

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100824\
 Data File : BF139707.D
 Acq On : 08 Oct 2024 12:40
 Operator : RC/JU
 Sample : P4290-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-4MSD

Quant Time: Oct 08 13:17:24 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	6.869	152	82402	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	316662	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	170113	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	297500	20.000	ng	0.00
76) Chrysene-d12	14.033	240	187972	20.000	ng	0.00
86) Perylene-d12	15.498	264	184966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	675045	141.989	ng	0.02
7) Phenol-d6	6.510	99	837920	131.061	ng	0.00
23) Nitrobenzene-d5	7.434	82	625792	100.056	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	224185	136.518	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1109929	100.165	ng	0.00
79) Terphenyl-d14	12.974	244	1029591	89.874	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.804	88	100239	48.768	ng	# 81
3) Pyridine	3.522	79	214196	42.848	ng	96
4) n-Nitrosodimethylamine	3.457	42	169142	51.691	ng	96
6) Aniline	6.534	93	137637	24.260	ng	# 51
8) 2-Chlorophenol	6.657	128	271248	53.253	ng	98
9) Benzaldehyde	6.422	77	39741	11.734	ng	100
10) Phenol	6.522	94	312448	46.477	ng	100
11) bis(2-Chloroethyl)ether	6.604	93	282456	51.603	ng	99
12) 1,3-Dichlorobenzene	6.810	146	287440	50.163	ng	98
13) 1,4-Dichlorobenzene	6.887	146	287629	49.562	ng	98
14) 1,2-Dichlorobenzene	7.040	146	278631	51.227	ng	99
15) Benzyl Alcohol	7.016	79	263250	53.890	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	491112	51.828	ng	81
17) 2-Methylphenol	7.128	107	217608	51.175	ng	97
18) Hexachloroethane	7.381	117	105186	48.592	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	210383	51.183	ng	99
20) 3+4-Methylphenols	7.281	107	271712	50.873	ng	97
22) Acetophenone	7.275	105	379730	50.519	ng	96
24) Nitrobenzene	7.451	77	319902	49.395	ng	99
25) Isophorone	7.692	82	566261	50.975	ng	100
26) 2-Nitrophenol	7.769	139	142599	51.217	ng	98
27) 2,4-Dimethylphenol	7.804	122	212419	62.322	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	338313	51.002	ng	100
29) 2,4-Dichlorophenol	8.010	162	228213	51.333	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	241325	47.999	ng	100
31) Naphthalene	8.169	128	817821	50.512	ng	100
32) Benzoic acid	7.934	122	166606	49.158	ng	97
33) 4-Chloroaniline	8.234	127	41515	7.575	ng	98
34) Hexachlorobutadiene	8.286	225	156954	48.240	ng	99
35) Caprolactam	8.592	113	47691	32.706	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	250056	49.687	ng	99
37) 2-Methylnaphthalene	8.863	142	527023	49.980	ng	100
38) 1-Methylnaphthalene	8.963	142	488075	47.353	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	247995	52.499	ng	99
41) Hexachlorocyclopentadiene	9.010	237	213150	147.158	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	167753	52.679	ng	97

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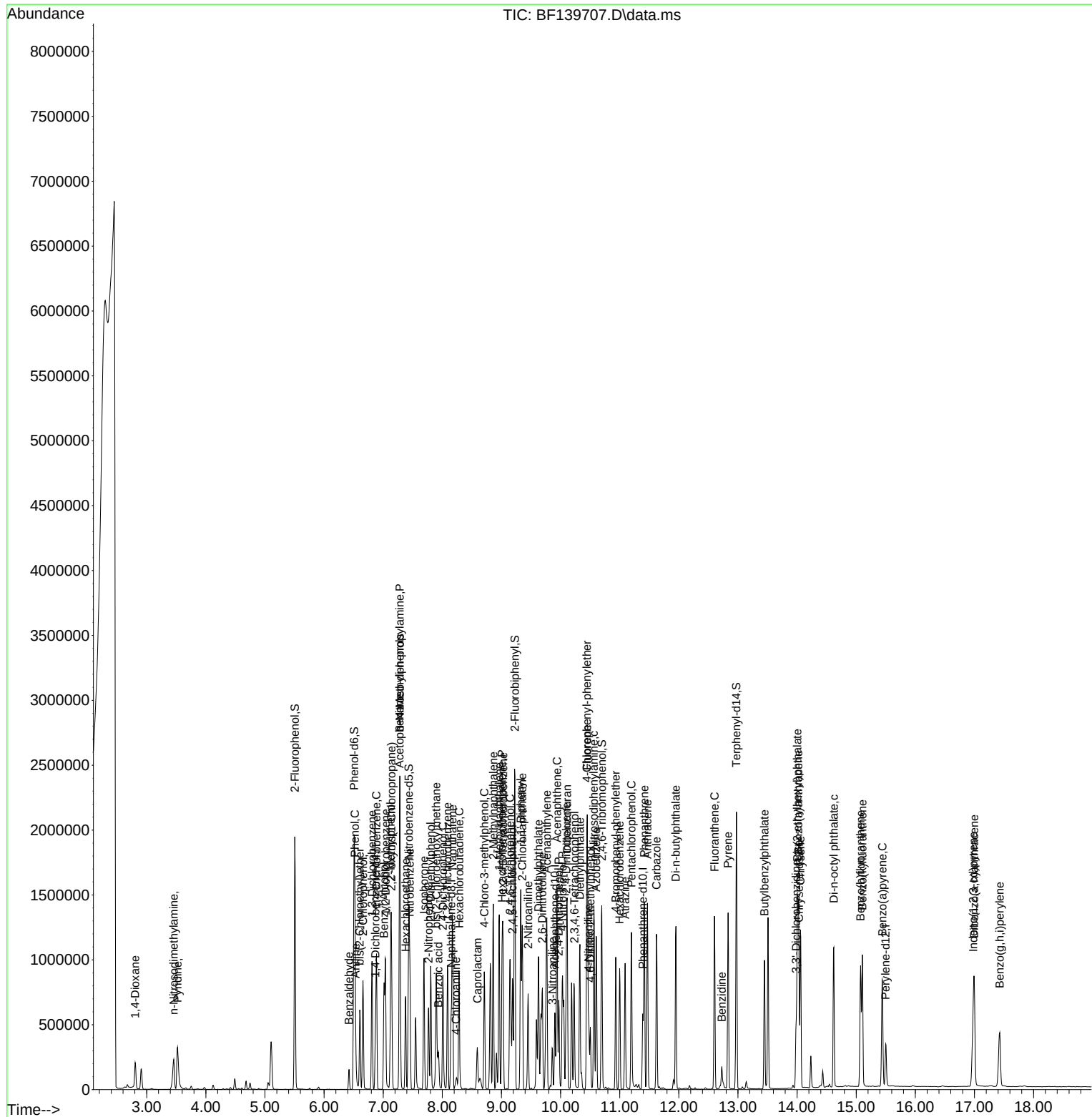
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	173957	50.655	ng	98
46) 1,1'-Biphenyl	9.328	154	655424	51.802	ng	100
47) 2-Chloronaphthalene	9.351	162	486367	51.276	ng	99
48) 2-Nitroaniline	9.451	65	178914	52.546	ng	98
49) Acenaphthylene	9.769	152	788273	54.647	ng	100
50) Dimethylphthalate	9.628	163	596898	53.602	ng	100
51) 2,6-Dinitrotoluene	9.692	165	125314	49.816	ng	94
52) Acenaphthene	9.939	154	488577	49.338	ng	99
53) 3-Nitroaniline	9.863	138	65461	25.465	ng	94
54) 2,4-Dinitrophenol	9.969	184	122774	90.742	ng	98
55) Dibenzofuran	10.110	168	709865	51.198	ng	99
56) 4-Nitrophenol	10.033	139	183644	93.680	ng	94
57) 2,4-Dinitrotoluene	10.098	165	167558	50.959	ng	99
58) Fluorene	10.451	166	554287	50.192	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	142808	51.486	ng	98
60) Diethylphthalate	10.328	149	585419	50.897	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	272478	49.319	ng	97
62) 4-Nitroaniline	10.475	138	121679	46.275	ng	98
63) Azobenzene	10.604	77	583099	50.410	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	80036	47.634	ng	97
66) n-Nitrosodiphenylamine	10.563	169	481810	54.943	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	158867	52.083	ng	96
68) Hexachlorobenzene	10.998	284	175270	51.782	ng	98
69) Atrazine	11.092	200	151202	64.265	ng	98
70) Pentachlorophenol	11.198	266	199039	98.757	ng	99
71) Phenanthrene	11.416	178	743720	53.019	ng	99
72) Anthracene	11.469	178	765582	55.168	ng	99
73) Carbazole	11.622	167	695653	52.193	ng	100
74) Di-n-butylphthalate	11.951	149	872841	53.853	ng	99
75) Fluoranthene	12.604	202	762395	49.719	ng	100
77) Benzidine	12.727	184	104863	31.627	ng	99
78) Pyrene	12.833	202	777153	46.226	ng	100
80) Butylbenzylphthalate	13.451	149	318463	52.958	ng	98
81) Benzo(a)anthracene	14.021	228	652797	52.822	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	137406	36.329	ng	100
83) Chrysene	14.057	228	610299	54.015	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	433640	57.749	ng	100
85) Di-n-octyl phthalate	14.621	149	710511	64.406	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	526236	48.338	ng	100
88) Benzo(b)fluoranthene	15.074	252	640334	53.541	ng	99
89) Benzo(k)fluoranthene	15.104	252	495923	48.884	ng	100
90) Benzo(a)pyrene	15.445	252	527936	55.984	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	443347	49.100	ng	99
92) Benzo(g,h,i)perylene	17.427	276	382248	42.210	ng	99

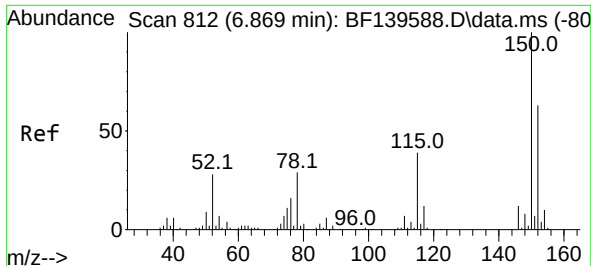
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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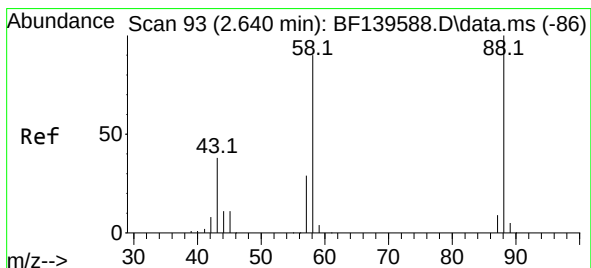
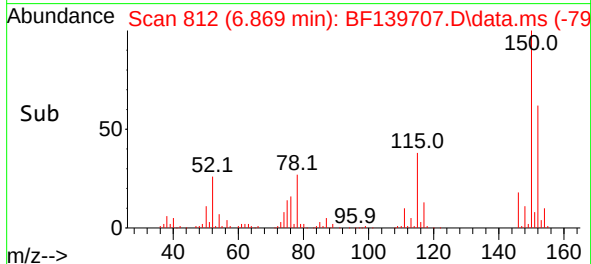
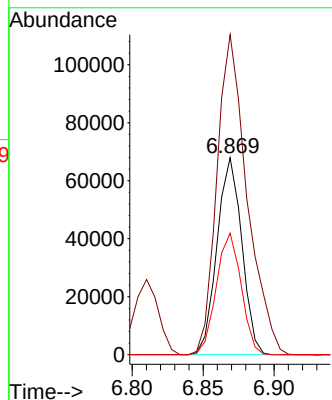
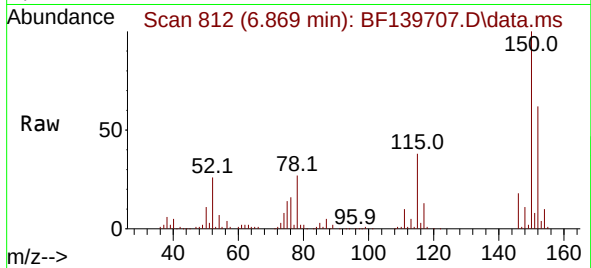




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF139707.D
 Acq: 08 Oct 2024 12:40

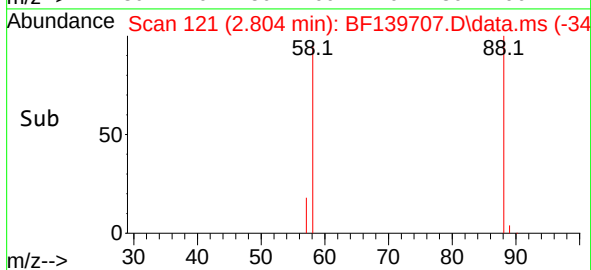
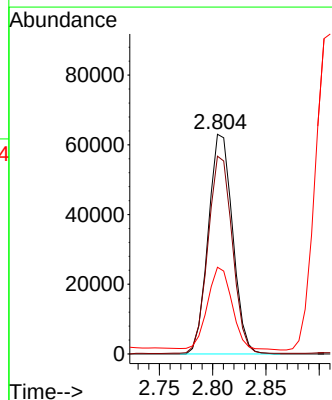
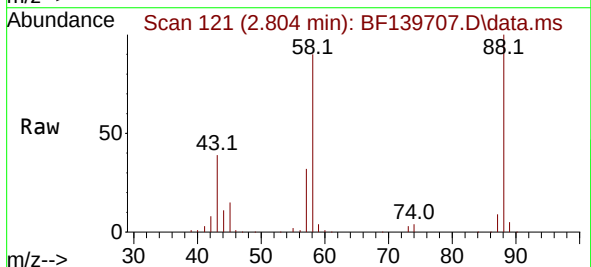
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 ClientSampleId :
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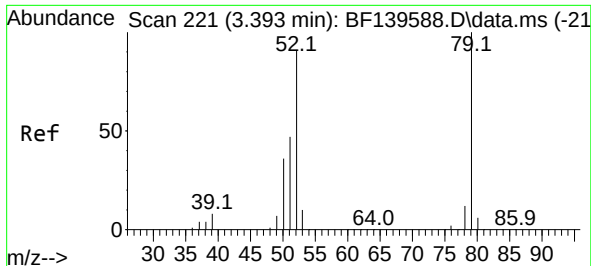
Tgt Ion:152 Resp: 82402
 Ion Ratio Lower Upper
 152 100
 150 162.5 127.2 190.8
 115 61.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 48.768 ng
 RT: 2.804 min Scan# 121
 Delta R.T. 0.165 min
 Lab File: BF139707.D
 Acq: 08 Oct 2024 12:40

Tgt Ion: 88 Resp: 100239
 Ion Ratio Lower Upper
 88 100
 58 89.8 72.0 108.0
 43 0.0 30.8 46.2

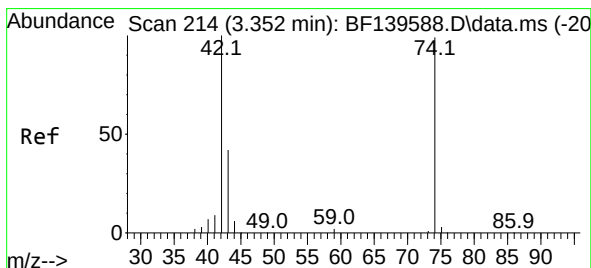
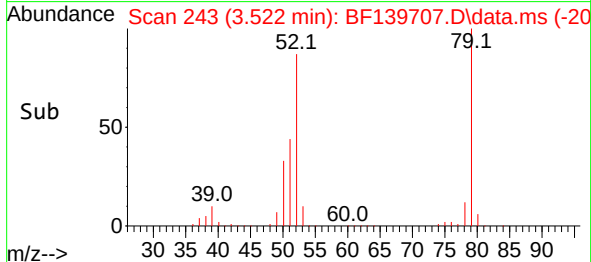
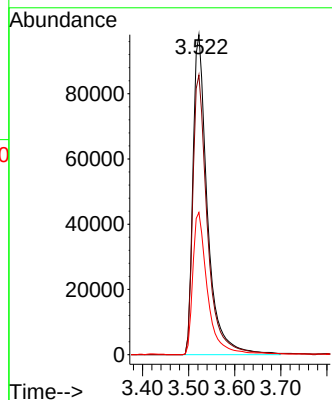
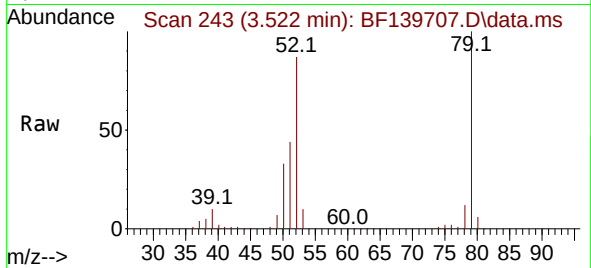




#3
Pyridine
Concen: 42.848 ng
RT: 3.522 min Scan# 241
Delta R.T. 0.129 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

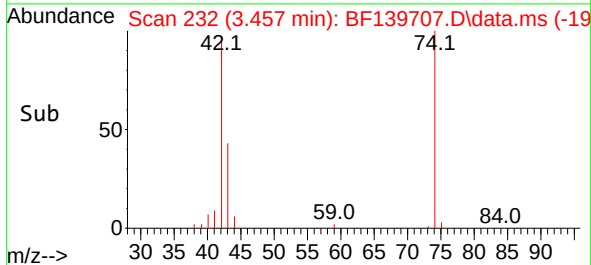
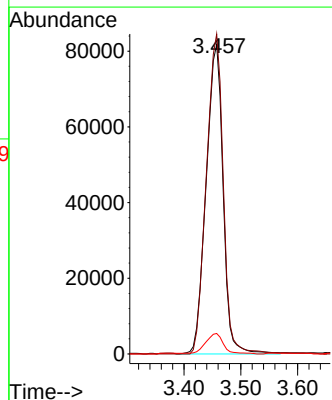
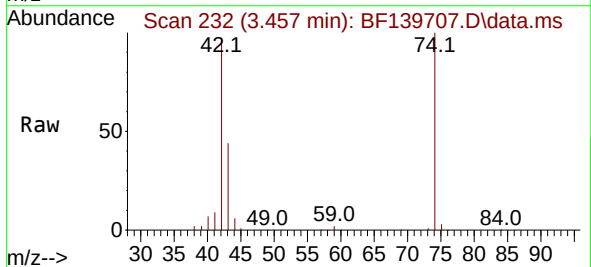
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

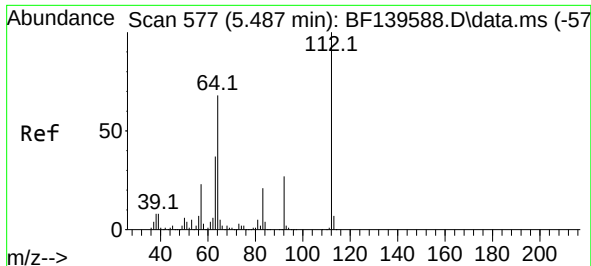
Tgt Ion: 79 Resp: 214196
Ion Ratio Lower Upper
79 100
52 87.4 72.6 109.0
51 44.5 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 51.691 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.106 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion: 42 Resp: 169142
Ion Ratio Lower Upper
42 100
74 103.4 79.0 118.6
44 6.6 5.2 7.8

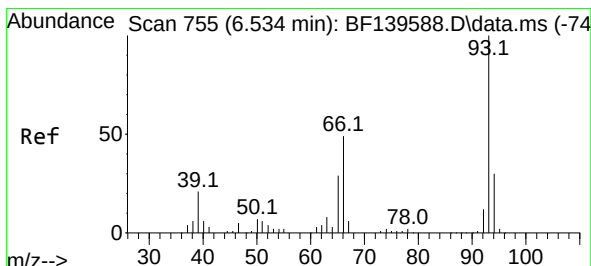
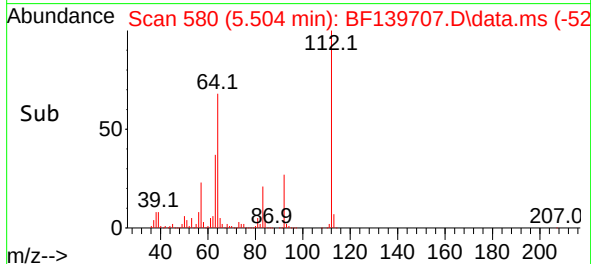
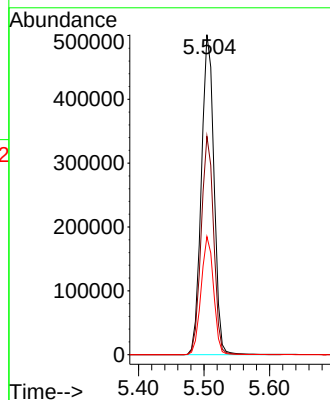
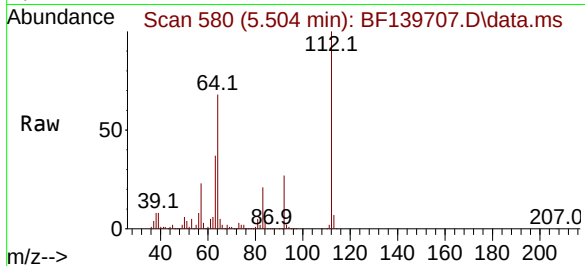




#5
2-Fluorophenol
Concen: 141.989 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

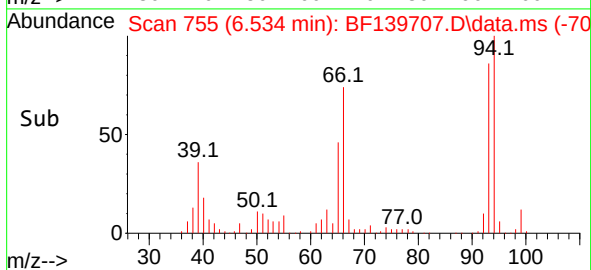
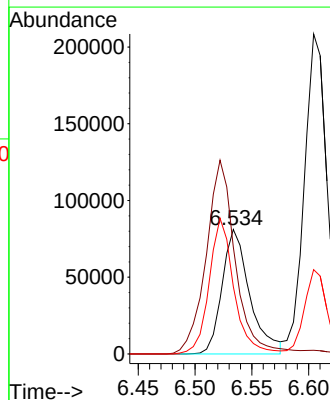
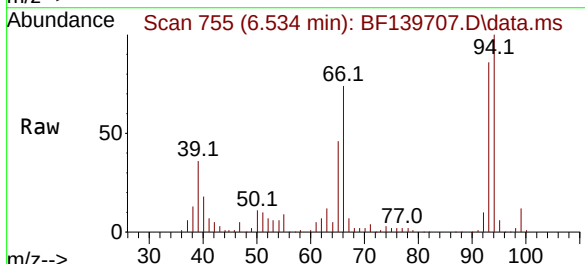
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

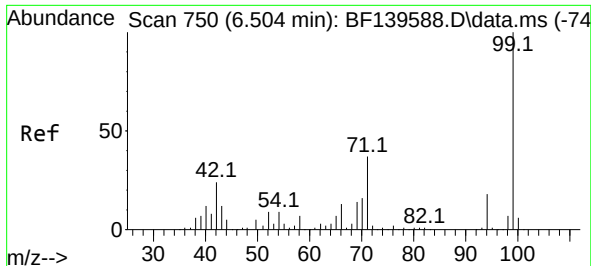
Tgt Ion:112 Resp: 675045
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 36.9 29.4 44.2



#6
Aniline
Concen: 24.260 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion: 93 Resp: 137637
Ion Ratio Lower Upper
93 100
66 85.8 40.9 61.3#
65 54.2 23.3 34.9#

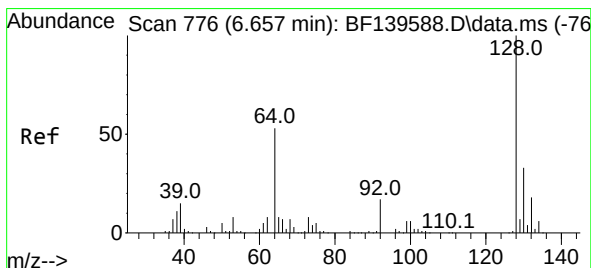
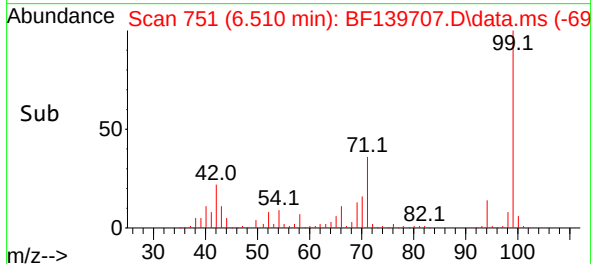
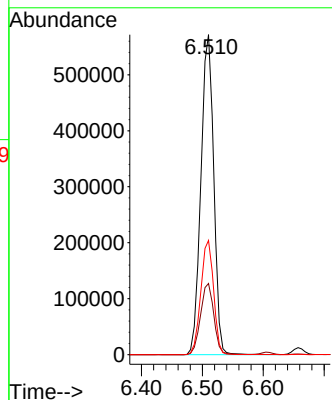
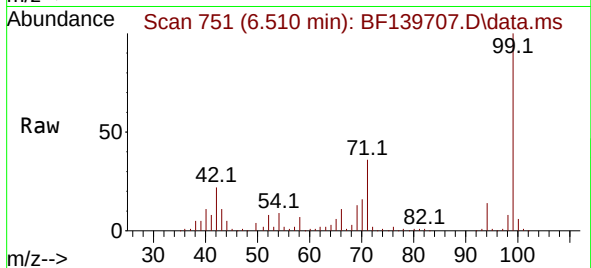




#7
Phenol-d6
Concen: 131.061 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

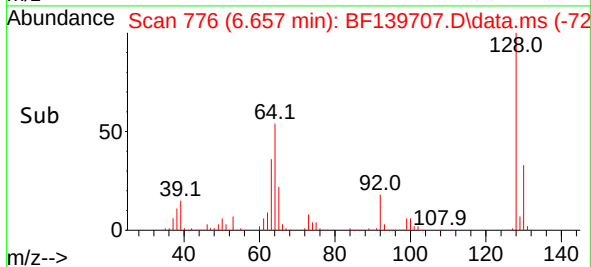
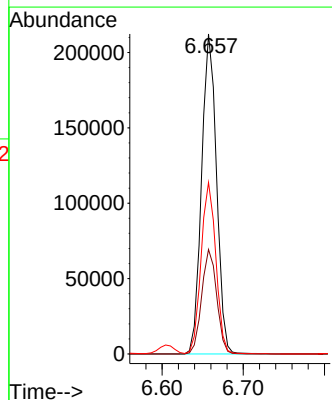
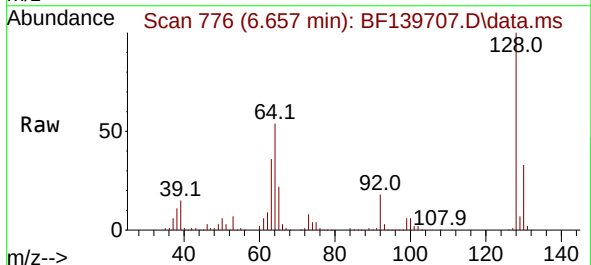
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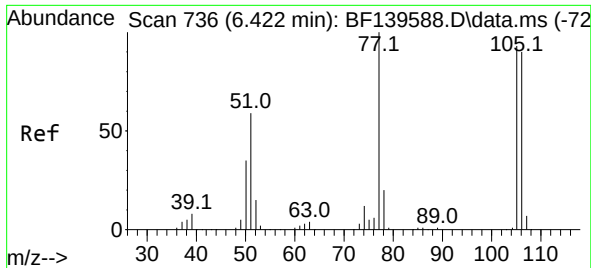
Tgt Ion: 99 Resp: 837920
Ion Ratio Lower Upper
99 100
42 22.2 19.1 28.7
71 35.7 29.7 44.5



#8
2-Chlorophenol
Concen: 53.253 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion: 128 Resp: 271248
Ion Ratio Lower Upper
128 100
130 32.7 13.2 53.2
64 53.6 35.1 75.1



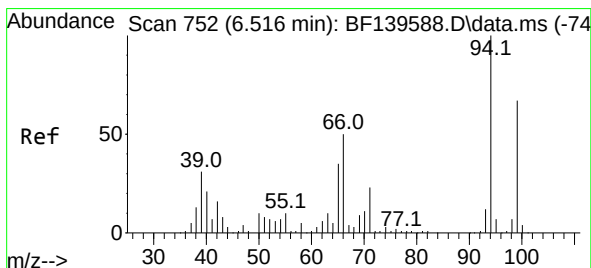
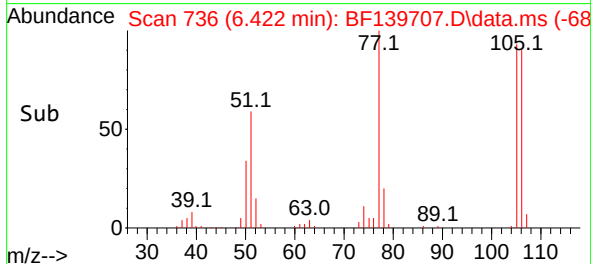
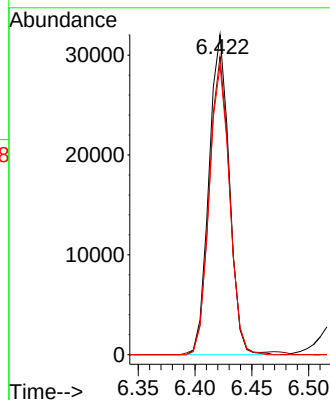
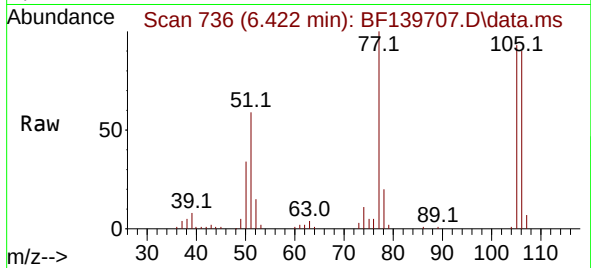


#9
Benzaldehyde
Concen: 11.734 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
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Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 39741

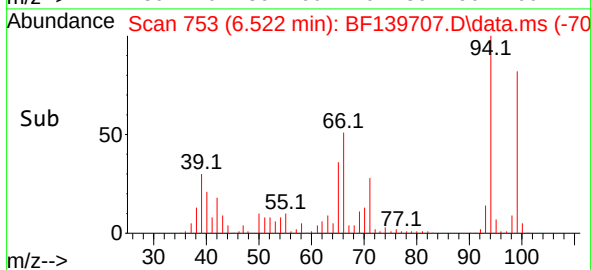
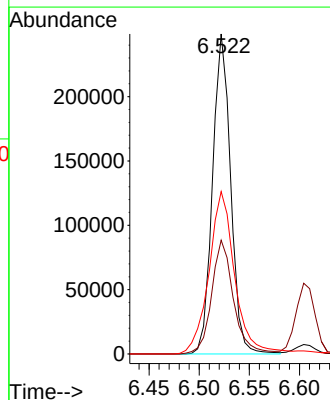
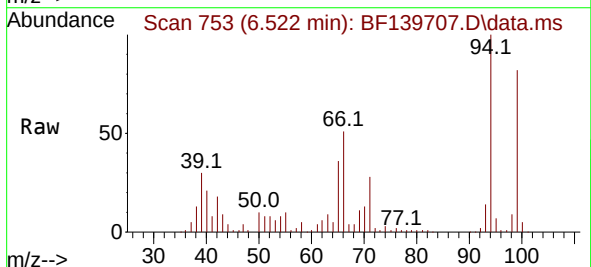
Ion	Ratio	Lower	Upper
77	100		
105	93.1	72.7	112.7
106	90.3	70.1	110.1

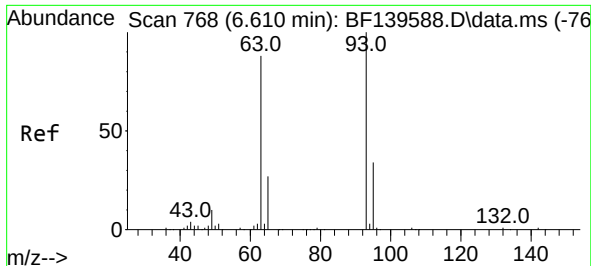


#10
Phenol
Concen: 46.477 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion: 94 Resp: 312448

Ion	Ratio	Lower	Upper
94	100		
65	35.5	15.3	55.3
66	50.8	30.5	70.5





#11

bis(2-Chloroethyl)ether

Concen: 51.603 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

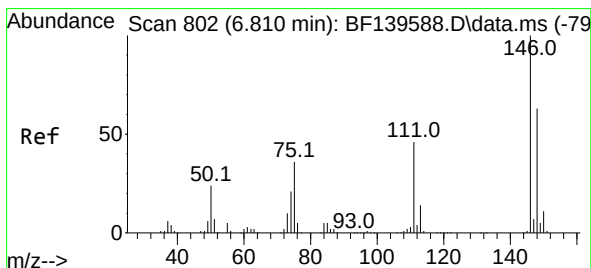
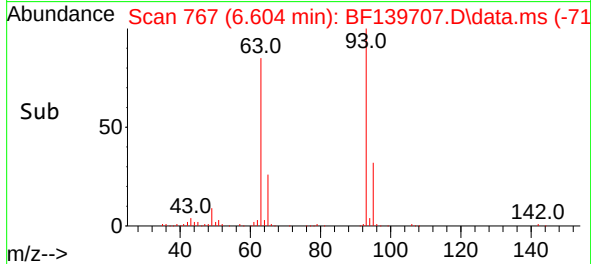
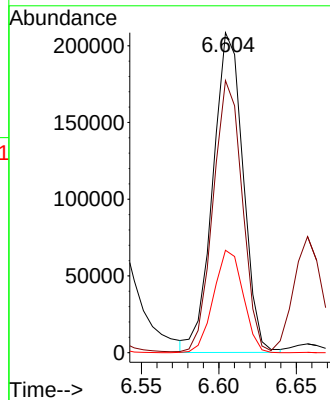
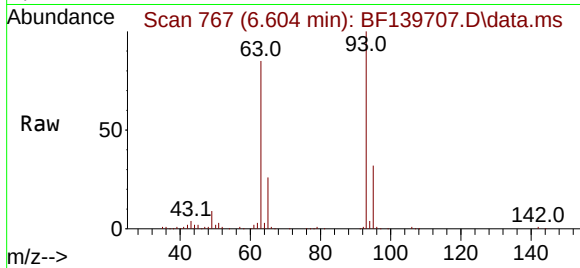
Tgt Ion: 93 Resp: 282456

Ion Ratio Lower Upper

93 100

63 85.1 64.1 104.1

95 32.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 50.163 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

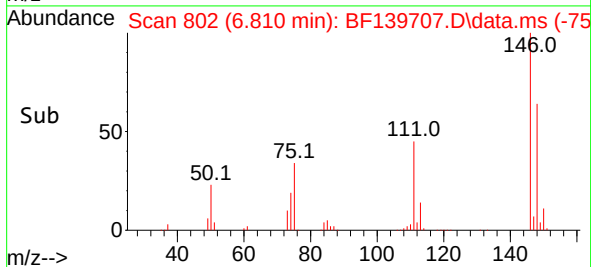
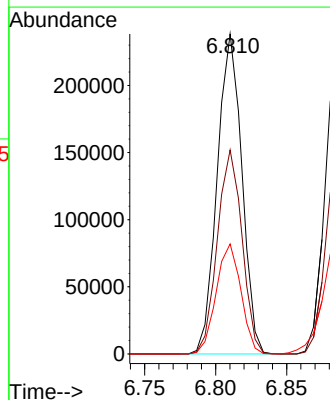
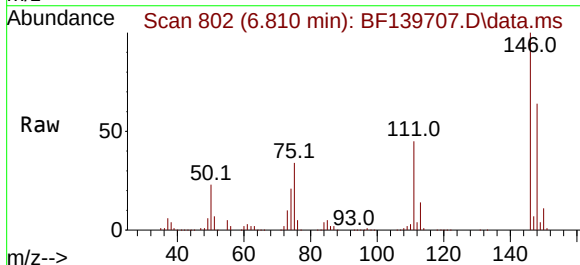
Tgt Ion: 146 Resp: 287440

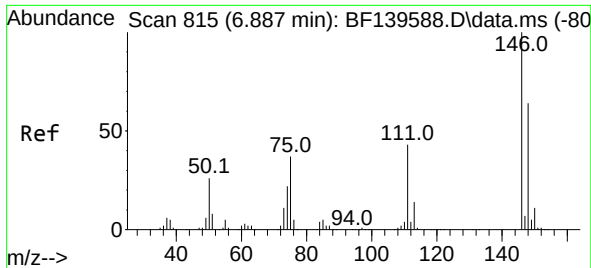
Ion Ratio Lower Upper

146 100

148 63.7 50.2 75.4

75 34.4 28.5 42.7

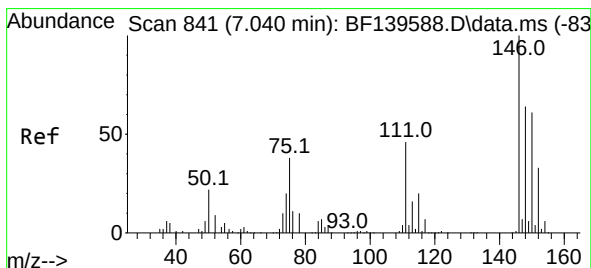
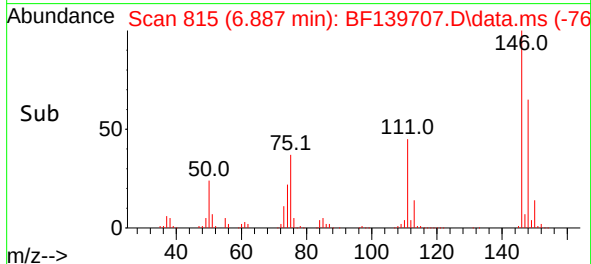
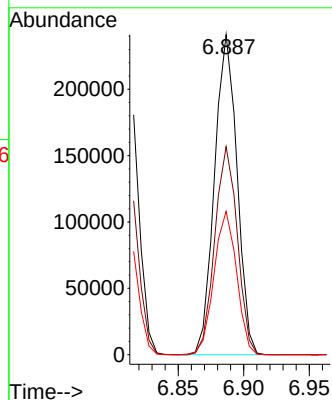
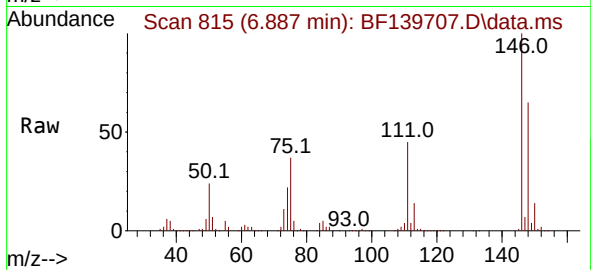




#13
1,4-Dichlorobenzene
Concen: 49.562 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

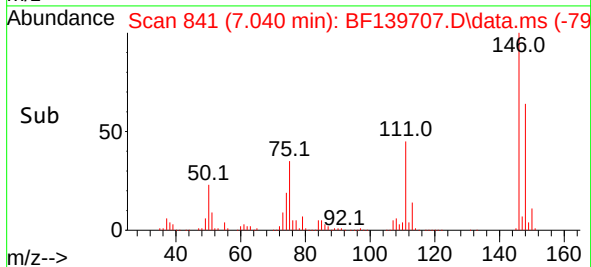
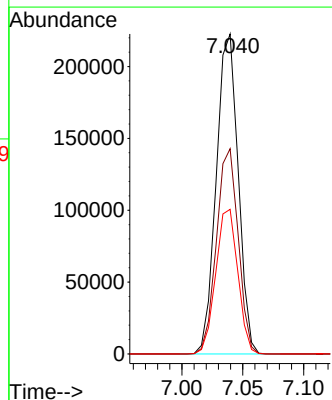
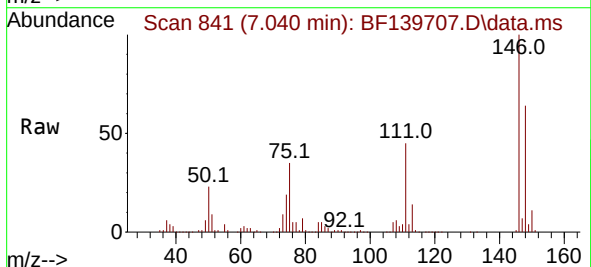
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

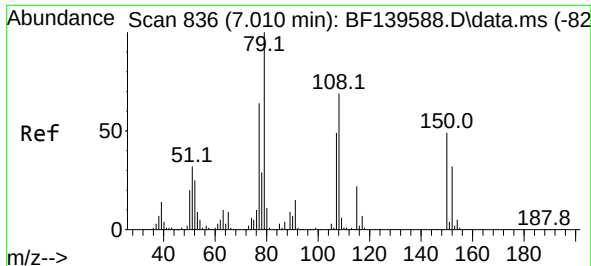
Tgt Ion:146 Resp: 287629
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.6
111 44.8 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 51.227 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:146 Resp: 278631
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 45.2 37.0 55.6

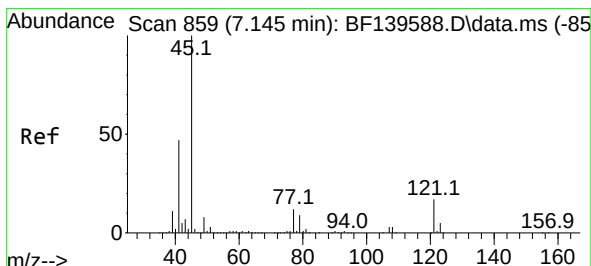
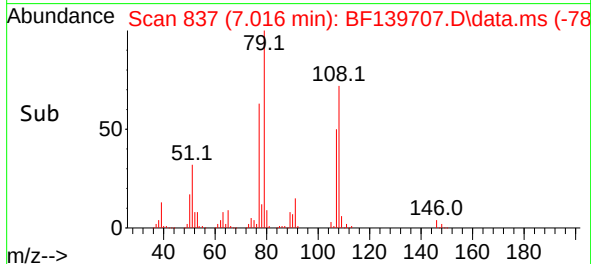
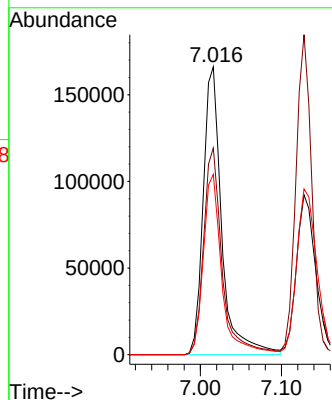
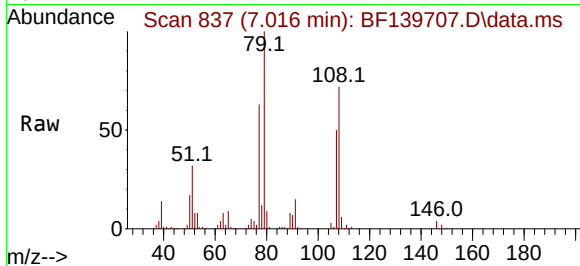




#15
Benzyl Alcohol
Concen: 53.890 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

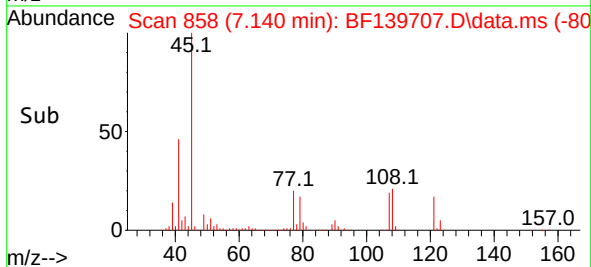
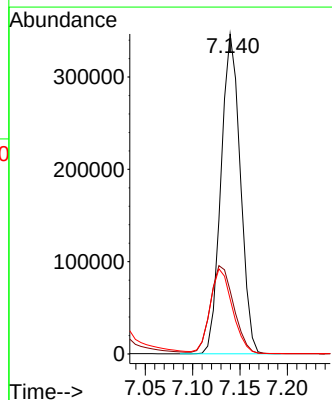
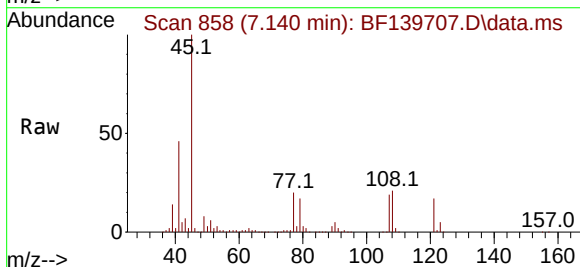
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

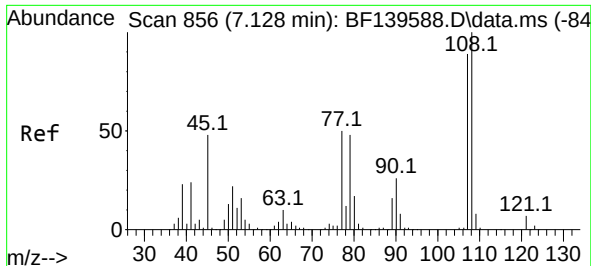
Tgt Ion: 79 Resp: 263250
Ion Ratio Lower Upper
79 100
108 71.8 55.1 82.7
77 62.6 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.828 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion: 45 Resp: 491112
Ion Ratio Lower Upper
45 100
77 19.7 0.0 32.5
79 17.2 0.0 29.7

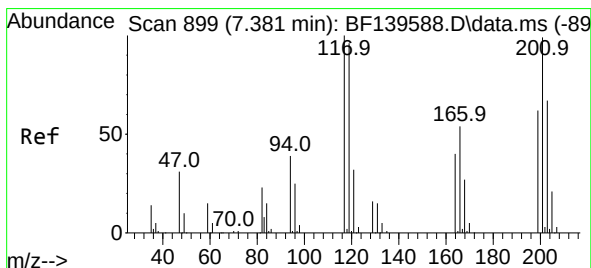
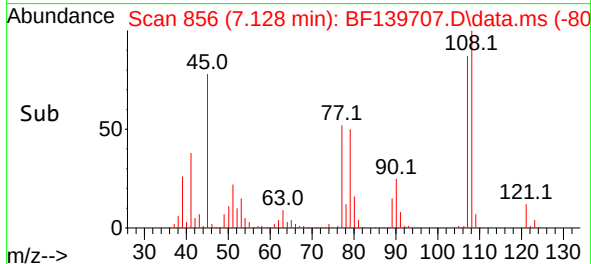
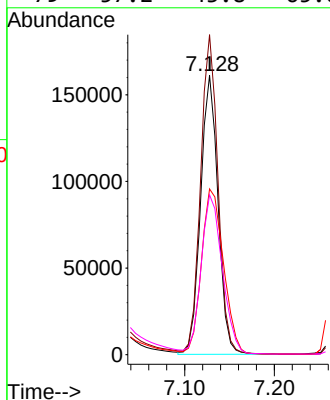
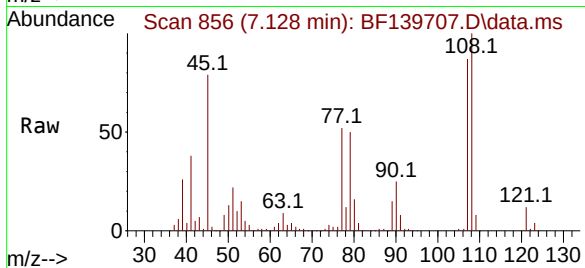




#17
2-Methylphenol
Concen: 51.175 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

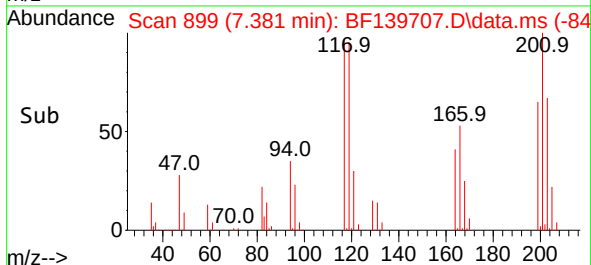
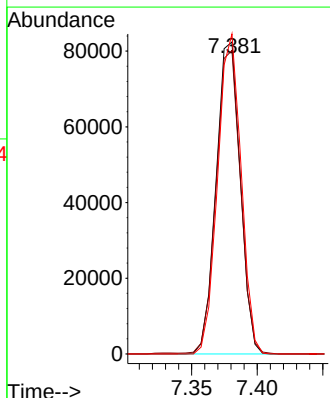
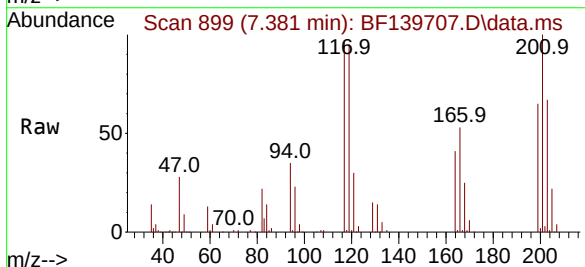
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

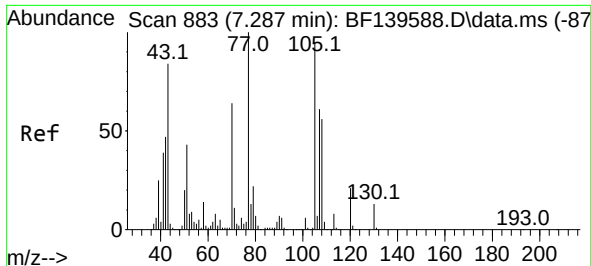
Tgt Ion:	107	Resp:	217608
Ion	Ratio	Lower	Upper
107	100		
108	114.6	89.8	134.6
77	59.3	44.6	67.0
79	57.2	43.8	65.6



#18
Hexachloroethane
Concen: 48.592 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:	117	Resp:	105186
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.0	115.6
201	102.6	79.2	118.8

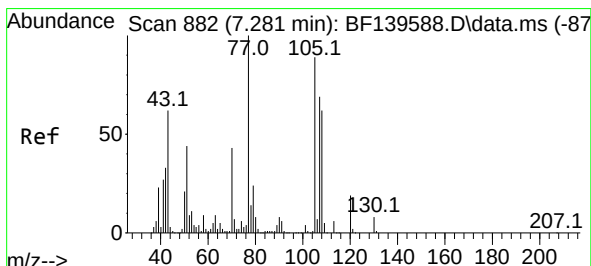
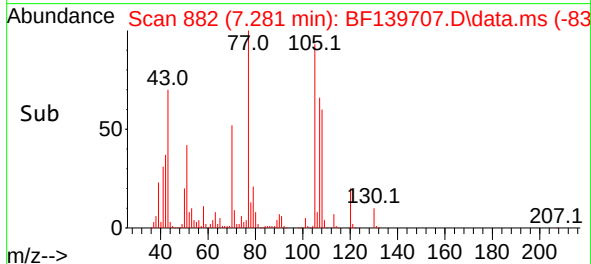
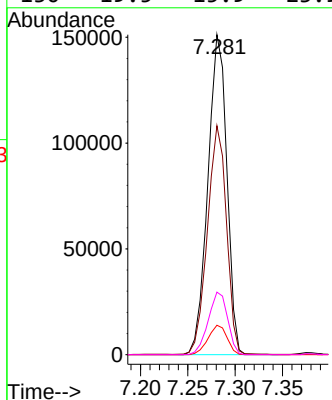
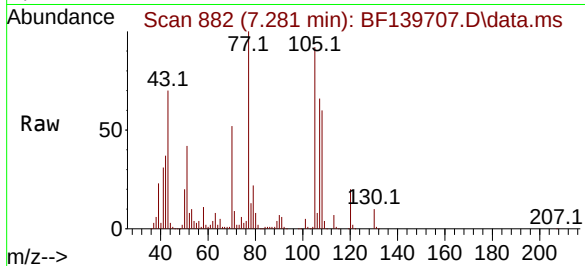




#19
n-Nitroso-di-n-propylamine
Concen: 51.183 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

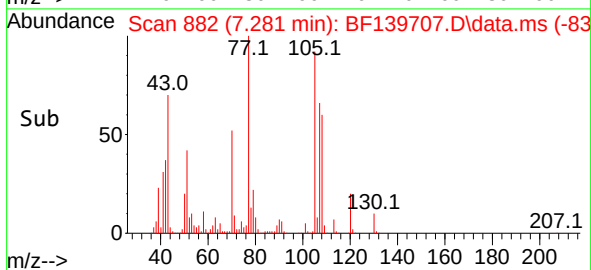
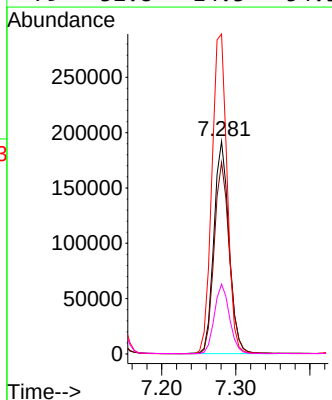
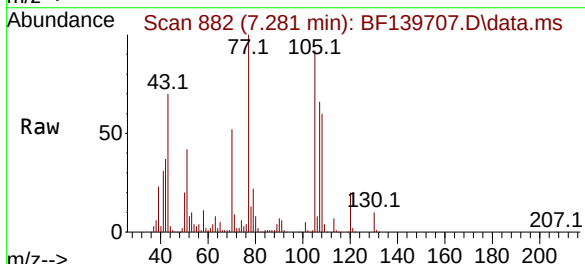
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

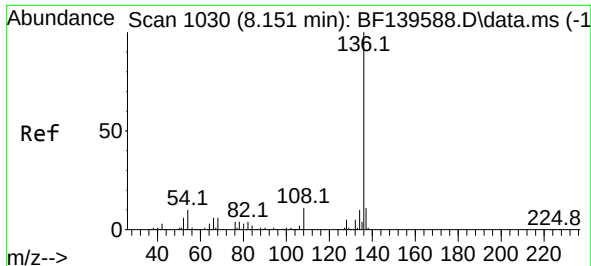
Tgt Ion:	70	Resp:	210383
Ion	Ratio	Lower	Upper
70	100		
42	71.5	58.0	87.0
101	9.2	7.8	11.8
130	19.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 50.873 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:	107	Resp:	271712
Ion	Ratio	Lower	Upper
107	100		
108	90.1	70.2	110.2
77	150.4	125.3	165.3
79	32.8	14.3	54.3



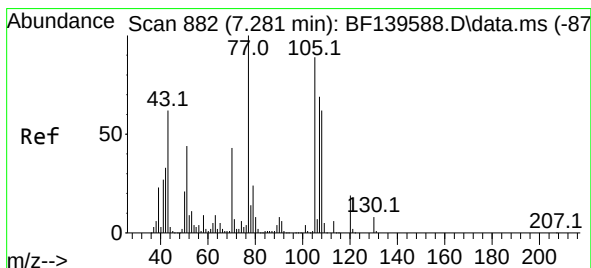
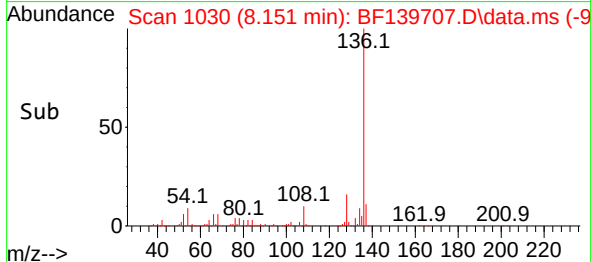
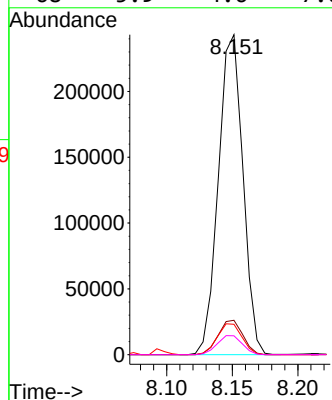
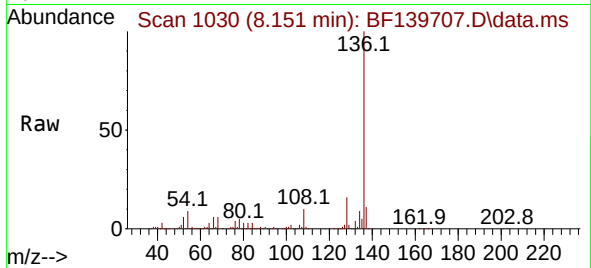


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion:136 Resp: 316662

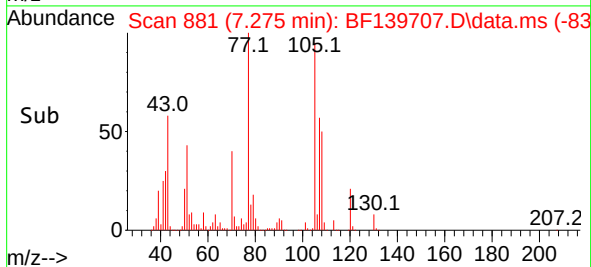
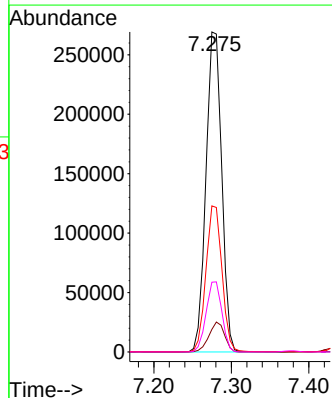
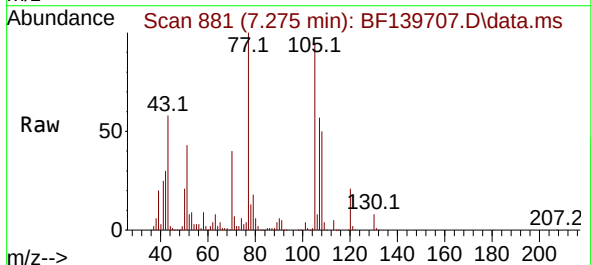
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.5	8.3	12.5
68	5.9	4.6	7.0

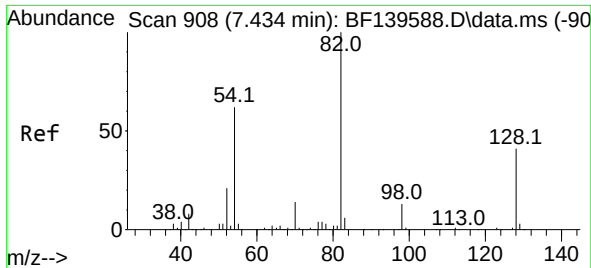


#22
Acetophenone
Concen: 50.519 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:105 Resp: 379730

Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.6	10.0
51	45.6	39.4	59.0
120	21.8	17.4	26.2

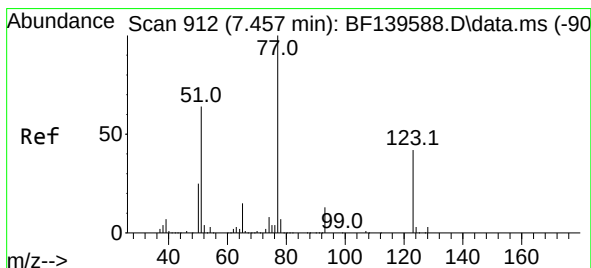
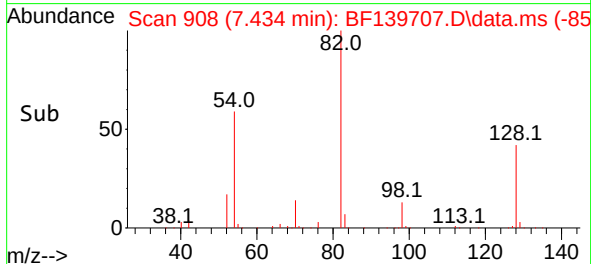
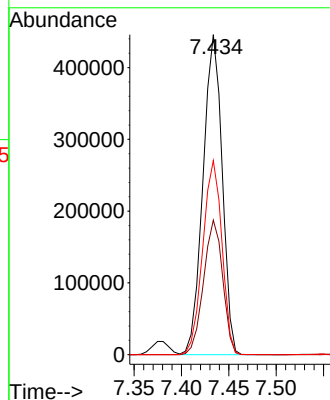
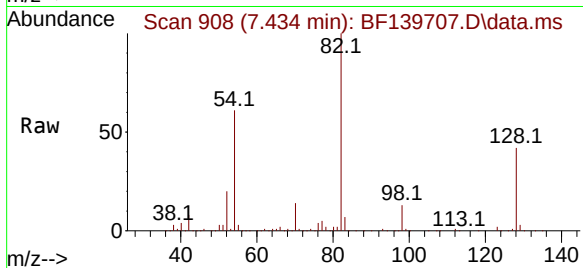




#23
Nitrobenzene-d5
Concen: 100.056 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

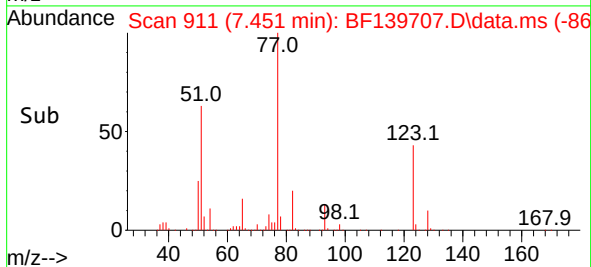
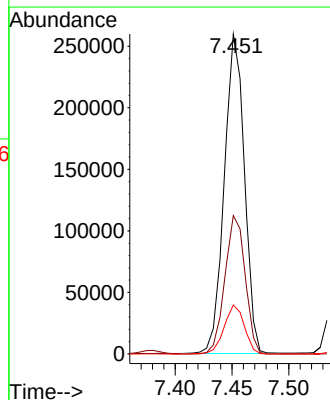
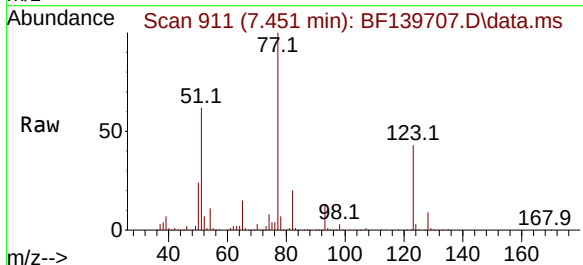
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

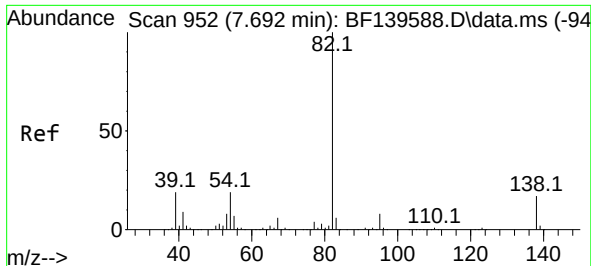
Tgt Ion: 82 Resp: 625792
Ion Ratio Lower Upper
82 100
128 42.0 32.4 48.6
54 60.7 49.1 73.7



#24
Nitrobenzene
Concen: 49.395 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion: 77 Resp: 319902
Ion Ratio Lower Upper
77 100
123 43.3 34.2 51.4
65 15.3 12.1 18.1

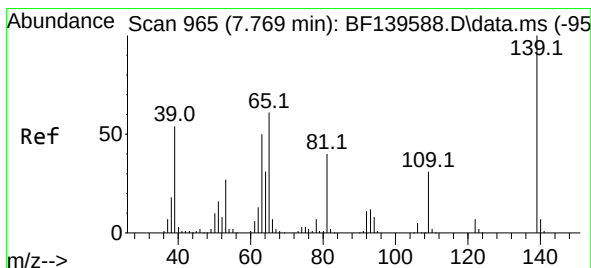
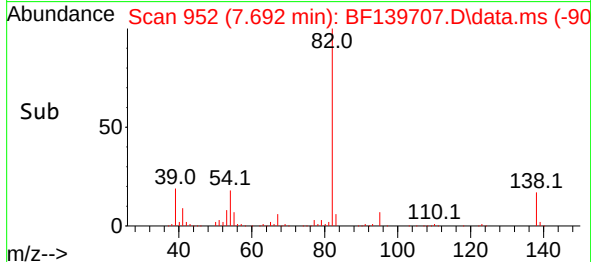
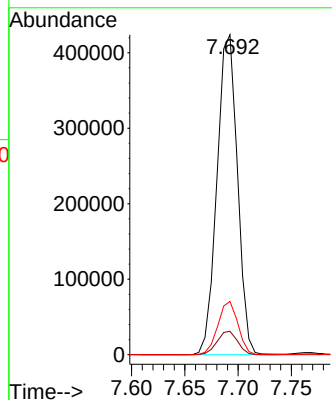
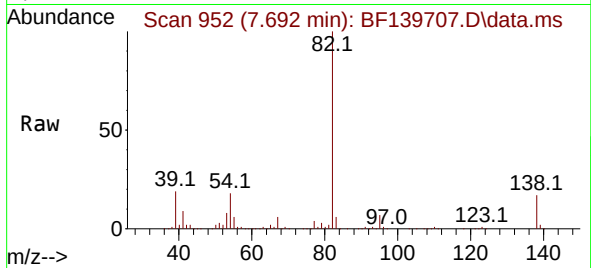




#25
Isophorone
Concen: 50.975 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

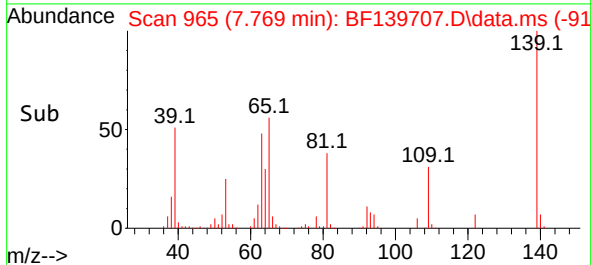
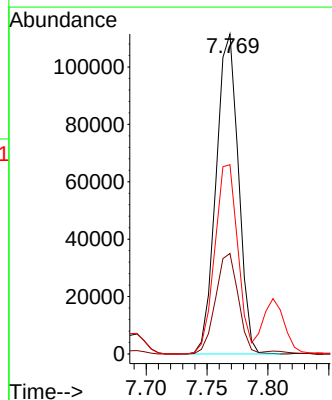
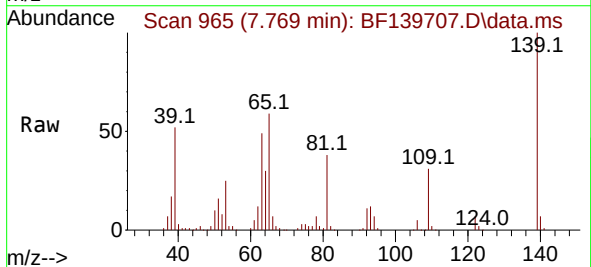
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

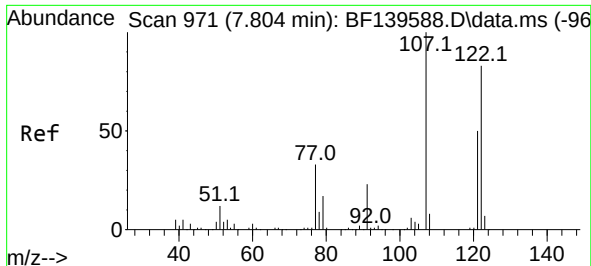
Tgt Ion: 82 Resp: 566261
Ion Ratio Lower Upper
82 100
95 7.3 6.1 9.1
138 16.7 13.4 20.2



#26
2-Nitrophenol
Concen: 51.217 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:139 Resp: 142599
Ion Ratio Lower Upper
139 100
109 31.4 24.9 37.3
65 59.2 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 62.322 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

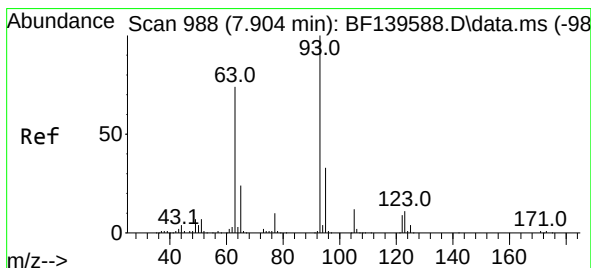
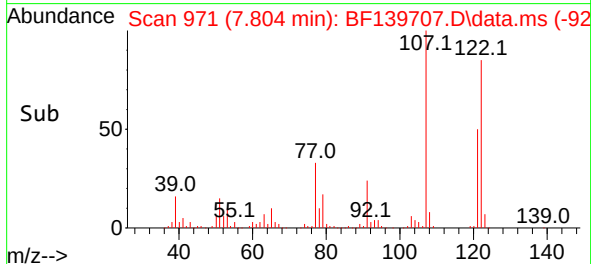
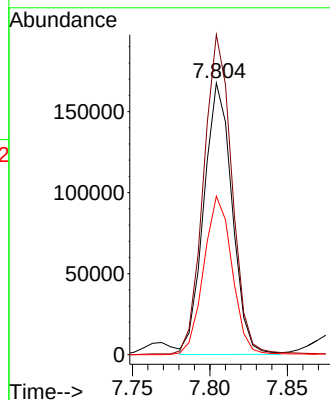
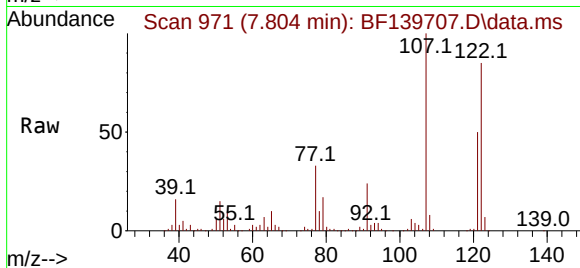
Tgt Ion:122 Resp: 212419

Ion Ratio Lower Upper

122 100

107 117.8 95.4 143.0

121 58.3 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 51.002 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

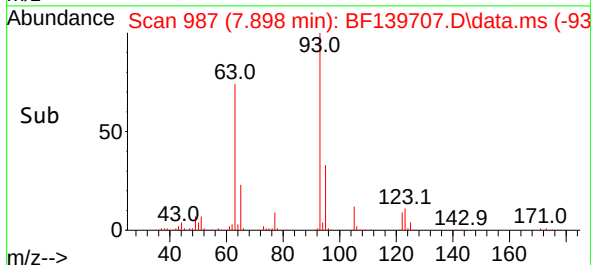
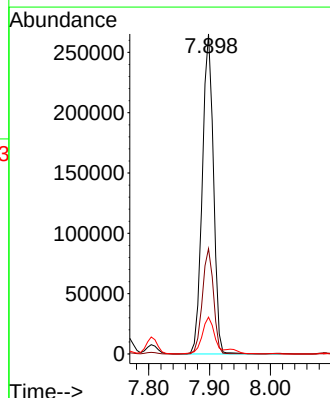
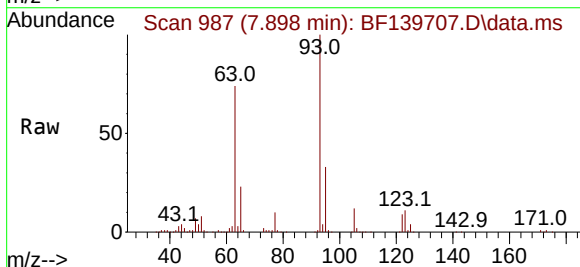
Tgt Ion: 93 Resp: 338313

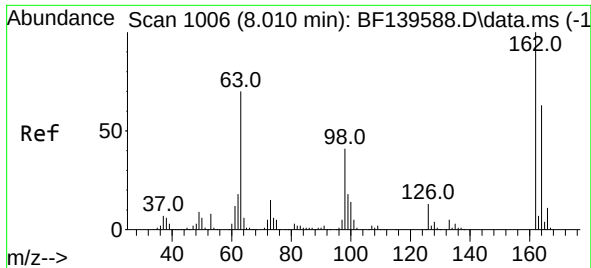
Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 11.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 51.333 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

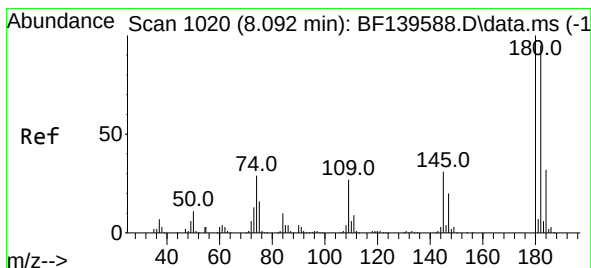
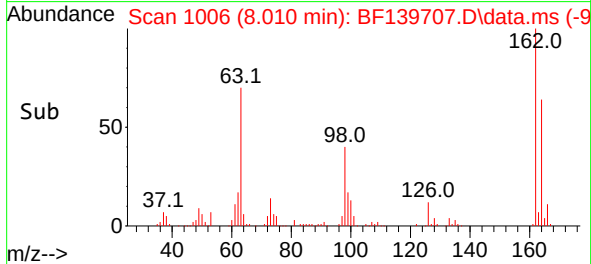
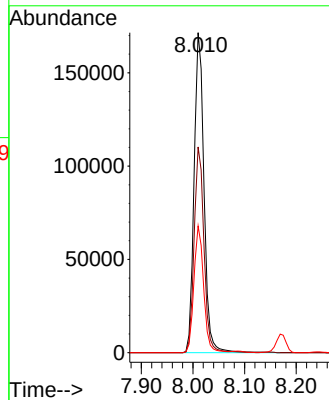
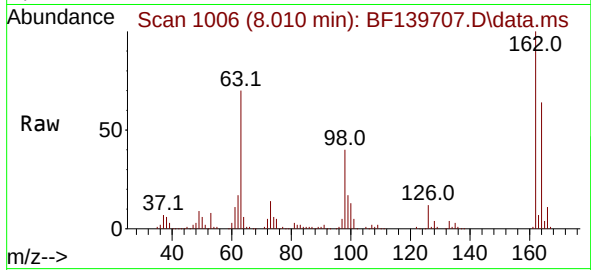
Tgt Ion:162 Resp: 228213

Ion Ratio Lower Upper

162 100

164 64.3 43.1 83.1

98 39.6 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 47.999 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

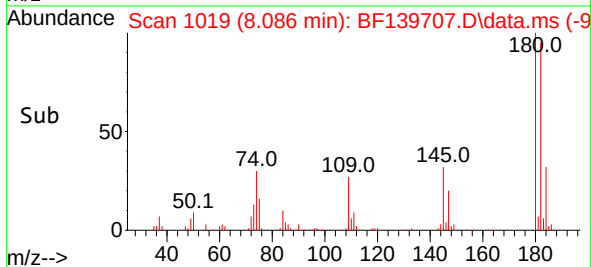
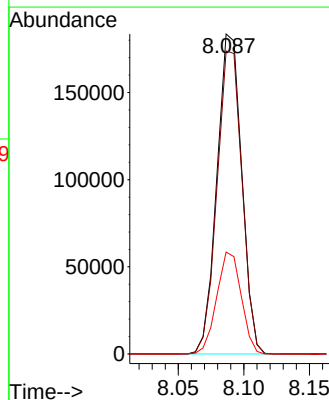
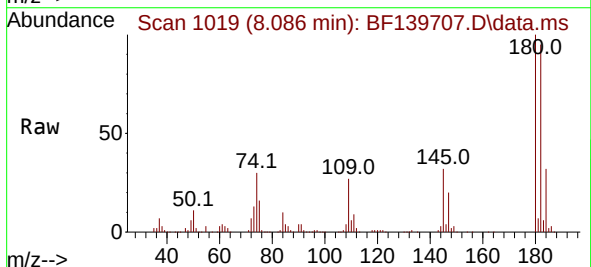
Tgt Ion:180 Resp: 241325

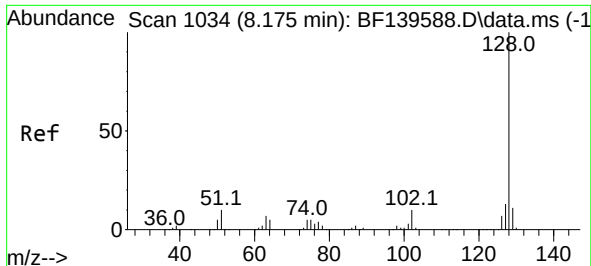
Ion Ratio Lower Upper

180 100

182 94.7 76.0 114.0

145 31.9 25.0 37.6

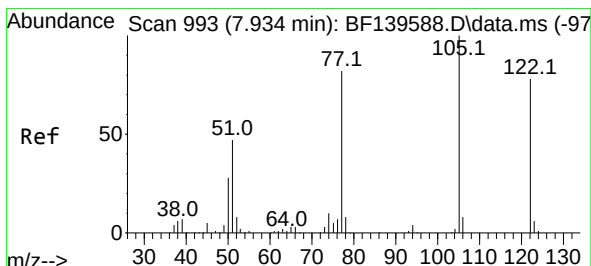
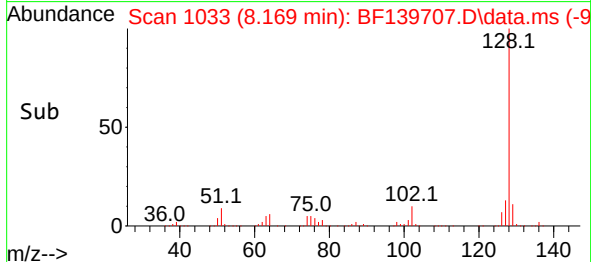
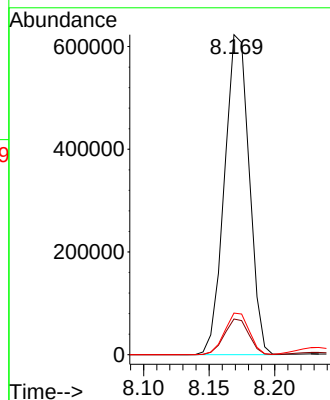
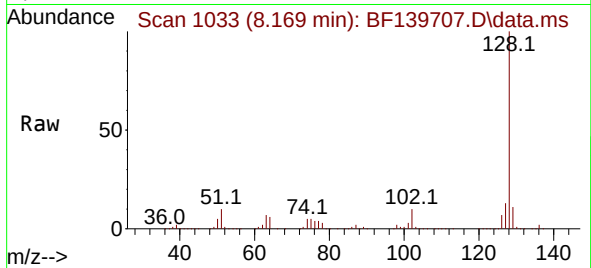




#31
Naphthalene
Concen: 50.512 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

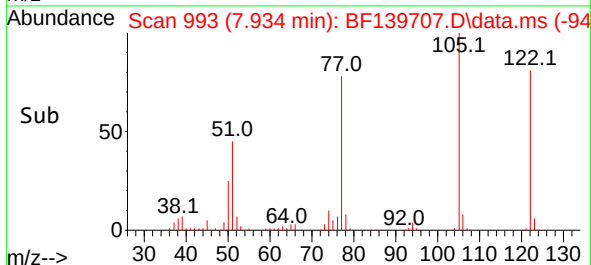
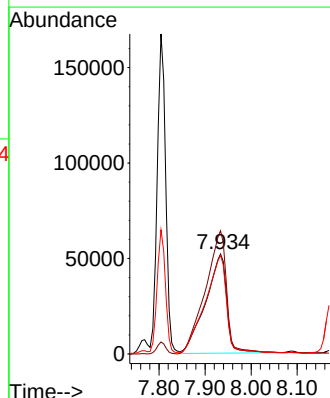
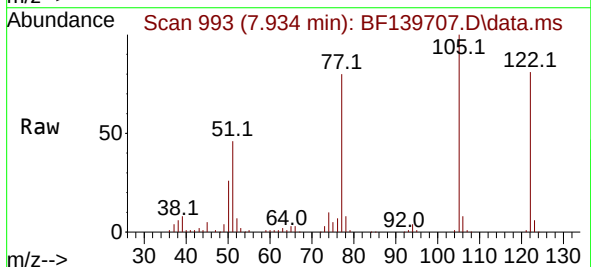
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

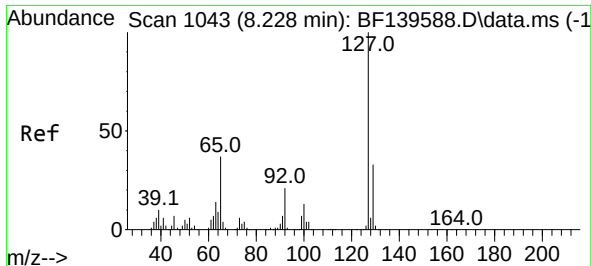
Tgt Ion:128 Resp: 817821
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.0 10.5 15.7



#32
Benzoic acid
Concen: 49.158 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:122 Resp: 166606
Ion Ratio Lower Upper
122 100
105 123.2 104.9 144.9
77 98.8 82.7 122.7

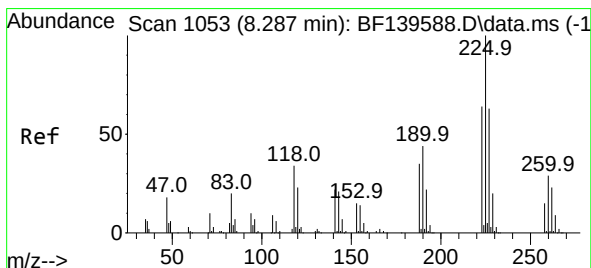
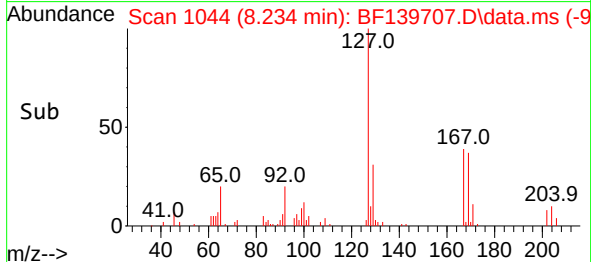
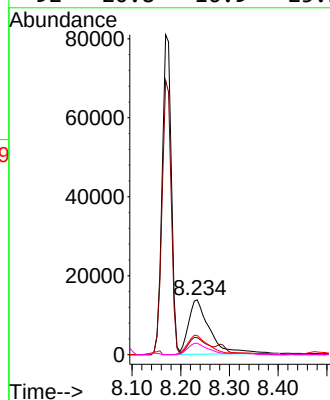
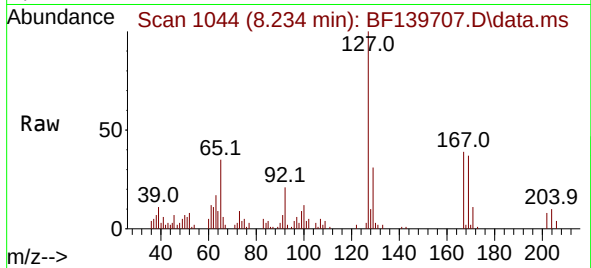




#33
4-Chloroaniline
Concen: 7.575 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

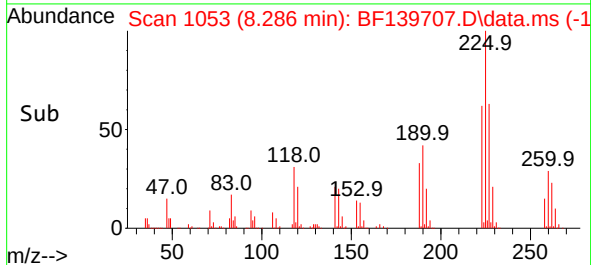
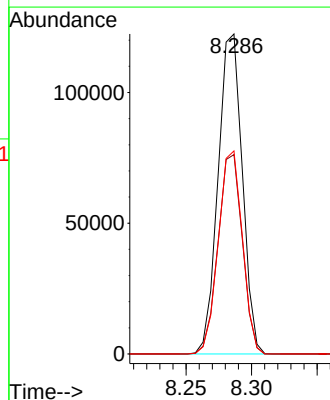
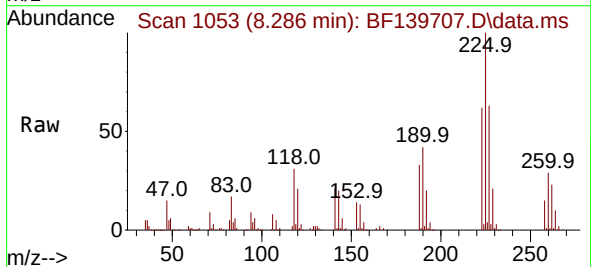
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

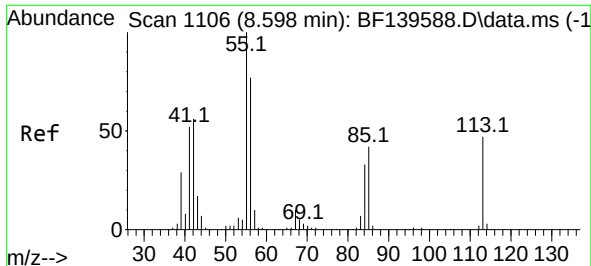
Tgt Ion:	127	Resp:	41515
Ion	Ratio	Lower	Upper
127	100		
129	31.3	26.2	39.4
65	34.8	29.3	43.9
92	20.8	16.9	25.3



#34
Hexachlorobutadiene
Concen: 48.240 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:	225	Resp:	156954
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.9	76.3
227	63.5	50.7	76.1

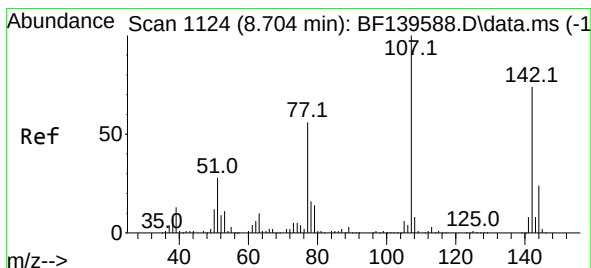
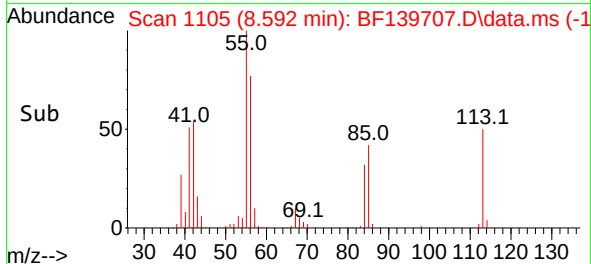
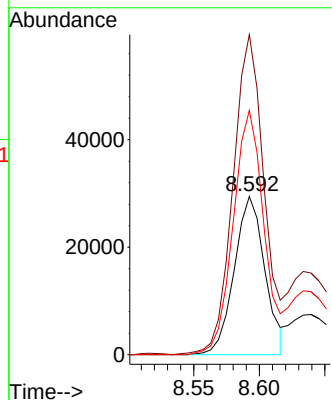
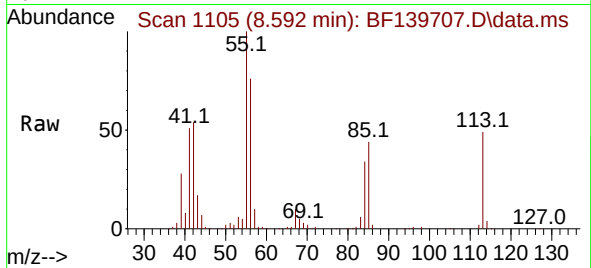




#35
 Caprolactam
 Concen: 32.706 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF139707.D
 Acq: 08 Oct 2024 12:40

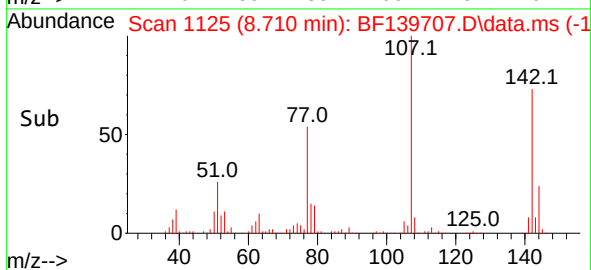
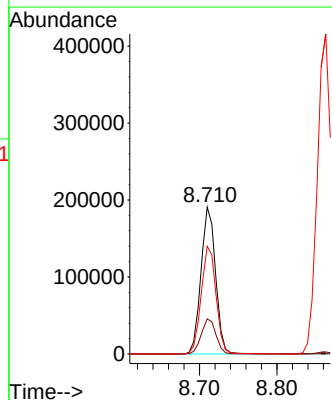
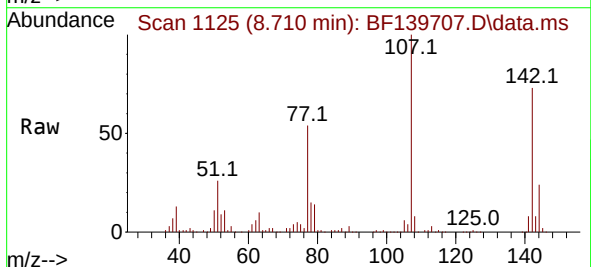
Instrument :
 BNA_F
 ClientSampleId :
 IB-4MSD

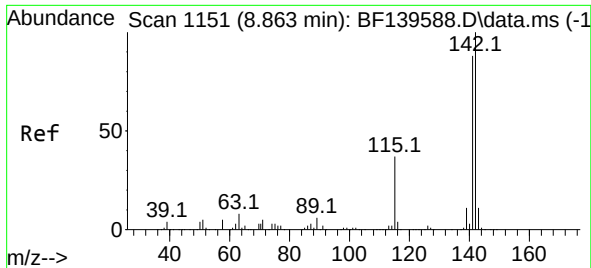
Tgt Ion:113 Resp: 47691
 Ion Ratio Lower Upper
 113 100
 55 202.1 193.4 233.4
 56 154.4 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.687 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139707.D
 Acq: 08 Oct 2024 12:40

Tgt Ion:107 Resp: 250056
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.0 28.6
 142 73.4 59.2 88.8

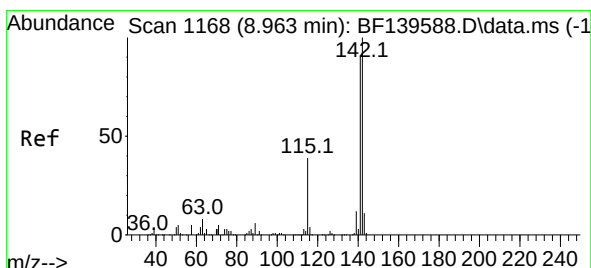
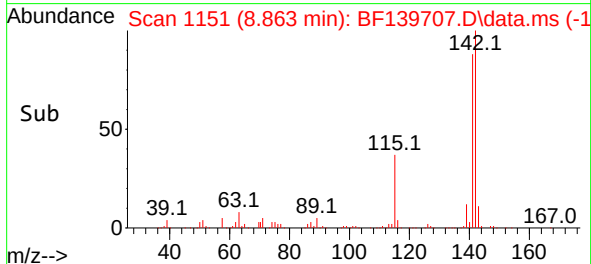
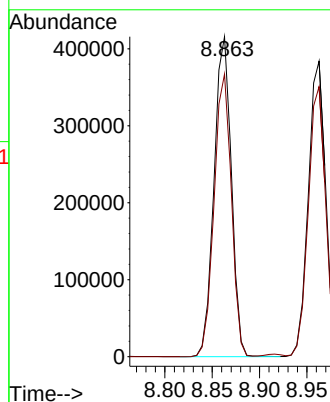
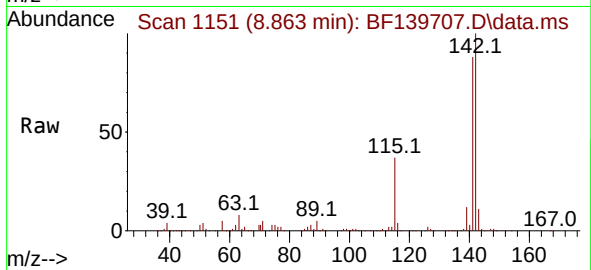




#37
2-Methylnaphthalene
Concen: 49.980 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

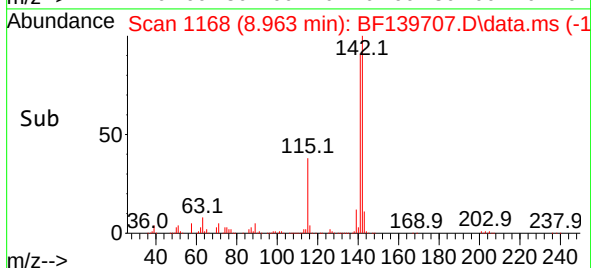
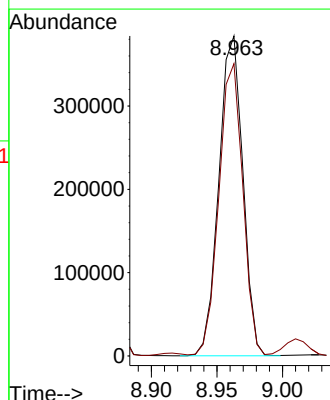
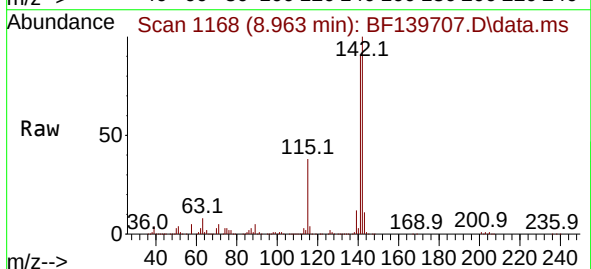
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

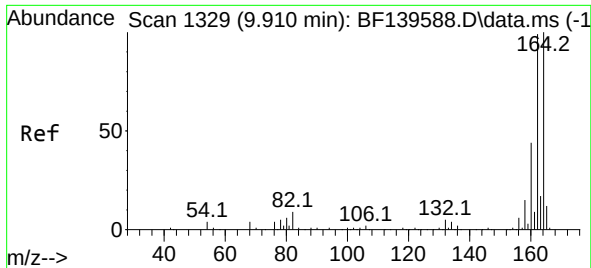
Tgt Ion:142 Resp: 527023
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6



#38
1-Methylnaphthalene
Concen: 47.353 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:142 Resp: 488075
Ion Ratio Lower Upper
142 100
141 91.4 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: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

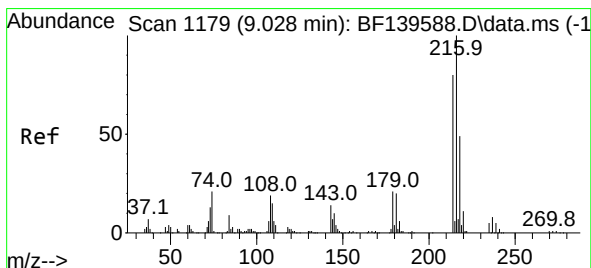
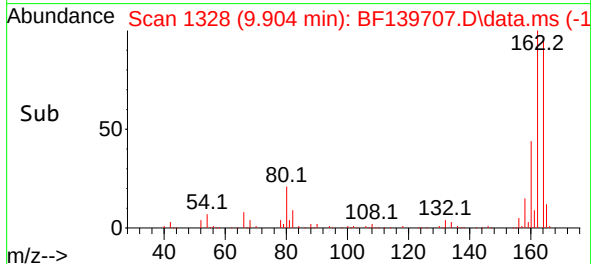
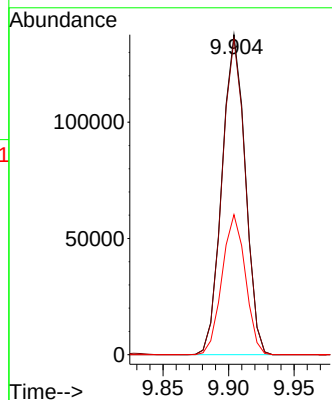
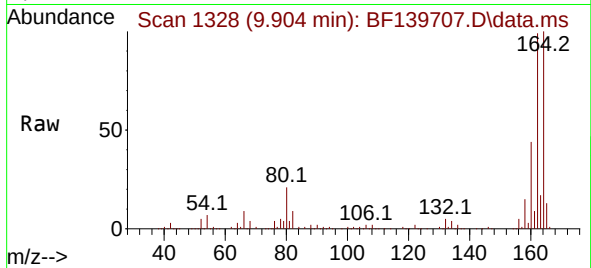
Tgt Ion:164 Resp: 170113

Ion Ratio Lower Upper

164 100

162 98.7 79.4 119.0

160 43.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.499 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Tgt Ion:216 Resp: 247995

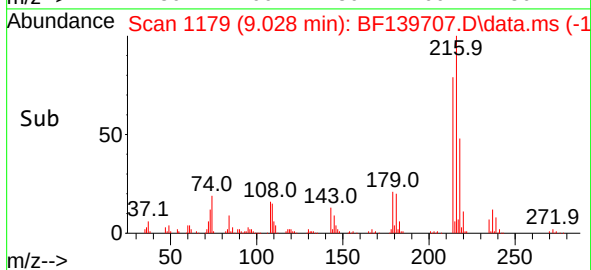
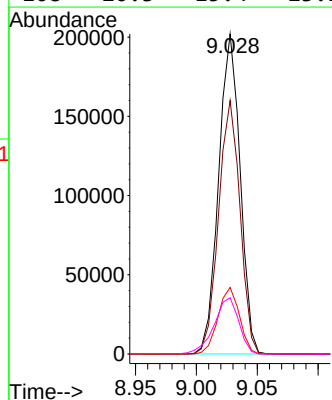
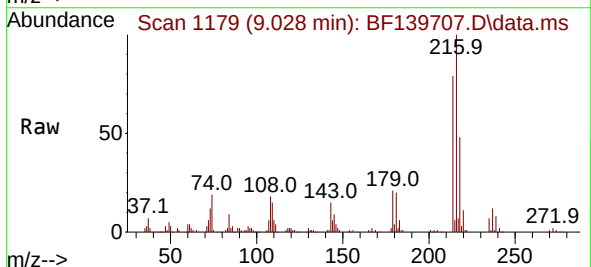
Ion Ratio Lower Upper

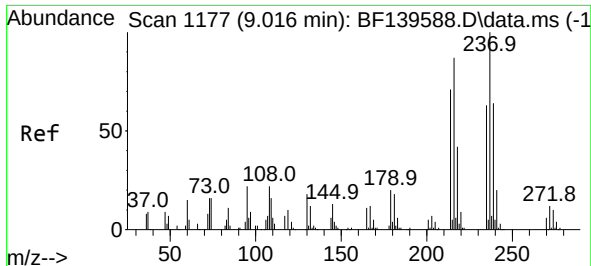
216 100

214 78.9 63.7 95.5

179 20.7 16.9 25.3

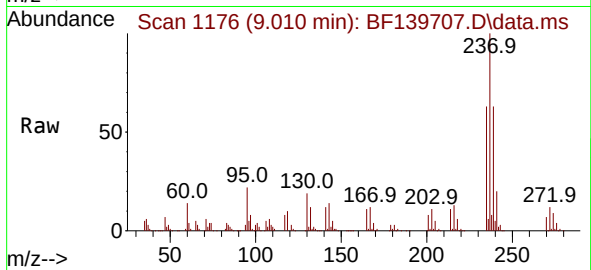
108 20.3 15.4 23.2



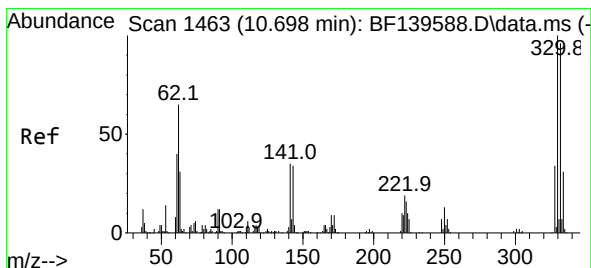
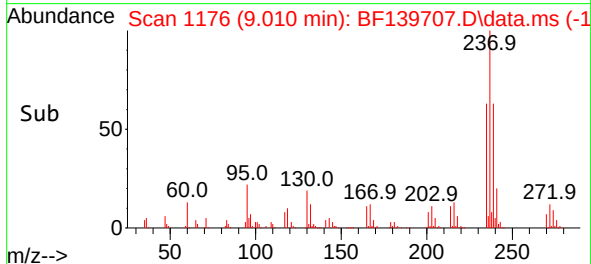
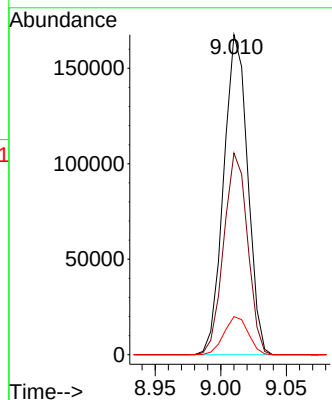


#41
Hexachlorocyclopentadiene
Concen: 147.158 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

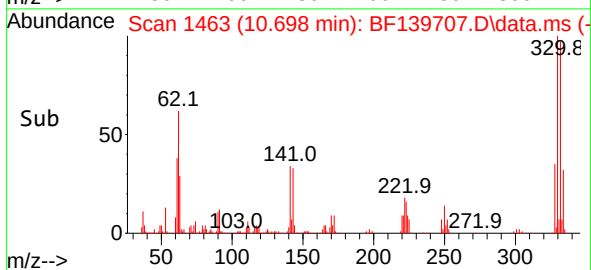
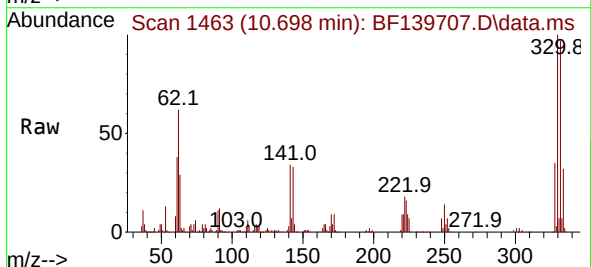
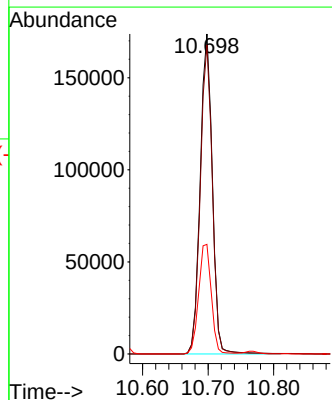


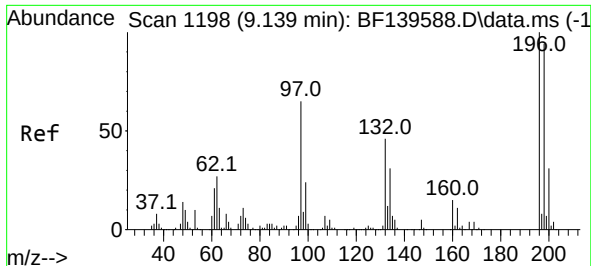
Tgt Ion:237 Resp: 213150
Ion Ratio Lower Upper
237 100
235 63.0 42.5 82.5
272 11.9 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 136.518 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

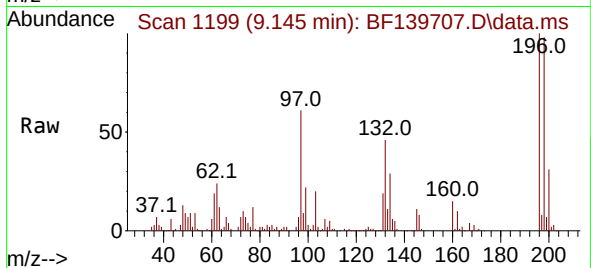
Tgt Ion:330 Resp: 224185
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 35.8 29.3 43.9



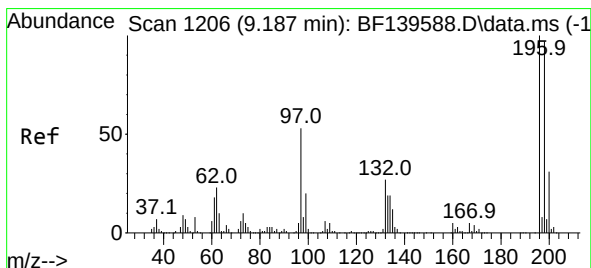
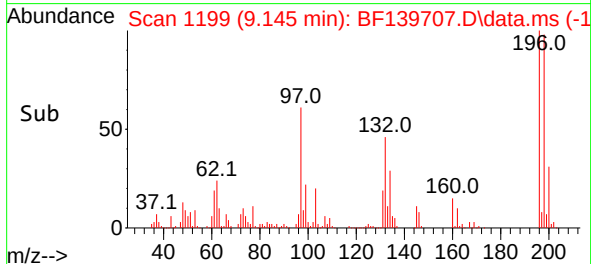
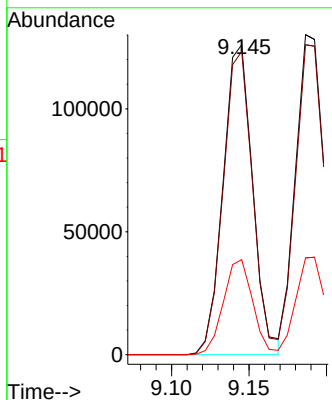


#43
2,4,6-Trichlorophenol
Concen: 52.679 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

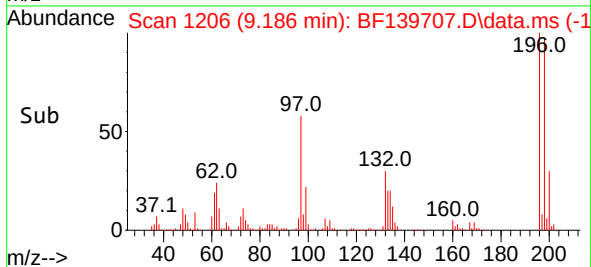
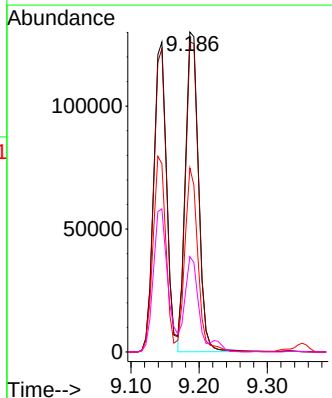
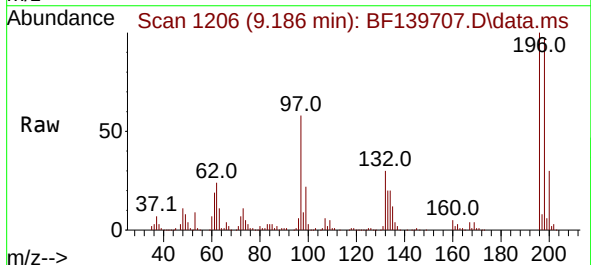


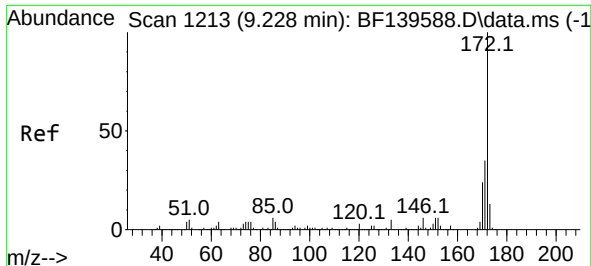
Tgt Ion:196 Resp: 167753
Ion Ratio Lower Upper
196 100
198 97.8 75.2 112.8
200 30.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 50.655 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:196 Resp: 173957
Ion Ratio Lower Upper
196 100
198 96.9 77.5 116.3
97 57.5 43.1 64.7
132 29.8 22.2 33.4

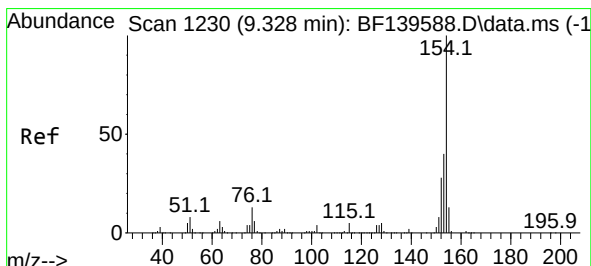
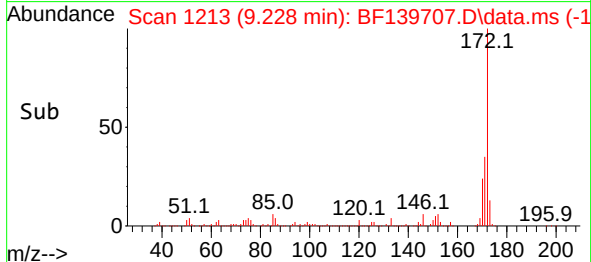
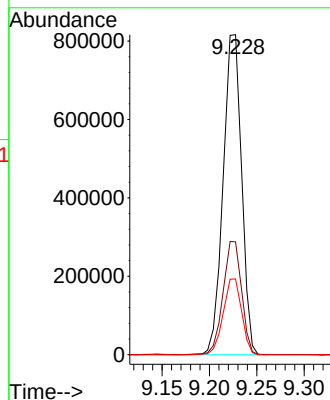
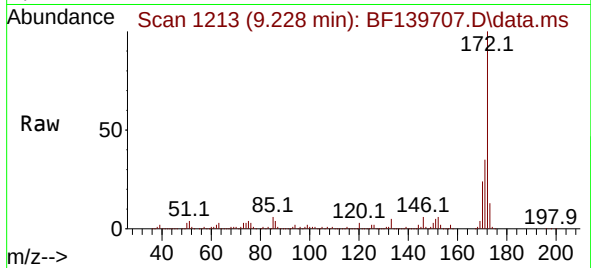




#45
2-Fluorobiphenyl
Concen: 100.165 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

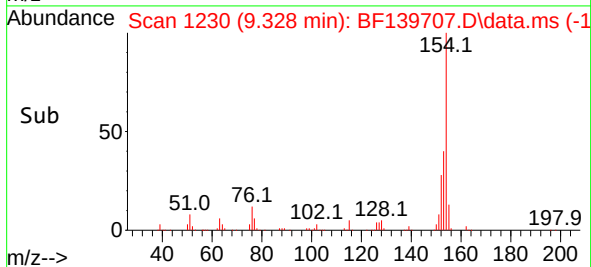
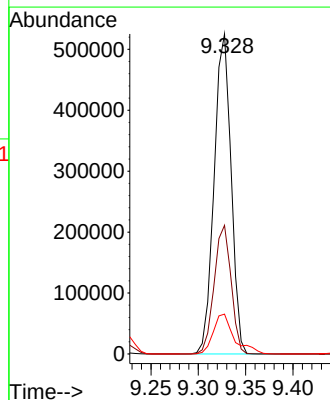
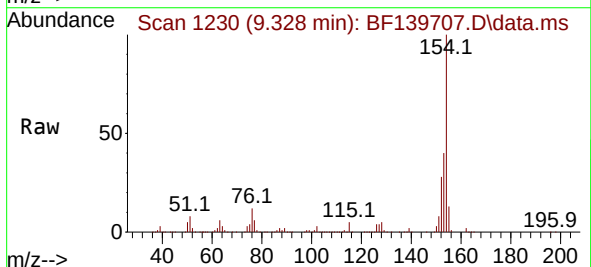
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

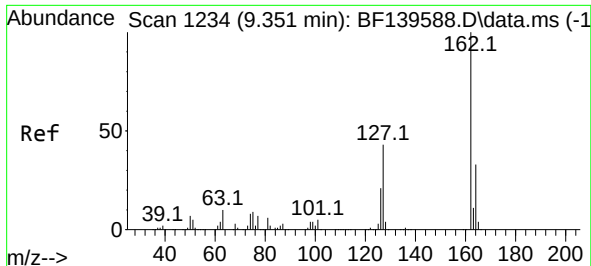
Tgt Ion:172 Resp: 1109929
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 51.802 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:154 Resp: 655424
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 12.4 0.0 32.6

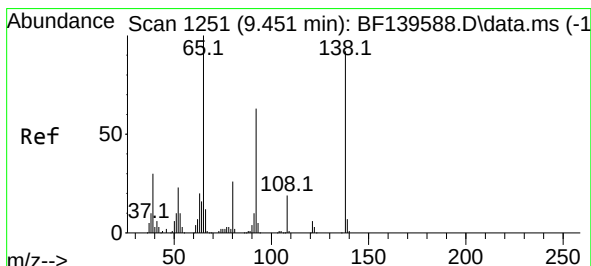
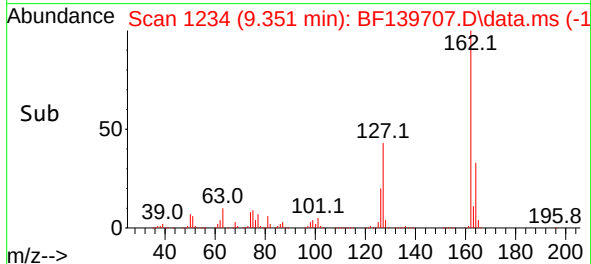
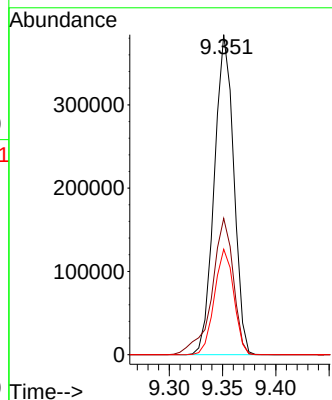
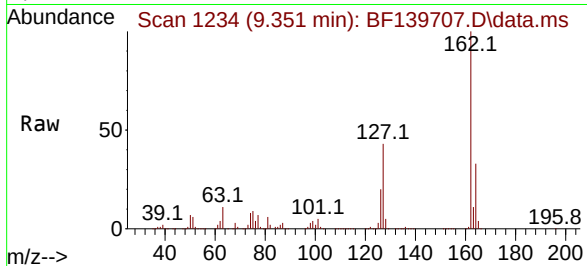




#47
2-Chloronaphthalene
Concen: 51.276 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

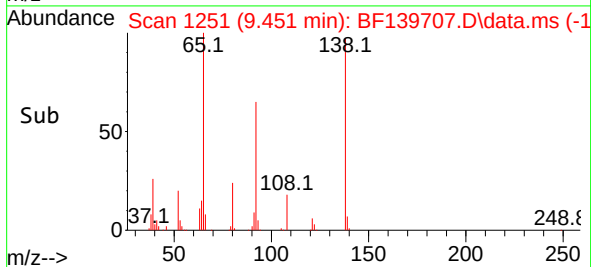
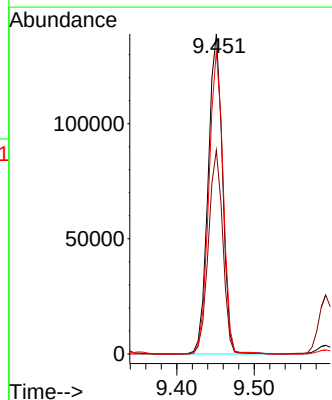
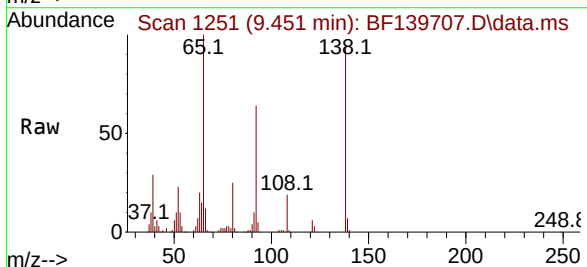
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

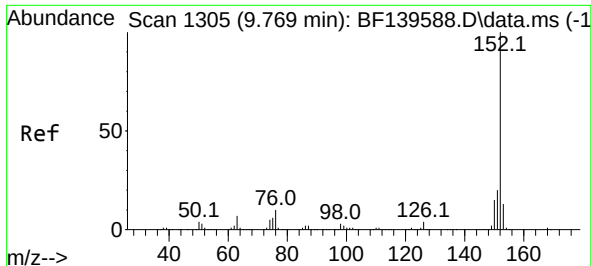
Tgt Ion:162 Resp: 486367
Ion Ratio Lower Upper
162 100
127 42.6 35.0 52.4
164 33.0 26.1 39.1



#48
2-Nitroaniline
Concen: 52.546 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

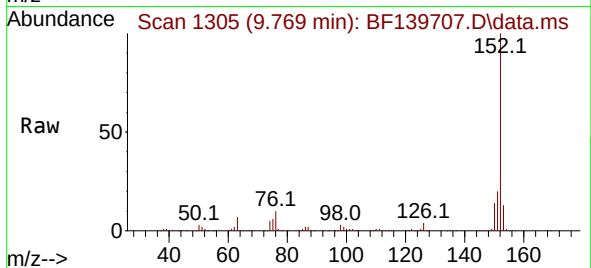
Tgt Ion: 65 Resp: 178914
Ion Ratio Lower Upper
65 100
92 63.6 50.0 75.0
138 94.7 73.8 110.8



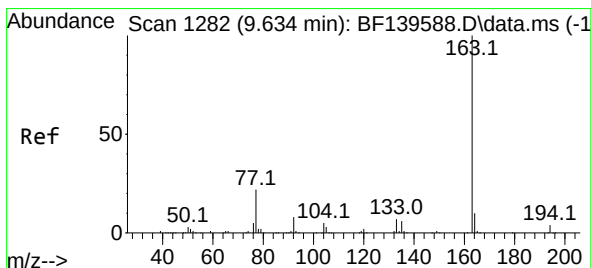
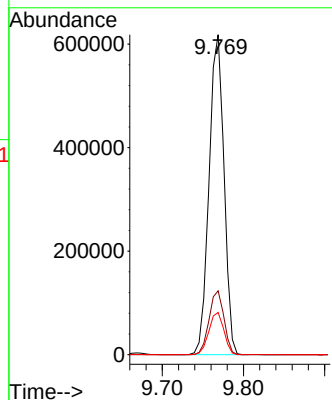
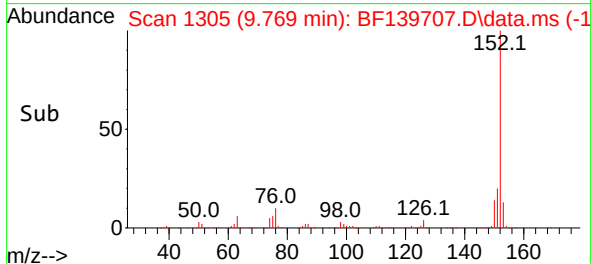


#49
Acenaphthylene
Concen: 54.647 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

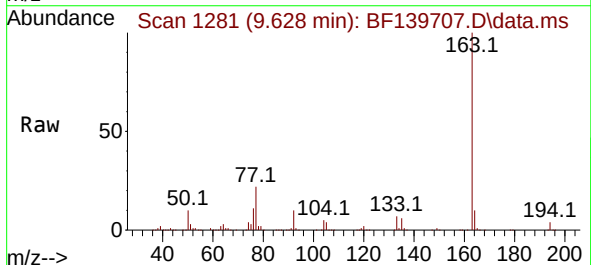
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



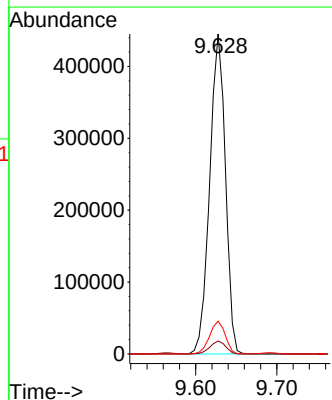
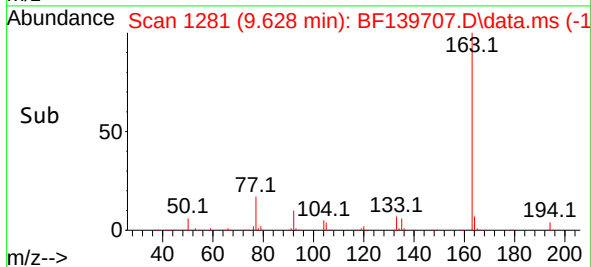
Tgt Ion:152 Resp: 788273
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.5 15.7

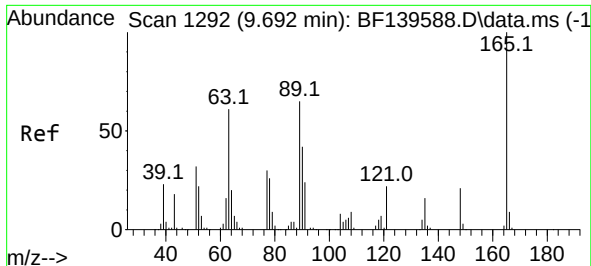


#50
Dimethylphthalate
Concen: 53.602 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40



Tgt Ion:163 Resp: 596898
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 49.816 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

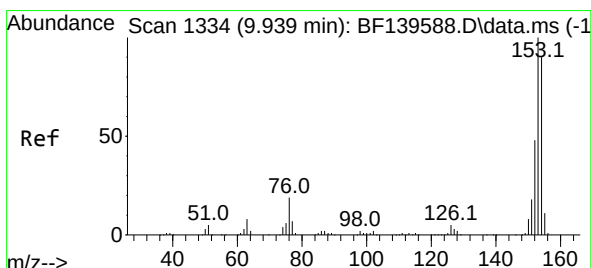
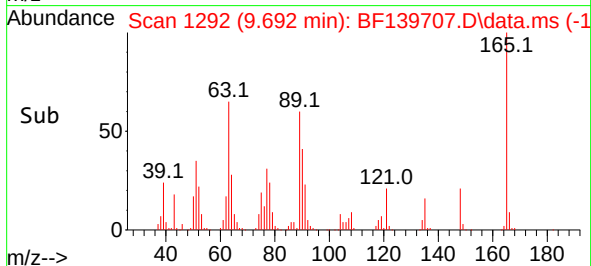
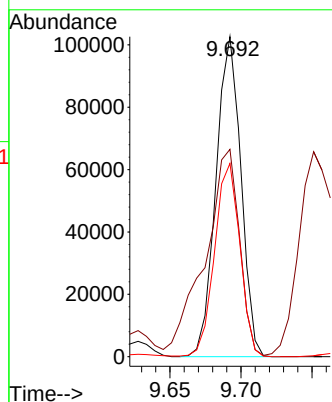
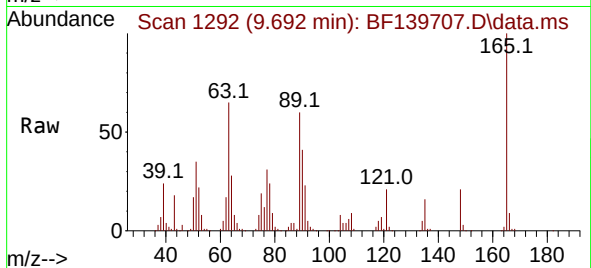
Tgt Ion:165 Resp: 125314

Ion Ratio Lower Upper

165 100

63 64.8 56.7 85.1

89 60.4 51.6 77.4



#52

Acenaphthene

Concen: 49.338 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

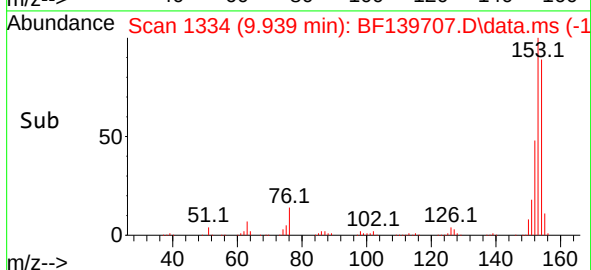
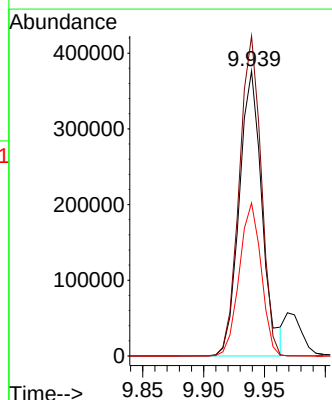
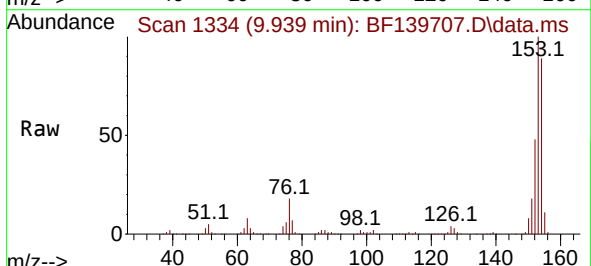
Tgt Ion:154 Resp: 488577

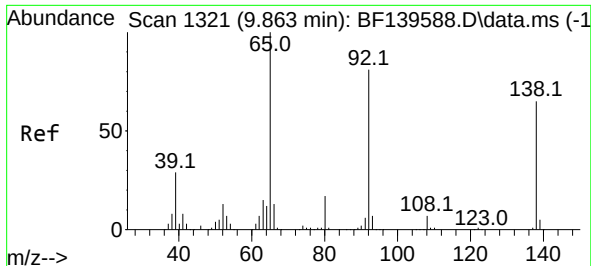
Ion Ratio Lower Upper

154 100

153 112.3 88.8 133.2

152 53.7 42.5 63.7

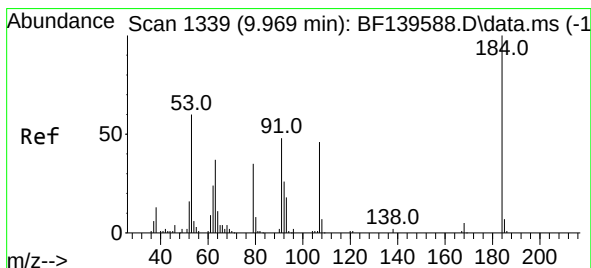
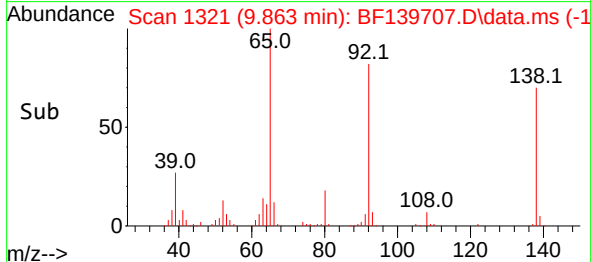
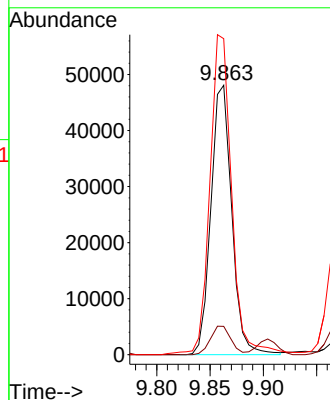
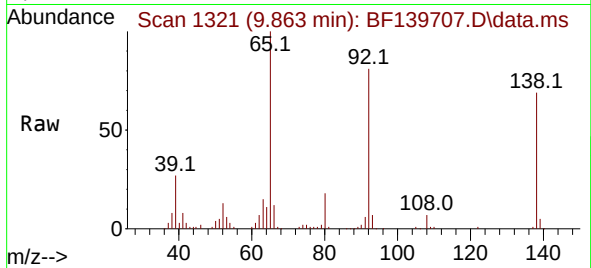




#53
3-Nitroaniline
Concen: 25.465 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

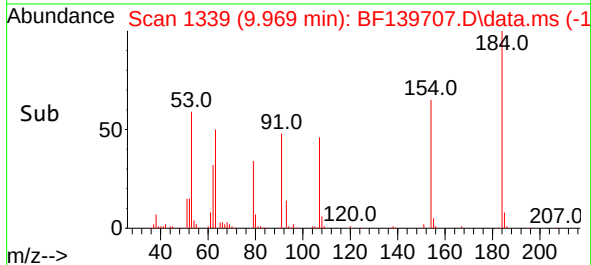
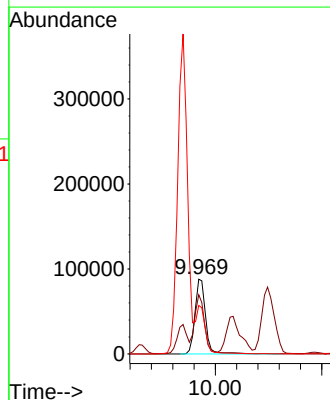
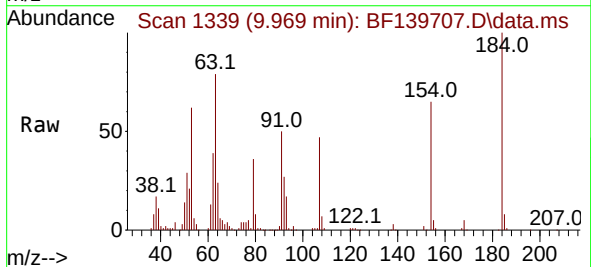
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

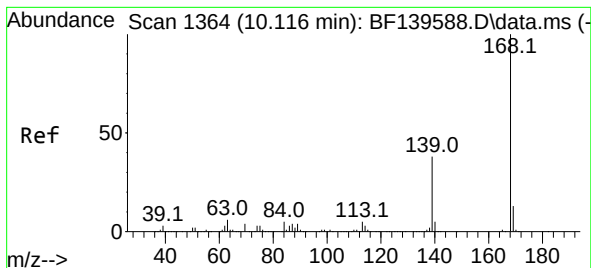
Tgt Ion:138 Resp: 65461
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 117.3 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 90.742 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:184 Resp: 122774
Ion Ratio Lower Upper
184 100
63 79.1 61.7 92.5
154 64.9 53.0 79.4





#55

Dibenzenofuran

Concen: 51.198 ng

RT: 10.110 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

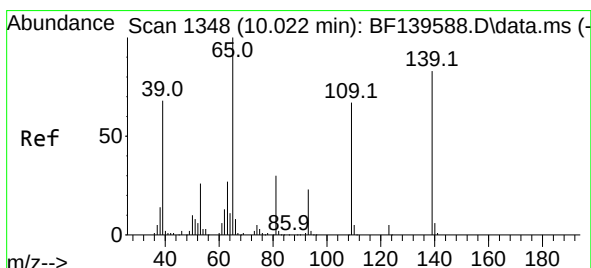
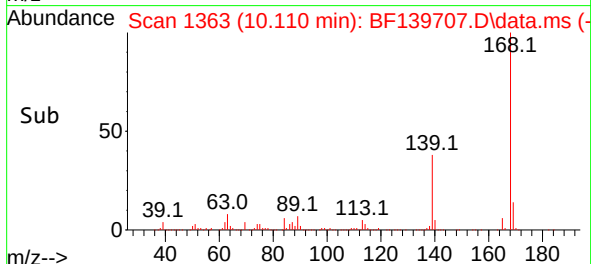
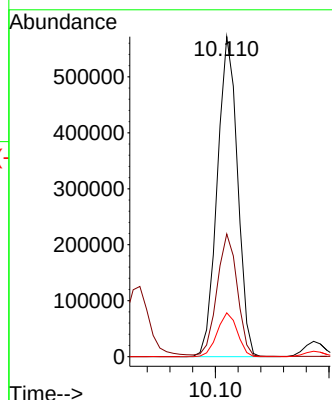
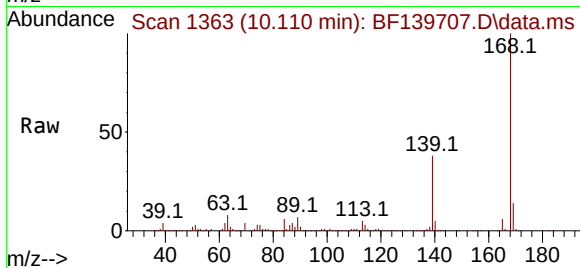
Tgt Ion:168 Resp: 709865

Ion Ratio Lower Upper

168 100

139 38.4 30.4 45.6

169 13.7 10.7 16.1



#56

4-Nitrophenol

Concen: 93.680 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

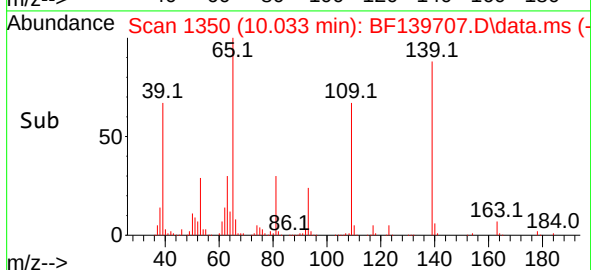
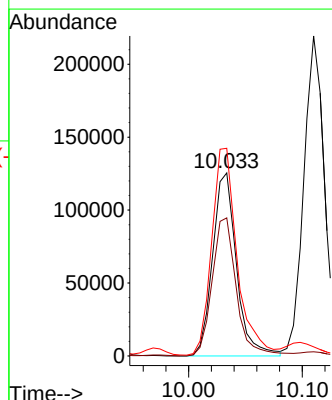
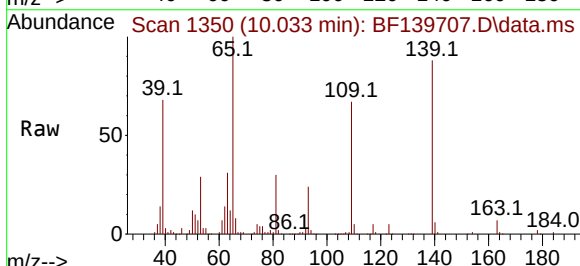
Tgt Ion:139 Resp: 183644

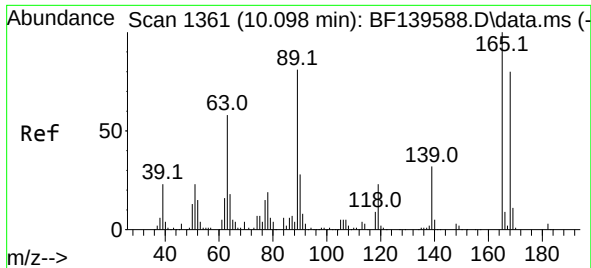
Ion Ratio Lower Upper

139 100

109 75.4 60.3 100.3

65 113.4 100.8 140.8



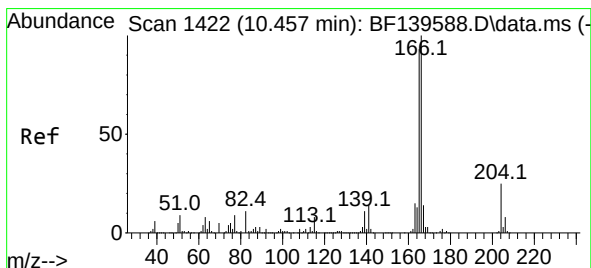
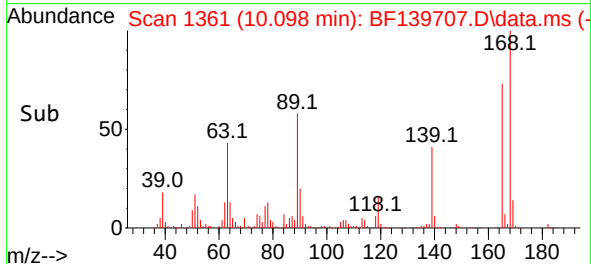
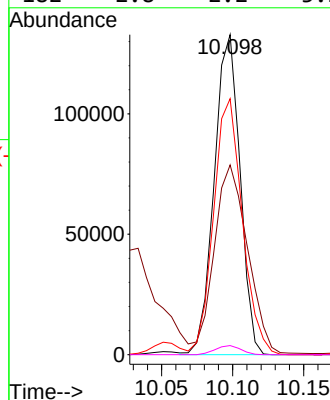
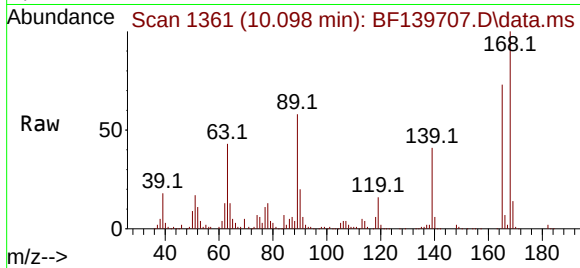


#57
2,4-Dinitrotoluene
Concen: 50.959 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion:165 Resp: 167558

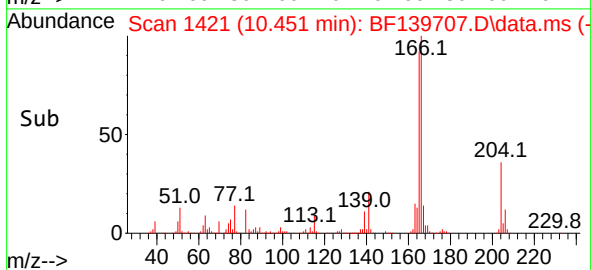
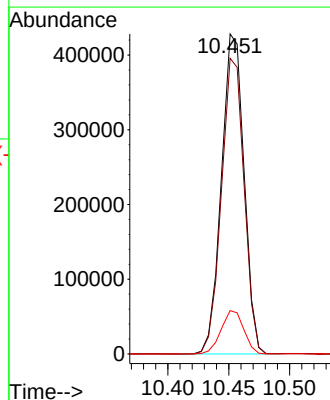
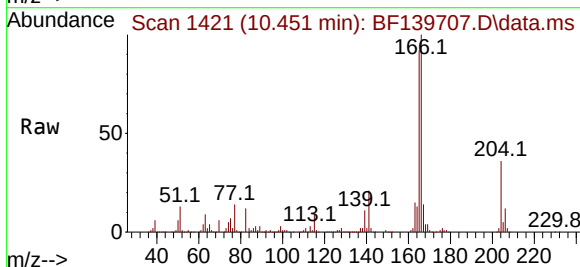
Ion	Ratio	Lower	Upper
165	100		
63	59.3	46.9	70.3
89	80.0	64.4	96.6
182	2.8	2.2	3.2

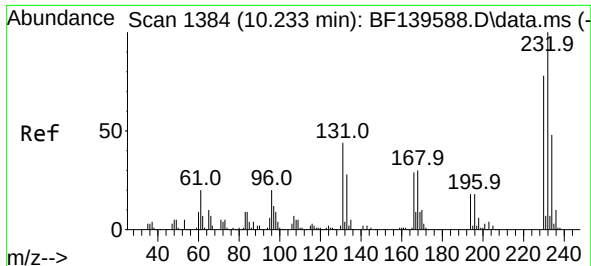


#58
Fluorene
Concen: 50.192 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:166 Resp: 554287

Ion	Ratio	Lower	Upper
166	100		
165	92.4	74.4	111.6
167	13.6	10.9	16.3



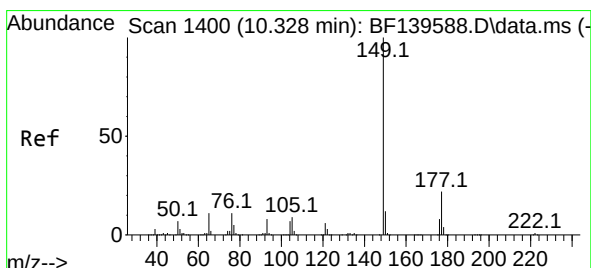
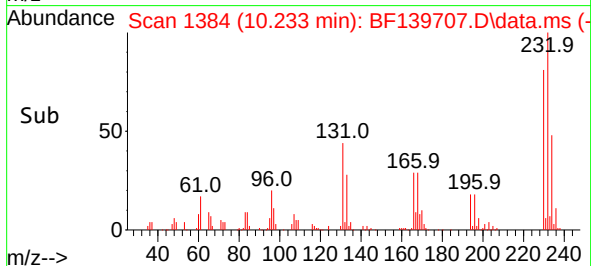
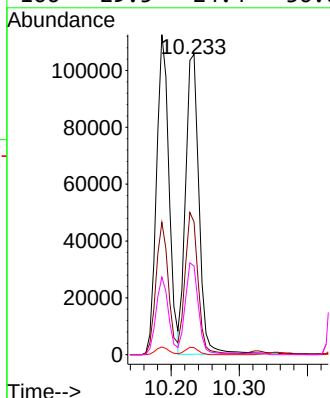
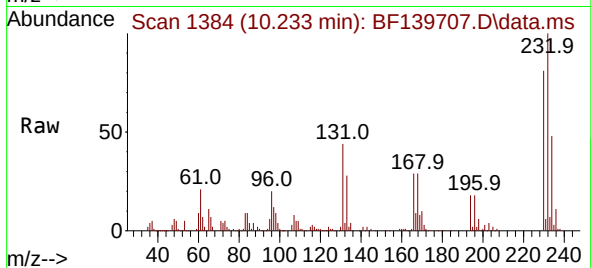


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.486 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion:232 Resp: 142808

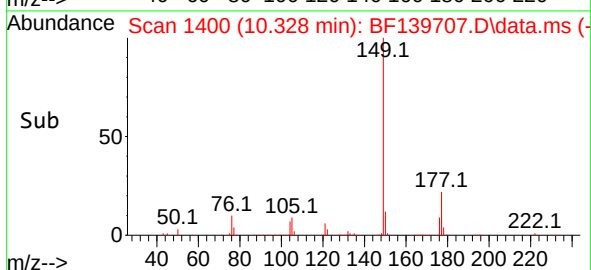
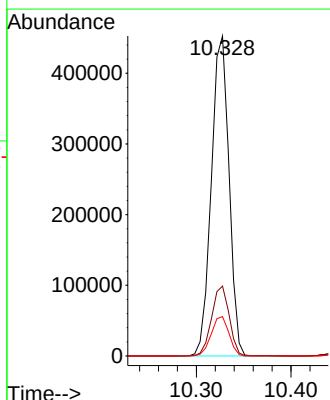
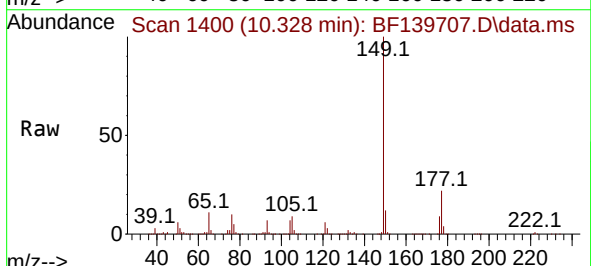
Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.8	56.6
130	2.4	1.9	2.9
166	29.5	24.4	36.6

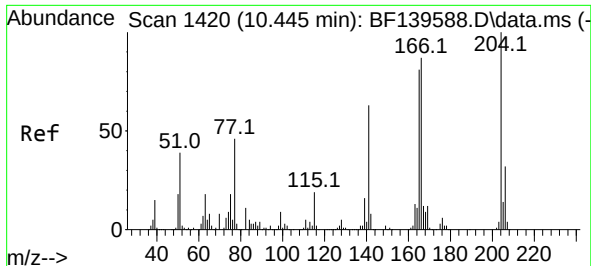


#60
Diethylphthalate
Concen: 50.897 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:149 Resp: 585419

Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.0
150	12.3	10.0	15.0

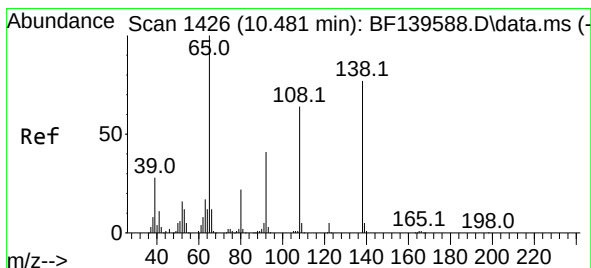
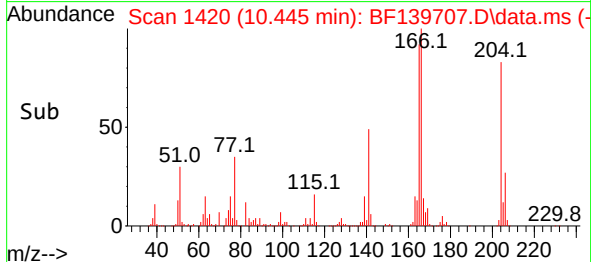
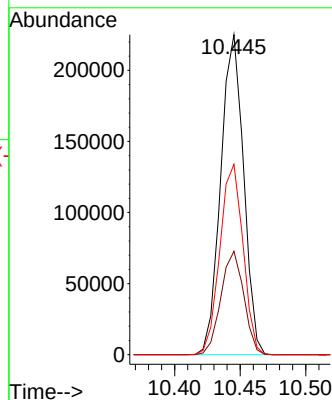
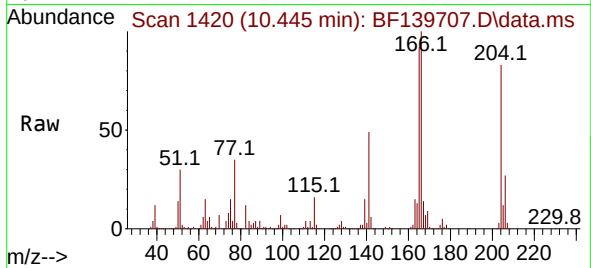




#61
4-Chlorophenyl-phenylether
Concen: 49.319 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

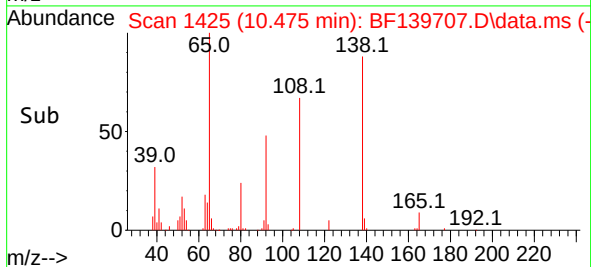
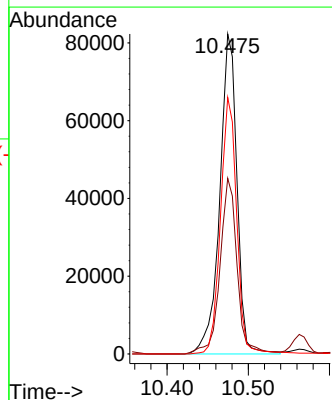
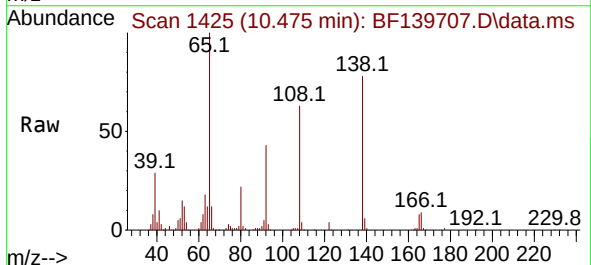
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

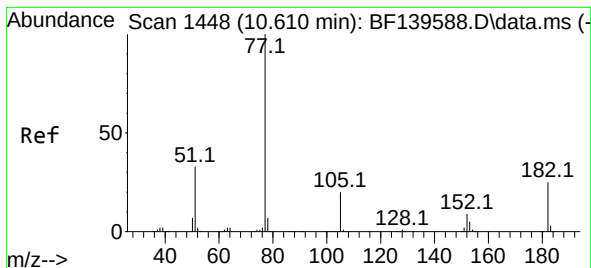
Tgt Ion:204 Resp: 272478
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 59.5 50.5 75.7



#62
4-Nitroaniline
Concen: 46.275 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:138 Resp: 121679
Ion Ratio Lower Upper
138 100
92 54.9 33.3 73.3
108 80.1 62.1 102.1





#63

Azobenzene

Concen: 50.410 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

Tgt Ion: 77 Resp: 583099

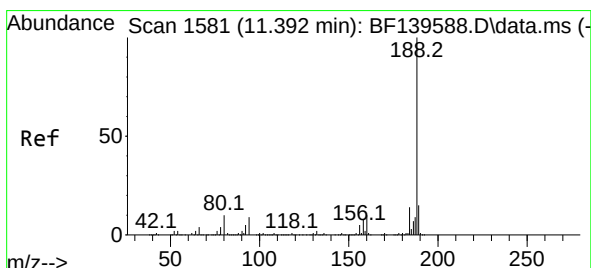
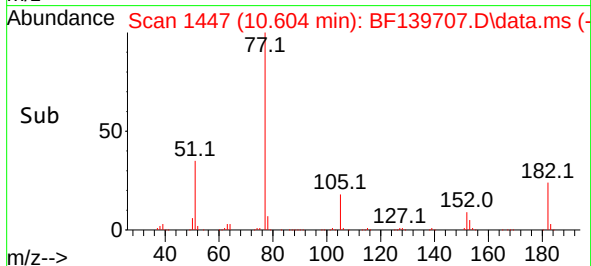
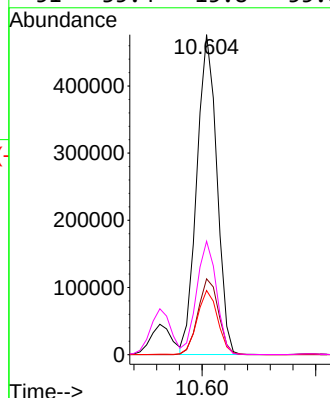
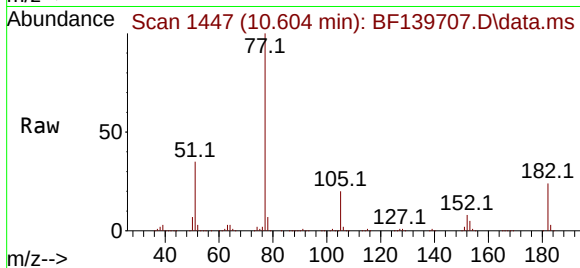
Ion Ratio Lower Upper

77 100

182 23.7 4.2 44.2

105 20.0 0.0 39.6

51 35.4 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: BF139707.D

Acq: 08 Oct 2024 12:40

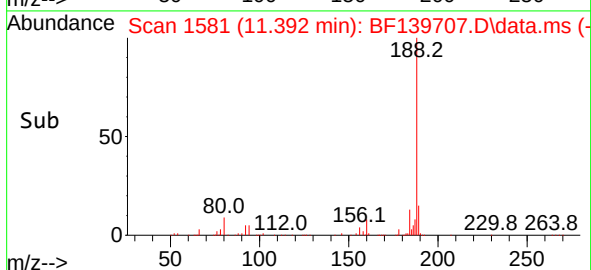
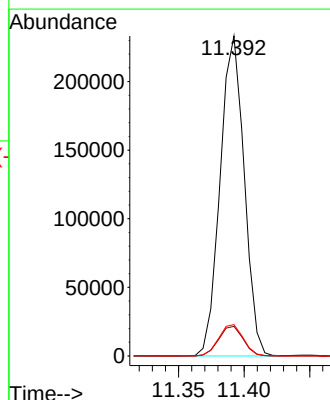
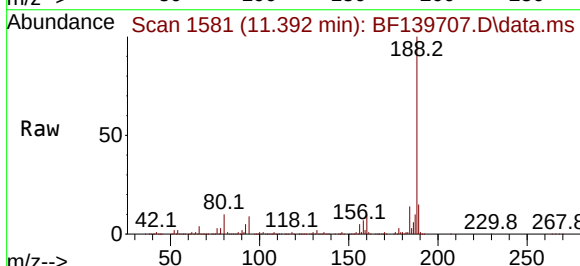
Tgt Ion:188 Resp: 297500

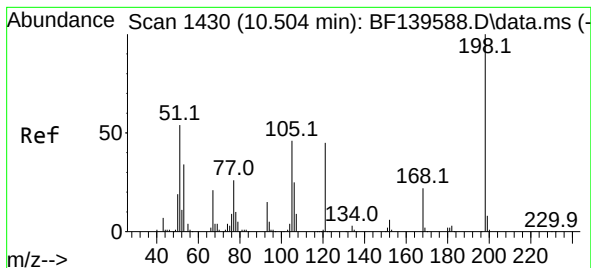
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 9.8 8.2 12.2

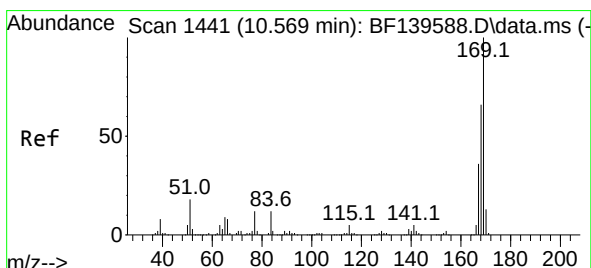
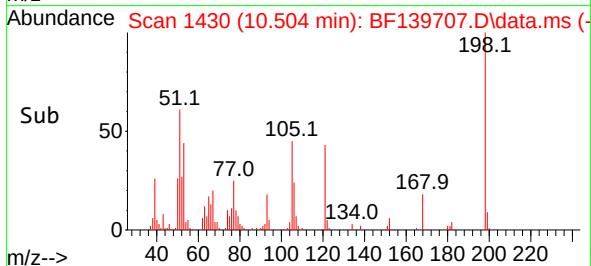
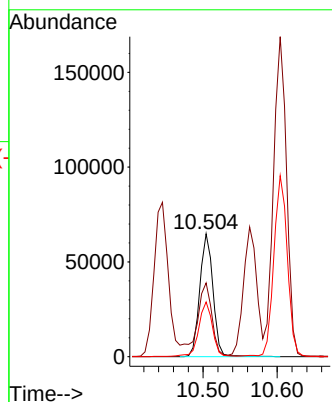
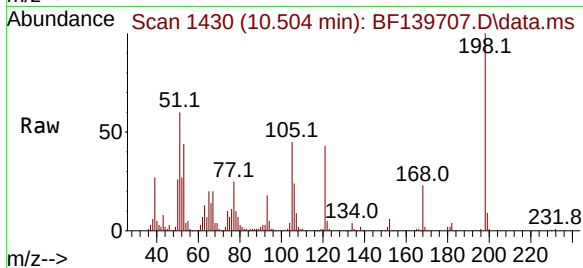




#65
4,6-Dinitro-2-methylphenol
Concen: 47.634 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

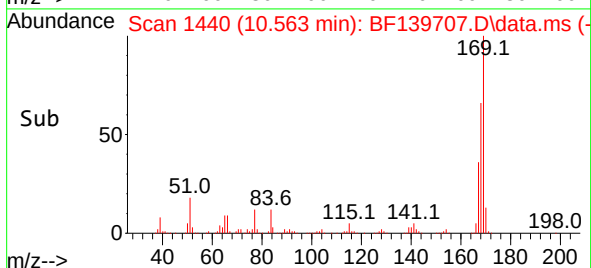
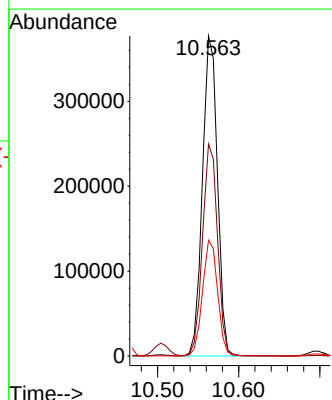
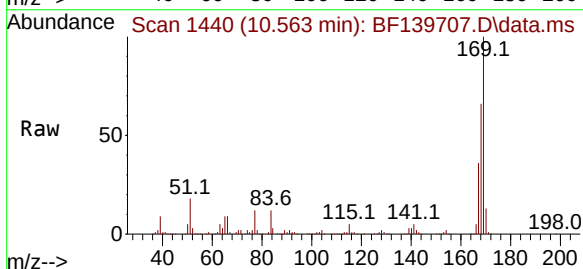
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

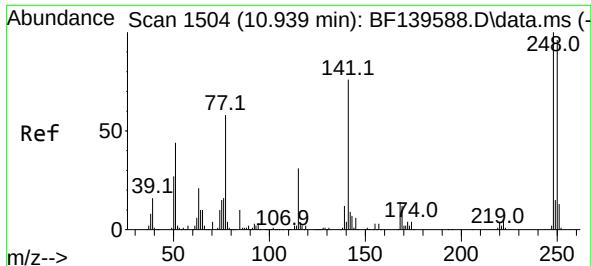
Tgt Ion:198 Resp: 80036
Ion Ratio Lower Upper
198 100
51 60.1 43.0 83.0
105 44.5 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 54.943 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:169 Resp: 481810
Ion Ratio Lower Upper
169 100
168 66.2 53.2 79.8
167 36.2 28.6 43.0

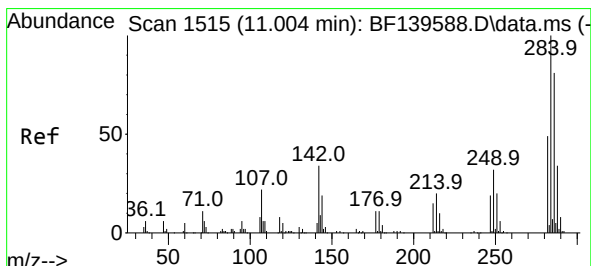
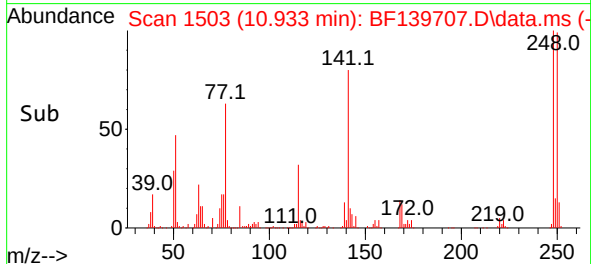
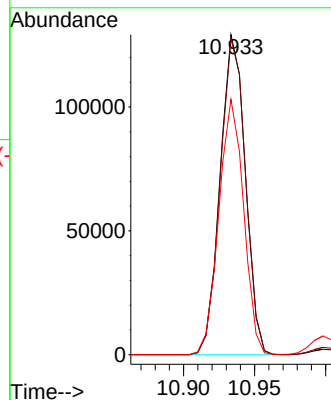
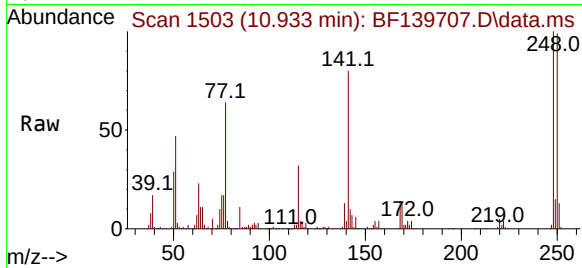




#67
4-Bromophenyl-phenylether
Concen: 52.083 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

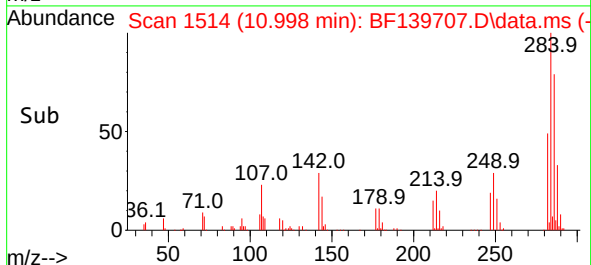
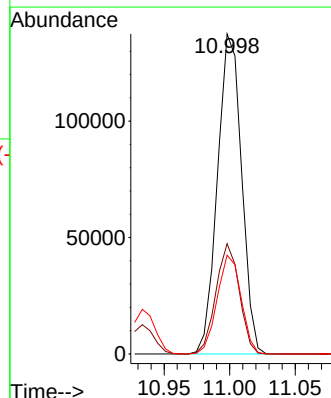
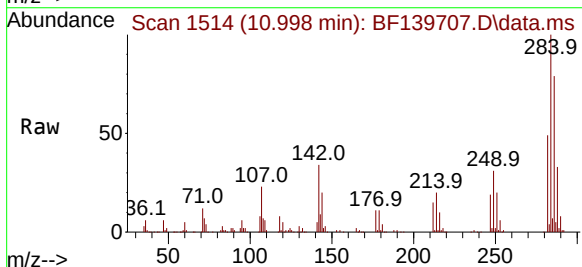
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

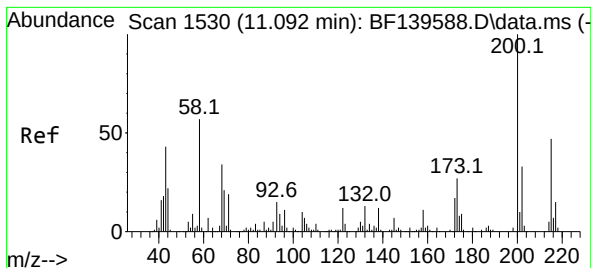
Tgt Ion:248 Resp: 158867
Ion Ratio Lower Upper
248 100
250 98.8 77.1 115.7
141 79.8 60.4 90.6



#68
Hexachlorobenzene
Concen: 51.782 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:284 Resp: 175270
Ion Ratio Lower Upper
284 100
142 34.5 26.9 40.3
249 30.9 25.4 38.0





#69

Atrazine

Concen: 64.265 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

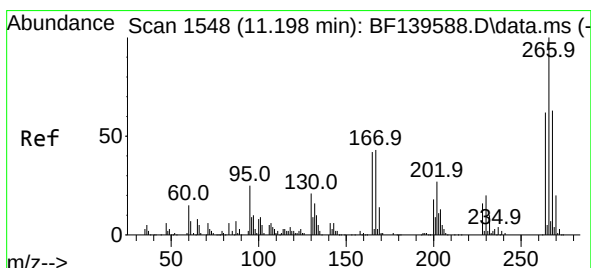
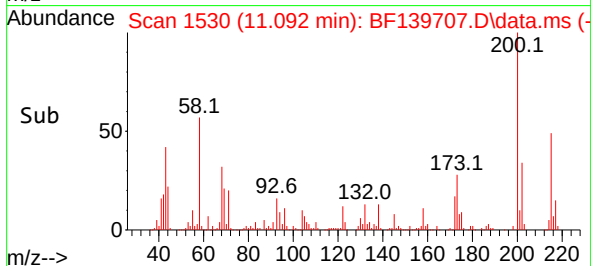
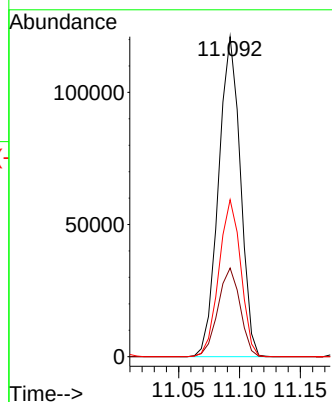
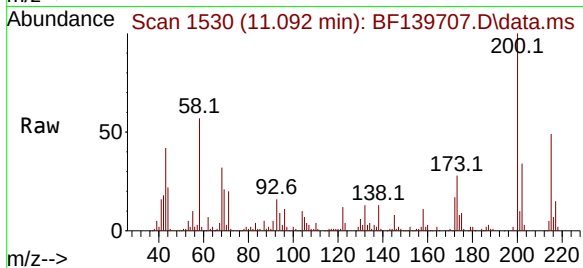
Tgt Ion:200 Resp: 151202

Ion Ratio Lower Upper

200 100

173 27.7 6.7 46.7

215 49.0 27.5 67.5



#70

Pentachlorophenol

Concen: 98.757 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

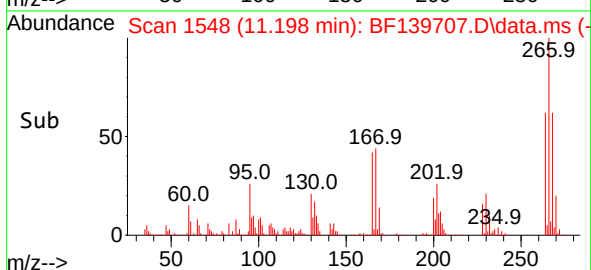
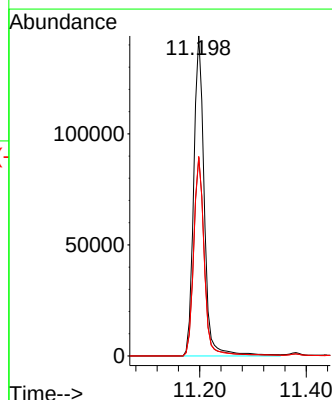
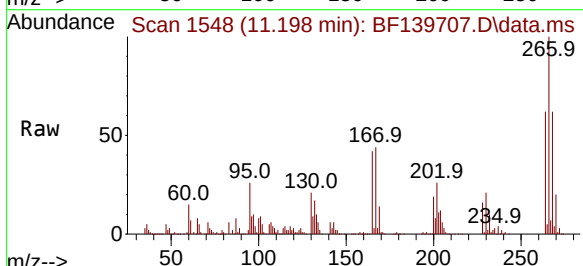
Tgt Ion:266 Resp: 199039

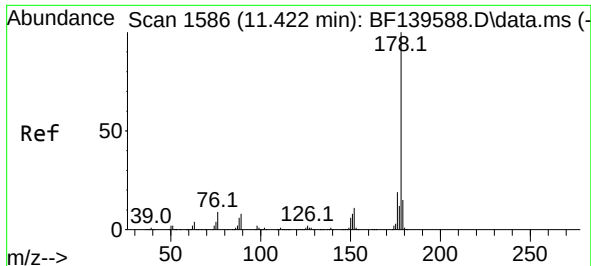
Ion Ratio Lower Upper

266 100

268 62.0 50.0 75.0

264 62.4 49.3 73.9

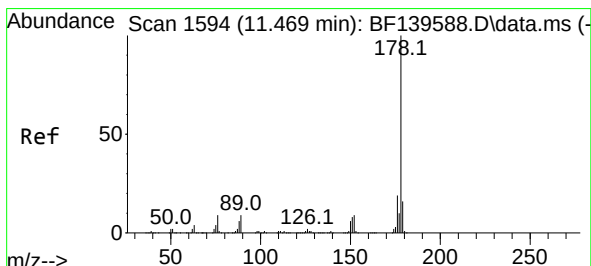
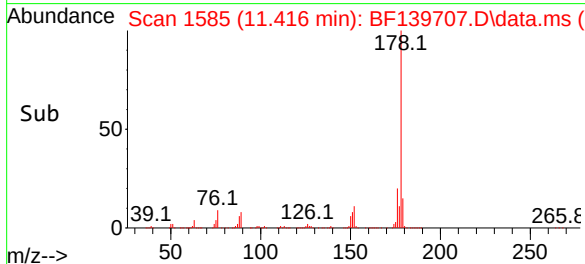
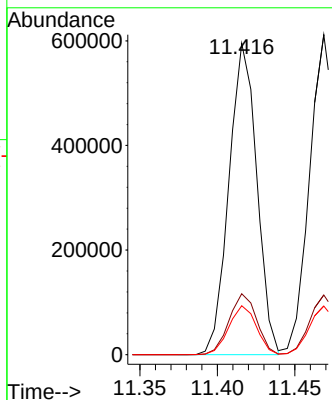
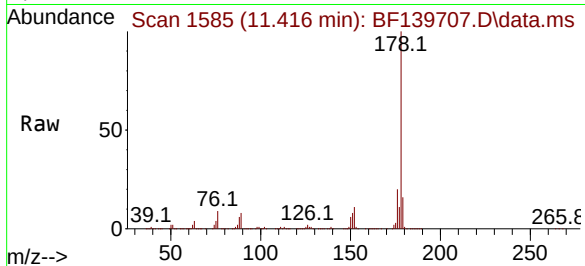




#71
Phenanthrene
Concen: 53.019 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

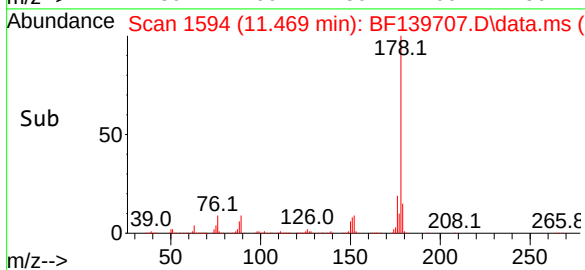
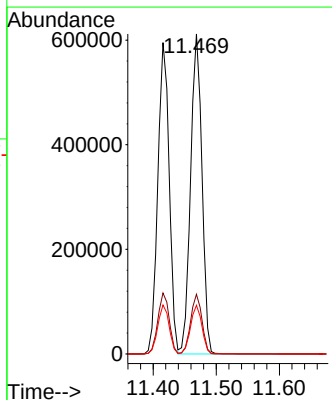
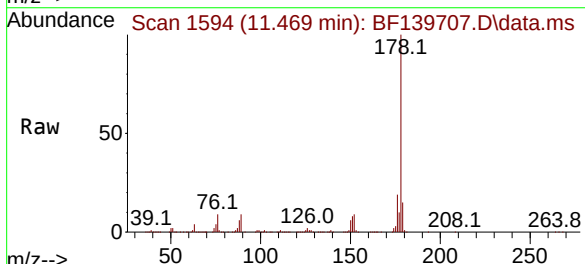
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

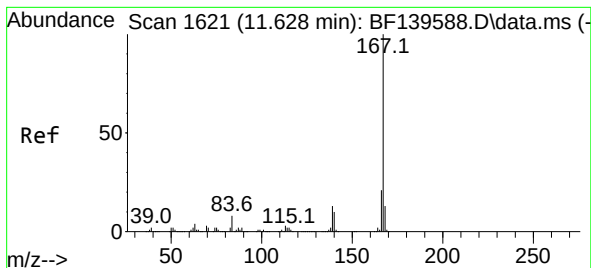
Tgt Ion:178 Resp: 743720
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.7 12.3 18.5



#72
Anthracene
Concen: 55.168 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:178 Resp: 765582
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.2 12.5 18.7





#73

Carbazole

Concen: 52.193 ng

RT: 11.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

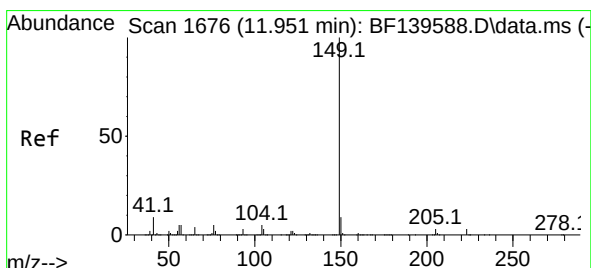
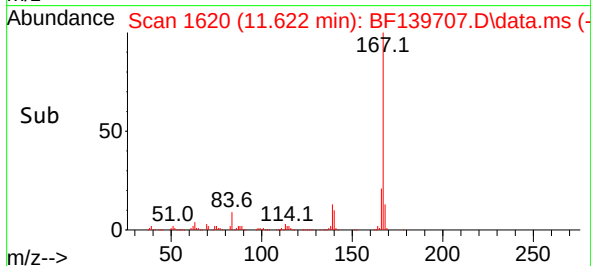
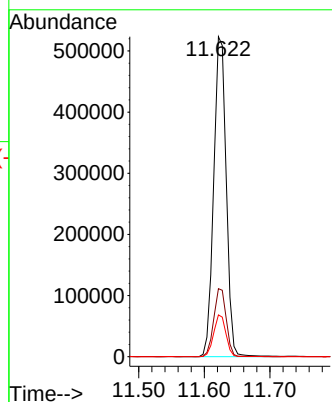
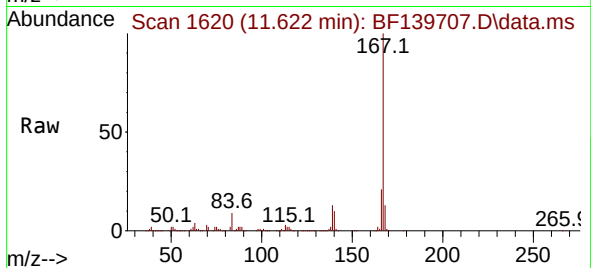
Tgt Ion:167 Resp: 695653

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 53.853 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

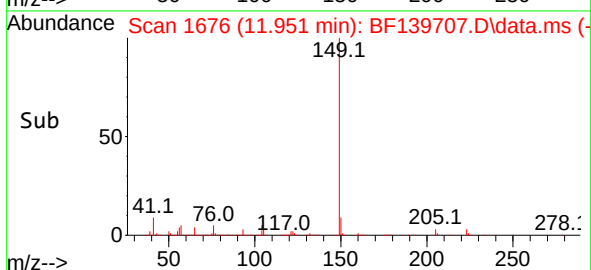
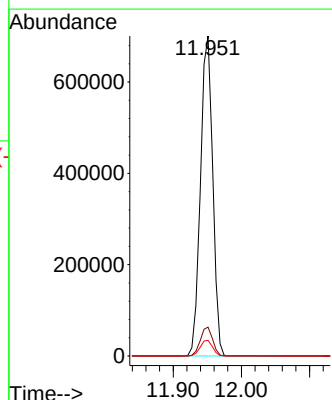
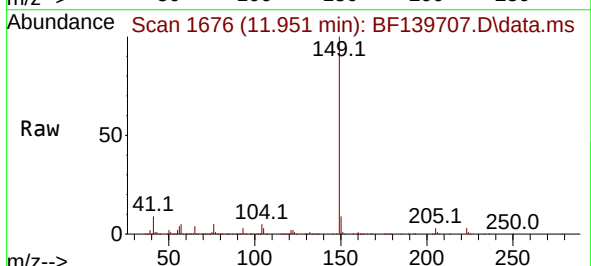
Tgt Ion:149 Resp: 872841

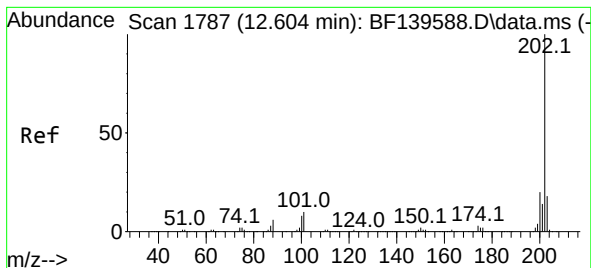
Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 49.719 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

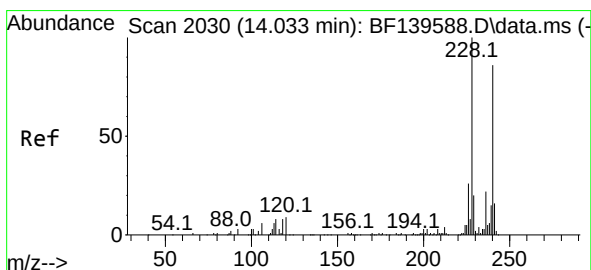
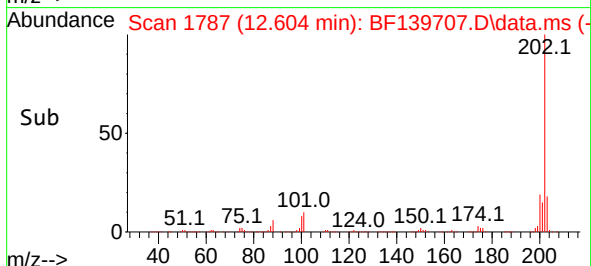
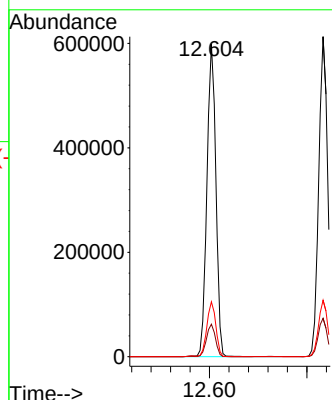
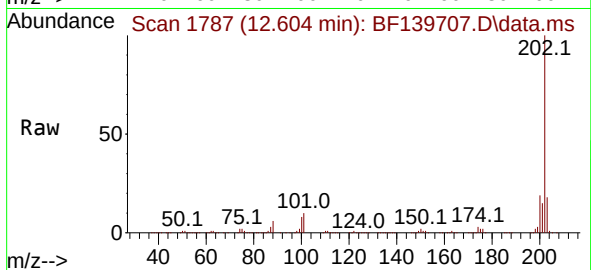
Tgt Ion:202 Resp: 762395

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.2

203 17.6 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: BF139707.D

Acq: 08 Oct 2024 12:40

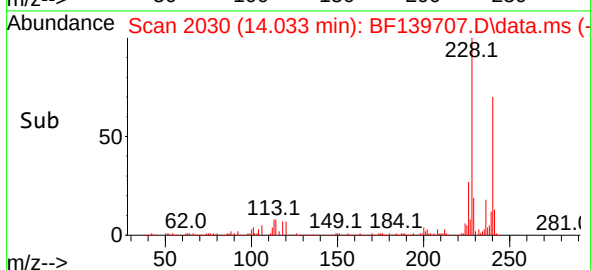
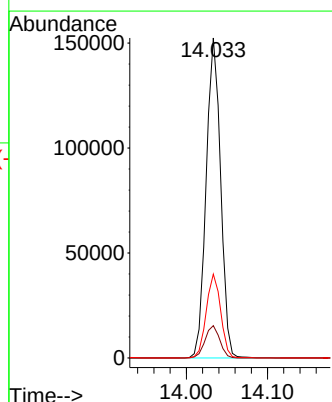
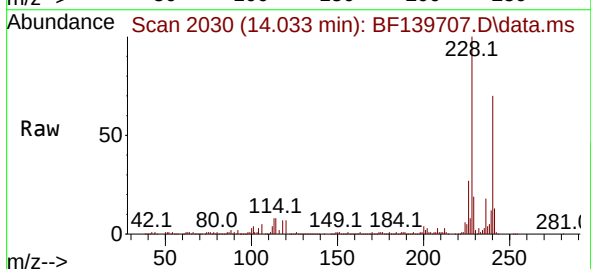
Tgt Ion:240 Resp: 187972

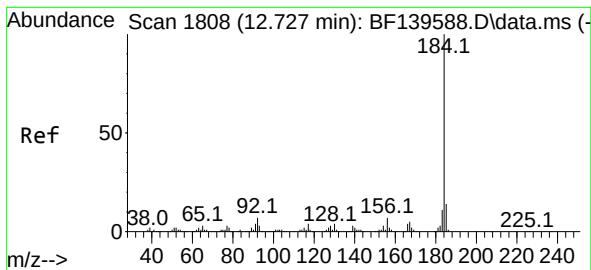
Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 26.2 20.3 30.5





#77

Benzidine

Concen: 31.627 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

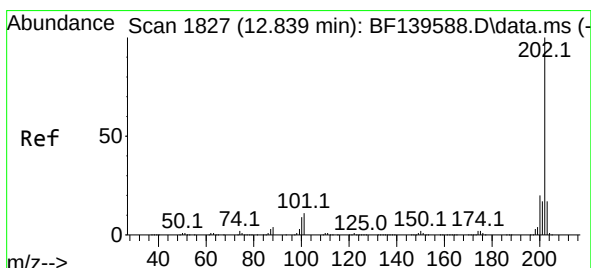
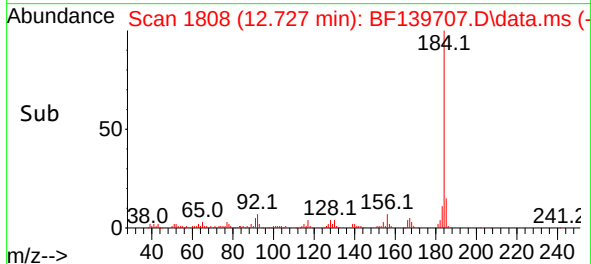
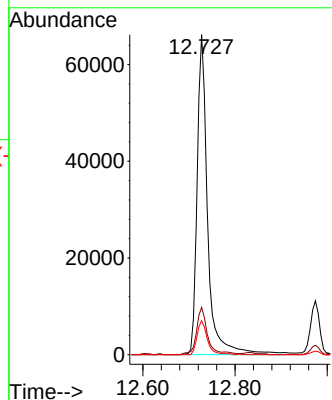
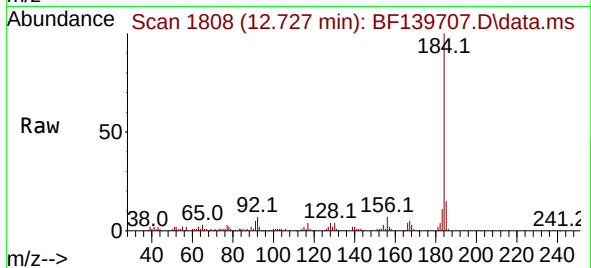
Tgt Ion:184 Resp: 104863

Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.0

183 10.6 8.8 13.2



#78

Pyrene

Concen: 46.226 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

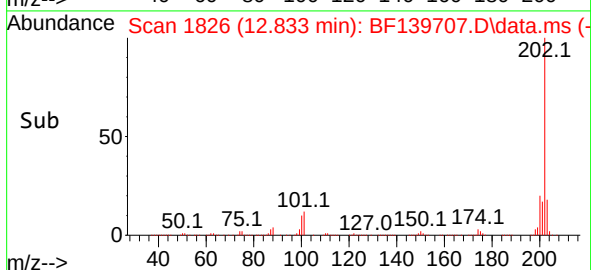
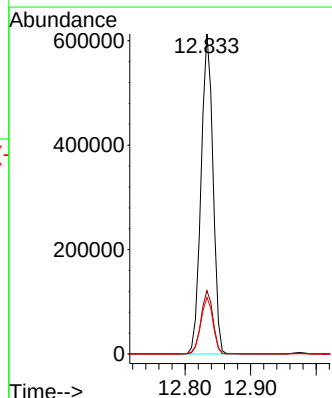
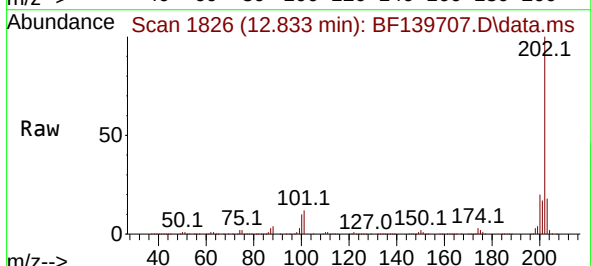
Tgt Ion:202 Resp: 777153

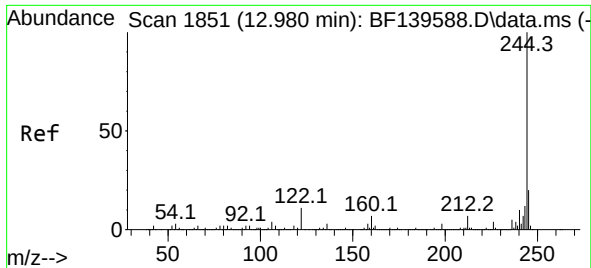
Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.6

203 17.6 13.8 20.8

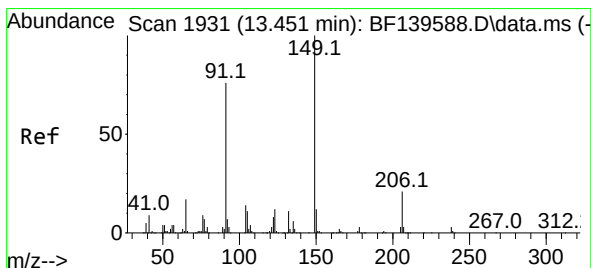
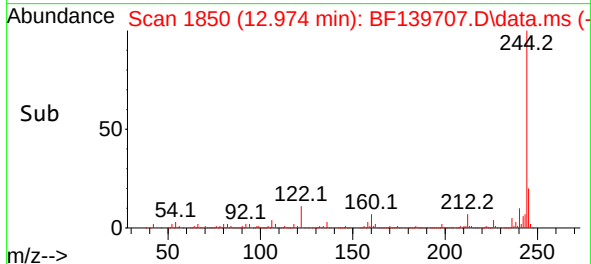
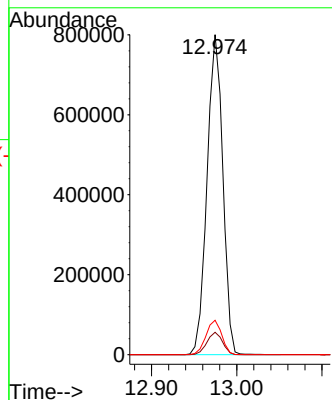
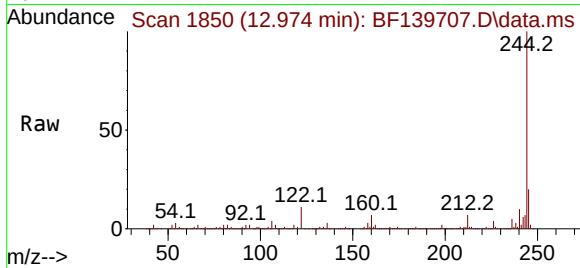




#79
 Terphenyl-d14
 Concen: 89.874 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139707.D
 Acq: 08 Oct 2024 12:40

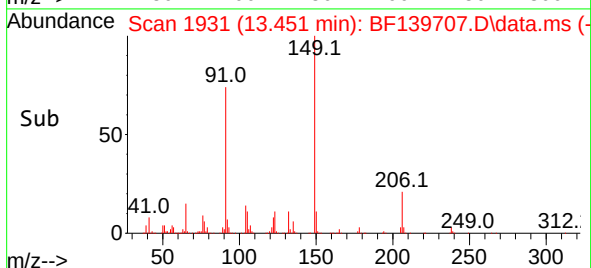
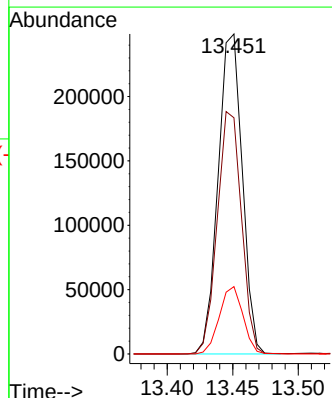
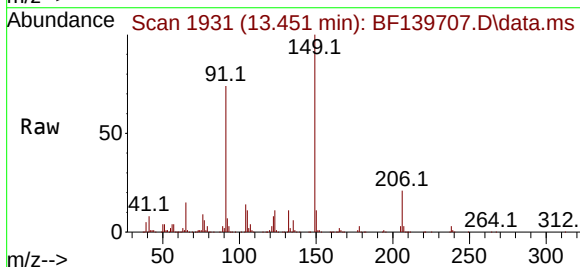
Instrument :
 BNA_F
 ClientSampleId :
 IB-4MSD

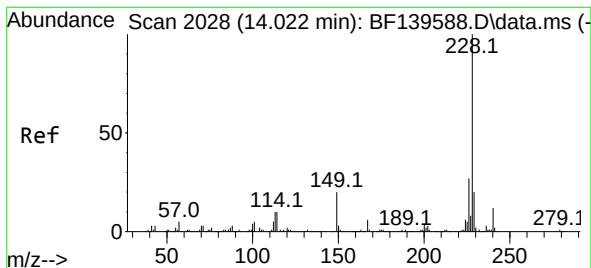
Tgt Ion:244 Resp: 1029591
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.8 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 52.958 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139707.D
 Acq: 08 Oct 2024 12:40

Tgt Ion:149 Resp: 318463
 Ion Ratio Lower Upper
 149 100
 91 73.8 61.0 91.4
 206 21.0 16.6 24.8





#81

Benzo(a)anthracene

Concen: 52.822 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

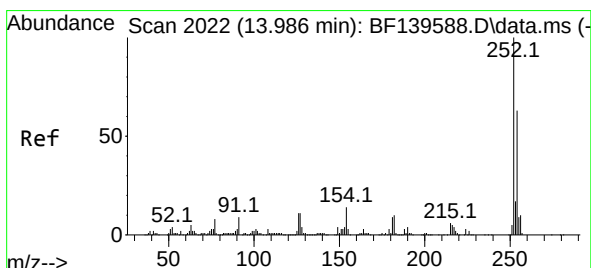
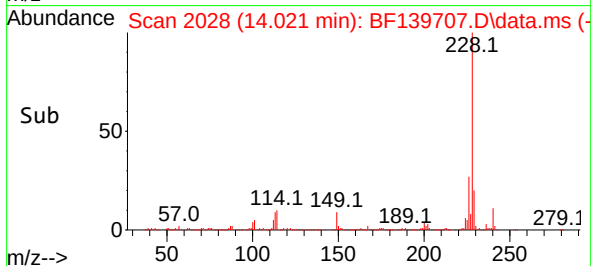
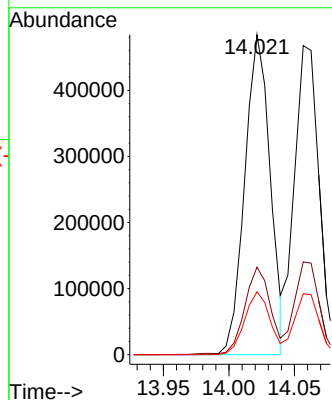
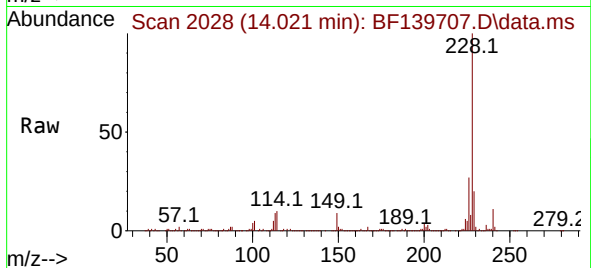
Tgt Ion:228 Resp: 652797

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 36.329 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

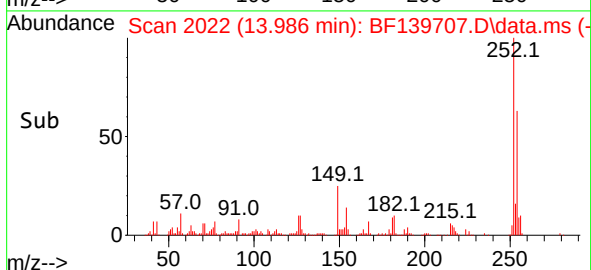
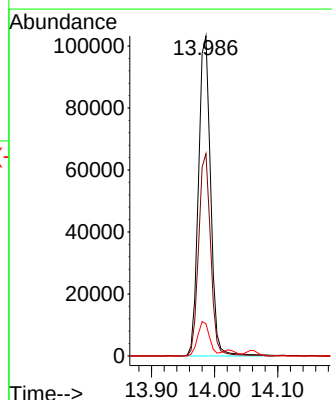
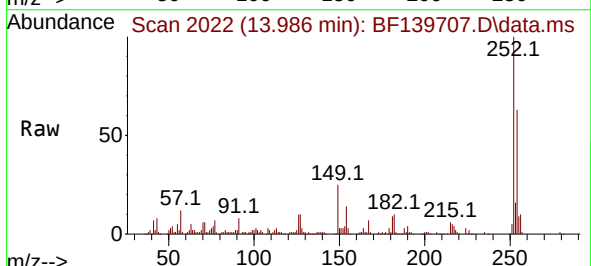
Tgt Ion:252 Resp: 137406

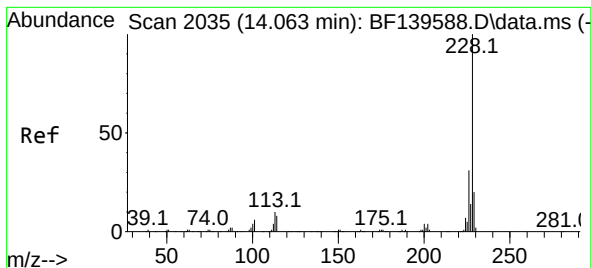
Ion Ratio Lower Upper

252 100

254 63.2 50.5 75.7

126 10.0 8.8 13.2





#83

Chrysene

Concen: 54.015 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

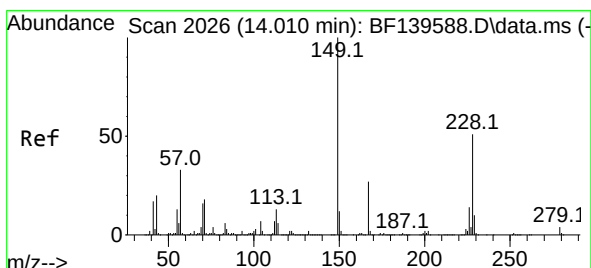
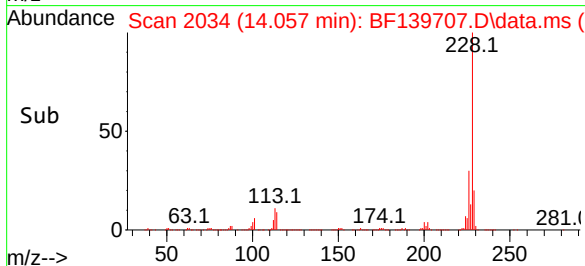
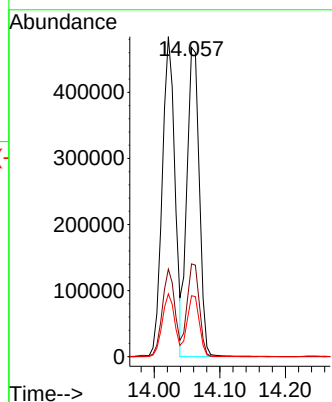
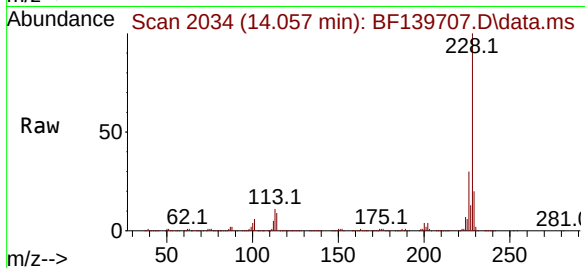
Tgt Ion:228 Resp: 610299

Ion Ratio Lower Upper

228 100

226 30.0 24.3 36.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.749 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

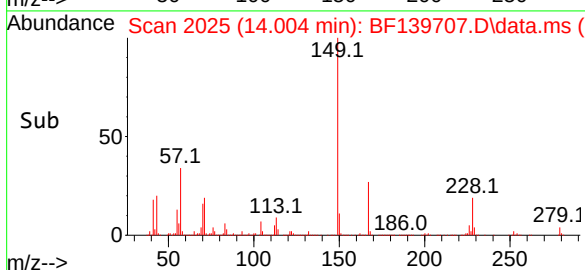
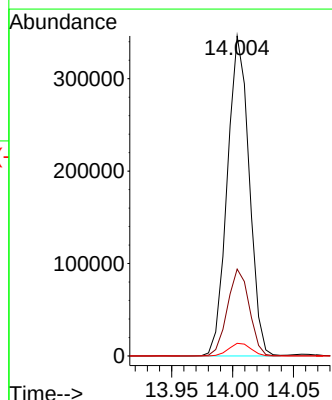
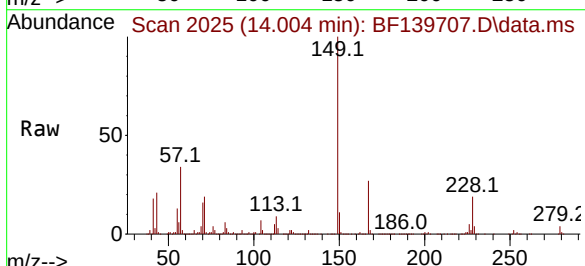
Tgt Ion:149 Resp: 433640

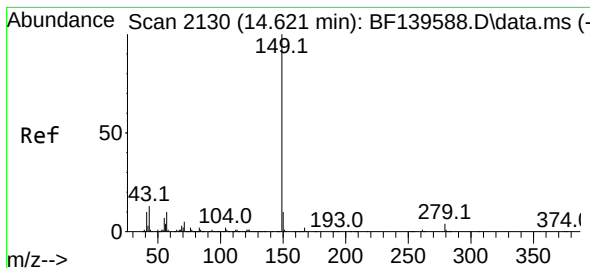
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 64.406 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

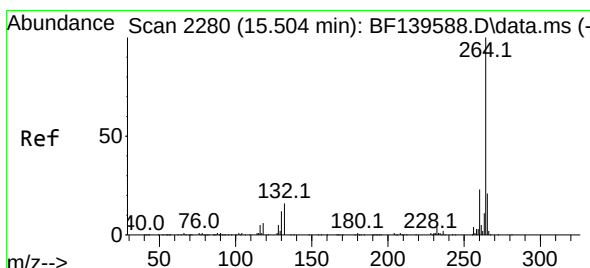
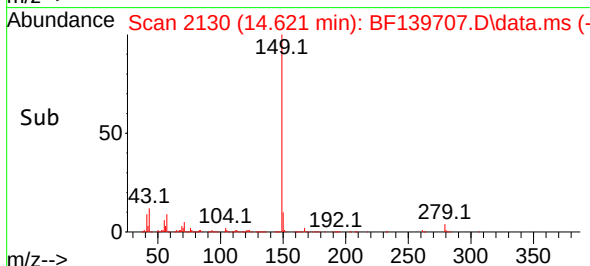
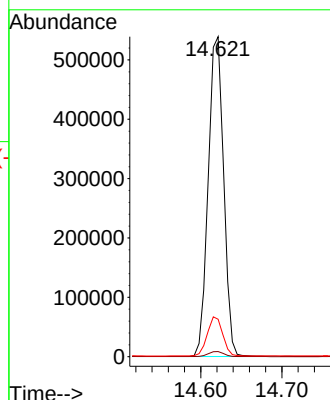
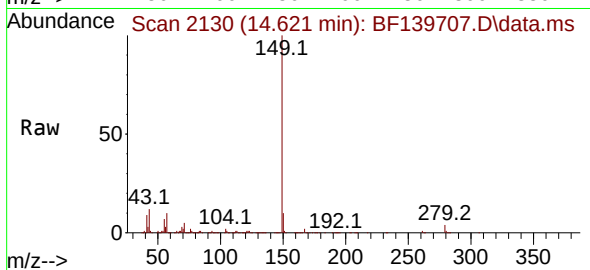
Tgt Ion:149 Resp: 710511

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 12.1 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: BF139707.D

Acq: 08 Oct 2024 12:40

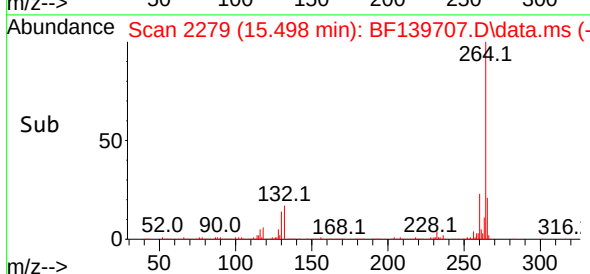
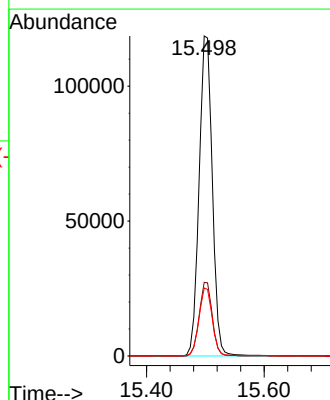
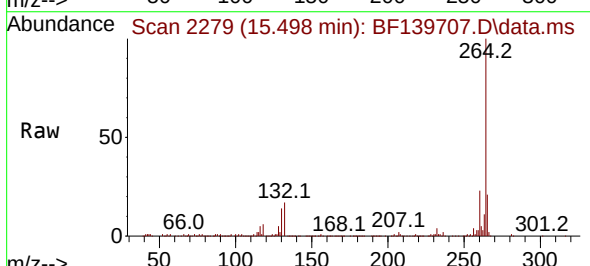
Tgt Ion:264 Resp: 184966

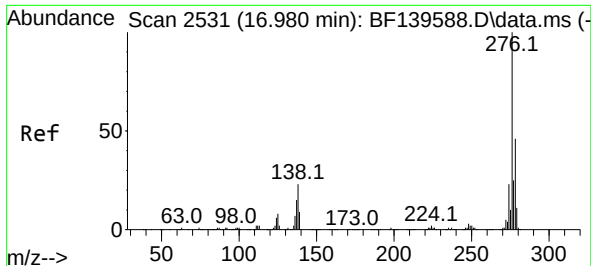
Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.2 16.9 25.3

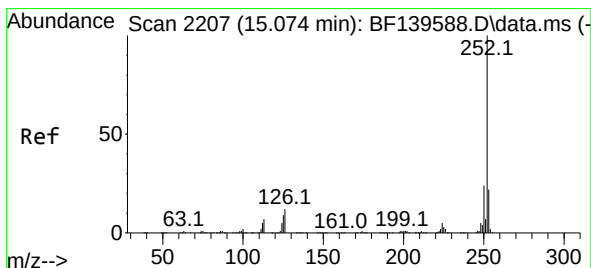
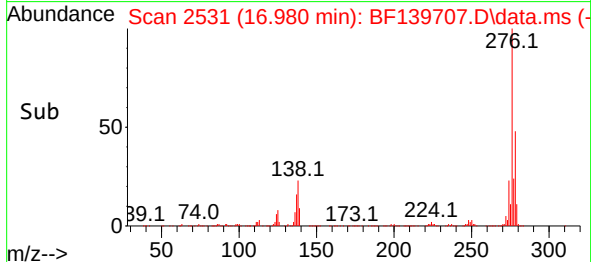
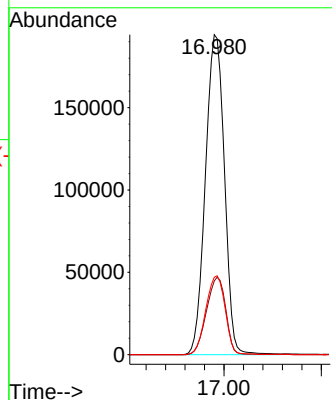
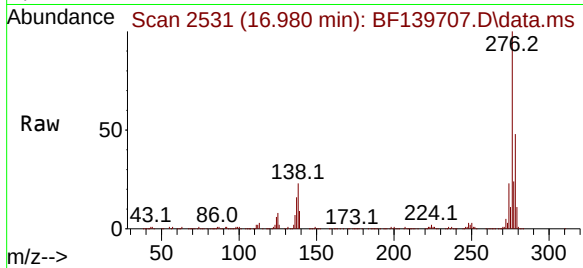




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.338 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

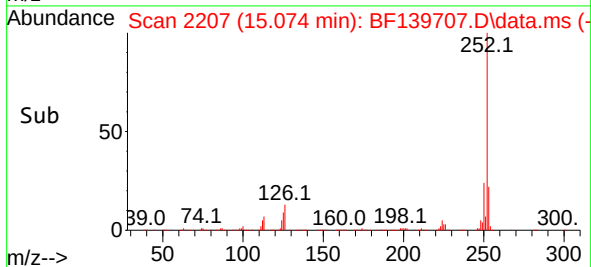
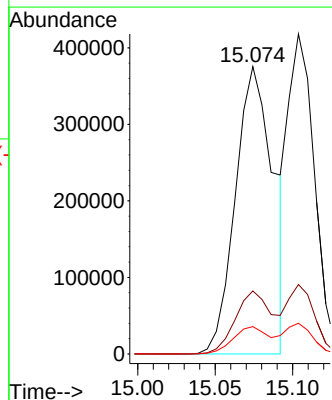
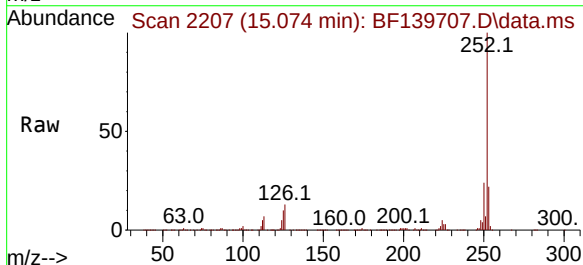
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

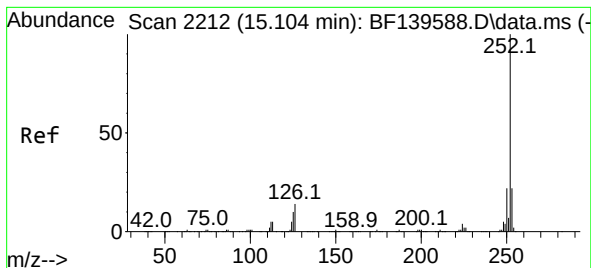
Tgt Ion:276 Resp: 526236
Ion Ratio Lower Upper
276 100
138 24.4 19.4 29.0
277 25.0 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 53.541 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:252 Resp: 640334
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.5 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.884 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

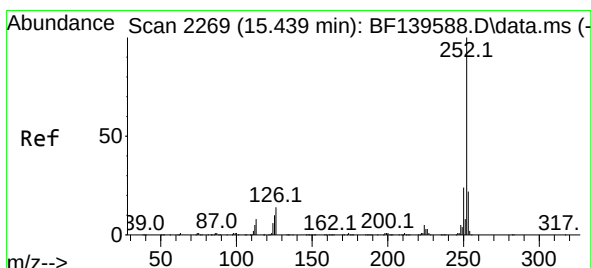
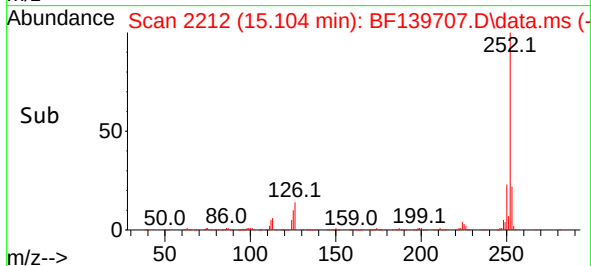
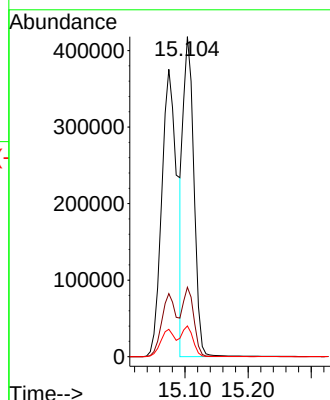
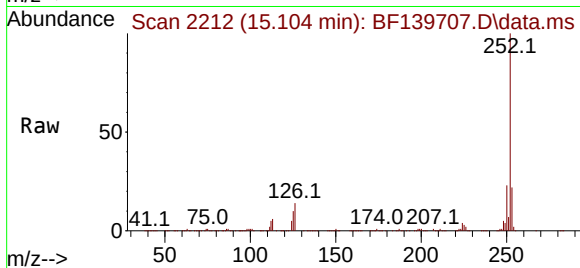
Tgt Ion:252 Resp: 495923

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 9.6 7.6 11.4



#90

Benzo(a)pyrene

Concen: 55.984 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF139707.D

Acq: 08 Oct 2024 12:40

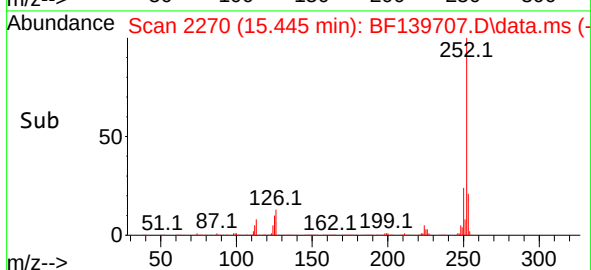
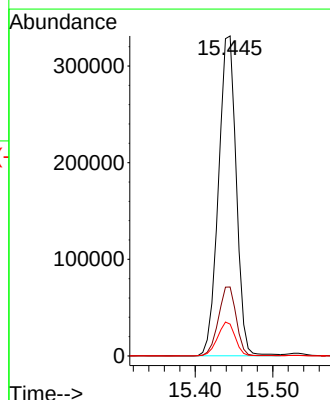
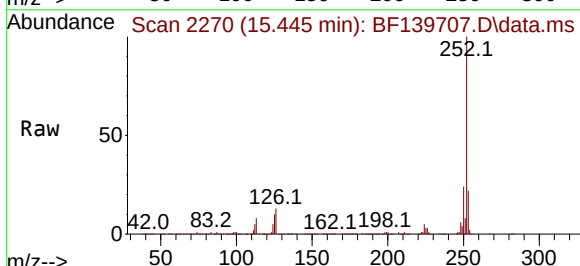
Tgt Ion:252 Resp: 527936

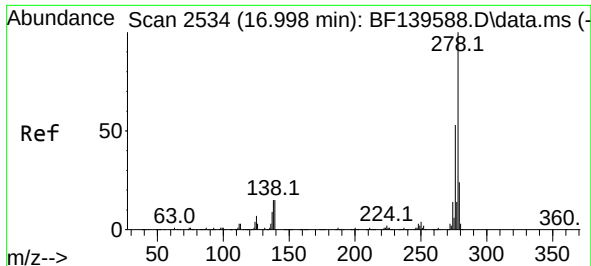
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.9 8.3 12.5

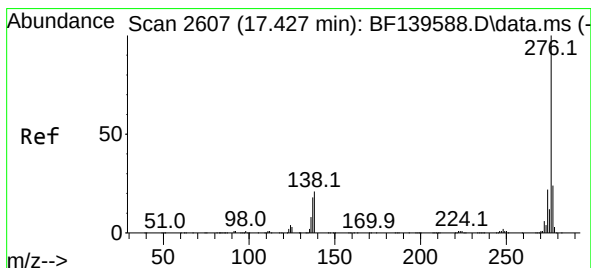
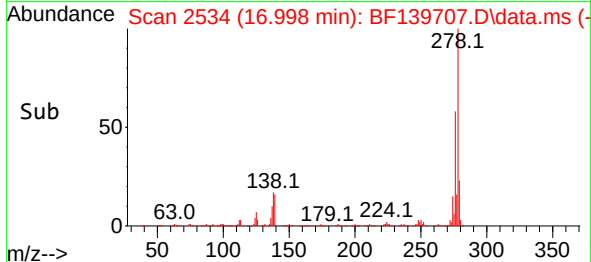
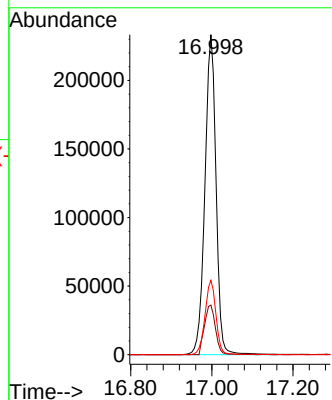
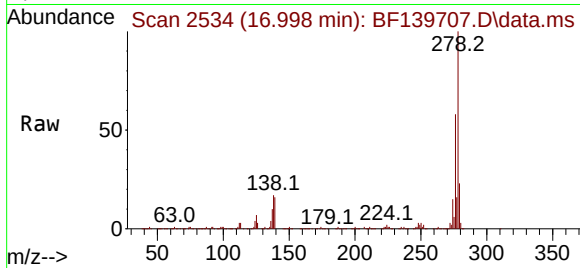




#91
Dibenzo(a,h)anthracene
Concen: 49.100 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion:278 Resp: 443347
Ion Ratio Lower Upper
278 100
139 15.5 12.2 18.4
279 23.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 42.210 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139707.D
Acq: 08 Oct 2024 12:40

Tgt Ion:276 Resp: 382248
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 21.1 17.0 25.6

