00
79) Terphenyl-d14	12.974	244	961754	75.226	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	104820	46.344	ng	99
3) Pyridine	3.463	79	239758	43.586	ng	97
4) n-Nitrosodimethylamine	3.422	42	167715	46.579	ng	96
6) Aniline	6.528	93	259699	41.599	ng	# 83
8) 2-Chlorophenol	6.651	128	271667	48.469	ng	99
9) Benzaldehyde	6.416	77	88574	23.767	ng	98
10) Phenol	6.516	94	360947	48.792	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	268088	44.509	ng	99
12) 1,3-Dichlorobenzene	6.804	146	283427	44.950	ng	99
13) 1,4-Dichlorobenzene	6.881	146	285645	44.729	ng	100
14) 1,2-Dichlorobenzene	7.034	146	272892	45.595	ng	99
15) Benzyl Alcohol	7.010	79	255377	47.509	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	476099	45.659	ng	94
17) 2-Methylphenol	7.122	107	220414	47.105	ng	99
18) Hexachloroethane	7.375	117	107113	44.968	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	202945	44.869	ng	100
20) 3+4-Methylphenols	7.275	107	278278	47.348	ng	98
22) Acetophenone	7.275	105	373647	45.634	ng	97
24) Nitrobenzene	7.451	77	316189	44.818	ng	99
25) Isophorone	7.686	82	558615	46.163	ng	100
26) 2-Nitrophenol	7.763	139	148519	48.969	ng	99
27) 2,4-Dimethylphenol	7.804	122	224432	60.447	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	326223	45.147	ng	100
29) 2,4-Dichlorophenol	8.010	162	231244	47.750	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	239507	43.731	ng	99
31) Naphthalene	8.169	128	811223	45.996	ng	100
32) Benzoic acid	7.928	122	163370	44.251	ng	98
33) 4-Chloroaniline	8.222	127	74733	12.518	ng	98
34) Hexachlorobutadiene	8.281	225	154893	43.703	ng	99
35) Caprolactam	8.592	113	52621	33.128	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	264194	48.192	ng	99
37) 2-Methylnaphthalene	8.863	142	533785	46.470	ng	100
38) 1-Methylnaphthalene	8.963	142	500347	44.563	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	246569	43.829	ng	98
41) Hexachlorocyclopentadiene	9.010	237	267990	155.356	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	177486	46.799	ng	99

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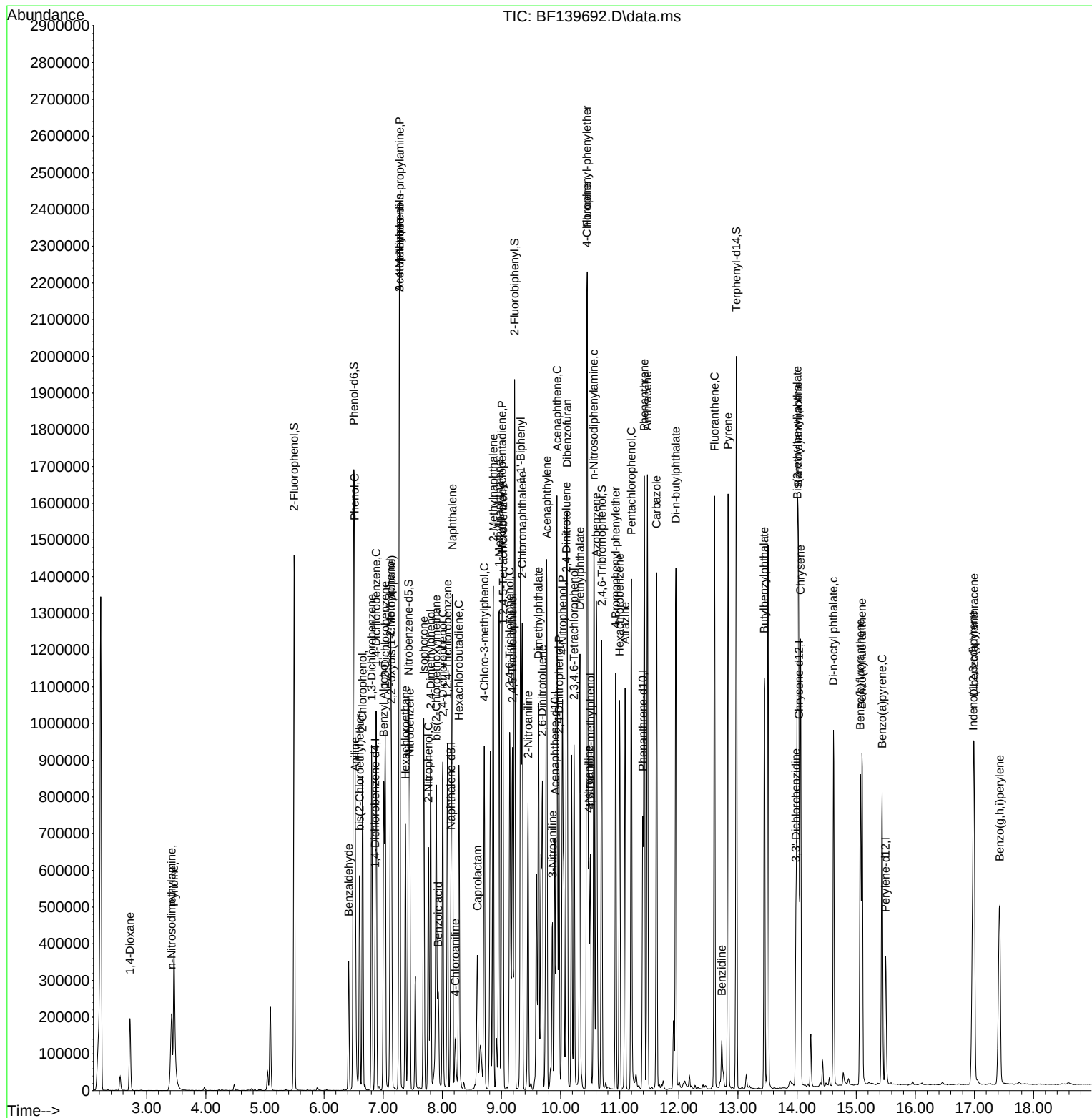
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	183417	44.847	ng	99
46) 1,1'-Biphenyl	9.328	154	660438	43.830	ng	99
47) 2-Chloronaphthalene	9.351	162	500477	44.305	ng	99
48) 2-Nitroaniline	9.451	65	193908	47.819	ng	97
49) Acenaphthylene	9.769	152	836474	48.691	ng	100
50) Dimethylphthalate	9.628	163	621501	46.863	ng	100
51) 2,6-Dinitrotoluene	9.692	165	136927	45.706	ng	94
52) Acenaphthene	9.939	154	522924	44.340	ng	99
53) 3-Nitroaniline	9.863	138	91483	29.882	ng	94
54) 2,4-Dinitrophenol	9.975	184	161839	100.437	ng	95
55) Dibenzofuran	10.110	168	764648	46.307	ng	100
56) 4-Nitrophenol	10.033	139	215420	92.271	ng	95
57) 2,4-Dinitrotoluene	10.098	165	187625	47.914	ng	98
58) Fluorene	10.451	166	601612	45.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	159843	48.389	ng	98
60) Diethylphthalate	10.328	149	630182	46.005	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	290305	44.121	ng	97
62) 4-Nitroaniline	10.480	138	146517	46.788	ng	98
63) Azobenzene	10.604	77	734265	53.302	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	108755	49.667	ng	100
66) n-Nitrosodiphenylamine	10.563	169	529652	46.347	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	175896	44.249	ng	97
68) Hexachlorobenzene	10.998	284	200432	45.439	ng	98
69) Atrazine	11.092	200	175170	57.130	ng	99
70) Pentachlorophenol	11.198	266	224693	85.548	ng	99
71) Phenanthrene	11.416	178	880058	48.142	ng	100
72) Anthracene	11.469	178	897314	49.617	ng	100
73) Carbazole	11.622	167	819449	47.177	ng	100
74) Di-n-butylphthalate	11.951	149	986144	46.688	ng	99
75) Fluoranthene	12.604	202	925465	46.312	ng	100
77) Benzidine	12.727	184	79363	21.448	ng	99
78) Pyrene	12.833	202	942252	50.220	ng	99
80) Butylbenzylphthalate	13.445	149	357634	53.289	ng	99
81) Benzo(a)anthracene	14.021	228	667653	48.408	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	142337	33.721	ng	100
83) Chrysene	14.057	228	607979	48.216	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	442347	52.785	ng	100
85) Di-n-octyl phthalate	14.615	149	619107	50.287	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	602939	53.663	ng	99
88) Benzo(b)fluoranthene	15.068	252	553536	44.846	ng	99
89) Benzo(k)fluoranthene	15.098	252	480692	45.910	ng	100
90) Benzo(a)pyrene	15.439	252	492854	50.640	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	490785	52.665	ng	99
92) Benzo(g,h,i)perylene	17.427	276	460591	49.282	ng	99

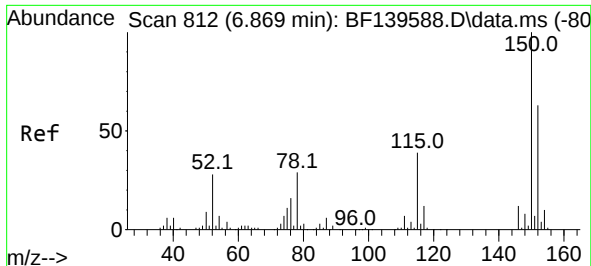
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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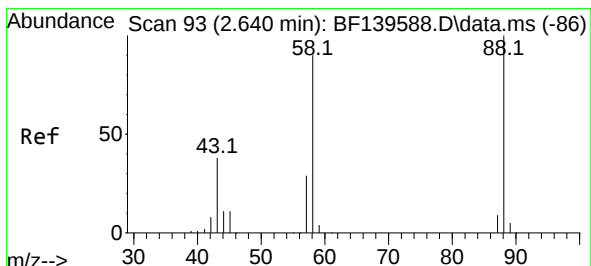
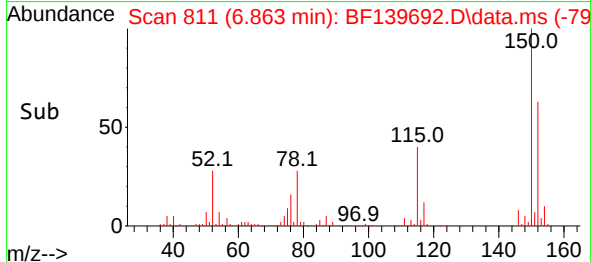
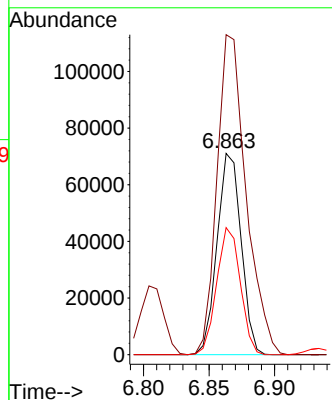
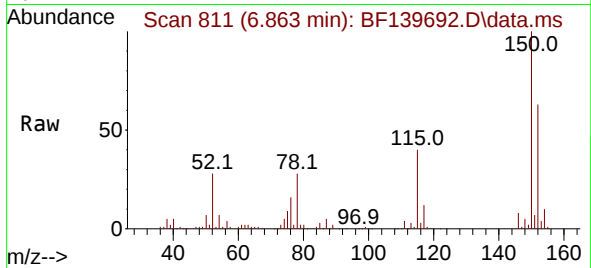




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

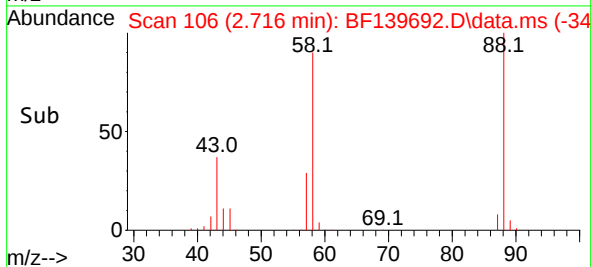
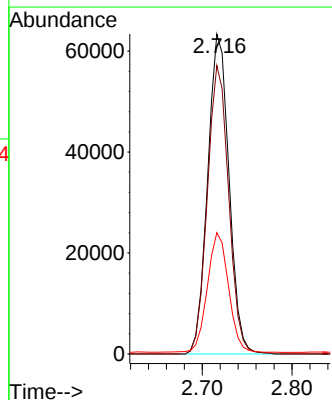
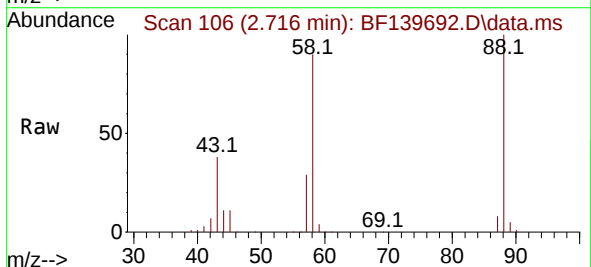
Instrument :
BNA_F
ClientSampleId :
IB-4MS

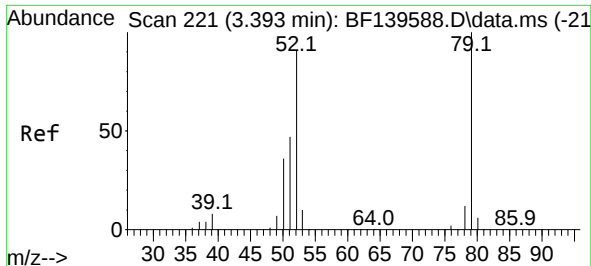
Tgt Ion:152 Resp: 90675
Ion Ratio Lower Upper
152 100
150 159.0 127.2 190.8
115 63.1 49.0 73.4



#2
1,4-Dioxane
Concen: 46.344 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.076 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion: 88 Resp: 104820
Ion Ratio Lower Upper
88 100
58 89.9 72.0 108.0
43 37.2 30.8 46.2





#3

Pyridine

Concen: 43.586 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

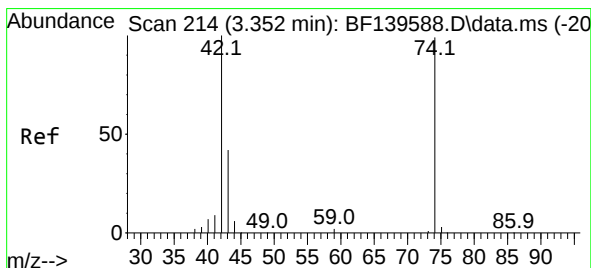
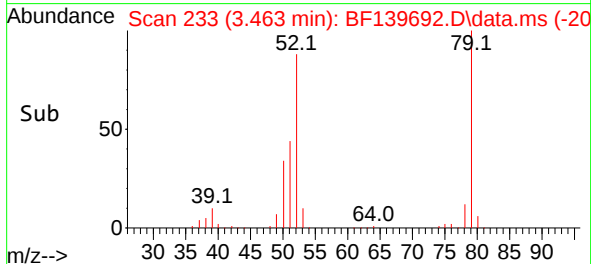
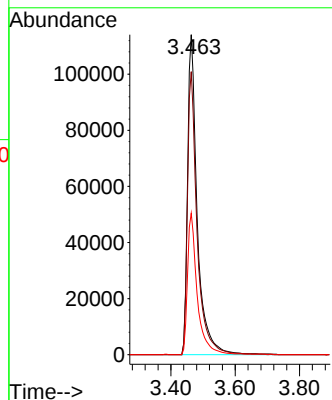
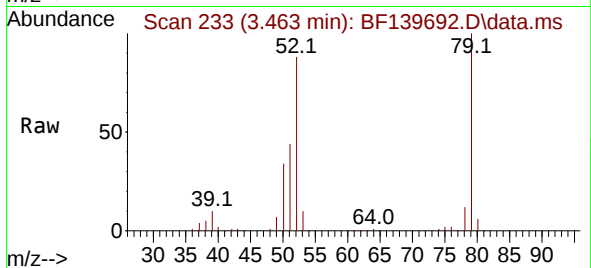
Tgt Ion: 79 Resp: 239758

Ion Ratio Lower Upper

79 100

52 88.5 72.6 109.0

51 44.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 46.579 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.070 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

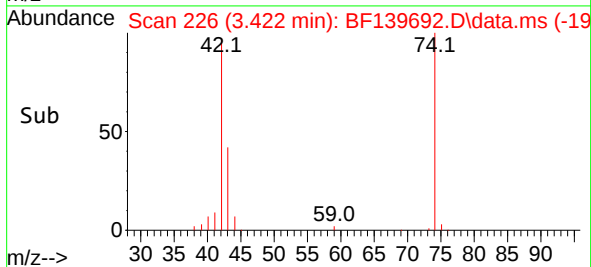
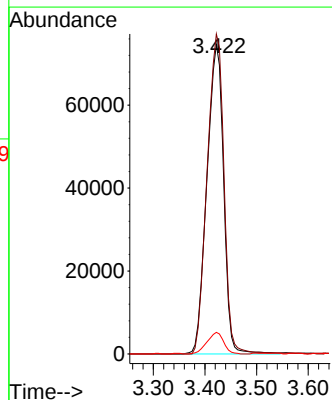
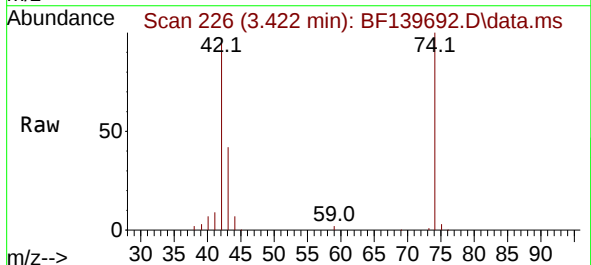
Tgt Ion: 42 Resp: 167715

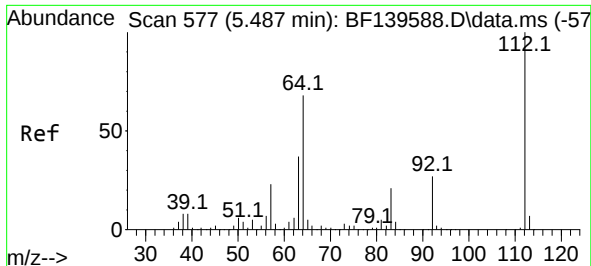
Ion Ratio Lower Upper

42 100

74 103.4 79.0 118.6

44 7.0 5.2 7.8

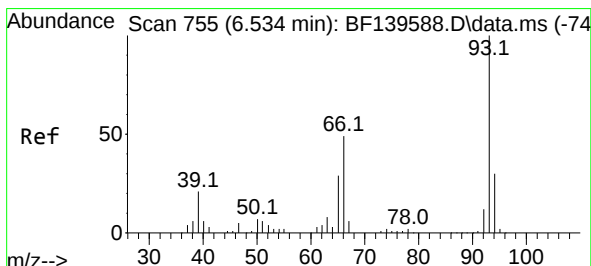
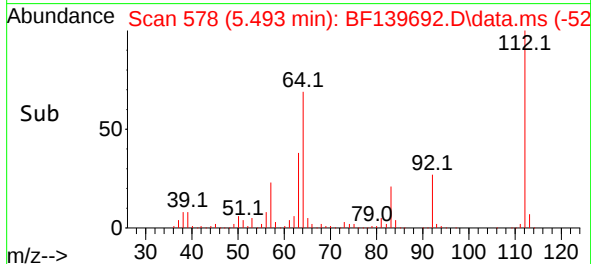
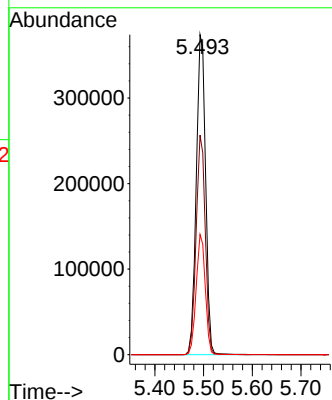
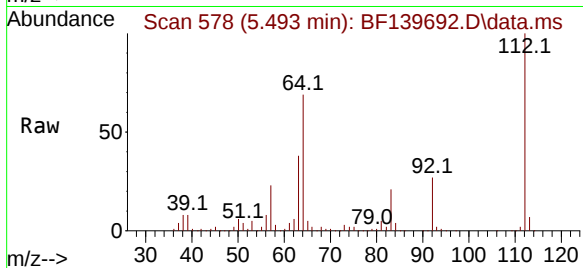




#5
2-Fluorophenol
Concen: 95.721 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139692.D
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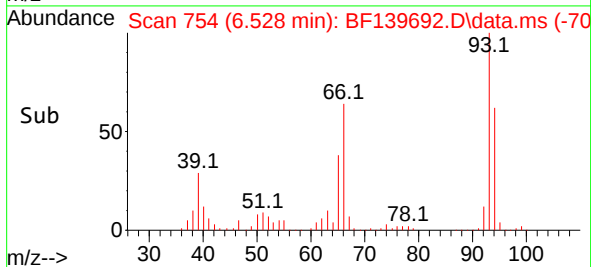
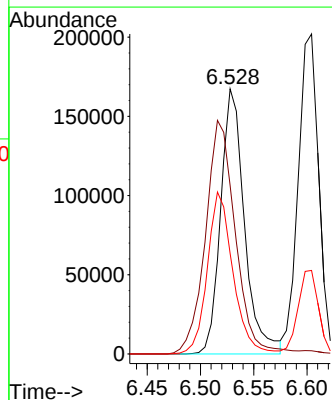
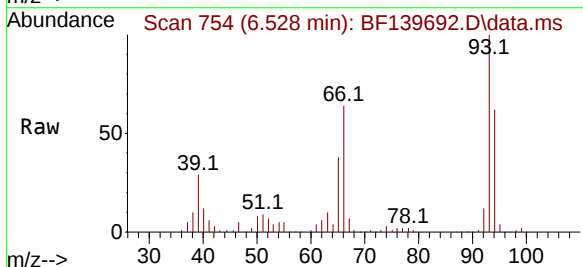
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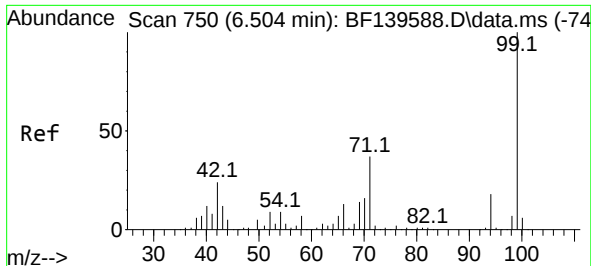
Tgt Ion:112 Resp: 500766
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 37.5 29.4 44.2



#6
Aniline
Concen: 41.599 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion: 93 Resp: 259699
Ion Ratio Lower Upper
93 100
66 63.6 40.9 61.3#
65 37.9 23.3 34.9#

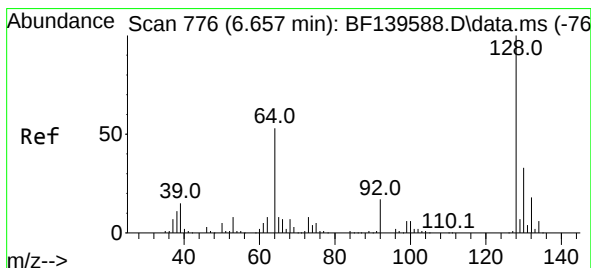
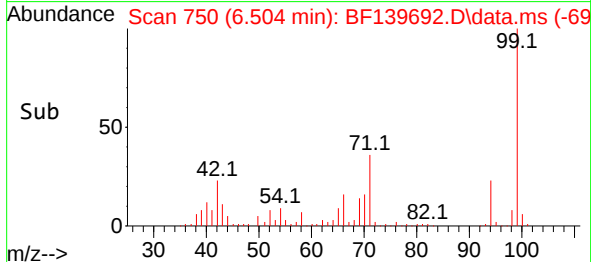
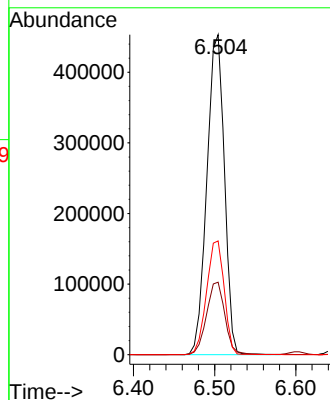
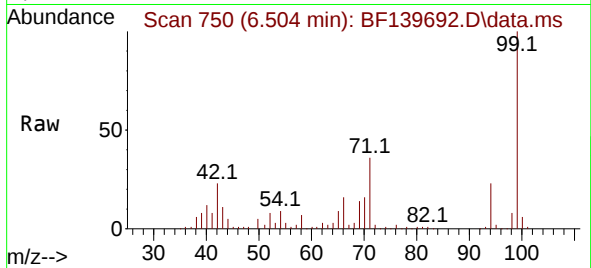




#7
Phenol-d6
Concen: 96.375 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139692.D
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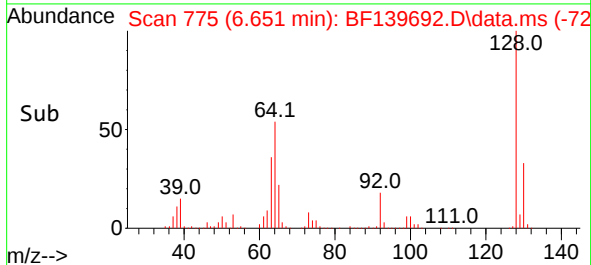
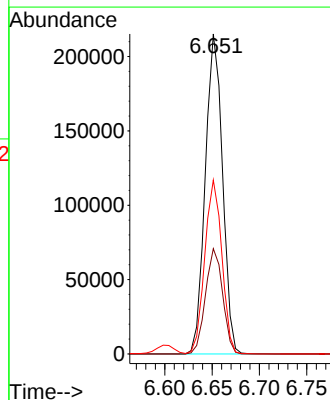
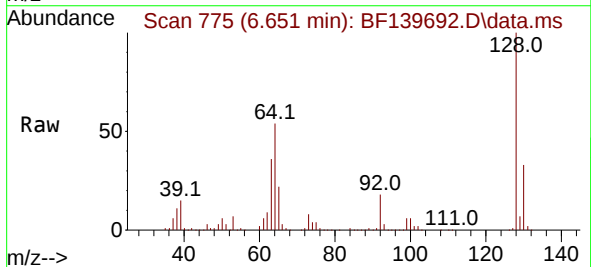
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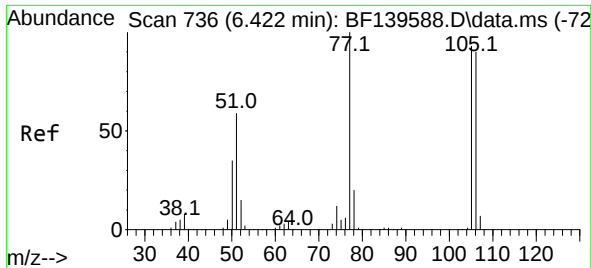
Tgt Ion: 99 Resp: 678023
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 35.5 29.7 44.5



#8
2-Chlorophenol
Concen: 48.469 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:128 Resp: 271667
Ion Ratio Lower Upper
128 100
130 32.9 13.2 53.2
64 54.3 35.1 75.1





#9

Benzaldehyde

Concen: 23.767 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139692.D

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BNA_F

ClientSampleId :

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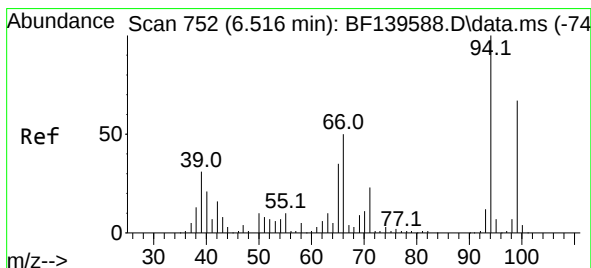
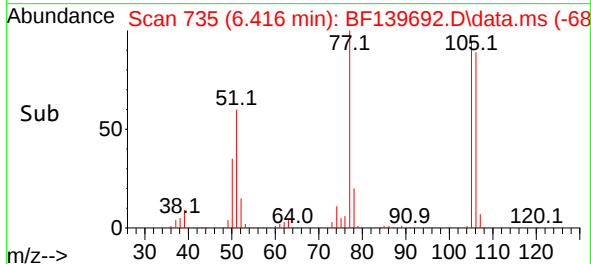
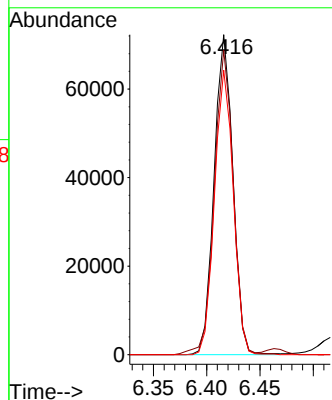
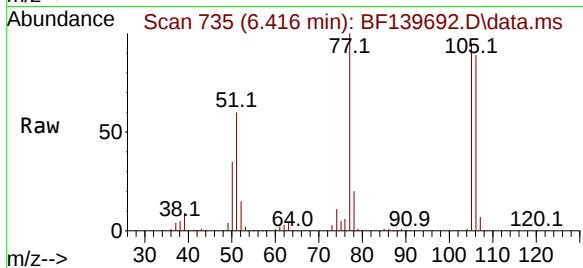
Tgt Ion: 77 Resp: 88574

Ion Ratio Lower Upper

77 100

105 95.1 72.7 112.7

106 88.9 70.1 110.1



#10

Phenol

Concen: 48.792 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

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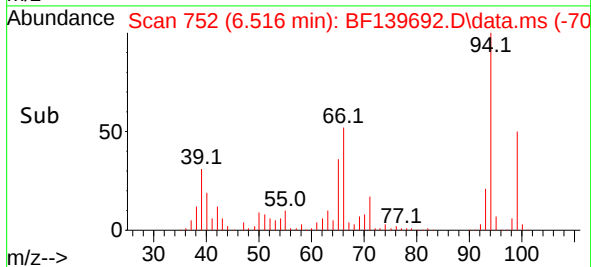
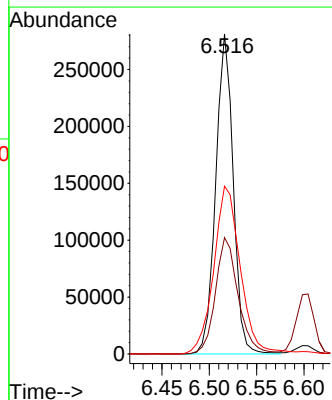
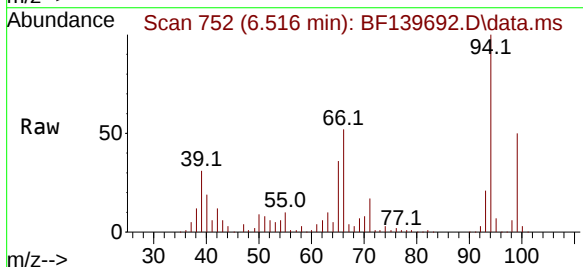
Tgt Ion: 94 Resp: 360947

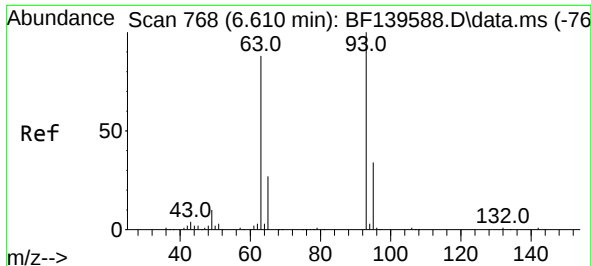
Ion Ratio Lower Upper

94 100

65 36.3 15.3 55.3

66 52.4 30.5 70.5

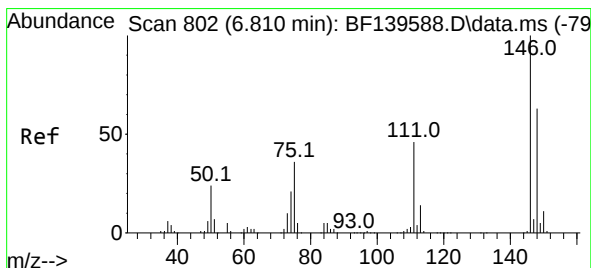
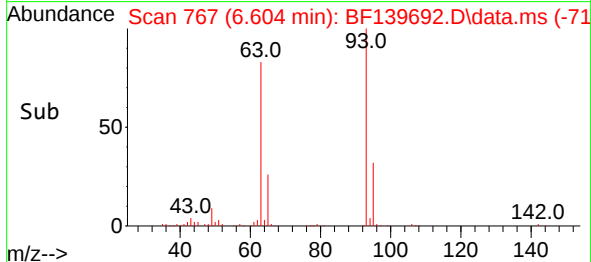
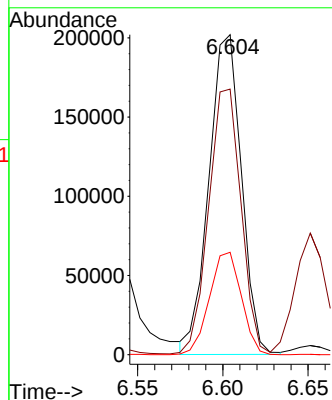
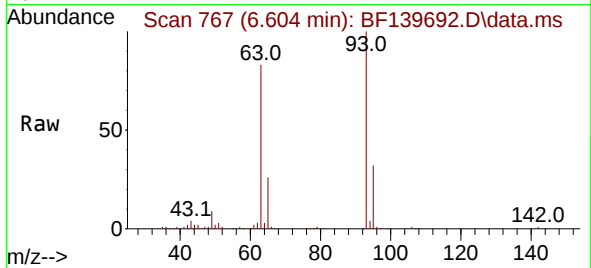




#11
bis(2-Chloroethyl)ether
Concen: 44.509 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

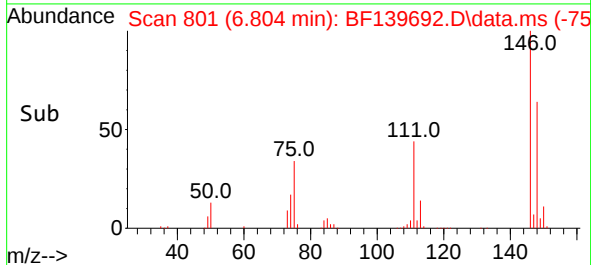
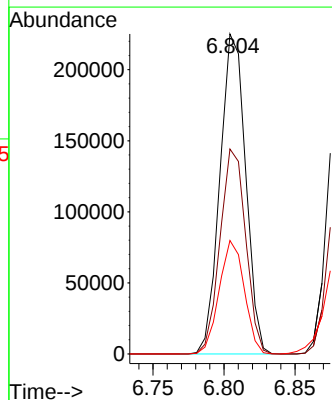
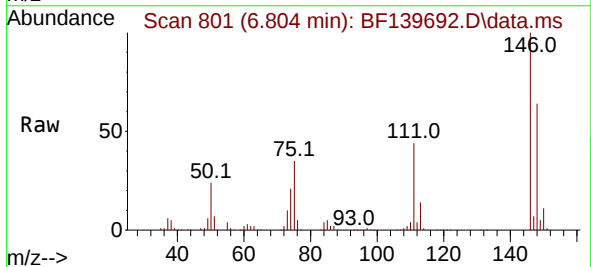
Instrument :
BNA_F
ClientSampleId :
IB-4MS

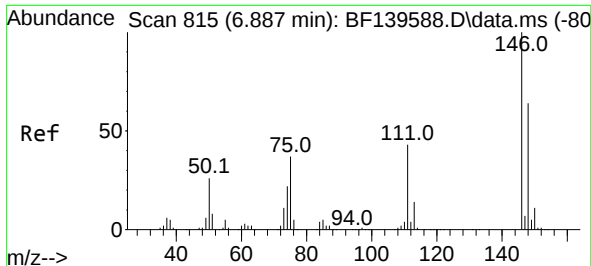
Tgt Ion: 93 Resp: 268088
Ion Ratio Lower Upper
93 100
63 83.0 64.1 104.1
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 44.950 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion: 146 Resp: 283427
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.4
75 35.5 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 44.729 ng

RT: 6.881 min Scan# 815

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

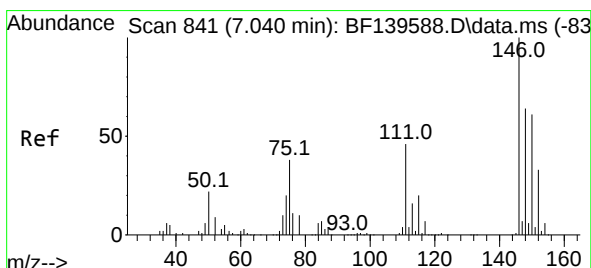
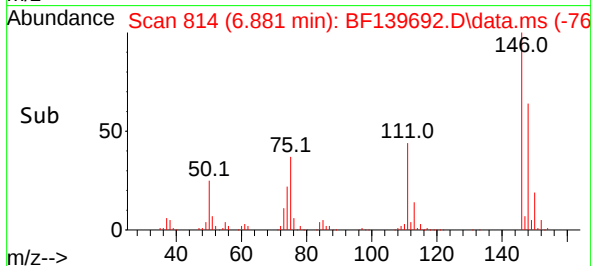
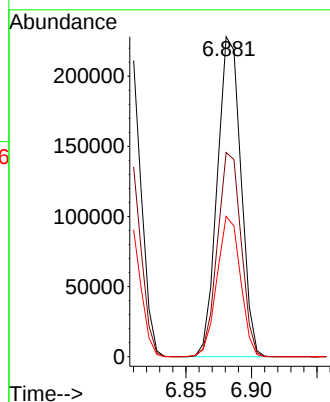
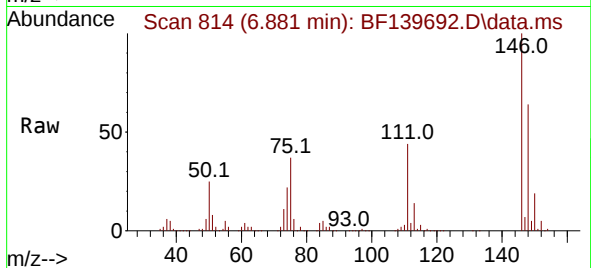
Tgt Ion:146 Resp: 285645

Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

111 43.8 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 45.595 ng

RT: 7.034 min Scan# 840

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

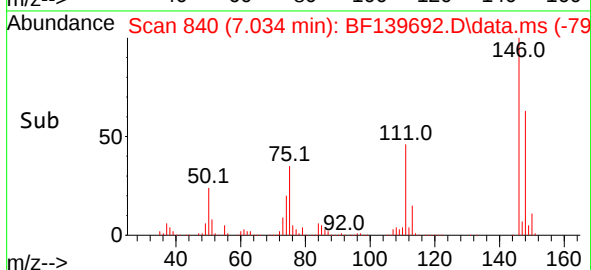
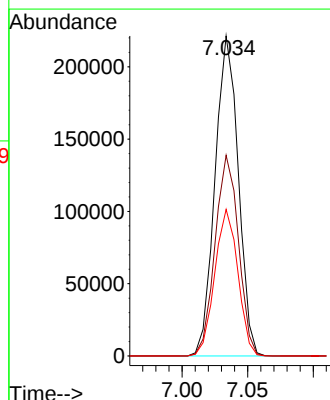
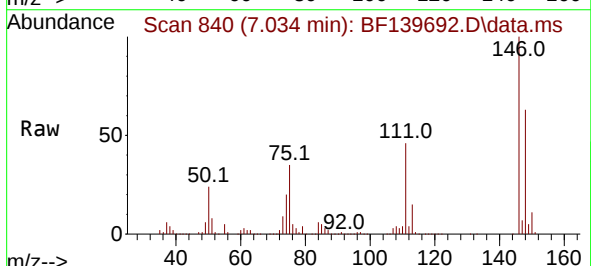
Tgt Ion:146 Resp: 272892

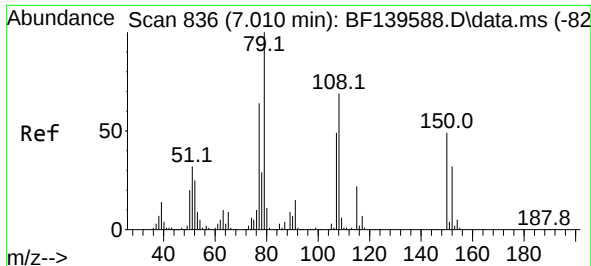
Ion Ratio Lower Upper

146 100

148 62.7 51.2 76.8

111 45.8 37.0 55.6

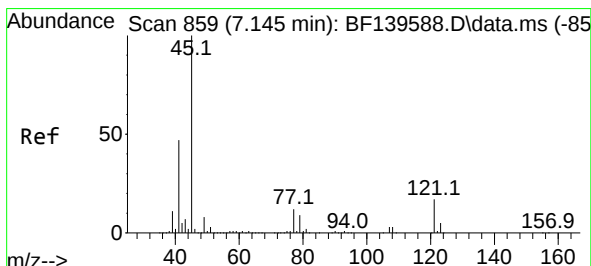
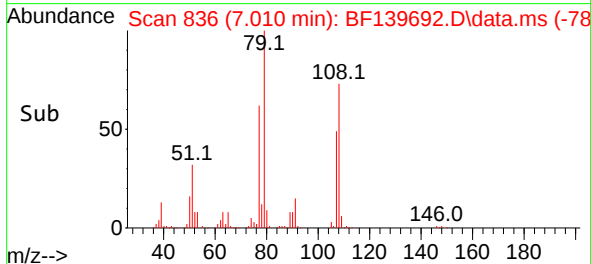
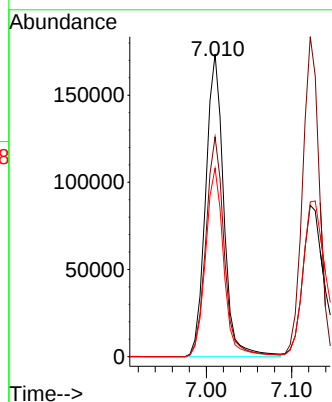
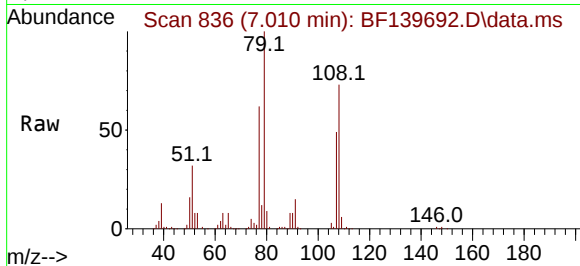




#15
Benzyl Alcohol
Concen: 47.509 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

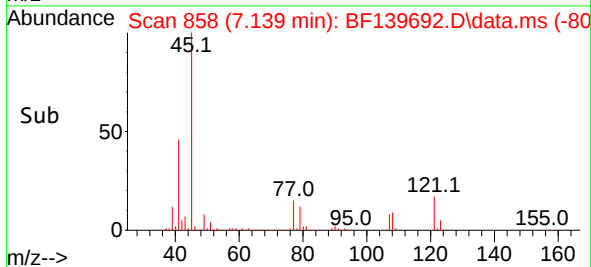
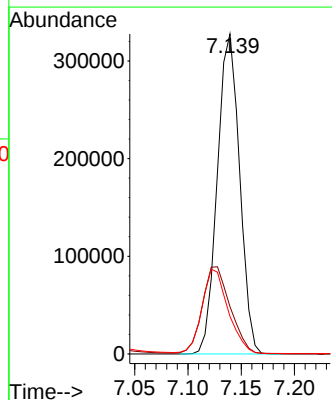
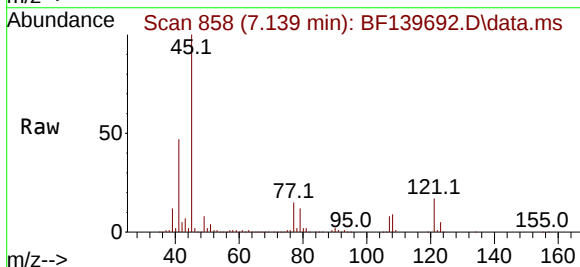
Instrument :
BNA_F
ClientSampleId :
IB-4MS

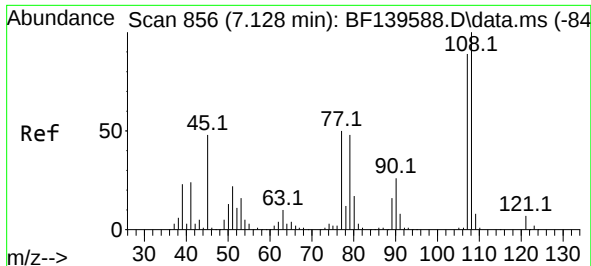
Tgt Ion: 79 Resp: 255377
Ion Ratio Lower Upper
79 100
108 72.6 55.1 82.7
77 62.3 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.659 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion: 45 Resp: 476099
Ion Ratio Lower Upper
45 100
77 14.8 0.0 32.5
79 11.7 0.0 29.7

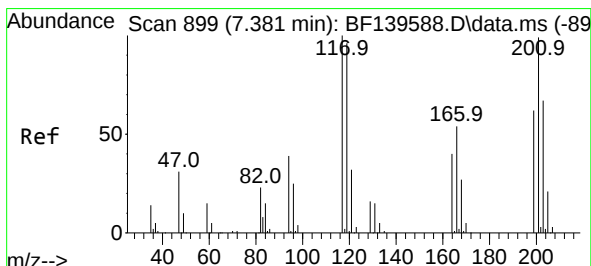
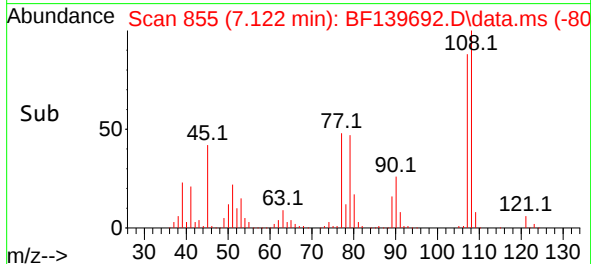
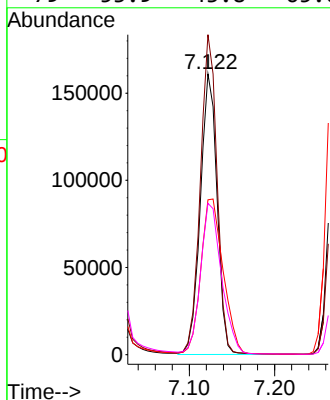
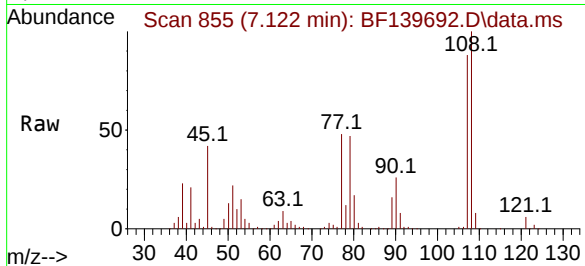




#17
2-Methylphenol
Concen: 47.105 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

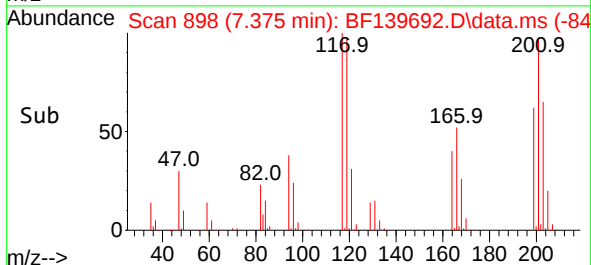
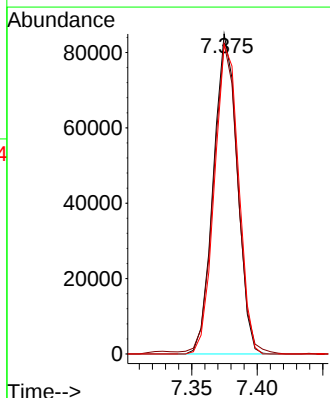
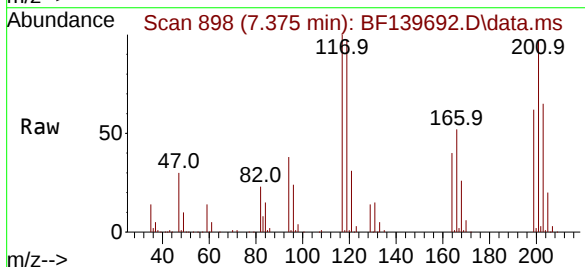
Instrument :
BNA_F
ClientSampleId :
IB-4MS

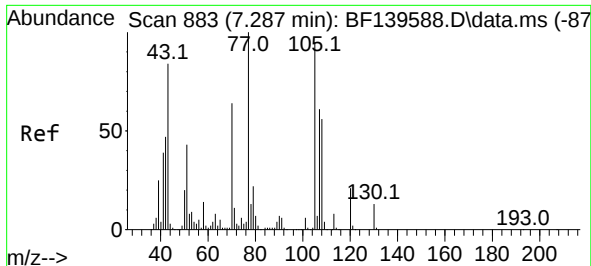
Tgt Ion:	107	Resp:	220414
Ion	Ratio	Lower	Upper
107	100		
108	113.9	89.8	134.6
77	55.1	44.6	67.0
79	53.9	43.8	65.6



#18
Hexachloroethane
Concen: 44.968 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:	117	Resp:	107113
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.6
201	96.6	79.2	118.8



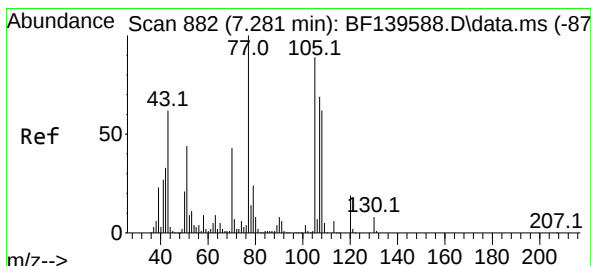
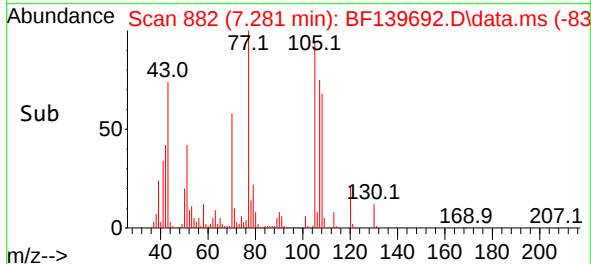
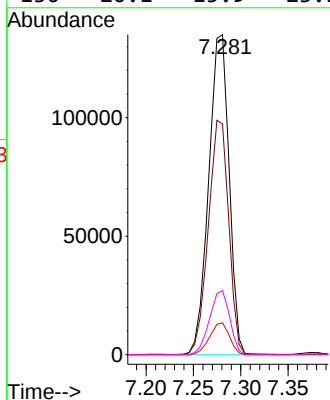
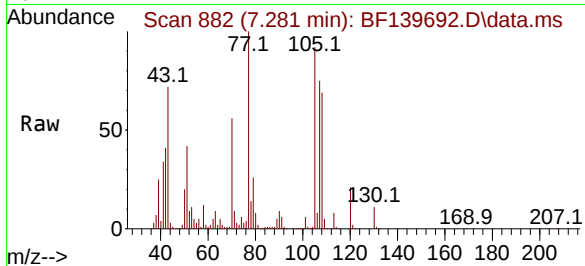


#19
n-Nitroso-di-n-propylamine
Concen: 44.869 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion: 70 Resp: 202945

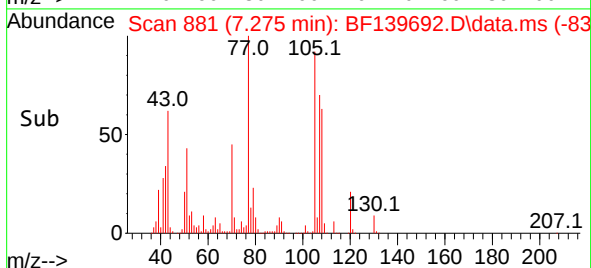
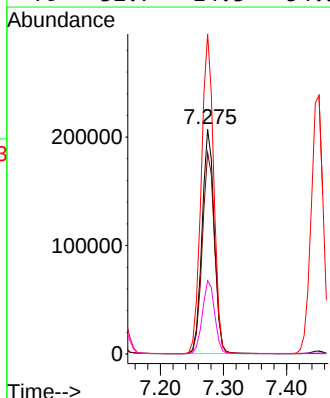
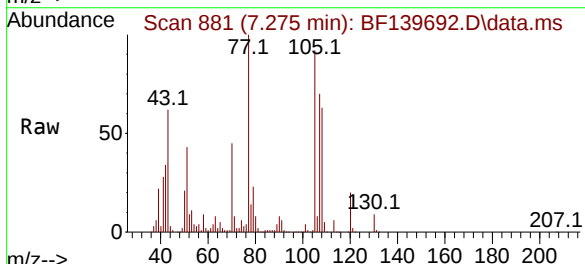
Ion	Ratio	Lower	Upper
70	100		
42	72.1	58.0	87.0
101	10.0	7.8	11.8
130	20.1	15.9	23.9

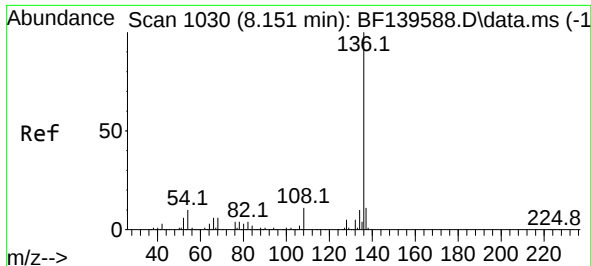


#20
3+4-Methylphenols
Concen: 47.348 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion: 107 Resp: 278278

Ion	Ratio	Lower	Upper
107	100		
108	89.5	70.2	110.2
77	142.4	125.3	165.3
79	32.7	14.3	54.3



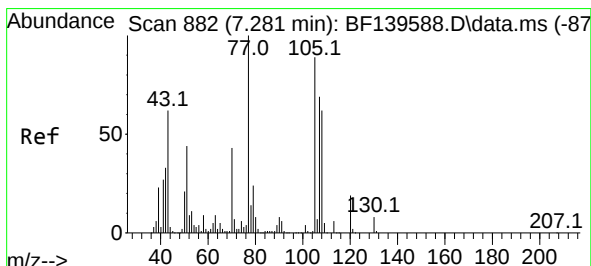
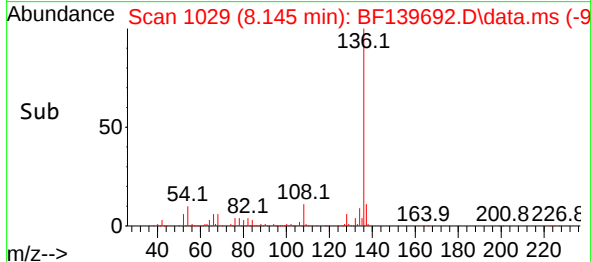
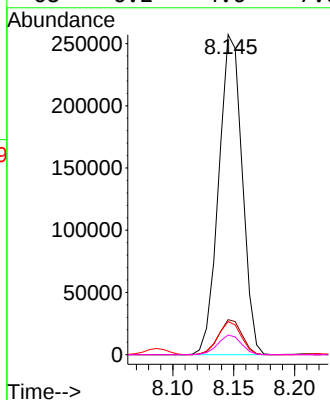
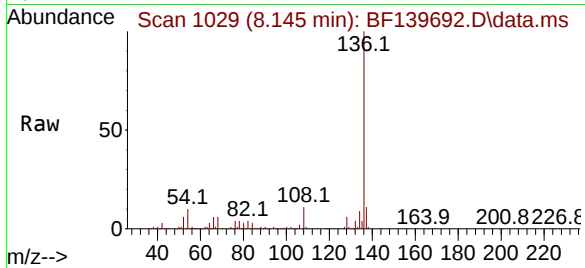


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion:136 Resp: 344947

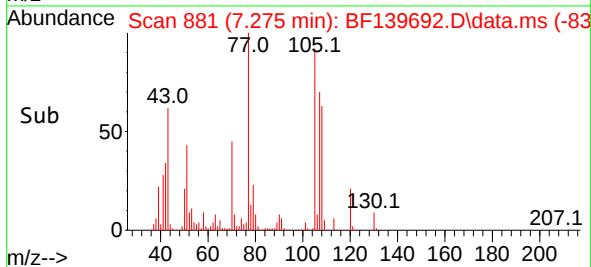
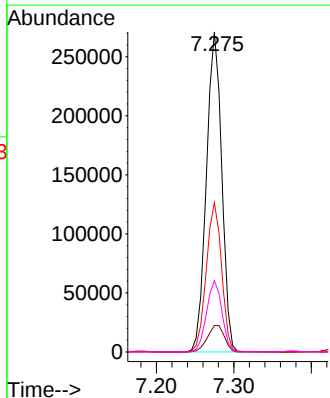
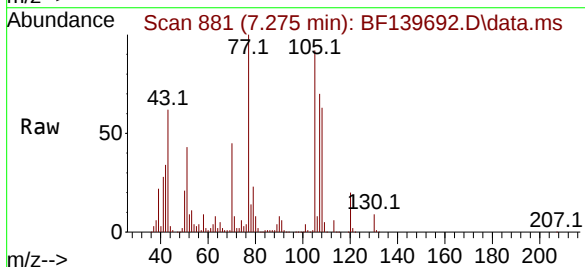
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.3	8.3	12.5
68	6.2	4.6	7.0

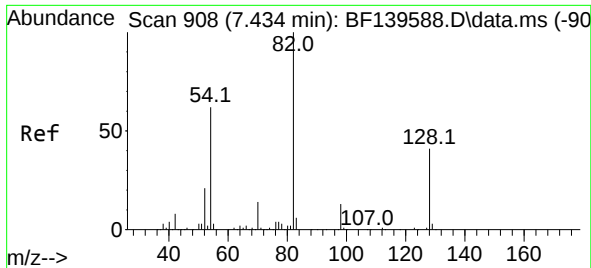


#22
Acetophenone
Concen: 45.634 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:105 Resp: 373647

Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.6	10.0
51	46.7	39.4	59.0
120	22.3	17.4	26.2

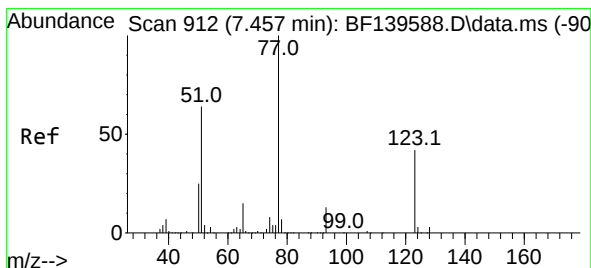
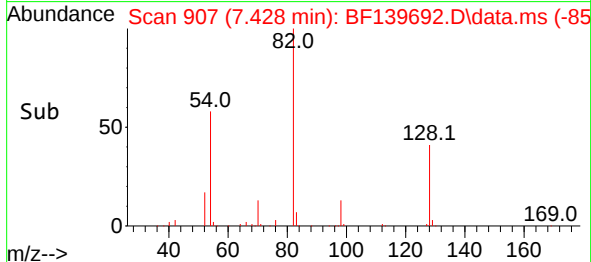
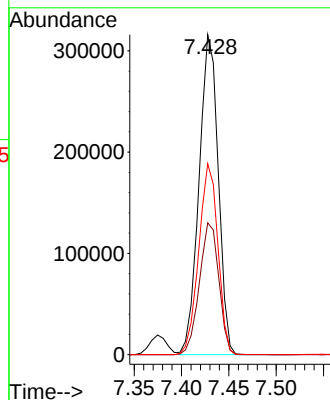
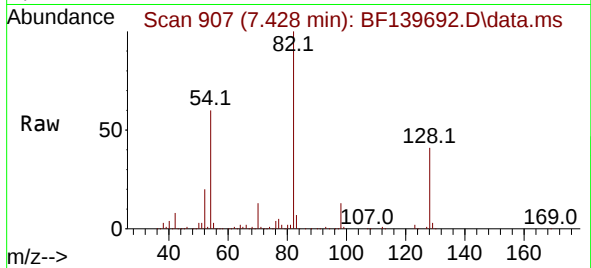




#23
Nitrobenzene-d5
Concen: 65.321 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

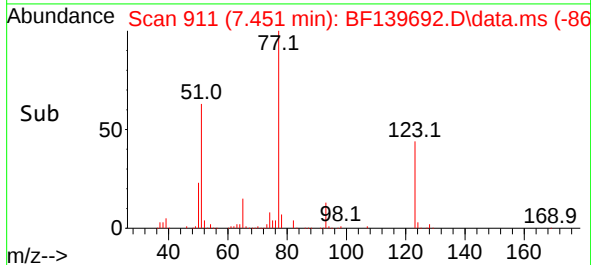
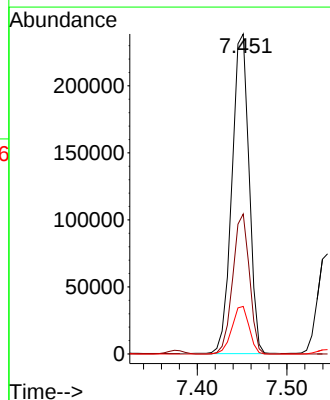
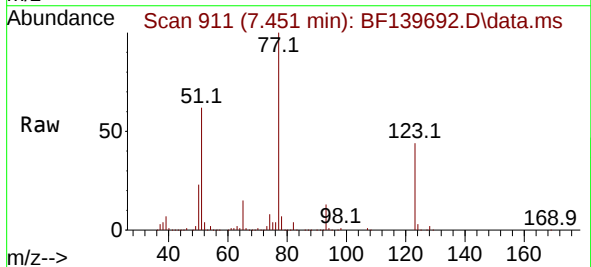
Instrument :
BNA_F
ClientSampleId :
IB-4MS

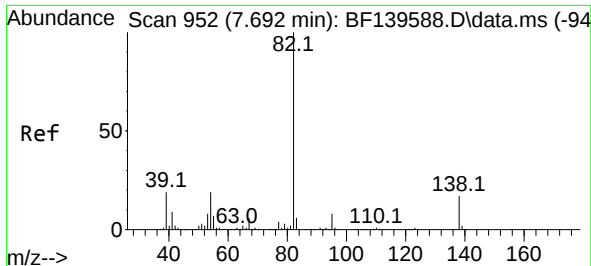
Tgt Ion: 82 Resp: 445033
Ion Ratio Lower Upper
82 100
128 41.2 32.4 48.6
54 59.7 49.1 73.7



#24
Nitrobenzene
Concen: 44.818 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion: 77 Resp: 316189
Ion Ratio Lower Upper
77 100
123 43.7 34.2 51.4
65 14.9 12.1 18.1

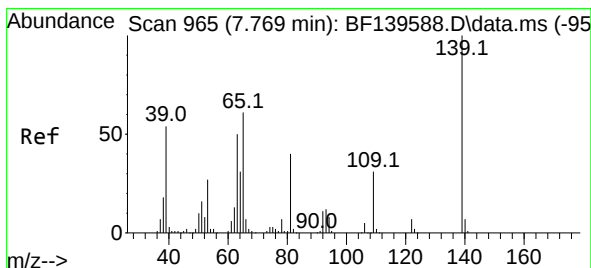
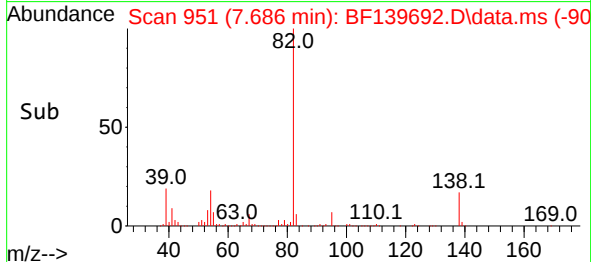
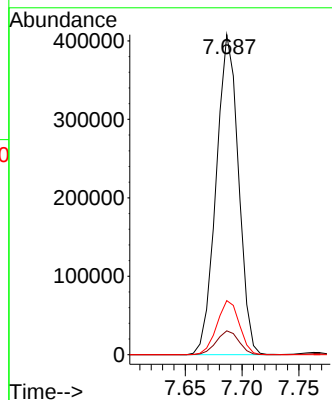
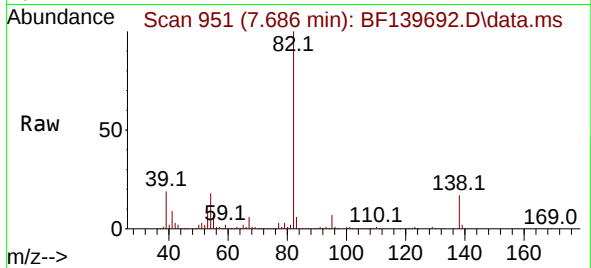




#25
Isophorone
Concen: 46.163 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

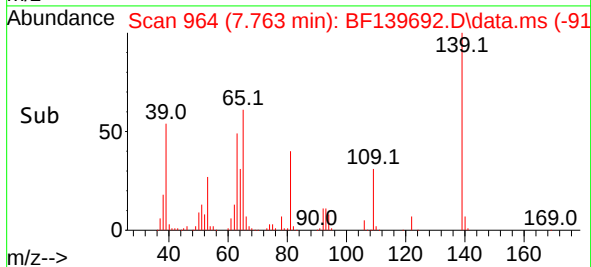
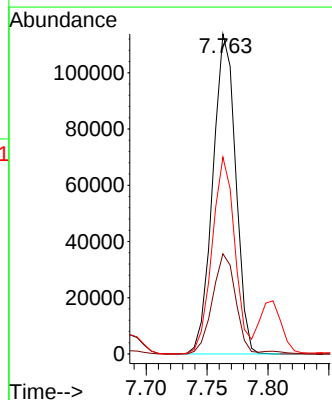
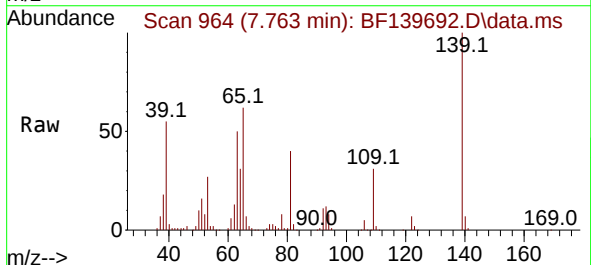
Instrument :
BNA_F
ClientSampleId :
IB-4MS

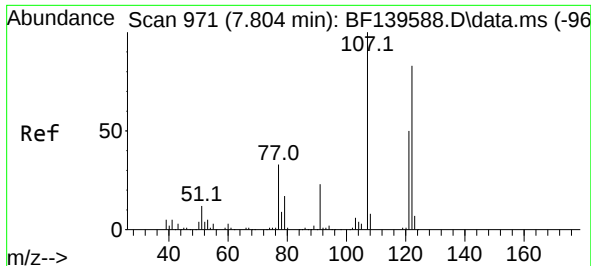
Tgt Ion: 82 Resp: 558615
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.9 13.4 20.2



#26
2-Nitrophenol
Concen: 48.969 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion: 139 Resp: 148519
Ion Ratio Lower Upper
139 100
109 31.3 24.9 37.3
65 61.5 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 60.447 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

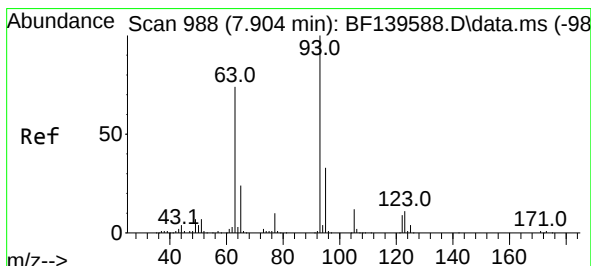
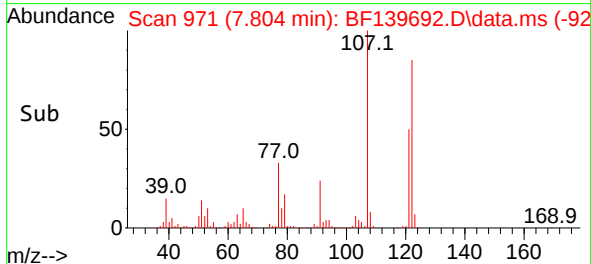
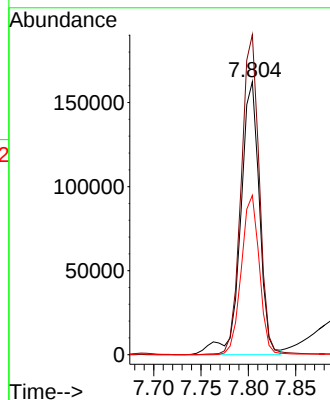
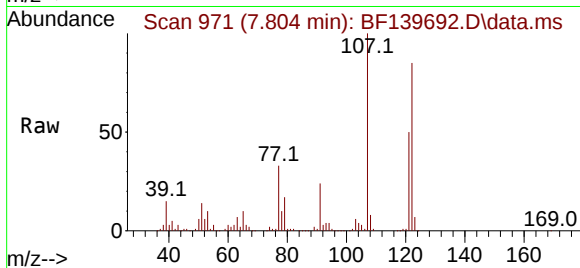
Tgt Ion:122 Resp: 224432

Ion Ratio Lower Upper

122 100

107 117.2 95.4 143.0

121 58.4 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 45.147 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

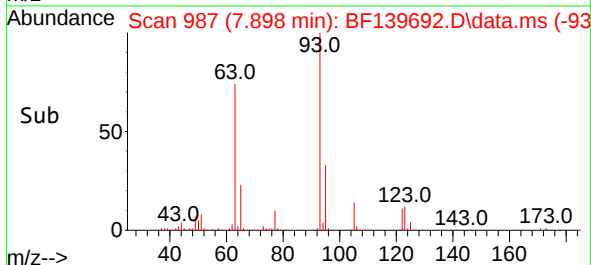
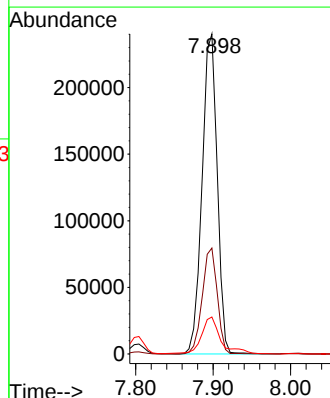
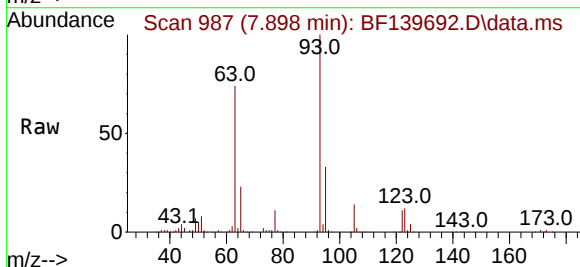
Tgt Ion: 93 Resp: 326223

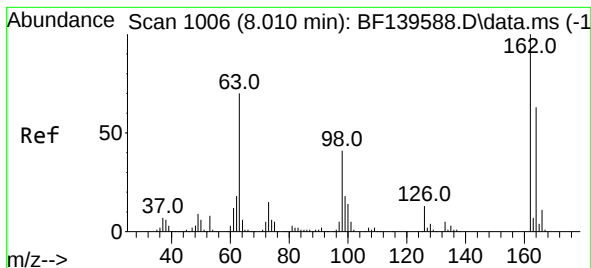
Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

123 11.6 9.4 14.0

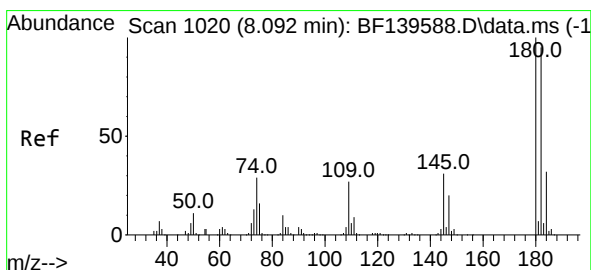
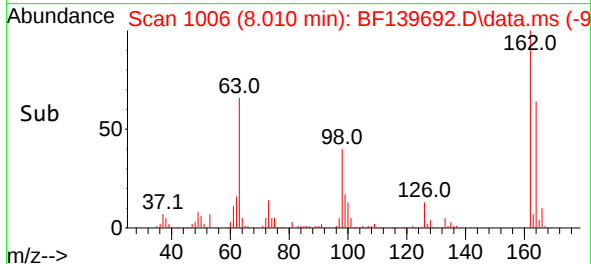
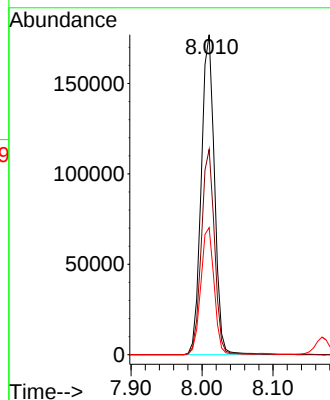
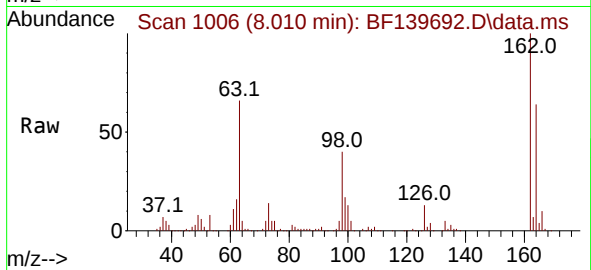




#29
2,4-Dichlorophenol
Concen: 47.750 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

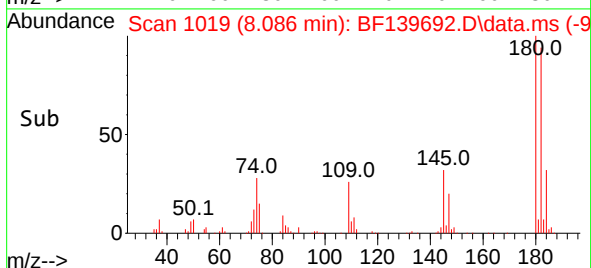
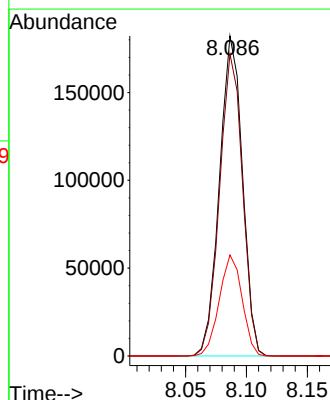
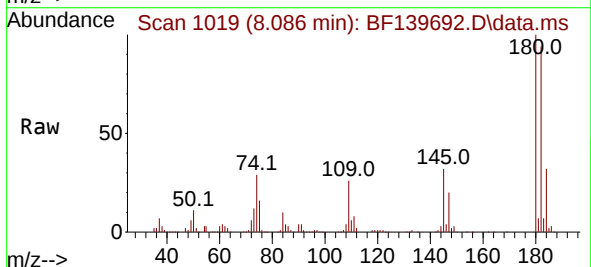
Instrument :
BNA_F
ClientSampleId :
IB-4MS

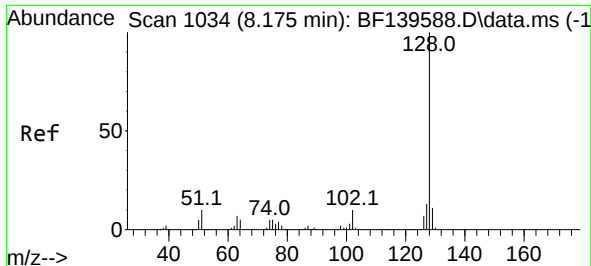
Tgt Ion:162 Resp: 231244
Ion Ratio Lower Upper
162 100
164 64.2 43.1 83.1
98 39.7 20.8 60.8



#30
1,2,4-Trichlorobenzene
Concen: 43.731 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:180 Resp: 239507
Ion Ratio Lower Upper
180 100
182 94.4 76.0 114.0
145 31.6 25.0 37.6

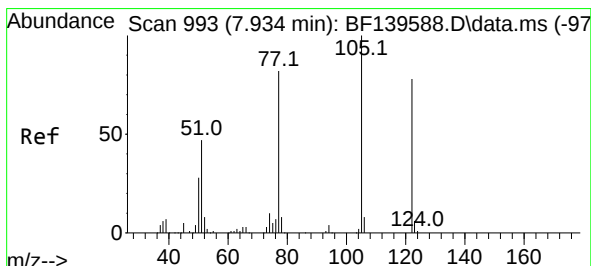
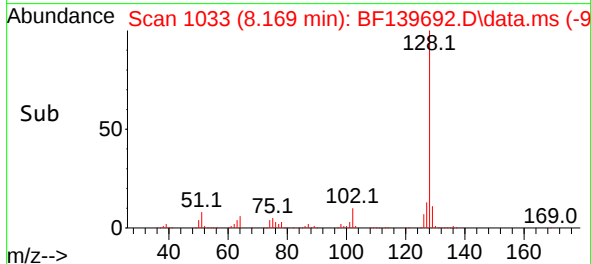
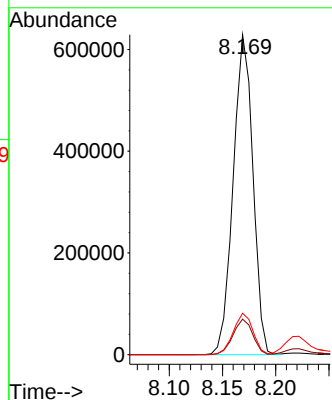
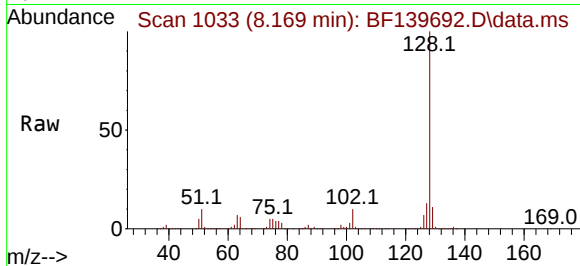




#31
Naphthalene
Concen: 45.996 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

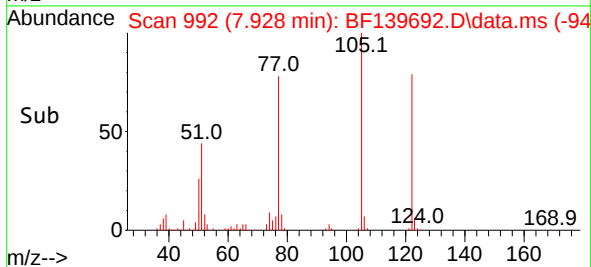
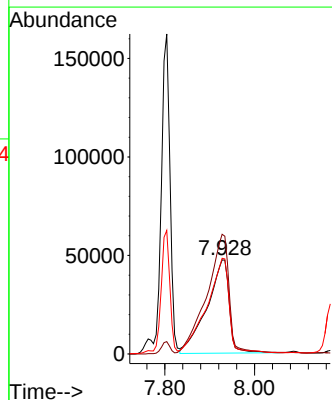
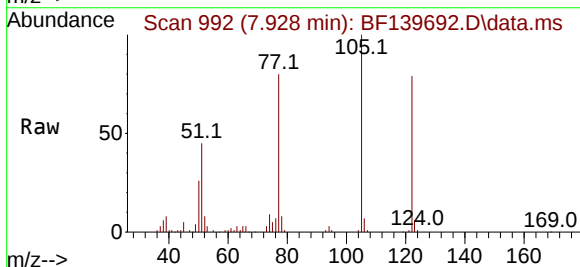
Instrument :
BNA_F
ClientSampleId :
IB-4MS

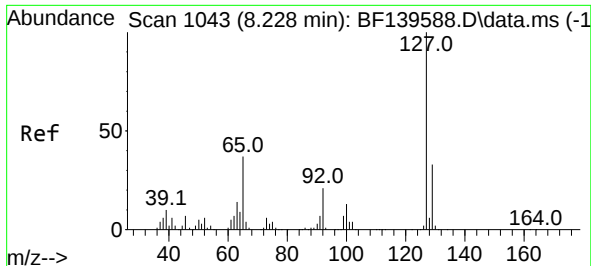
Tgt Ion:128 Resp: 811223
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.5 15.7



#32
Benzoic acid
Concen: 44.251 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:122 Resp: 163370
Ion Ratio Lower Upper
122 100
105 127.3 104.9 144.9
77 101.8 82.7 122.7

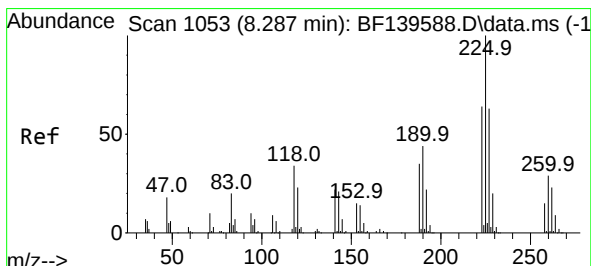
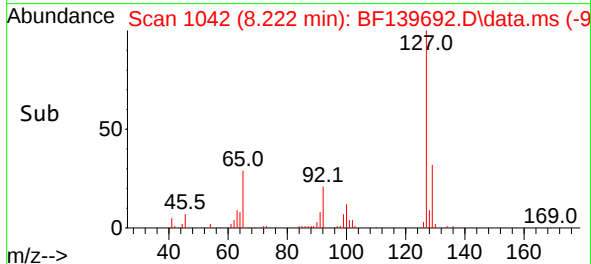
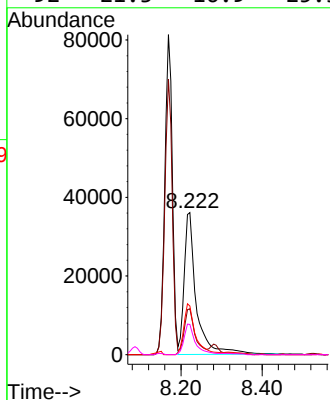
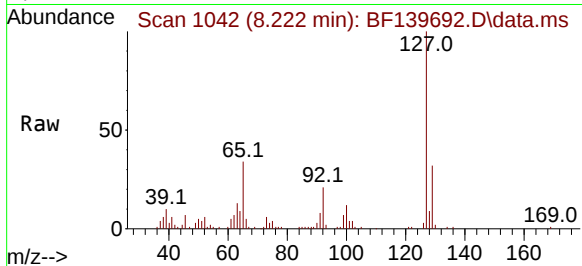




#33
4-Chloroaniline
Concen: 12.518 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

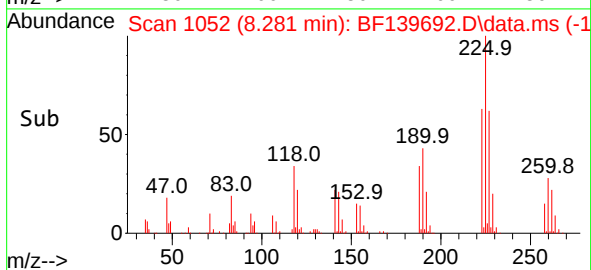
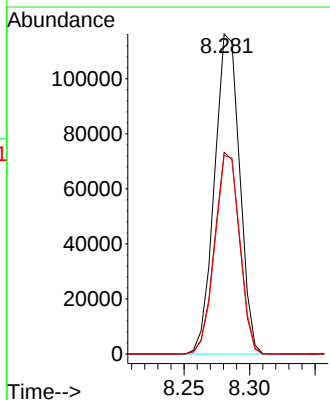
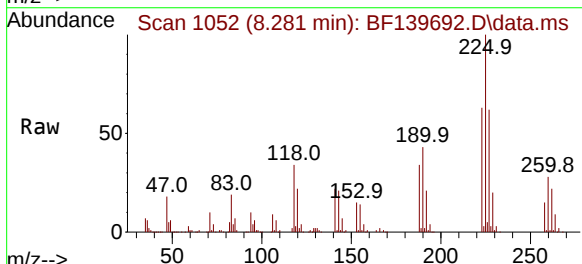
Instrument :
BNA_F
ClientSampleId :
IB-4MS

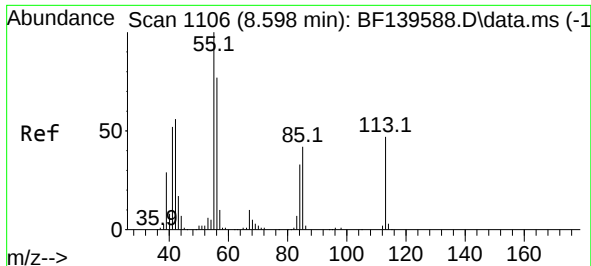
Tgt Ion:	127	Resp:	74733
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.2	39.4
65	34.3	29.3	43.9
92	21.3	16.9	25.3



#34
Hexachlorobutadiene
Concen: 43.703 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:	225	Resp:	154893
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.9	76.3
227	62.0	50.7	76.1

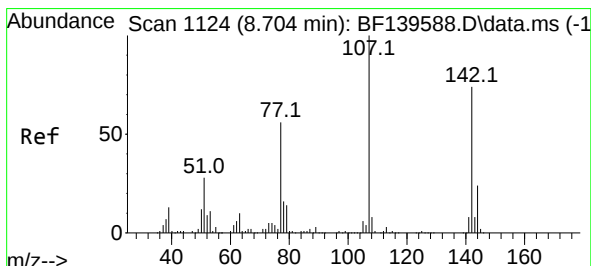
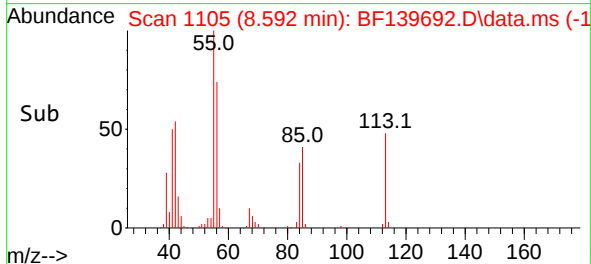
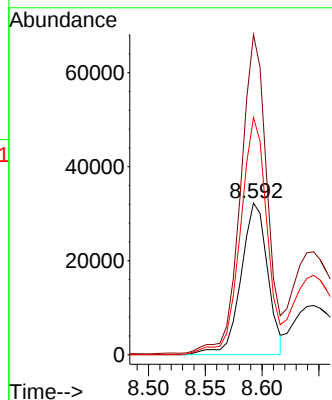
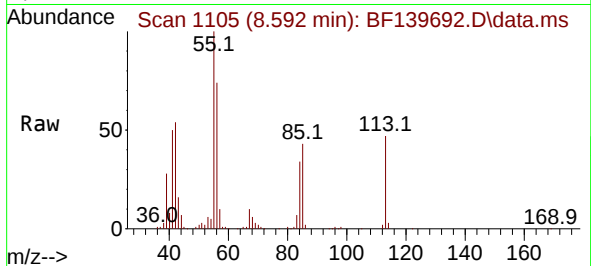




#35
 Caprolactam
 Concen: 33.128 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59

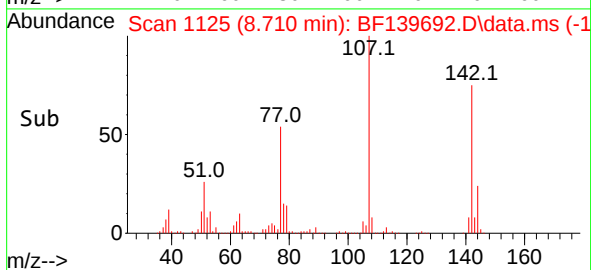
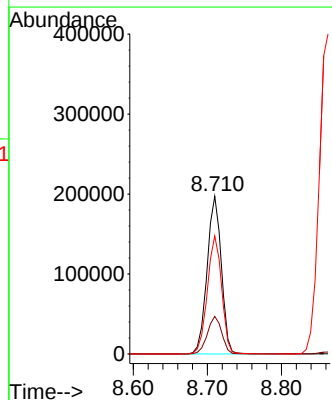
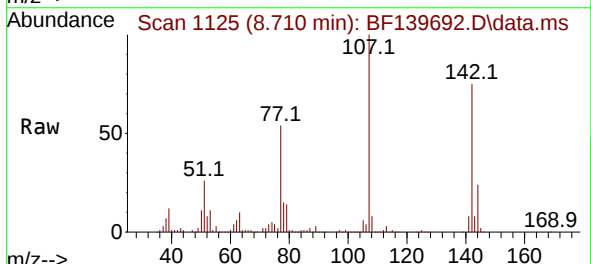
Instrument :
 BNA_F
 ClientSampleId :
 IB-4MS

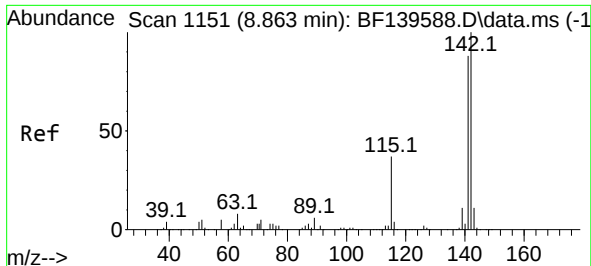
Tgt Ion:113 Resp: 52621
 Ion Ratio Lower Upper
 113 100
 55 210.9 193.4 233.4
 56 156.3 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.192 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59

Tgt Ion:107 Resp: 264194
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.0 28.6
 142 74.8 59.2 88.8

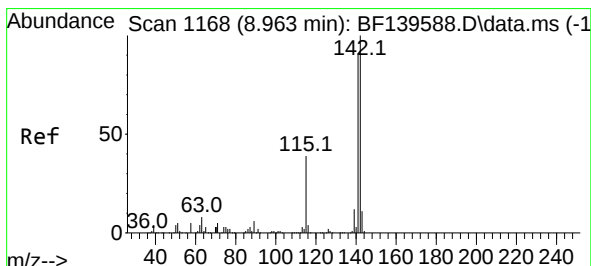
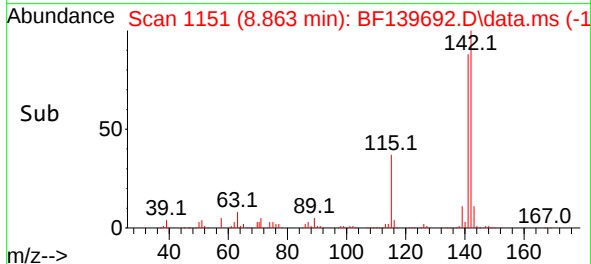
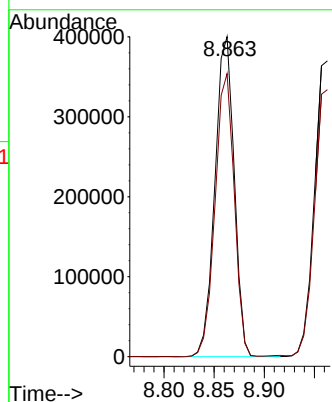
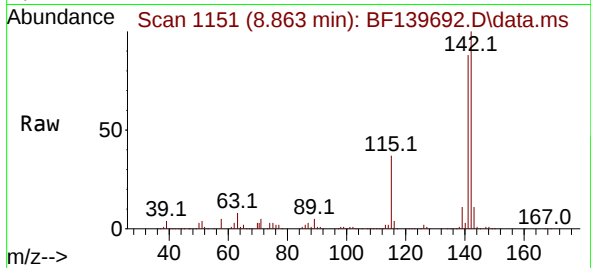




#37
2-Methylnaphthalene
Concen: 46.470 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

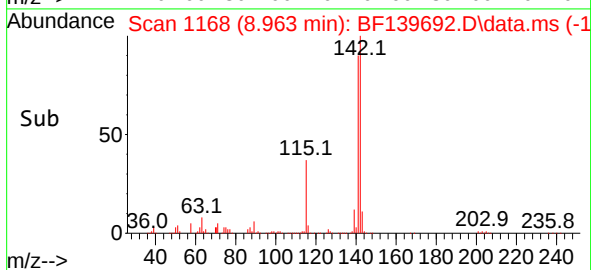
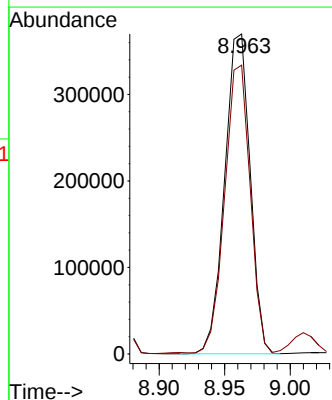
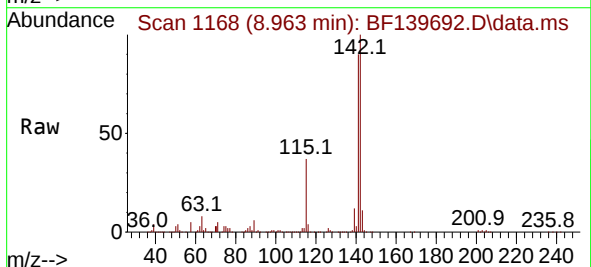
Instrument :
BNA_F
ClientSampleId :
IB-4MS

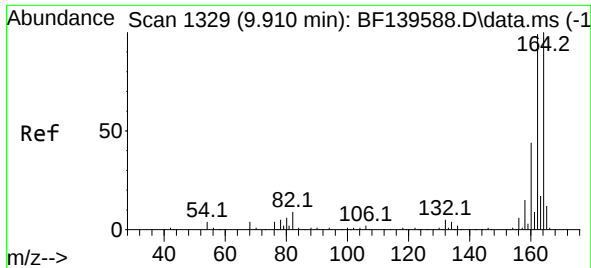
Tgt Ion:142 Resp: 533785
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6



#38
1-Methylnaphthalene
Concen: 44.563 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:142 Resp: 500347
Ion Ratio Lower Upper
142 100
141 90.3 73.0 109.4

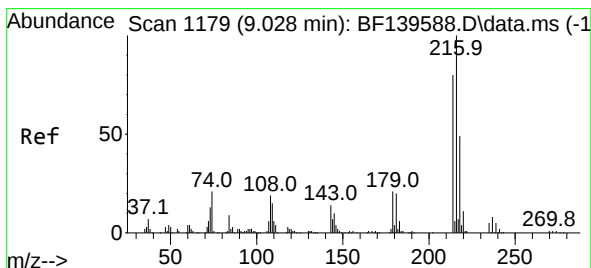
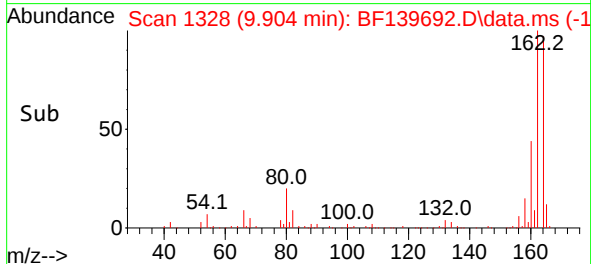
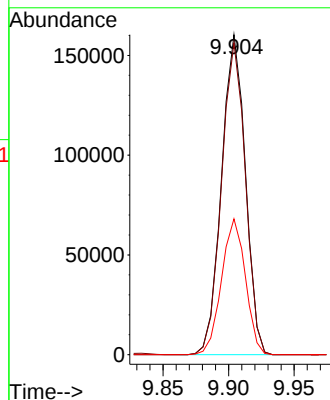
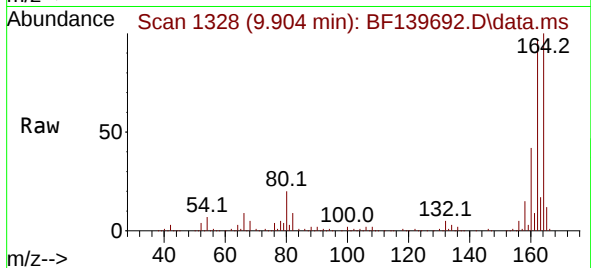




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

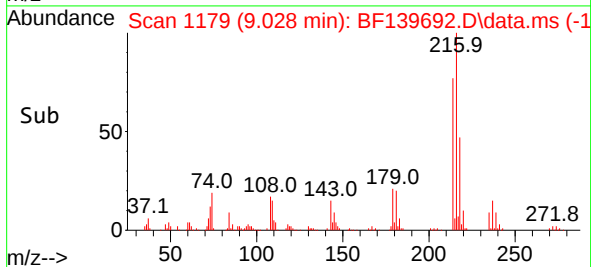
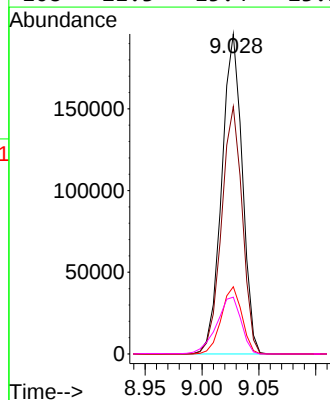
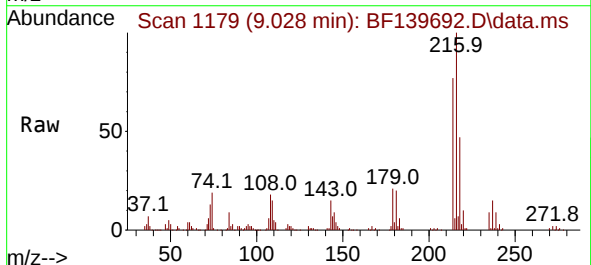
Instrument :
BNA_F
ClientSampleId :
IB-4MS

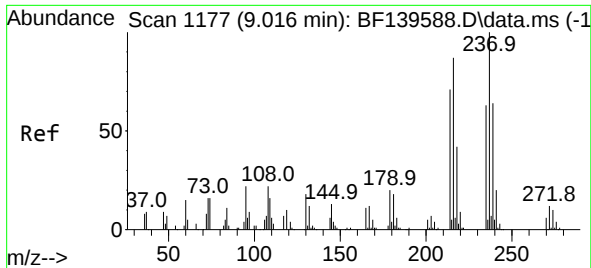
Tgt Ion:164 Resp: 202594
Ion Ratio Lower Upper
164 100
162 97.4 79.4 119.0
160 42.5 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.829 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:216 Resp: 246569
Ion Ratio Lower Upper
216 100
214 77.8 63.7 95.5
179 21.1 16.9 25.3
108 21.3 15.4 23.2

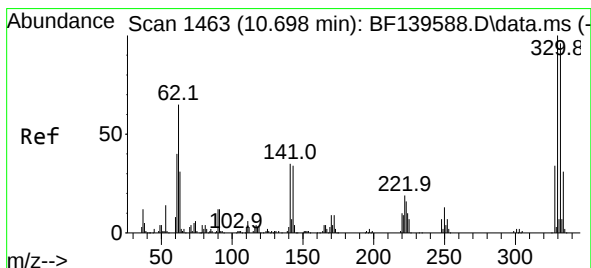
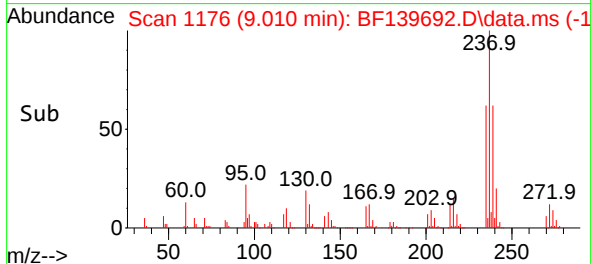
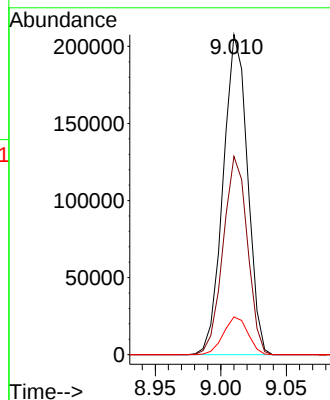
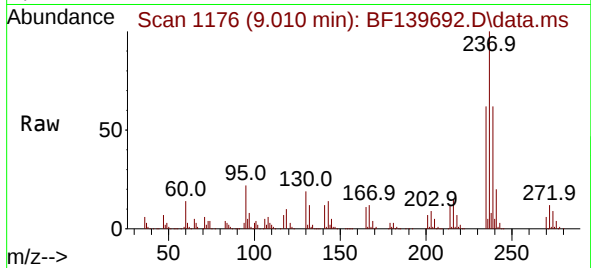




#41
Hexachlorocyclopentadiene
Concen: 155.356 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

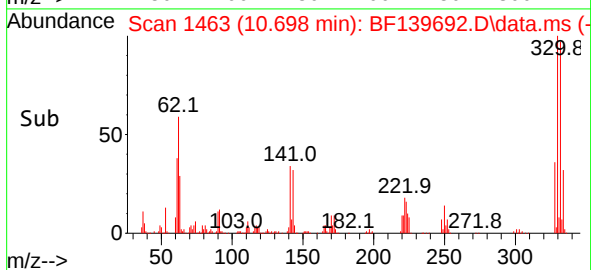
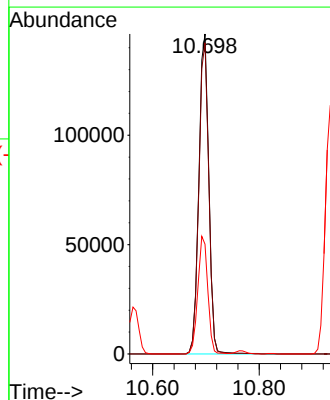
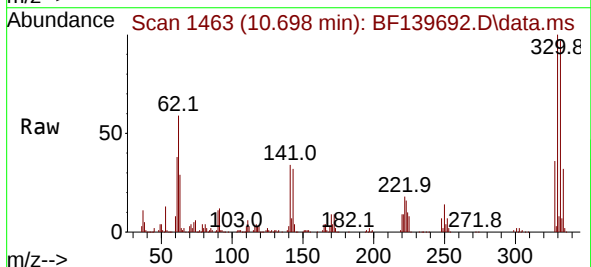
Instrument :
BNA_F
ClientSampleId :
IB-4MS

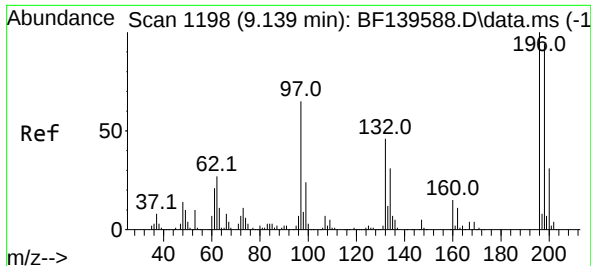
Tgt Ion:237 Resp: 267990
Ion Ratio Lower Upper
237 100
235 61.9 42.5 82.5
272 11.8 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 97.273 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:330 Resp: 190239
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 36.7 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 46.799 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

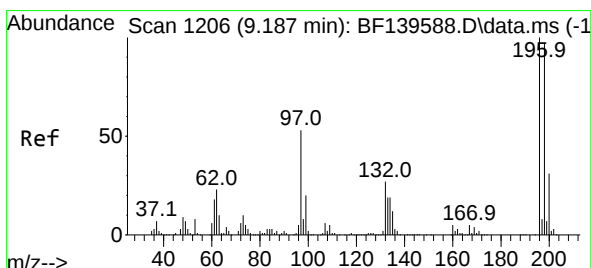
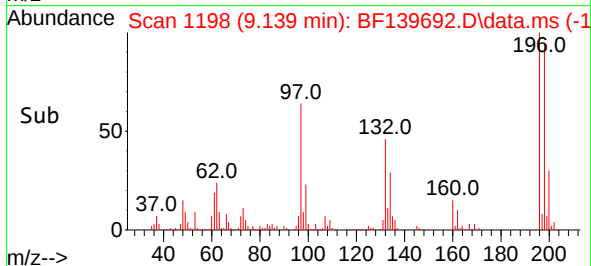
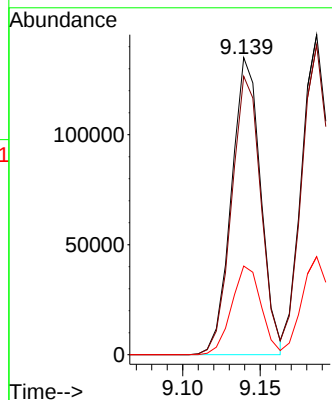
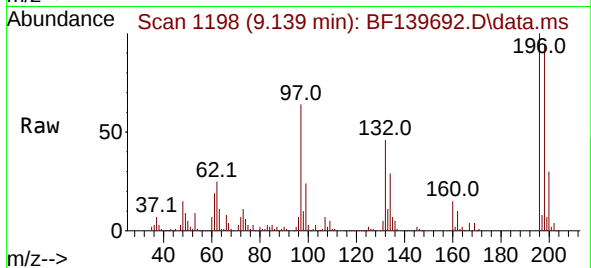
Tgt Ion:196 Resp: 177486

Ion Ratio Lower Upper

196 100

198 93.7 75.2 112.8

200 29.8 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 44.847 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Tgt Ion:196 Resp: 183417

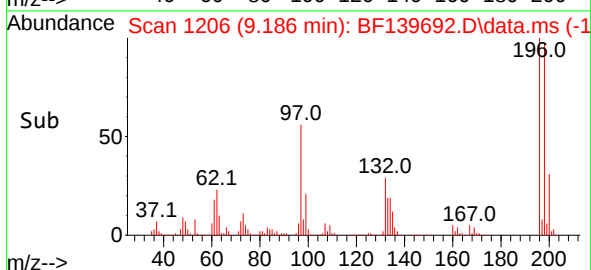
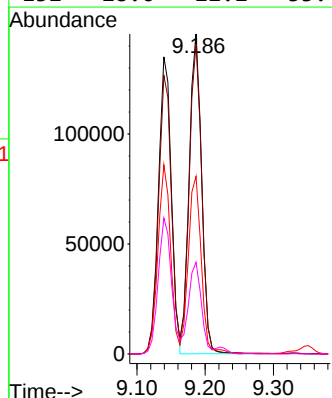
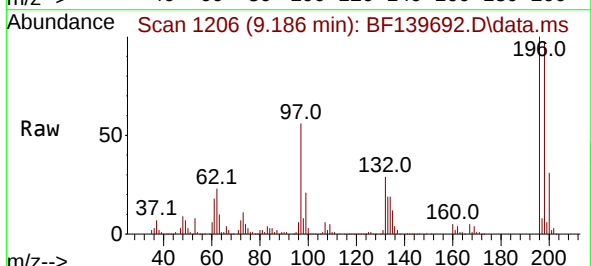
Ion Ratio Lower Upper

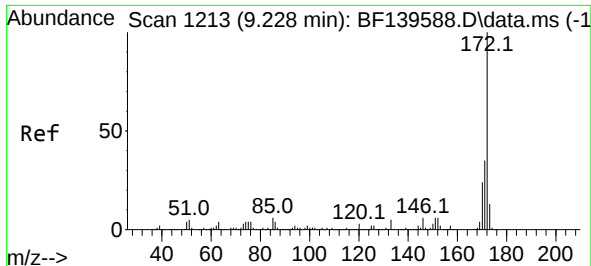
196 100

198 96.8 77.5 116.3

97 55.5 43.1 64.7

132 28.6 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 64.927 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

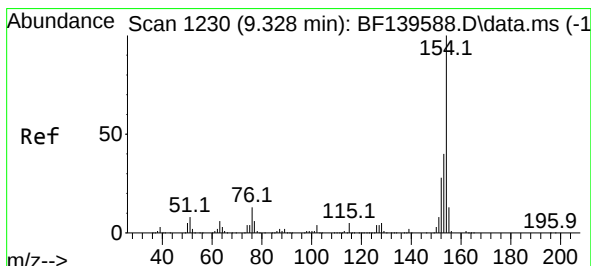
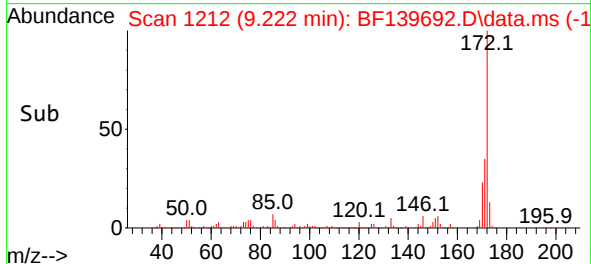
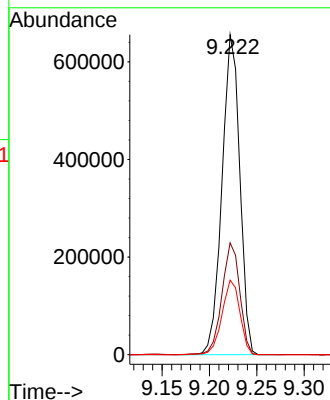
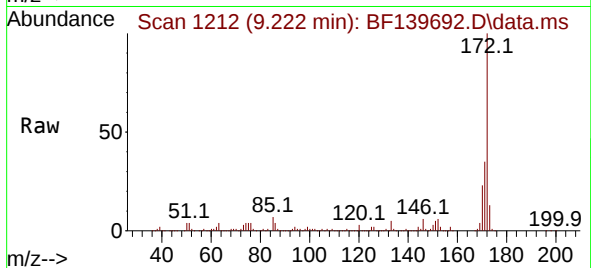
Tgt Ion:172 Resp: 856823

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.4

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 43.830 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

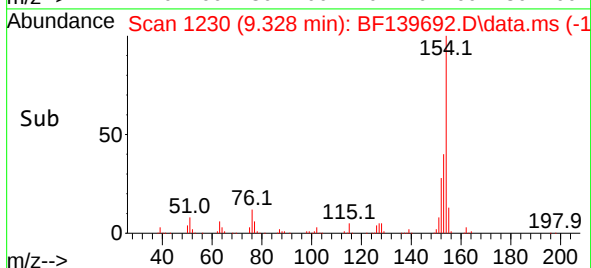
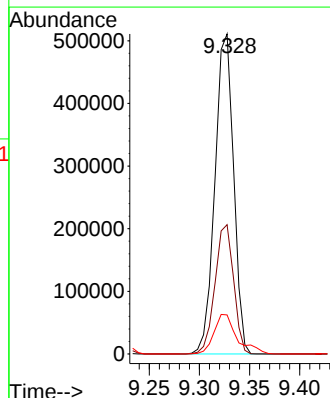
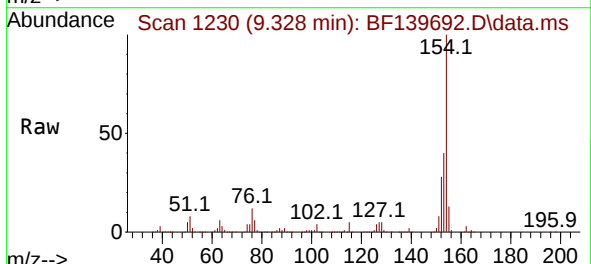
Tgt Ion:154 Resp: 660438

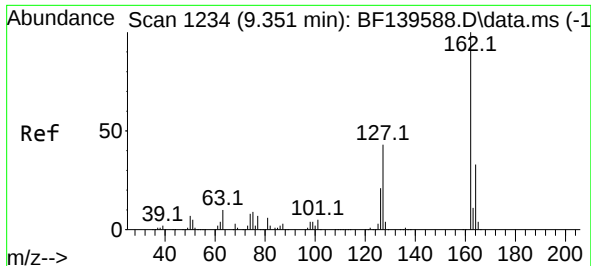
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 12.2 0.0 32.6

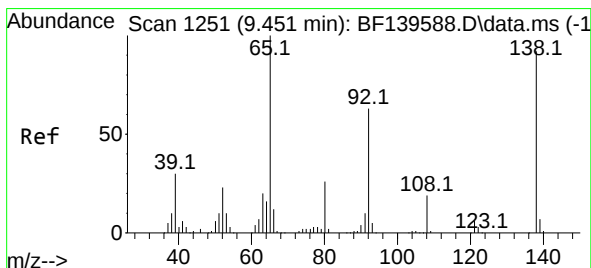
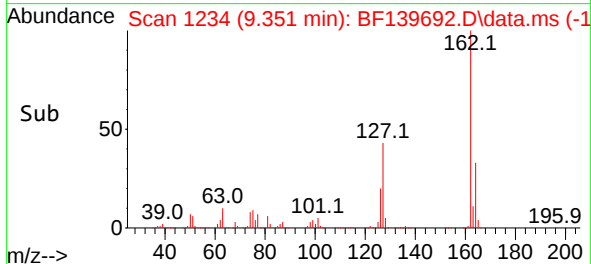
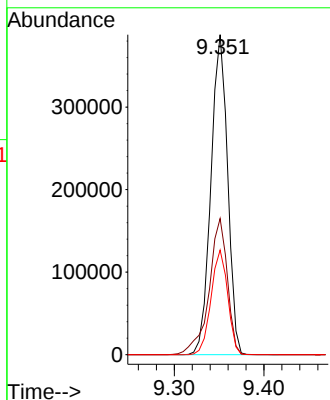
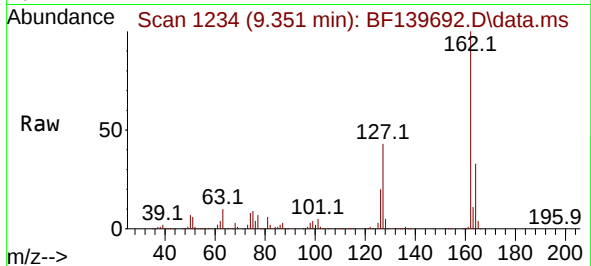




#47
2-Chloronaphthalene
Concen: 44.305 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

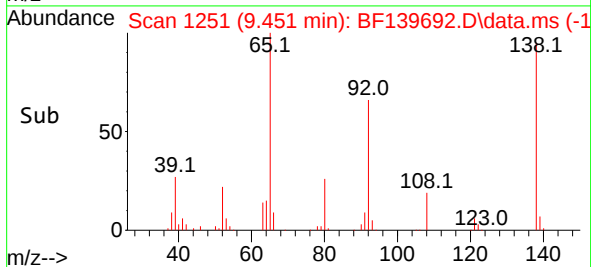
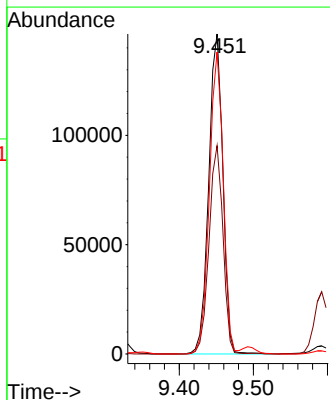
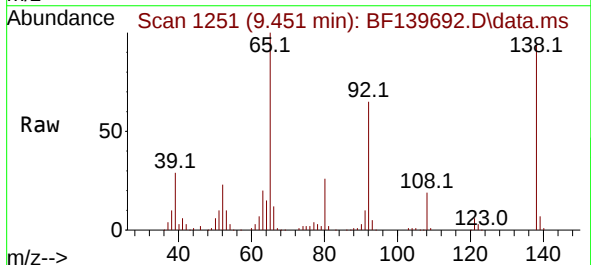
Instrument :
BNA_F
ClientSampleId :
IB-4MS

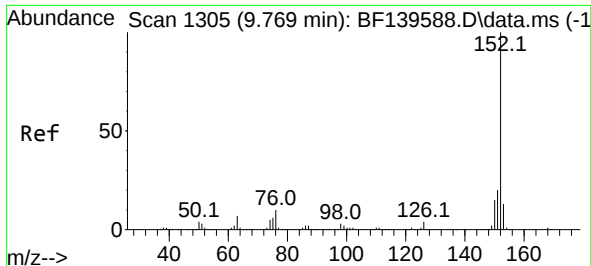
Tgt Ion:162 Resp: 500477
Ion Ratio Lower Upper
162 100
127 42.6 35.0 52.4
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 47.819 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion: 65 Resp: 193908
Ion Ratio Lower Upper
65 100
92 65.1 50.0 75.0
138 94.4 73.8 110.8





#49

Acenaphthylene

Concen: 48.691 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

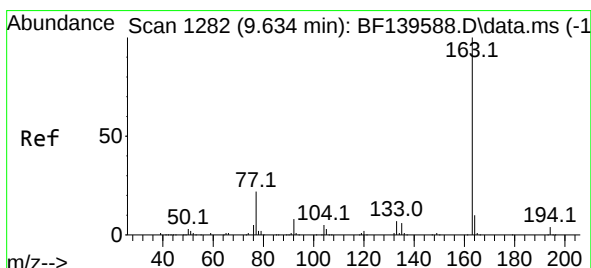
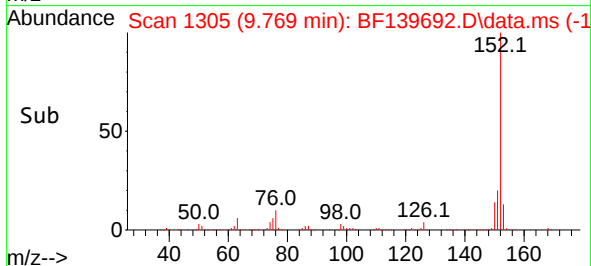
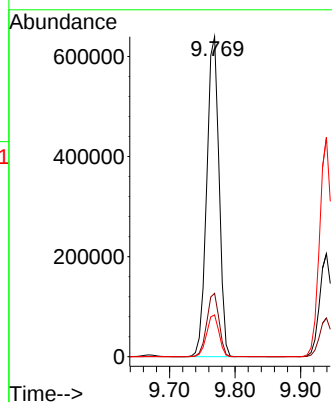
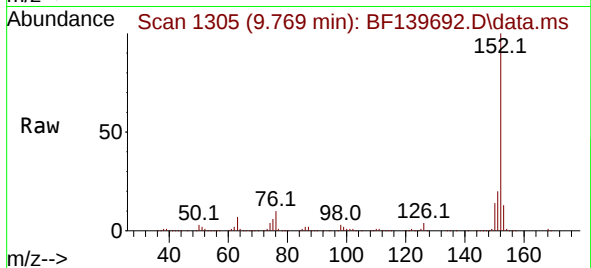
Tgt Ion:152 Resp: 836474

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 46.863 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

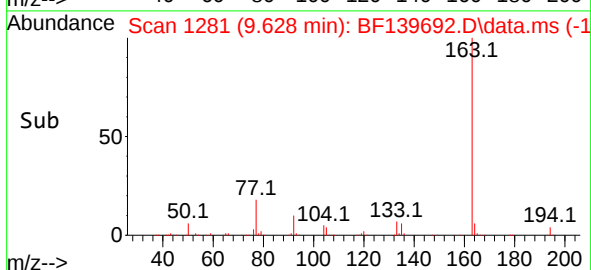
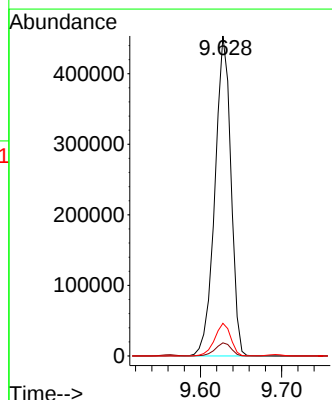
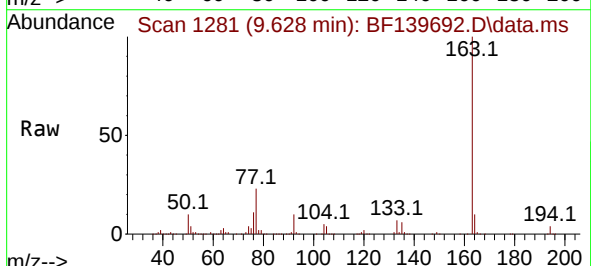
Tgt Ion:163 Resp: 621501

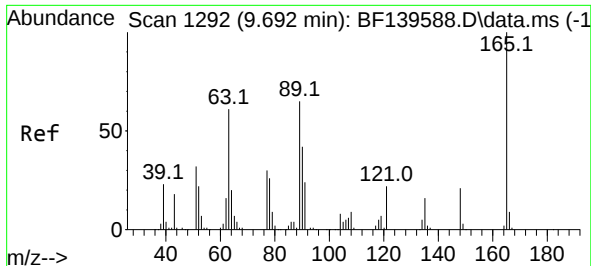
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.1 12.1

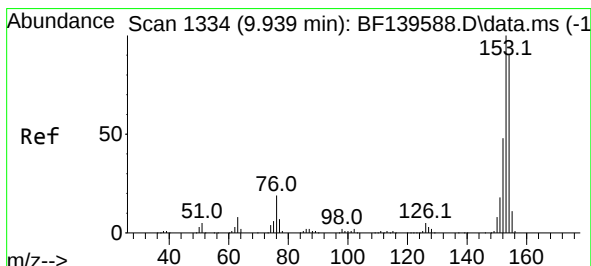
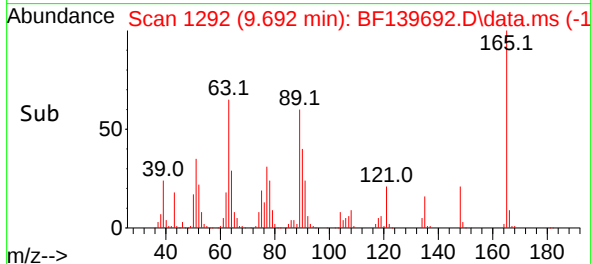
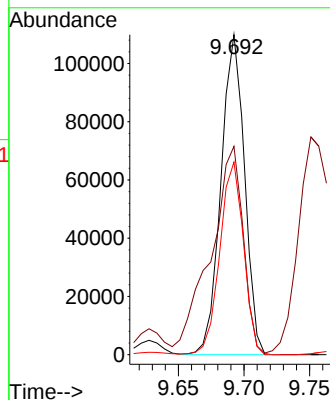
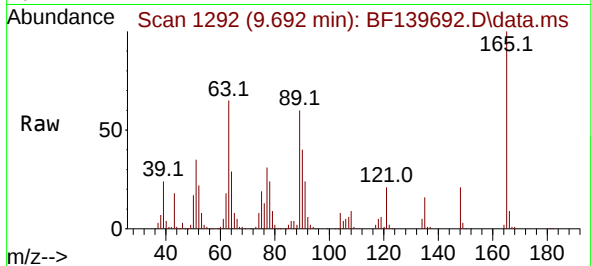




#51
2,6-Dinitrotoluene
Concen: 45.706 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

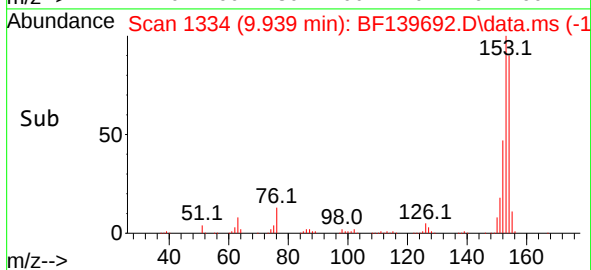
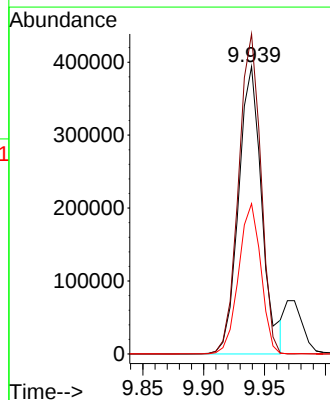
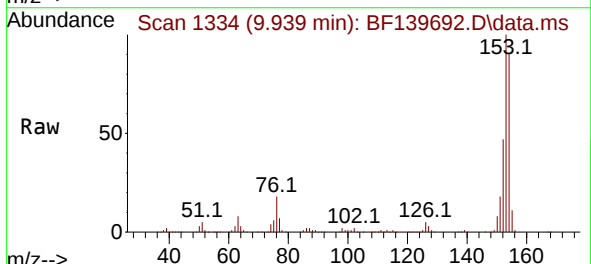
Instrument :
BNA_F
ClientSampleId :
IB-4MS

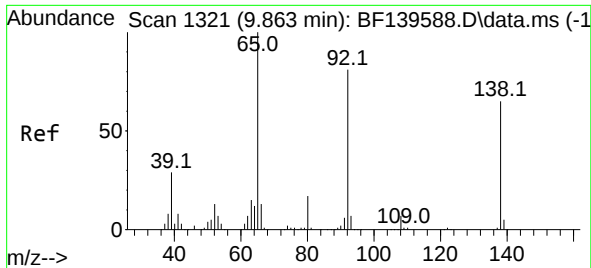
Tgt Ion:165 Resp: 136927
Ion Ratio Lower Upper
165 100
63 65.1 56.7 85.1
89 60.2 51.6 77.4



#52
Acenaphthene
Concen: 44.340 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:154 Resp: 522924
Ion Ratio Lower Upper
154 100
153 111.4 88.8 133.2
152 52.3 42.5 63.7

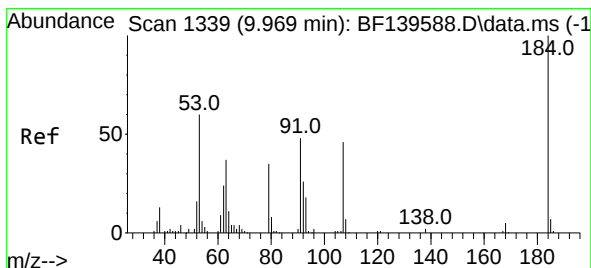
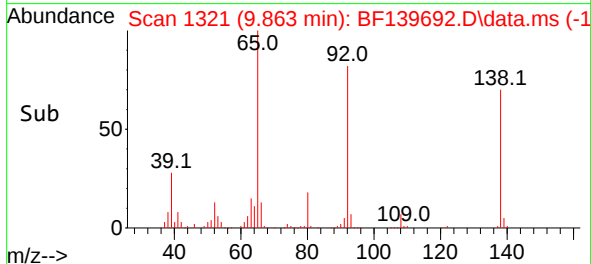
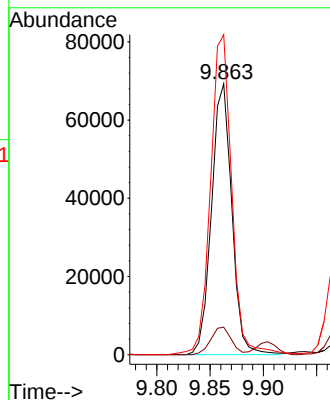
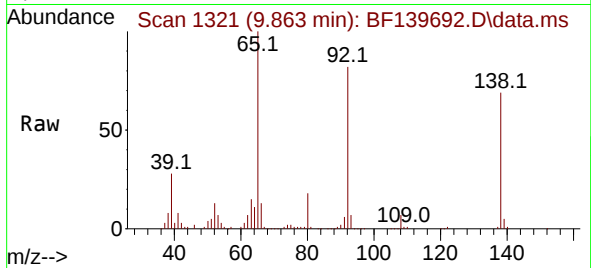




#53
3-Nitroaniline
Concen: 29.882 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

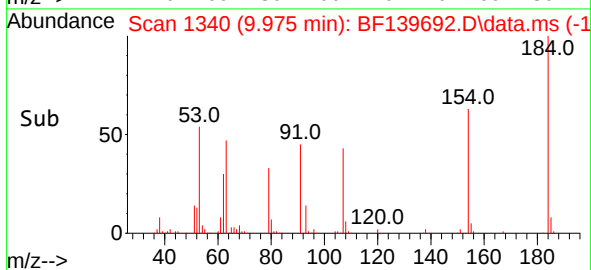
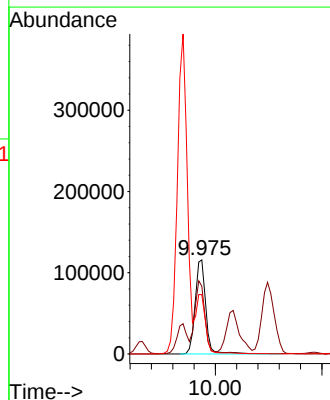
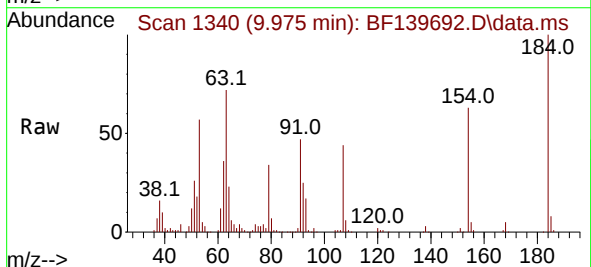
Instrument :
BNA_F
ClientSampleId :
IB-4MS

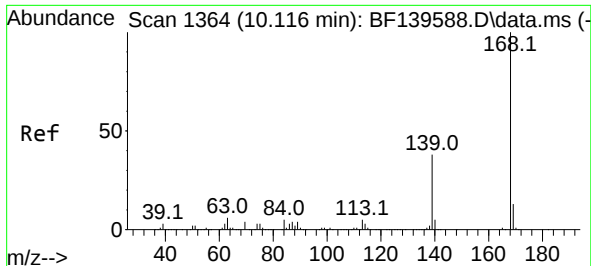
Tgt Ion:138 Resp: 91483
Ion Ratio Lower Upper
138 100
108 10.2 8.8 13.2
92 118.2 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 100.437 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:184 Resp: 161839
Ion Ratio Lower Upper
184 100
63 72.1 61.7 92.5
154 63.2 53.0 79.4

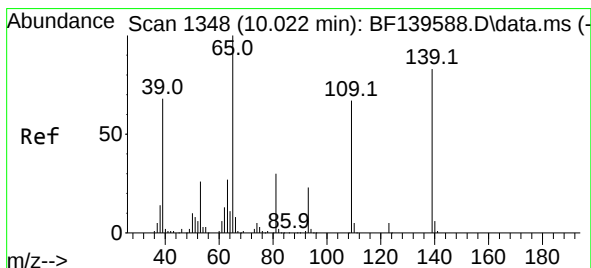
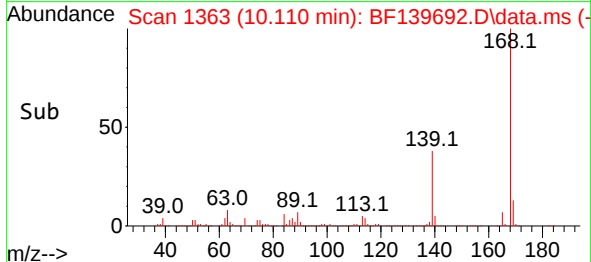
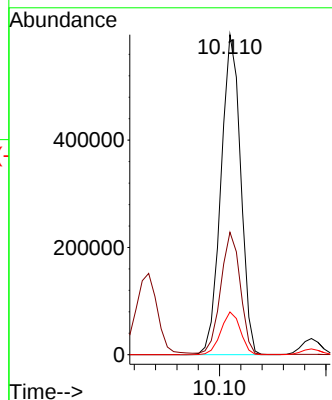
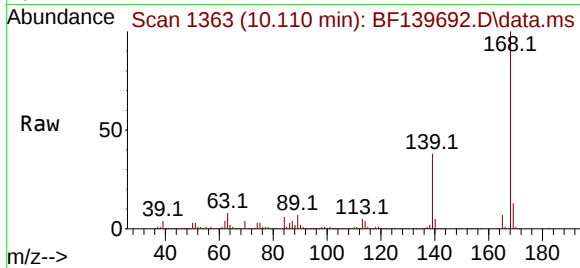




#55
Dibenzofuran
Concen: 46.307 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

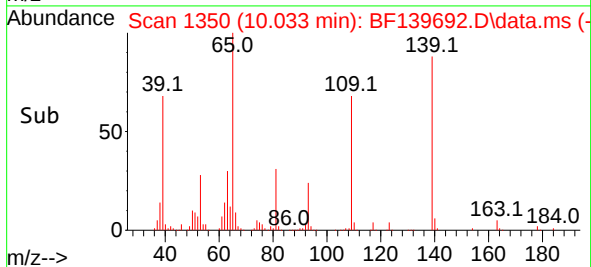
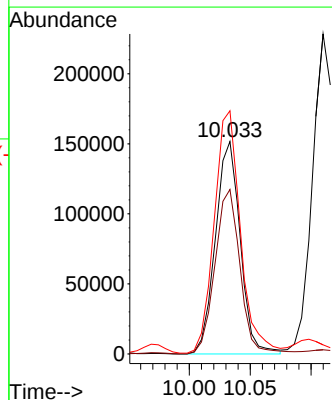
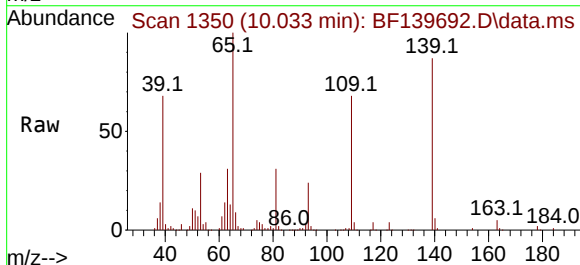
Instrument :
BNA_F
ClientSampleId :
IB-4MS

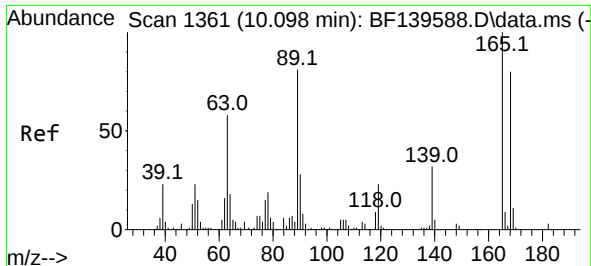
Tgt Ion:168 Resp: 764648
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 92.271 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:139 Resp: 215420
Ion Ratio Lower Upper
139 100
109 77.4 60.3 100.3
65 114.4 100.8 140.8

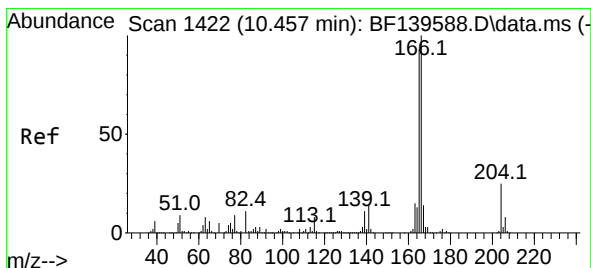
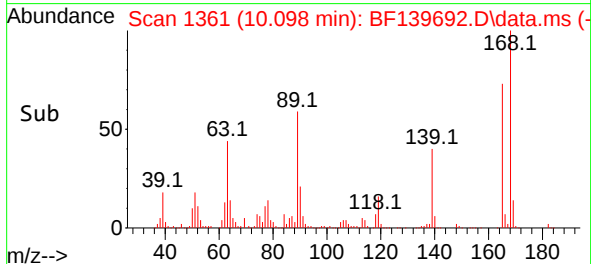
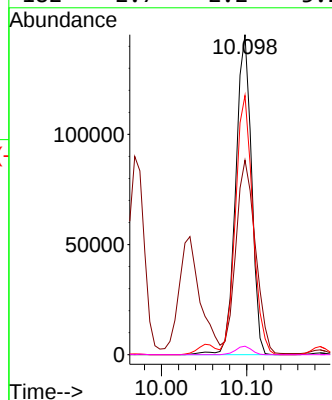
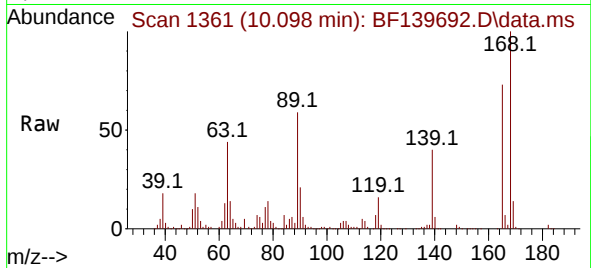




#57
2,4-Dinitrotoluene
Concen: 47.914 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

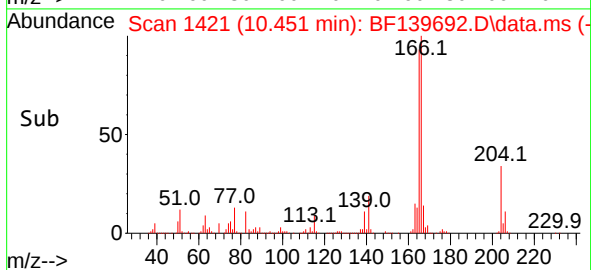
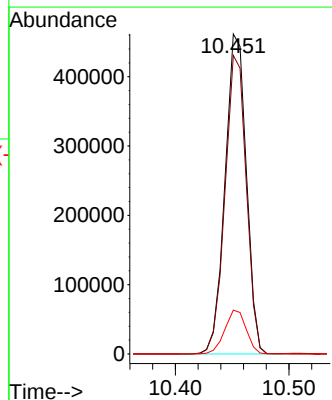
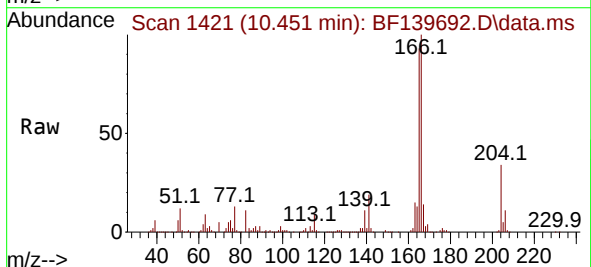
Instrument :
BNA_F
ClientSampleId :
IB-4MS

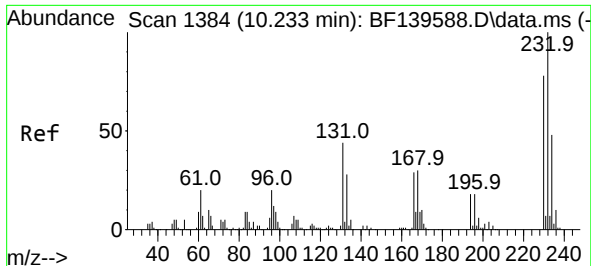
Tgt Ion:165 Resp: 187625
Ion Ratio Lower Upper
165 100
63 60.8 46.9 70.3
89 81.0 64.4 96.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 45.743 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:166 Resp: 601612
Ion Ratio Lower Upper
166 100
165 93.3 74.4 111.6
167 13.7 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.389 ng

RT: 10.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:232 Resp: 159843

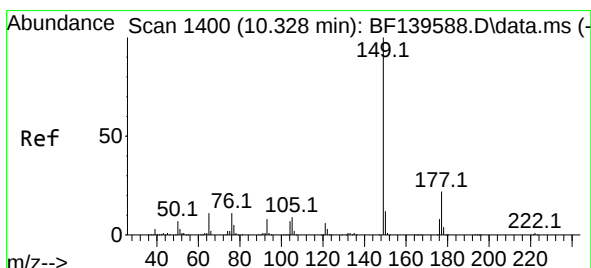
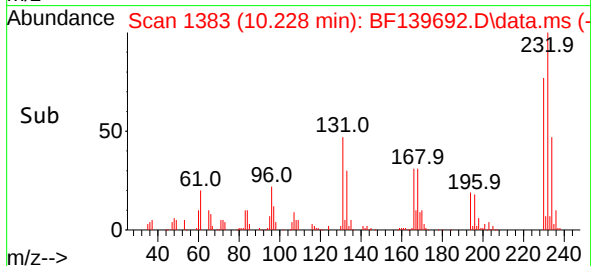
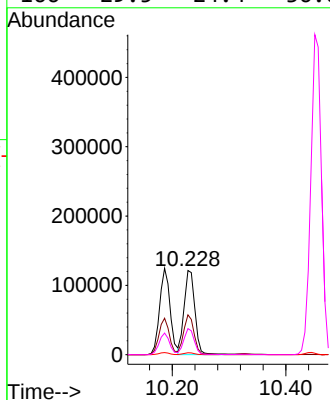
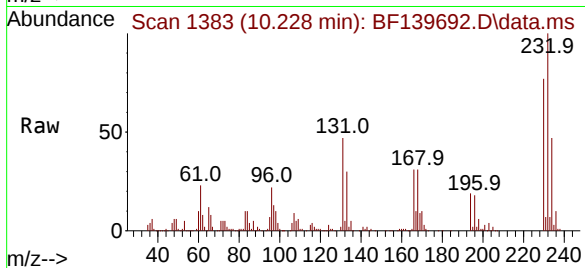
Ion Ratio Lower Upper

232 100

131 45.4 37.8 56.6

130 2.3 1.9 2.9

166 29.5 24.4 36.6



#60

Diethylphthalate

Concen: 46.005 ng

RT: 10.328 min Scan# 1400

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

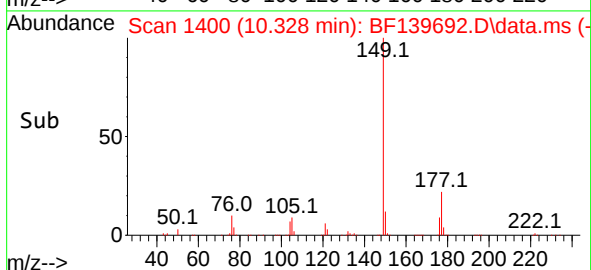
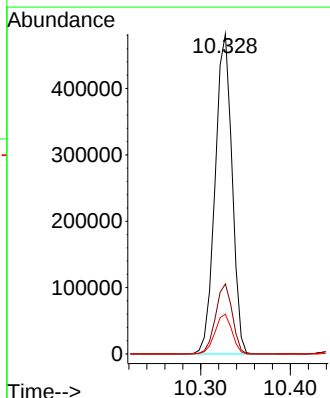
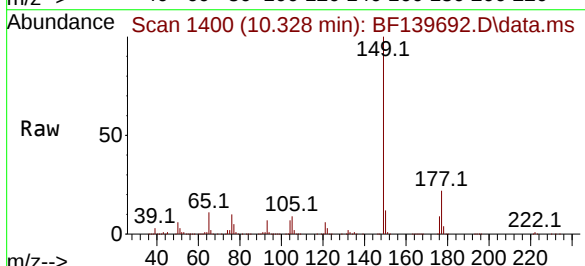
Tgt Ion:149 Resp: 630182

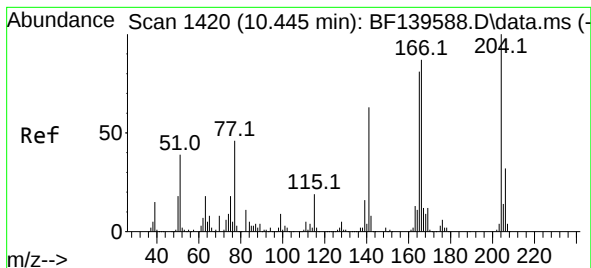
Ion Ratio Lower Upper

149 100

177 21.9 17.4 26.0

150 12.4 10.0 15.0

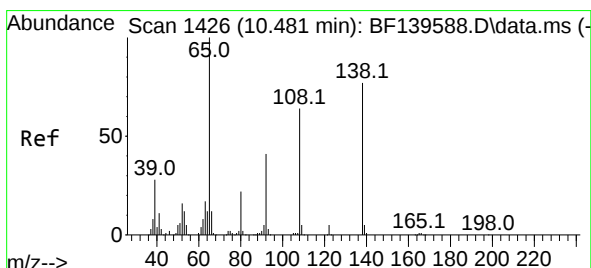
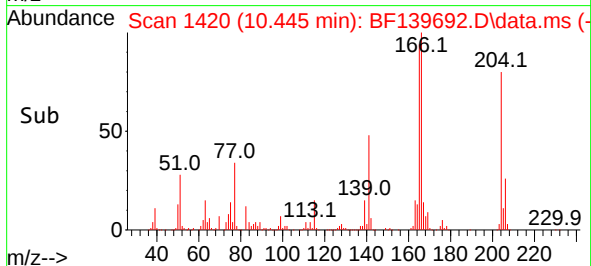
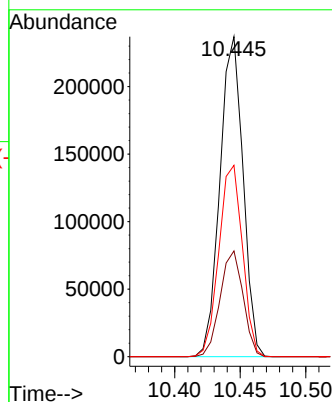
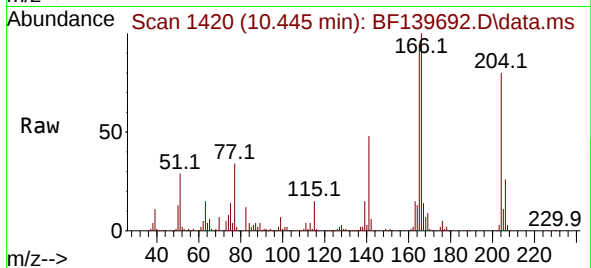




#61
4-Chlorophenyl-phenylether
Concen: 44.121 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

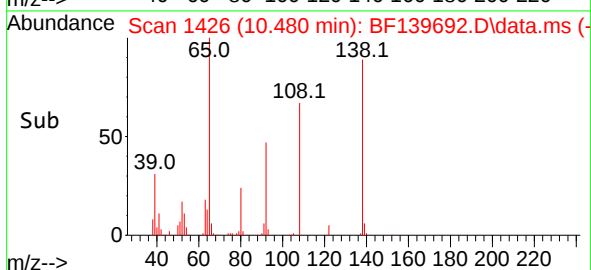
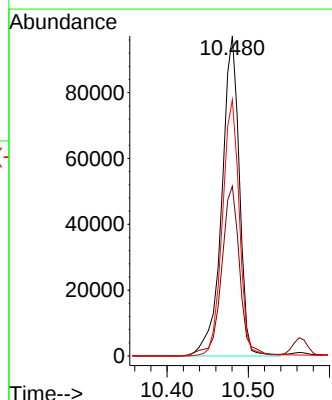
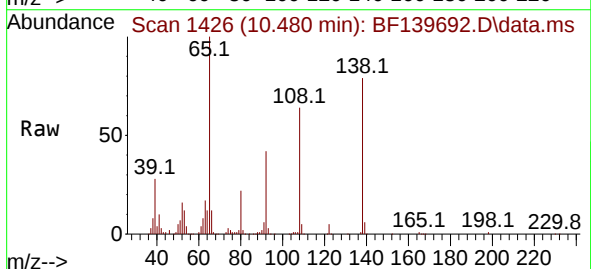
Instrument :
BNA_F
ClientSampleId :
IB-4MS

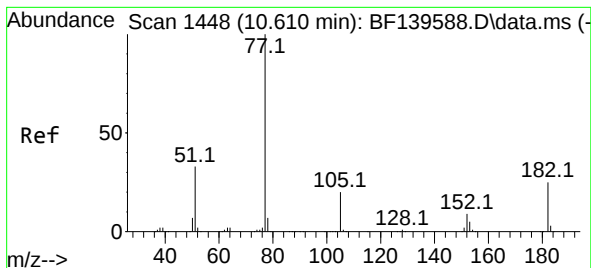
Tgt Ion:204 Resp: 290305
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 59.8 50.5 75.7



#62
4-Nitroaniline
Concen: 46.788 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:138 Resp: 146517
Ion Ratio Lower Upper
138 100
92 53.0 33.3 73.3
108 80.1 62.1 102.1





#63

Azobenzene

Concen: 53.302 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion: 77 Resp: 734265

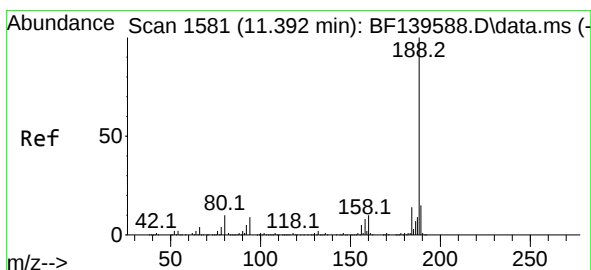
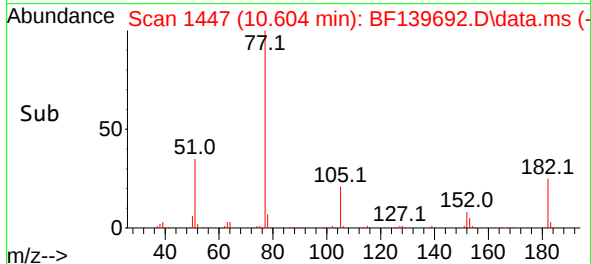
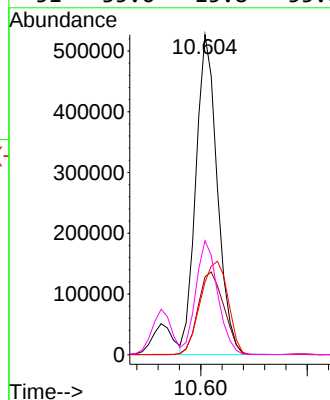
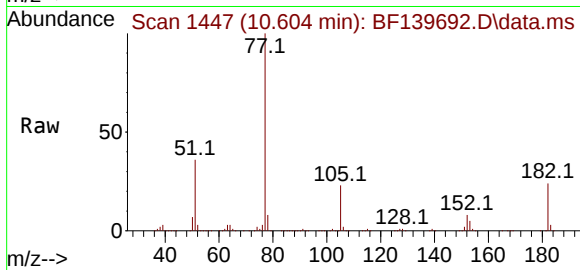
Ion Ratio Lower Upper

77 100

182 24.4 4.2 44.2

105 22.6 0.0 39.6

51 35.6 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

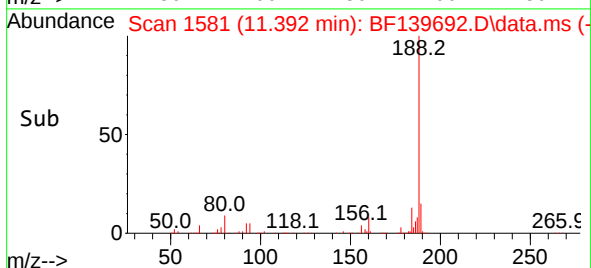
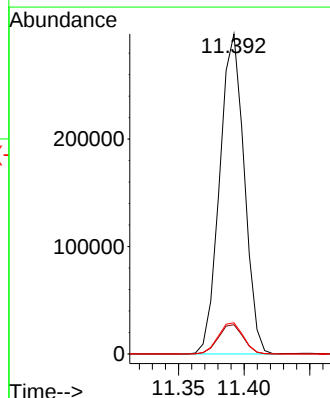
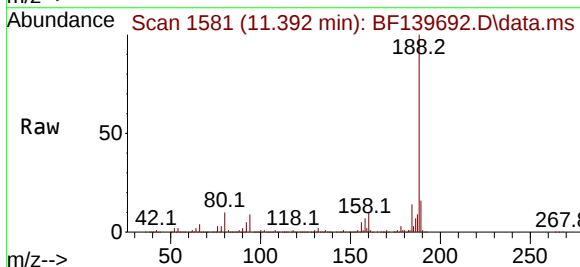
Tgt Ion:188 Resp: 387701

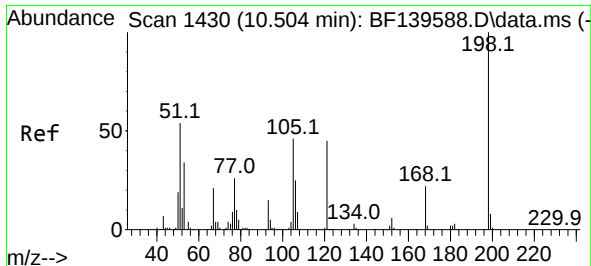
Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 9.8 8.2 12.2

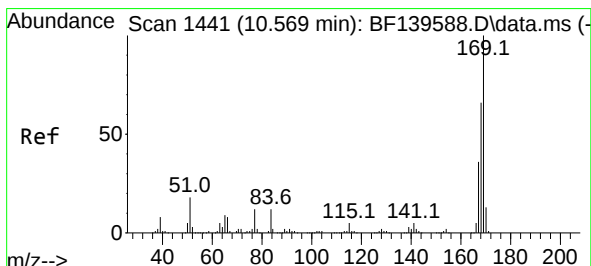
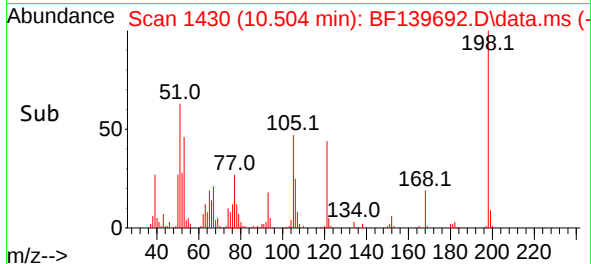
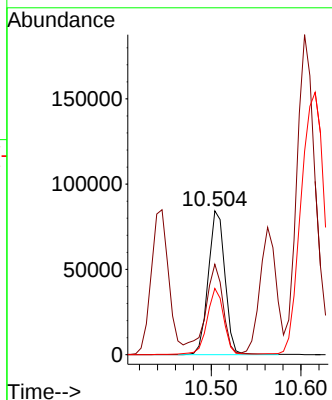
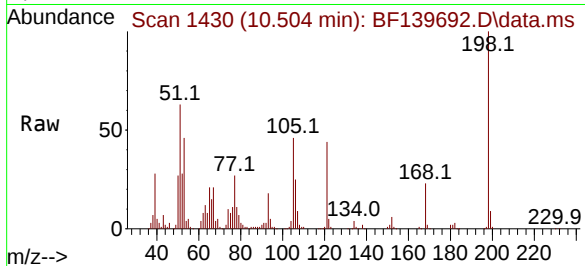




#65
4,6-Dinitro-2-methylphenol
Concen: 49.667 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

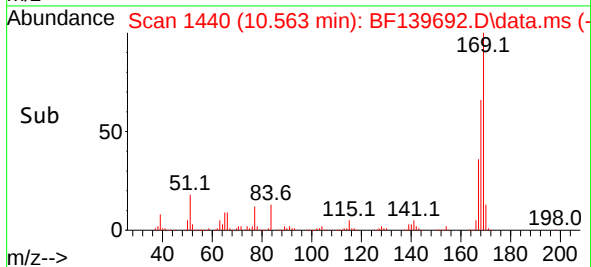
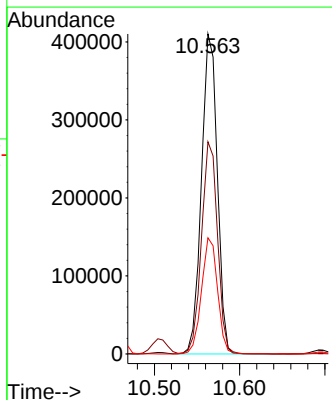
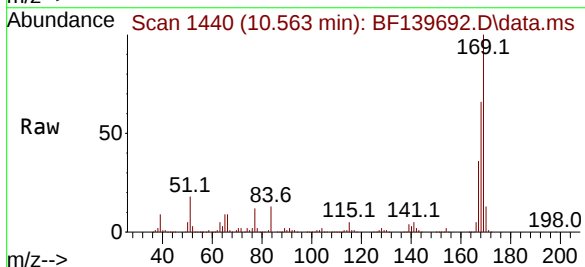
Instrument :
BNA_F
ClientSampleId :
IB-4MS

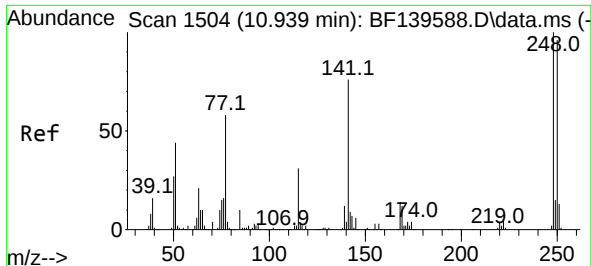
Tgt Ion:198 Resp: 108755
Ion Ratio Lower Upper
198 100
51 62.9 43.0 83.0
105 46.0 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 46.347 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:169 Resp: 529652
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.3 28.6 43.0

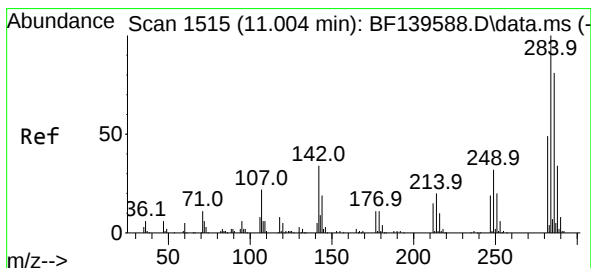
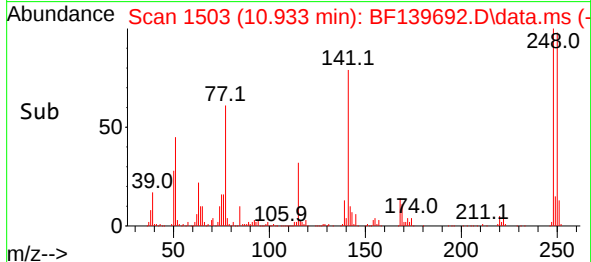
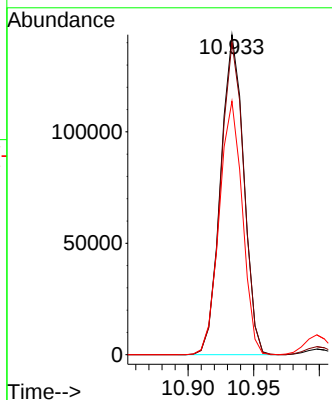
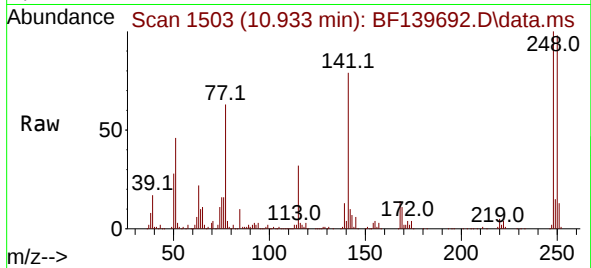




#67
4-Bromophenyl-phenylether
Concen: 44.249 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

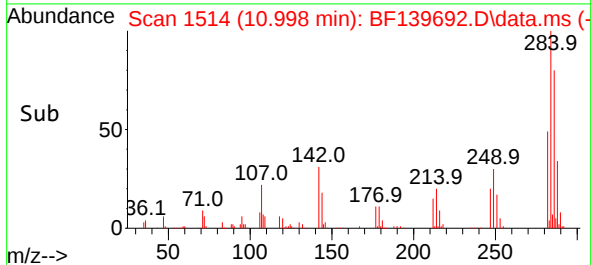
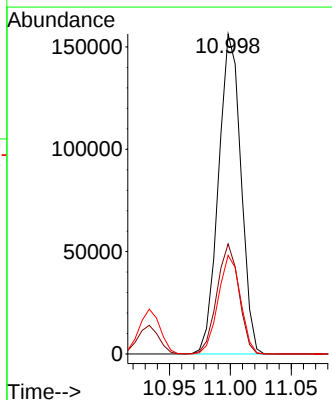
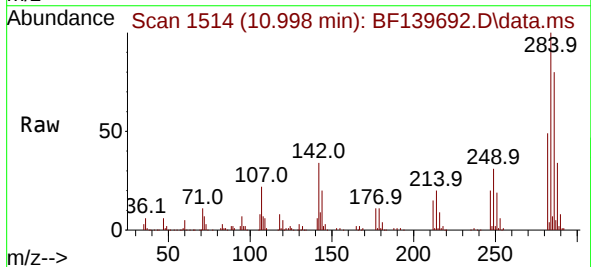
Instrument :
BNA_F
ClientSampleId :
IB-4MS

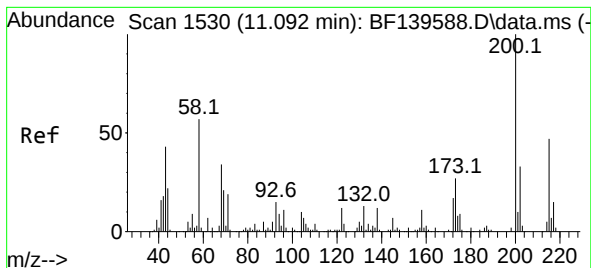
Tgt Ion:248 Resp: 175896
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 79.2 60.4 90.6



#68
Hexachlorobenzene
Concen: 45.439 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:284 Resp: 200432
Ion Ratio Lower Upper
284 100
142 34.4 26.9 40.3
249 30.8 25.4 38.0





#69

Atrazine

Concen: 57.130 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

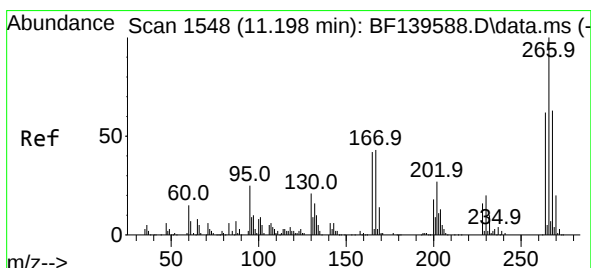
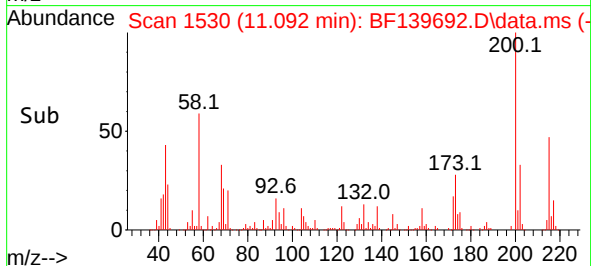
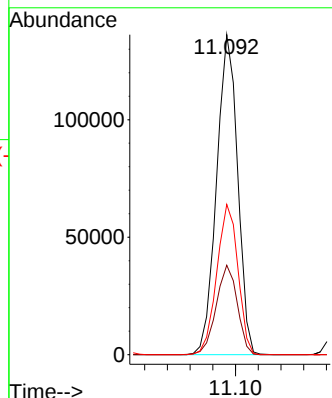
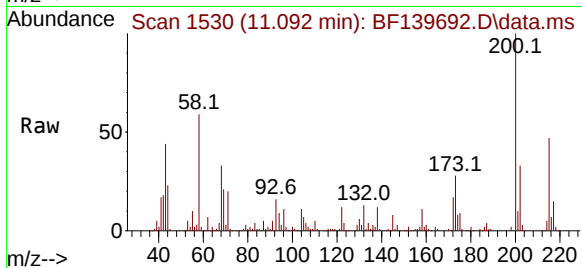
Tgt Ion:200 Resp: 175170

Ion Ratio Lower Upper

200 100

173 28.0 6.7 46.7

215 46.9 27.5 67.5



#70

Pentachlorophenol

Concen: 85.548 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

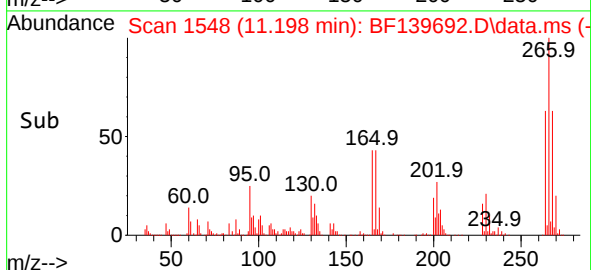
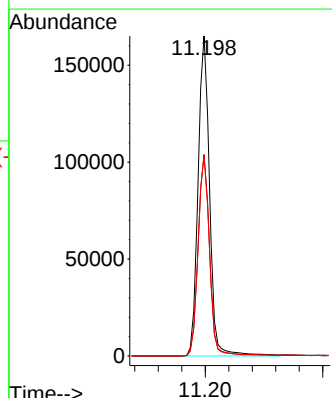
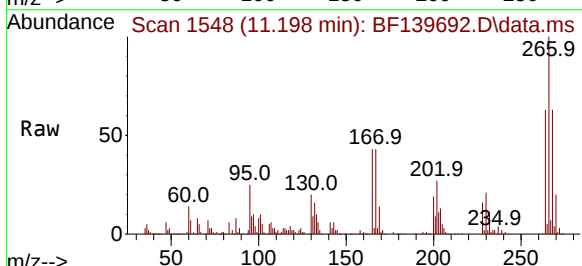
Tgt Ion:266 Resp: 224693

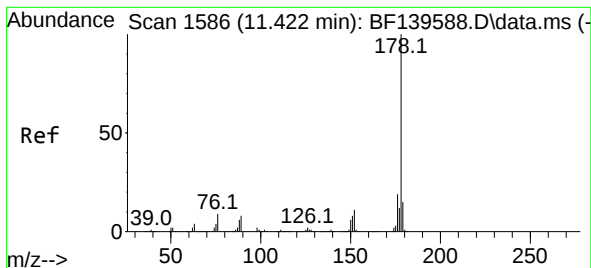
Ion Ratio Lower Upper

266 100

268 63.0 50.0 75.0

264 62.8 49.3 73.9





#71

Phenanthrene

Concen: 48.142 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

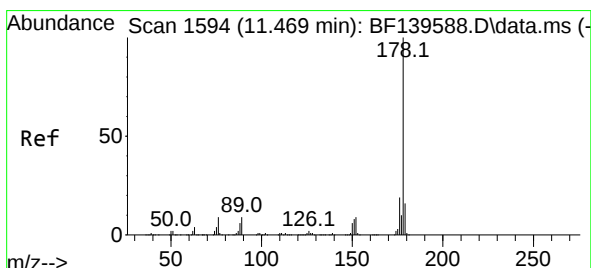
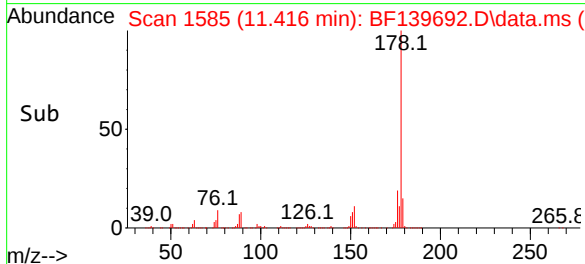
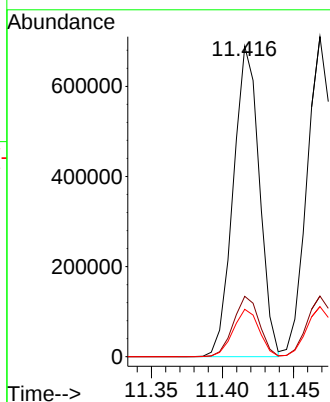
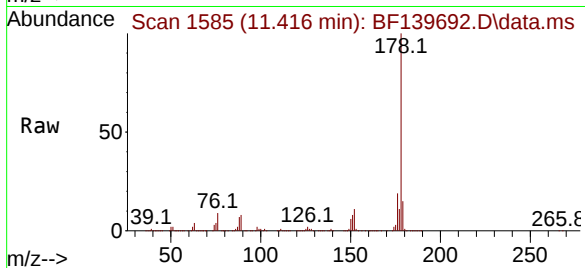
Tgt Ion:178 Resp: 880058

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.2 12.3 18.5



#72

Anthracene

Concen: 49.617 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

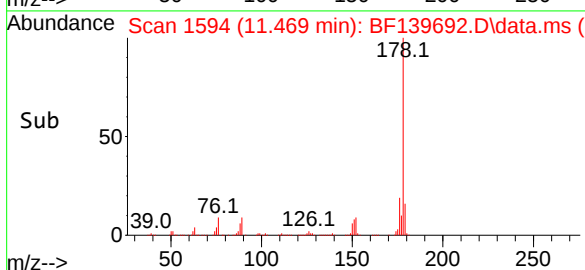
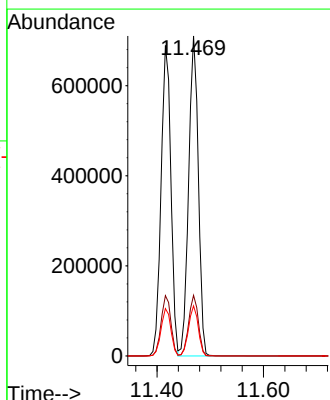
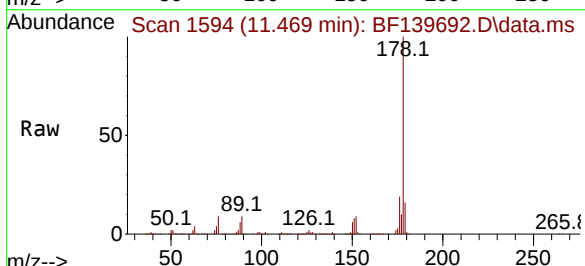
Tgt Ion:178 Resp: 897314

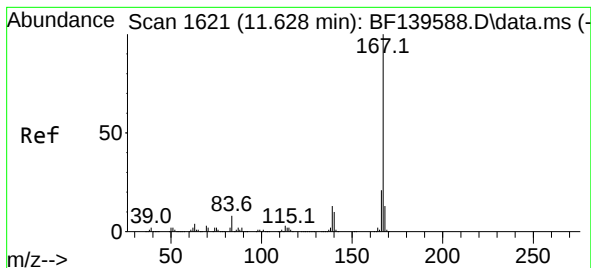
Ion Ratio Lower Upper

178 100

176 19.0 15.1 22.7

179 15.7 12.5 18.7





#73

Carbazole

Concen: 47.177 ng

RT: 11.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

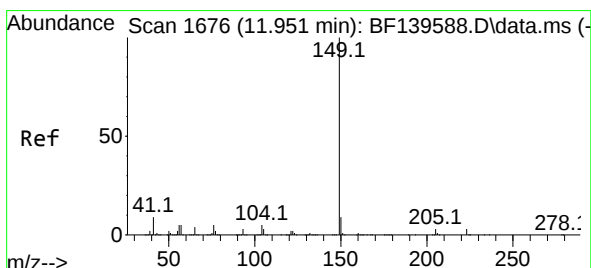
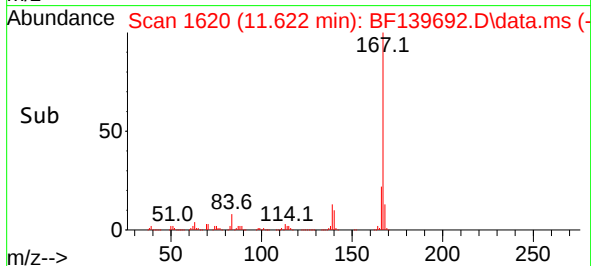
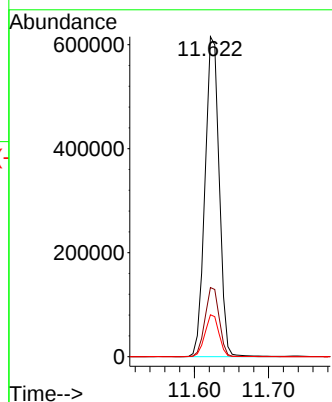
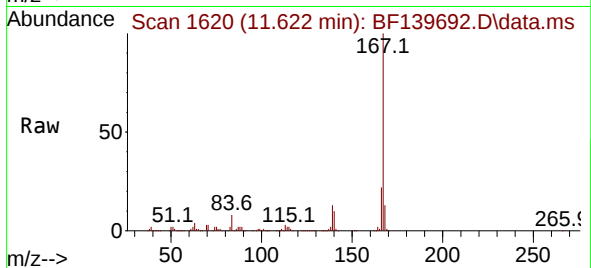
Tgt Ion:167 Resp: 819449

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 46.688 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

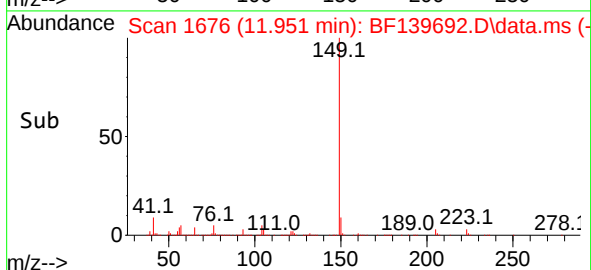
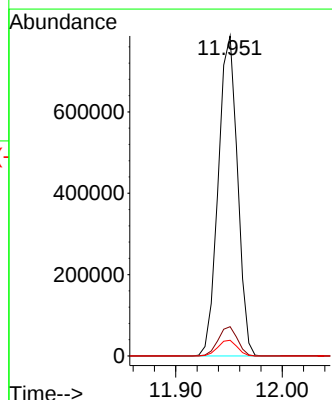
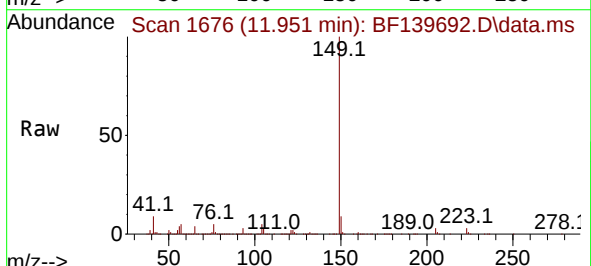
Tgt Ion:149 Resp: 986144

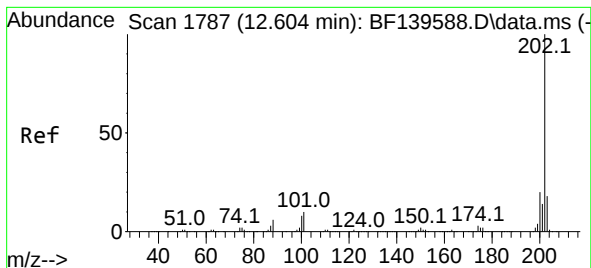
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 46.312 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

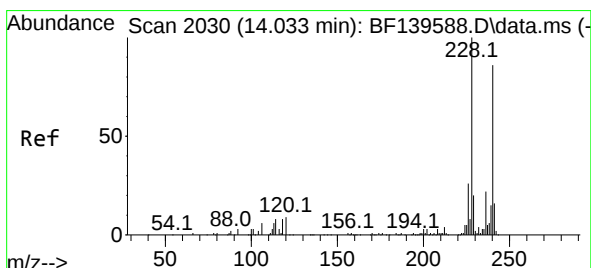
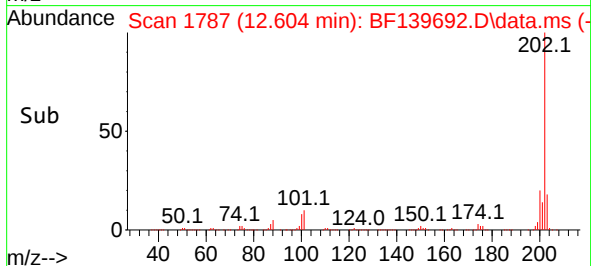
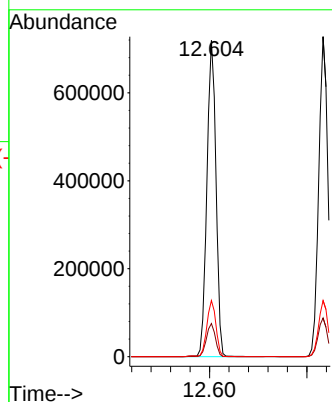
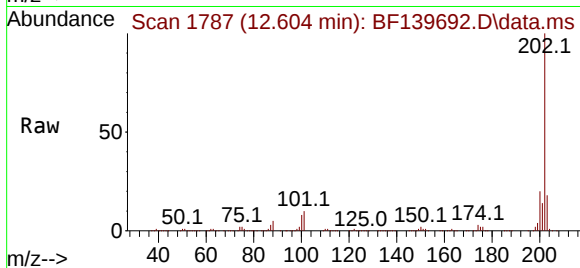
Tgt Ion:202 Resp: 925465

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.2

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

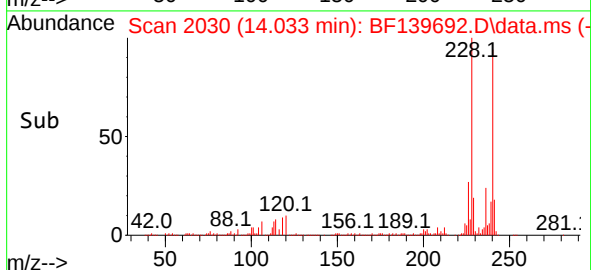
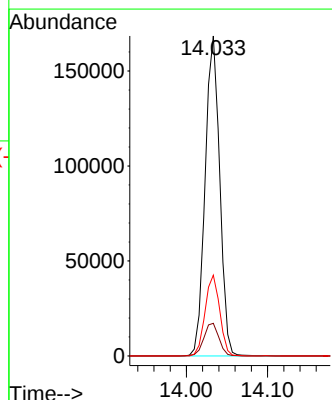
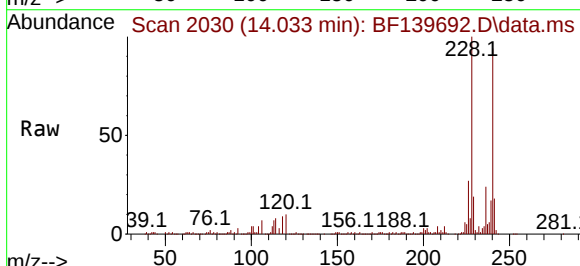
Tgt Ion:240 Resp: 209779

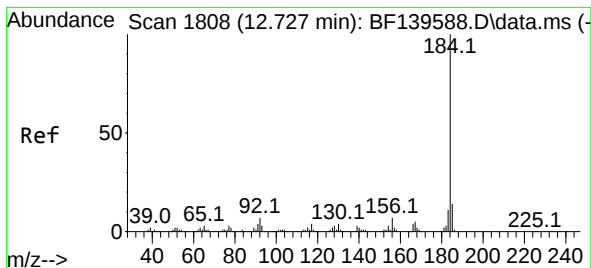
Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

236 25.3 20.3 30.5





#77

Benzidine

Concen: 21.448 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

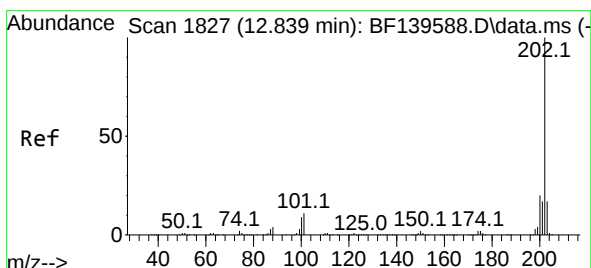
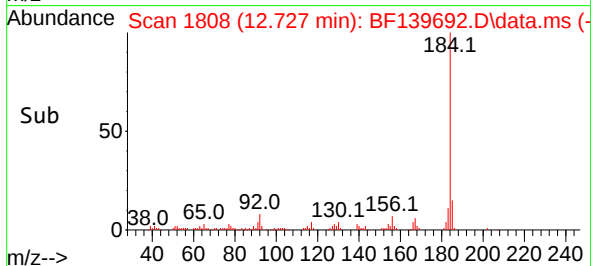
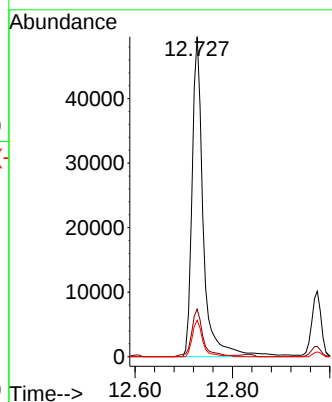
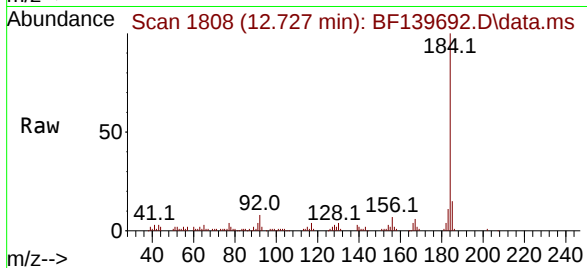
Tgt Ion:184 Resp: 79363

Ion Ratio Lower Upper

184 100

185 14.8 11.4 17.0

183 11.4 8.8 13.2



#78

Pyrene

Concen: 50.220 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

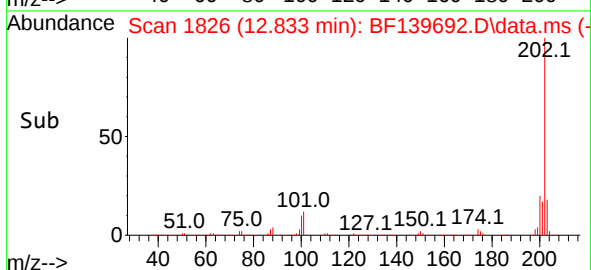
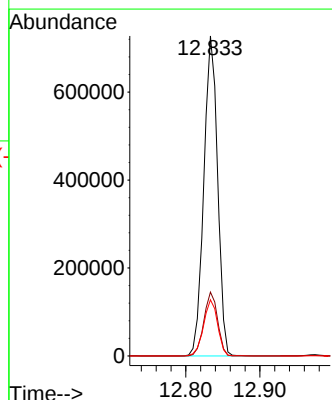
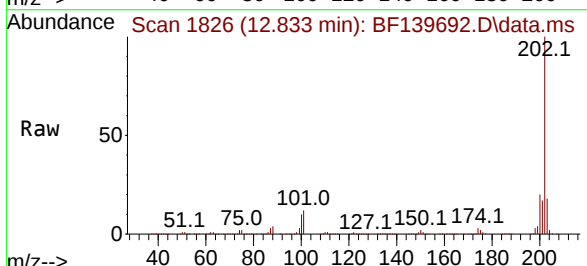
Tgt Ion:202 Resp: 942252

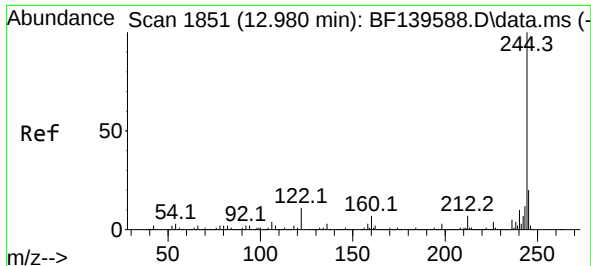
Ion Ratio Lower Upper

202 100

200 20.0 15.8 23.6

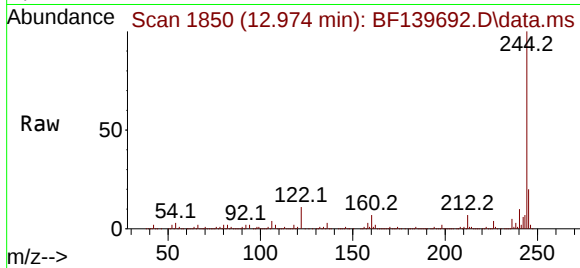
203 17.5 13.8 20.8



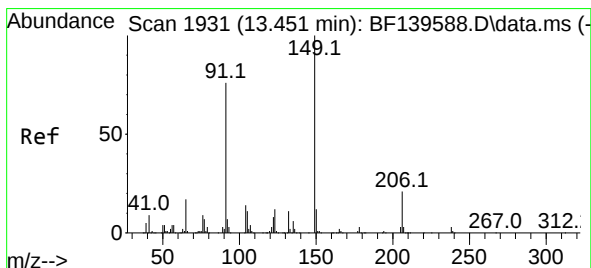
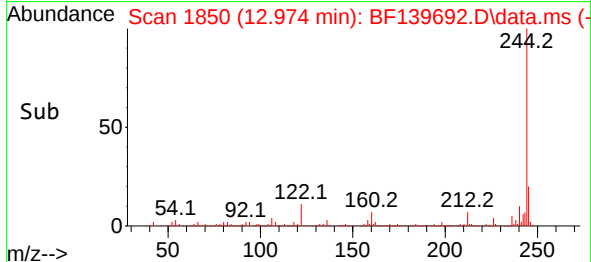
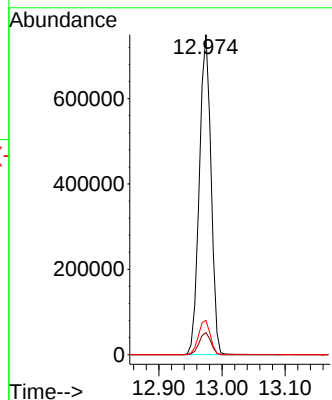


#79
 Terphenyl-d14
 Concen: 75.226 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59

Instrument :
 BNA_F
 ClientSampleId :
 IB-4MS

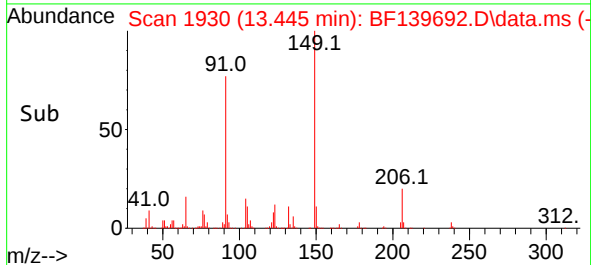
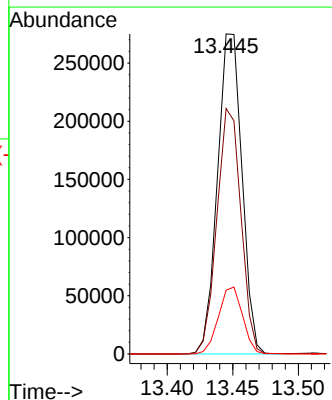
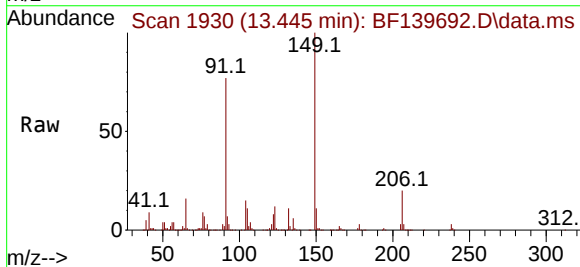


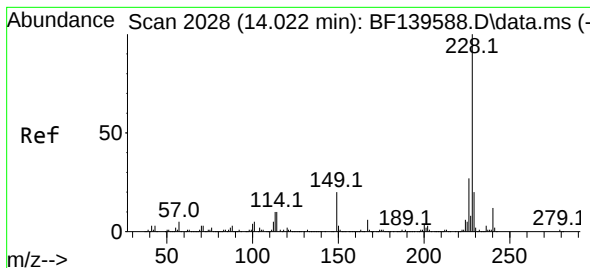
Tgt Ion:244 Resp: 961754
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 10.7 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 53.289 ng
 RT: 13.445 min Scan# 1930
 Delta R.T. -0.006 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59

Tgt Ion:149 Resp: 357634
 Ion Ratio Lower Upper
 149 100
 91 76.7 61.0 91.4
 206 20.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 48.408 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

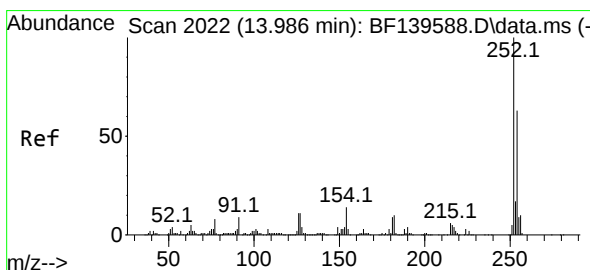
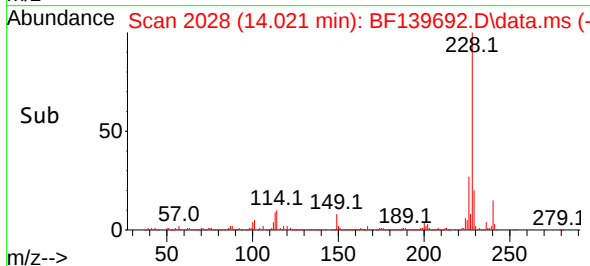
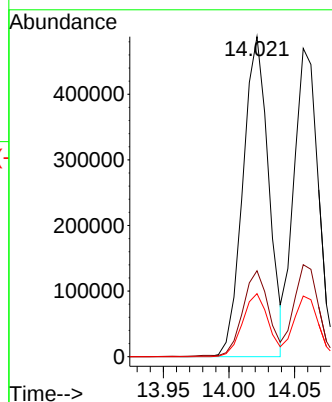
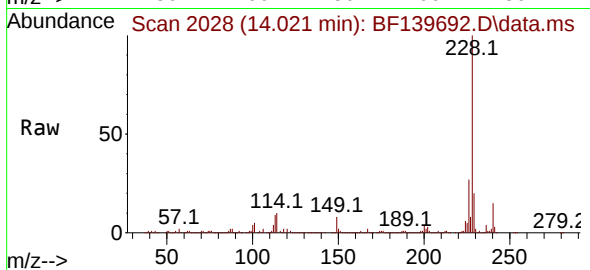
Tgt Ion:228 Resp: 667653

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 33.721 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

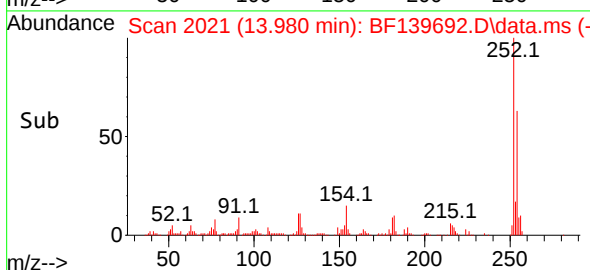
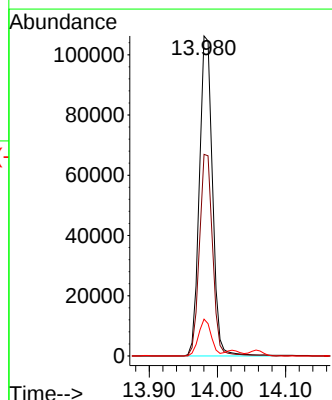
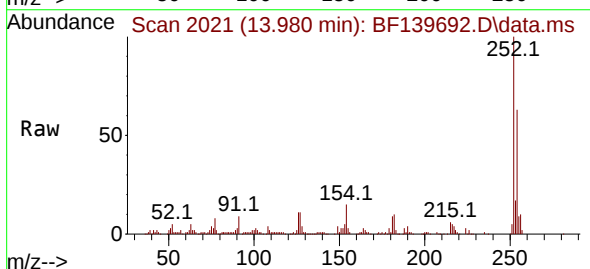
Tgt Ion:252 Resp: 142337

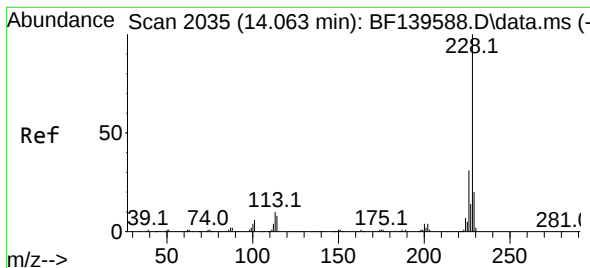
Ion Ratio Lower Upper

252 100

254 63.0 50.5 75.7

126 11.5 8.8 13.2





#83

Chrysene

Concen: 48.216 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

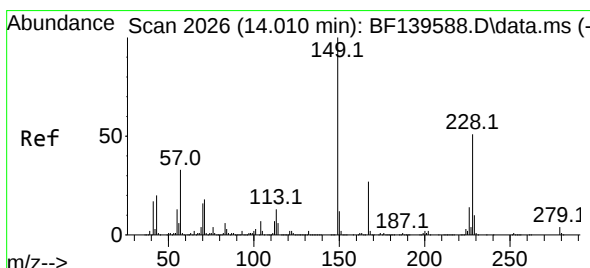
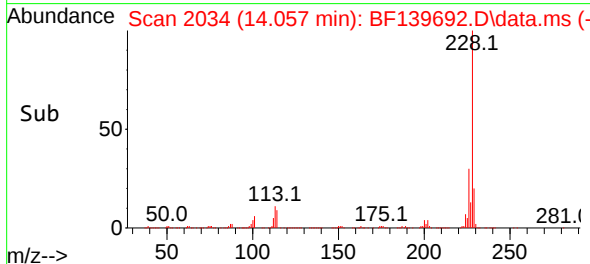
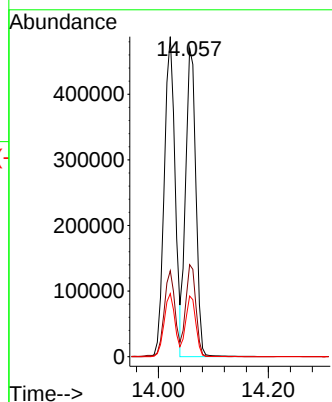
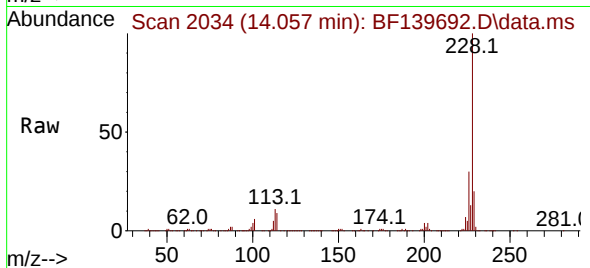
Tgt Ion:228 Resp: 607979

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.785 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

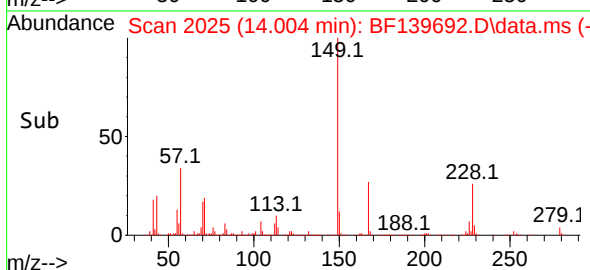
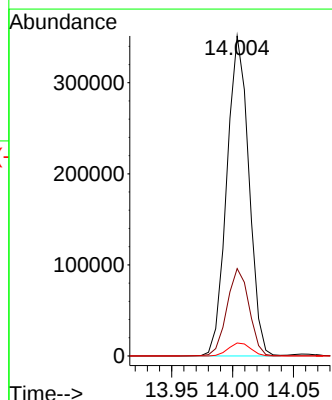
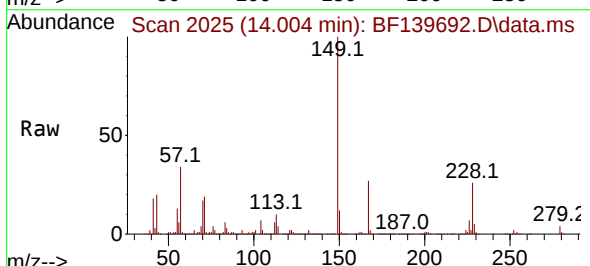
Tgt Ion:149 Resp: 442347

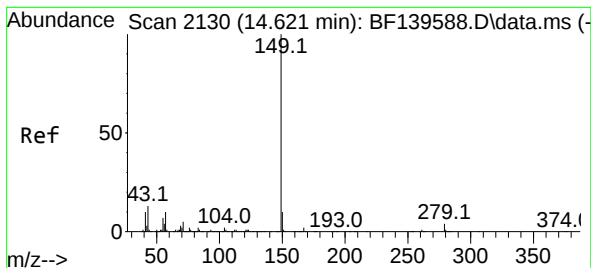
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 50.287 ng

RT: 14.615 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

Instrument :

BNA_F

ClientSampleId :

IB-4MS

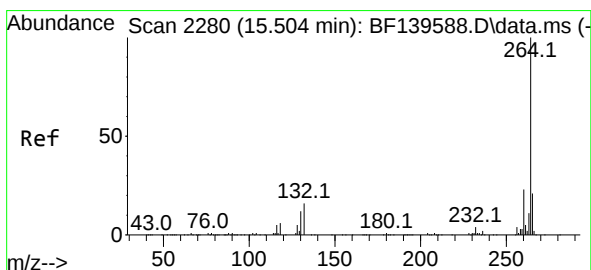
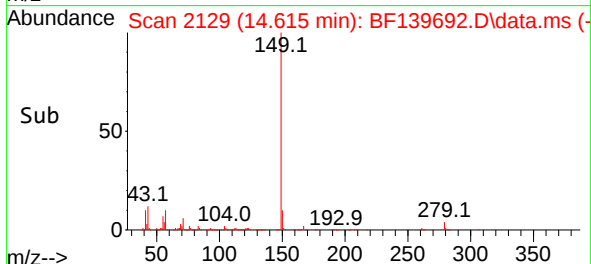
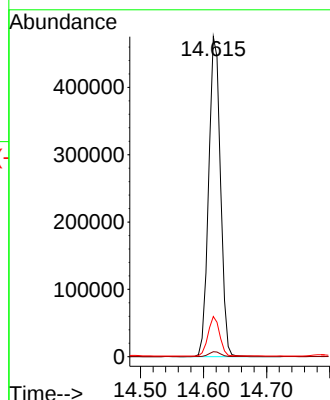
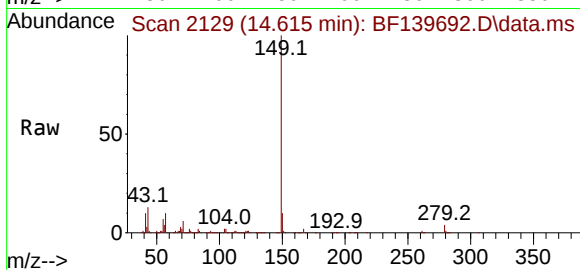
Tgt Ion:149 Resp: 619107

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.2 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139692.D

Acq: 07 Oct 2024 17:59

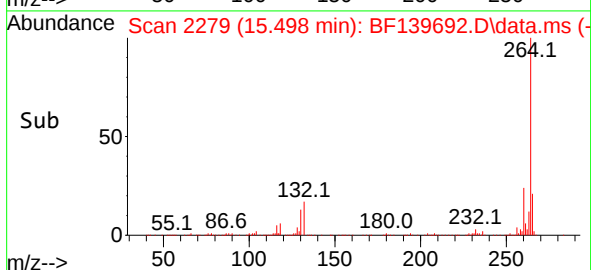
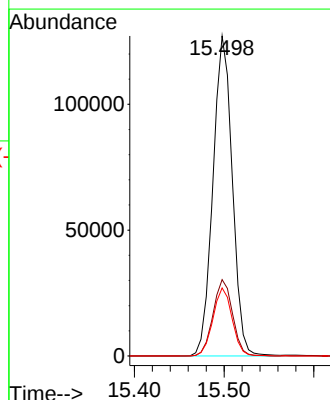
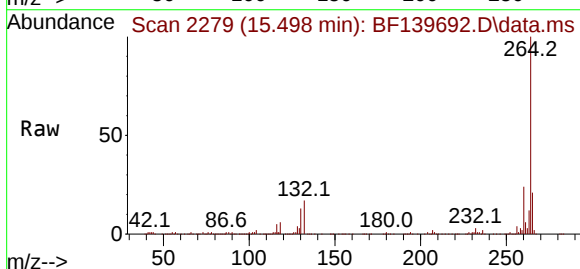
Tgt Ion:264 Resp: 190896

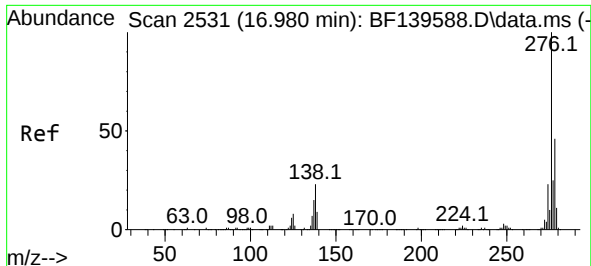
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

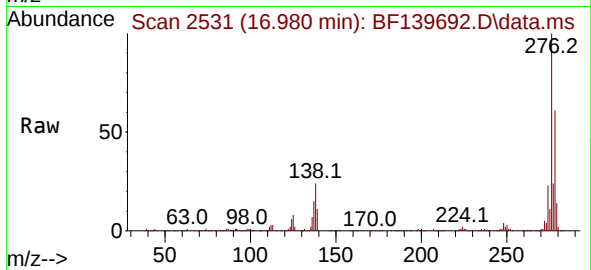
265 21.3 16.9 25.3



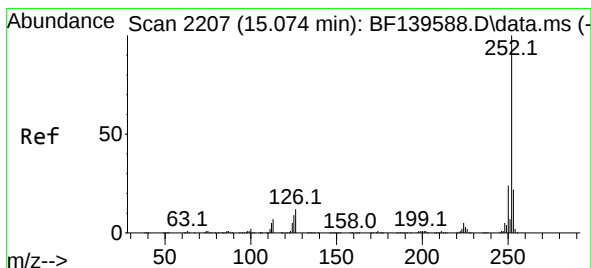
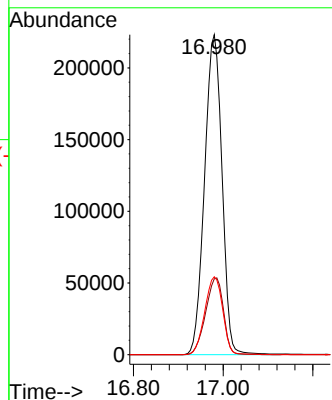
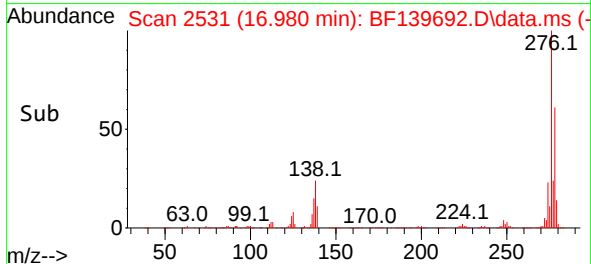


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.663 ng
 RT: 16.980 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59

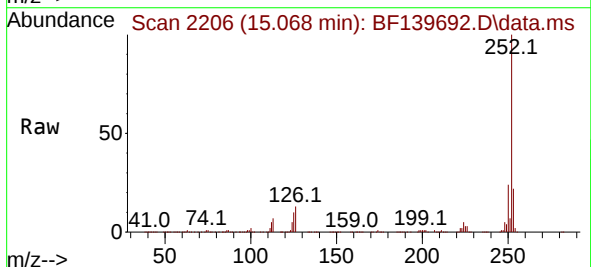
Instrument :
 BNA_F
 ClientSampleId :
 IB-4MS



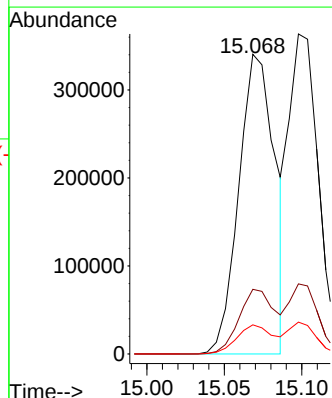
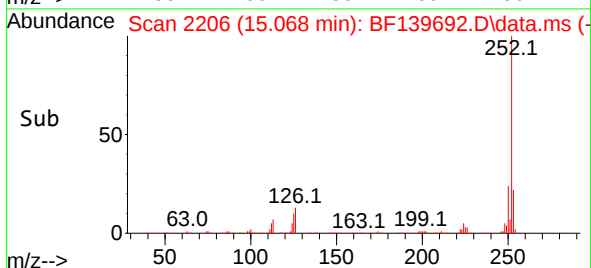
Tgt Ion:276 Resp: 602939
 Ion Ratio Lower Upper
 276 100
 138 24.6 19.4 29.0
 277 25.0 20.2 30.2

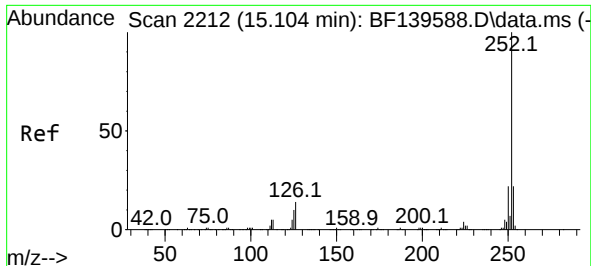


#88
 Benzo(b)fluoranthene
 Concen: 44.846 ng
 RT: 15.068 min Scan# 2206
 Delta R.T. -0.006 min
 Lab File: BF139692.D
 Acq: 07 Oct 2024 17:59



Tgt Ion:252 Resp: 553536
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.0
 125 9.7 7.4 11.0

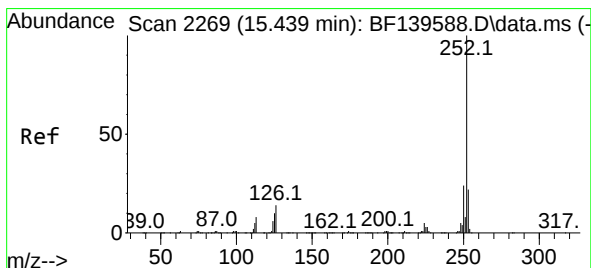
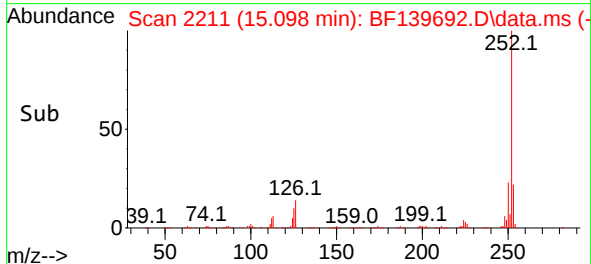
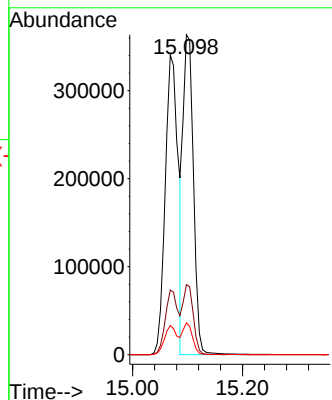
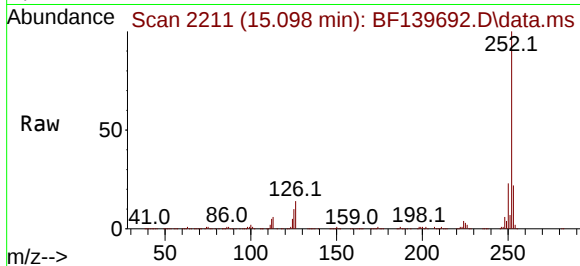




#89
Benzo(k)fluoranthene
Concen: 45.910 ng
RT: 15.098 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

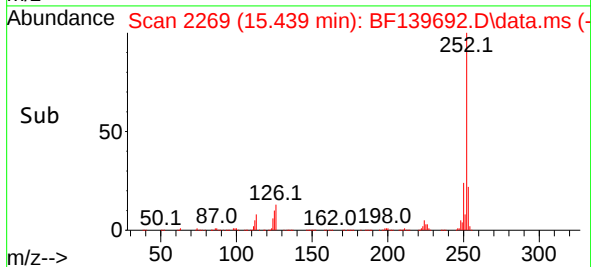
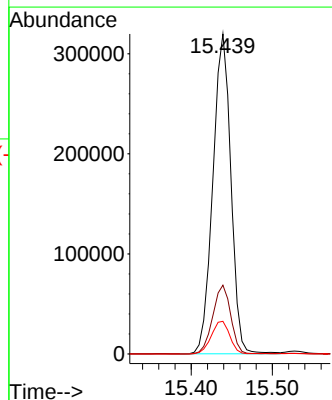
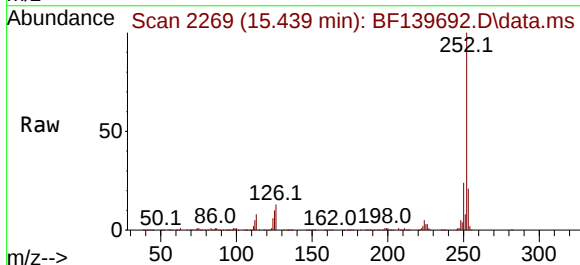
Instrument :
BNA_F
ClientSampleId :
IB-4MS

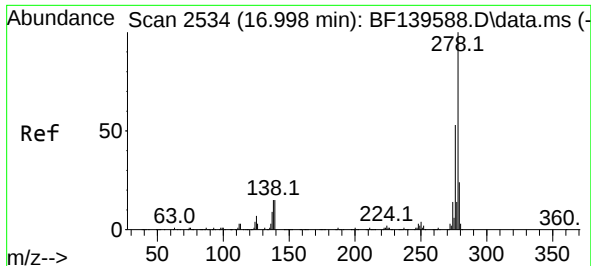
Tgt Ion:252 Resp: 480692
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.9 7.6 11.4



#90
Benzo(a)pyrene
Concen: 50.640 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:252 Resp: 492854
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.2 8.3 12.5

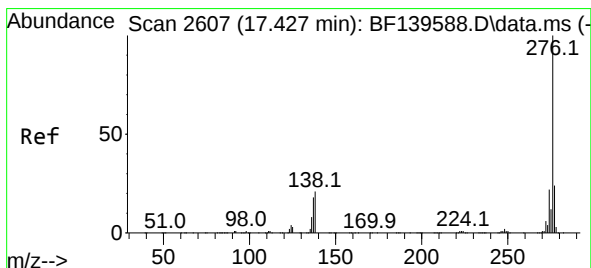
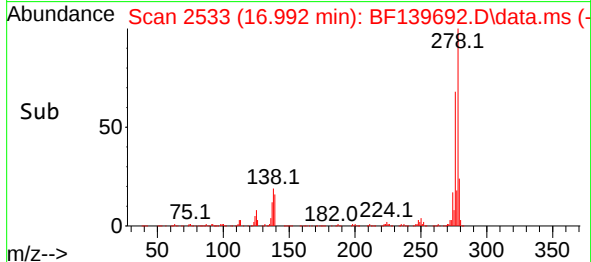
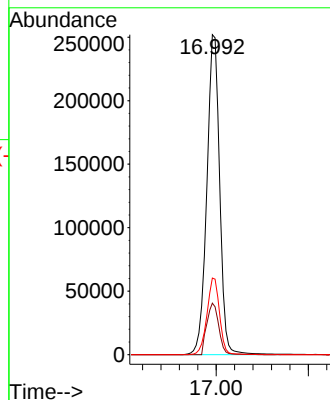
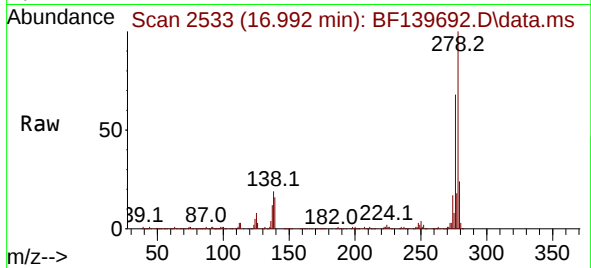




#91
Dibenzo(a,h)anthracene
Concen: 52.665 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion:278 Resp: 490785
Ion Ratio Lower Upper
278 100
139 16.1 12.2 18.4
279 23.9 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 49.282 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139692.D
Acq: 07 Oct 2024 17:59

Tgt Ion:276 Resp: 460591
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 20.6 17.0 25.6

