

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139697.D
 Acq On : 07 Oct 2024 20:21
 Operator : RC/JU
 Sample : P4270-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-2MSD

Quant Time: Oct 08 01:14:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	85694	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	330545	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	184384	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	305218	20.000	ng	0.00
76) Chrysene-d12	14.033	240	156496	20.000	ng	0.00
86) Perylene-d12	15.504	264	174750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	455649	92.159	ng	0.00
7) Phenol-d6	6.504	99	630780	94.871	ng	0.00
23) Nitrobenzene-d5	7.428	82	408925	62.636	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	143795	80.787	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	700678	58.339	ng	0.00
79) Terphenyl-d14	12.974	244	509562	53.427	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	101836	47.641	ng	98
3) Pyridine	3.463	79	254102	48.878	ng	96
4) n-Nitrosodimethylamine	3.422	42	172297	50.633	ng	98
6) Aniline	6.528	93	210439	35.668	ng	# 68
8) 2-Chlorophenol	6.651	128	288117	54.392	ng	98
9) Benzaldehyde	6.416	77	96957	27.529	ng	99
10) Phenol	6.516	94	372625	53.299	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	277995	48.837	ng	99
12) 1,3-Dichlorobenzene	6.804	146	292549	49.094	ng	100
13) 1,4-Dichlorobenzene	6.881	146	296434	49.117	ng	99
14) 1,2-Dichlorobenzene	7.034	146	283281	50.082	ng	100
15) Benzyl Alcohol	7.010	79	270713	53.289	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	498497	50.586	ng	91
17) 2-Methylphenol	7.122	107	230890	52.212	ng	99
18) Hexachloroethane	7.375	117	108147	48.041	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	210184	49.170	ng	99
20) 3+4-Methylphenols	7.275	107	290102	52.229	ng	97
22) Acetophenone	7.275	105	390145	49.725	ng	97
24) Nitrobenzene	7.451	77	329973	48.810	ng	99
25) Isophorone	7.686	82	583841	50.350	ng	99
26) 2-Nitrophenol	7.763	139	153251	52.731	ng	97
27) 2,4-Dimethylphenol	7.804	122	234006	65.772	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	340992	49.247	ng	100
29) 2,4-Dichlorophenol	8.010	162	240502	51.825	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	249924	47.622	ng	100
31) Naphthalene	8.169	128	850008	50.295	ng	100
32) Benzoic acid	7.933	122	168314	47.577	ng	97
33) 4-Chloroaniline	8.222	127	45115	7.886	ng	98
34) Hexachlorobutadiene	8.286	225	159636	47.003	ng	99
35) Caprolactam	8.598	113	64371	42.291	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	269825	51.364	ng	99
37) 2-Methylnaphthalene	8.863	142	547934	49.780	ng	99
38) 1-Methylnaphthalene	8.963	142	511802	47.569	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	256488	50.094	ng	99
41) Hexachlorocyclopentadiene	9.010	237	191428	121.932	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	175472	50.838	ng	98

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 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)
44) 2,4,5-Trichlorophenol	9.186	196	185421	49.814	ng	98
46) 1,1'-Biphenyl	9.327	154	682175	49.743	ng	99
47) 2-Chloronaphthalene	9.351	162	512728	49.872	ng	99
48) 2-Nitroaniline	9.451	65	189915	51.460	ng	98
49) Acenaphthylene	9.769	152	831011	53.151	ng	100
50) Dimethylphthalate	9.627	163	617618	51.170	ng	100
51) 2,6-Dinitrotoluene	9.692	165	133358	48.911	ng	96
52) Acenaphthene	9.939	154	532692	49.629	ng	99
53) 3-Nitroaniline	9.863	138	77503	27.816	ng	96
54) 2,4-Dinitrophenol	9.969	184	109057	74.365	ng	98
55) Dibenzofuran	10.110	168	765312	50.925	ng	99
56) 4-Nitrophenol	10.033	139	190465	89.639	ng	95
57) 2,4-Dinitrotoluene	10.098	165	173806	48.768	ng	97
58) Fluorene	10.451	166	605032	50.547	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	152726	50.800	ng	96
60) Diethylphthalate	10.327	149	613528	49.213	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	282777	47.222	ng	98
62) 4-Nitroaniline	10.474	138	117605	41.264	ng	98
63) Azobenzene	10.604	77	682094	54.404	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	75813	43.980	ng	100
66) n-Nitrosodiphenylamine	10.563	169	508033	56.469	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	162185	51.826	ng	97
68) Hexachlorobenzene	10.998	284	176235	50.751	ng	99
69) Atrazine	11.092	200	152564	63.204	ng	99
70) Pentachlorophenol	11.198	266	185617	89.769	ng	98
71) Phenanthrene	11.416	178	1039973	72.264	ng	100
72) Anthracene	11.469	178	832596	58.480	ng	100
73) Carbazole	11.621	167	674836	49.351	ng	100
74) Di-n-butylphthalate	11.951	149	835074	50.220	ng	100
75) Fluoranthene	12.604	202	978036	62.169	ng	99
77) Benzidine	12.727	184	164225	59.493	ng	100
78) Pyrene	12.833	202	918971	65.655	ng	98
80) Butylbenzylphthalate	13.451	149	261999	52.331	ng	97
81) Benzo(a)anthracene	14.021	228	653458	63.510	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	133653	42.444	ng	100
83) Chrysene	14.057	228	603757	64.183	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	344605	55.122	ng	100
85) Di-n-octyl phthalate	14.621	149	574962	62.602	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	516864	50.252	ng	100
88) Benzo(b)fluoranthene	15.074	252	692741	61.310	ng	99
89) Benzo(k)fluoranthene	15.104	252	472260	49.273	ng	100
90) Benzo(a)pyrene	15.445	252	573764	64.401	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	405637	47.550	ng	100
92) Benzo(g,h,i)perylene	17.427	276	382689	44.730	ng	99

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

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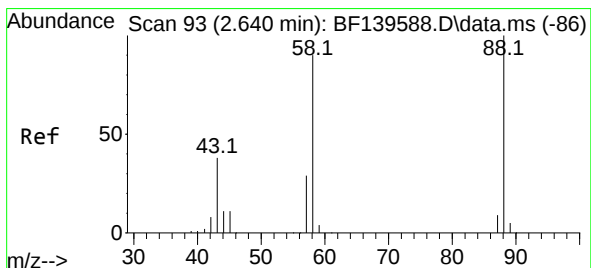
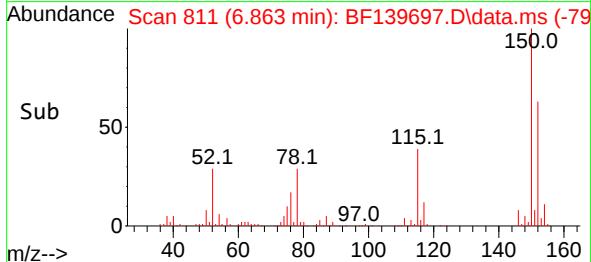
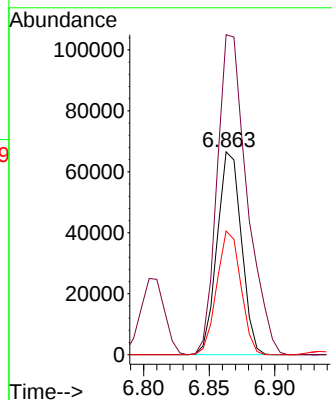
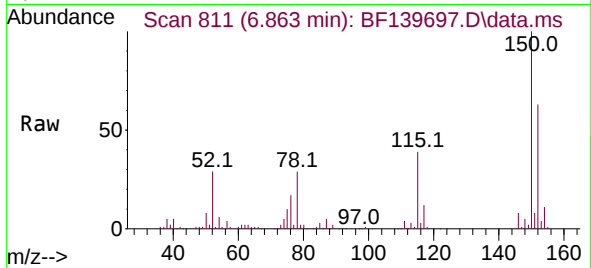




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

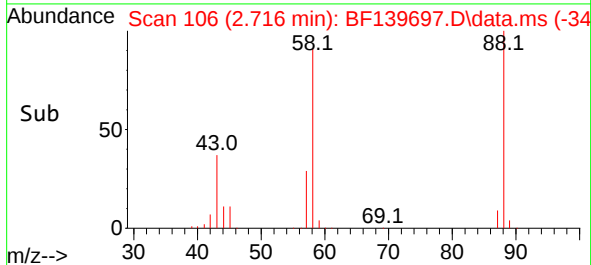
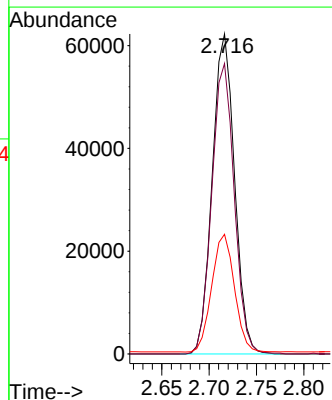
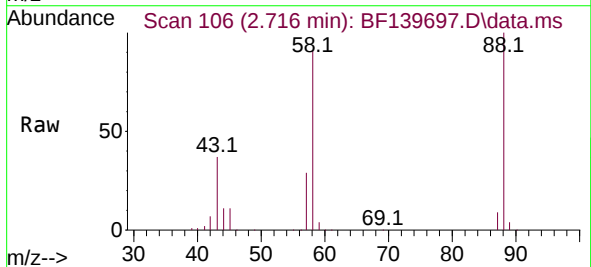
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Tgt Ion:152 Resp: 85694
Ion Ratio Lower Upper
152 100
150 157.7 127.2 190.8
115 60.9 49.0 73.4



#2
1,4-Dioxane
Concen: 47.641 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.076 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion: 88 Resp: 101836
Ion Ratio Lower Upper
88 100
58 91.6 72.0 108.0
43 37.5 30.8 46.2

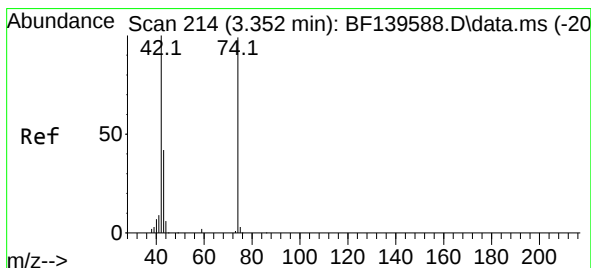
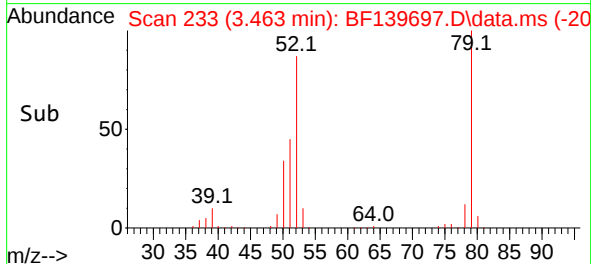
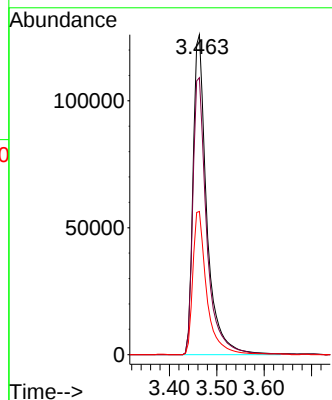
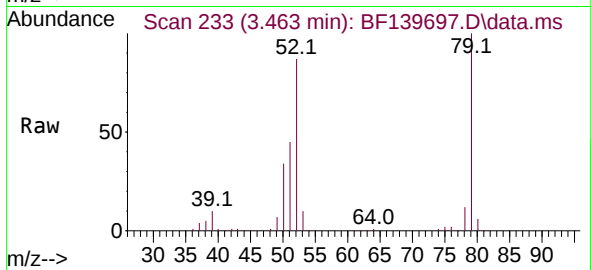




#3
Pyridine
Concen: 48.878 ng
RT: 3.463 min Scan# 21
Delta R.T. 0.070 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

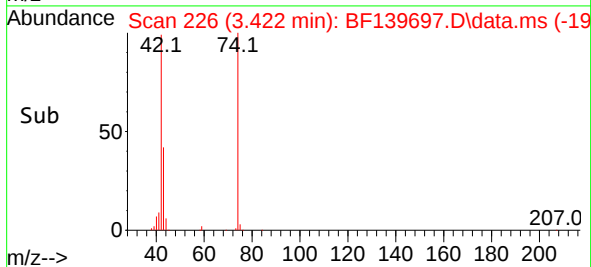
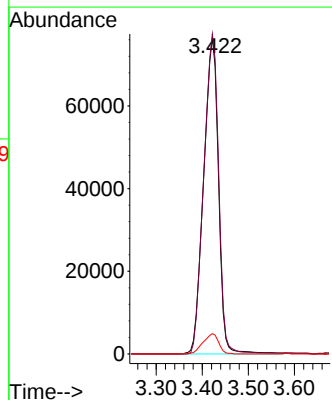
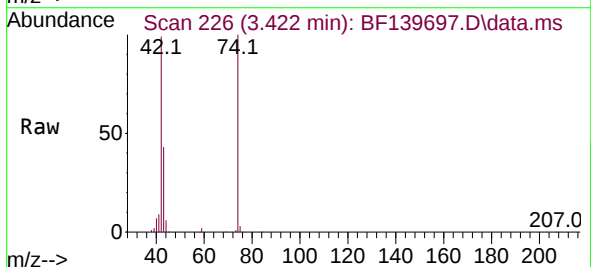
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Tgt Ion: 79 Resp: 254102
Ion Ratio Lower Upper
79 100
52 86.6 72.6 109.0
51 44.7 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 50.633 ng
RT: 3.422 min Scan# 226
Delta R.T. 0.070 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion: 42 Resp: 172297
Ion Ratio Lower Upper
42 100
74 101.2 79.0 118.6
44 6.4 5.2 7.8

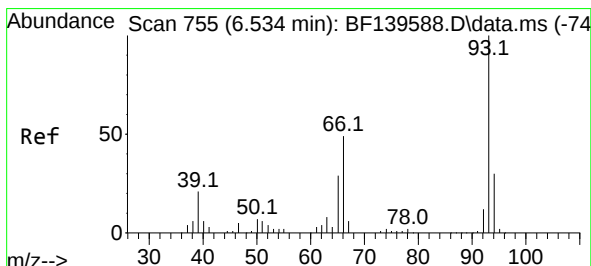
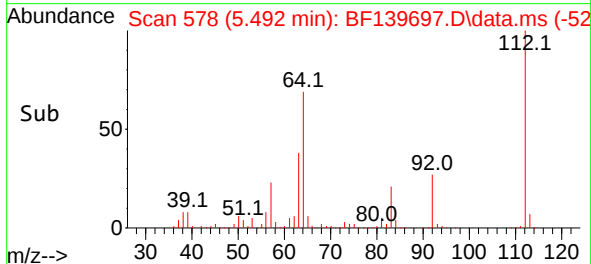
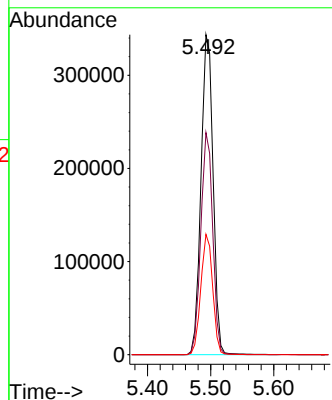
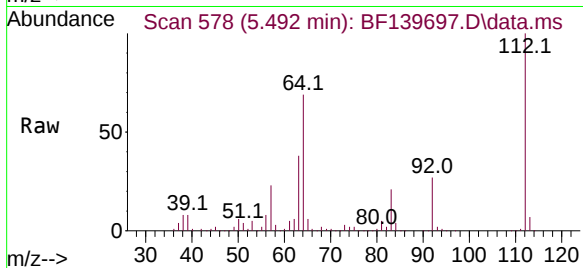




#5
2-Fluorophenol
Concen: 92.159 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

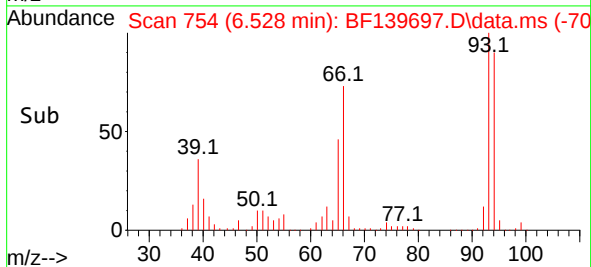
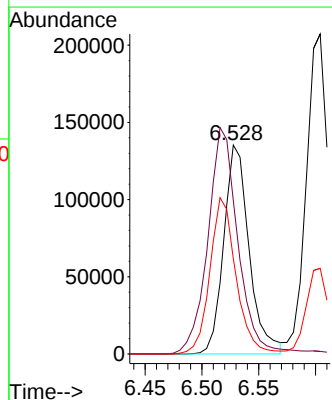
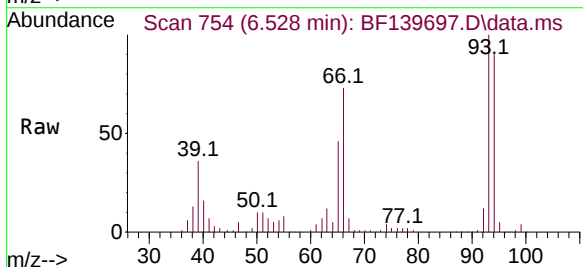
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

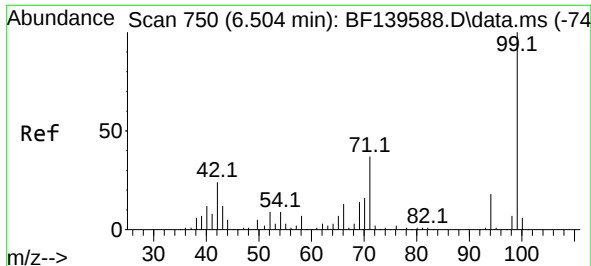
Tgt Ion:112 Resp: 455649
Ion Ratio Lower Upper
112 100
64 69.4 54.2 81.4
63 37.6 29.4 44.2



#6
Aniline
Concen: 35.668 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion: 93 Resp: 210439
Ion Ratio Lower Upper
93 100
66 73.3 40.9 61.3#
65 45.7 23.3 34.9#

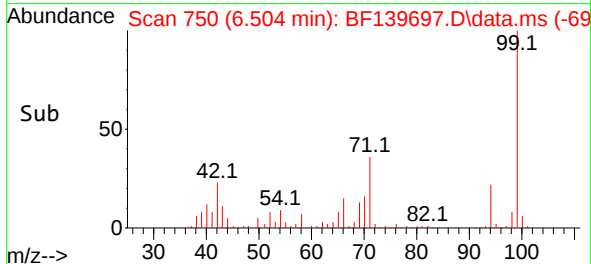
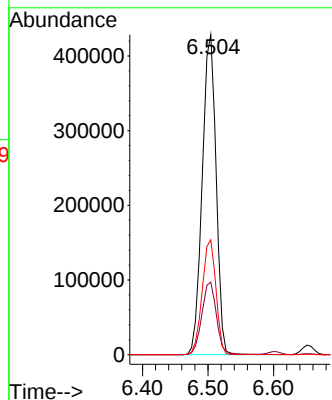
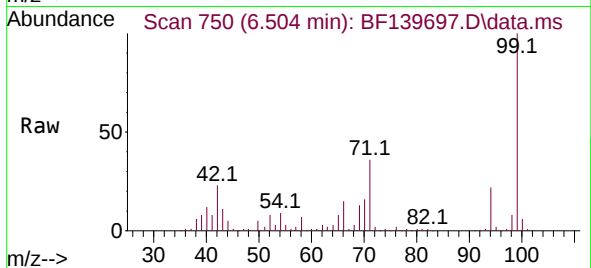




#7
Phenol-d6
Concen: 94.871 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

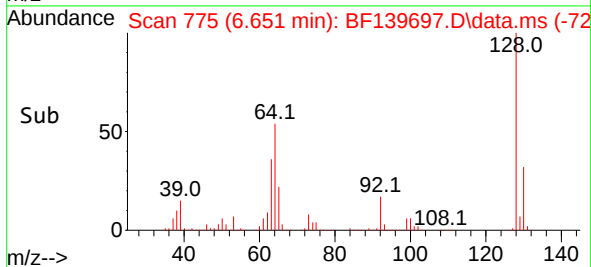
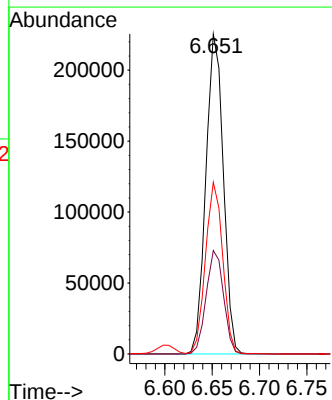
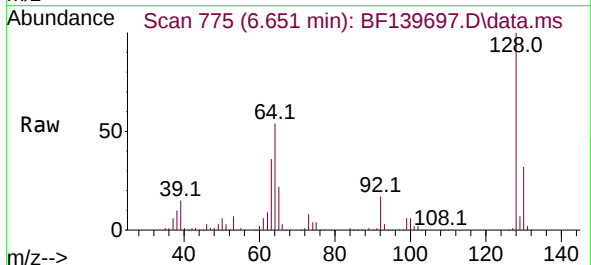
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ClientSampleId :
IB-2MSD

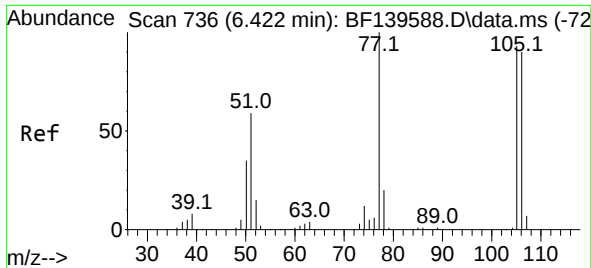
Tgt Ion: 99 Resp: 630780
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 35.9 29.7 44.5



#8
2-Chlorophenol
Concen: 54.392 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:128 Resp: 288117
Ion Ratio Lower Upper
128 100
130 32.3 13.2 53.2
64 53.7 35.1 75.1





#9

Benzaldehyde

Concen: 27.529 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

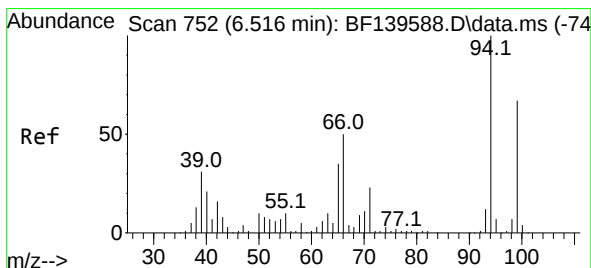
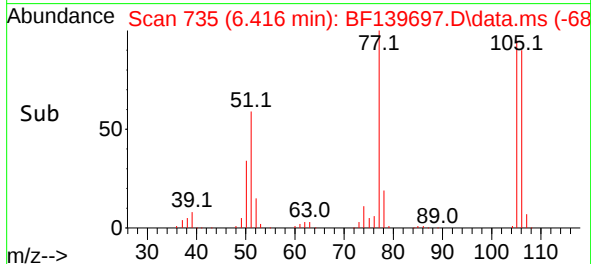
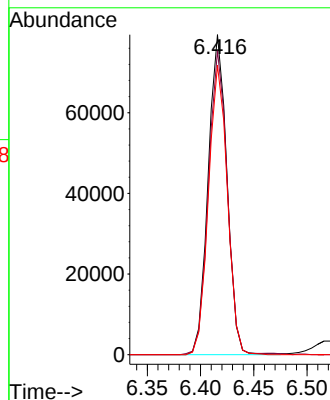
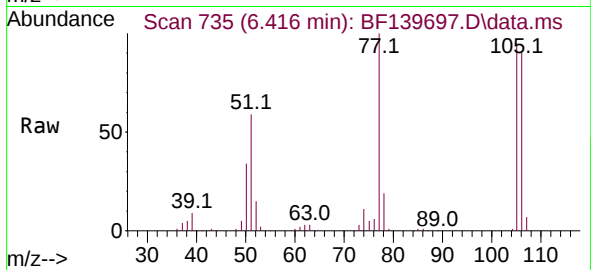
Tgt Ion: 77 Resp: 96957

Ion Ratio Lower Upper

77 100

105 94.9 72.7 112.7

106 90.4 70.1 110.1



#10

Phenol

Concen: 53.299 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

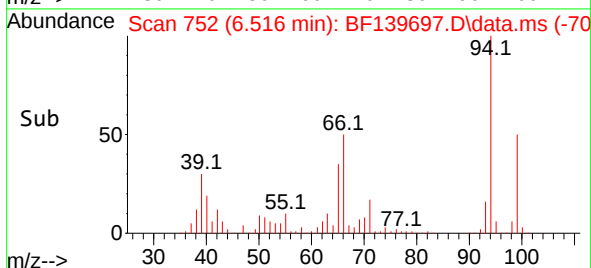
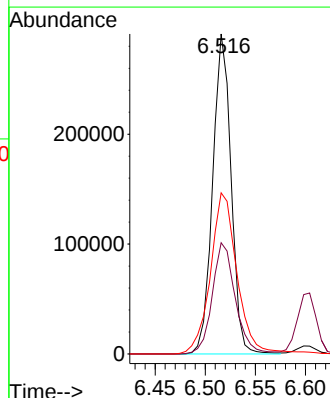
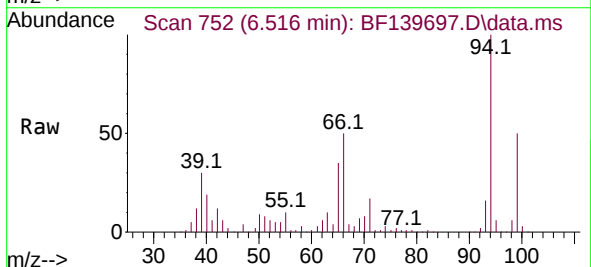
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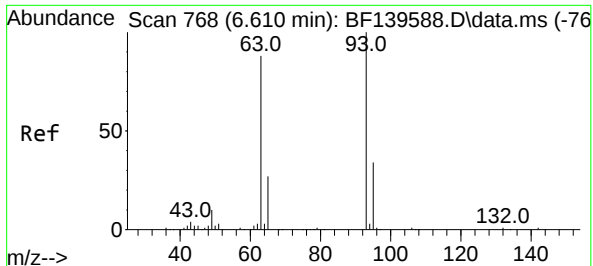
Ion Ratio Lower Upper

94 100

65 34.8 15.3 55.3

66 50.4 30.5 70.5

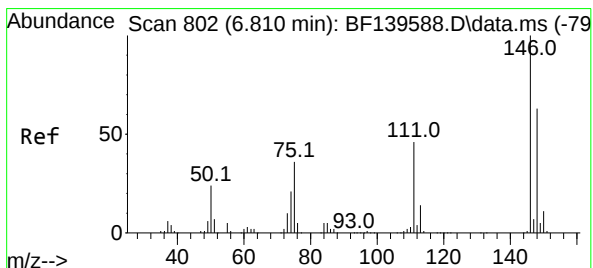
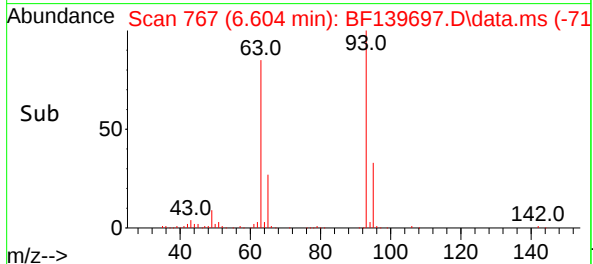
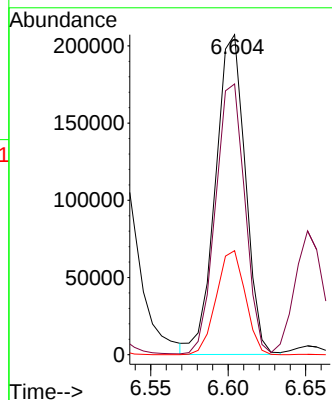
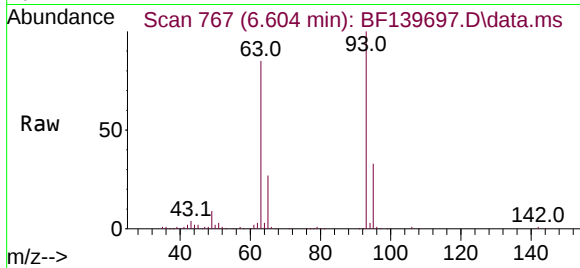




#11
bis(2-Chloroethyl)ether
Concen: 48.837 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

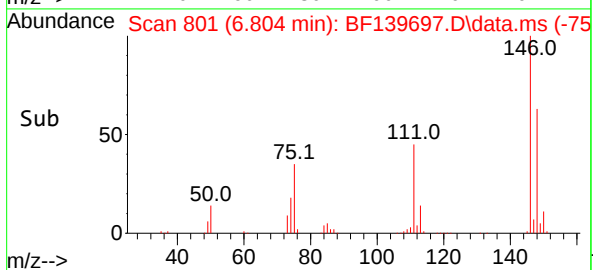
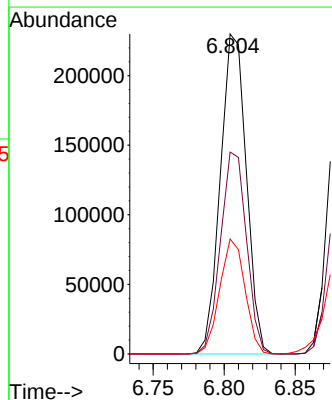
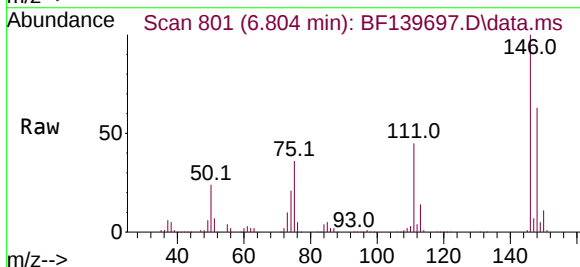
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Tgt Ion: 93 Resp: 277995
Ion Ratio Lower Upper
93 100
63 84.6 64.1 104.1
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 49.094 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:146 Resp: 292549
Ion Ratio Lower Upper
146 100
148 63.1 50.2 75.4
75 35.9 28.5 42.7

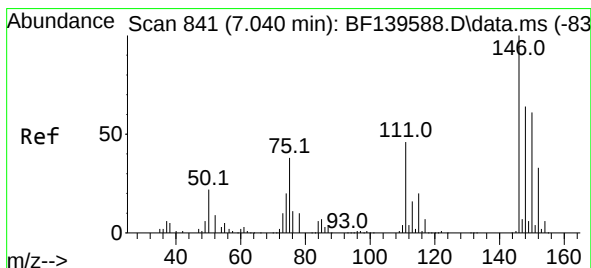
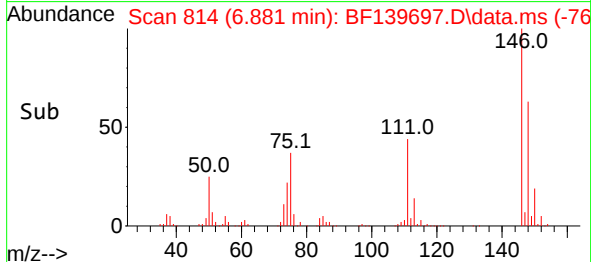
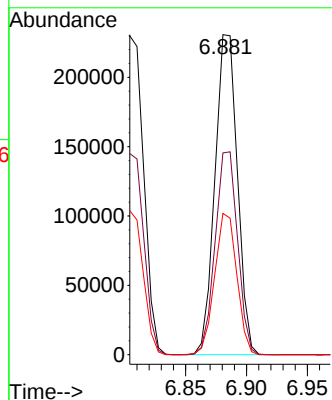
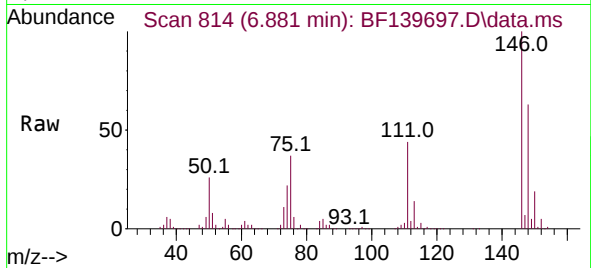




#13
1,4-Dichlorobenzene
Concen: 49.117 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

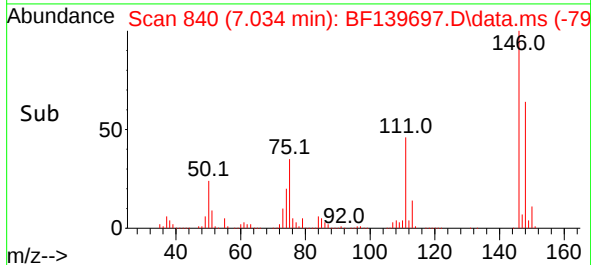
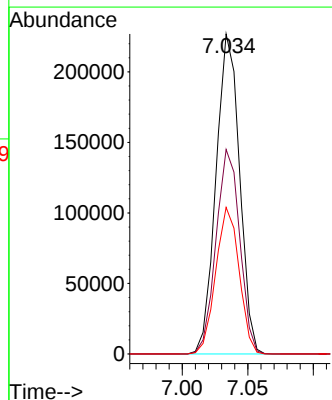
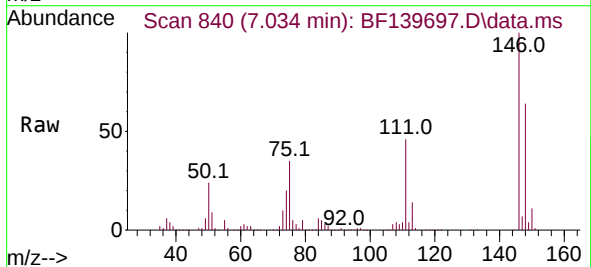
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Tgt Ion:146 Resp: 296434
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
111 44.1 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 50.082 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:146 Resp: 283281
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
111 45.8 37.0 55.6

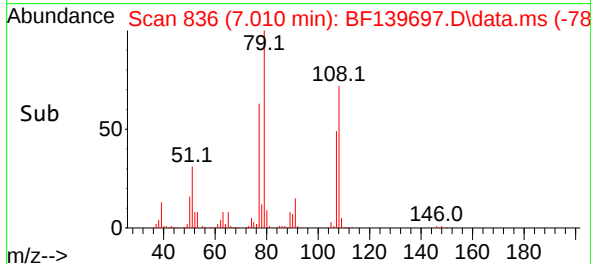
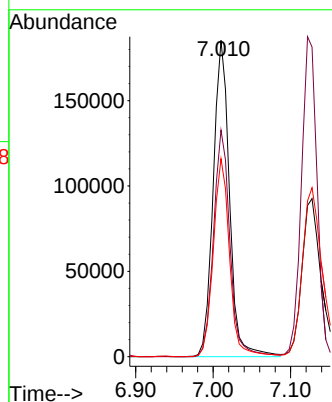
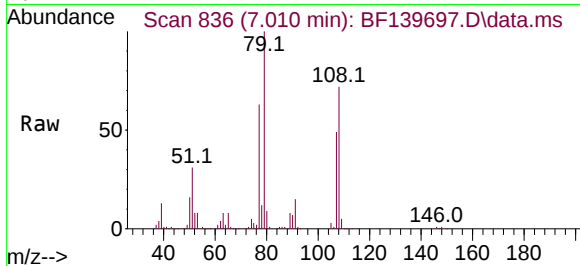




#15
Benzyl Alcohol
Concen: 53.289 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

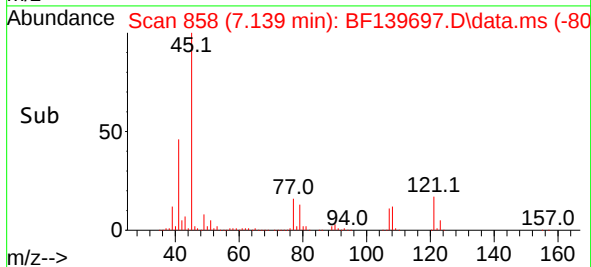
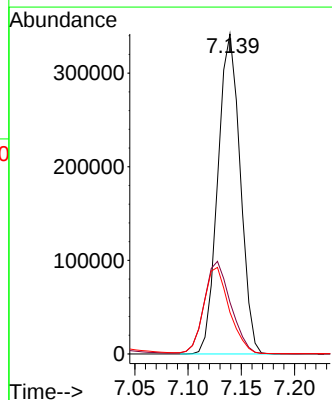
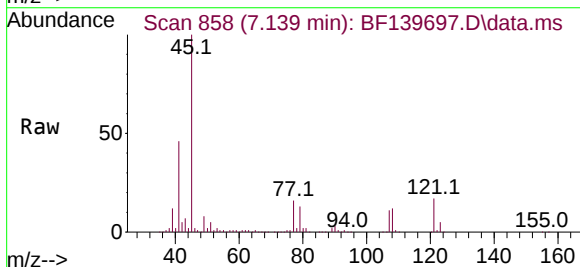
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

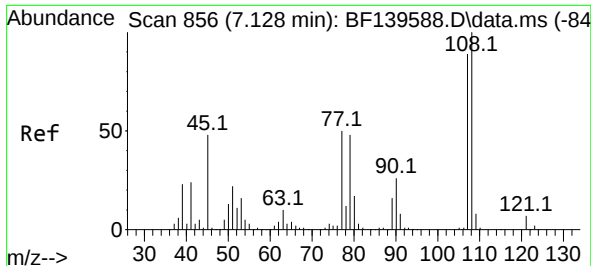
Tgt Ion: 79 Resp: 270713
Ion Ratio Lower Upper
79 100
108 71.6 55.1 82.7
77 62.6 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.586 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion: 45 Resp: 498497
Ion Ratio Lower Upper
45 100
77 16.2 0.0 32.5
79 13.0 0.0 29.7

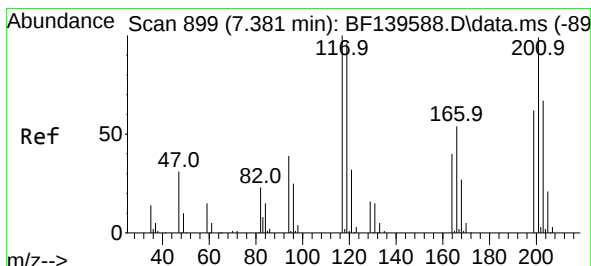
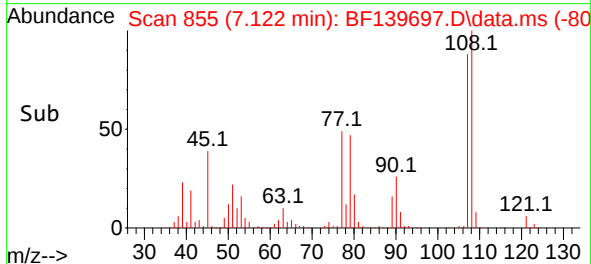
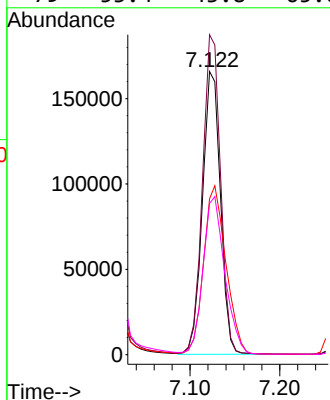
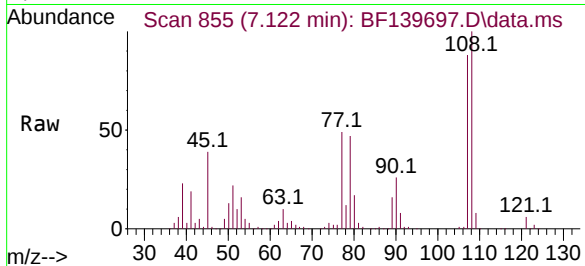




#17
2-Methylphenol
Concen: 52.212 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

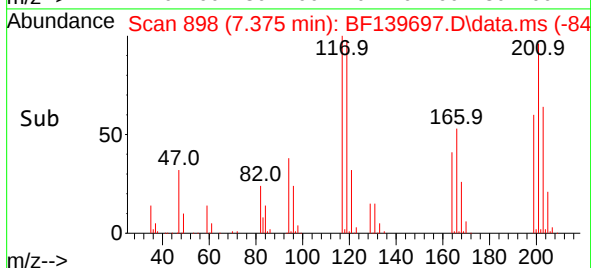
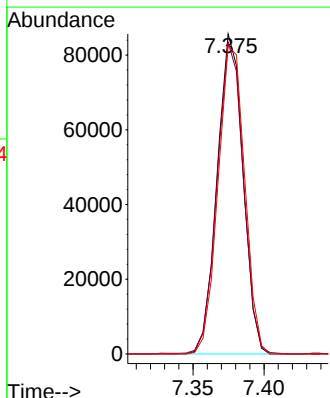
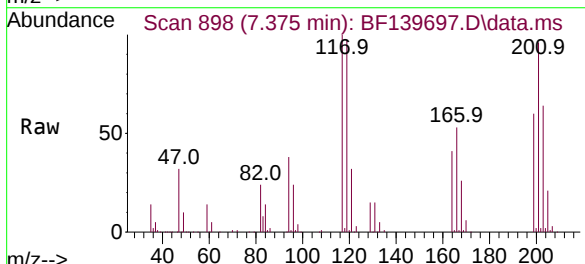
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

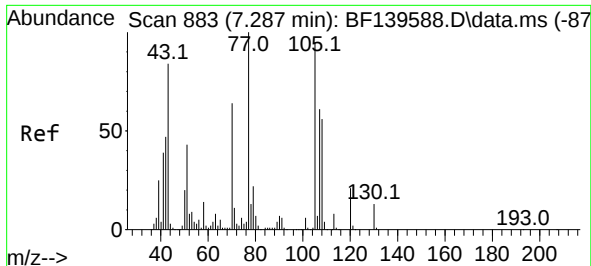
Tgt Ion:107 Resp: 230890
Ion Ratio Lower Upper
107 100
108 113.0 89.8 134.6
77 55.0 44.6 67.0
79 53.4 43.8 65.6



#18
Hexachloroethane
Concen: 48.041 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:117 Resp: 108147
Ion Ratio Lower Upper
117 100
119 97.4 77.0 115.6
201 96.4 79.2 118.8

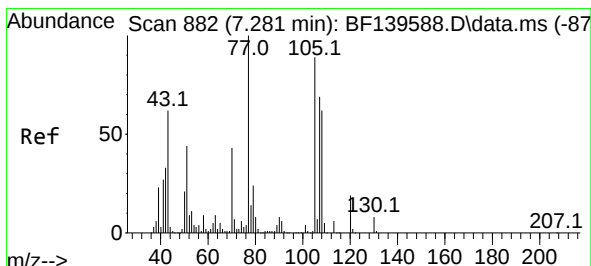
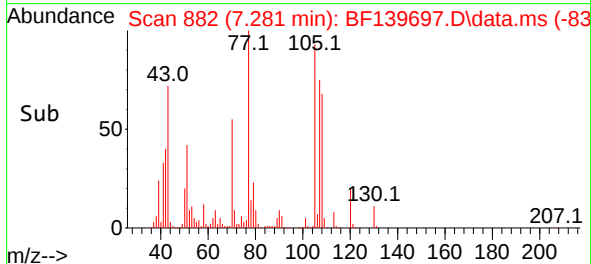
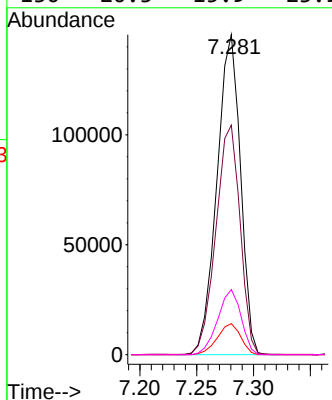
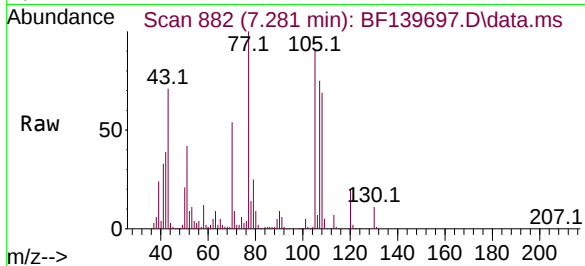




#19
n-Nitroso-di-n-propylamine
Concen: 49.170 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

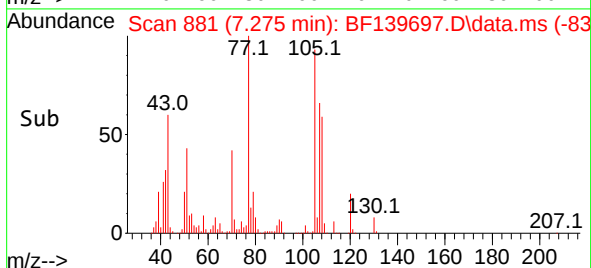
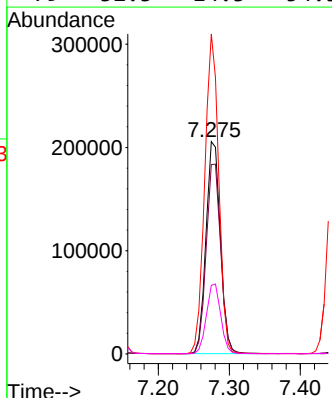
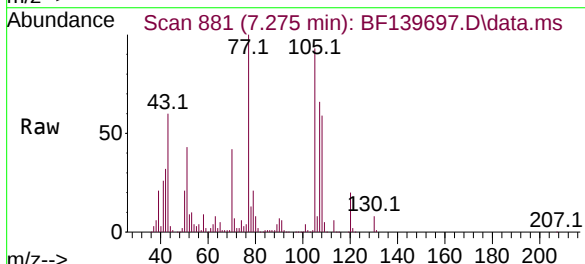
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Tgt Ion: 70 Resp: 210184
Ion Ratio Lower Upper
70 100
42 71.7 58.0 87.0
101 9.7 7.8 11.8
130 20.3 15.9 23.9



#20
3+4-Methylphenols
Concen: 52.229 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:107 Resp: 290102
Ion Ratio Lower Upper
107 100
108 89.2 70.2 110.2
77 150.7 125.3 165.3
79 32.3 14.3 54.3

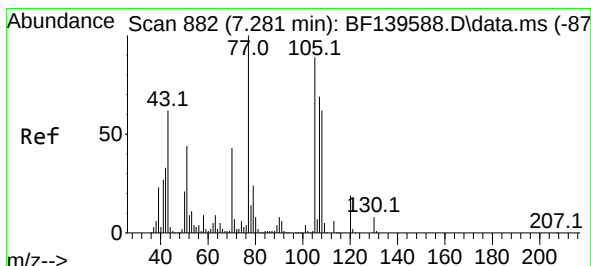
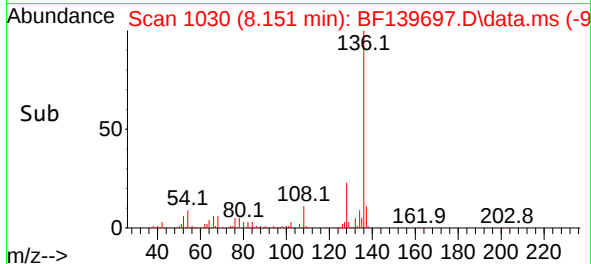
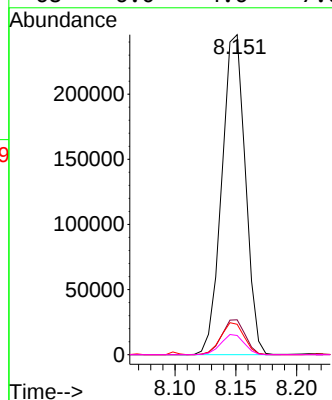
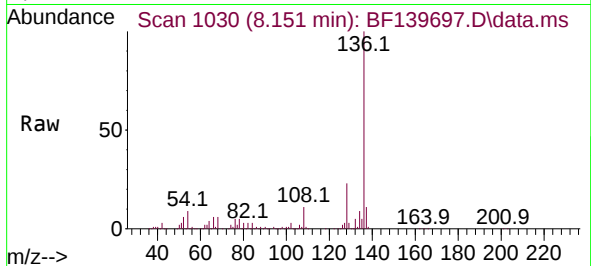




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

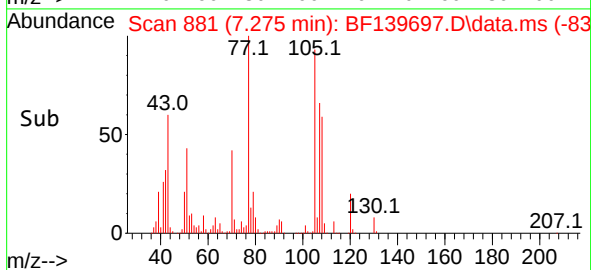
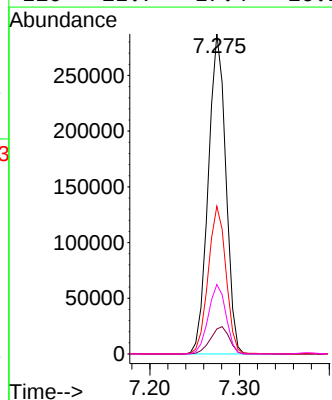
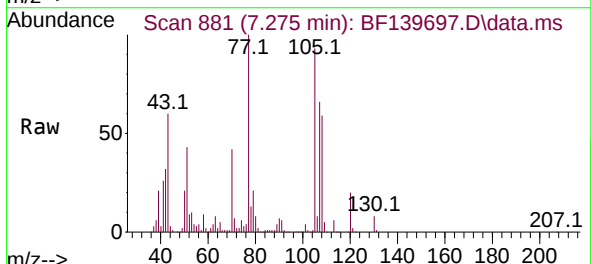
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

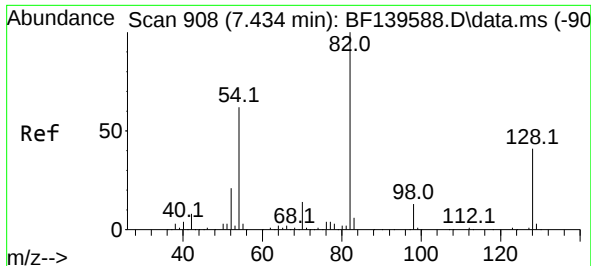
Tgt Ion:	136	Resp:	330545
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.5	8.3	12.5
68	6.0	4.6	7.0



#22
Acetophenone
Concen: 49.725 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:	105	Resp:	390145
Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.6	10.0
51	46.2	39.4	59.0
120	21.7	17.4	26.2





#23

Nitrobenzene-d5

Concen: 62.636 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

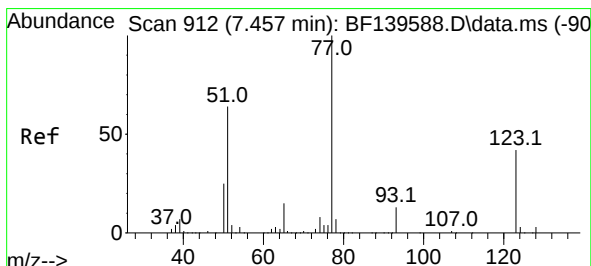
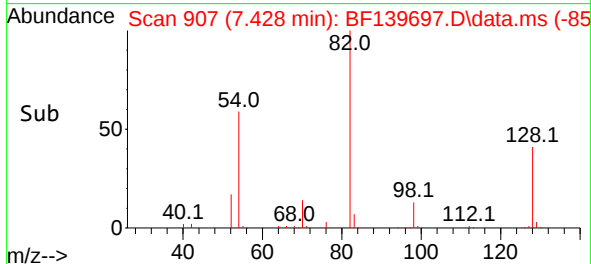
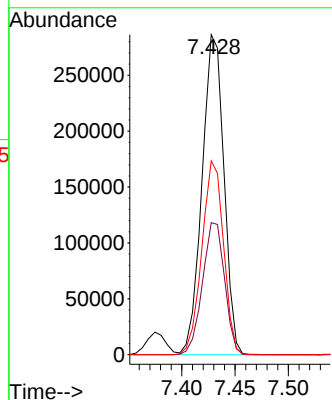
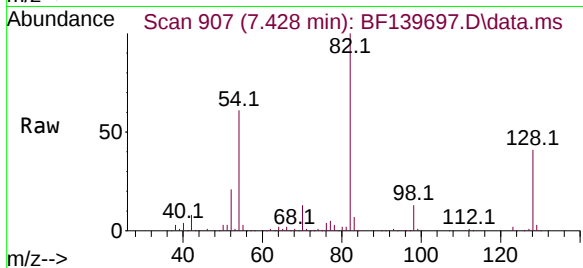
Tgt Ion: 82 Resp: 408925

Ion Ratio Lower Upper

82 100

128 41.3 32.4 48.6

54 60.5 49.1 73.7



#24

Nitrobenzene

Concen: 48.810 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

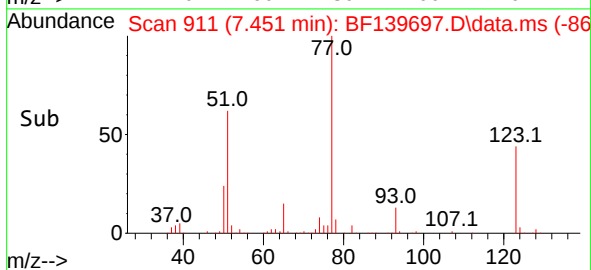
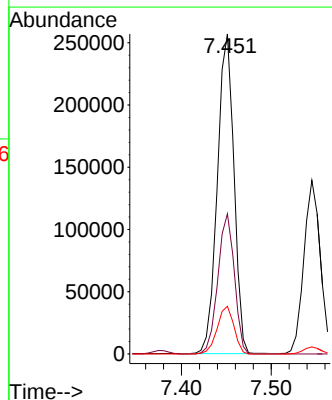
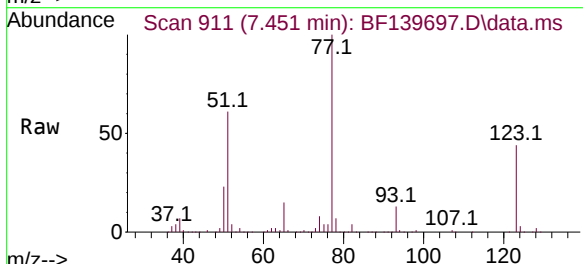
Tgt Ion: 77 Resp: 329973

Ion Ratio Lower Upper

77 100

123 43.8 34.2 51.4

65 14.9 12.1 18.1

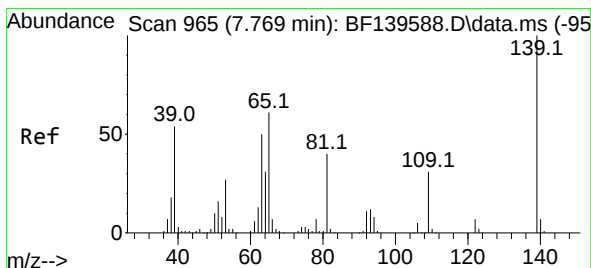
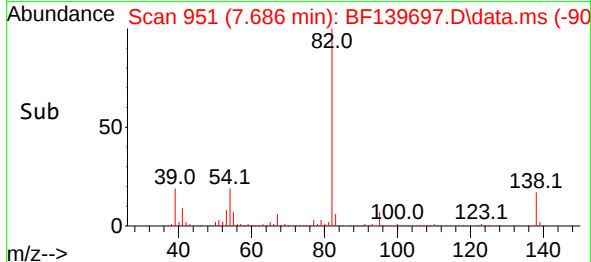
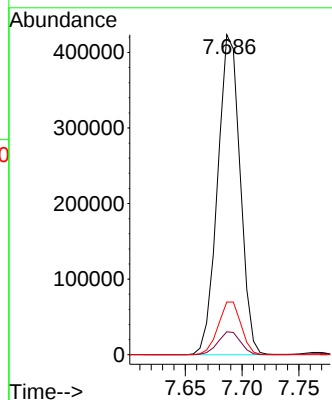
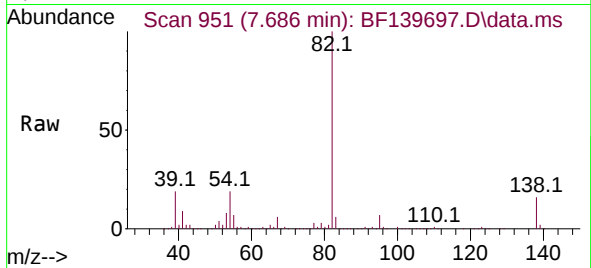




#25
Isophorone
Concen: 50.350 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

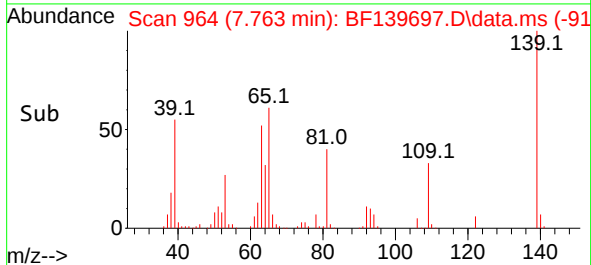
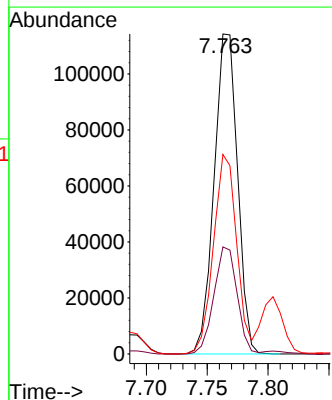
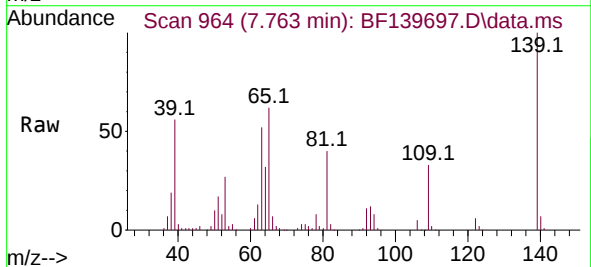
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

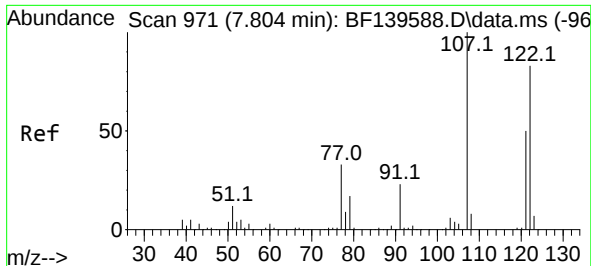
Tgt Ion: 82 Resp: 583841
Ion Ratio Lower Upper
82 100
95 7.1 6.1 9.1
138 16.4 13.4 20.2



#26
2-Nitrophenol
Concen: 52.731 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:139 Resp: 153251
Ion Ratio Lower Upper
139 100
109 33.4 24.9 37.3
65 62.4 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 65.772 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

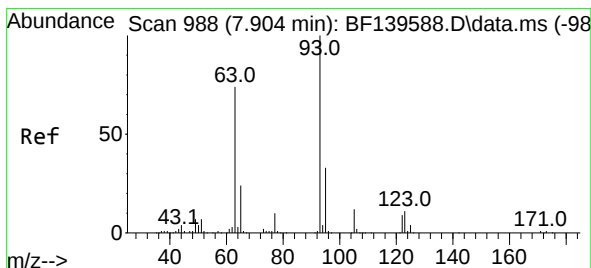
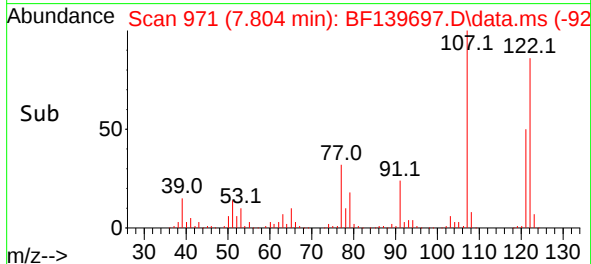
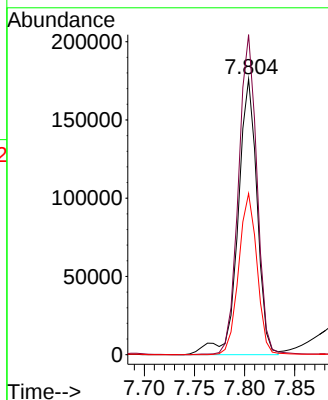
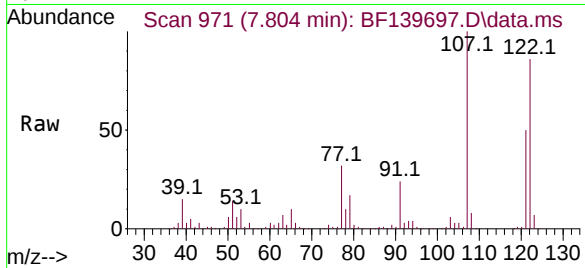
Tgt Ion:122 Resp: 234006

Ion Ratio Lower Upper

122 100

107 116.1 95.4 143.0

121 58.5 47.4 71.2



#28

bis(2-Chloroethoxy)methane

Concen: 49.247 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

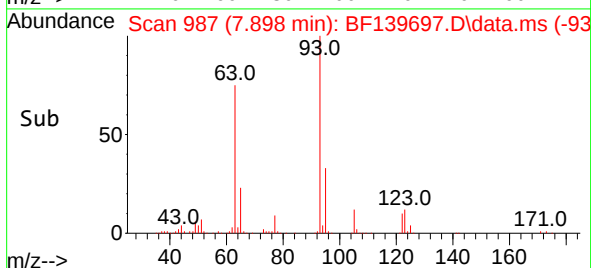
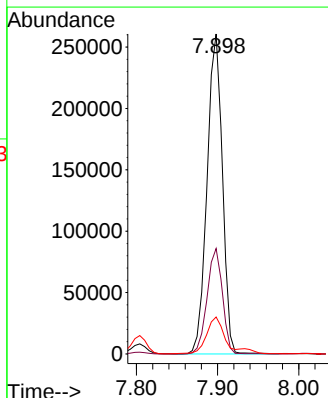
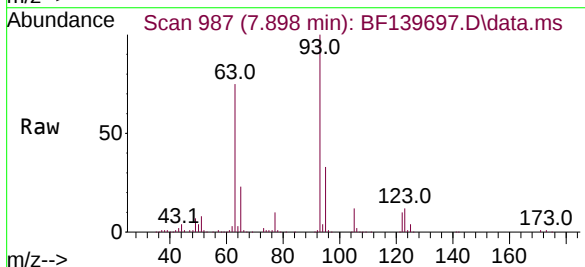
Tgt Ion: 93 Resp: 340992

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 51.825 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

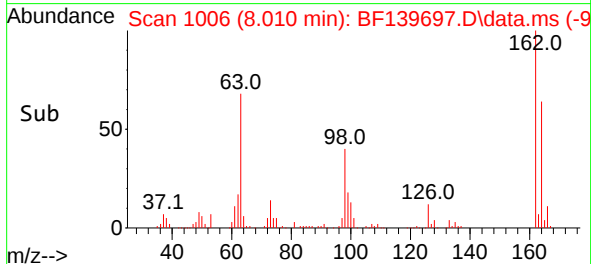
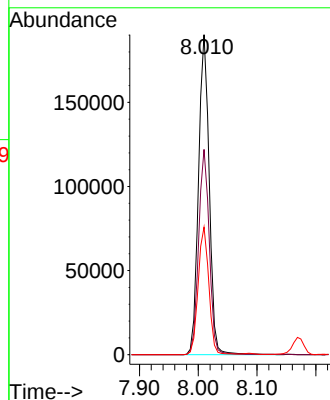
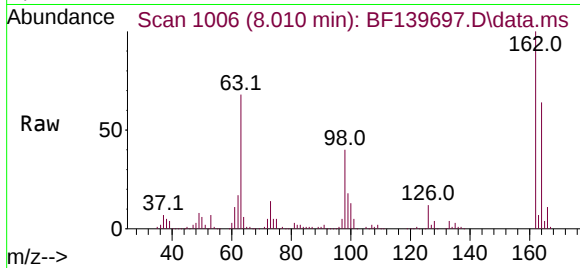
Tgt Ion:162 Resp: 240502

Ion Ratio Lower Upper

162 100

164 64.2 43.1 83.1

98 39.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 47.622 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

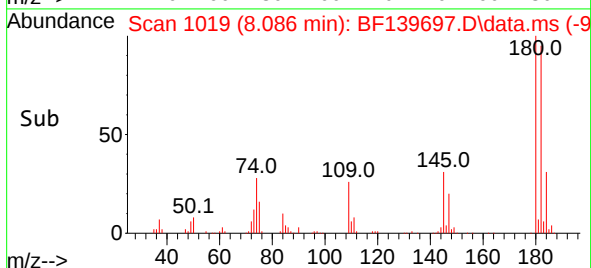
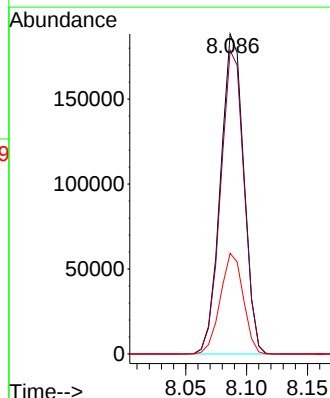
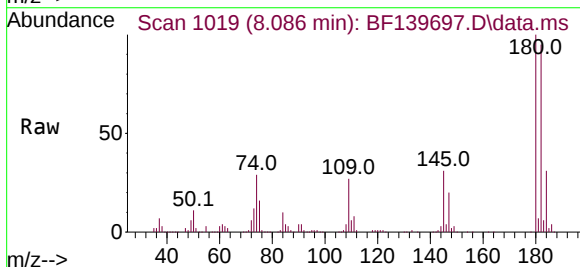
Tgt Ion:180 Resp: 249924

Ion Ratio Lower Upper

180 100

182 94.9 76.0 114.0

145 31.4 25.0 37.6

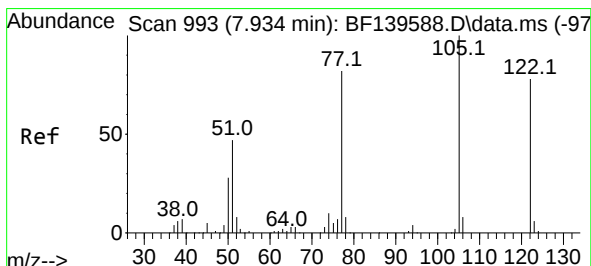
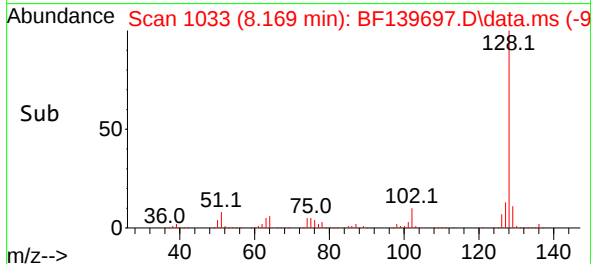
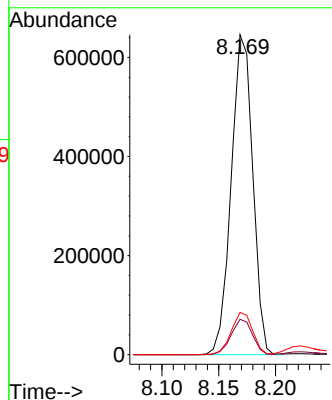
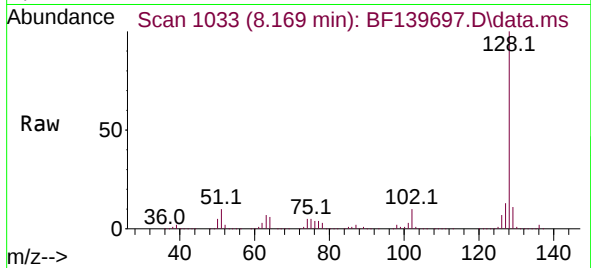




#31
Naphthalene
Concen: 50.295 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

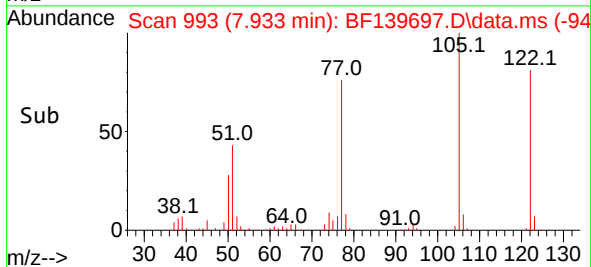
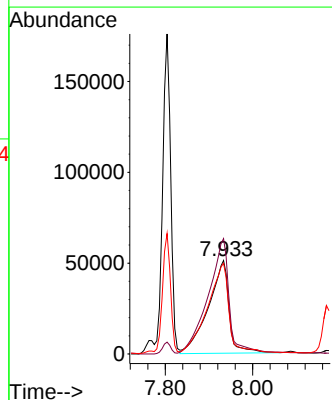
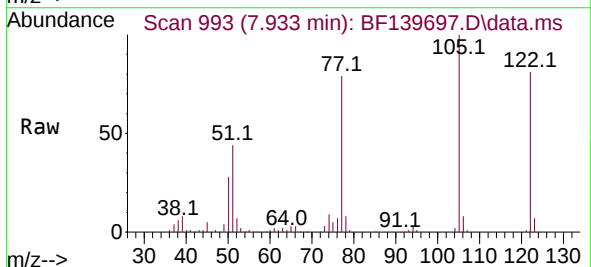
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

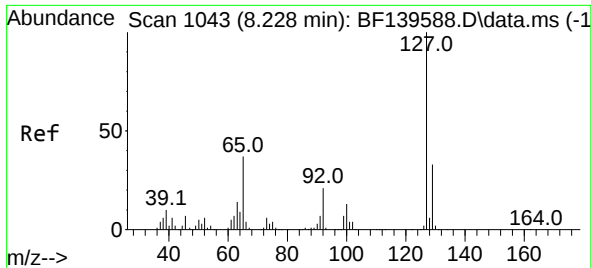
Tgt Ion:128 Resp: 850008
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 47.577 ng
RT: 7.933 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:122 Resp: 168314
Ion Ratio Lower Upper
122 100
105 123.5 104.9 144.9
77 97.1 82.7 122.7

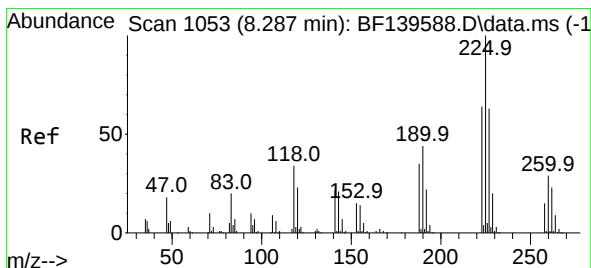
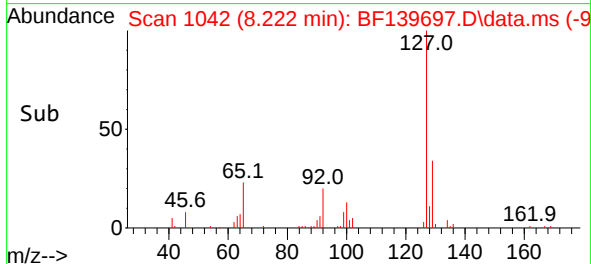
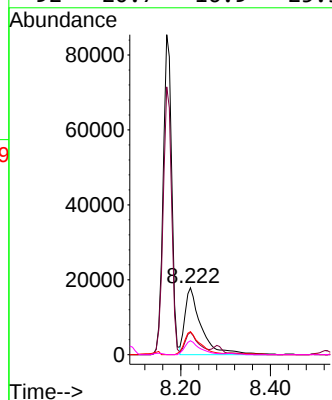
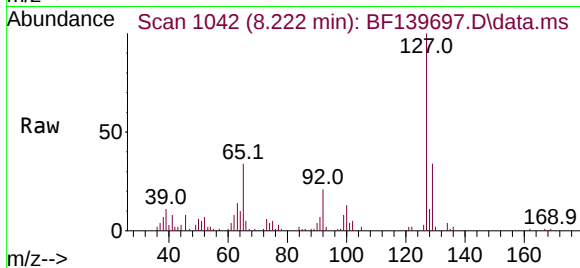




#33
4-Chloroaniline
Concen: 7.886 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

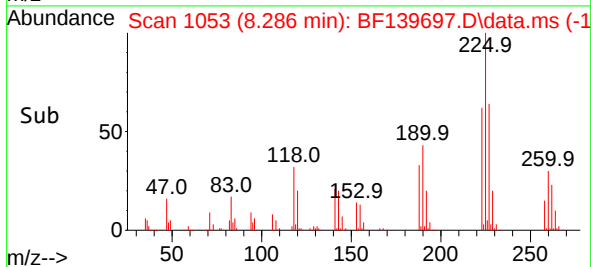
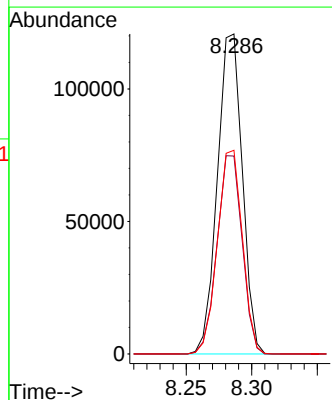
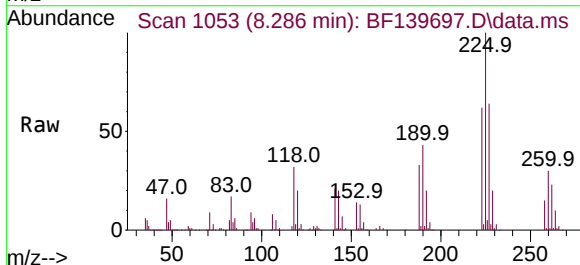
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

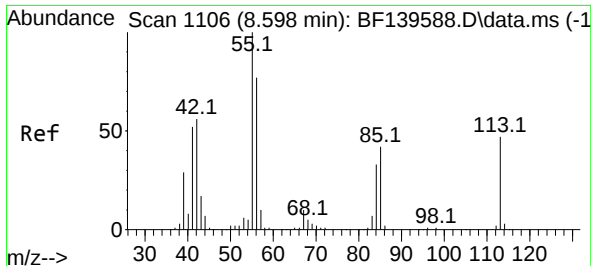
Tgt Ion:	127	Resp:	45115
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.2	39.4
65	34.4	29.3	43.9
92	20.7	16.9	25.3



#34
Hexachlorobutadiene
Concen: 47.003 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:	225	Resp:	159636
Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.9	76.3
227	63.6	50.7	76.1

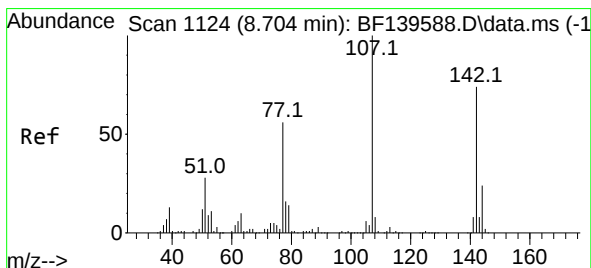
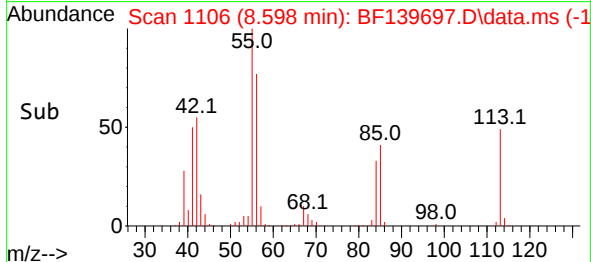
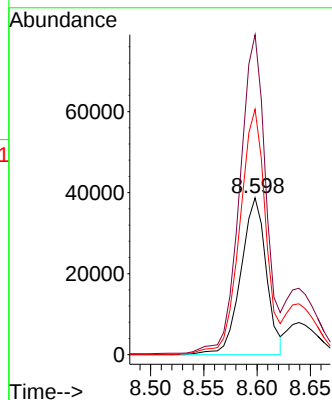
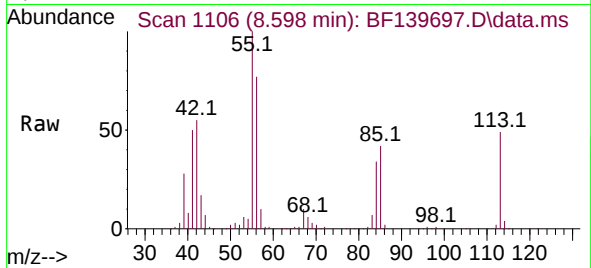




#35
 Caprolactam
 Concen: 42.291 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139697.D
 Acq: 07 Oct 2024 20:21

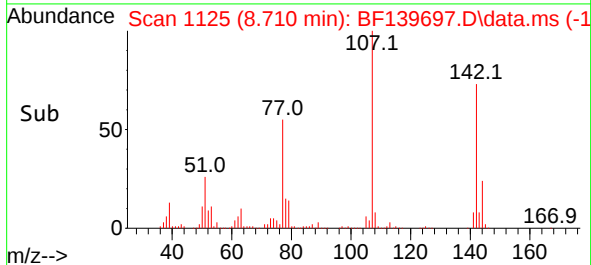
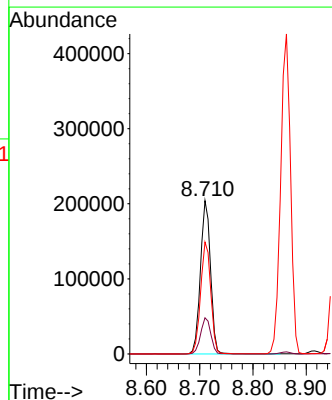
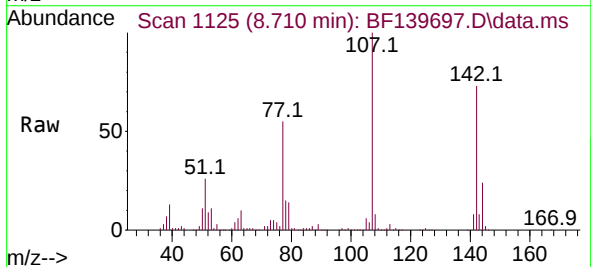
Instrument :
 BNA_F
 ClientSampleId :
 IB-2MSD

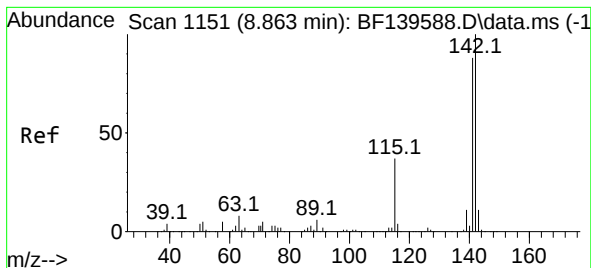
Tgt Ion:113 Resp: 64371
 Ion Ratio Lower Upper
 113 100
 55 204.0 193.4 233.4
 56 156.5 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 51.364 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139697.D
 Acq: 07 Oct 2024 20:21

Tgt Ion:107 Resp: 269825
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.0 28.6
 142 73.0 59.2 88.8

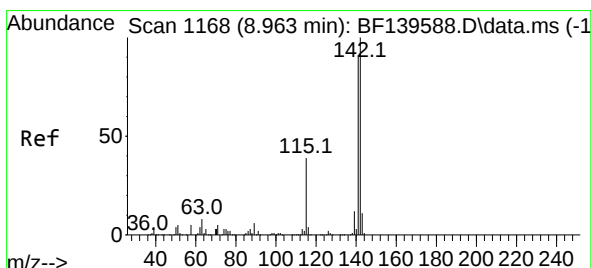
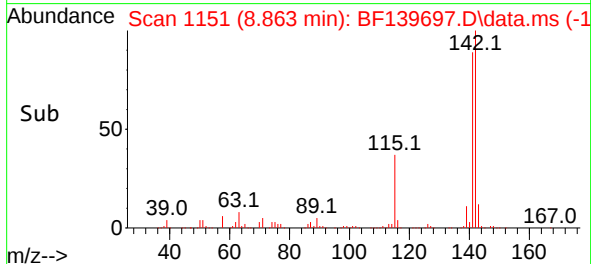
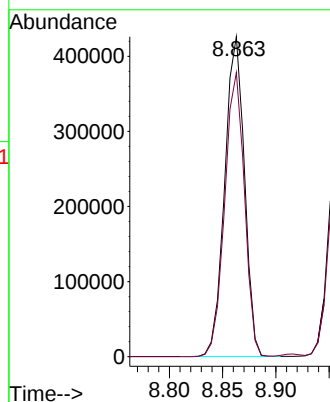
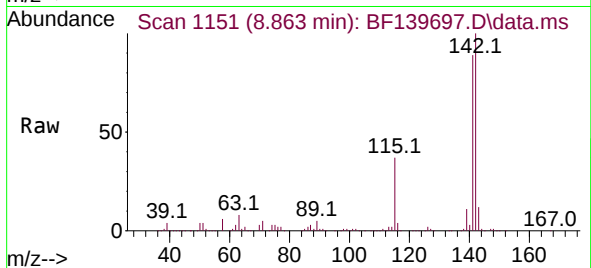




#37
2-Methylnaphthalene
Concen: 49.780 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

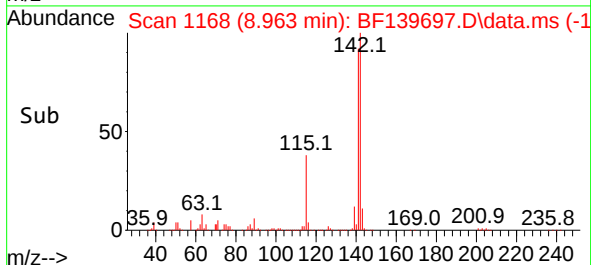
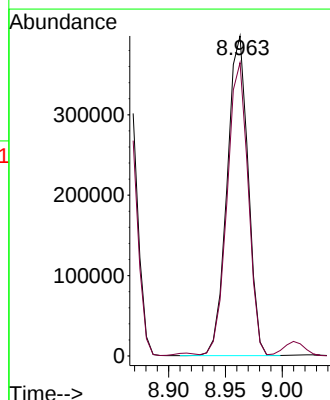
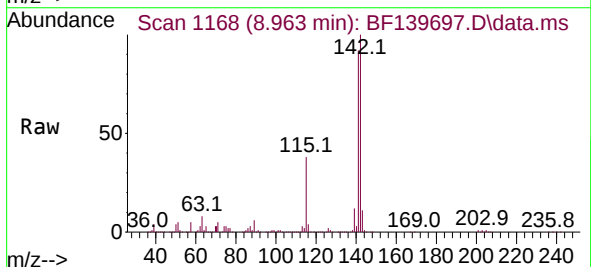
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

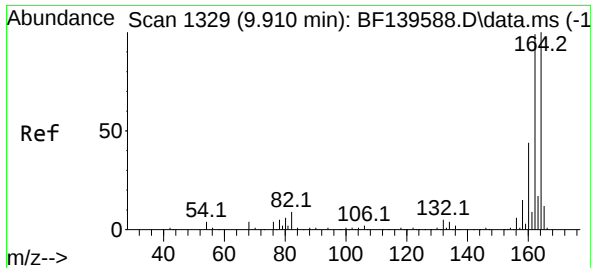
Tgt Ion:142 Resp: 547934
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6



#38
1-Methylnaphthalene
Concen: 47.569 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:142 Resp: 511802
Ion Ratio Lower Upper
142 100
141 91.6 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: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

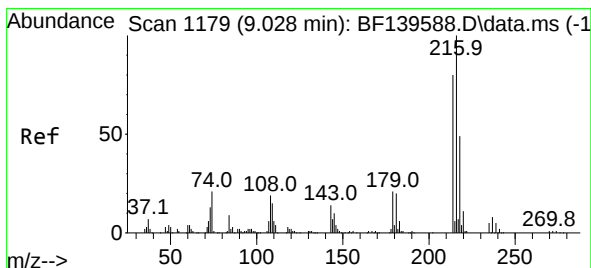
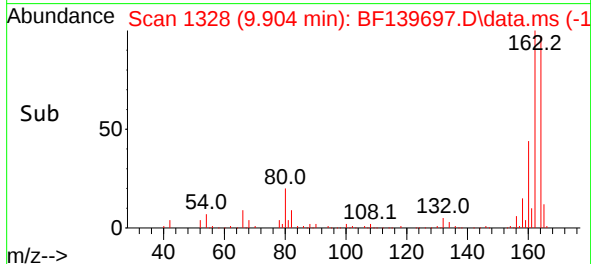
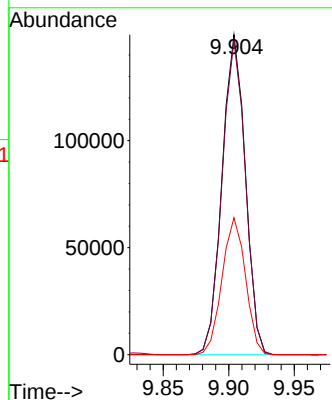
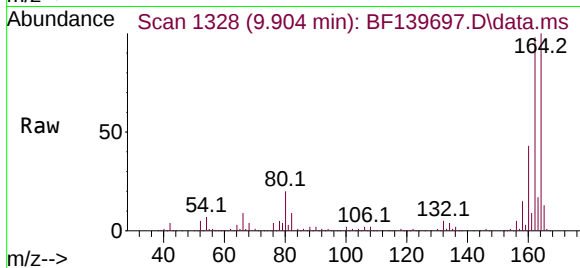
Tgt Ion:164 Resp: 184384

Ion Ratio Lower Upper

164 100

162 98.1 79.4 119.0

160 42.8 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.094 ng

RT: 9.027 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Tgt Ion:216 Resp: 256488

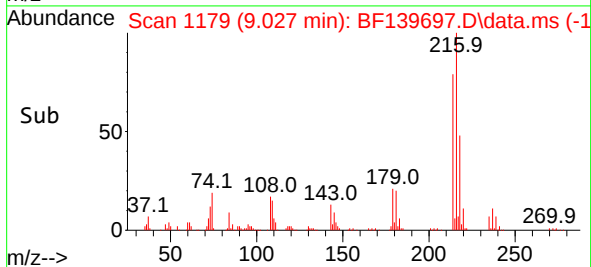
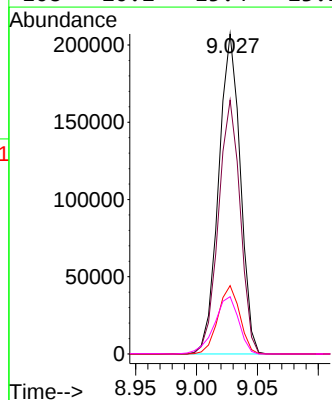
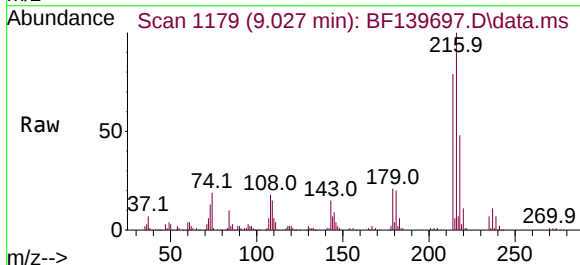
Ion Ratio Lower Upper

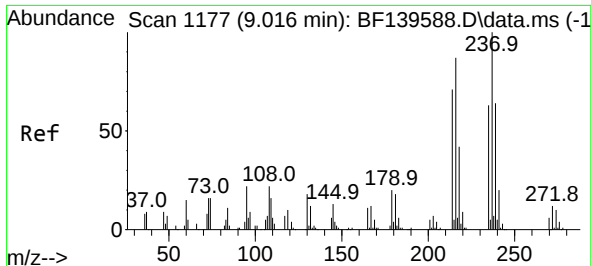
216 100

214 79.3 63.7 95.5

179 21.4 16.9 25.3

108 20.2 15.4 23.2

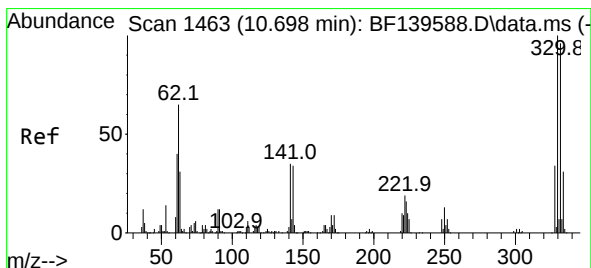
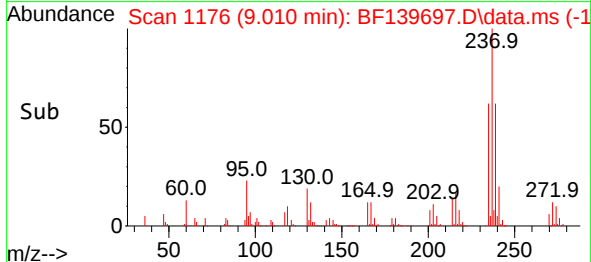
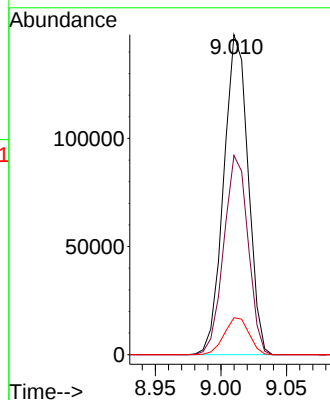
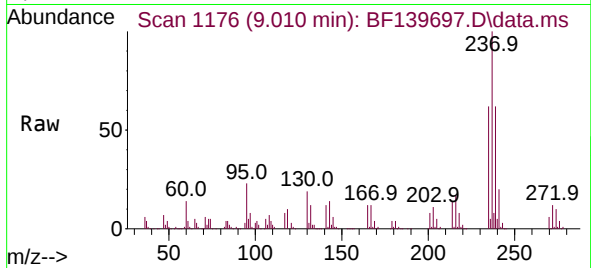




#41
Hexachlorocyclopentadiene
Concen: 121.932 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

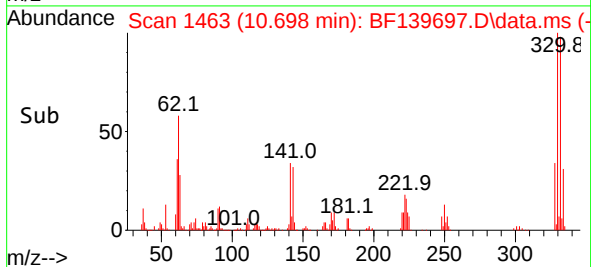
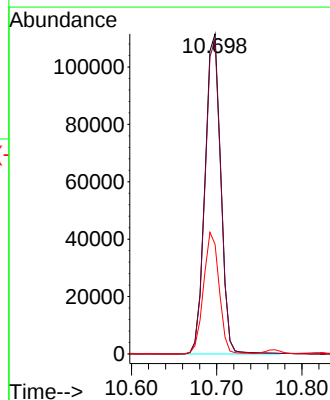
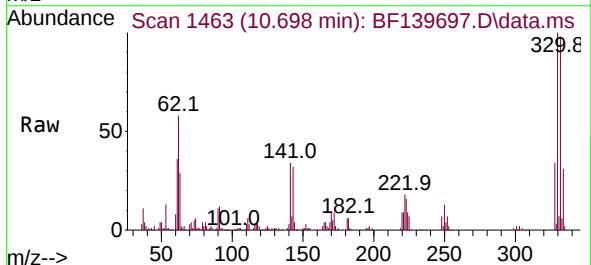
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Tgt Ion:237 Resp: 191428
Ion Ratio Lower Upper
237 100
235 62.3 42.5 82.5
272 11.5 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 80.787 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

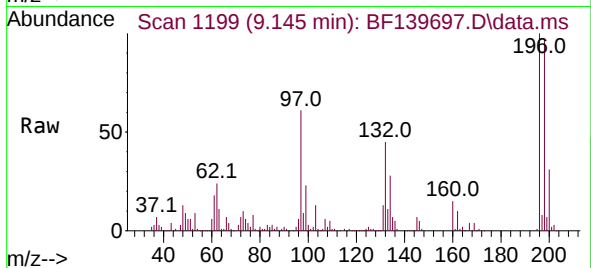
Tgt Ion:330 Resp: 143795
Ion Ratio Lower Upper
330 100
332 98.1 76.5 114.7
141 37.6 29.3 43.9



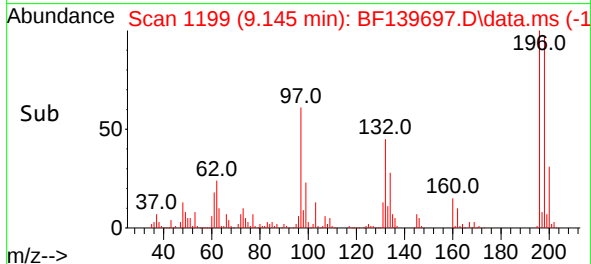
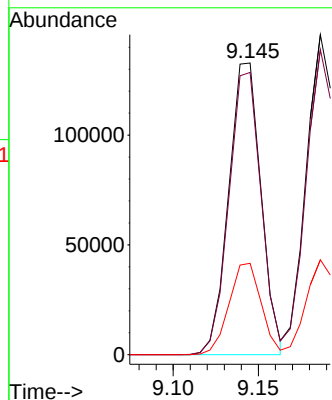


#43
2,4,6-Trichlorophenol
Concen: 50.838 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Instrument :
BNA_F
ClientSampleId :
IB-2MSD

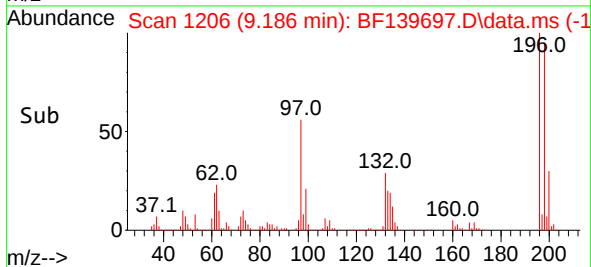
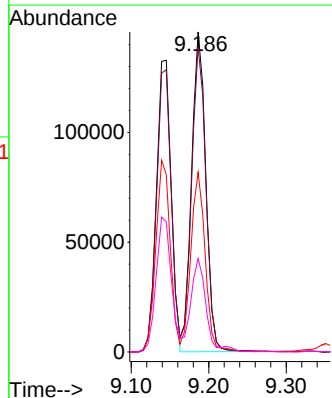
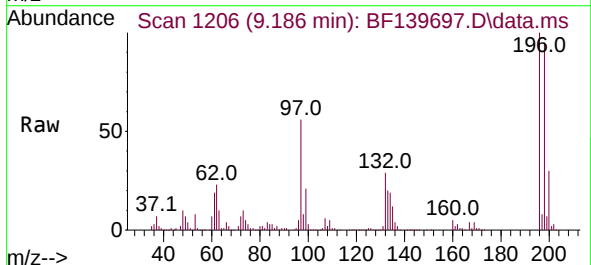


Tgt Ion:196 Resp: 175472
Ion Ratio Lower Upper
196 100
198 96.8 75.2 112.8
200 31.3 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 49.814 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:196 Resp: 185421
Ion Ratio Lower Upper
196 100
198 95.3 77.5 116.3
97 56.2 43.1 64.7
132 29.2 22.2 33.4

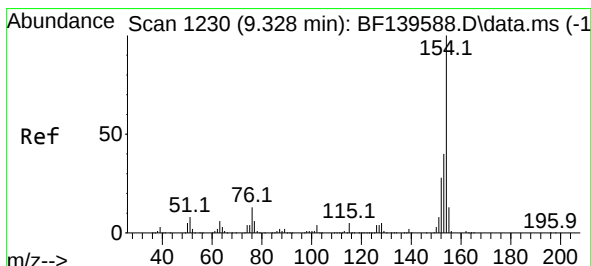
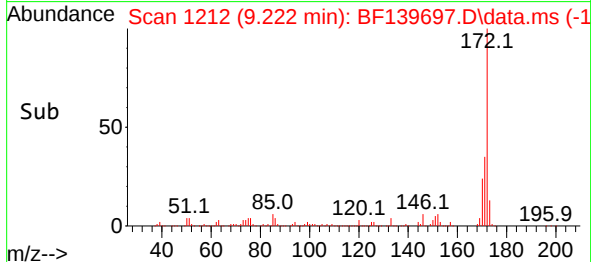
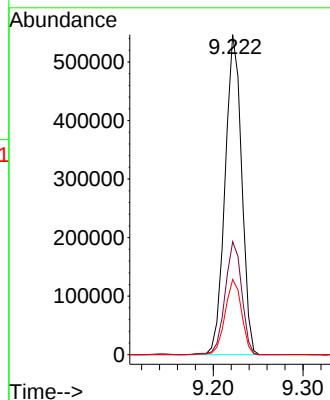
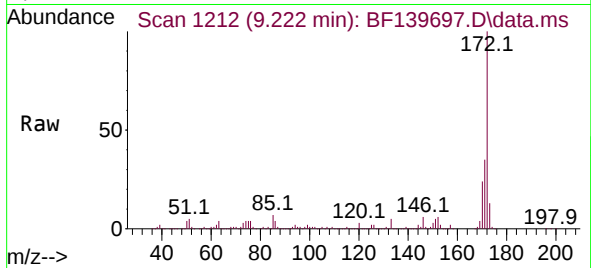




#45
2-Fluorobiphenyl
Concen: 58.339 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

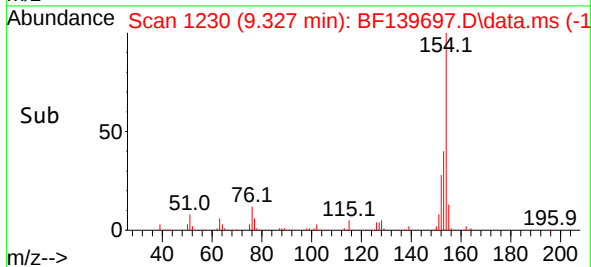
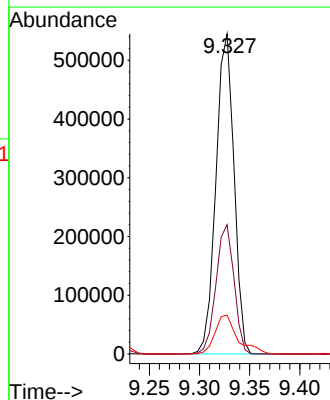
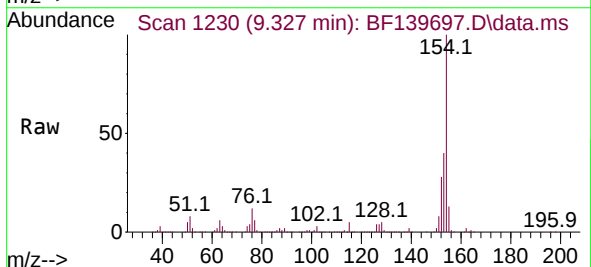
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

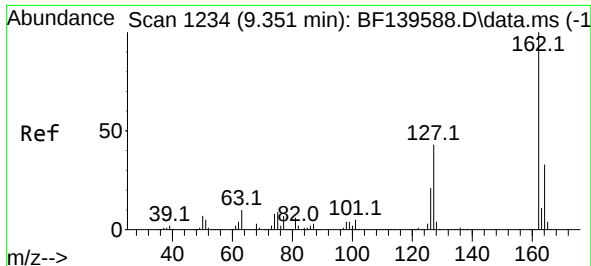
Tgt Ion:172 Resp: 700678
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 49.743 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:154 Resp: 682175
Ion Ratio Lower Upper
154 100
153 40.4 20.1 60.1
76 12.1 0.0 32.6





#47

2-Chloronaphthalene

Concen: 49.872 ng

RT: 9.351 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

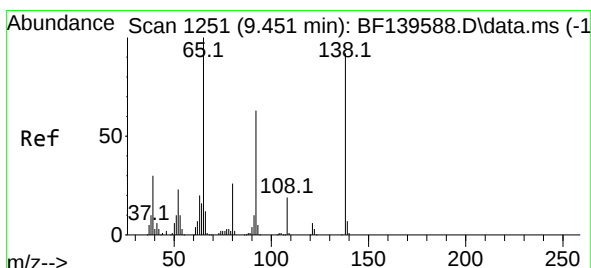
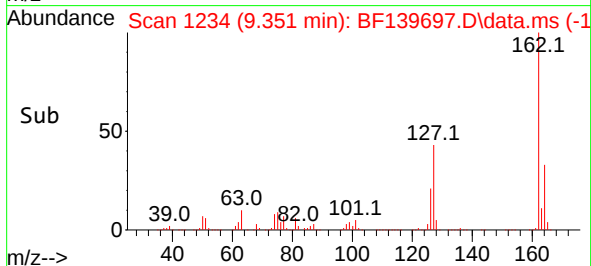
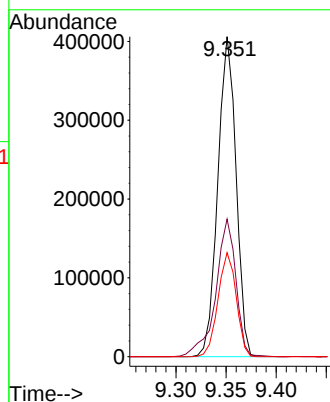
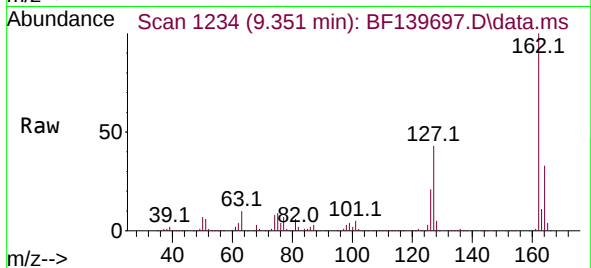
Tgt Ion:162 Resp: 512728

Ion Ratio Lower Upper

162 100

127 43.0 35.0 52.4

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 51.460 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

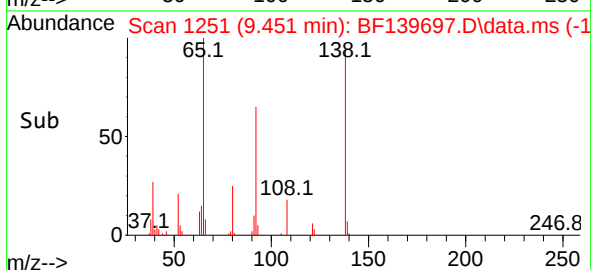
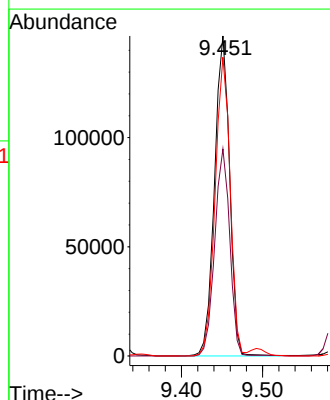
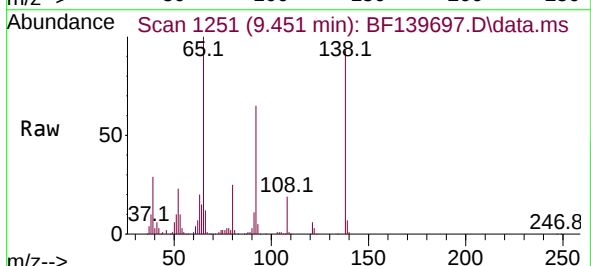
Tgt Ion: 65 Resp: 189915

Ion Ratio Lower Upper

65 100

92 64.7 50.0 75.0

138 93.4 73.8 110.8





#49

Acenaphthylene

Concen: 53.151 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

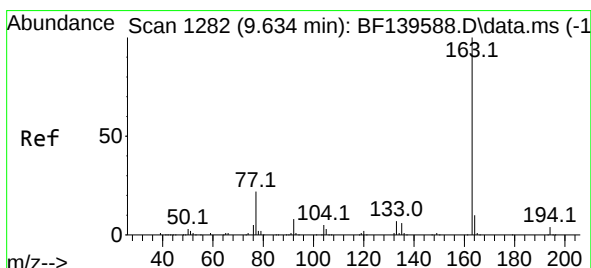
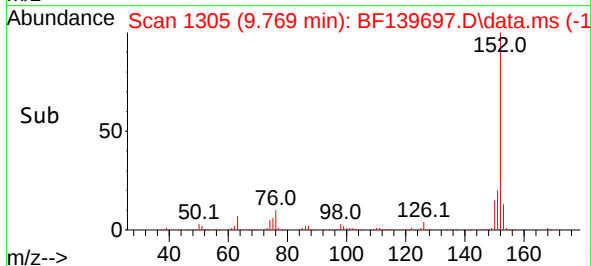
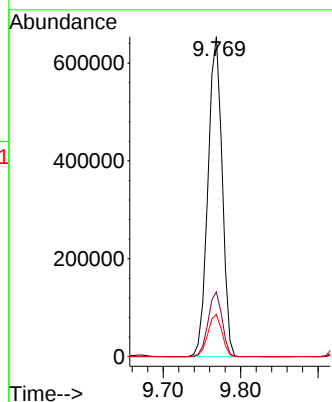
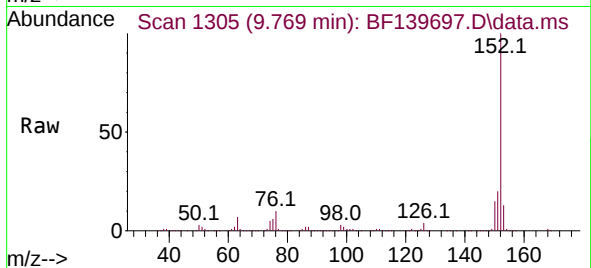
Tgt Ion:152 Resp: 831011

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 51.170 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

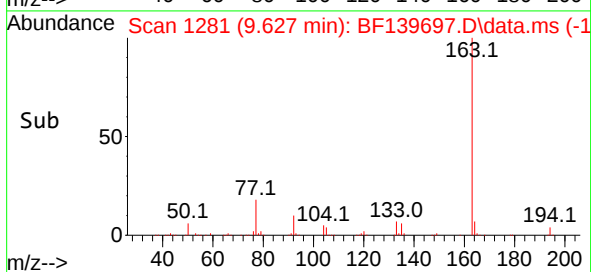
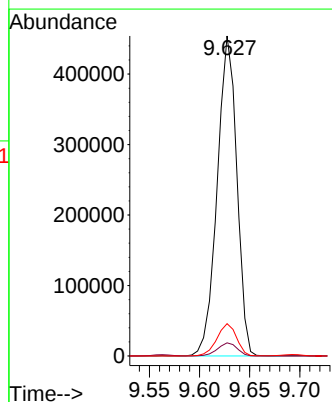
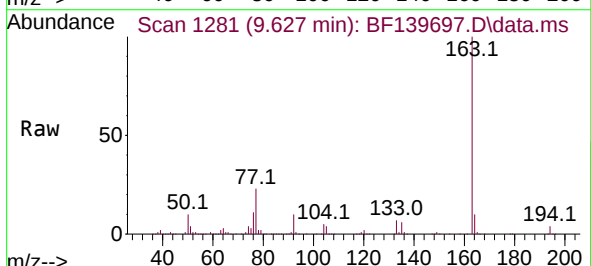
Tgt Ion:163 Resp: 617618

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.1 8.1 12.1

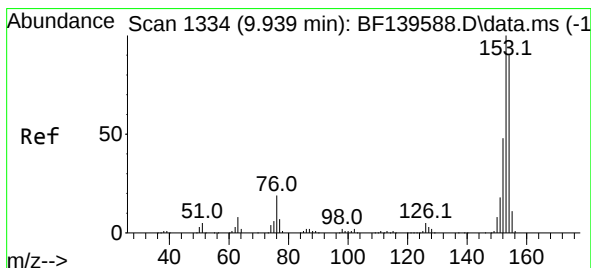
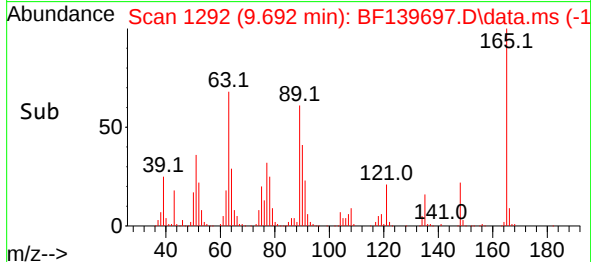
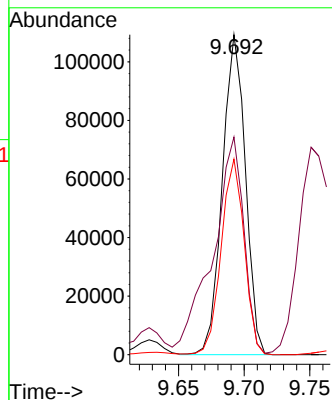
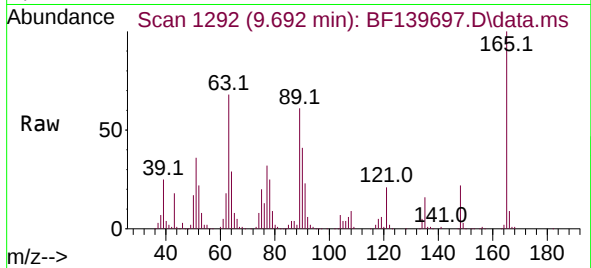




#51
2,6-Dinitrotoluene
Concen: 48.911 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

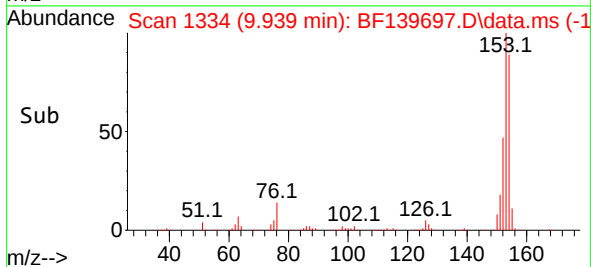
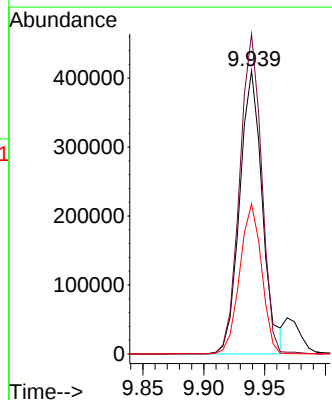
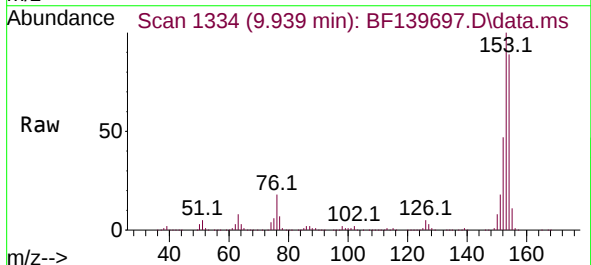
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

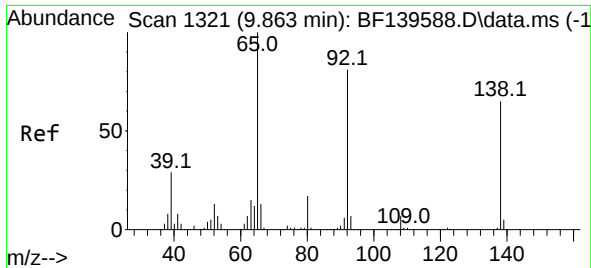
Tgt Ion:165 Resp: 133358
Ion Ratio Lower Upper
165 100
63 68.0 56.7 85.1
89 61.1 51.6 77.4



#52
Acenaphthene
Concen: 49.629 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:154 Resp: 532692
Ion Ratio Lower Upper
154 100
153 113.0 88.8 133.2
152 52.9 42.5 63.7

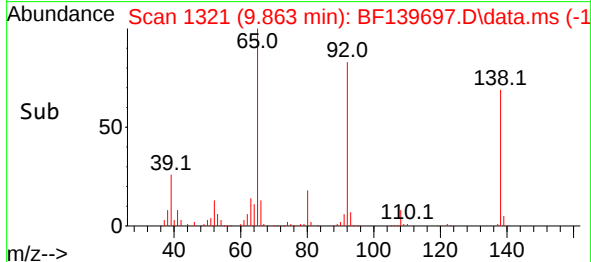
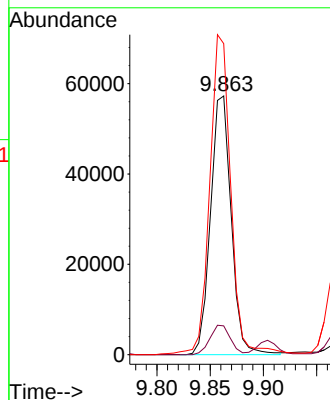
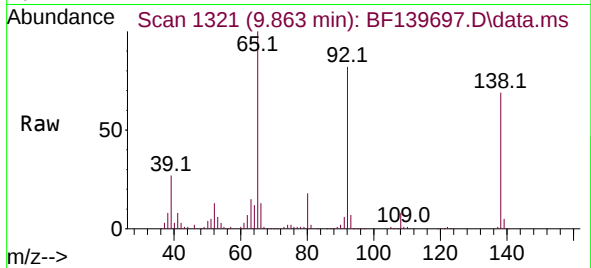




#53
3-Nitroaniline
Concen: 27.816 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

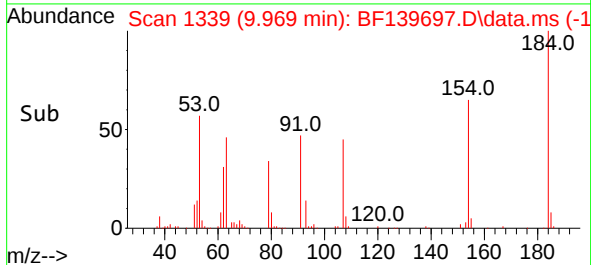
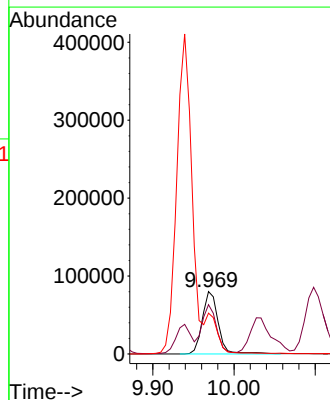
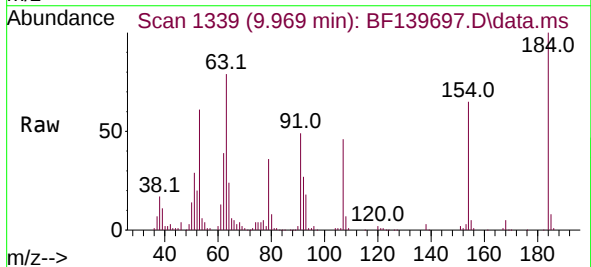
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Tgt Ion:138 Resp: 77503
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 120.2 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 74.365 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:184 Resp: 109057
Ion Ratio Lower Upper
184 100
63 79.0 61.7 92.5
154 65.5 53.0 79.4

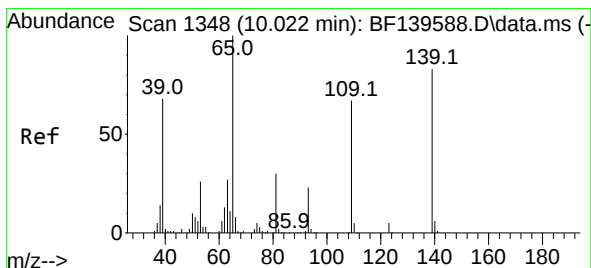
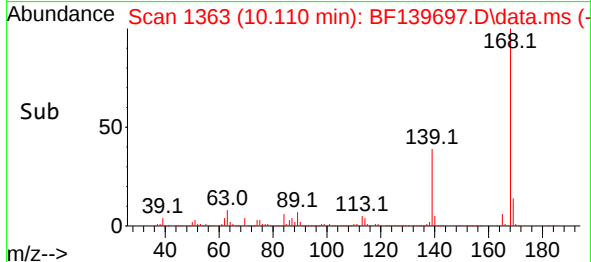
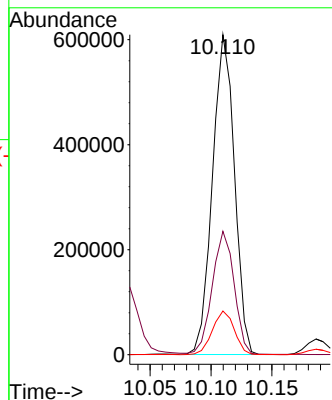
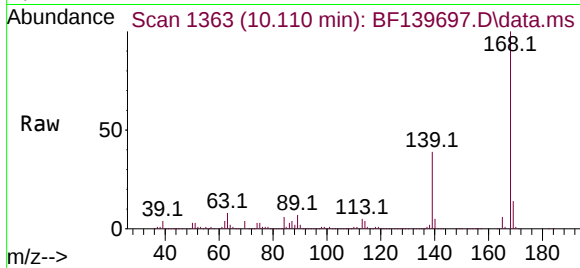




#55
Dibenzofuran
Concen: 50.925 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

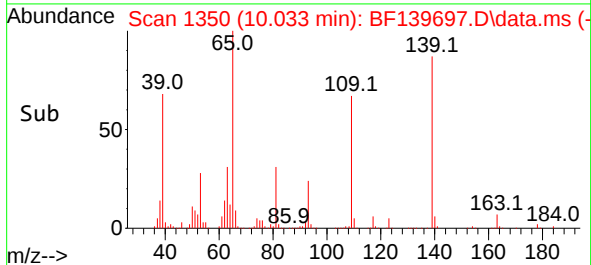
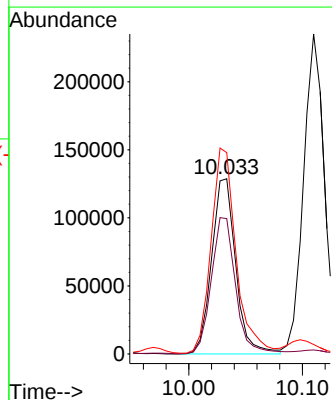
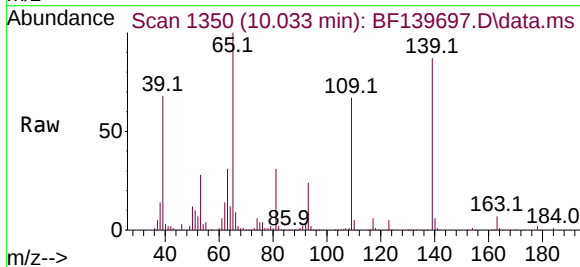
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

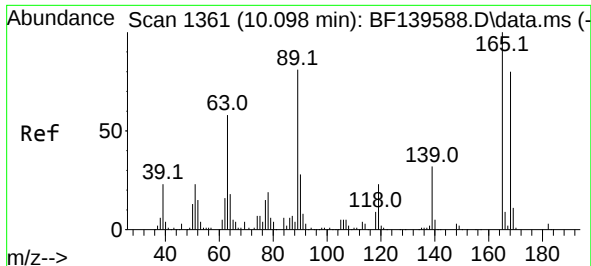
Tgt Ion:168 Resp: 765312
Ion Ratio Lower Upper
168 100
139 38.6 30.4 45.6
169 13.7 10.7 16.1



#56
4-Nitrophenol
Concen: 89.639 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:139 Resp: 190465
Ion Ratio Lower Upper
139 100
109 77.2 60.3 100.3
65 114.8 100.8 140.8

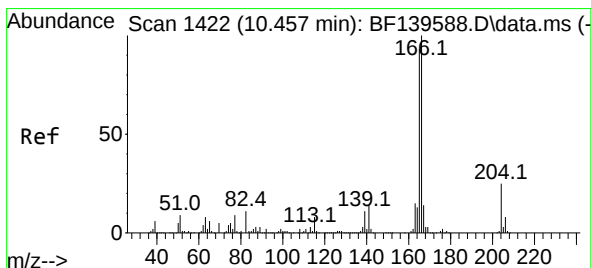
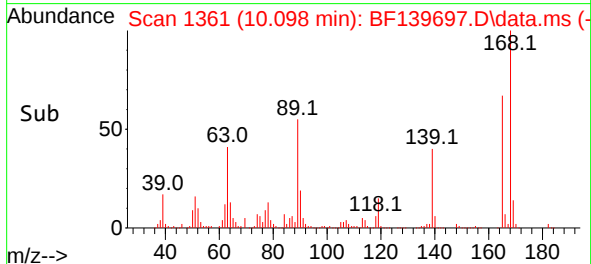
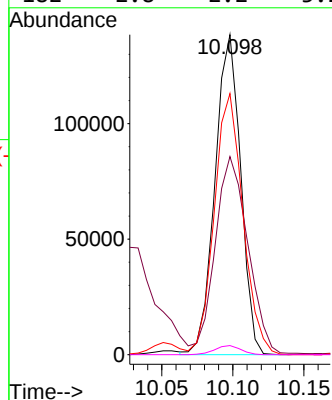
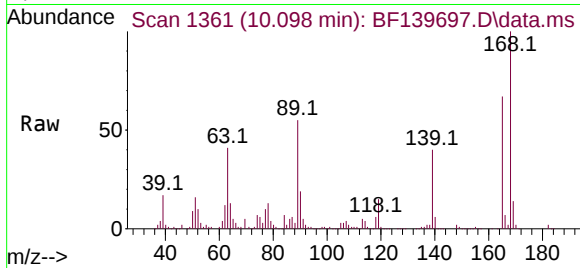




#57
2,4-Dinitrotoluene
Concen: 48.768 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

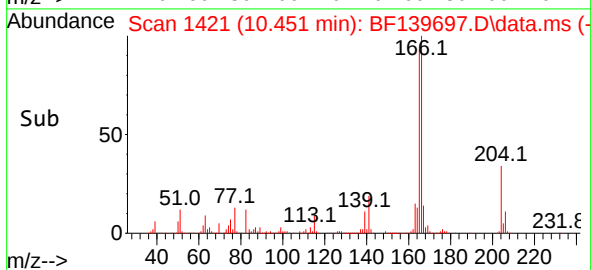
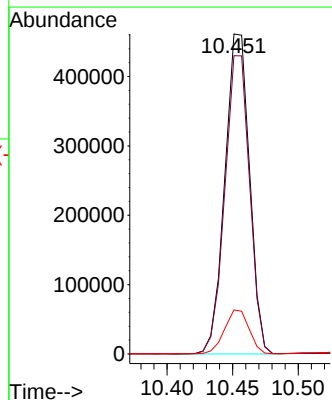
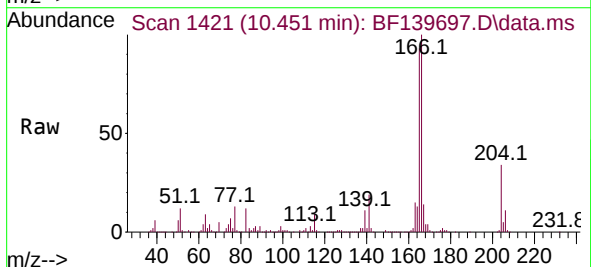
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Tgt Ion:165 Resp: 173806
Ion Ratio Lower Upper
165 100
63 61.9 46.9 70.3
89 81.6 64.4 96.6
182 2.8 2.2 3.2



#58
Fluorene
Concen: 50.547 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:166 Resp: 605032
Ion Ratio Lower Upper
166 100
165 93.2 74.4 111.6
167 13.8 10.9 16.3

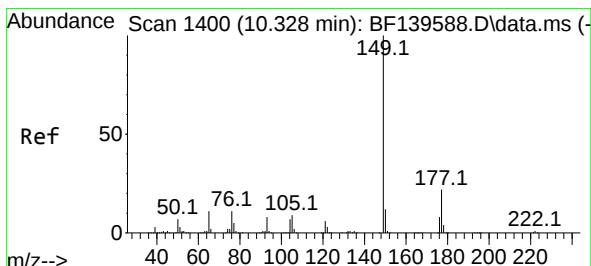
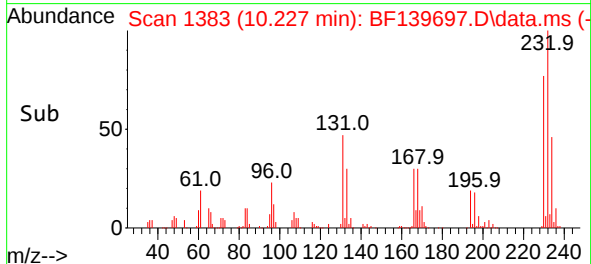
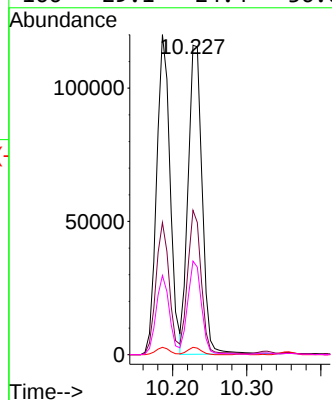
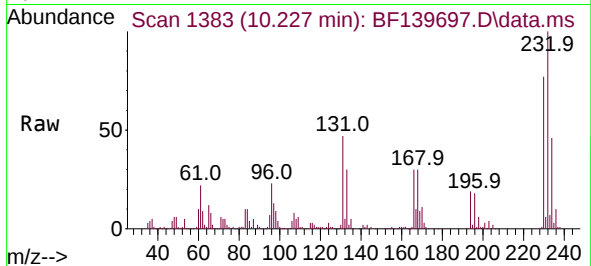




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.800 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

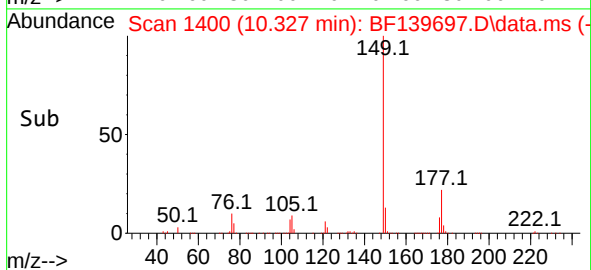
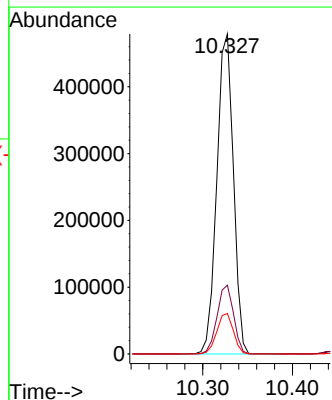
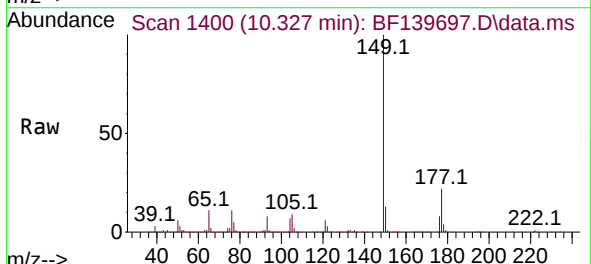
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

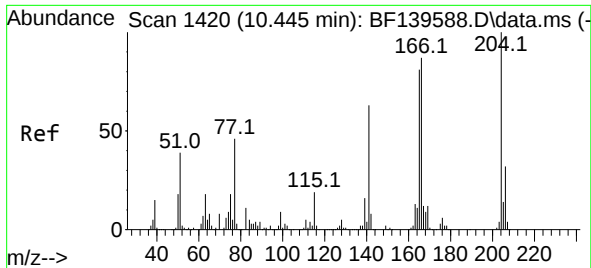
Tgt Ion:232 Resp: 152726
Ion Ratio Lower Upper
232 100
131 44.2 37.8 56.6
130 2.3 1.9 2.9
166 29.1 24.4 36.6



#60
Diethylphthalate
Concen: 49.213 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:149 Resp: 613528
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 12.6 10.0 15.0

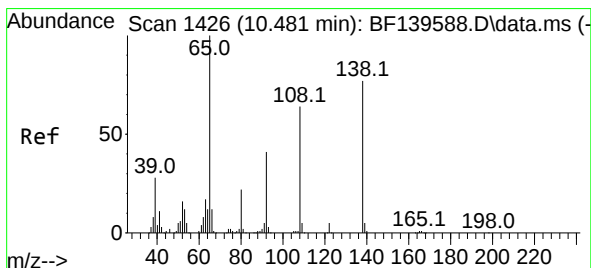
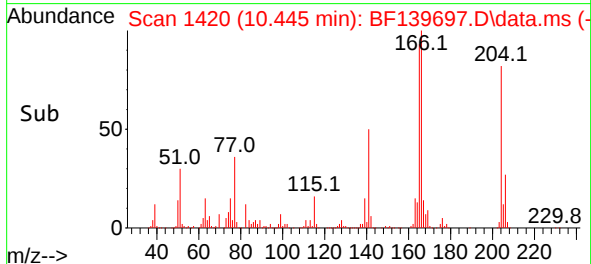
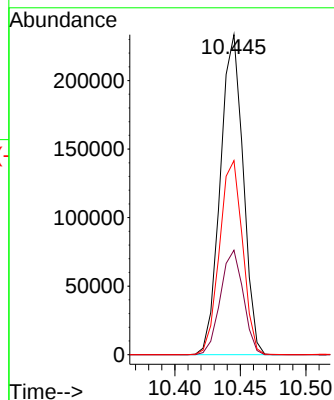
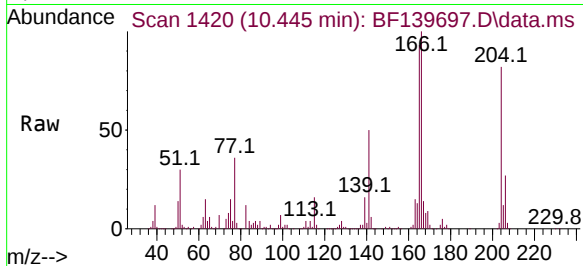




#61
4-Chlorophenyl-phenylether
Concen: 47.222 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

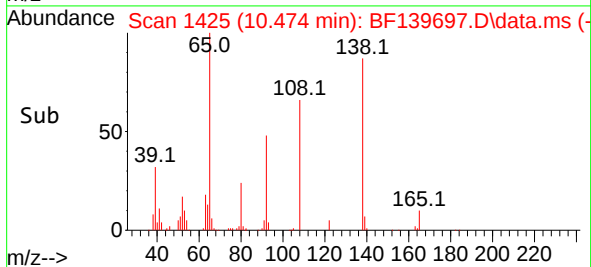
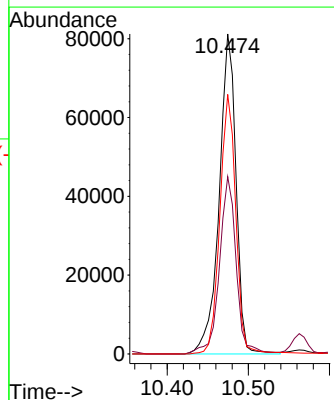
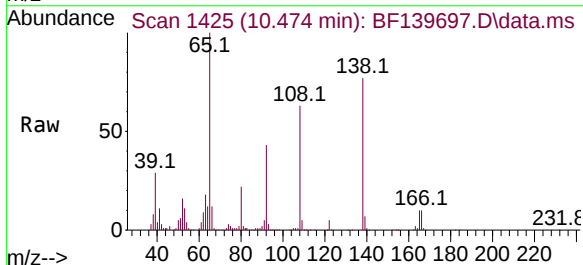
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

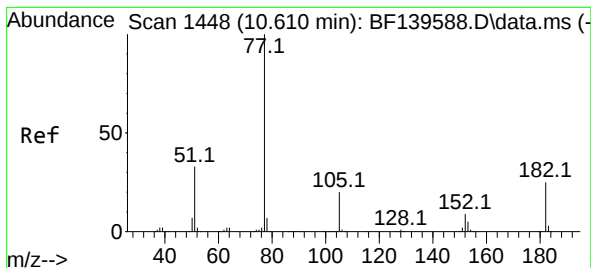
Tgt Ion:204 Resp: 282777
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 60.7 50.5 75.7



#62
4-Nitroaniline
Concen: 41.264 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:138 Resp: 117605
Ion Ratio Lower Upper
138 100
92 55.4 33.3 73.3
108 81.1 62.1 102.1





#63

Azobenzene

Concen: 54.404 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

Tgt Ion: 77 Resp: 682094

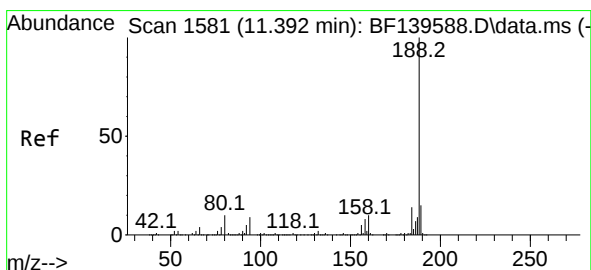
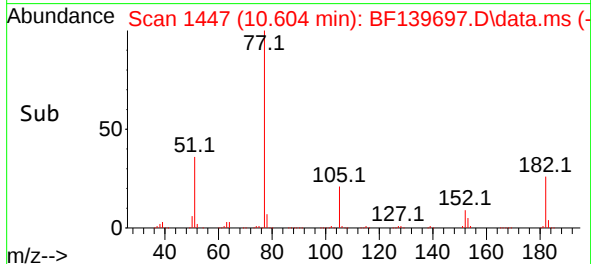
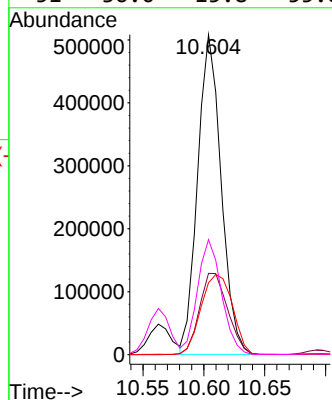
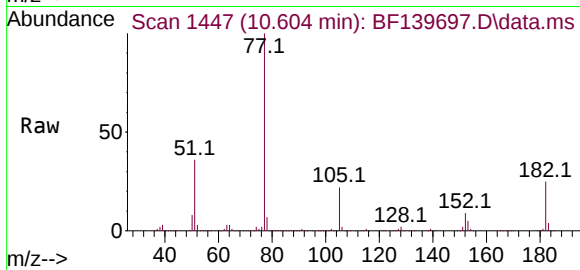
Ion Ratio Lower Upper

77 100

182 25.4 4.2 44.2

105 22.4 0.0 39.6

51 36.0 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: BF139697.D

Acq: 07 Oct 2024 20:21

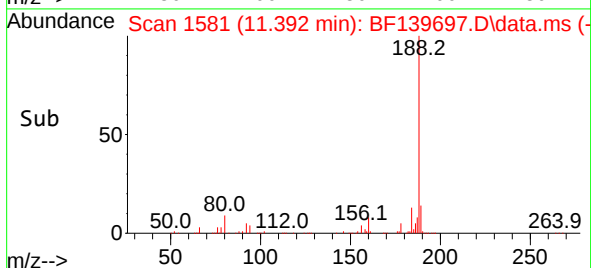
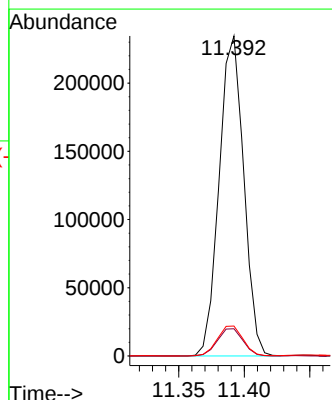
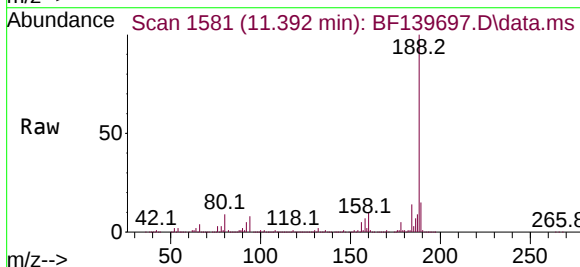
Tgt Ion:188 Resp: 305218

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.3 8.2 12.2

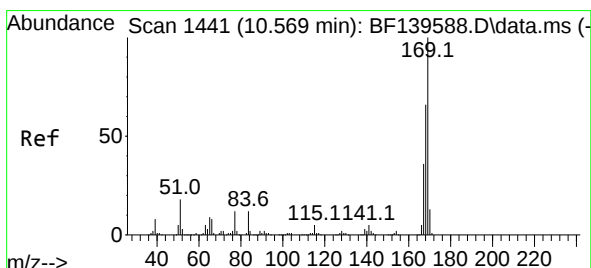
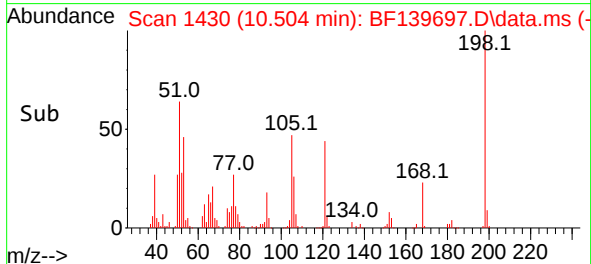
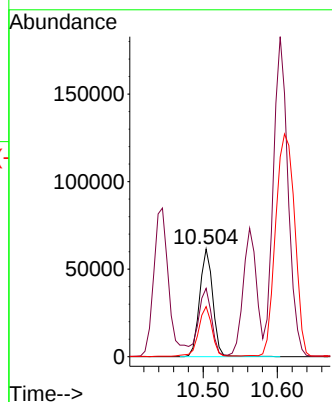
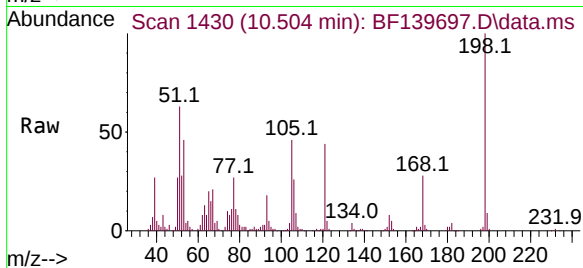




#65
4,6-Dinitro-2-methylphenol
Concen: 43.980 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

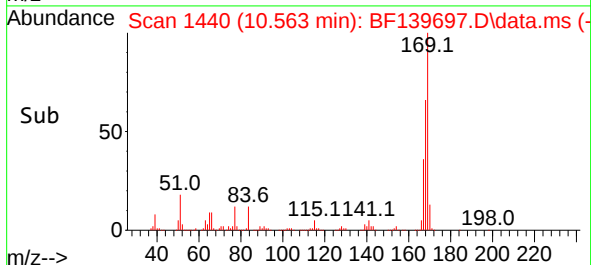
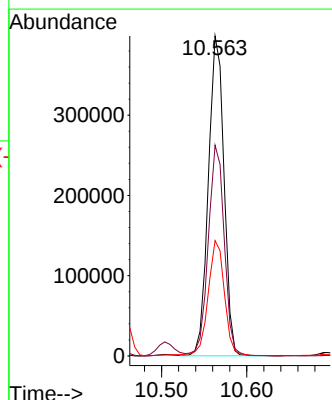
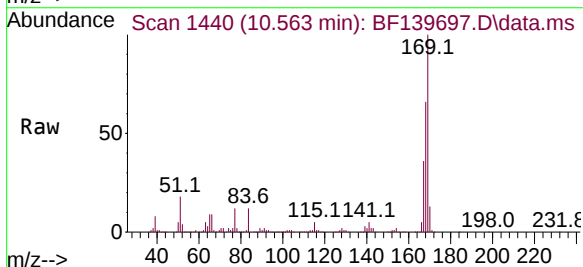
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Tgt Ion:198 Resp: 75813
Ion Ratio Lower Upper
198 100
51 63.4 43.0 83.0
105 46.5 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 56.469 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:169 Resp: 508033
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.0 28.6 43.0

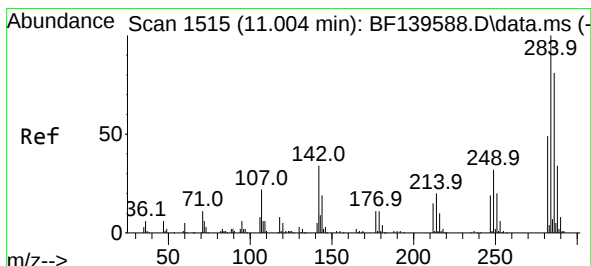
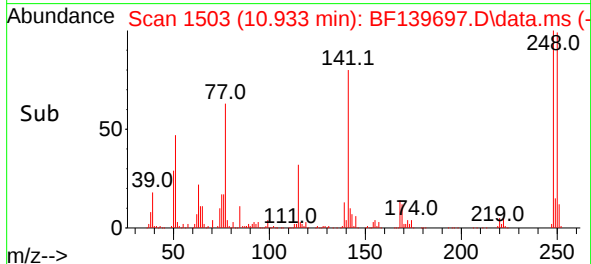
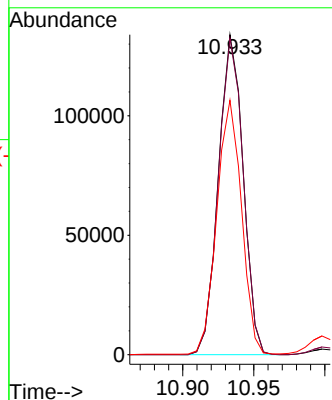
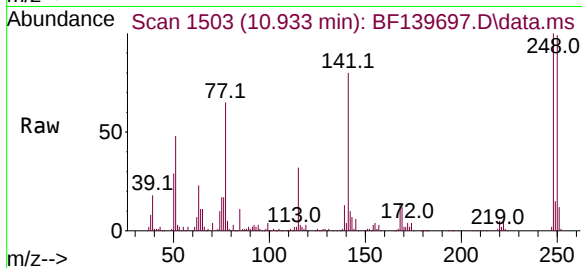




#67
4-Bromophenyl-phenylether
Concen: 51.826 ng
RT: 10.933 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

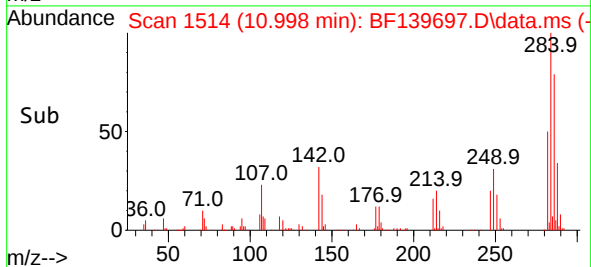
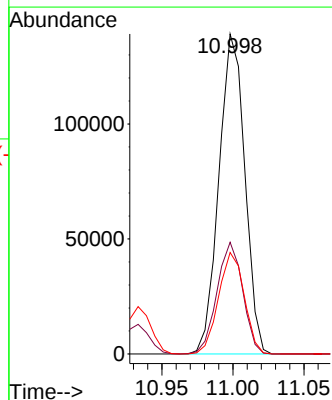
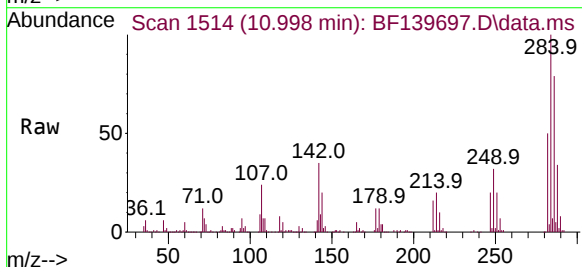
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Tgt Ion:248 Resp: 162185
Ion Ratio Lower Upper
248 100
250 98.9 77.1 115.7
141 79.5 60.4 90.6



#68
Hexachlorobenzene
Concen: 50.751 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:284 Resp: 176235
Ion Ratio Lower Upper
284 100
142 34.9 26.9 40.3
249 31.7 25.4 38.0





#69

Atrazine

Concen: 63.204 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

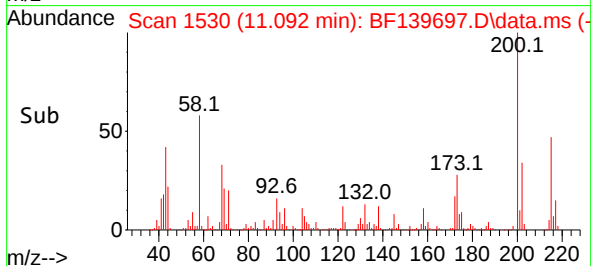
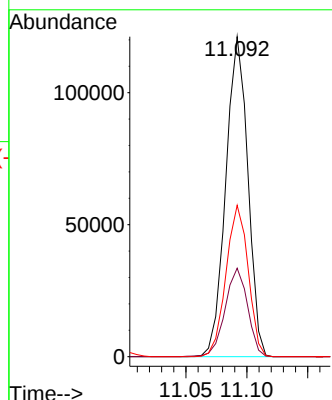
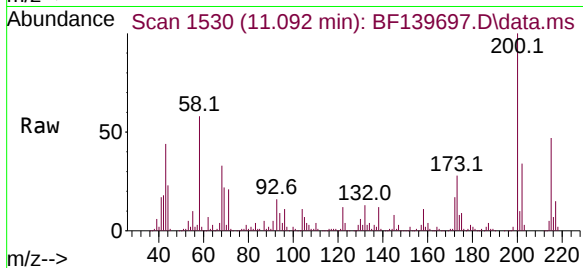
Tgt Ion:200 Resp: 152564

Ion Ratio Lower Upper

200 100

173 27.7 6.7 46.7

215 47.3 27.5 67.5



#70

Pentachlorophenol

Concen: 89.769 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

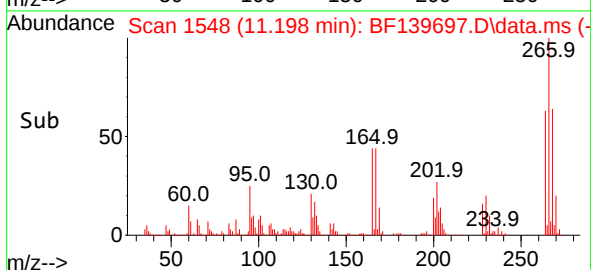
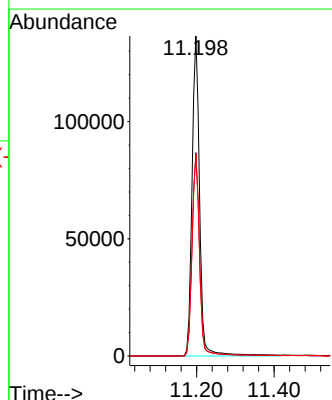
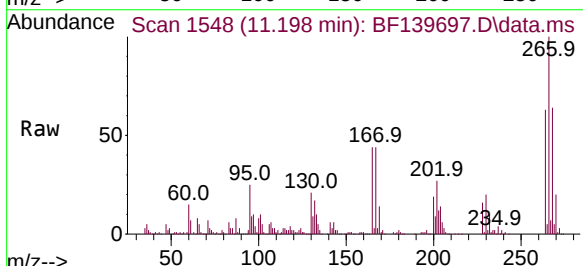
Tgt Ion:266 Resp: 185617

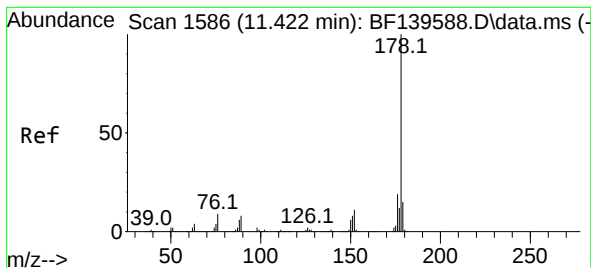
Ion Ratio Lower Upper

266 100

268 63.5 50.0 75.0

264 62.9 49.3 73.9





#71

Phenanthrene

Concen: 72.264 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

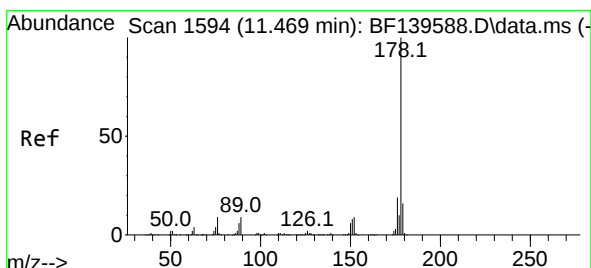
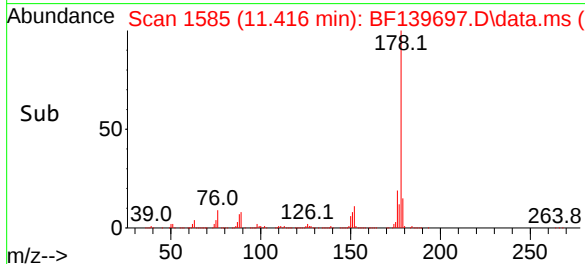
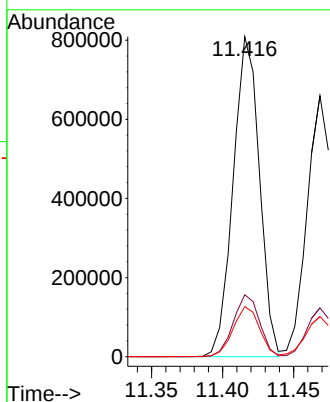
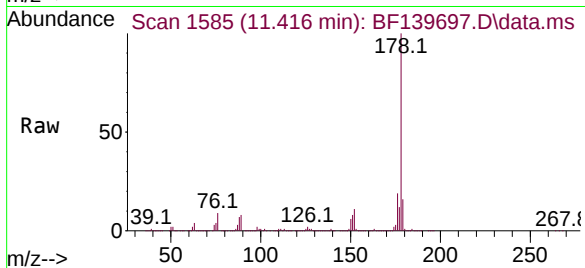
Tgt Ion:178 Resp: 1039973

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.7 12.3 18.5



#72

Anthracene

Concen: 58.480 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

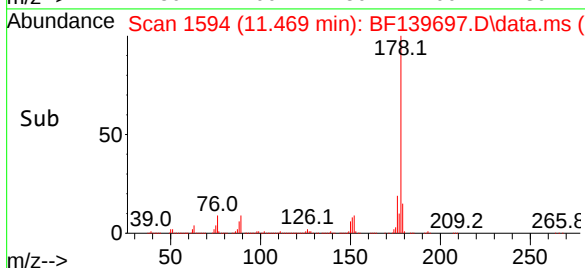
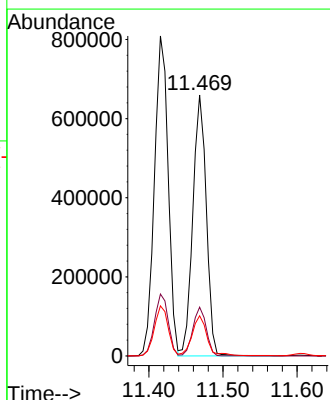
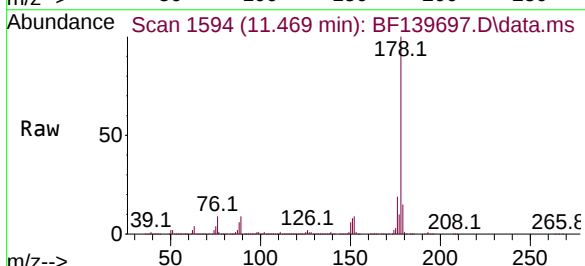
Tgt Ion:178 Resp: 832596

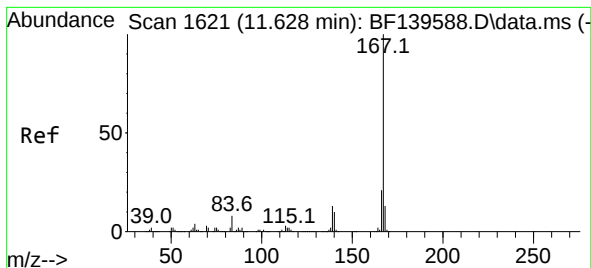
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.4 12.5 18.7





#73

Carbazole

Concen: 49.351 ng

RT: 11.621 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

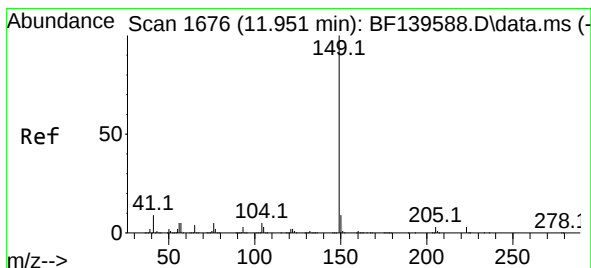
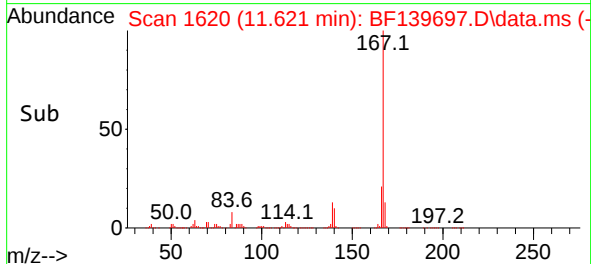
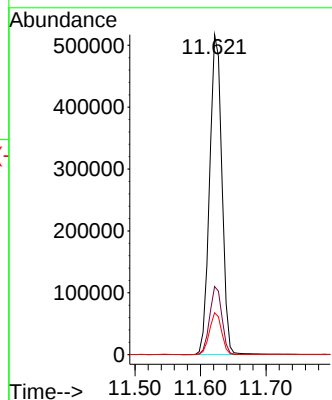
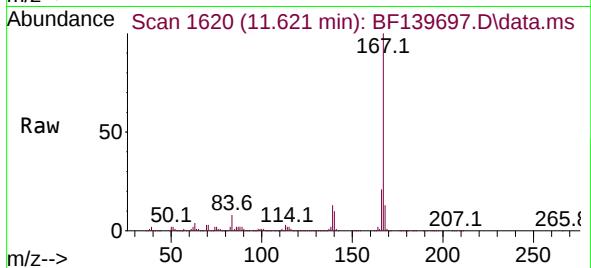
Tgt Ion:167 Resp: 674836

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 50.220 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

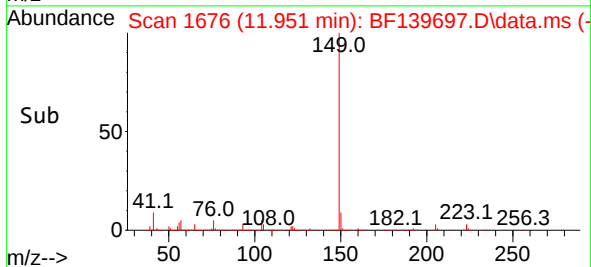
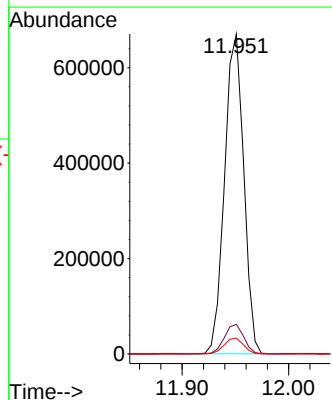
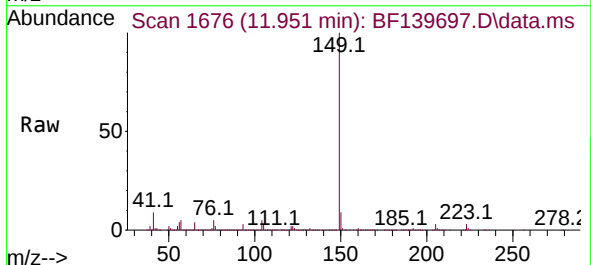
Tgt Ion:149 Resp: 835074

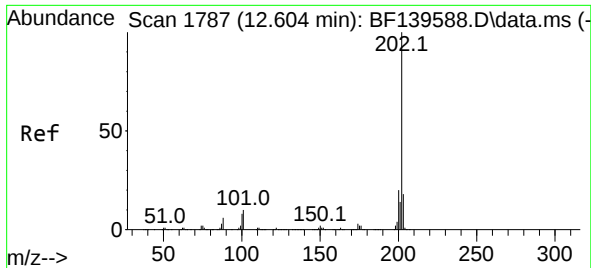
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 4.1 6.1

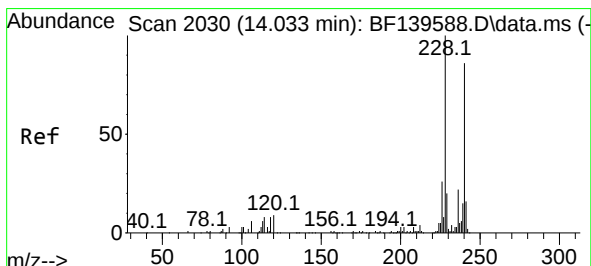
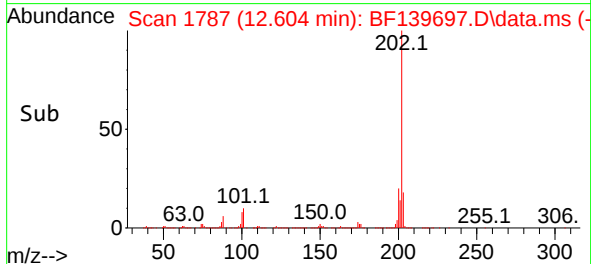
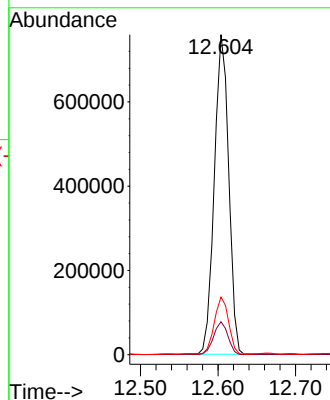
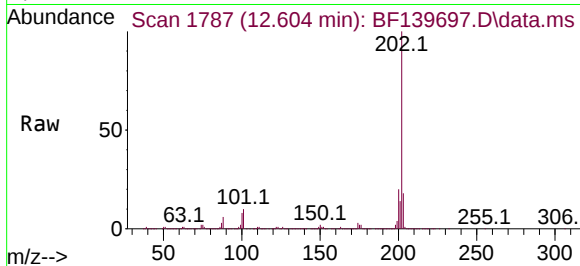




#75
Fluoranthene
Concen: 62.169 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

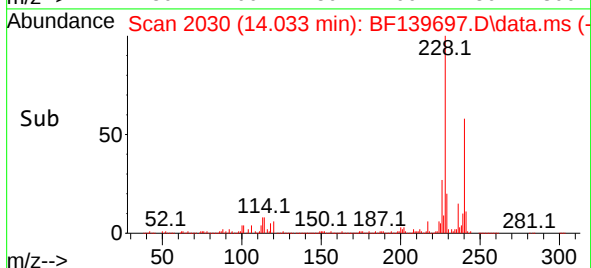
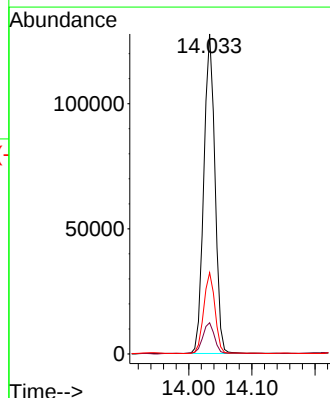
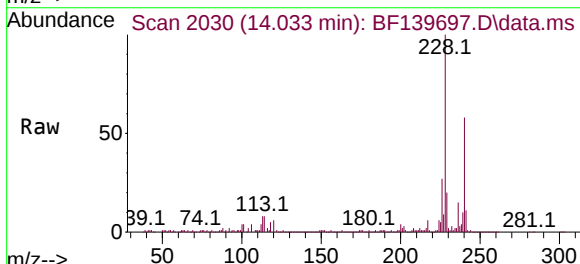
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

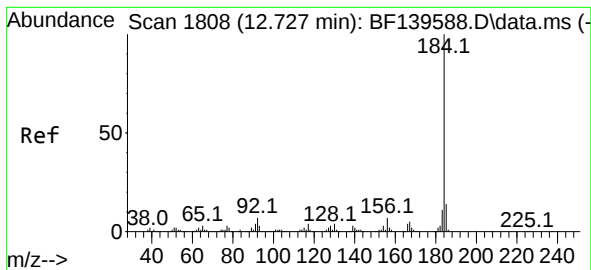
Tgt Ion:202 Resp: 978036
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.2
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:240 Resp: 156496
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 25.4 20.3 30.5





#77

Benzidine

Concen: 59.493 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

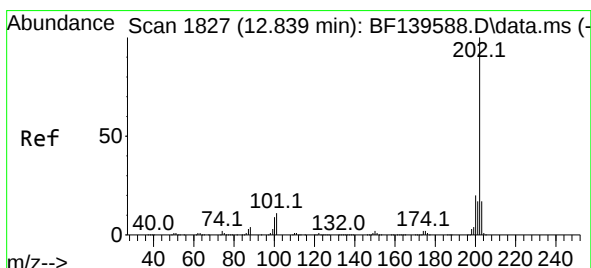
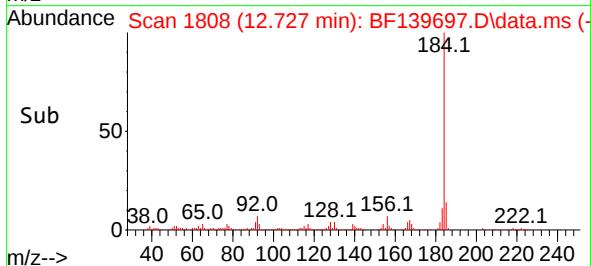
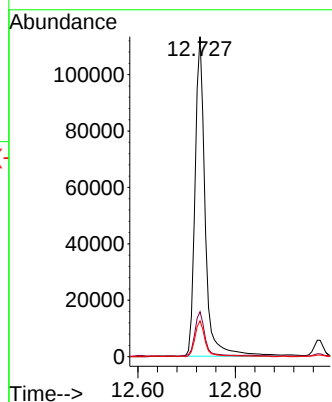
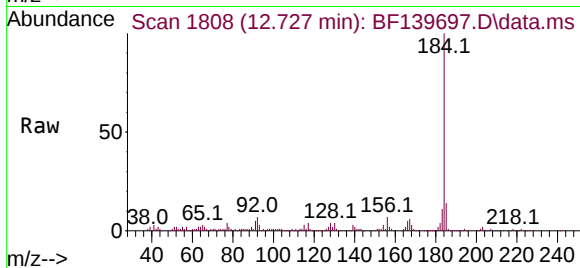
Tgt Ion:184 Resp: 164225

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 11.2 8.8 13.2



#78

Pyrene

Concen: 65.655 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

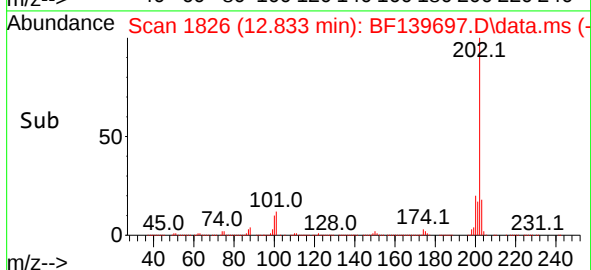
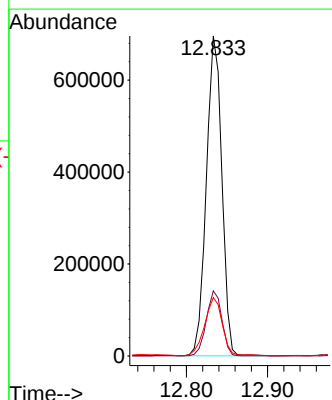
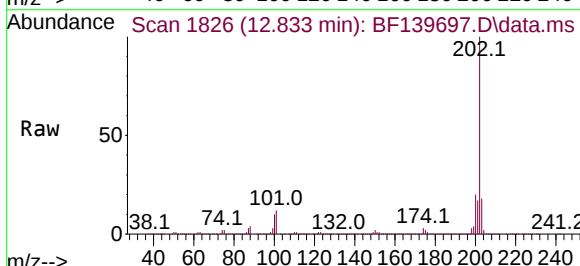
Tgt Ion:202 Resp: 918971

Ion Ratio Lower Upper

202 100

200 20.3 15.8 23.6

203 18.3 13.8 20.8





#79

Terphenyl-d14

Concen: 53.427 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

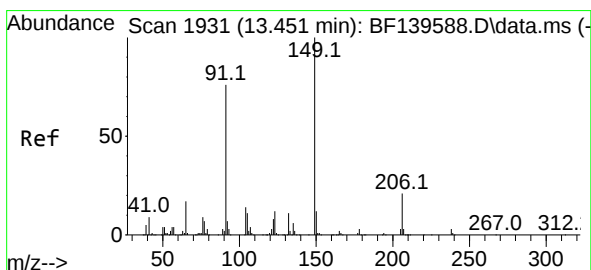
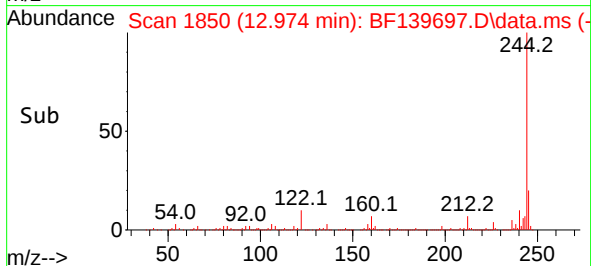
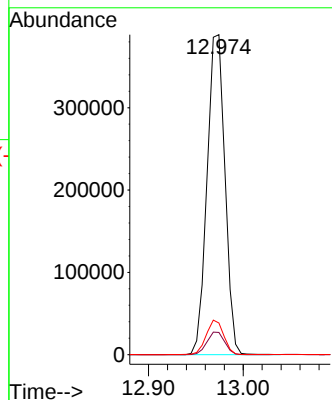
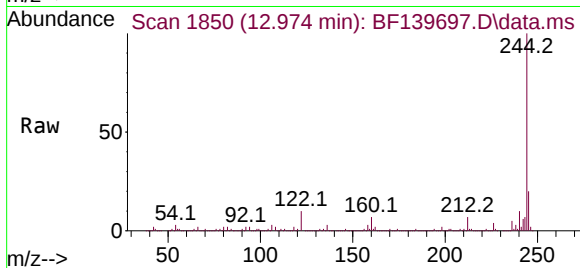
Tgt Ion:244 Resp: 509562

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 9.9 8.6 12.8



#80

Butylbenzylphthalate

Concen: 52.331 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

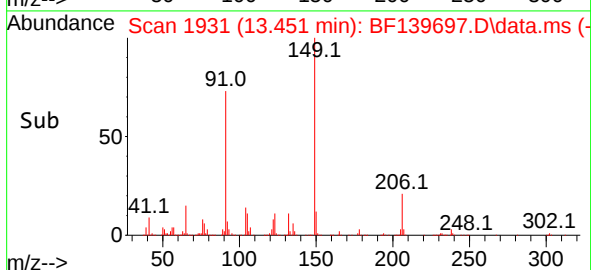
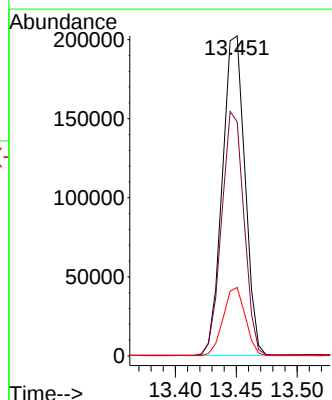
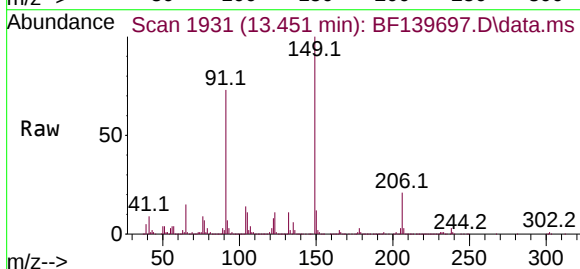
Tgt Ion:149 Resp: 261999

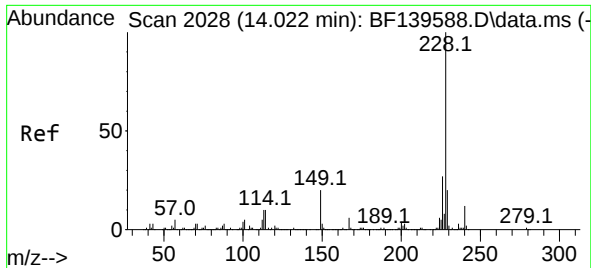
Ion Ratio Lower Upper

149 100

91 73.2 61.0 91.4

206 21.4 16.6 24.8

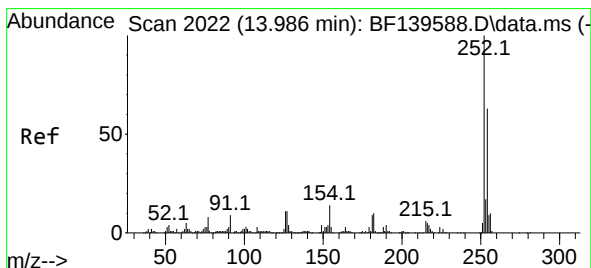
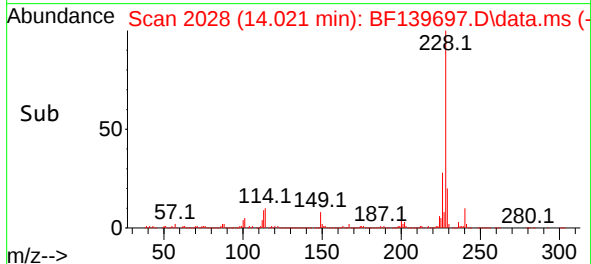
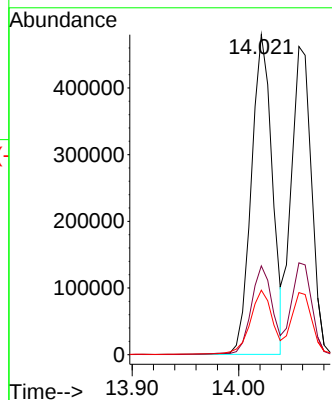
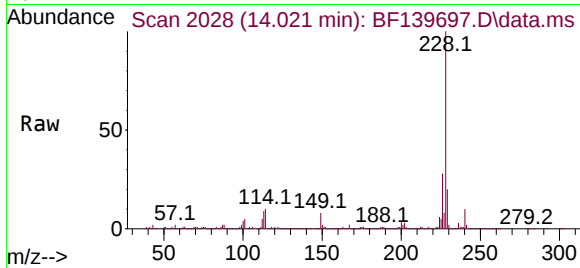




#81
Benzo(a)anthracene
Concen: 63.510 ng
RT: 14.021 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

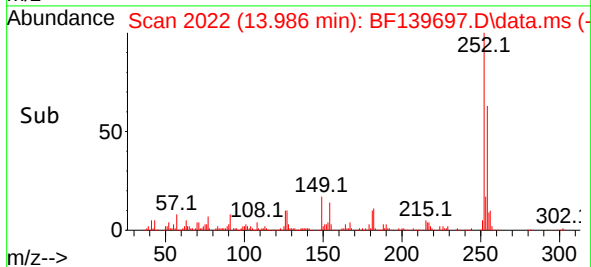
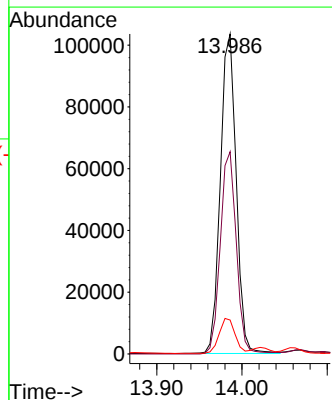
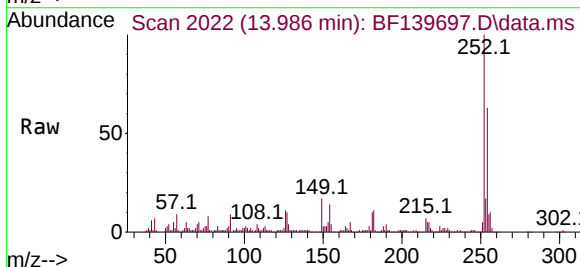
Instrument :
BNA_F
ClientSampleId :
IB-2MSD

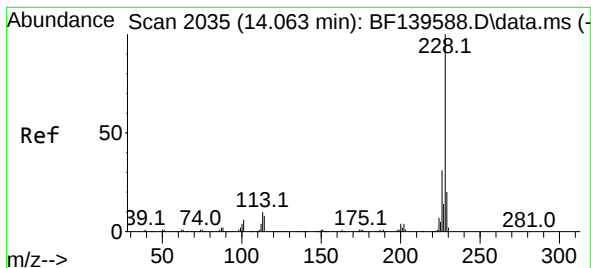
Tgt Ion:228 Resp: 653458
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.8
229 20.1 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 42.444 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:252 Resp: 133653
Ion Ratio Lower Upper
252 100
254 63.2 50.5 75.7
126 10.6 8.8 13.2





#83

Chrysene

Concen: 64.183 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

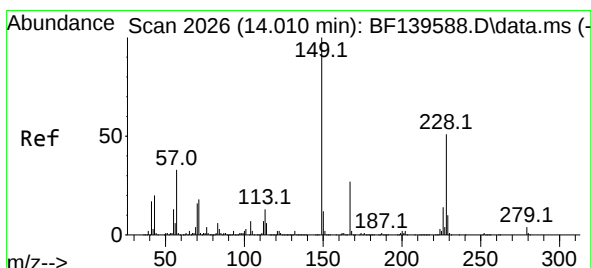
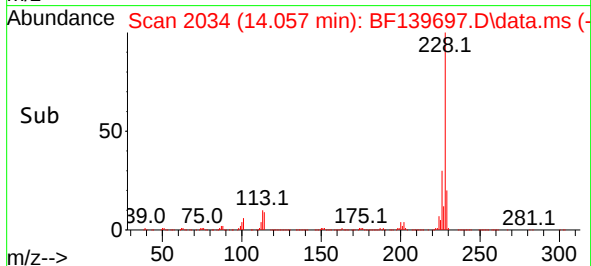
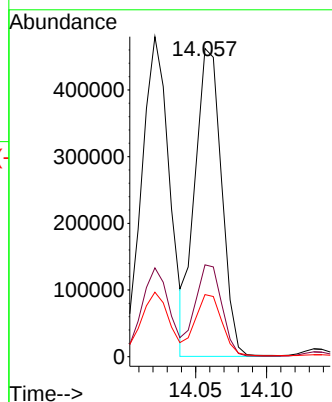
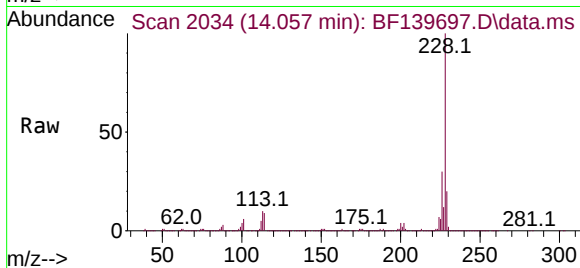
Tgt Ion:228 Resp: 603757

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 20.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.122 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

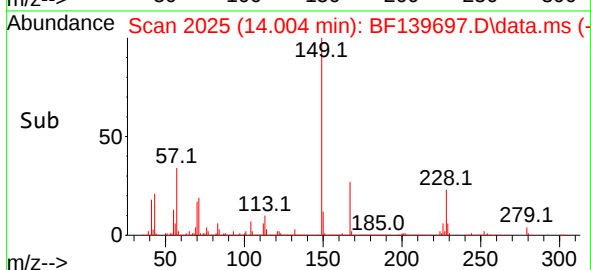
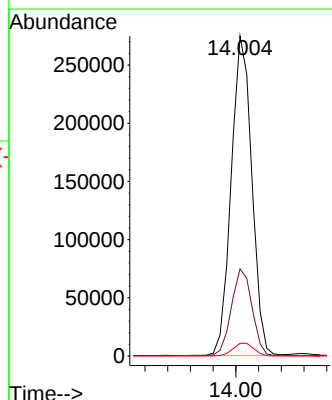
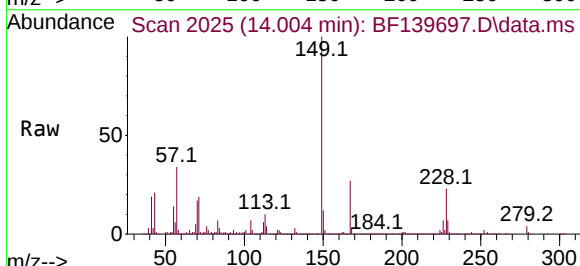
Tgt Ion:149 Resp: 344605

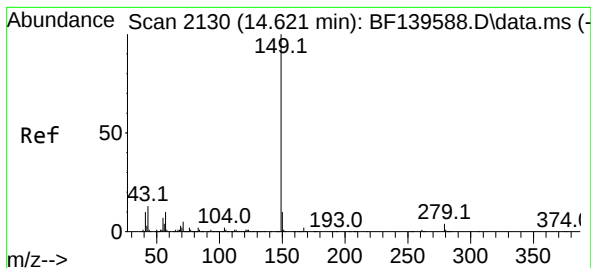
Ion Ratio Lower Upper

149 100

167 27.2 21.7 32.5

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 62.602 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

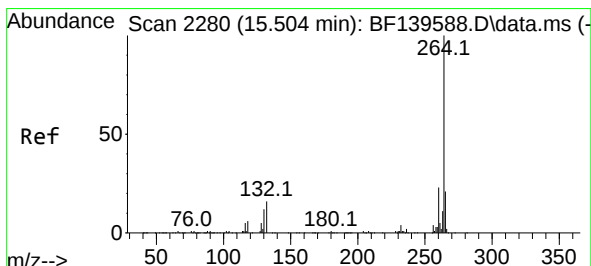
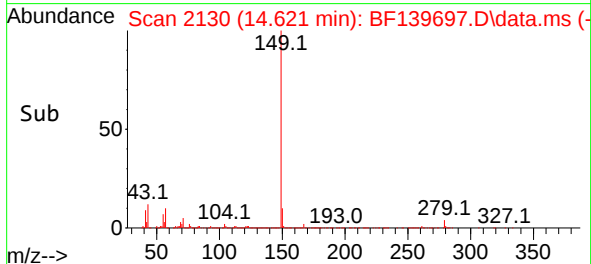
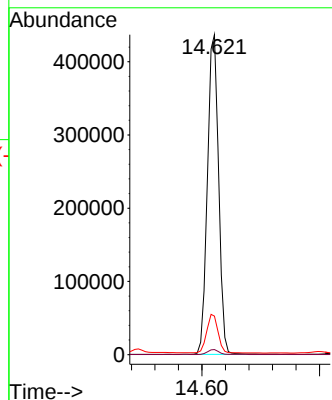
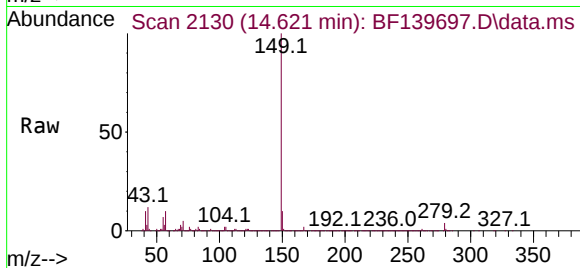
Tgt Ion:149 Resp: 574962

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.1 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

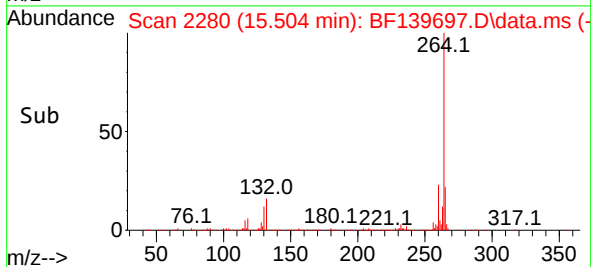
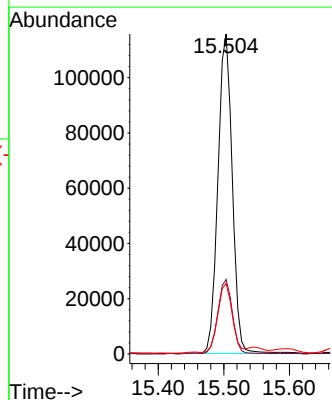
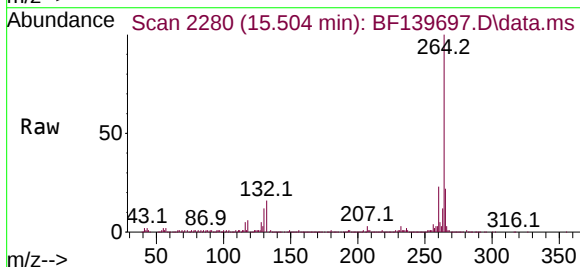
Tgt Ion:264 Resp: 174750

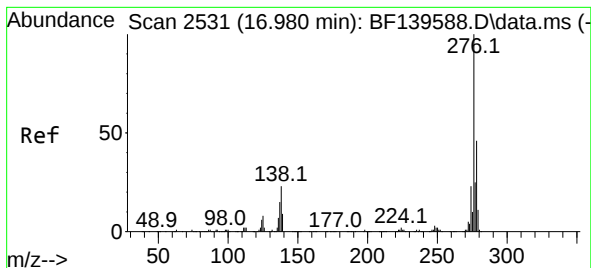
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.252 ng

RT: 16.980 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

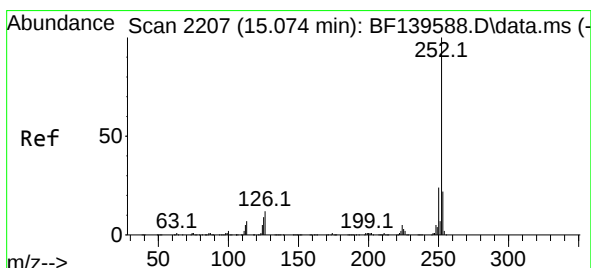
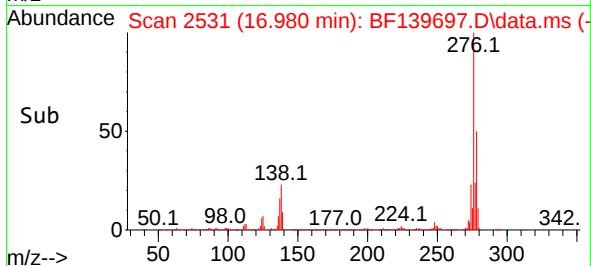
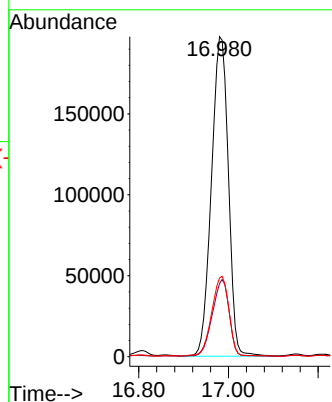
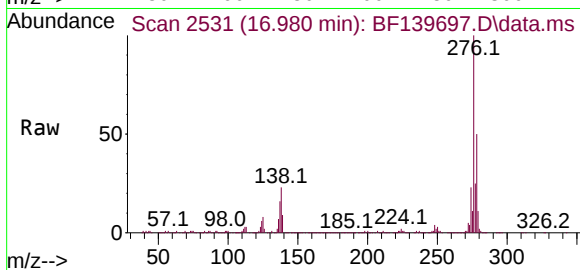
Tgt Ion:276 Resp: 516864

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 61.310 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

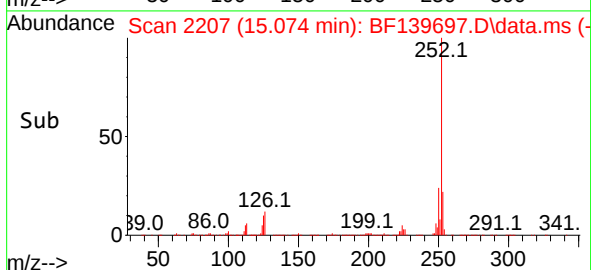
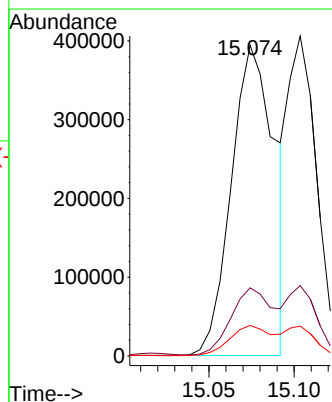
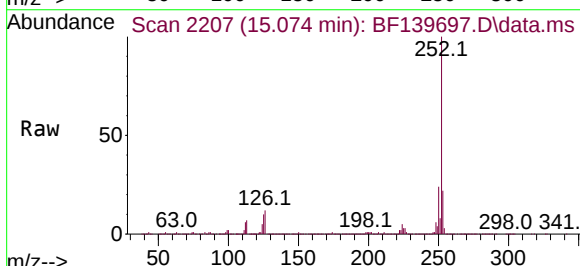
Tgt Ion:252 Resp: 692741

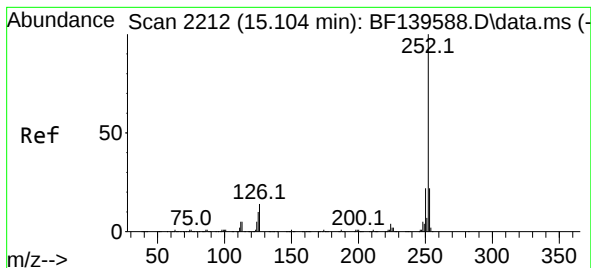
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 49.273 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

Instrument :

BNA_F

ClientSampleId :

IB-2MSD

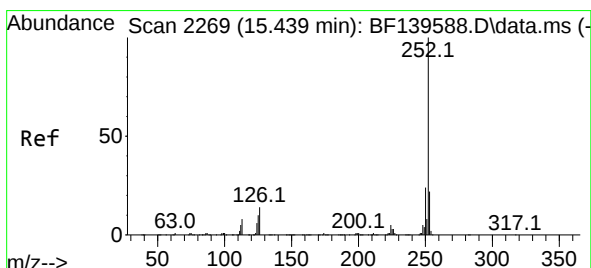
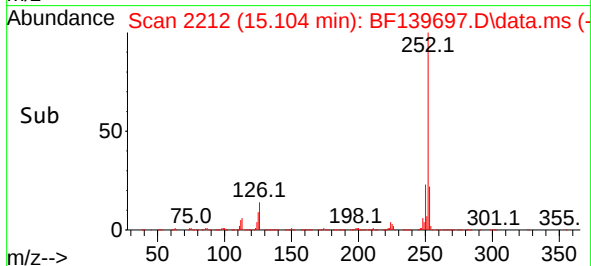
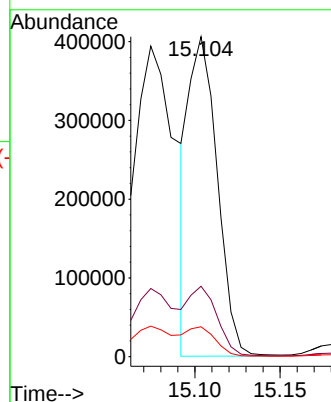
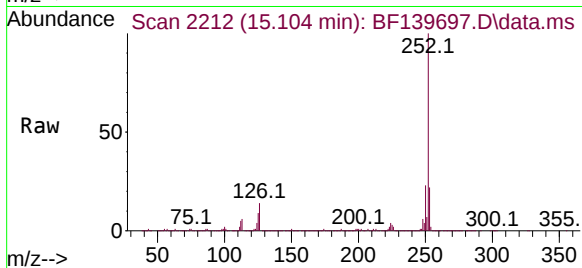
Tgt Ion:252 Resp: 472260

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.4 7.6 11.4



#90

Benzo(a)pyrene

Concen: 64.401 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF139697.D

Acq: 07 Oct 2024 20:21

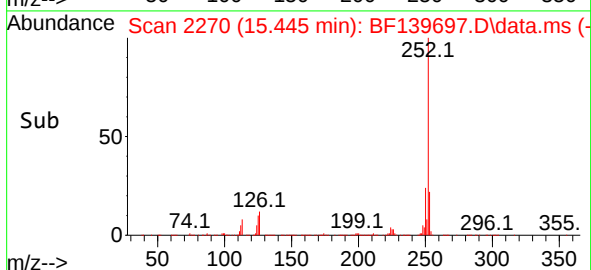
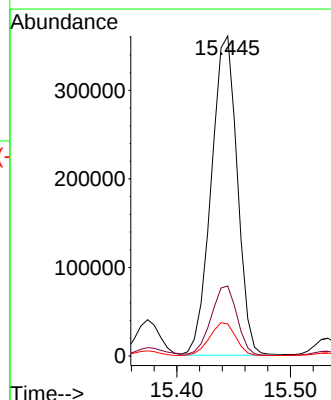
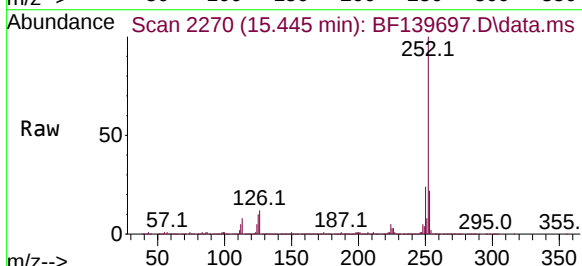
Tgt Ion:252 Resp: 573764

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.0 8.3 12.5

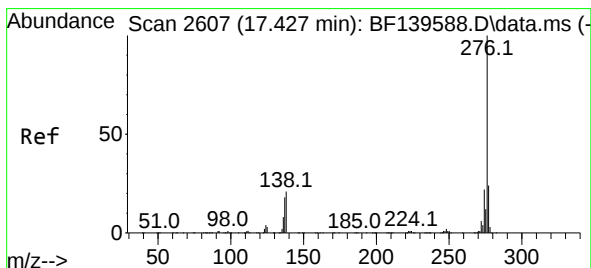
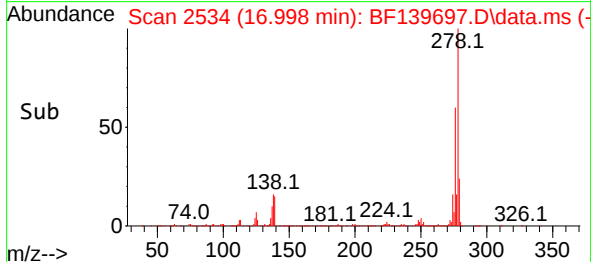
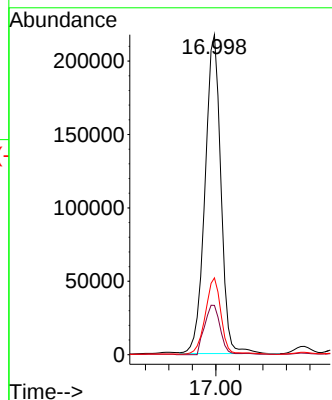
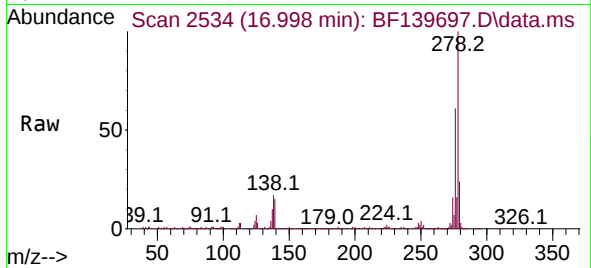




#91
Dibenzo(a,h)anthracene
Concen: 47.550 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Tgt Ion:278 Resp: 405637
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 24.0 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 44.730 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139697.D
Acq: 07 Oct 2024 20:21

Tgt Ion:276 Resp: 382689
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 20.8 17.0 25.6

