

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139729.D
 Acq On : 09 Oct 2024 18:27
 Operator : RC/JU
 Sample : P4321-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-6MSD

Quant Time: Oct 10 01:11:21 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	81712	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	300320	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	150423	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	227294	20.000	ng	0.00
76) Chrysene-d12	14.039	240	158691	20.000	ng	0.00
86) Perylene-d12	15.510	264	140761	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	432258	91.689	ng	0.00
7) Phenol-d6	6.504	99	576005	90.855	ng	0.00
23) Nitrobenzene-d5	7.434	82	379155	63.921	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	110369	76.007	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	601477	61.385	ng	0.00
79) Terphenyl-d14	12.974	244	415397	42.951	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.699	88	105169	51.598	ng	99
3) Pyridine	3.446	79	264859	53.430	ng	98
4) n-Nitrosodimethylamine	3.410	42	172767	53.245	ng	96
6) Aniline	6.534	93	208333	37.032	ng	# 89
8) 2-Chlorophenol	6.657	128	282081	55.847	ng	97
9) Benzaldehyde	6.416	77	92114	27.428	ng	95
10) Phenol	6.522	94	361619	54.245	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	277021	51.037	ng	99
12) 1,3-Dichlorobenzene	6.810	146	295347	51.979	ng	99
13) 1,4-Dichlorobenzene	6.887	146	297411	51.680	ng	100
14) 1,2-Dichlorobenzene	7.040	146	285787	52.987	ng	98
15) Benzyl Alcohol	7.010	79	262217	54.132	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	495683	52.752	ng	80
17) 2-Methylphenol	7.128	107	222279	52.715	ng	98
18) Hexachloroethane	7.381	117	103163	48.060	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	208729	51.210	ng	99
20) 3+4-Methylphenols	7.281	107	281076	53.070	ng	98
22) Acetophenone	7.275	105	382769	53.694	ng	96
24) Nitrobenzene	7.451	77	320779	52.226	ng	100
25) Isophorone	7.692	82	559547	53.112	ng	100
26) 2-Nitrophenol	7.769	139	146594	55.517	ng	99
27) 2,4-Dimethylphenol	7.804	122	215089	66.539	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	335410	53.316	ng	99
29) 2,4-Dichlorophenol	8.010	162	228400	54.171	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	240178	50.370	ng	100
31) Naphthalene	8.175	128	810815	52.805	ng	100
32) Benzoic acid	7.934	122	137488	42.774	ng	99
33) 4-Chloroaniline	8.222	127	71701	13.795	ng	99
34) Hexachlorobutadiene	8.287	225	154170	49.963	ng	99
35) Caprolactam	8.598	113	67101	48.521	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	243131	50.940	ng	98
37) 2-Methylnaphthalene	8.863	142	514151	51.412	ng	100
38) 1-Methylnaphthalene	8.963	142	478518	48.952	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	239353	57.302	ng	99
41) Hexachlorocyclopentadiene	9.010	237	22606	17.650	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	158418	56.259	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139729.D
 Acq On : 09 Oct 2024 18:27
 Operator : RC/JU
 Sample : P4321-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

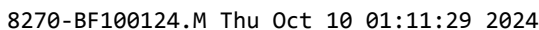
Instrument :
 BNA_F
 ClientSampleId :
 IB-6MSD

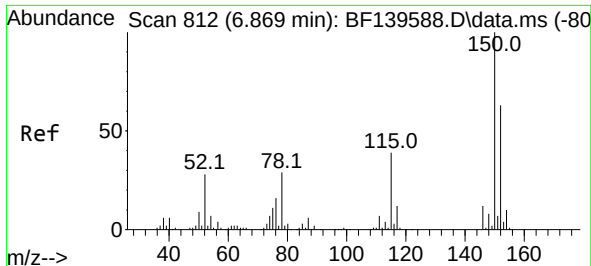
Quant Time: Oct 10 01:11:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	160624	52.895	ng	99
46) 1,1'-Biphenyl	9.328	154	623639	55.742	ng	100
47) 2-Chloronaphthalene	9.351	162	454808	54.226	ng	99
48) 2-Nitroaniline	9.451	65	170084	56.491	ng	98
49) Acenaphthylene	9.769	152	726399	56.949	ng	100
50) Dimethylphthalate	9.628	163	564913	57.370	ng	100
51) 2,6-Dinitrotoluene	9.692	165	115093	51.742	ng	97
52) Acenaphthene	9.939	154	458456	52.356	ng	100
53) 3-Nitroaniline	9.863	138	86787	38.180	ng	96
54) 2,4-Dinitrophenol	9.969	184	29990	25.067	ng	98
55) Dibenzofuran	10.110	168	649470	52.973	ng	99
56) 4-Nitrophenol	10.033	139	162628	93.818	ng	96
57) 2,4-Dinitrotoluene	10.098	165	148211	50.975	ng	100
58) Fluorene	10.457	166	494497	50.639	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	125714	51.256	ng	97
60) Diethylphthalate	10.328	149	548048	53.885	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	248852	50.938	ng	98
62) 4-Nitroaniline	10.475	138	101232	43.539	ng	98
63) Azobenzene	10.604	77	604775	59.128	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	26025	20.273	ng	97
66) n-Nitrosodiphenylamine	10.563	169	432032	64.484	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	137712	59.092	ng	97
68) Hexachlorobenzene	11.004	284	140611	54.374	ng	99
69) Atrazine	11.092	200	126016	70.103	ng	97
70) Pentachlorophenol	11.198	266	144319	93.725	ng	98
71) Phenanthrene	11.416	178	693138	64.676	ng	100
72) Anthracene	11.469	178	635623	59.951	ng	99
73) Carbazole	11.627	167	554039	54.408	ng	100
74) Di-n-butylphthalate	11.951	149	743146	60.013	ng	99
75) Fluoranthene	12.610	202	777564	66.371	ng	100
77) Benzidine	12.727	184	187271	66.904	ng	100
78) Pyrene	12.839	202	801201	56.450	ng	100
80) Butylbenzylphthalate	13.451	149	263339	51.871	ng	99
81) Benzo(a)anthracene	14.027	228	677498	64.936	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	159395	49.919	ng	98
83) Chrysene	14.063	228	606374	63.570	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	380182	59.972	ng	100
85) Di-n-octyl phthalate	14.621	149	640006	68.720	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	378604	45.698	ng	99
88) Benzo(b)fluoranthene	15.080	252	634537	69.719	ng	99
89) Benzo(k)fluoranthene	15.110	252	465210	60.257	ng	99
90) Benzo(a)pyrene	15.451	252	487645	67.951	ng	100
91) Dibenzo(a,h)anthracene	17.009	278	297439	43.285	ng	100
92) Benzo(g,h,i)perylene	17.439	276	279027	40.488	ng	100

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

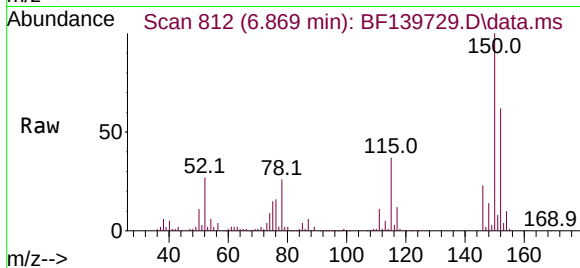
Quant Time: Oct 10 01:11:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



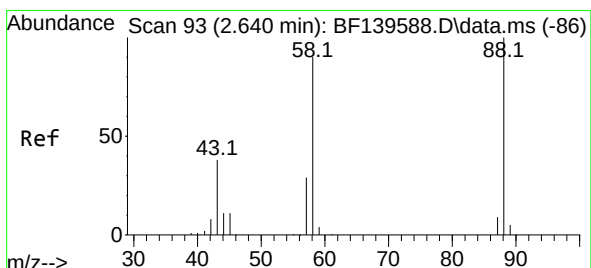
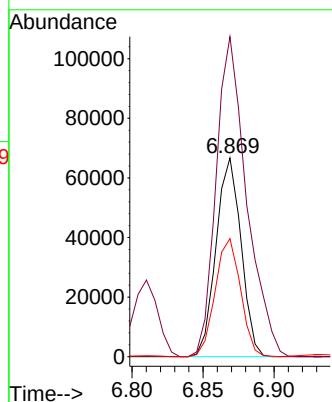
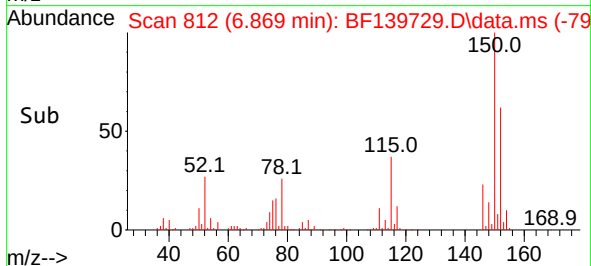


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF139729.D
 Acq: 09 Oct 2024 18:27

Instrument :
 BNA_F
 ClientSampleId :
 IB-6MSD

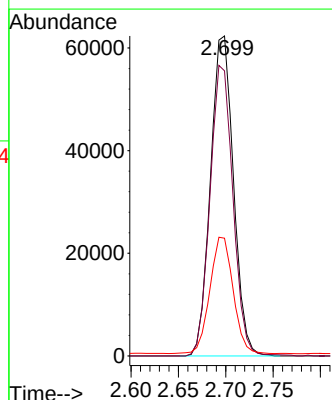
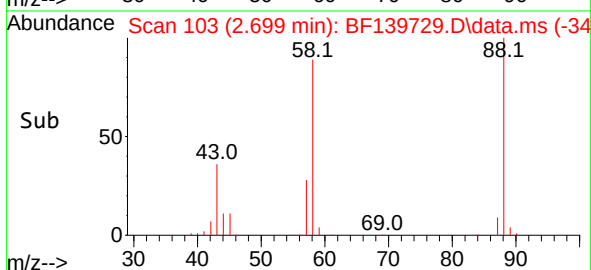
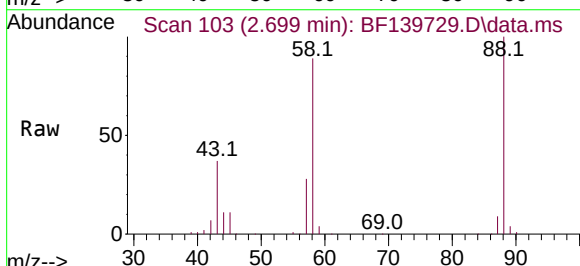


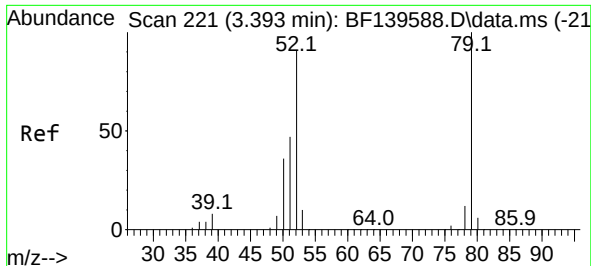
Tgt Ion:152 Resp: 81712
 Ion Ratio Lower Upper
 152 100
 150 161.1 127.2 190.8
 115 59.4 49.0 73.4



#2
 1,4-Dioxane
 Concen: 51.598 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.059 min
 Lab File: BF139729.D
 Acq: 09 Oct 2024 18:27

Tgt Ion: 88 Resp: 105169
 Ion Ratio Lower Upper
 88 100
 58 90.7 72.0 108.0
 43 37.0 30.8 46.2

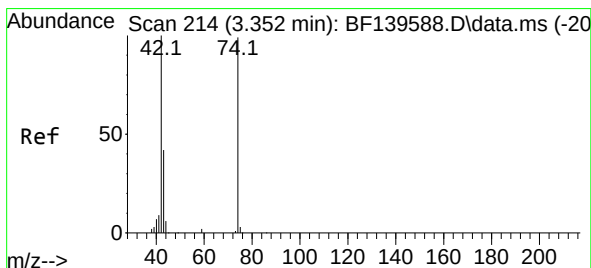
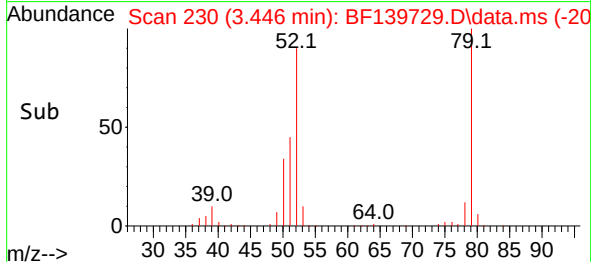
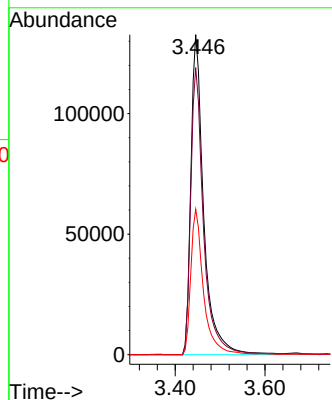
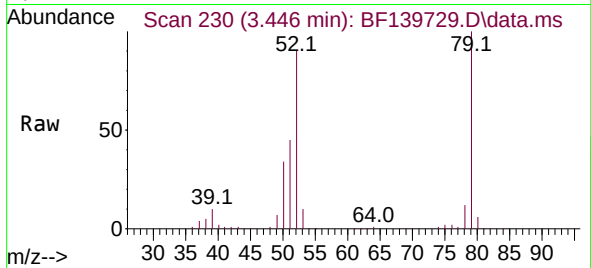




#3
Pyridine
Concen: 53.430 ng
RT: 3.446 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

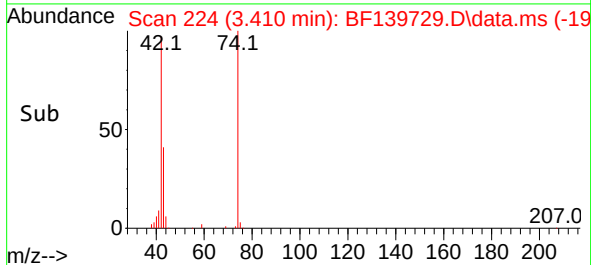
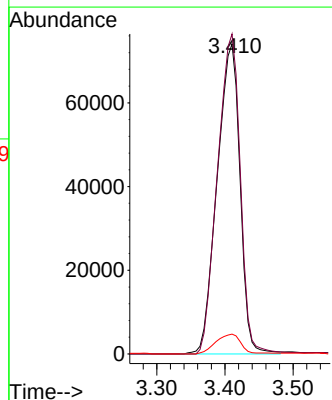
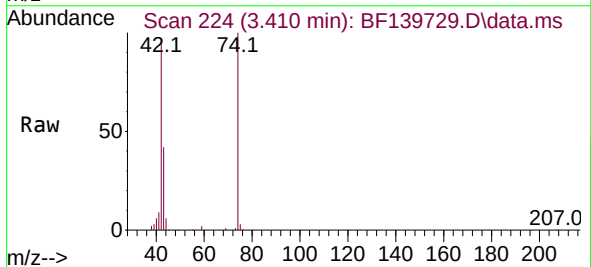
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

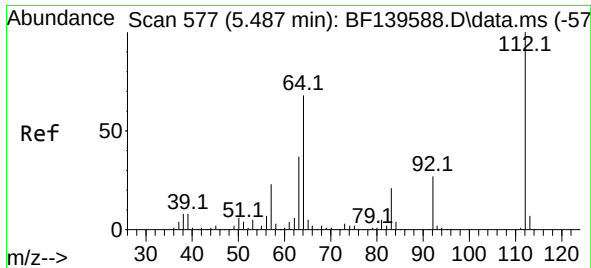
Tgt Ion: 79 Resp: 264859
Ion Ratio Lower Upper
79 100
52 89.7 72.6 109.0
51 45.4 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 53.245 ng
RT: 3.410 min Scan# 224
Delta R.T. 0.059 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion: 42 Resp: 172767
Ion Ratio Lower Upper
42 100
74 103.2 79.0 118.6
44 6.4 5.2 7.8

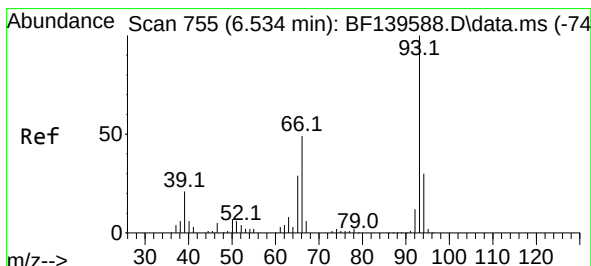
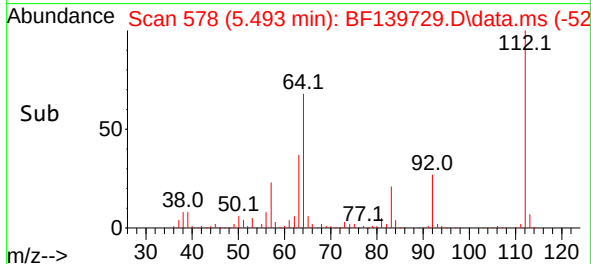
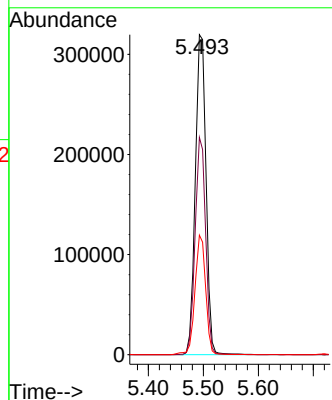
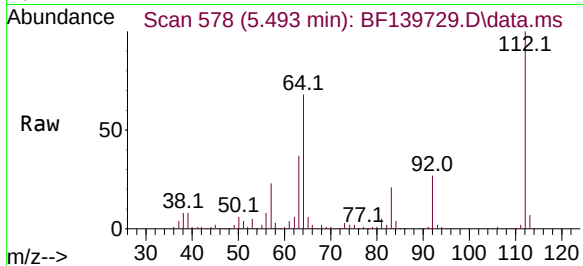




#5
2-Fluorophenol
Concen: 91.689 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

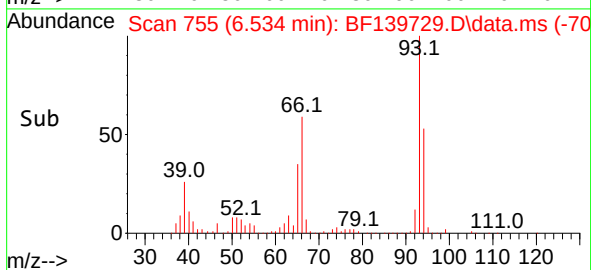
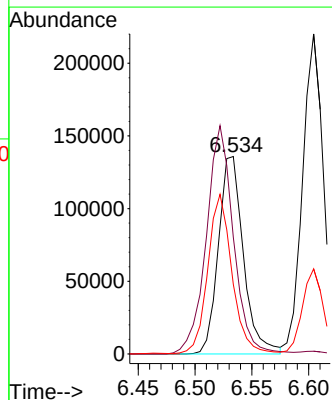
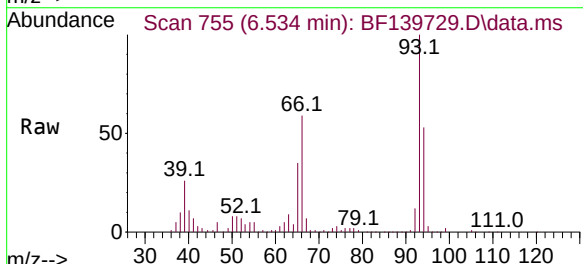
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

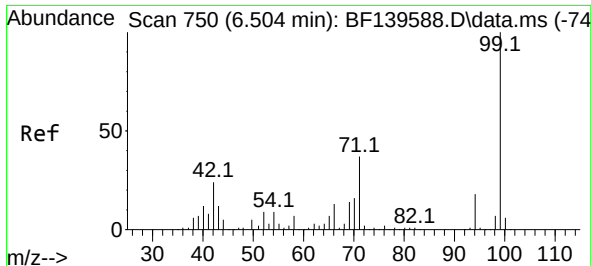
Tgt Ion:112 Resp: 432258
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 37.4 29.4 44.2



#6
Aniline
Concen: 37.032 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion: 93 Resp: 208333
Ion Ratio Lower Upper
93 100
66 59.1 40.9 61.3
65 35.2 23.3 34.9#

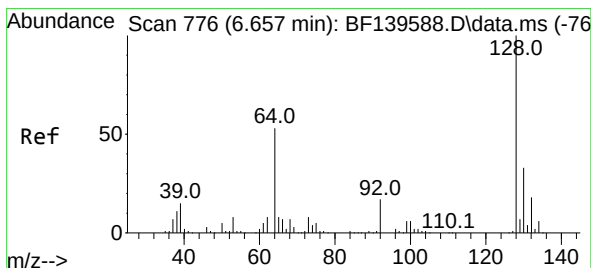
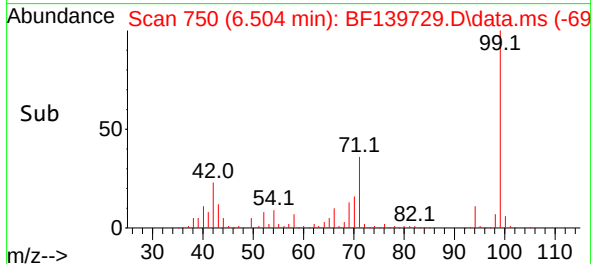
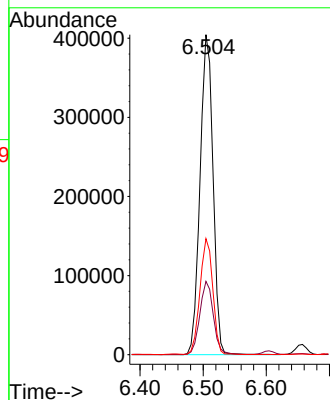
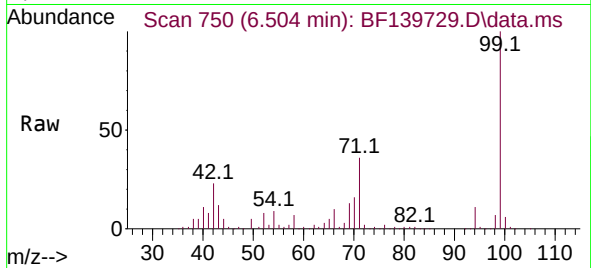




#7
Phenol-d6
Concen: 90.855 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

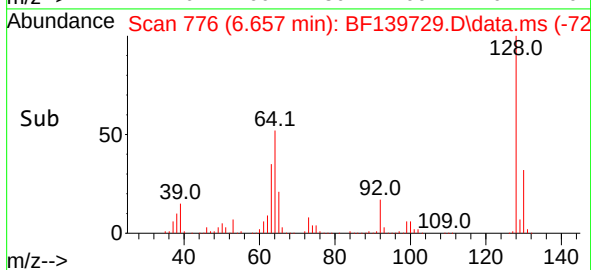
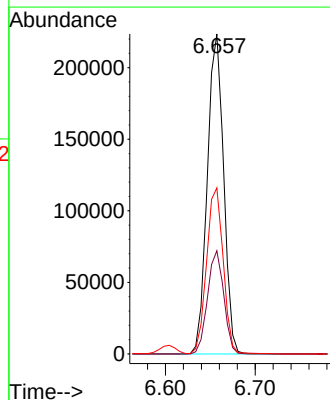
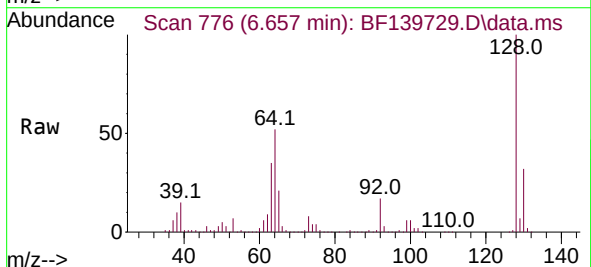
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

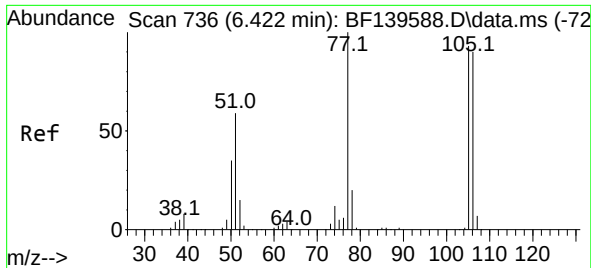
Tgt Ion: 99 Resp: 576005
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 36.3 29.7 44.5



#8
2-Chlorophenol
Concen: 55.847 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:128 Resp: 282081
Ion Ratio Lower Upper
128 100
130 32.3 13.2 53.2
64 51.9 35.1 75.1





#9

Benzaldehyde

Concen: 27.428 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

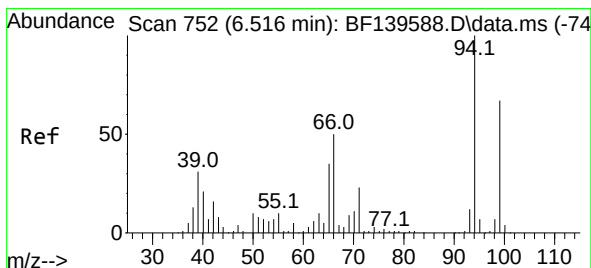
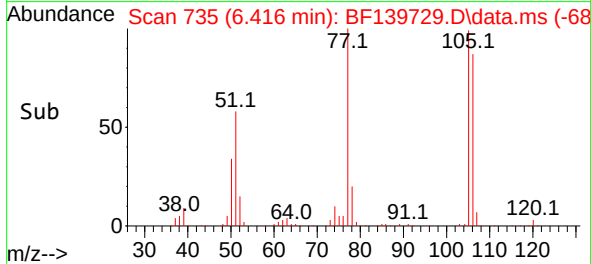
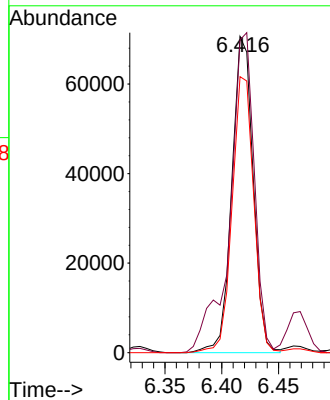
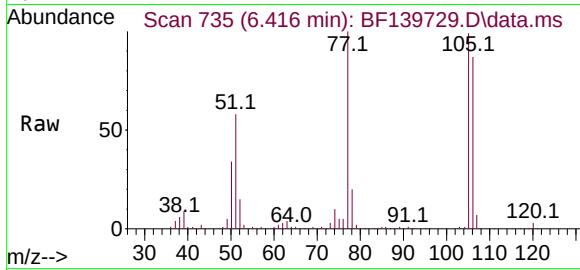
Tgt Ion: 77 Resp: 92114

Ion Ratio Lower Upper

77 100

105 99.0 72.7 112.7

106 87.3 70.1 110.1



#10

Phenol

Concen: 54.245 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

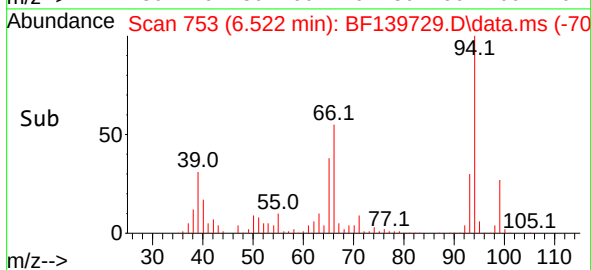
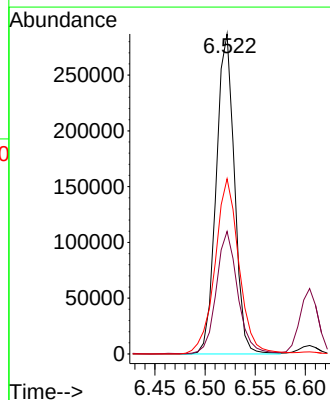
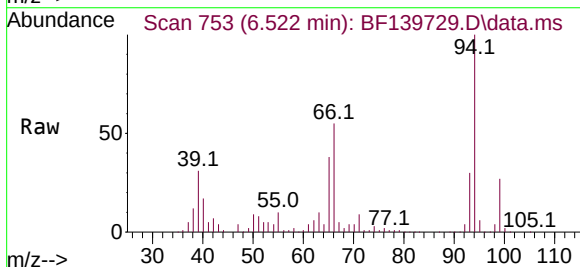
Tgt Ion: 94 Resp: 361619

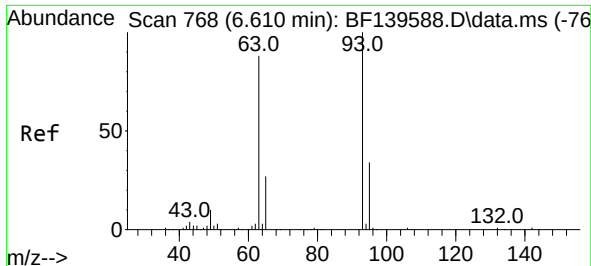
Ion Ratio Lower Upper

94 100

65 38.3 15.3 55.3

66 54.8 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 51.037 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

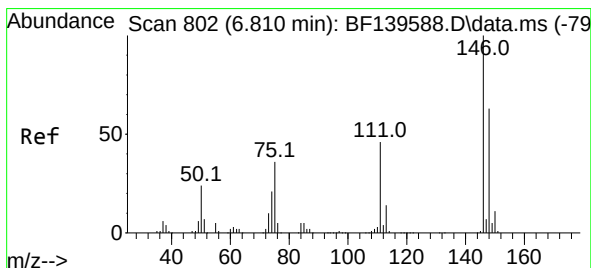
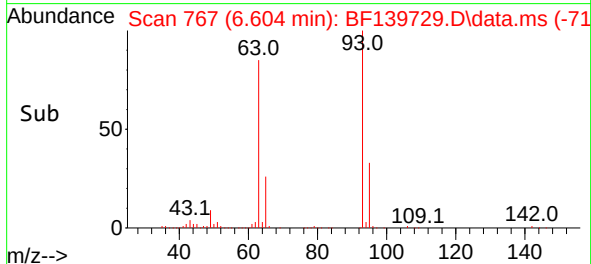
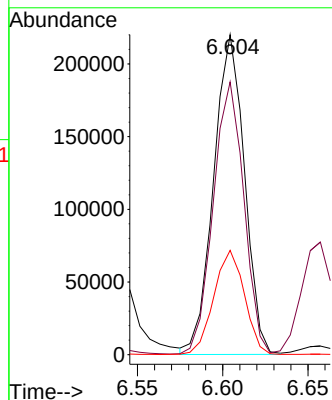
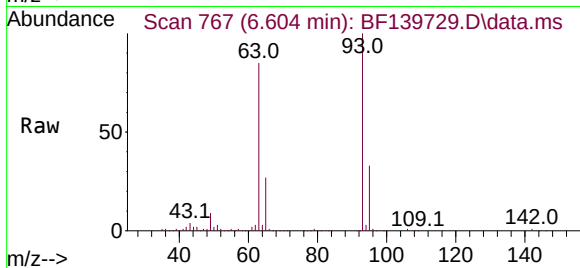
Tgt Ion: 93 Resp: 277021

Ion Ratio Lower Upper

93 100

63 85.3 64.1 104.1

95 32.6 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 51.979 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

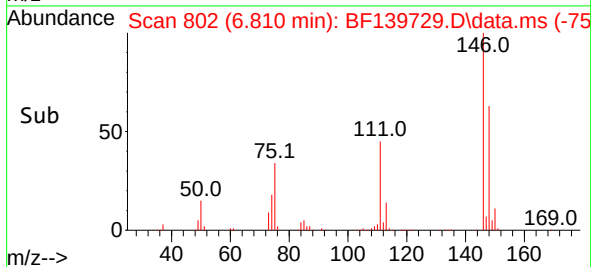
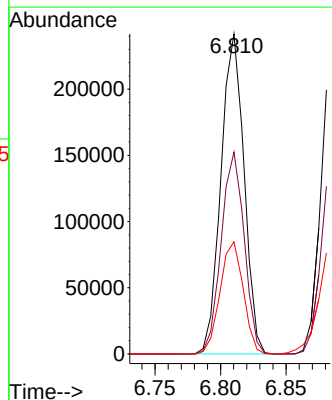
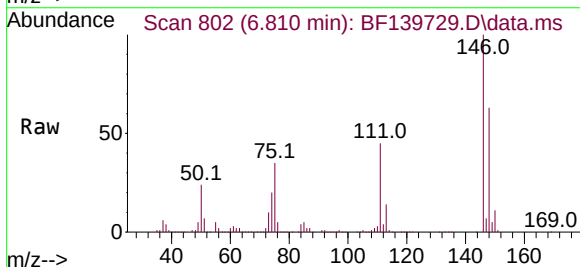
Tgt Ion:146 Resp: 295347

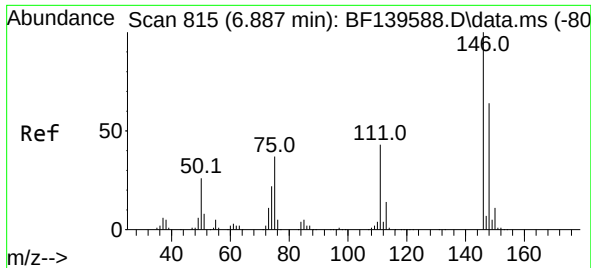
Ion Ratio Lower Upper

146 100

148 63.1 50.2 75.4

75 35.1 28.5 42.7





#13

1,4-Dichlorobenzene

Concen: 51.680 ng

RT: 6.887 min Scan# 815

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

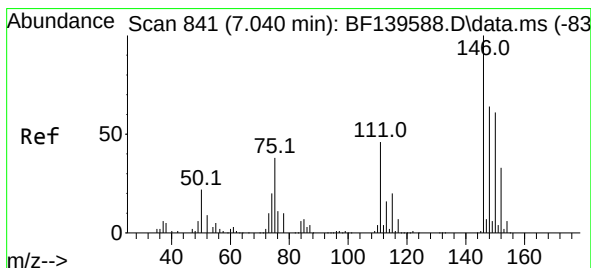
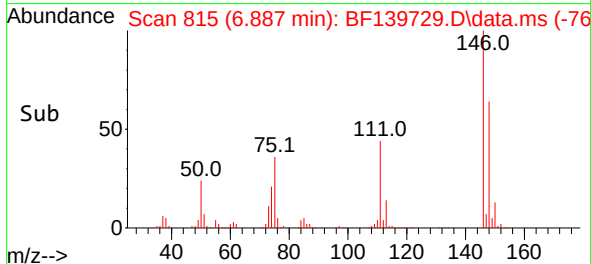
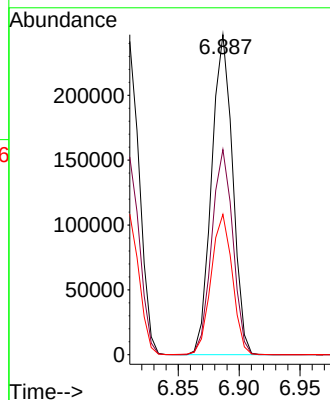
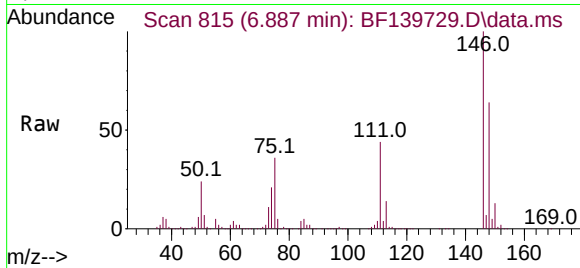
Tgt Ion:146 Resp: 297411

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 43.9 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 52.987 ng

RT: 7.040 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

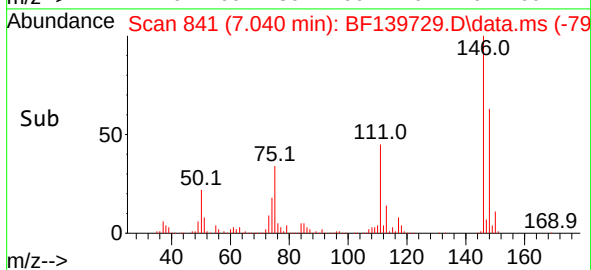
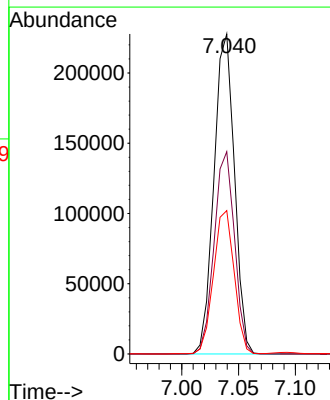
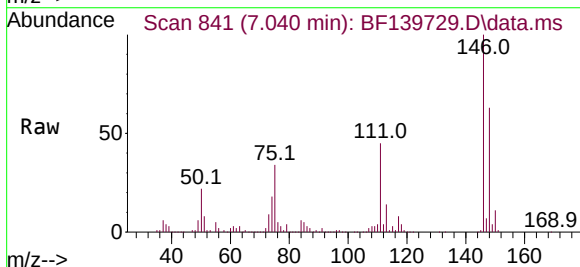
Tgt Ion:146 Resp: 285787

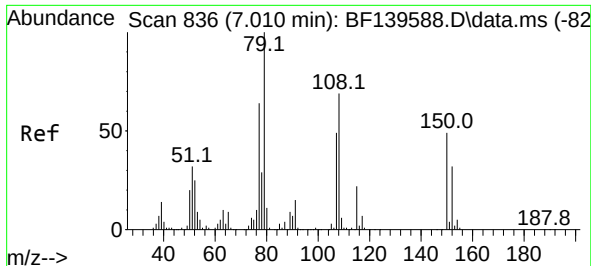
Ion Ratio Lower Upper

146 100

148 63.2 51.2 76.8

111 44.8 37.0 55.6

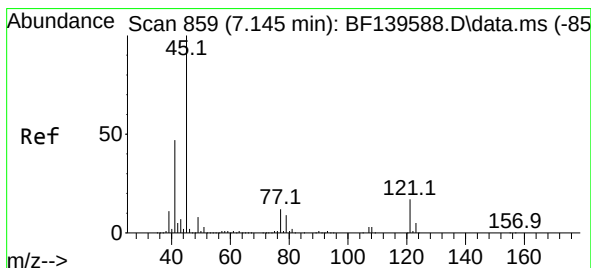
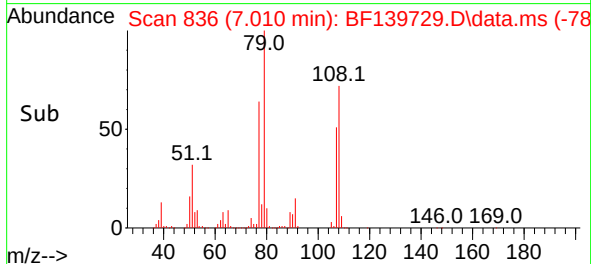
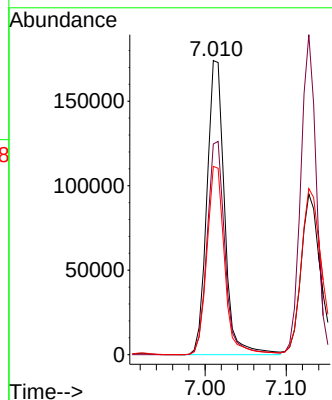
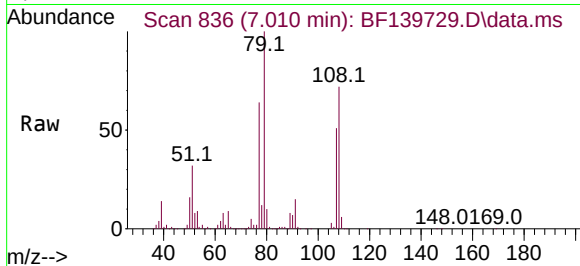




#15
Benzyl Alcohol
Concen: 54.132 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

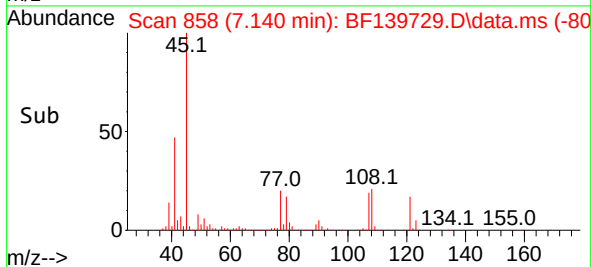
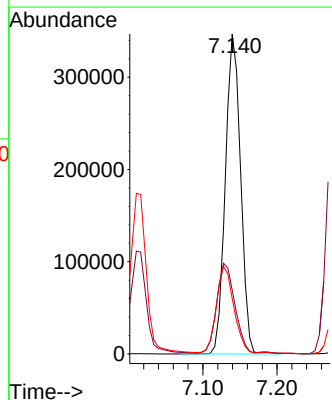
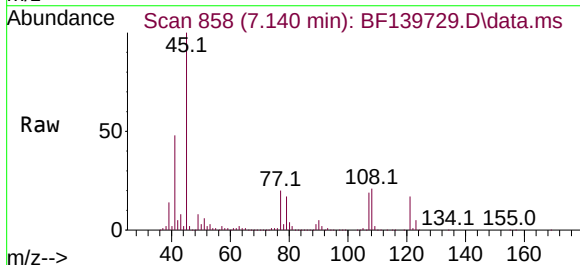
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

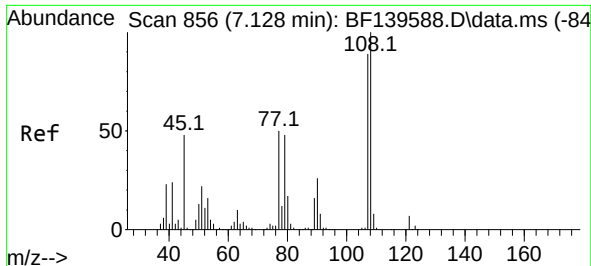
Tgt Ion: 79 Resp: 262217
Ion Ratio Lower Upper
79 100
108 71.7 55.1 82.7
77 64.0 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.752 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion: 45 Resp: 495683
Ion Ratio Lower Upper
45 100
77 20.0 0.0 32.5
79 17.3 0.0 29.7

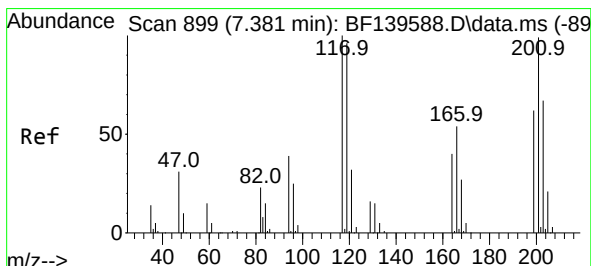
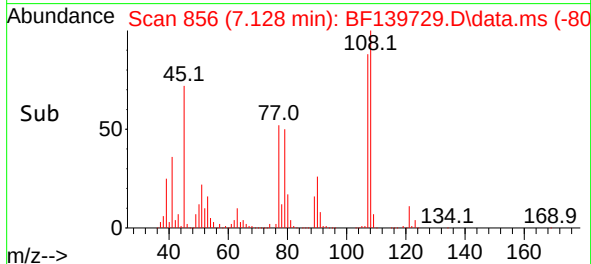
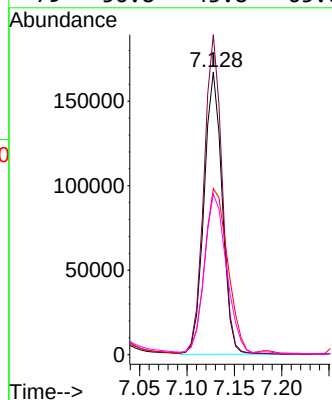
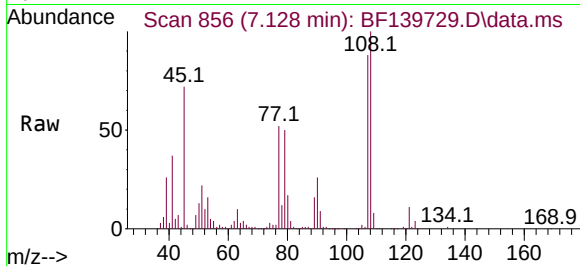




#17
2-Methylphenol
Concen: 52.715 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

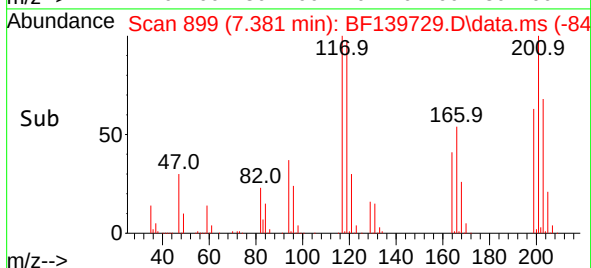
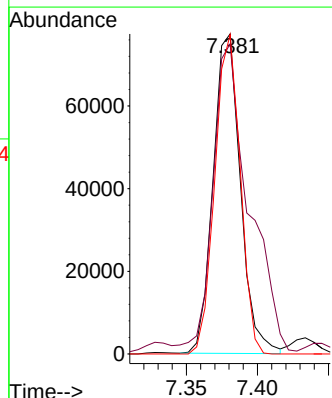
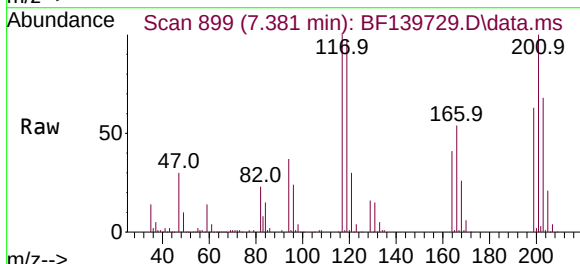
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

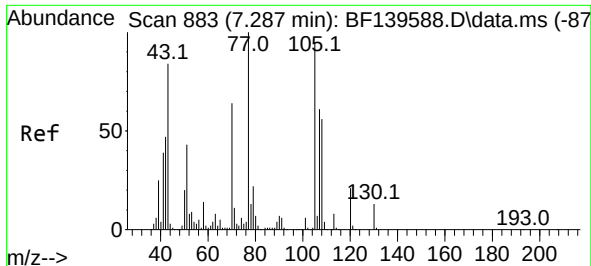
Tgt Ion:	107	Resp:	222279
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.8	134.6
77	58.7	44.6	67.0
79	56.8	43.8	65.6



#18
Hexachloroethane
Concen: 48.060 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:	117	Resp:	103163
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.0	115.6
201	99.8	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 51.210 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF139729.D

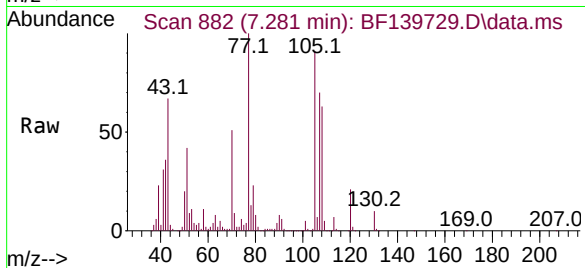
Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

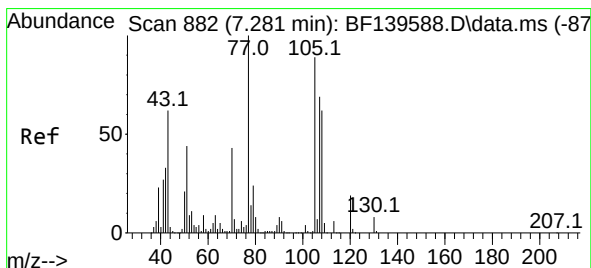
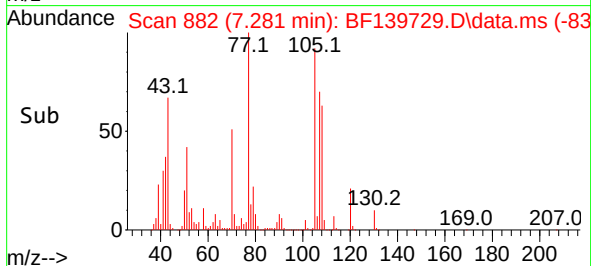
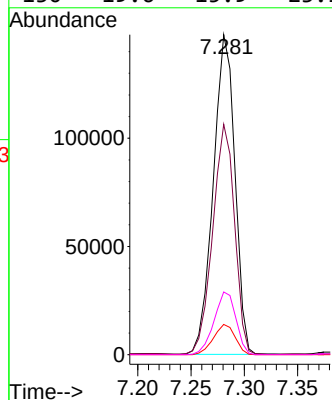
ClientSampleId :

IB-6MSD



Tgt Ion: 70 Resp: 208729

Ion	Ratio	Lower	Upper
70	100		
42	72.0	58.0	87.0
101	9.4	7.8	11.8
130	19.6	15.9	23.9



#20

3+4-Methylphenols

Concen: 53.070 ng

RT: 7.281 min Scan# 882

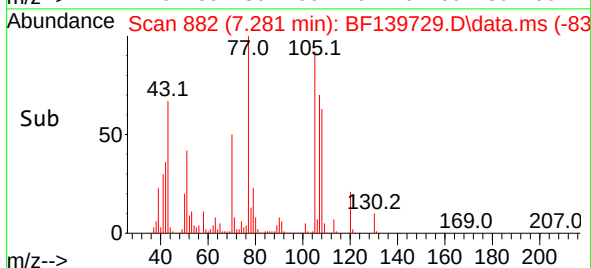
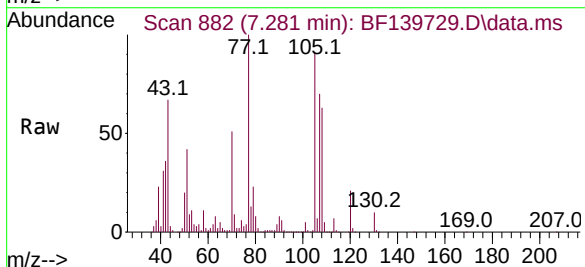
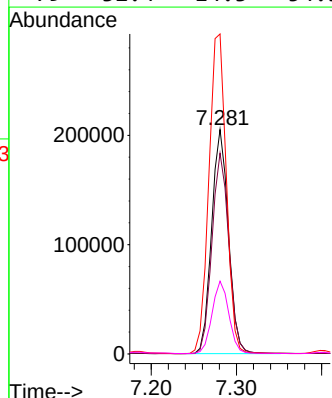
Delta R.T. -0.000 min

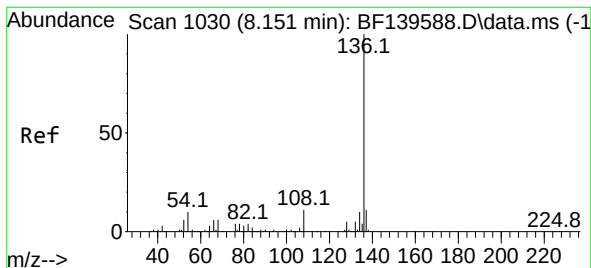
Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Tgt Ion: 107 Resp: 281076

Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.2	110.2
77	142.5	125.3	165.3
79	32.4	14.3	54.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

Tgt Ion:136 Resp: 300320

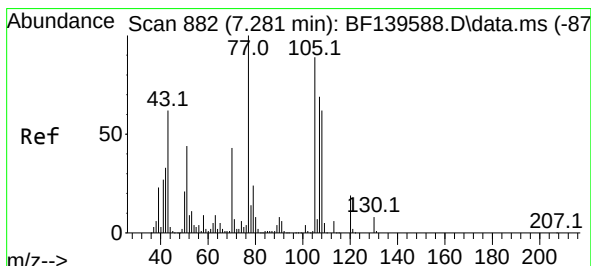
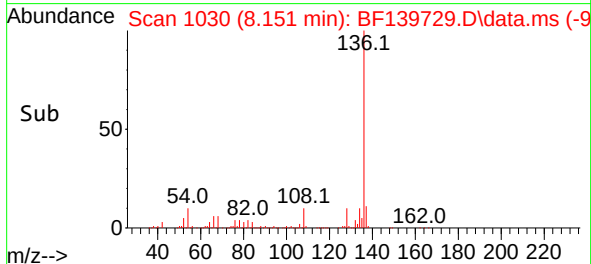
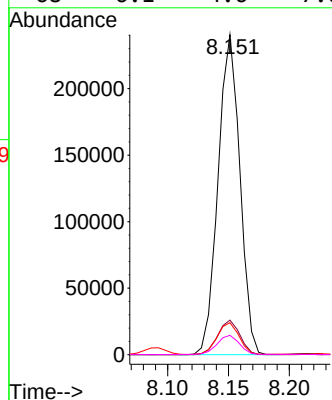
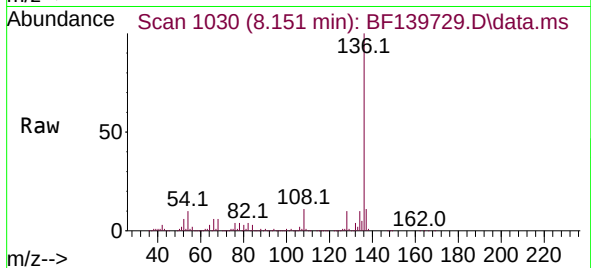
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.0 8.3 12.5

68 6.1 4.6 7.0



#22

Acetophenone

Concen: 53.694 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Tgt Ion:105 Resp: 382769

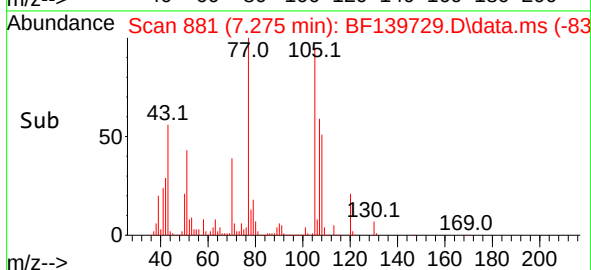
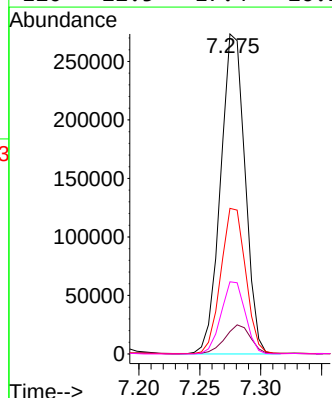
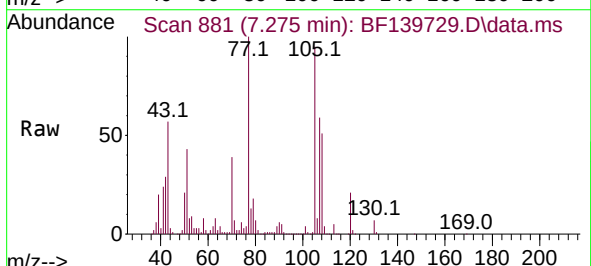
Ion Ratio Lower Upper

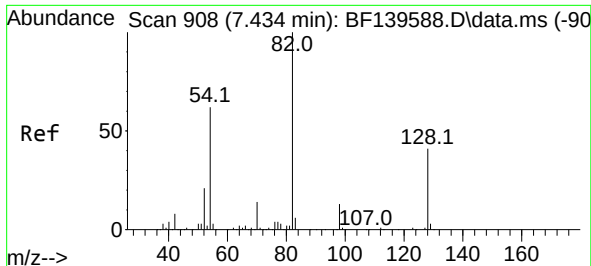
105 100

71 7.0 6.6 10.0

51 45.5 39.4 59.0

120 22.5 17.4 26.2

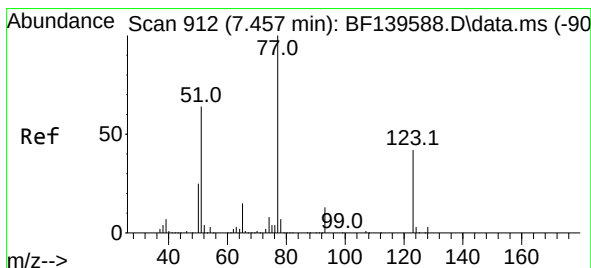
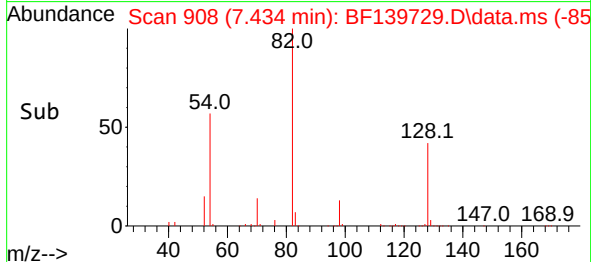
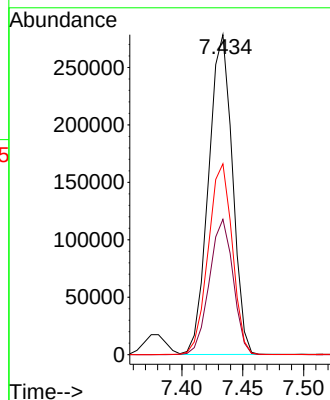
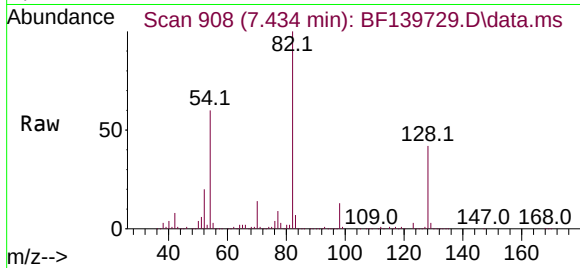




#23
Nitrobenzene-d5
Concen: 63.921 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

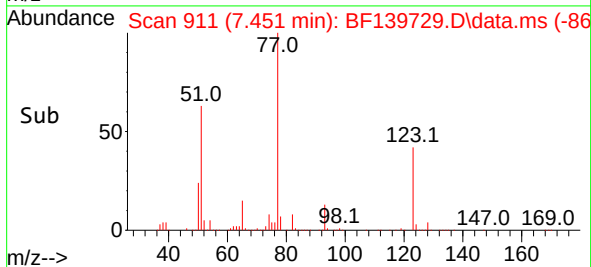
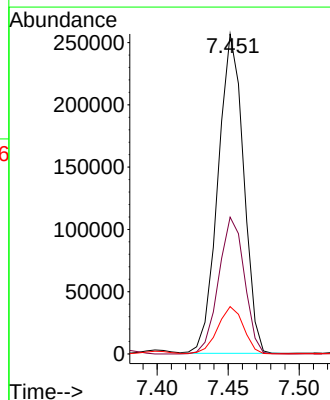
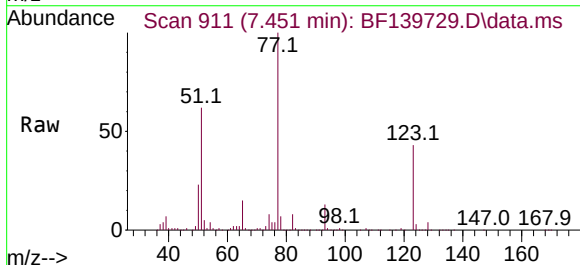
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

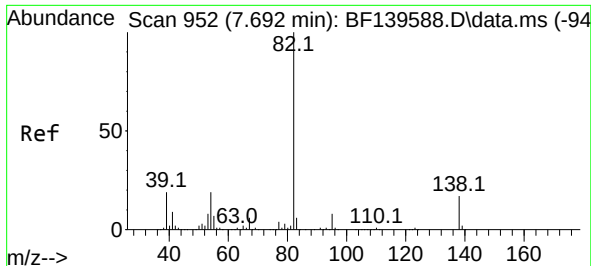
Tgt Ion: 82 Resp: 379155
Ion Ratio Lower Upper
82 100
128 42.3 32.4 48.6
54 59.6 49.1 73.7



#24
Nitrobenzene
Concen: 52.226 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion: 77 Resp: 320779
Ion Ratio Lower Upper
77 100
123 42.7 34.2 51.4
65 14.8 12.1 18.1

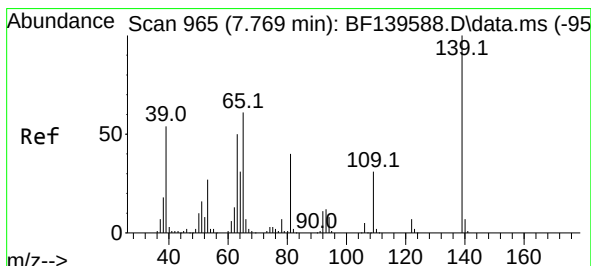
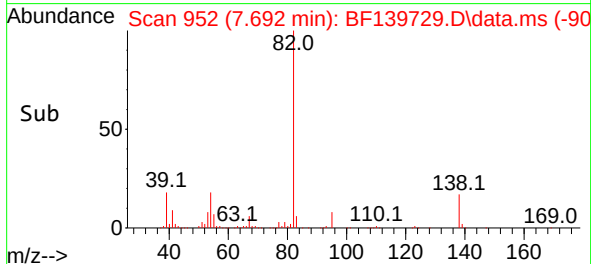
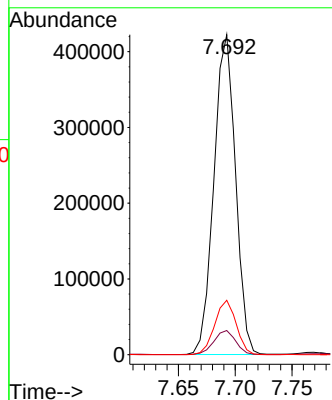
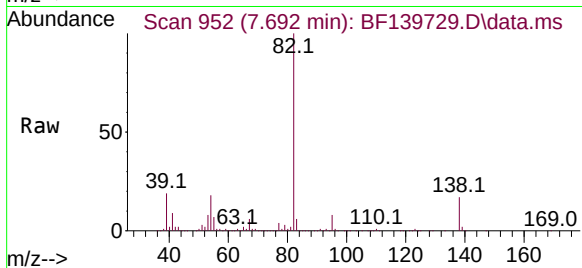




#25
Isophorone
Concen: 53.112 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

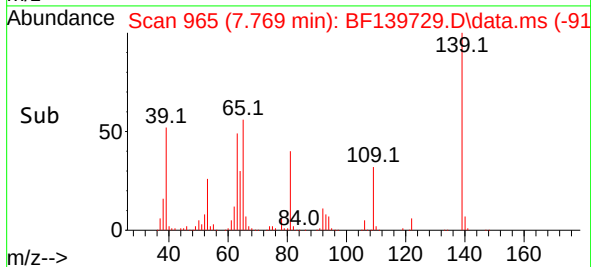
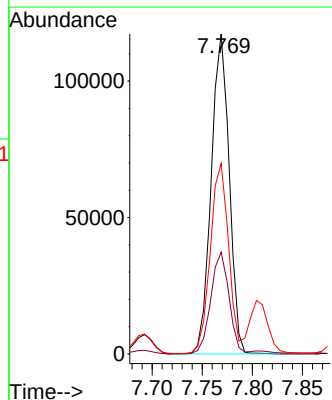
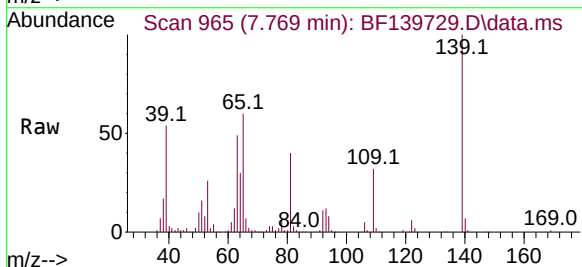
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

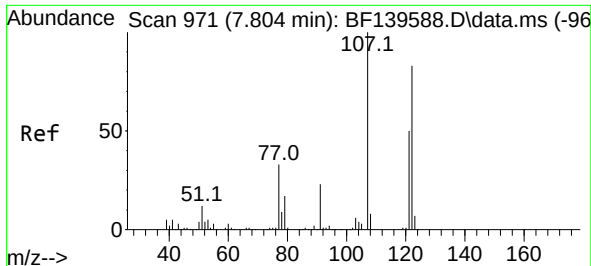
Tgt Ion: 82 Resp: 559547
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 17.0 13.4 20.2



#26
2-Nitrophenol
Concen: 55.517 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:139 Resp: 146594
Ion Ratio Lower Upper
139 100
109 31.8 24.9 37.3
65 59.5 48.6 72.8

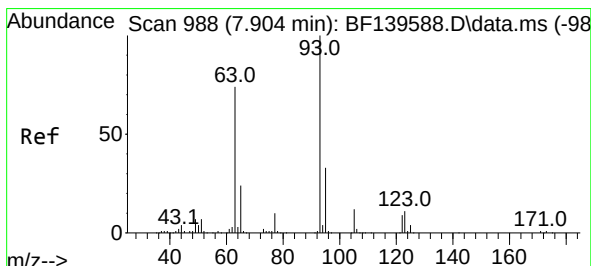
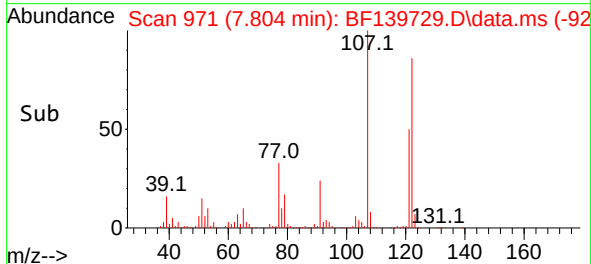
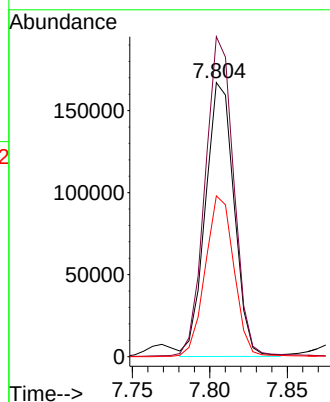
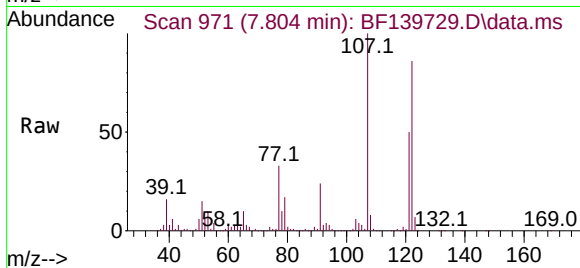




#27
2,4-Dimethylphenol
Concen: 66.539 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

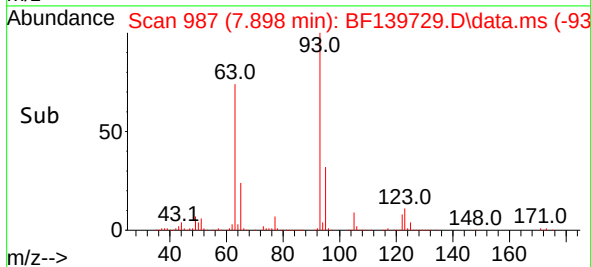
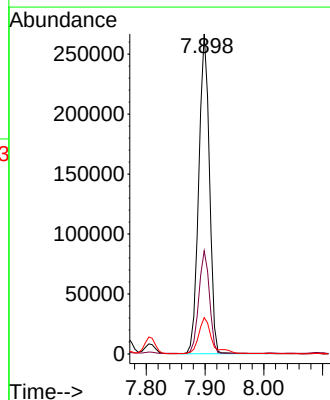
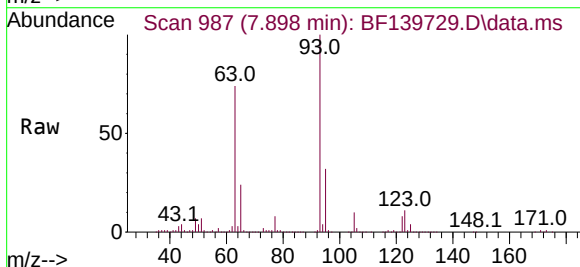
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

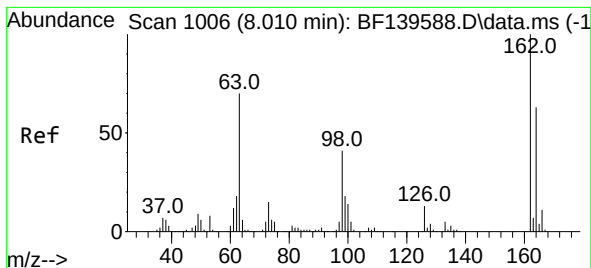
Tgt Ion:122 Resp: 215089
Ion Ratio Lower Upper
122 100
107 116.7 95.4 143.0
121 58.7 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 53.316 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion: 93 Resp: 335410
Ion Ratio Lower Upper
93 100
95 32.3 26.5 39.7
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 54.171 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

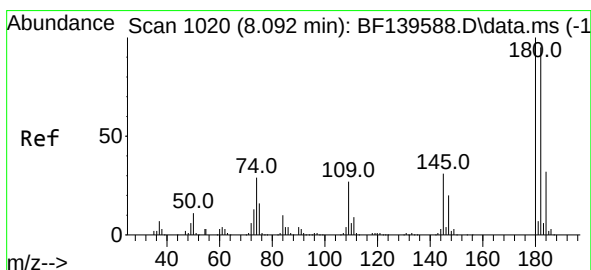
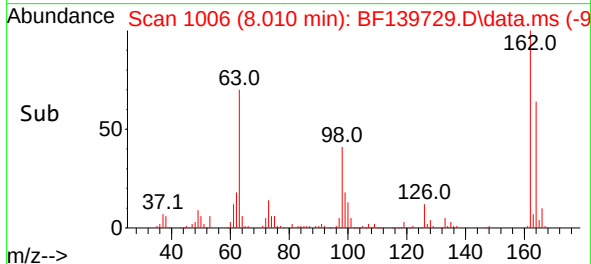
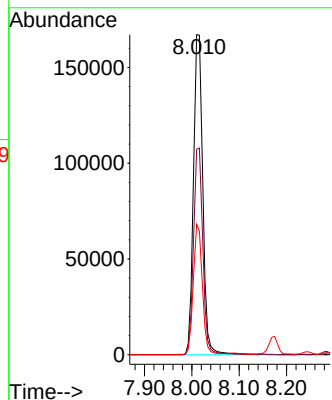
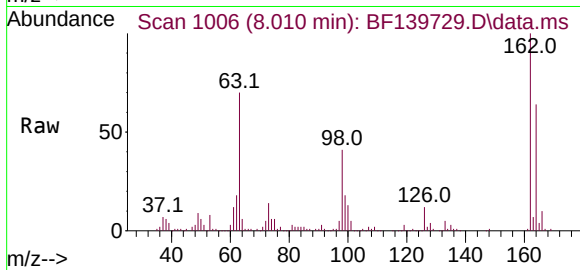
Tgt Ion:162 Resp: 228400

Ion Ratio Lower Upper

162 100

164 64.2 43.1 83.1

98 40.8 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 50.370 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

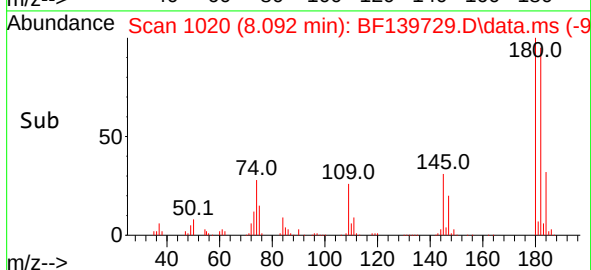
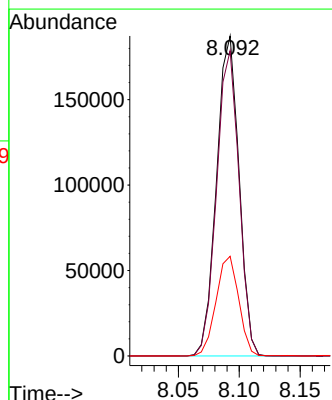
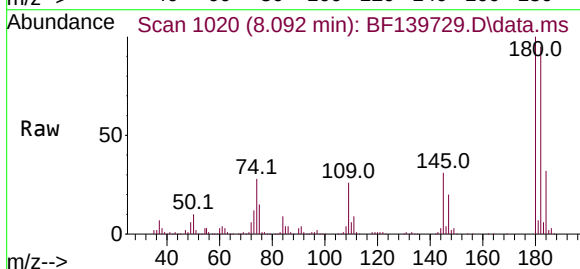
Tgt Ion:180 Resp: 240178

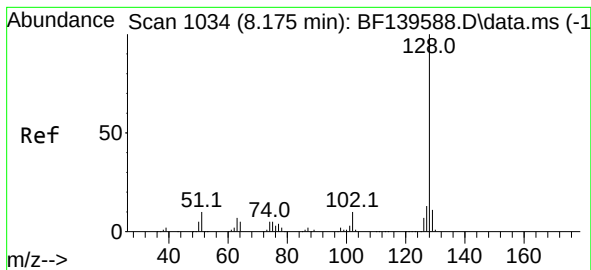
Ion Ratio Lower Upper

180 100

182 95.4 76.0 114.0

145 31.1 25.0 37.6





#31

Naphthalene

Concen: 52.805 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

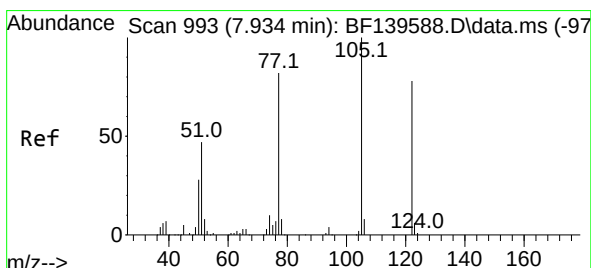
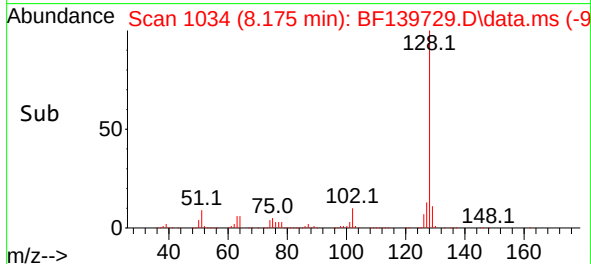
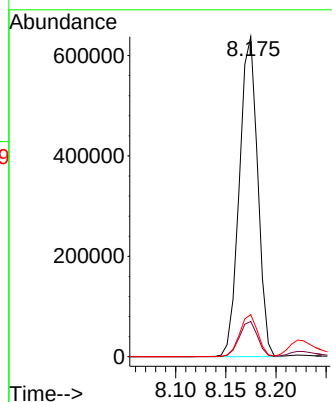
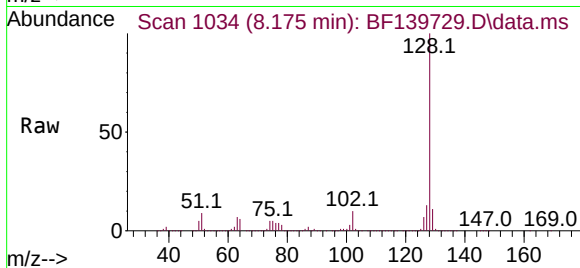
Tgt Ion:128 Resp: 810815

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.1 10.5 15.7



#32

Benzoic acid

Concen: 42.774 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

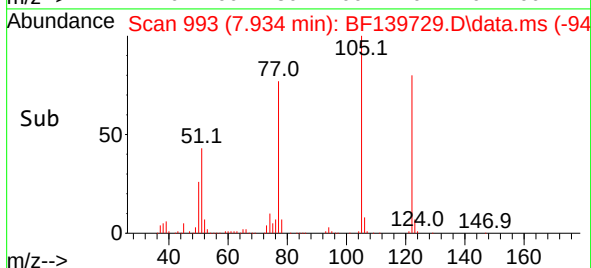
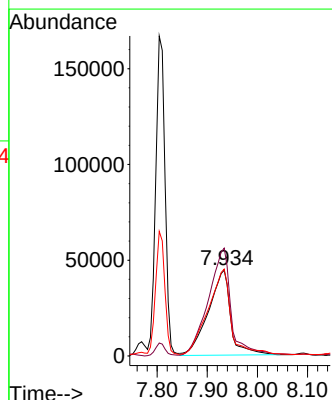
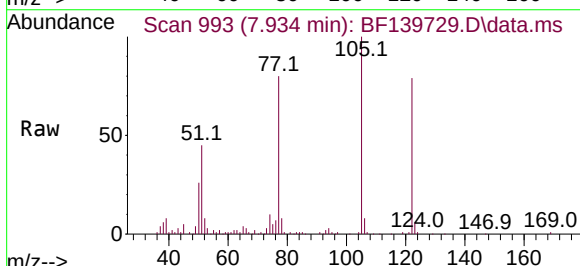
Tgt Ion:122 Resp: 137488

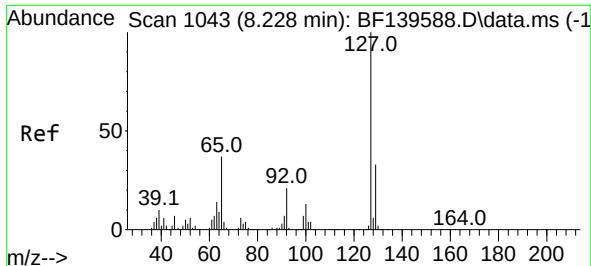
Ion Ratio Lower Upper

122 100

105 125.9 104.9 144.9

77 101.3 82.7 122.7

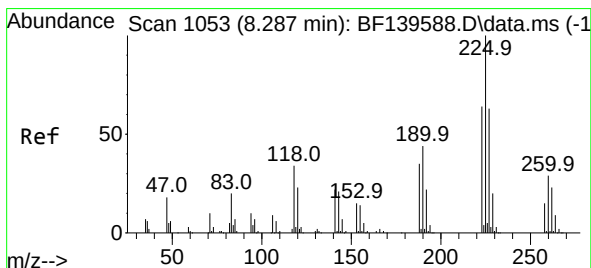
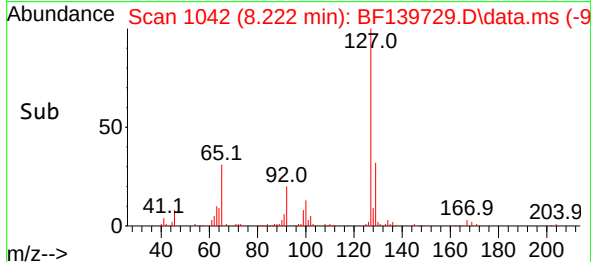
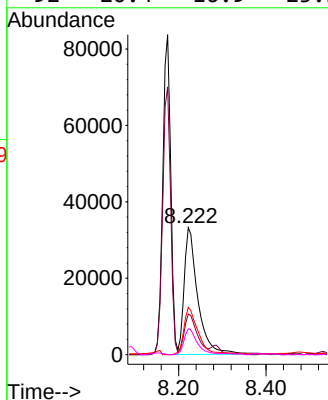
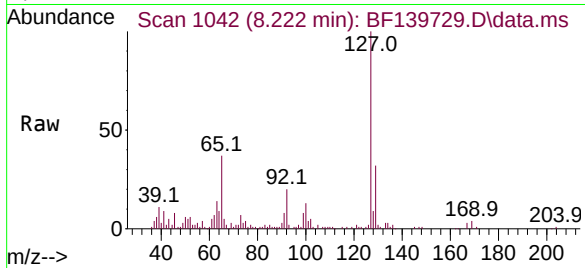




#33
4-Chloroaniline
Concen: 13.795 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

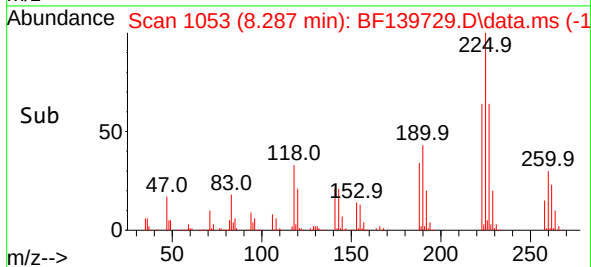
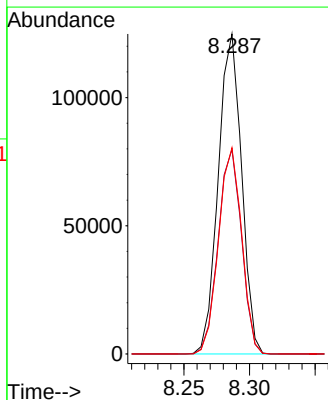
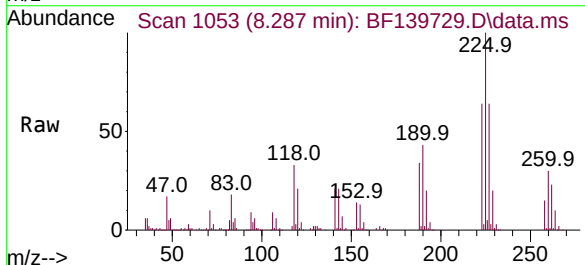
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

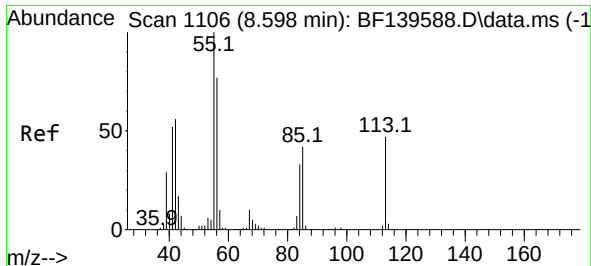
Tgt Ion:	127	Resp:	71701
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	37.2	29.3	43.9
92	20.4	16.9	25.3



#34
Hexachlorobutadiene
Concen: 49.963 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:	225	Resp:	154170
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.9	76.3
227	64.5	50.7	76.1

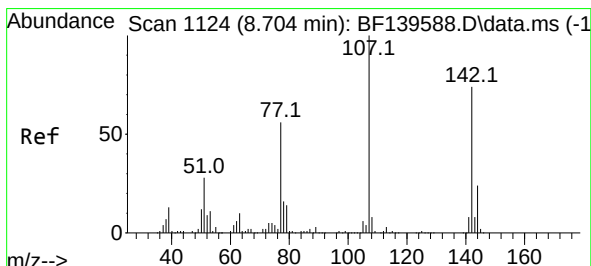
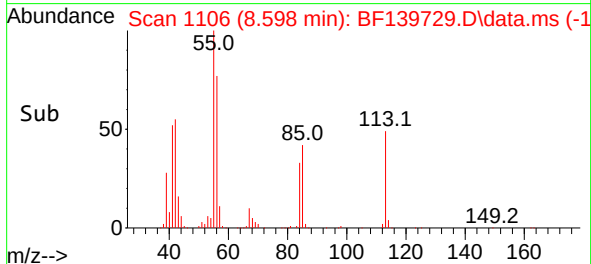
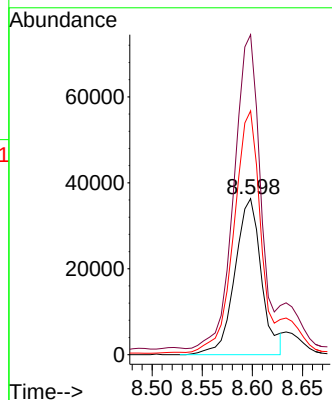
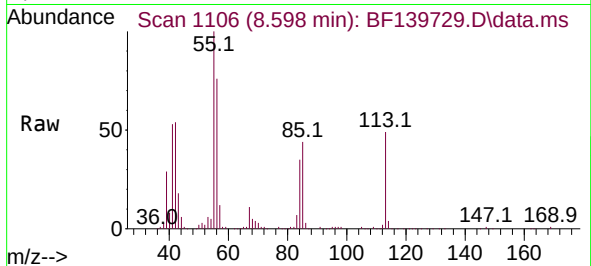




#35
Caprolactam
Concen: 48.521 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

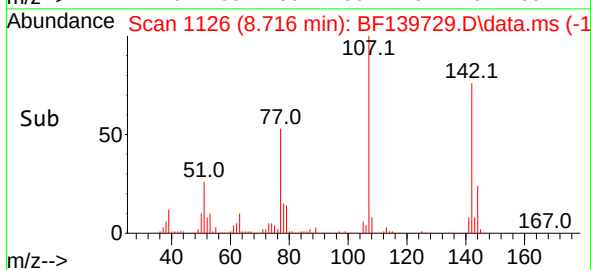
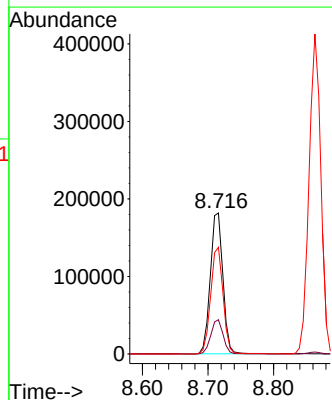
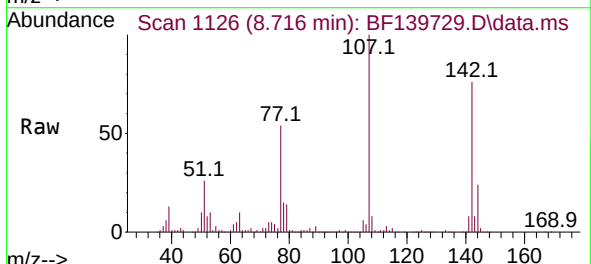
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

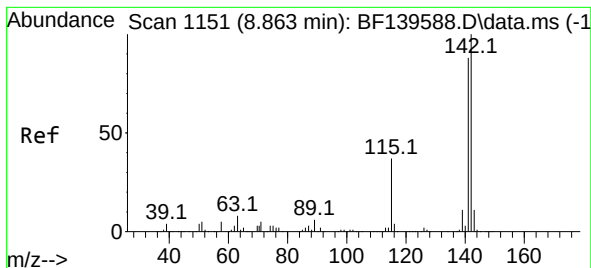
Tgt Ion:113 Resp: 67101
Ion Ratio Lower Upper
113 100
55 205.0 193.4 233.4
56 156.3 143.8 183.8



#36
4-Chloro-3-methylphenol
Concen: 50.940 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:107 Resp: 243131
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.6
142 75.7 59.2 88.8





#37

2-Methylnaphthalene

Concen: 51.412 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

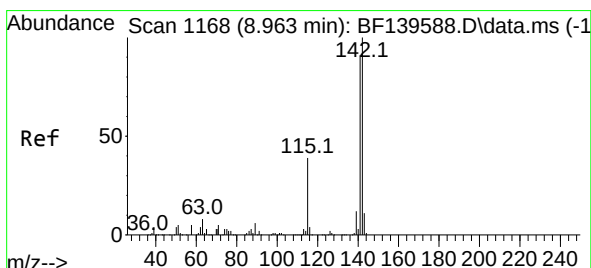
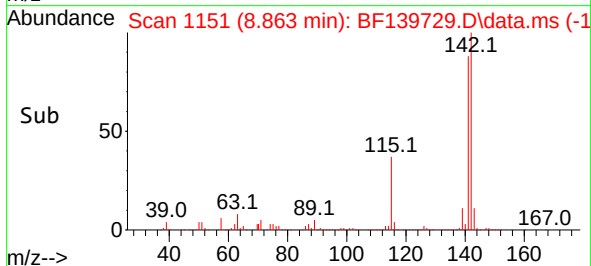
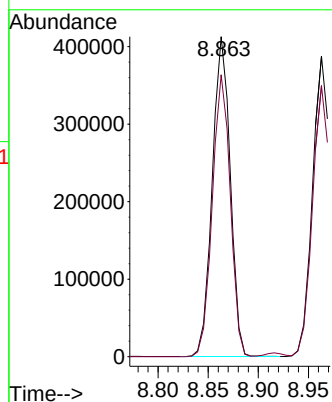
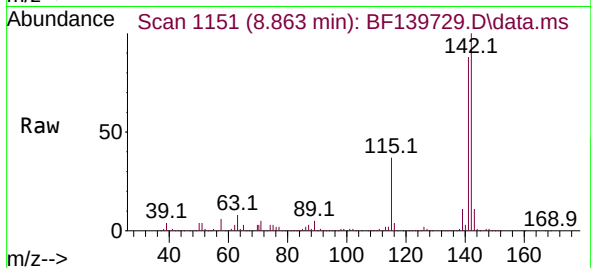
IB-6MSD

Tgt Ion:142 Resp: 514151

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6



#38

1-Methylnaphthalene

Concen: 48.952 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139729.D

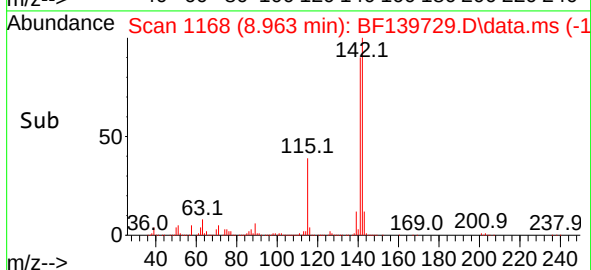
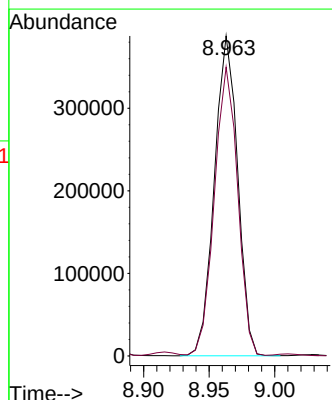
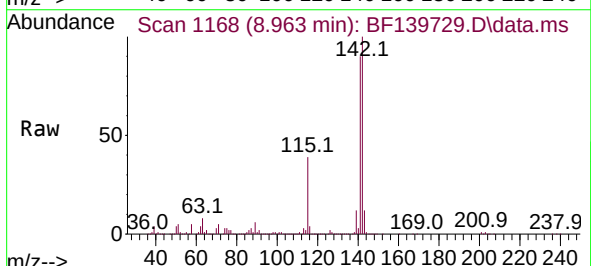
Acq: 09 Oct 2024 18:27

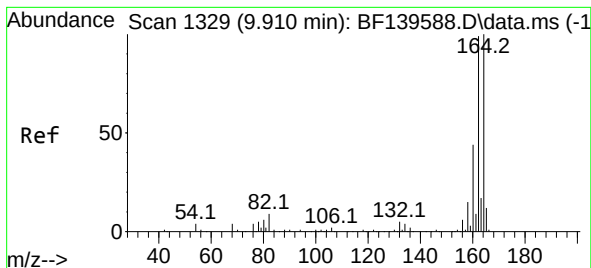
Tgt Ion:142 Resp: 478518

Ion Ratio Lower Upper

142 100

141 90.2 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: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

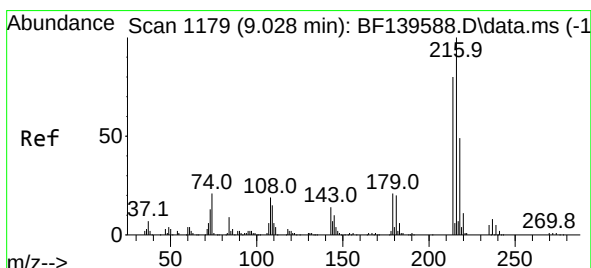
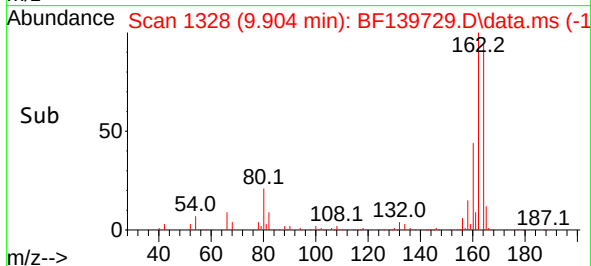
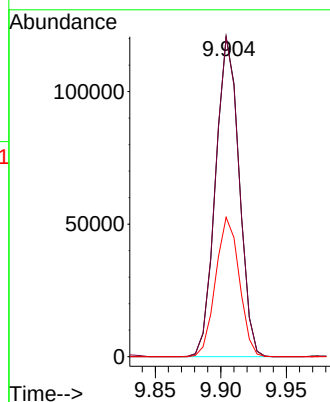
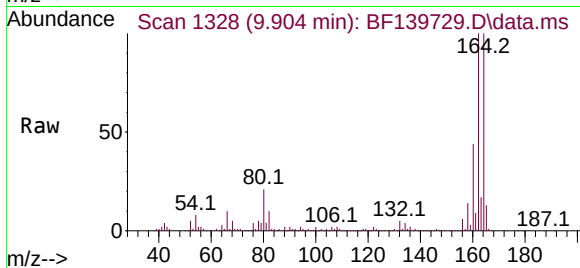
Tgt Ion:164 Resp: 150423

Ion Ratio Lower Upper

164 100

162 99.9 79.4 119.0

160 43.6 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.302 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Tgt Ion:216 Resp: 239353

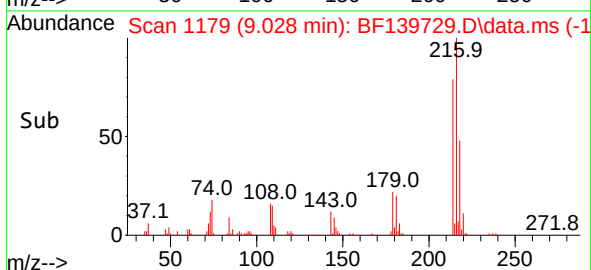
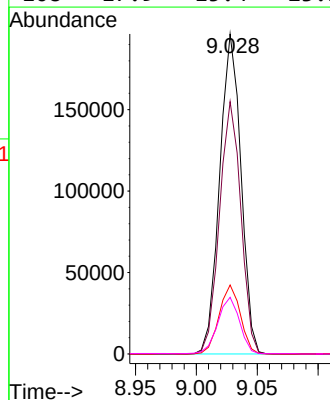
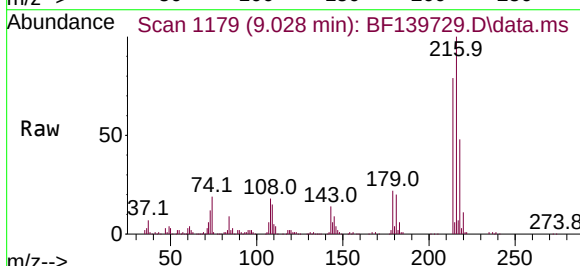
Ion Ratio Lower Upper

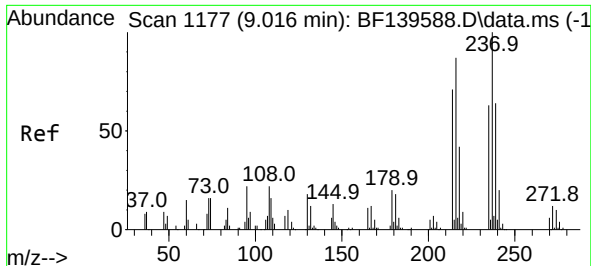
216 100

214 78.8 63.7 95.5

179 21.6 16.9 25.3

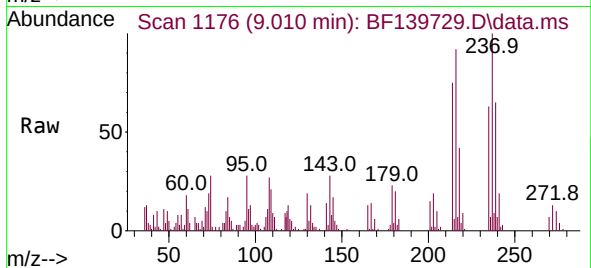
108 17.9 15.4 23.2



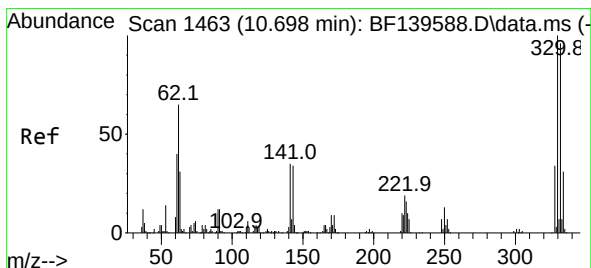
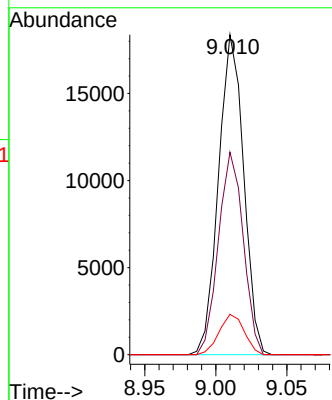
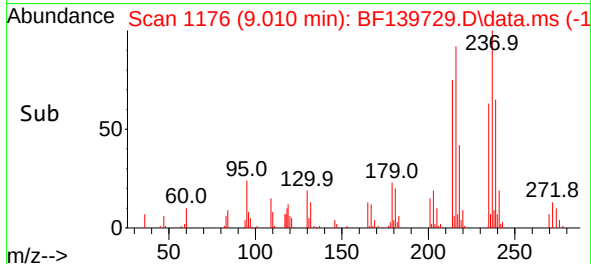


#41
Hexachlorocyclopentadiene
Concen: 17.650 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

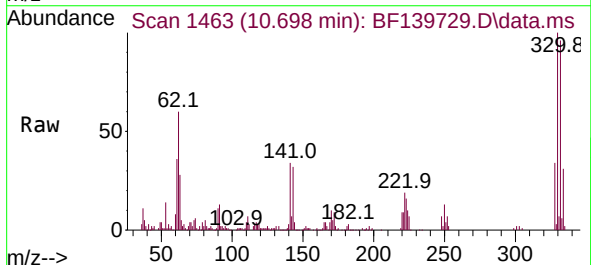
Instrument :
BNA_F
ClientSampleId :
IB-6MSD



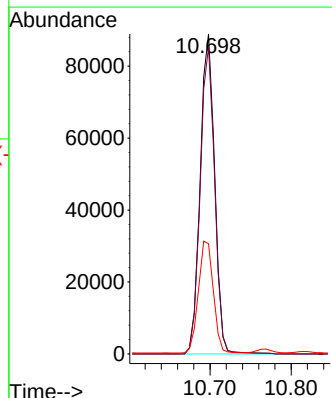
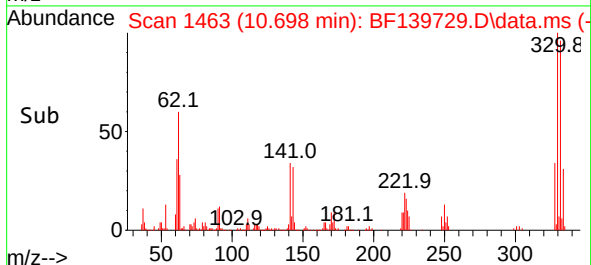
Tgt Ion:237 Resp: 22606
Ion Ratio Lower Upper
237 100
235 63.3 42.5 82.5
272 12.6 0.0 32.1

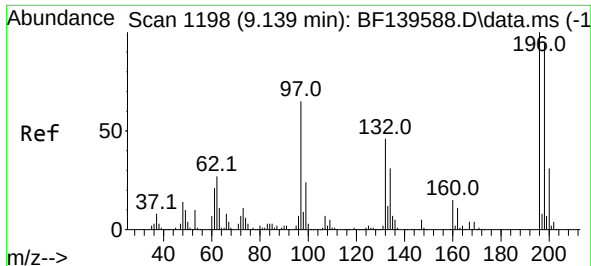


#42
2,4,6-Tribromophenol
Concen: 76.007 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27



Tgt Ion:330 Resp: 110369
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 36.1 29.3 43.9





#43

2,4,6-Trichlorophenol

Concen: 56.259 ng

RT: 9.145 min Scan# 1198

Delta R.T. 0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

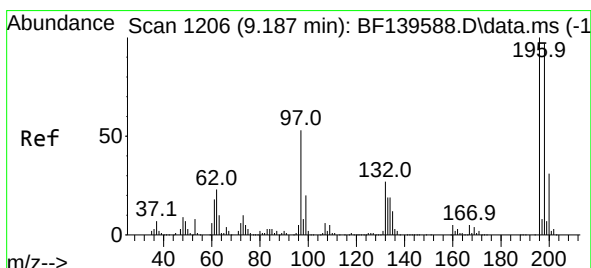
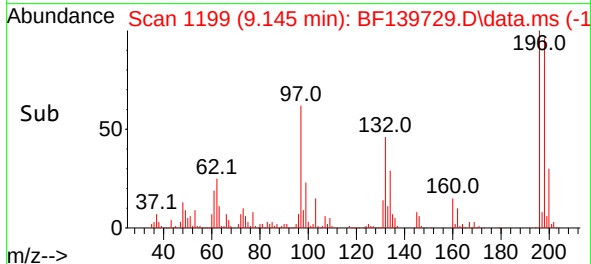
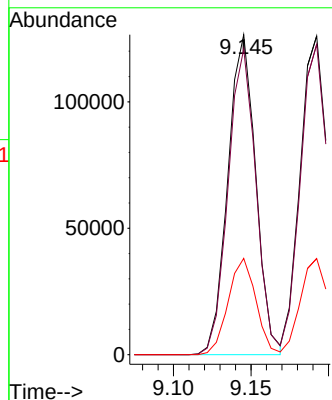
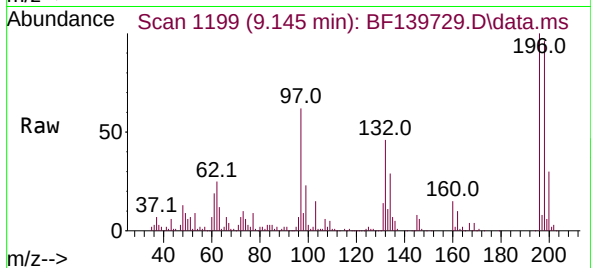
Tgt Ion:196 Resp: 158418

Ion Ratio Lower Upper

196 100

198 95.5 75.2 112.8

200 30.1 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 52.895 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Tgt Ion:196 Resp: 160624

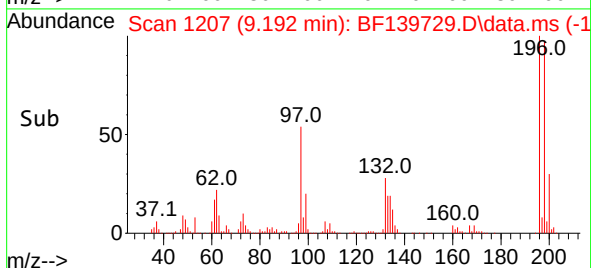
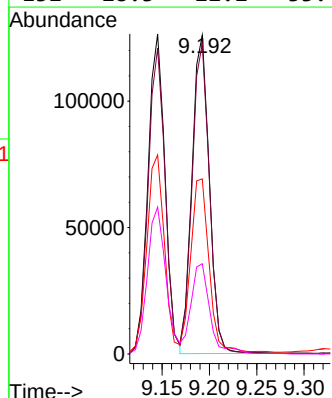
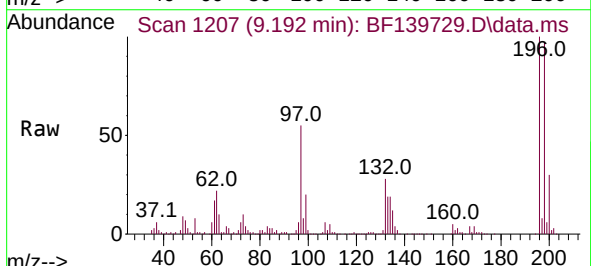
Ion Ratio Lower Upper

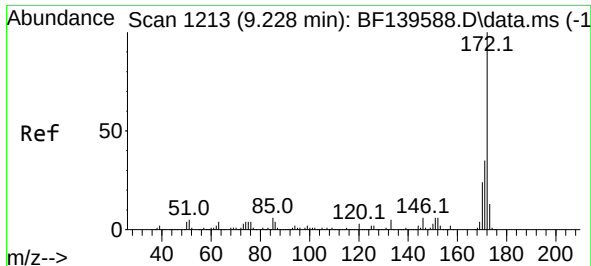
196 100

198 97.3 77.5 116.3

97 54.9 43.1 64.7

132 28.3 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 61.385 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

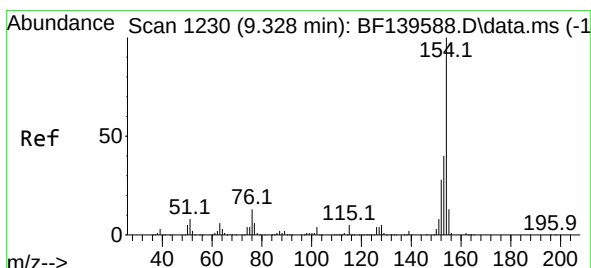
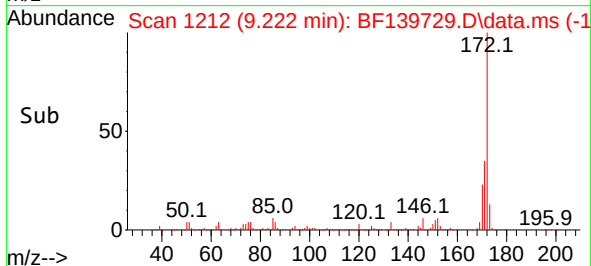
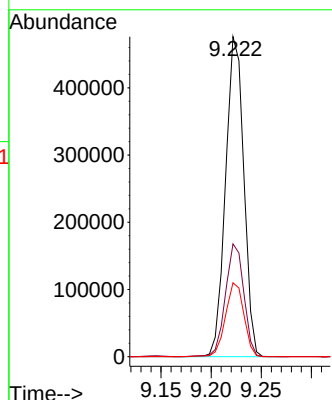
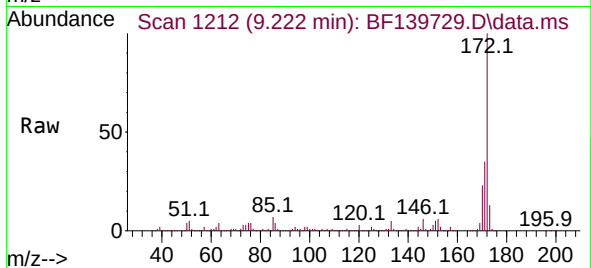
Tgt Ion:172 Resp: 601477

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.1 18.8 28.2



#46

1,1'-Biphenyl

Concen: 55.742 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

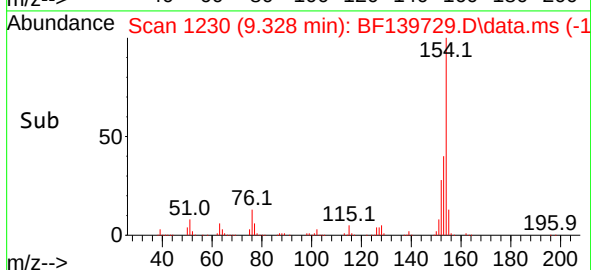
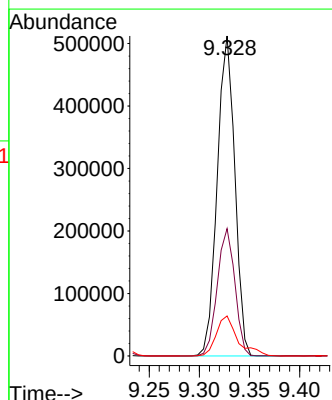
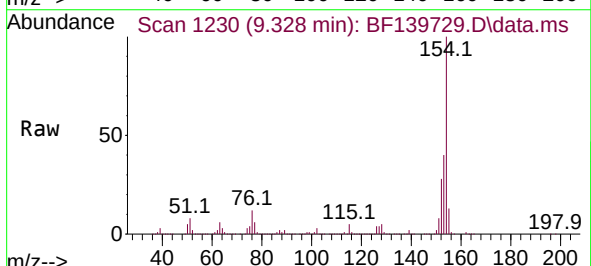
Tgt Ion:154 Resp: 623639

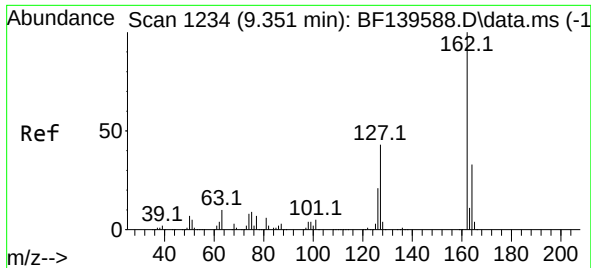
Ion Ratio Lower Upper

154 100

153 39.8 20.1 60.1

76 12.5 0.0 32.6

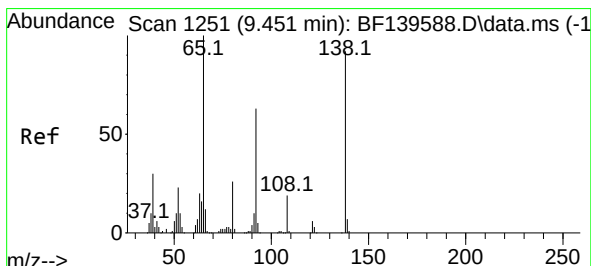
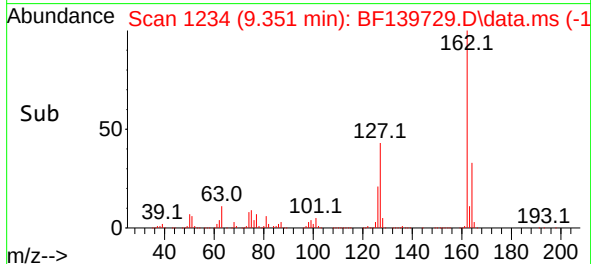
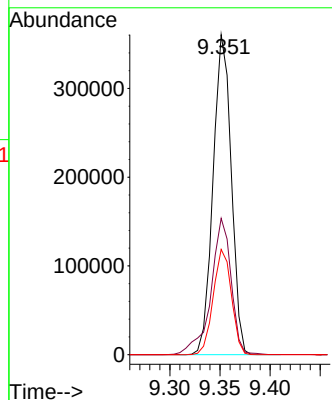
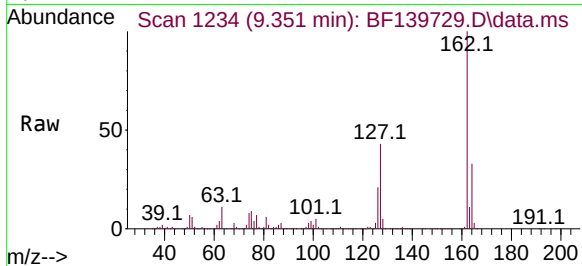




#47
2-Chloronaphthalene
Concen: 54.226 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

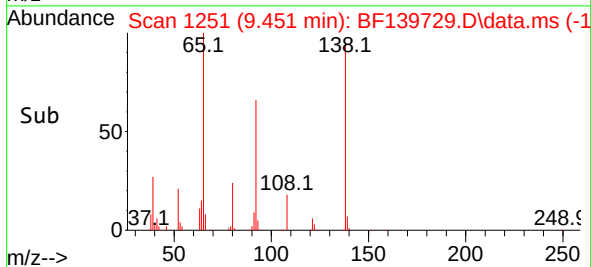
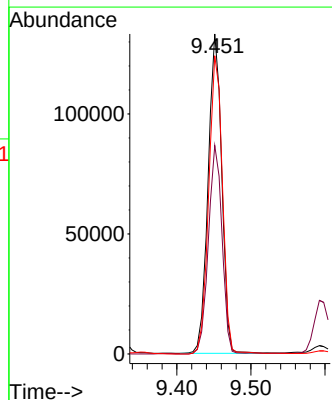
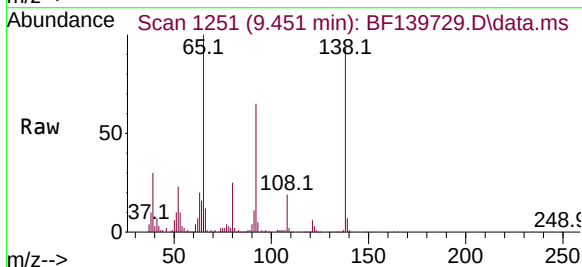
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

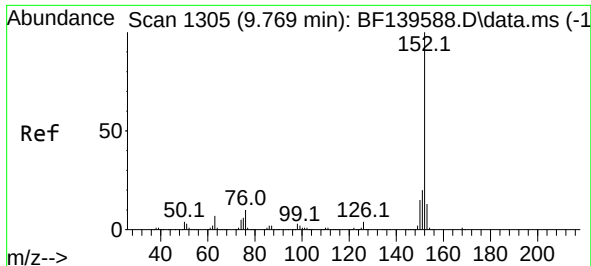
Tgt Ion:162 Resp: 454808
Ion Ratio Lower Upper
162 100
127 42.6 35.0 52.4
164 32.9 26.1 39.1



#48
2-Nitroaniline
Concen: 56.491 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion: 65 Resp: 170084
Ion Ratio Lower Upper
65 100
92 65.2 50.0 75.0
138 93.2 73.8 110.8





#49

Acenaphthylene

Concen: 56.949 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

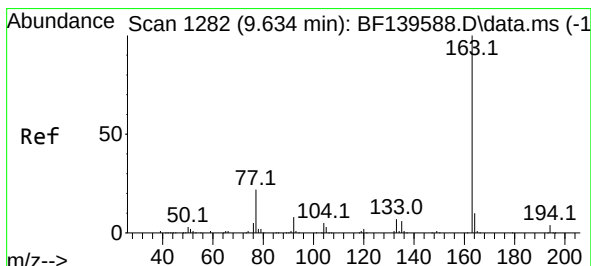
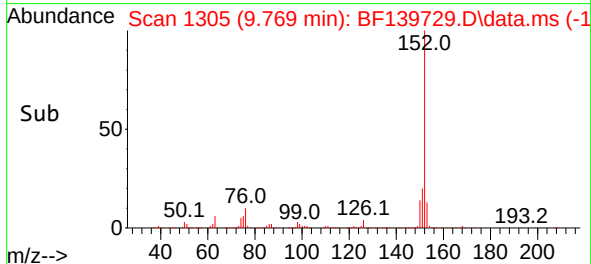
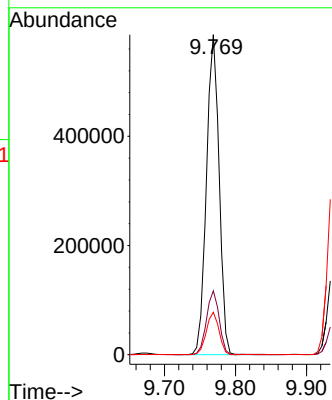
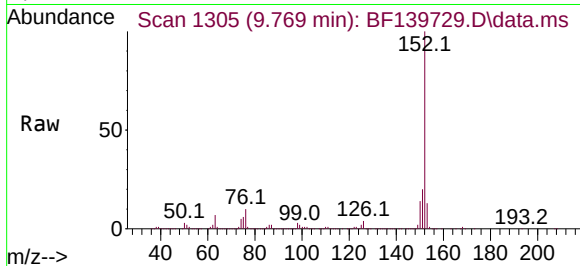
Tgt Ion:152 Resp: 726399

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 57.370 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

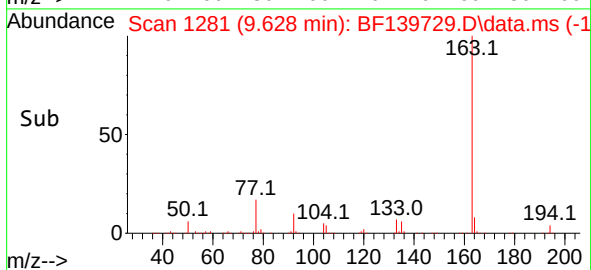
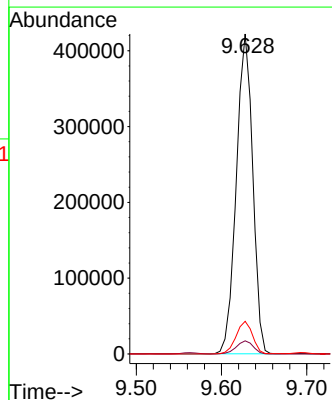
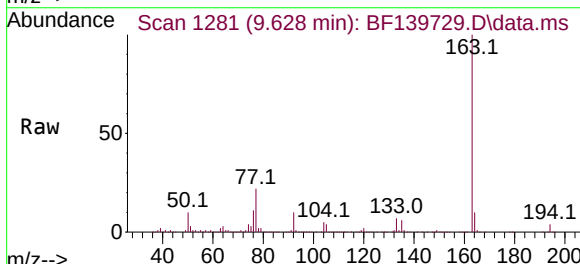
Tgt Ion:163 Resp: 564913

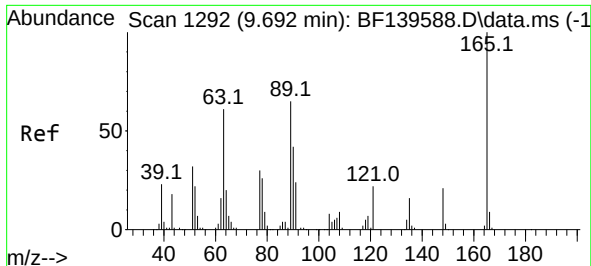
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 51.742 ng

RT: 9.692 min Scan# 1292

Delta R.T. 0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

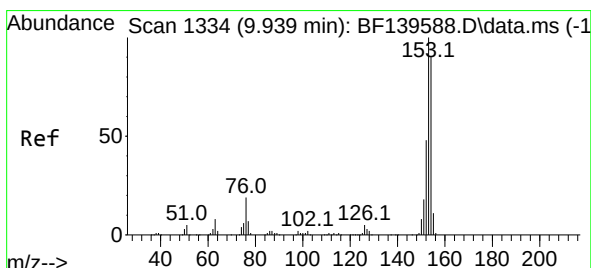
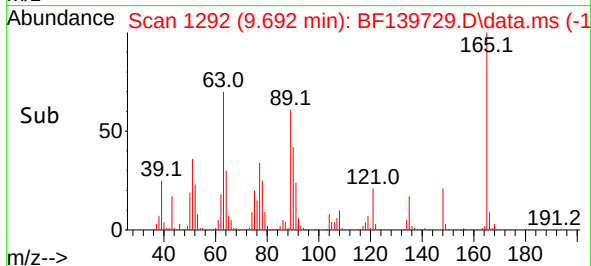
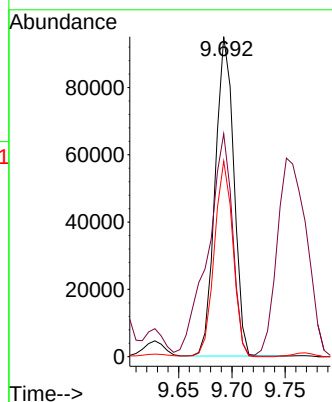
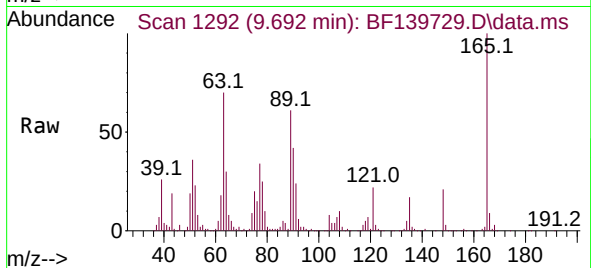
Tgt Ion:165 Resp: 115093

Ion Ratio Lower Upper

165 100

63 69.7 56.7 85.1

89 61.1 51.6 77.4



#52

Acenaphthene

Concen: 52.356 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

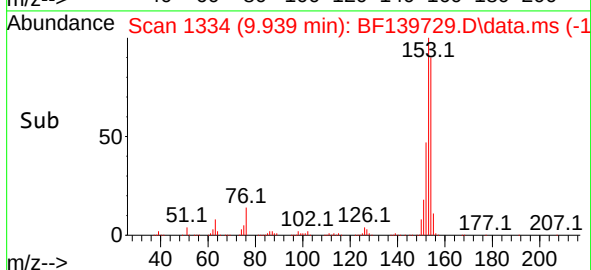
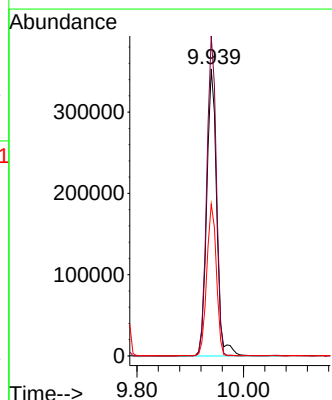
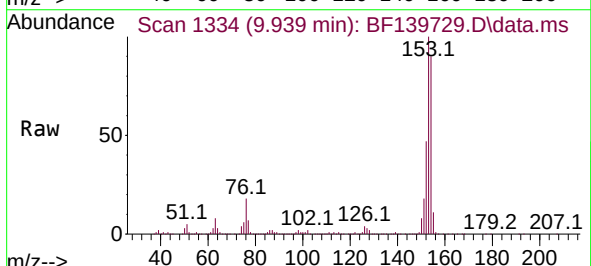
Tgt Ion:154 Resp: 458456

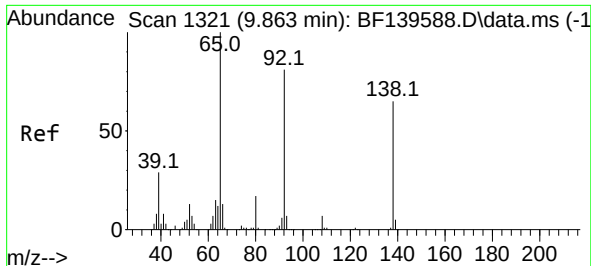
Ion Ratio Lower Upper

154 100

153 111.5 88.8 133.2

152 52.9 42.5 63.7

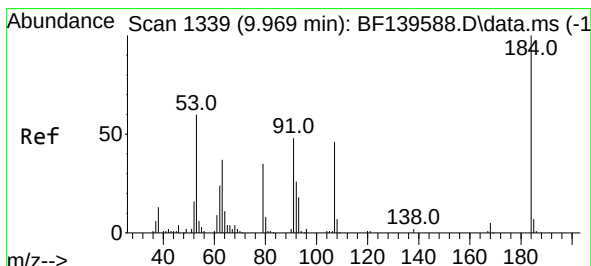
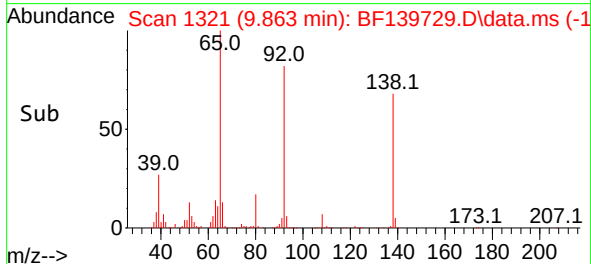
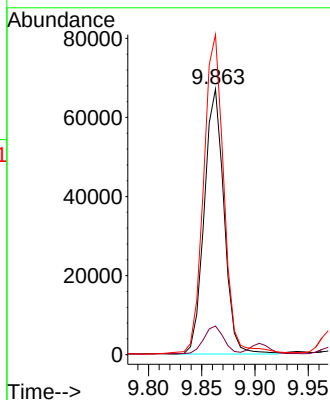
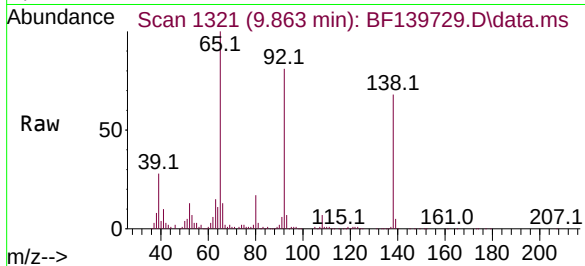




#53
3-Nitroaniline
Concen: 38.180 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

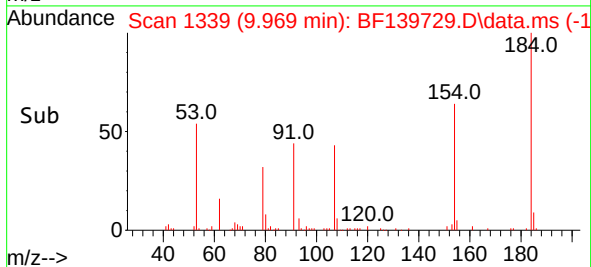
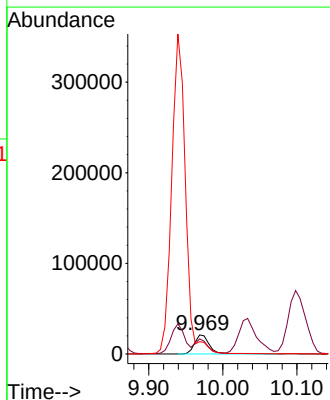
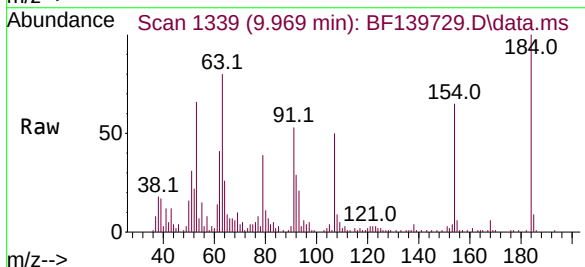
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

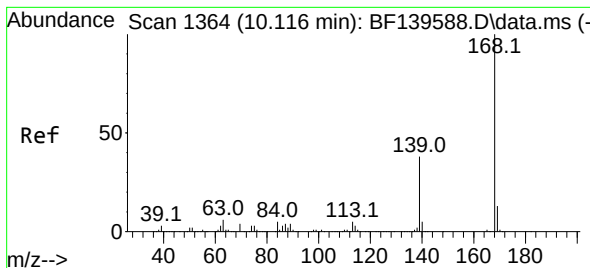
Tgt Ion:138 Resp: 86787
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 120.5 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 25.067 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:184 Resp: 29990
Ion Ratio Lower Upper
184 100
63 79.6 61.7 92.5
154 65.3 53.0 79.4

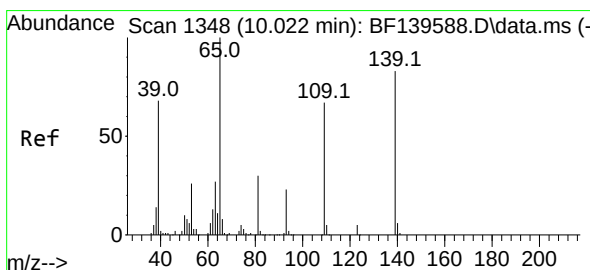
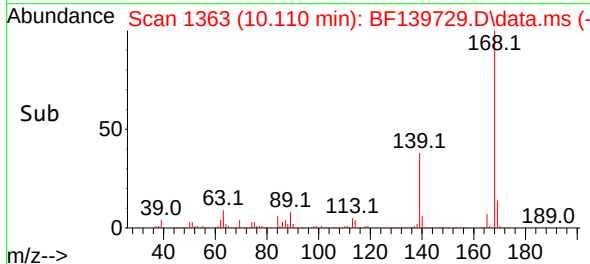
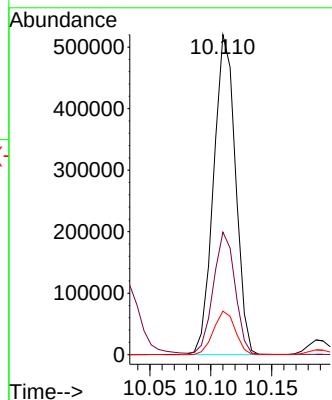
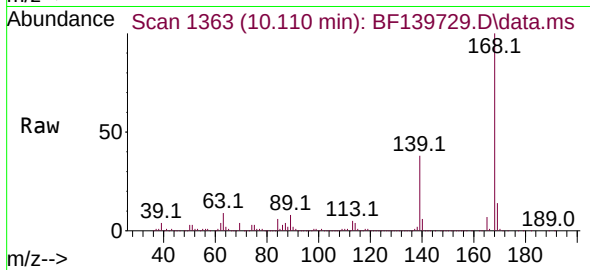




#55
Dibenzenofuran
Concen: 52.973 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

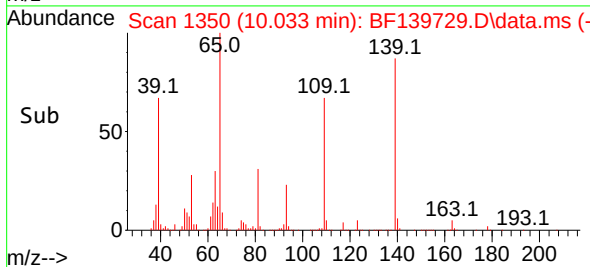
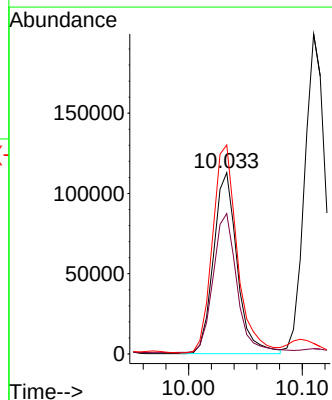
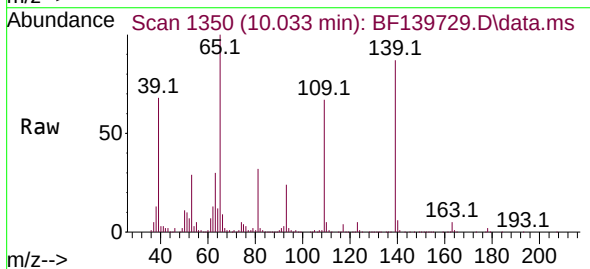
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

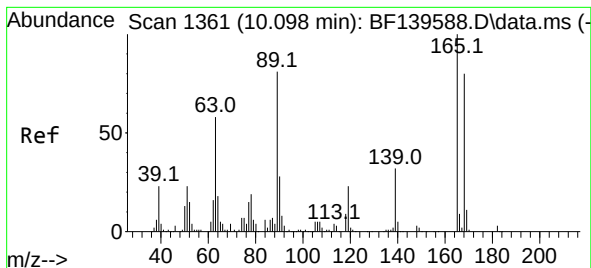
Tgt Ion:168 Resp: 649470
Ion Ratio Lower Upper
168 100
139 38.3 30.4 45.6
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 93.818 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:139 Resp: 162628
Ion Ratio Lower Upper
139 100
109 77.4 60.3 100.3
65 115.2 100.8 140.8

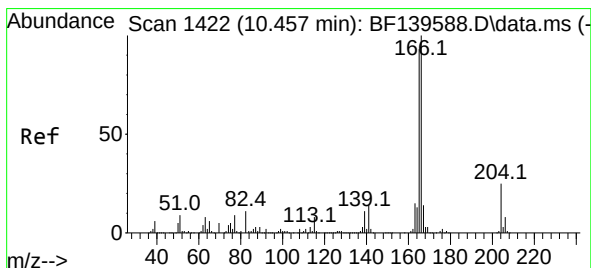
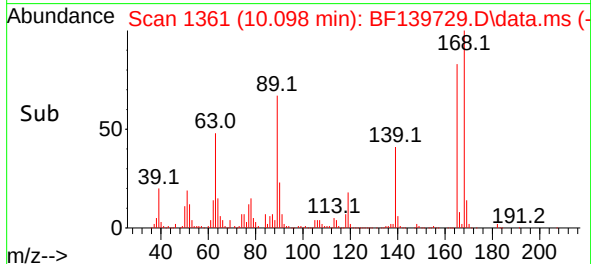
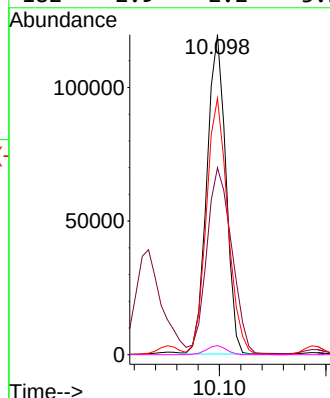
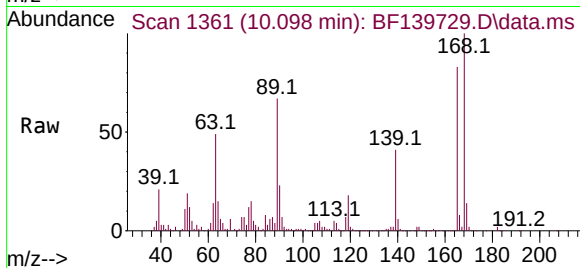




#57
2,4-Dinitrotoluene
Concen: 50.975 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

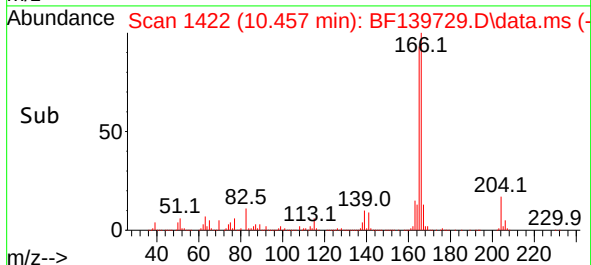
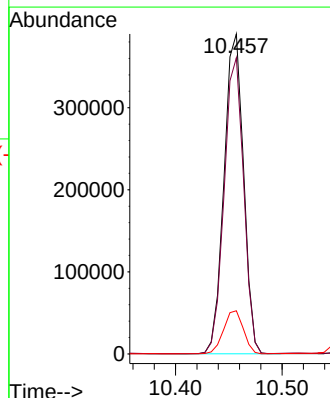
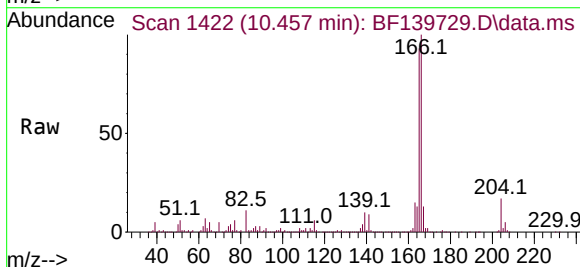
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

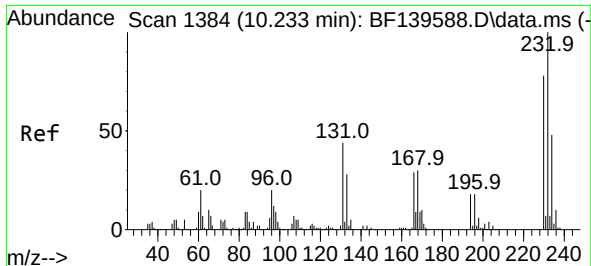
Tgt Ion:	165	Resp:	148211
Ion	Ratio	Lower	Upper
165	100		
63	58.4	46.9	70.3
89	80.1	64.4	96.6
182	2.9	2.2	3.2



#58
Fluorene
Concen: 50.639 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:	166	Resp:	494497
Ion	Ratio	Lower	Upper
166	100		
165	92.6	74.4	111.6
167	13.5	10.9	16.3



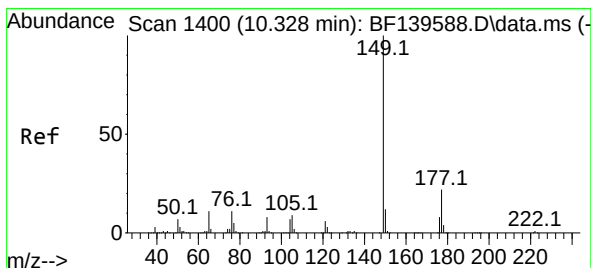
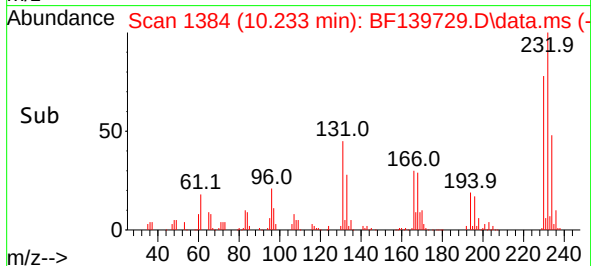
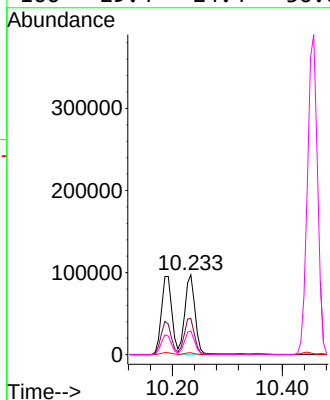
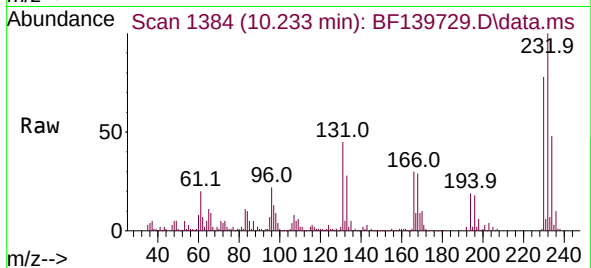


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.256 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Instrument :
BNA_F
ClientSampleId :
IB-6MSD

Tgt Ion:232 Resp: 125714

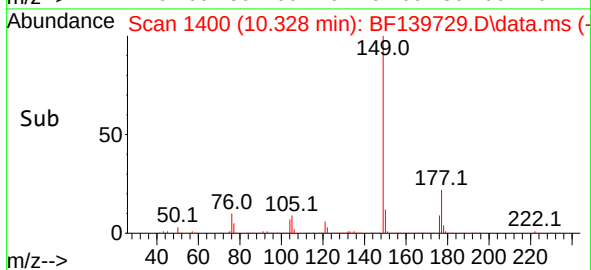
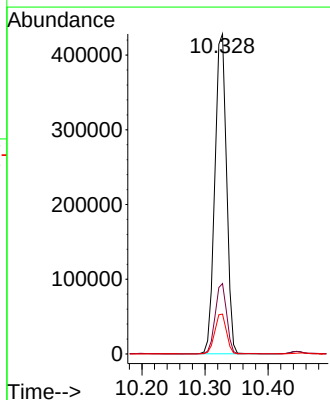
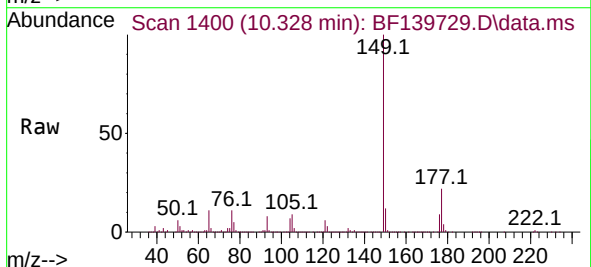
Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.8	56.6
130	2.2	1.9	2.9
166	29.4	24.4	36.6

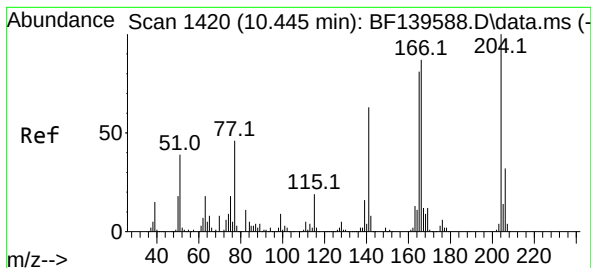


#60
Diethylphthalate
Concen: 53.885 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:149 Resp: 548048

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.4	26.0
150	12.4	10.0	15.0

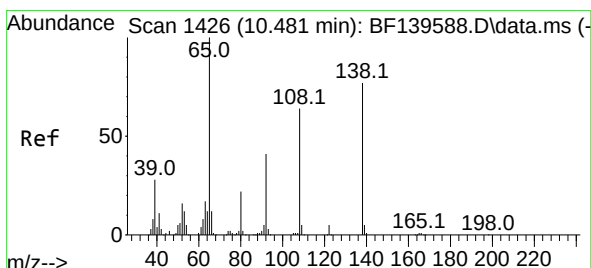
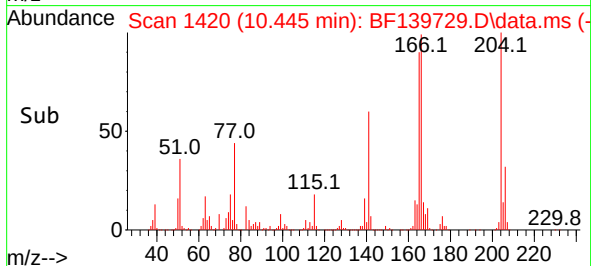
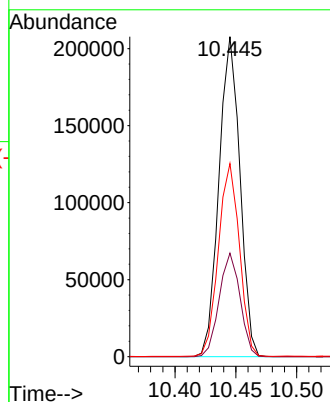
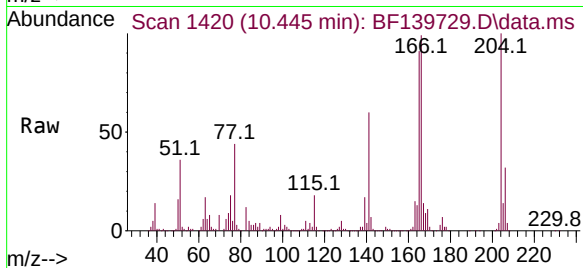




#61
4-Chlorophenyl-phenylether
Concen: 50.938 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

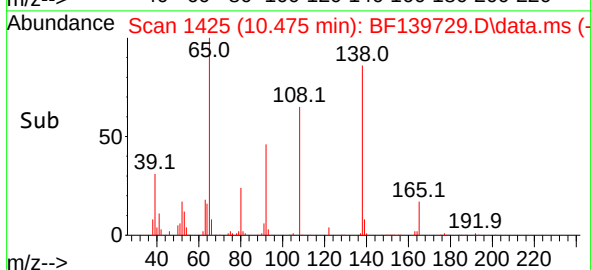
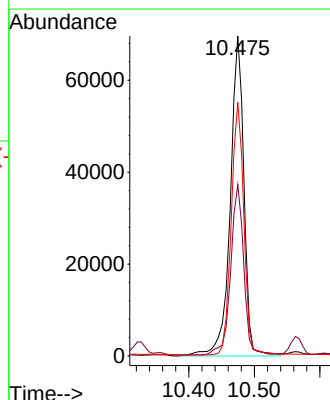
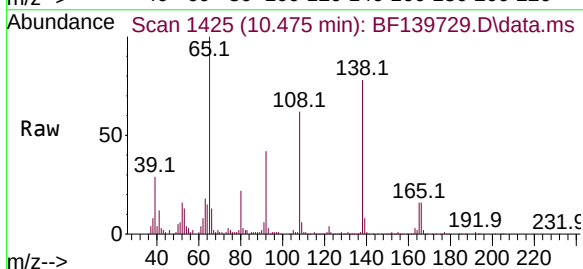
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

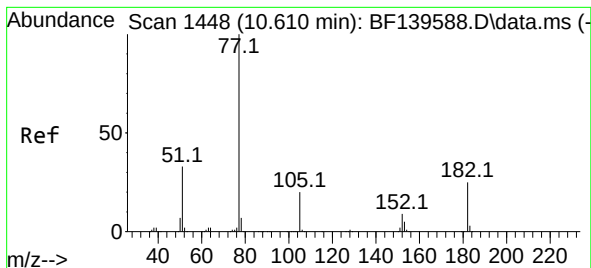
Tgt Ion:204 Resp: 248852
Ion Ratio Lower Upper
204 100
206 32.4 25.9 38.9
141 60.3 50.5 75.7



#62
4-Nitroaniline
Concen: 43.539 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:138 Resp: 101232
Ion Ratio Lower Upper
138 100
92 53.6 33.3 73.3
108 79.3 62.1 102.1





#63

Azobenzene

Concen: 59.128 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

Tgt Ion: 77 Resp: 604775

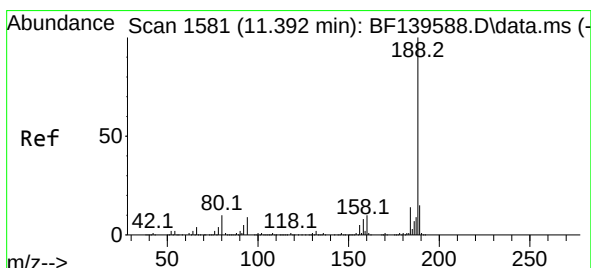
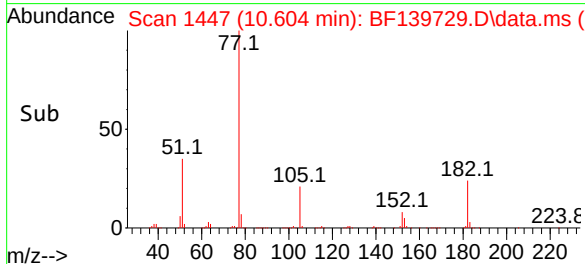
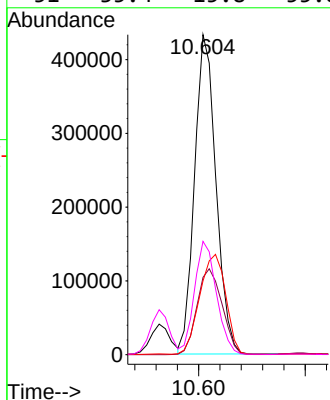
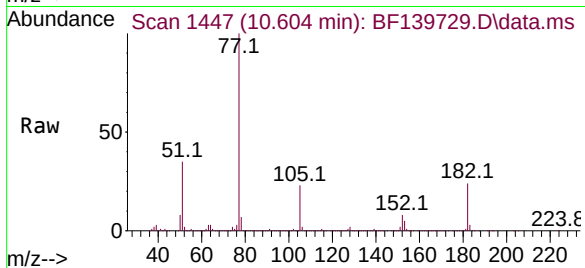
Ion Ratio Lower Upper

77 100

182 24.2 4.2 44.2

105 23.1 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: BF139729.D

Acq: 09 Oct 2024 18:27

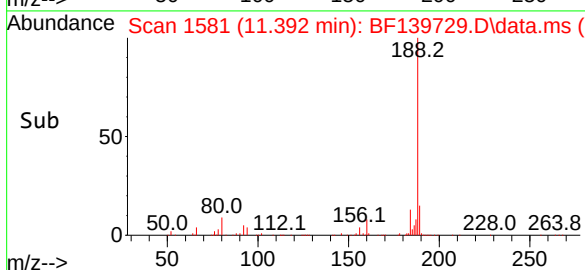
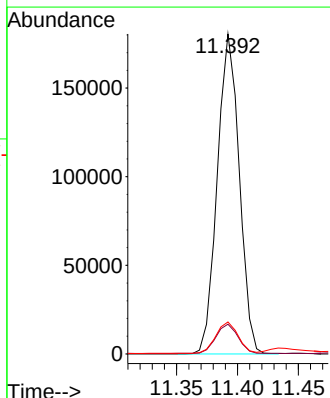
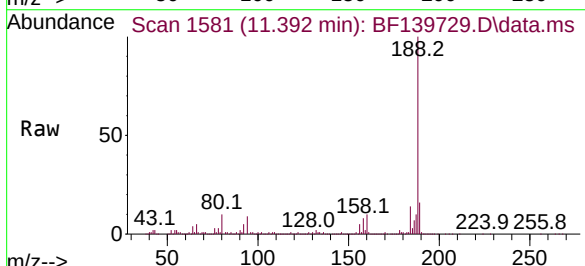
Tgt Ion: 188 Resp: 227294

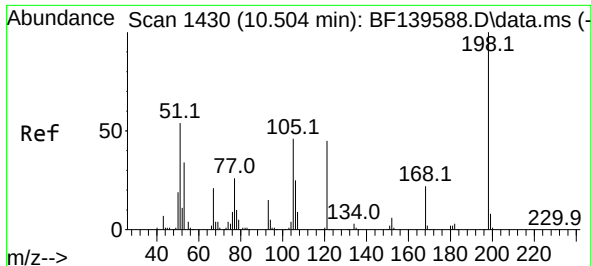
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.0 8.2 12.2

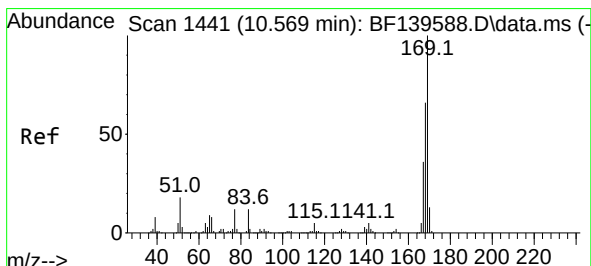
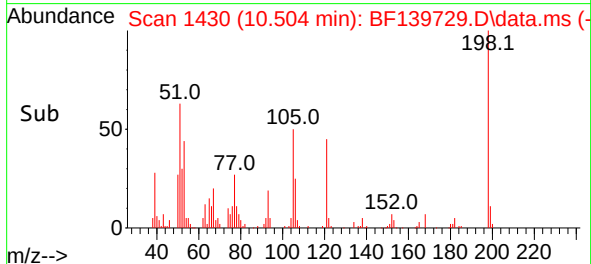
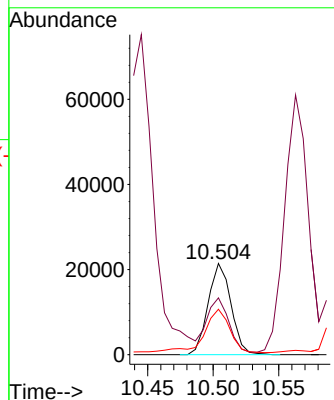
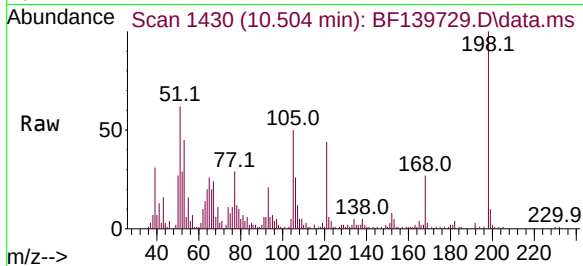




#65
4,6-Dinitro-2-methylphenol
Concen: 20.273 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

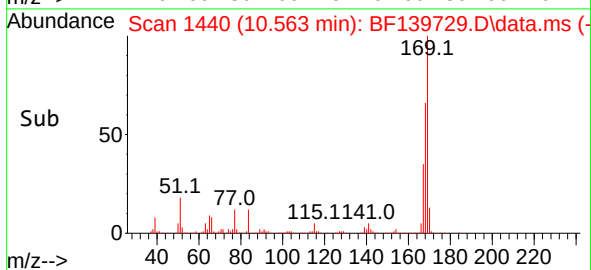
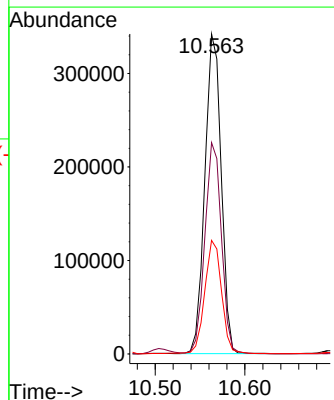
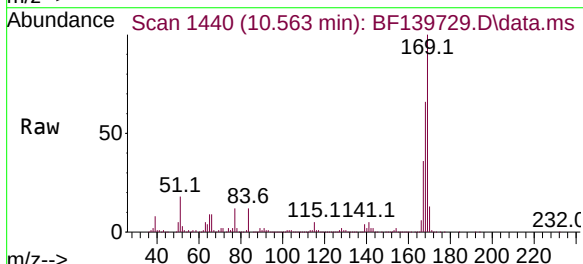
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

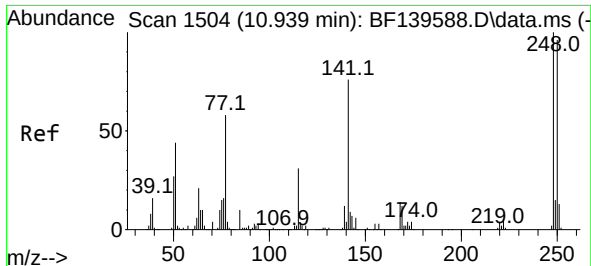
Tgt Ion:198 Resp: 26025
Ion Ratio Lower Upper
198 100
51 62.3 43.0 83.0
105 49.9 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 64.484 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:169 Resp: 432032
Ion Ratio Lower Upper
169 100
168 66.0 53.2 79.8
167 35.5 28.6 43.0

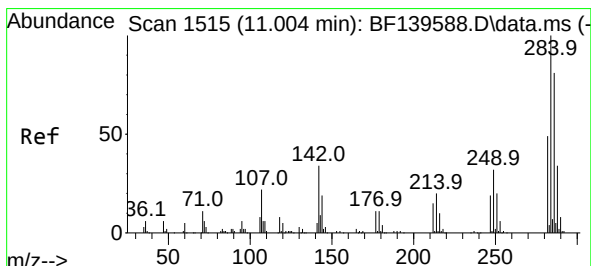
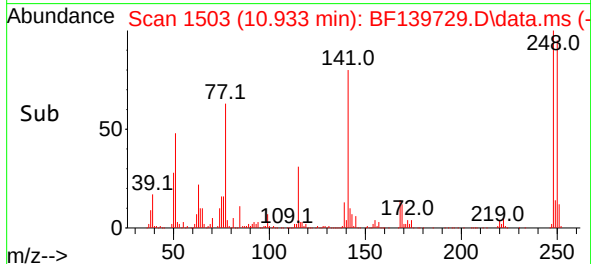
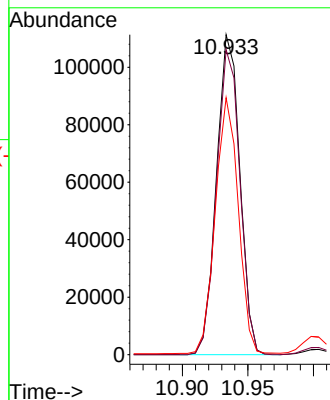
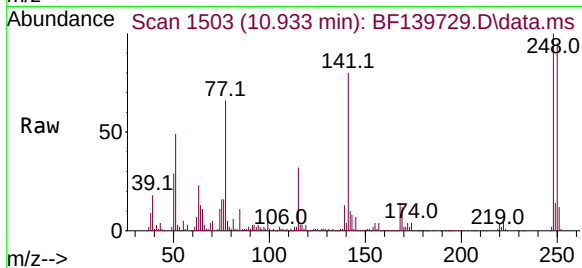




#67
4-Bromophenyl-phenylether
Concen: 59.092 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

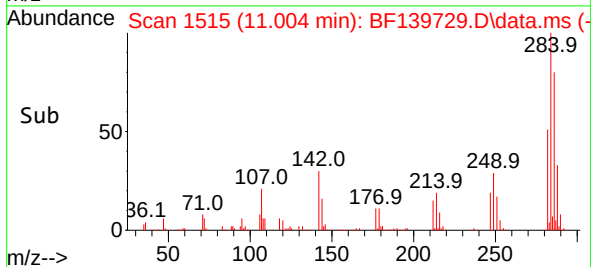
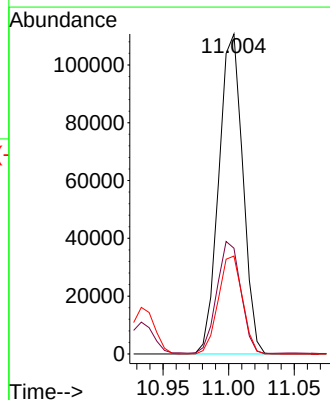
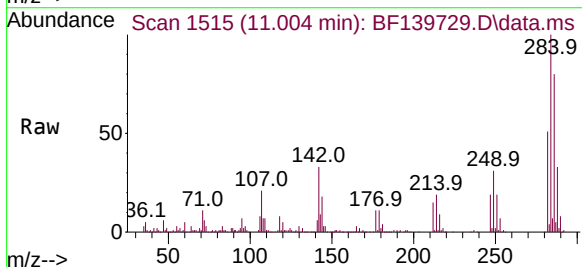
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

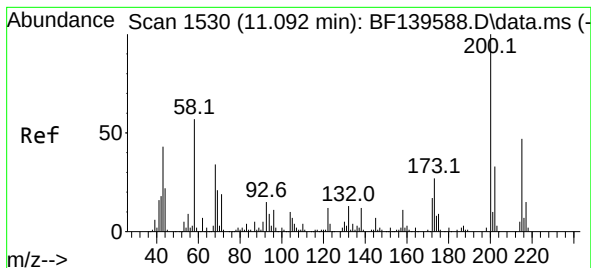
Tgt Ion:248 Resp: 137712
Ion Ratio Lower Upper
248 100
250 95.3 77.1 115.7
141 80.3 60.4 90.6



#68
Hexachlorobenzene
Concen: 54.374 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:284 Resp: 140611
Ion Ratio Lower Upper
284 100
142 33.1 26.9 40.3
249 30.6 25.4 38.0





#69

Atrazine

Concen: 70.103 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

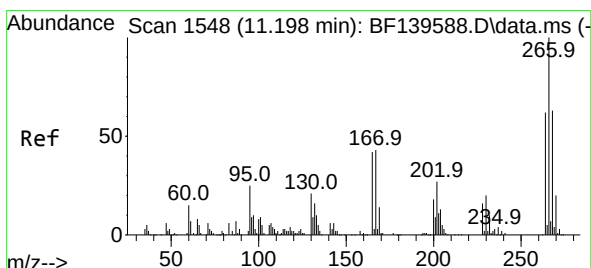
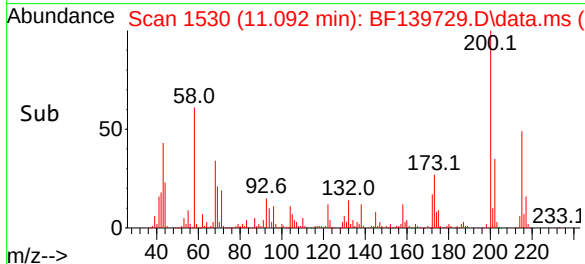
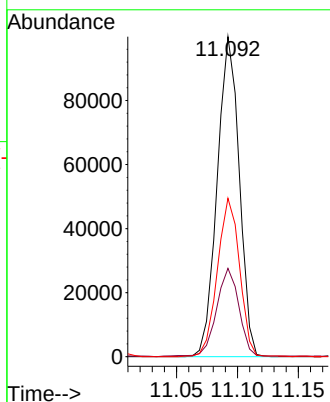
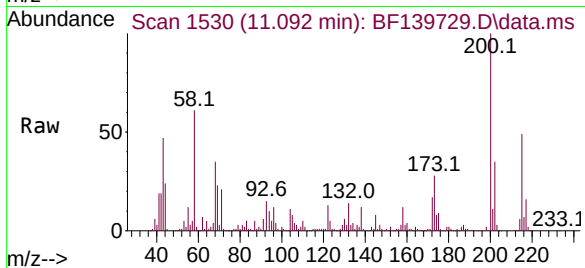
Tgt Ion:200 Resp: 126016

Ion Ratio Lower Upper

200 100

173 27.6 6.7 46.7

215 49.5 27.5 67.5



#70

Pentachlorophenol

Concen: 93.725 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

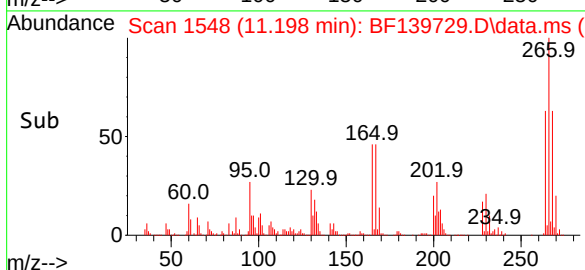
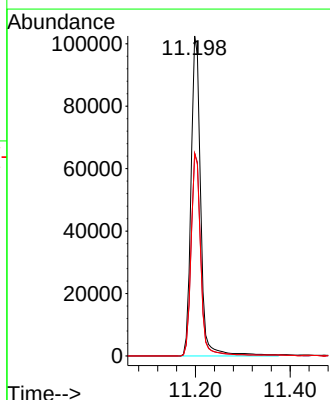
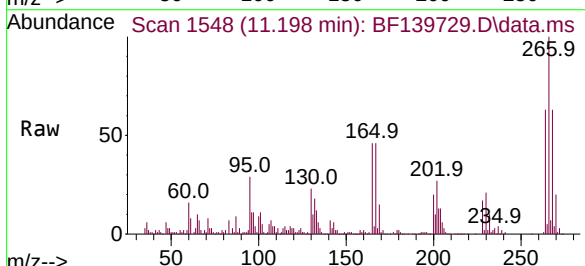
Tgt Ion:266 Resp: 144319

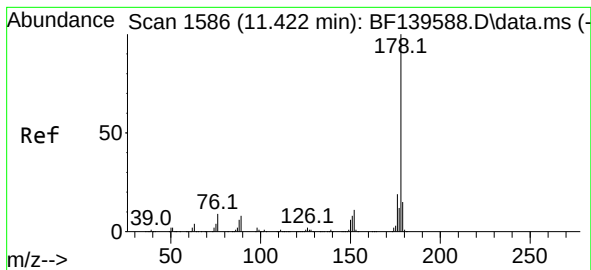
Ion Ratio Lower Upper

266 100

268 63.3 50.0 75.0

264 63.3 49.3 73.9





#71

Phenanthrene

Concen: 64.676 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

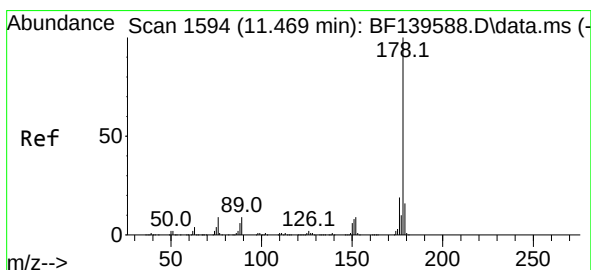
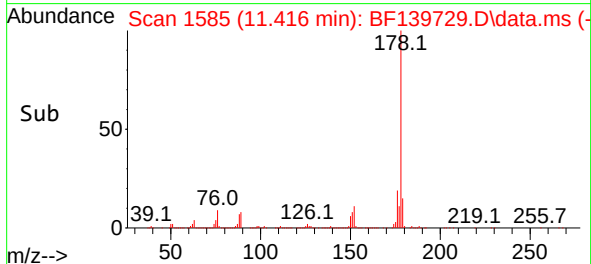
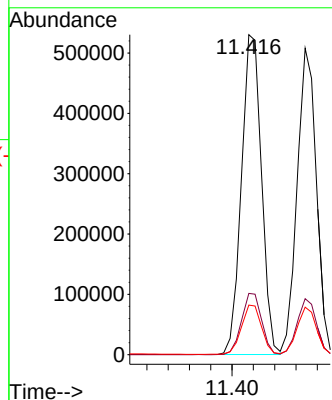
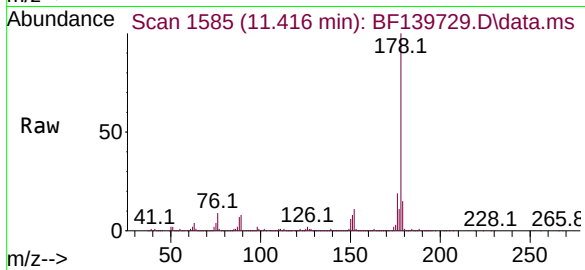
Tgt Ion:178 Resp: 693138

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.5 12.3 18.5



#72

Anthracene

Concen: 59.951 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

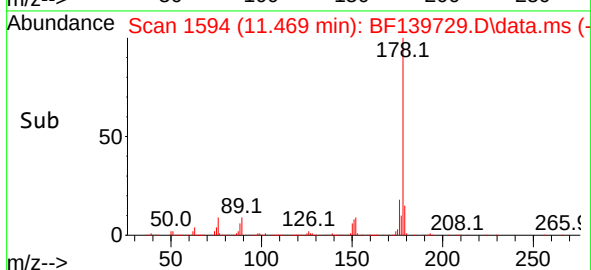
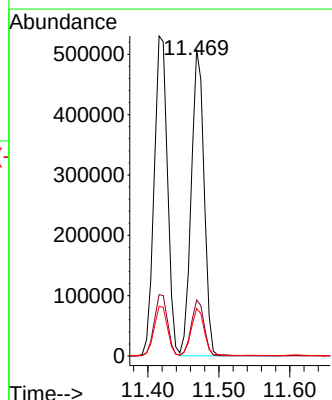
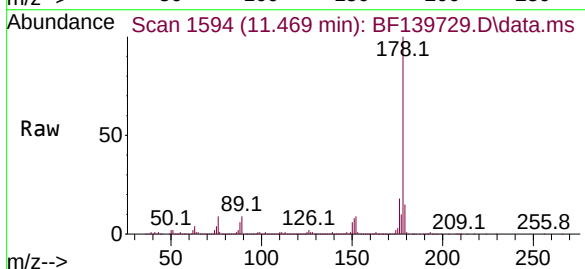
Tgt Ion:178 Resp: 635623

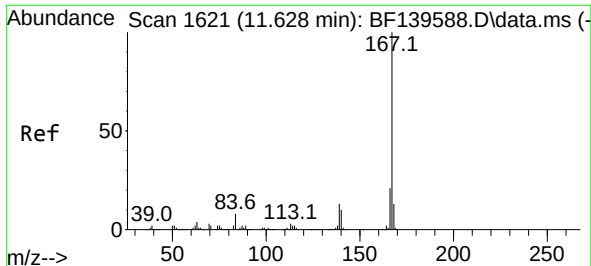
Ion Ratio Lower Upper

178 100

176 18.3 15.1 22.7

179 15.5 12.5 18.7

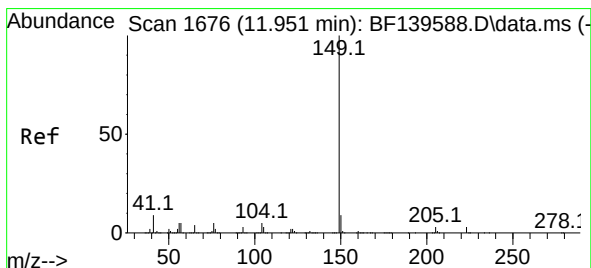
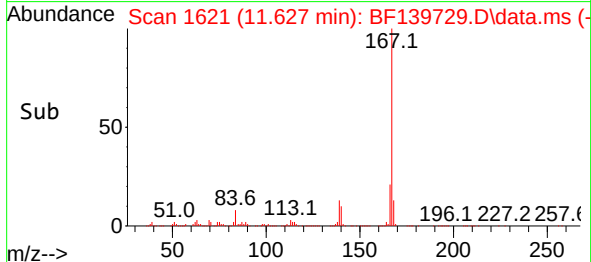
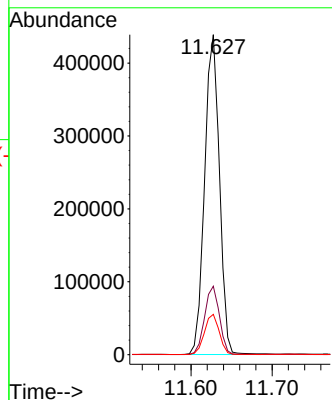
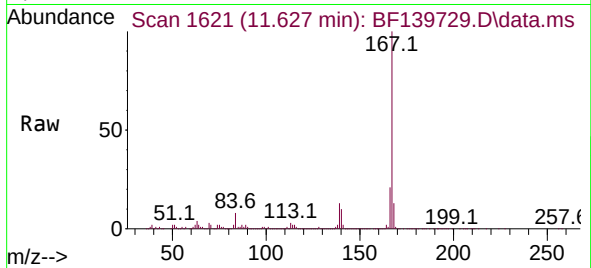




#73
 Carbazole
 Concen: 54.408 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139729.D
 Acq: 09 Oct 2024 18:27

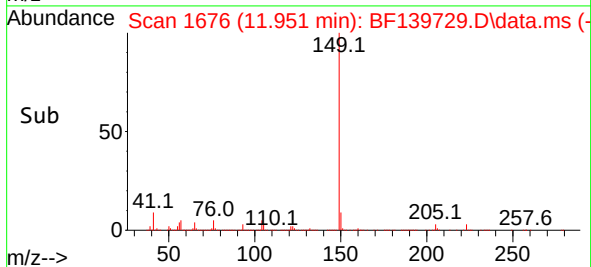
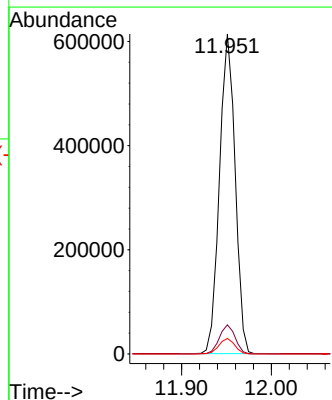
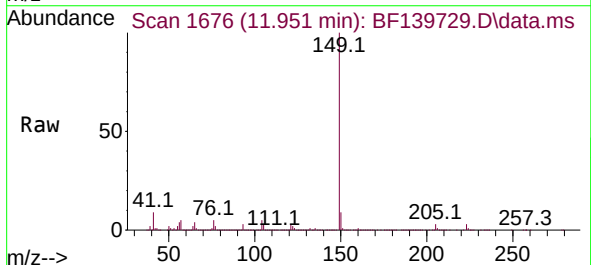
Instrument :
 BNA_F
 ClientSampleId :
 IB-6MSD

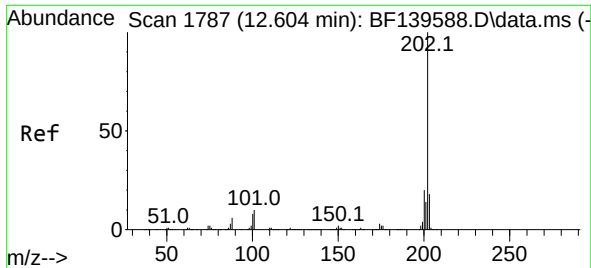
Tgt Ion:167 Resp: 554039
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.6 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 60.013 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139729.D
 Acq: 09 Oct 2024 18:27

Tgt Ion:149 Resp: 743146
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1

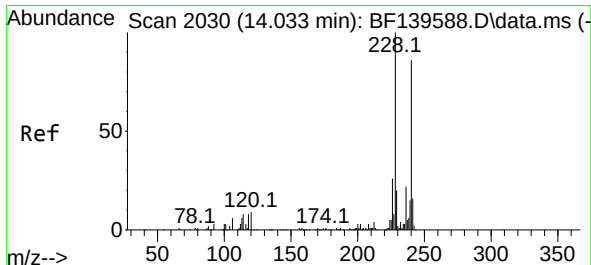
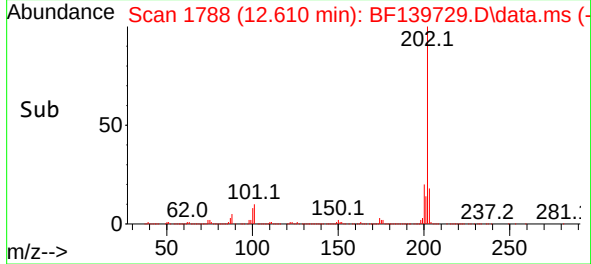
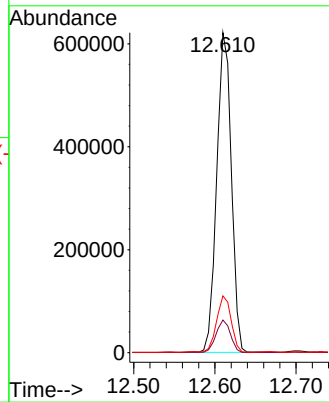
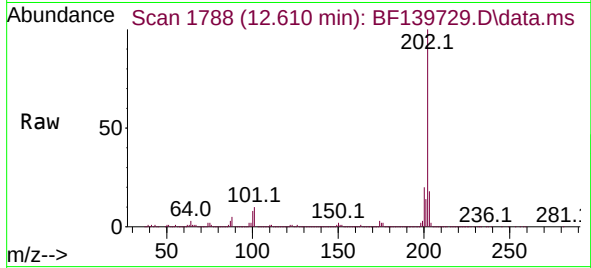




#75
Fluoranthene
Concen: 66.371 ng
RT: 12.610 min Scan# 1788
Delta R.T. 0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

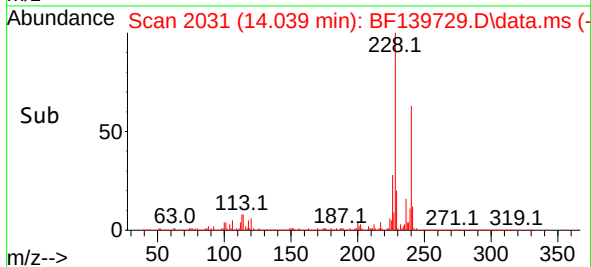
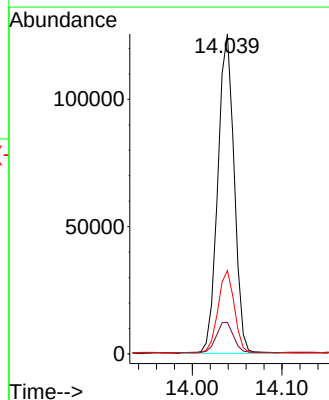
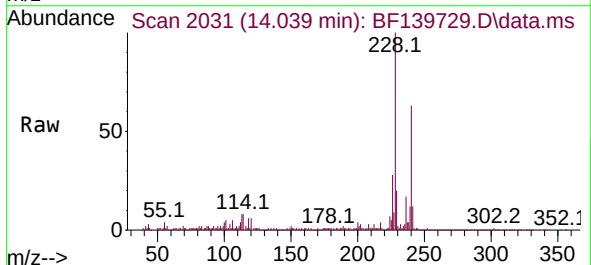
Instrument :
BNA_F
ClientSampleId :
IB-6MSD

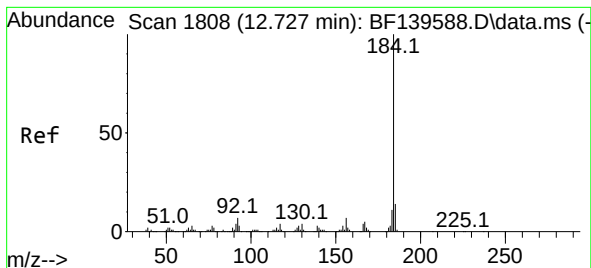
Tgt Ion:202 Resp: 777564
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139729.D
Acq: 09 Oct 2024 18:27

Tgt Ion:240 Resp: 158691
Ion Ratio Lower Upper
240 100
120 9.9 8.4 12.6
236 26.0 20.3 30.5





#77

Benzidine

Concen: 66.904 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

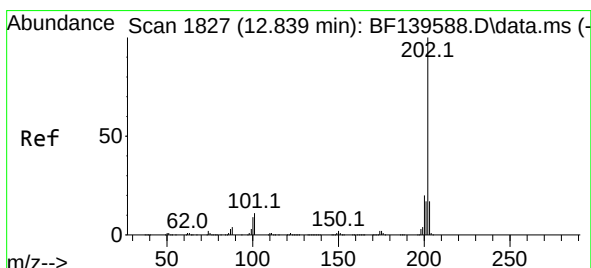
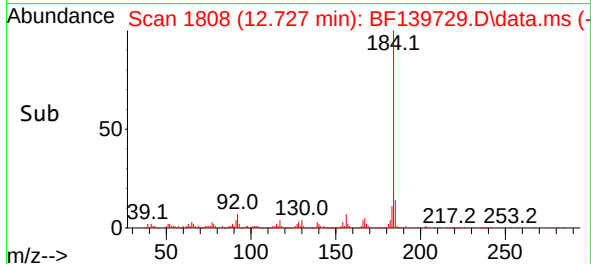
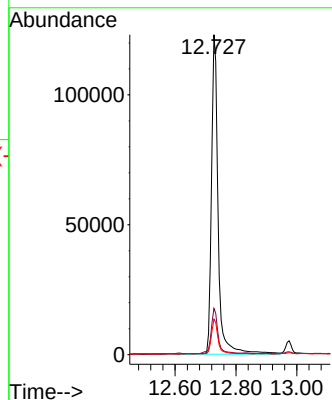
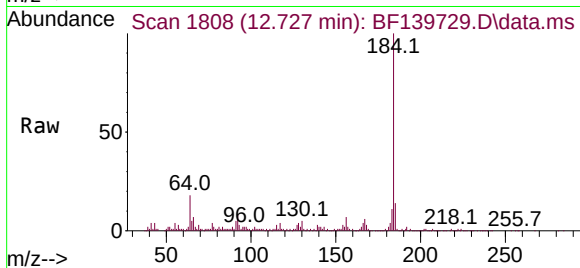
Tgt Ion:184 Resp: 187271

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.0

183 11.1 8.8 13.2



#78

Pyrene

Concen: 56.450 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

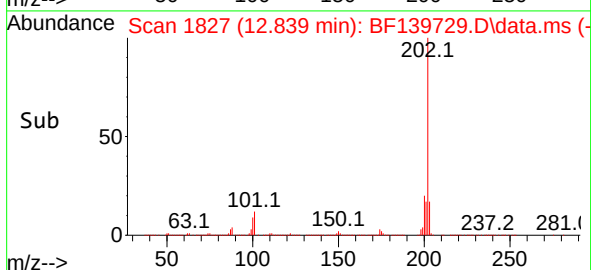
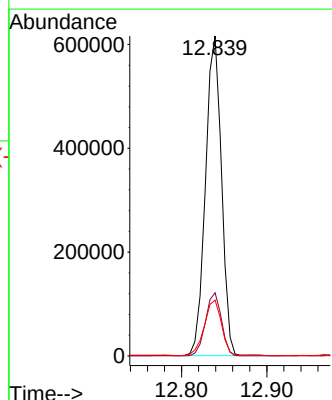
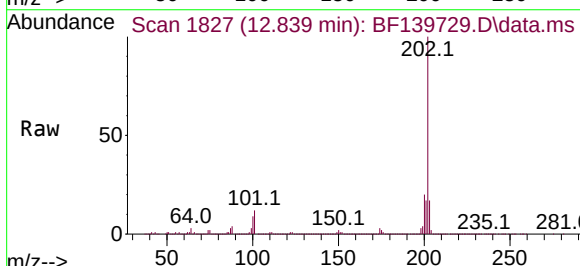
Tgt Ion:202 Resp: 801201

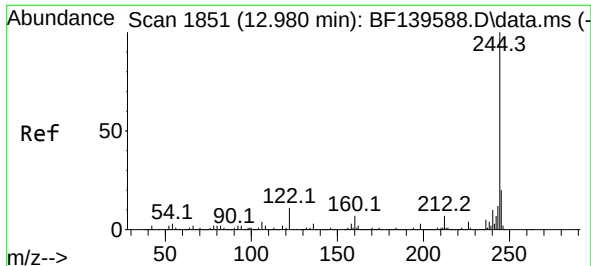
Ion Ratio Lower Upper

202 100

200 19.8 15.8 23.6

203 17.5 13.8 20.8

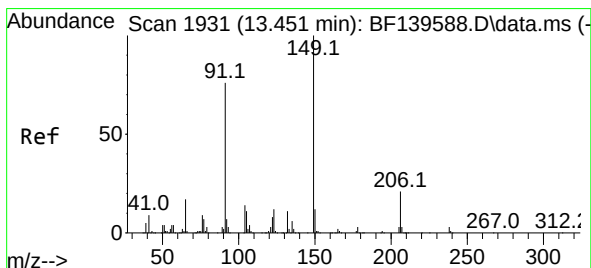
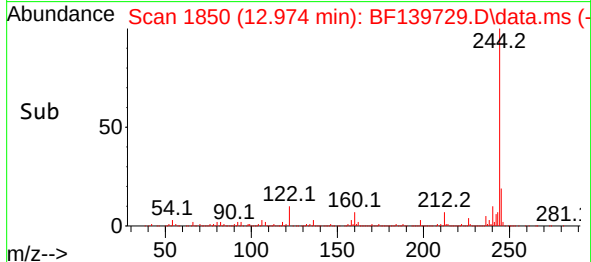
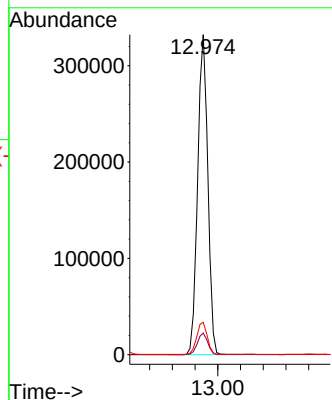
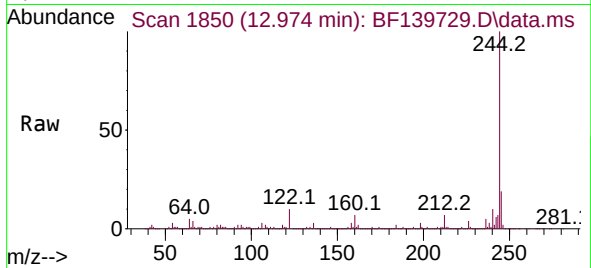




#79
 Terphenyl-d14
 Concen: 42.951 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139729.D
 Acq: 09 Oct 2024 18:27

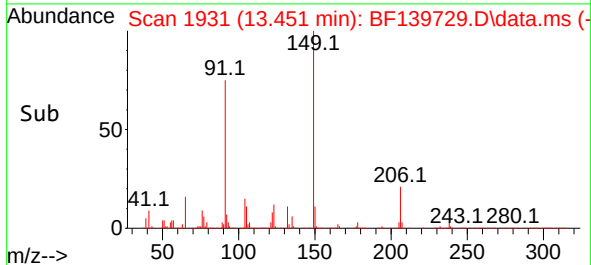
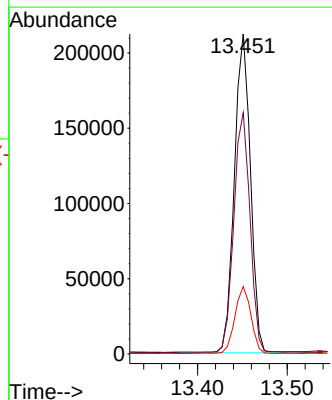
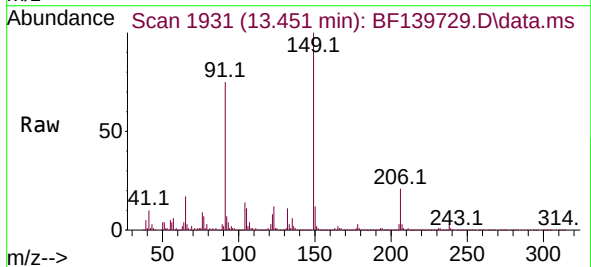
Instrument :
 BNA_F
 ClientSampleId :
 IB-6MSD

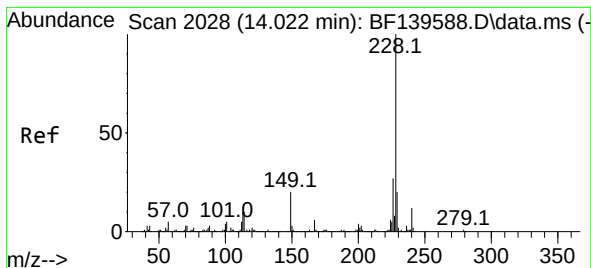
Tgt Ion:244 Resp: 415397
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 10.1 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 51.871 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.000 min
 Lab File: BF139729.D
 Acq: 09 Oct 2024 18:27

Tgt Ion:149 Resp: 263339
 Ion Ratio Lower Upper
 149 100
 91 75.4 61.0 91.4
 206 21.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 64.936 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

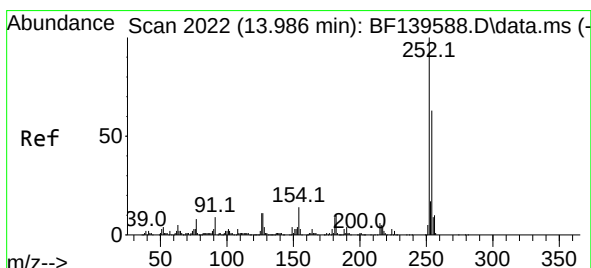
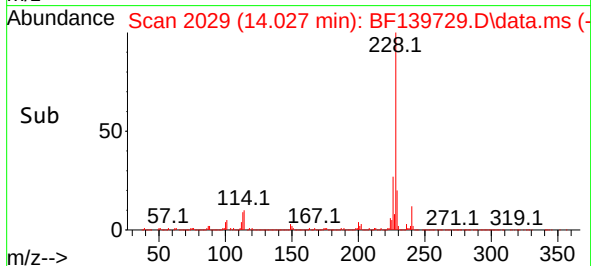
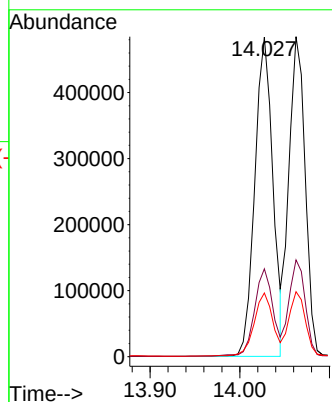
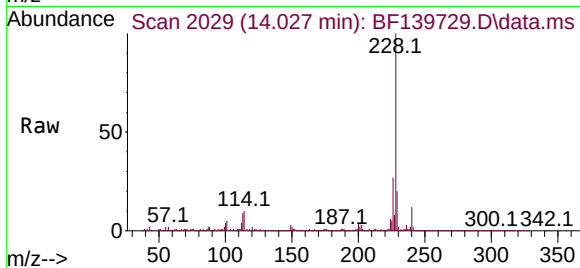
Tgt Ion:228 Resp: 677498

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 49.919 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

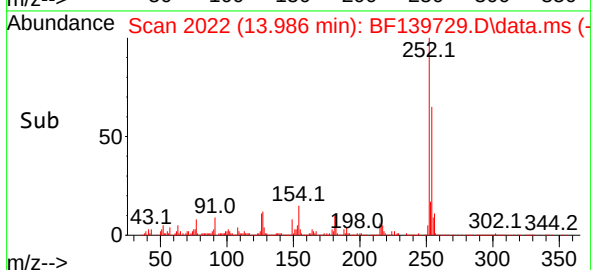
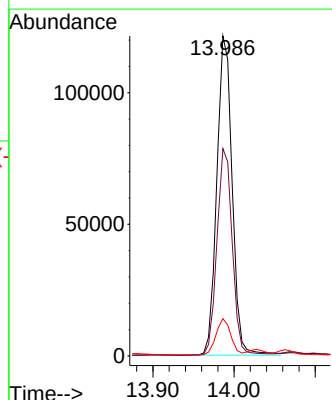
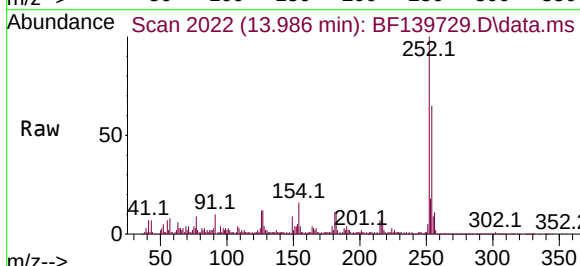
Tgt Ion:252 Resp: 159395

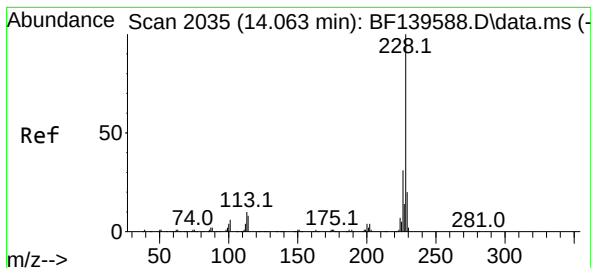
Ion Ratio Lower Upper

252 100

254 64.8 50.5 75.7

126 11.6 8.8 13.2





#83

Chrysene

Concen: 63.570 ng

RT: 14.063 min Scan# 2035

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

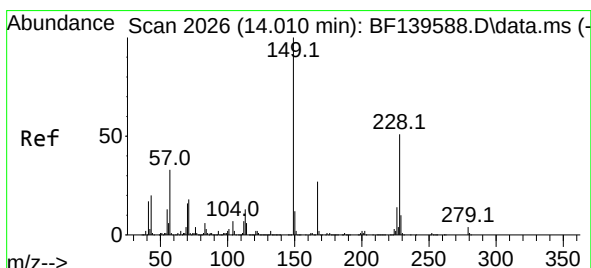
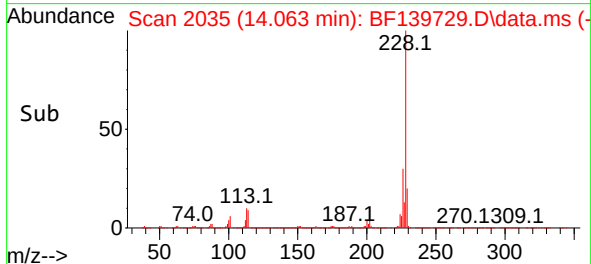
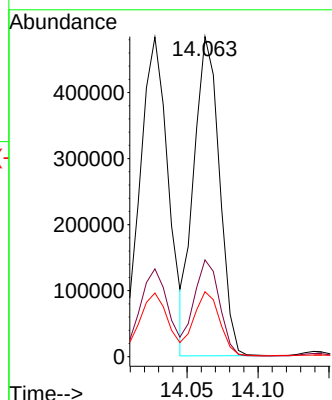
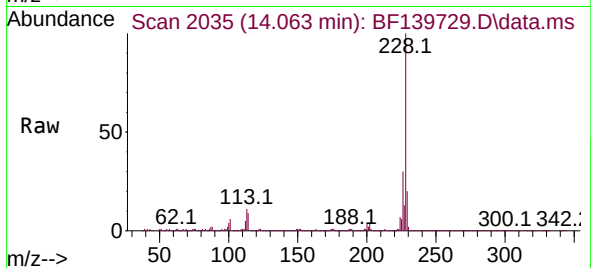
Tgt Ion:228 Resp: 606374

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 20.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.972 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

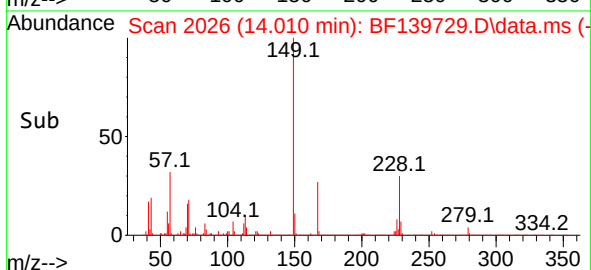
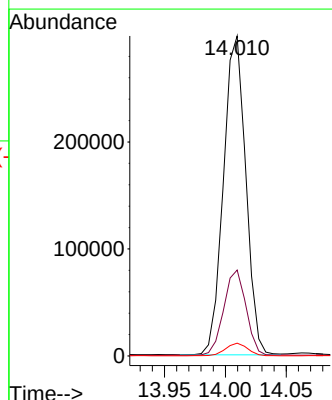
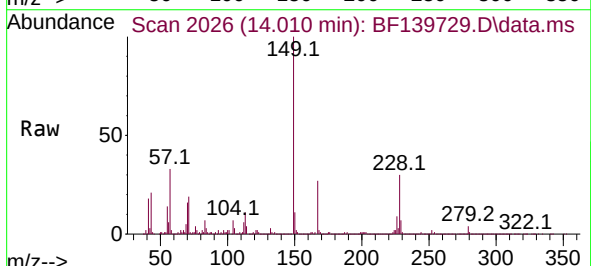
Tgt Ion:149 Resp: 380182

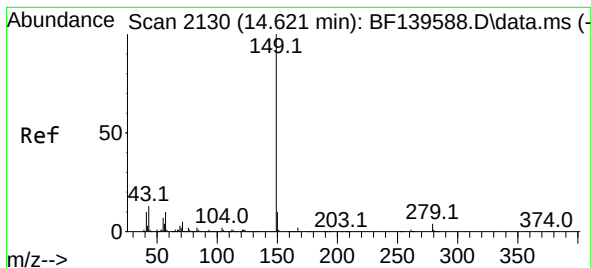
Ion Ratio Lower Upper

149 100

167 26.8 21.7 32.5

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 68.720 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

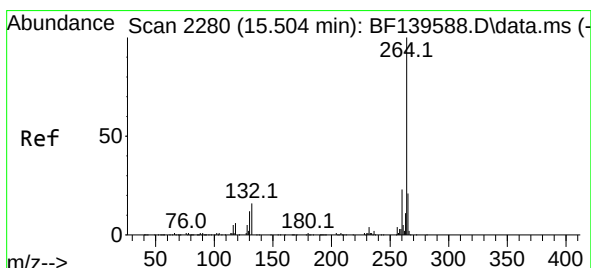
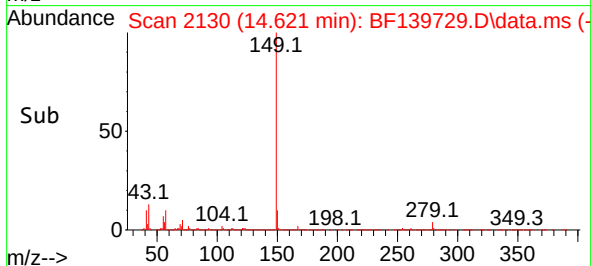
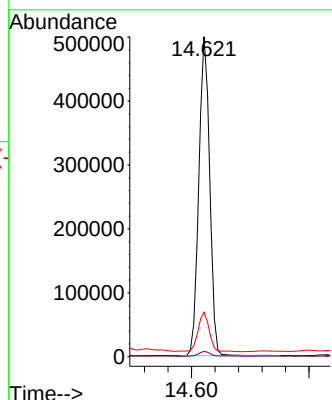
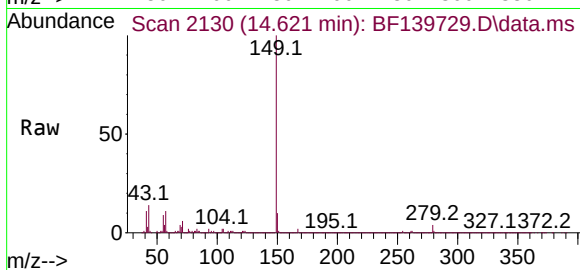
Tgt Ion:149 Resp: 640006

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.7 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

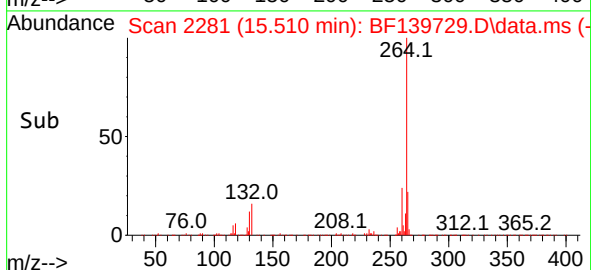
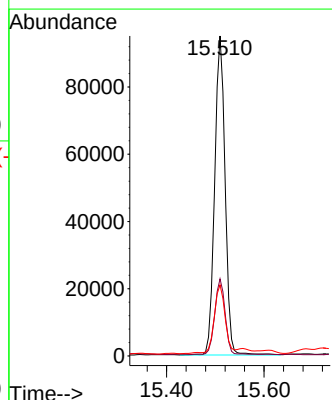
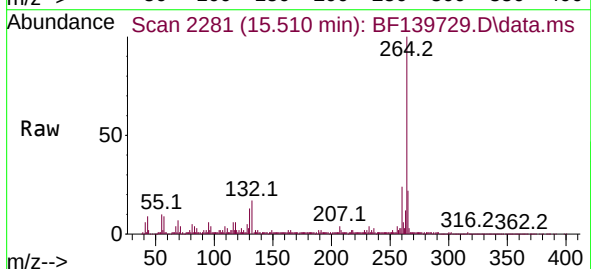
Tgt Ion:264 Resp: 140761

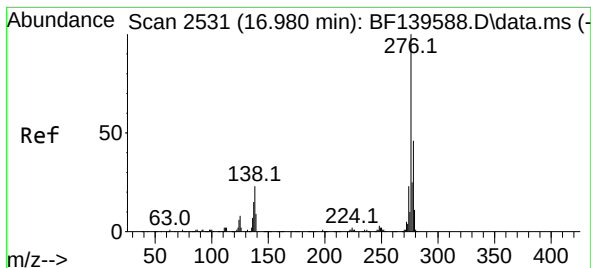
Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 22.2 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.698 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

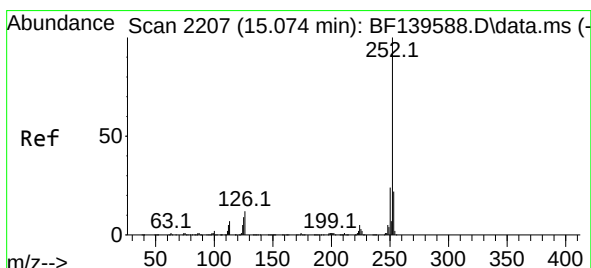
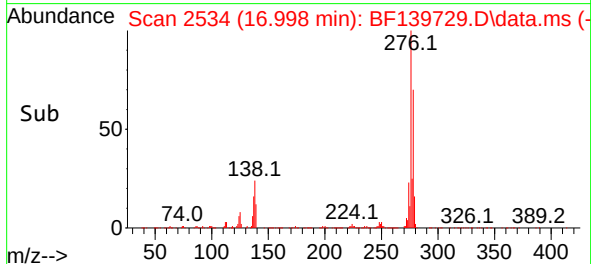
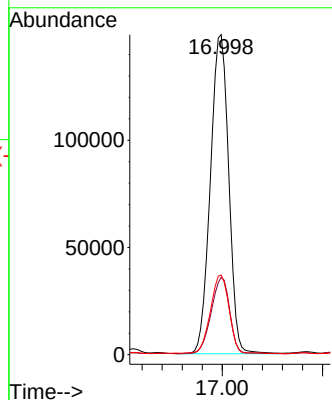
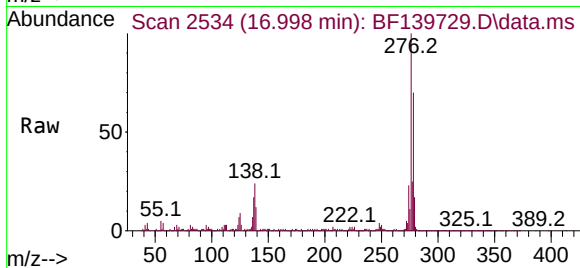
Tgt Ion:276 Resp: 378604

Ion Ratio Lower Upper

276 100

138 24.2 19.4 29.0

277 24.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 69.719 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

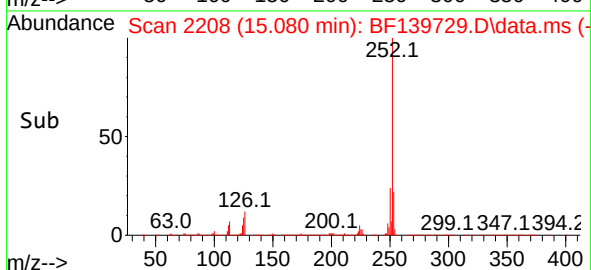
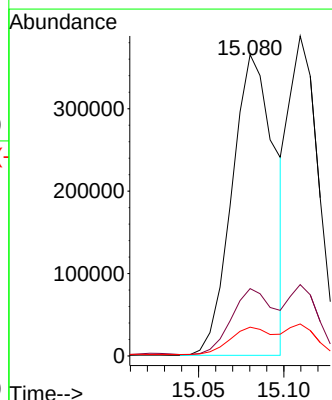
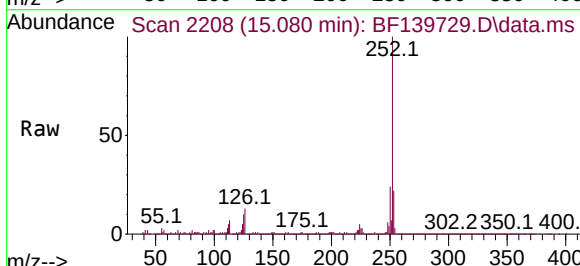
Tgt Ion:252 Resp: 634537

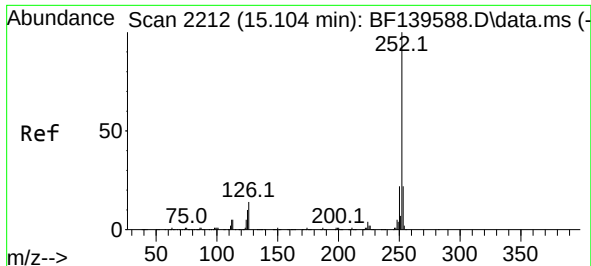
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 60.257 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

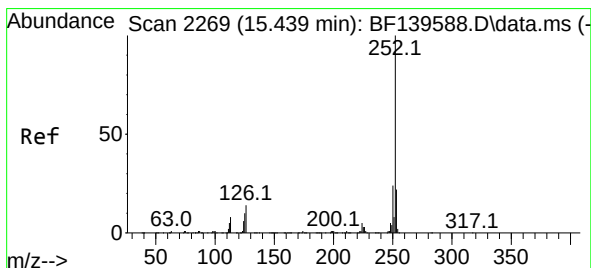
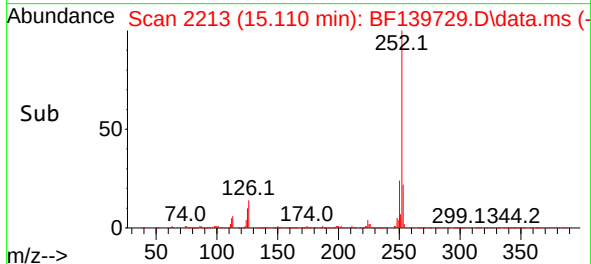
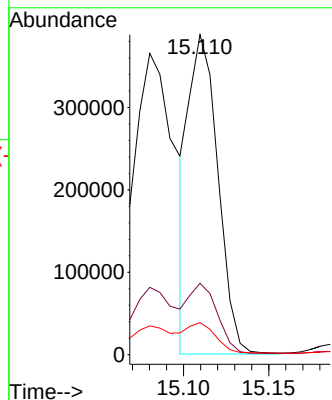
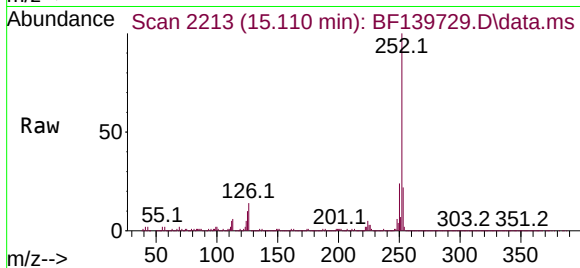
Tgt Ion:252 Resp: 465210

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 10.0 7.6 11.4



#90

Benzo(a)pyrene

Concen: 67.951 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

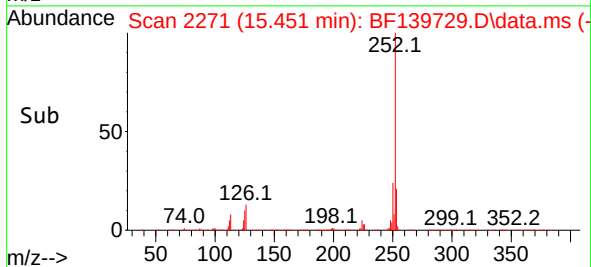
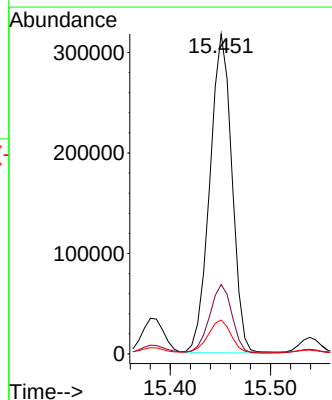
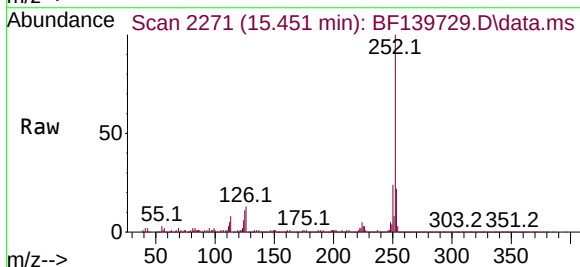
Tgt Ion:252 Resp: 487645

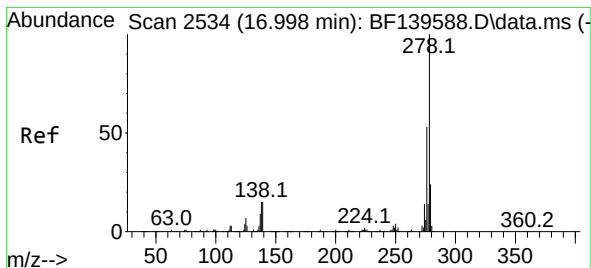
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 43.285 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Instrument :

BNA_F

ClientSampleId :

IB-6MSD

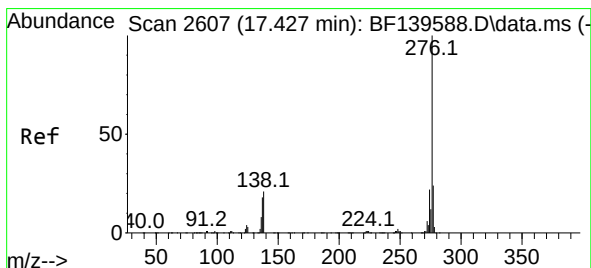
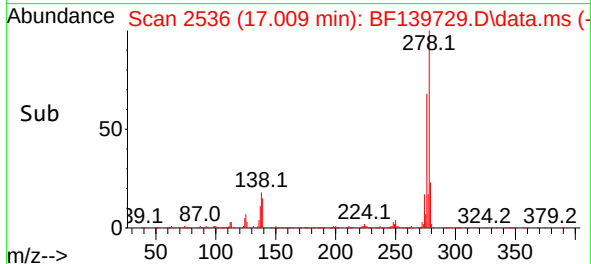
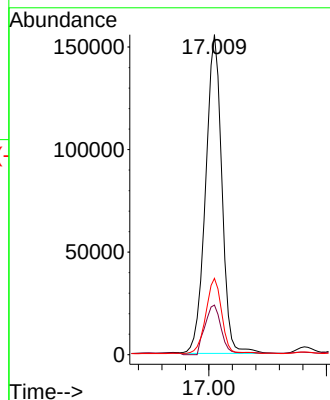
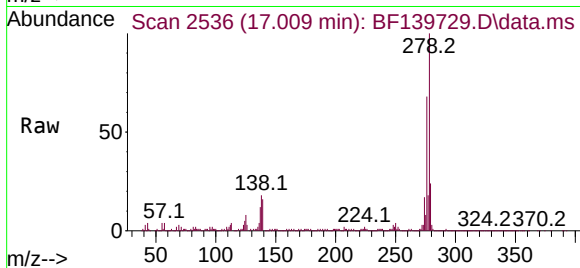
Tgt Ion:278 Resp: 297439

Ion Ratio Lower Upper

278 100

139 15.5 12.2 18.4

279 23.8 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 40.488 ng

RT: 17.439 min Scan# 2609

Delta R.T. 0.012 min

Lab File: BF139729.D

Acq: 09 Oct 2024 18:27

Tgt Ion:276 Resp: 279027

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 21.3 17.0 25.6

