

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090324\
 Data File : BF139229.D
 Acq On : 03 Sep 2024 11:53
 Operator : RC/JU
 Sample : PB163089BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163089BSD

Quant Time: Sep 04 01:55:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 15:46:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125366	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	471798	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	269629	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	468861	20.000	ng	0.00
76) Chrysene-d12	14.051	240	241855	20.000	ng	0.00
86) Perylene-d12	15.521	264	213367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	933937	119.422	ng	0.01
7) Phenol-d6	6.522	99	1214771	117.094	ng	0.00
23) Nitrobenzene-d5	7.457	82	824709	84.028	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	340252	125.804	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1348646	77.881	ng	0.00
79) Terphenyl-d14	12.998	244	1445296	86.139	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	104653	30.596	ng	100
3) Pyridine	3.499	79	269437	30.966	ng	99
4) n-Nitrosodimethylamine	3.463	42	214932	45.704	ng	99
6) Aniline	6.551	93	235663	24.662	ng	# 79
8) 2-Chlorophenol	6.675	128	357810	45.533	ng	99
9) Benzaldehyde	6.440	77	62161	9.396	ng	100
10) Phenol	6.540	94	468184	43.160	ng	92
11) bis(2-Chloroethyl)ether	6.628	93	363898	45.483	ng	100
12) 1,3-Dichlorobenzene	6.828	146	387226	41.627	ng	99
13) 1,4-Dichlorobenzene	6.910	146	391168	41.618	ng	100
14) 1,2-Dichlorobenzene	7.057	146	377257	42.880	ng	99
15) Benzyl Alcohol	7.034	79	368321	45.589	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	512579	45.103	ng	99
17) 2-Methylphenol	7.140	107	295843	44.584	ng	98
18) Hexachloroethane	7.404	117	139992	43.005	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	287960	44.609	ng	100
20) 3+4-Methylphenols	7.298	107	369764	42.996	ng	96
22) Acetophenone	7.298	105	482969	40.239	ng	95
24) Nitrobenzene	7.475	77	433021	42.188	ng	99
25) Isophorone	7.710	82	765409	44.997	ng	99
26) 2-Nitrophenol	7.787	139	177093	48.198	ng	98
27) 2,4-Dimethylphenol	7.822	122	253694	47.061	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	430999	43.518	ng	99
29) 2,4-Dichlorophenol	8.028	162	298487	43.043	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	329822	41.446	ng	99
31) Naphthalene	8.192	128	1019615	42.147	ng	100
32) Benzoic acid	7.951	122	195153	40.753	ng	98
33) 4-Chloroaniline	8.239	127	189899	22.899	ng	99
34) Hexachlorobutadiene	8.310	225	212960	40.597	ng	99
35) Caprolactam	8.616	113	47839	23.157	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	334247	43.907	ng	100
37) 2-Methylnaphthalene	8.886	142	647902	42.508	ng	100
38) 1-Methylnaphthalene	8.986	142	599171	39.859	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	312910	39.048	ng	99
41) Hexachlorocyclopentadiene	9.034	237	272389	97.048	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	224831	44.110	ng	99

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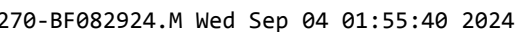
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 BNA_F
 ClientSampleId :
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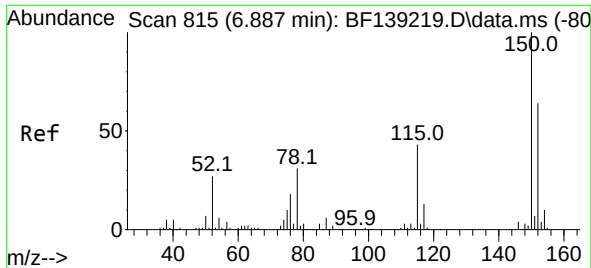
Quant Time: Sep 04 01:55:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 15:46:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	233454	42.559	ng	98
46) 1,1'-Biphenyl	9.351	154	757708	39.210	ng	99
47) 2-Chloronaphthalene	9.375	162	632293	41.220	ng	99
48) 2-Nitroaniline	9.469	65	227312	48.124	ng	97
49) Acenaphthylene	9.792	152	995012	45.633	ng	99
50) Dimethylphthalate	9.657	163	748364	44.326	ng	100
51) 2,6-Dinitrotoluene	9.716	165	165013	45.223	ng	99
52) Acenaphthene	9.963	154	680993	46.778	ng	99
53) 3-Nitroaniline	9.881	138	125500	34.916	ng	95
54) 2,4-Dinitrophenol	9.986	184	165786	84.969	ng	# 88
55) Dibenzofuran	10.133	168	899068	42.875	ng	98
56) 4-Nitrophenol	10.039	139	245973	89.499	ng	96
57) 2,4-Dinitrotoluene	10.116	165	220929	48.064	ng	99
58) Fluorene	10.480	166	701406	42.268	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	198116	45.545	ng	98
60) Diethylphthalate	10.351	149	718501	44.526	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	348921	41.906	ng	98
62) 4-Nitroaniline	10.498	138	153534	43.501	ng	96
63) Azobenzene	10.628	77	792734	44.571	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	114763	49.550	ng	99
66) n-Nitrosodiphenylamine	10.592	169	606943	43.585	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	220222	43.218	ng	96
68) Hexachlorobenzene	11.022	284	239633	42.997	ng	97
69) Atrazine	11.116	200	149813	43.253	ng	99
70) Pentachlorophenol	11.216	266	289114	81.982	ng	99
71) Phenanthrene	11.439	178	1039041	44.060	ng	100
72) Anthracene	11.492	178	1034925	44.958	ng	99
73) Carbazole	11.645	167	891911	43.915	ng	100
74) Di-n-butylphthalate	11.975	149	1034277	47.630	ng	99
75) Fluoranthene	12.627	202	1000030	43.073	ng	100
77) Benzidine	12.745	184	22107	4.625	ng	97
78) Pyrene	12.857	202	989967	42.596	ng	99
80) Butylbenzylphthalate	13.474	149	293700	54.227	ng	98
81) Benzo(a)anthracene	14.039	228	719182	45.403	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	161304	38.782	ng	99
83) Chrysene	14.074	228	672176	45.590	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	294962	50.622	ng	99
85) Di-n-octyl phthalate	14.645	149	524216	47.565	ng	99
87) Indeno(1,2,3-cd)pyrene	17.009	276	756472	50.283	ng	100
88) Benzo(b)fluoranthene	15.092	252	682293	53.390	ng	99
89) Benzo(k)fluoranthene	15.121	252	540956	48.544	ng	99
90) Benzo(a)pyrene	15.463	252	572826	53.159	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	635009	50.723	ng	100
92) Benzo(g,h,i)perylene	17.456	276	596471	47.272	ng	99

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

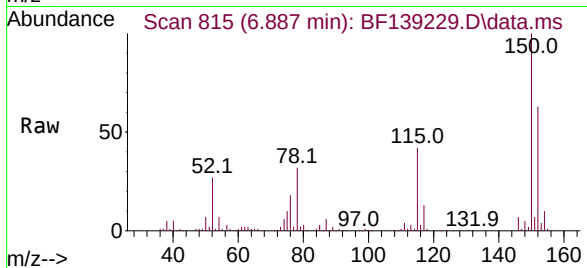
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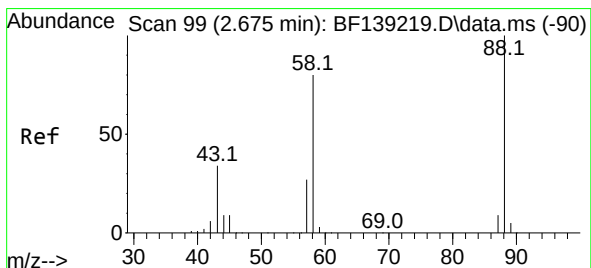
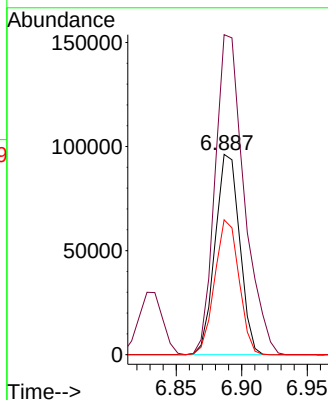
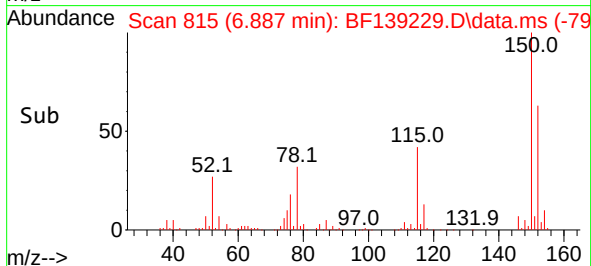


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: BF139229.D
 Acq: 03 Sep 2024 11:53

Instrument :
 BNA_F
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 PB163089BSD

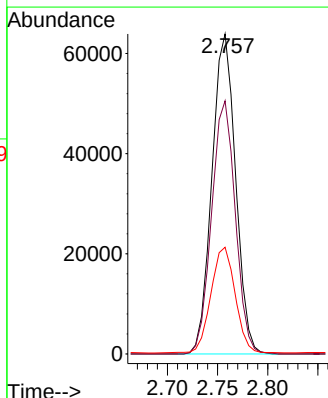
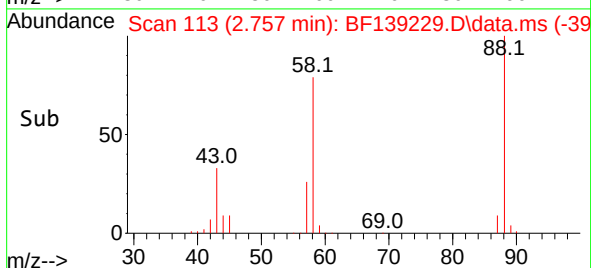
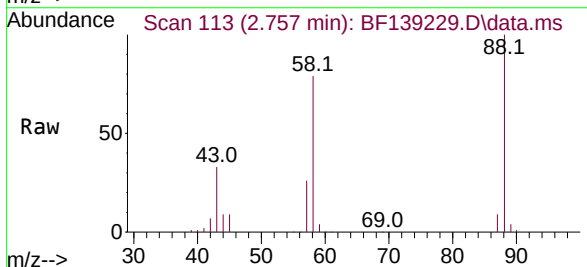


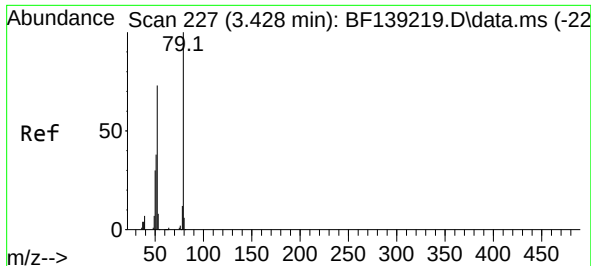
Tgt Ion:152 Resp: 125366
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.6 188.4
 115 67.4 54.2 81.4



#2
 1,4-Dioxane
 Concen: 30.596 ng
 RT: 2.757 min Scan# 113
 Delta R.T. 0.082 min
 Lab File: BF139229.D
 Acq: 03 Sep 2024 11:53

Tgt Ion: 88 Resp: 104653
 Ion Ratio Lower Upper
 88 100
 58 79.2 63.3 94.9
 43 34.0 27.1 40.7

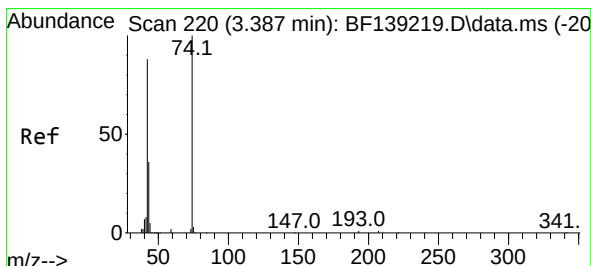
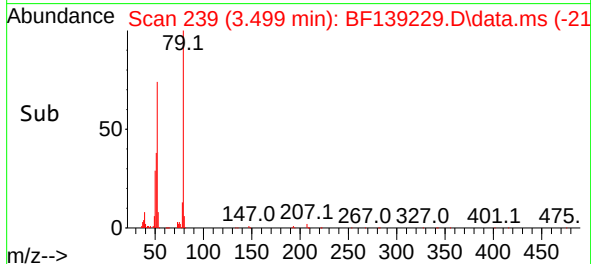
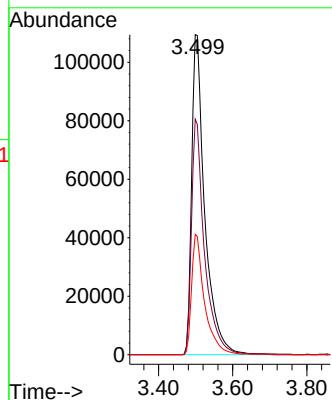
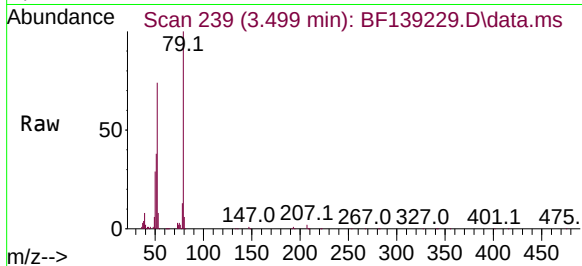




#3
Pyridine
Concen: 30.966 ng
RT: 3.499 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

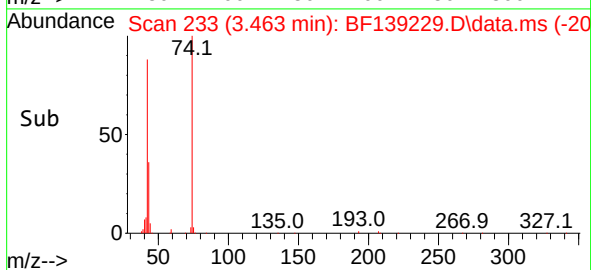
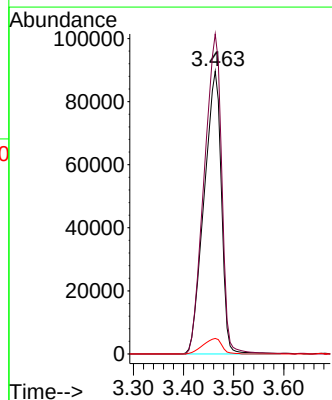
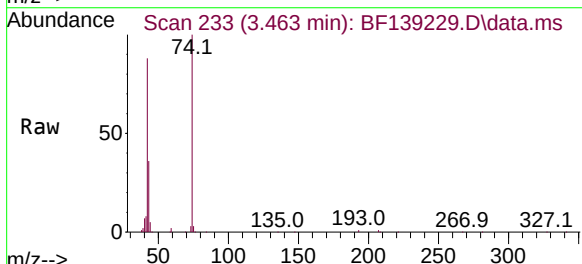
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

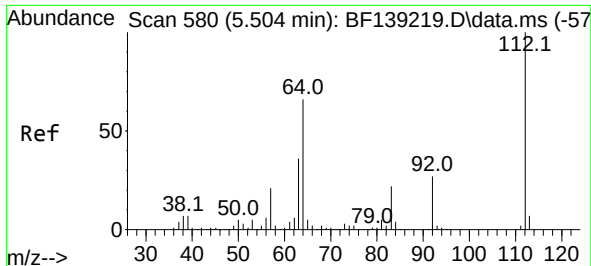
Tgt Ion: 79 Resp: 269437
Ion Ratio Lower Upper
79 100
52 73.6 58.6 87.8
51 37.6 30.6 46.0



#4
n-Nitrosodimethylamine
Concen: 45.704 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.076 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion: 42 Resp: 214932
Ion Ratio Lower Upper
42 100
74 113.2 91.4 137.0
44 5.5 4.8 7.2

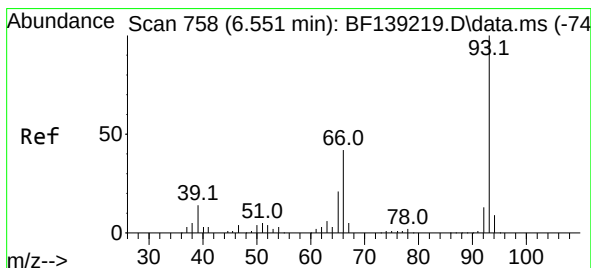
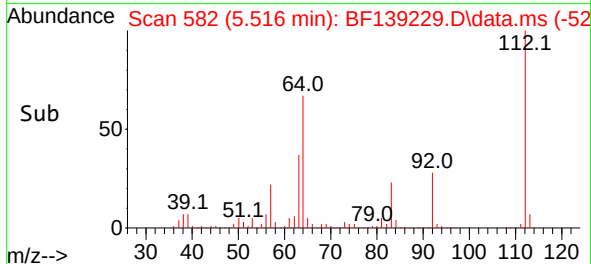
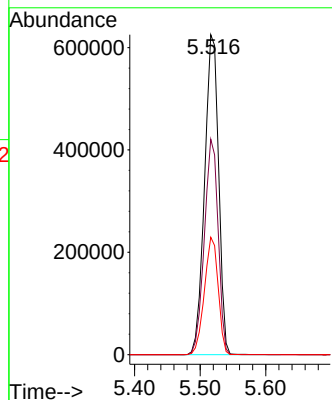
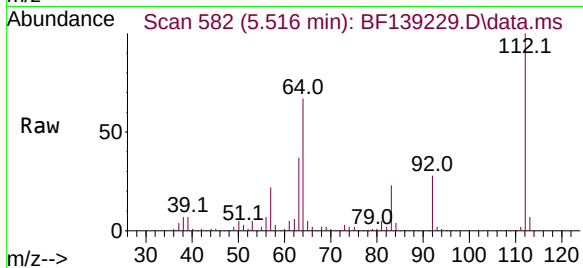




#5
2-Fluorophenol
Concen: 119.422 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

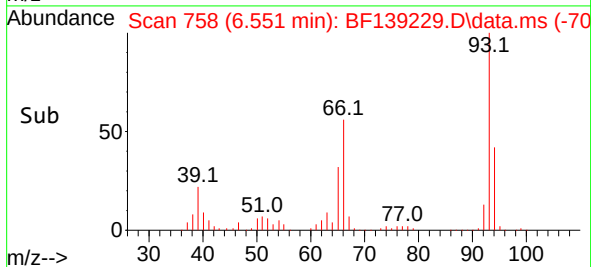
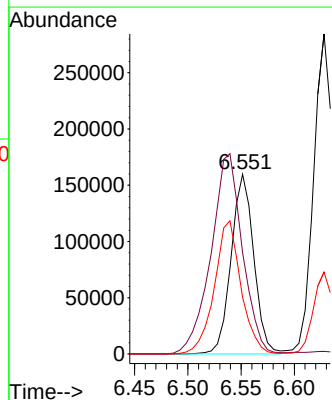
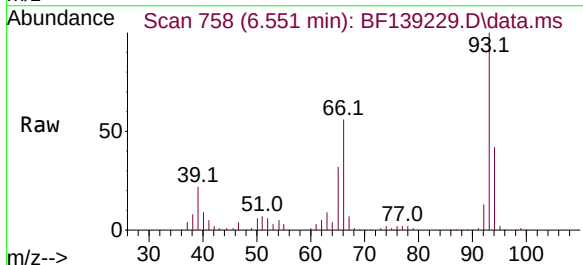
Instrument :
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ClientSampleId :
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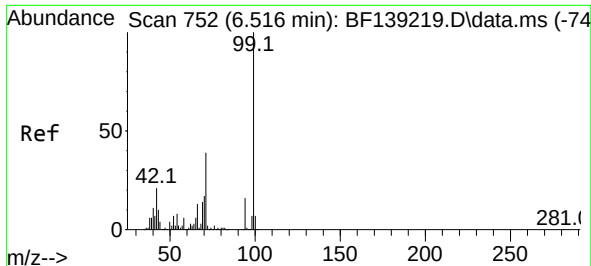
Tgt Ion:112 Resp: 933937
Ion Ratio Lower Upper
112 100
64 67.3 52.5 78.7
63 36.7 28.5 42.7



#6
Aniline
Concen: 24.662 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion: 93 Resp: 235663
Ion Ratio Lower Upper
93 100
66 56.4 34.2 51.4#
65 31.6 17.1 25.7#

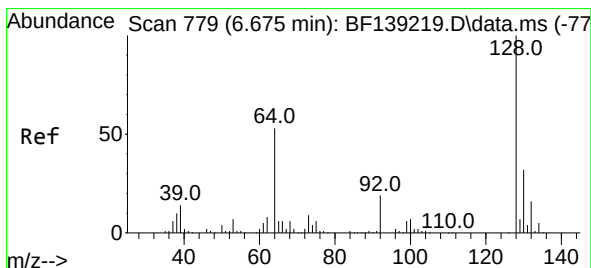
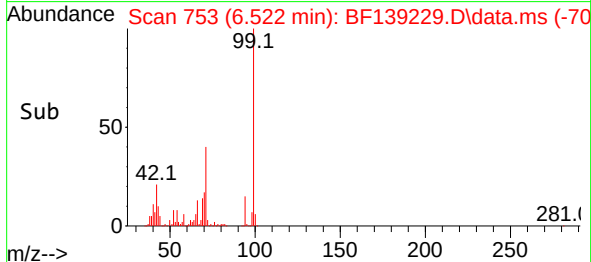
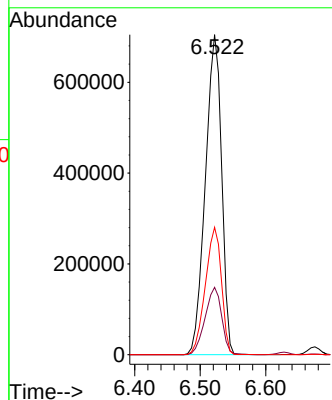
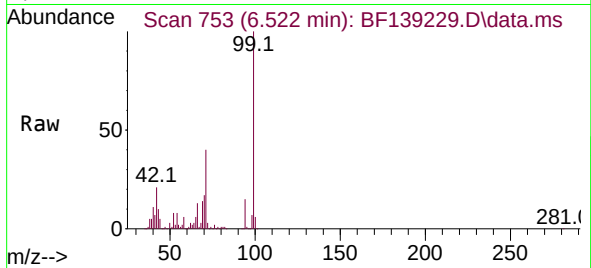




#7
Phenol-d6
Concen: 117.094 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

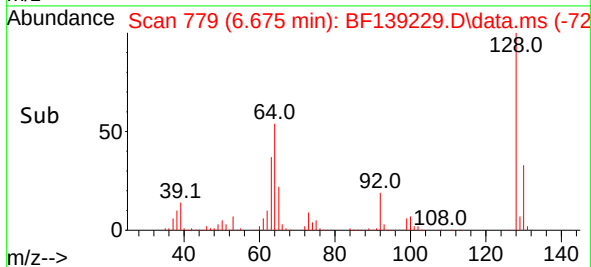
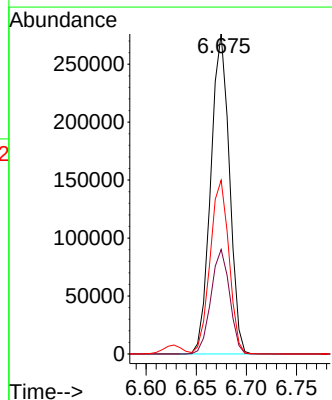
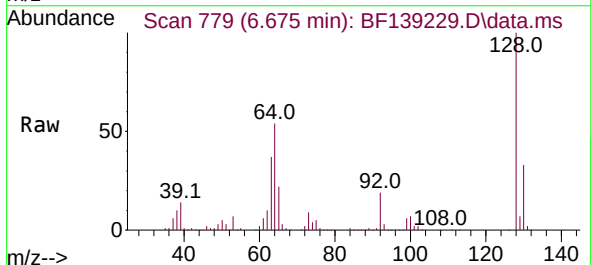
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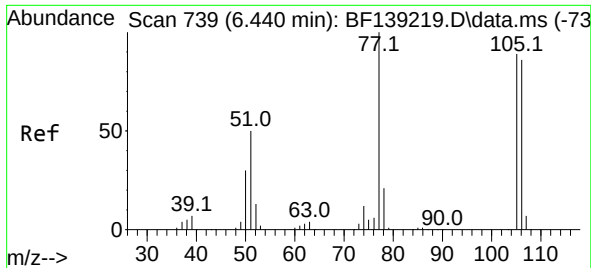
Tgt Ion: 99 Resp: 1214771
Ion Ratio Lower Upper
99 100
42 21.1 16.8 25.2
71 39.8 31.3 46.9



#8
2-Chlorophenol
Concen: 45.533 ng
RT: 6.675 min Scan# 779
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:128 Resp: 357810
Ion Ratio Lower Upper
128 100
130 32.7 12.0 52.0
64 54.3 35.5 75.5



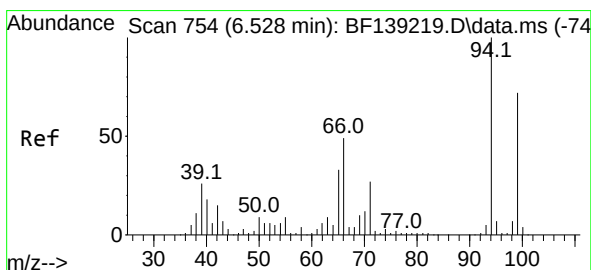
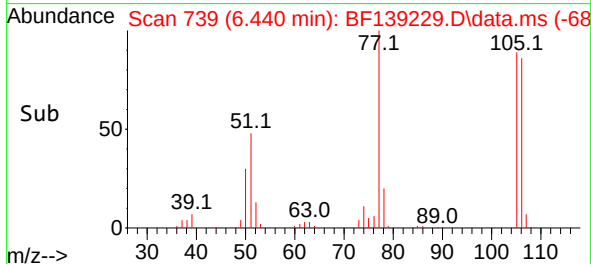
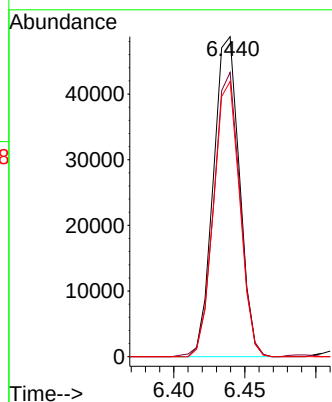
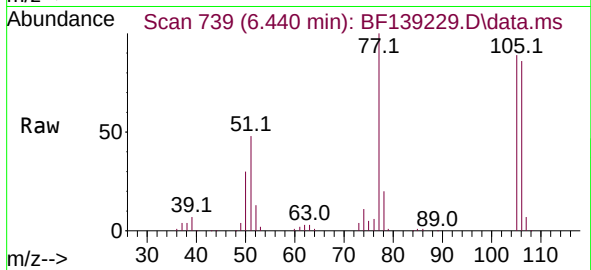


#9
Benzaldehyde
Concen: 9.396 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB163089BSD

Tgt Ion: 77 Resp: 62161

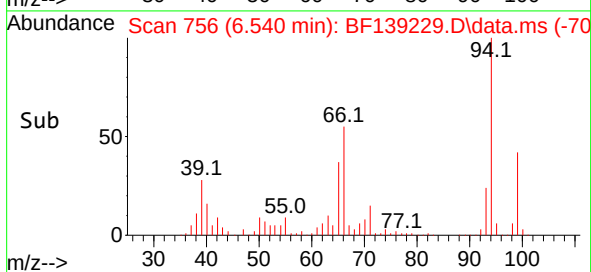
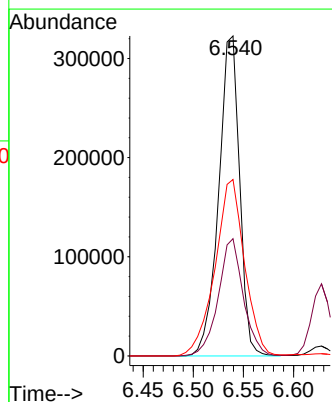
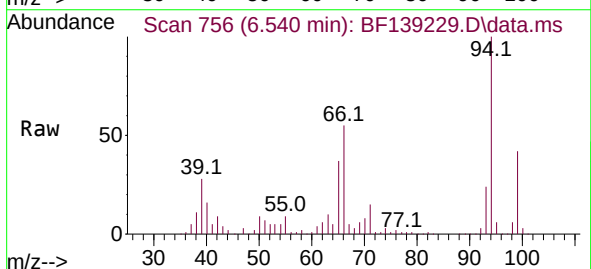
Ion	Ratio	Lower	Upper
77	100		
105	88.9	69.3	109.3
106	86.0	65.8	105.8

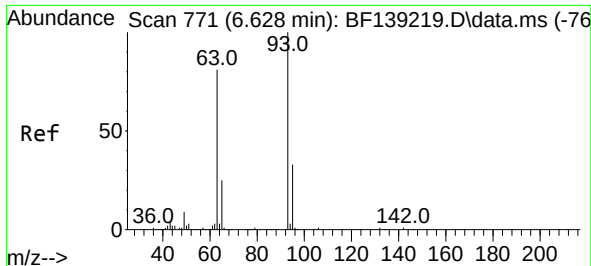


#10
Phenol
Concen: 43.160 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion: 94 Resp: 468184

Ion	Ratio	Lower	Upper
94	100		
65	36.7	12.8	52.8
66	55.2	29.3	69.3

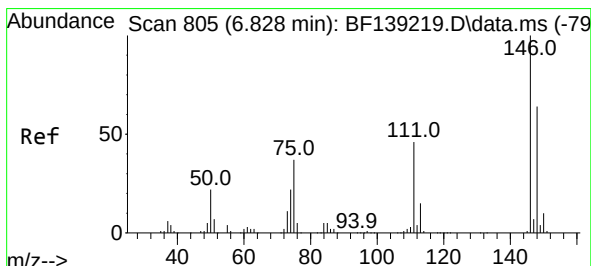
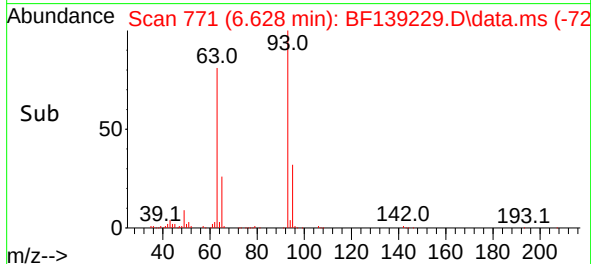
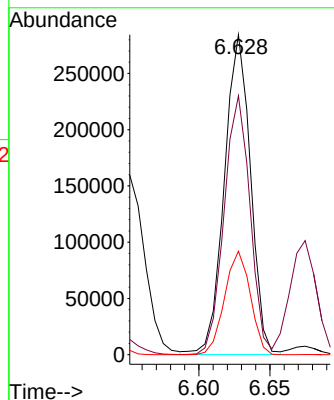
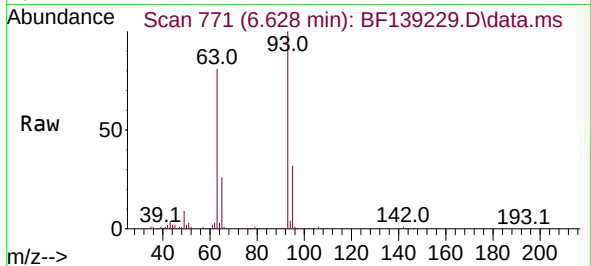




#11
bis(2-Chloroethyl)ether
Concen: 45.483 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

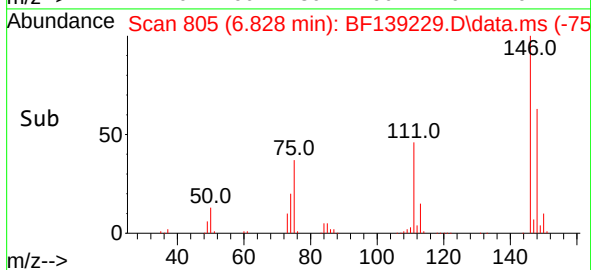
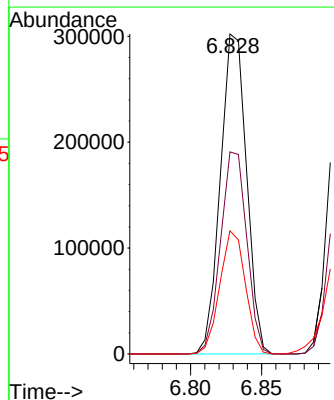
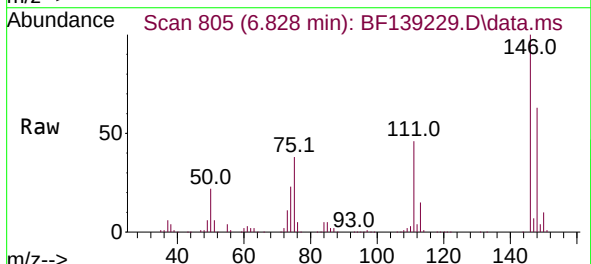
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

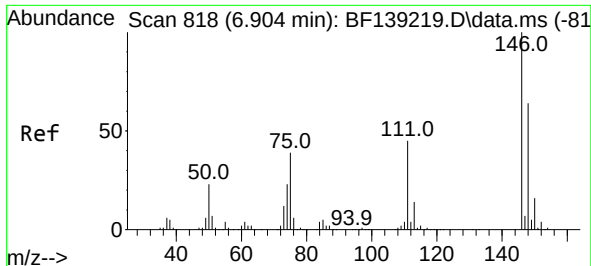
Tgt Ion: 93 Resp: 363898
Ion Ratio Lower Upper
93 100
63 80.9 60.8 100.8
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 41.627 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion: 146 Resp: 387226
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 38.5 29.4 44.0

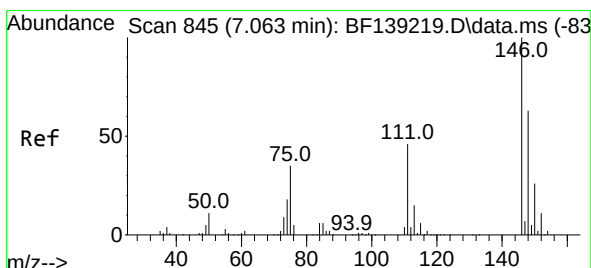
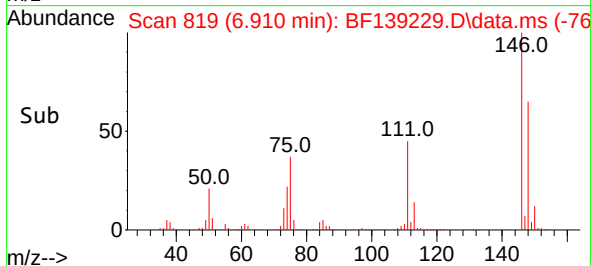
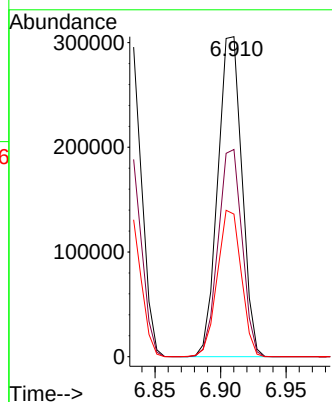
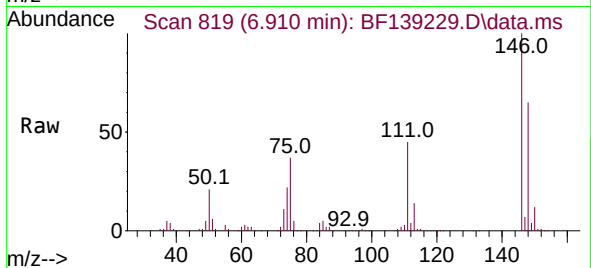




#13
1,4-Dichlorobenzene
Concen: 41.618 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

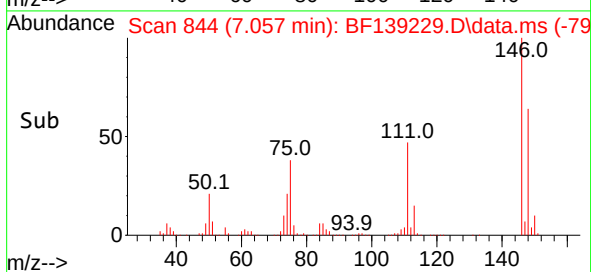
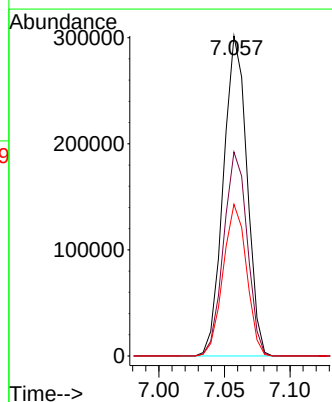
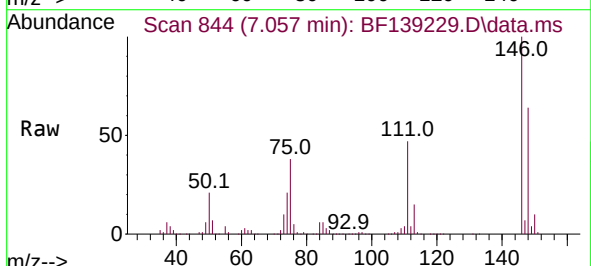
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

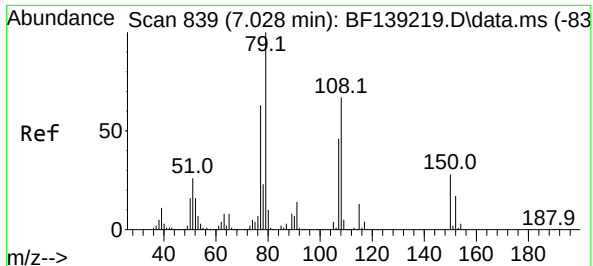
Tgt Ion:146 Resp: 391168
Ion Ratio Lower Upper
146 100
148 64.7 51.5 77.3
111 44.5 35.6 53.4



#14
1,2-Dichlorobenzene
Concen: 42.880 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:146 Resp: 377257
Ion Ratio Lower Upper
146 100
148 63.8 50.7 76.1
111 47.4 37.0 55.6

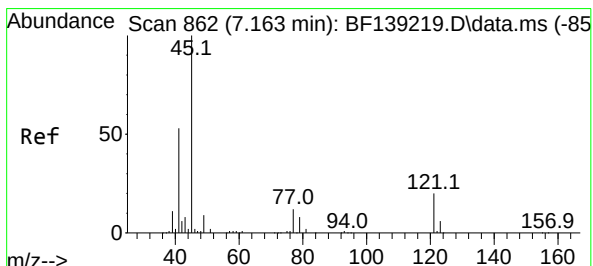
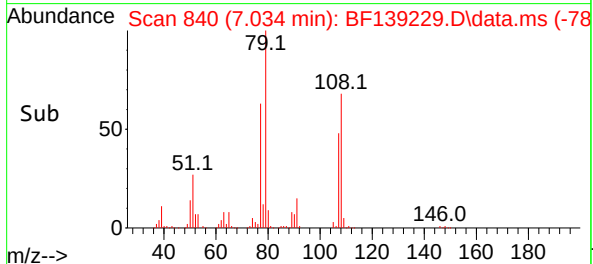
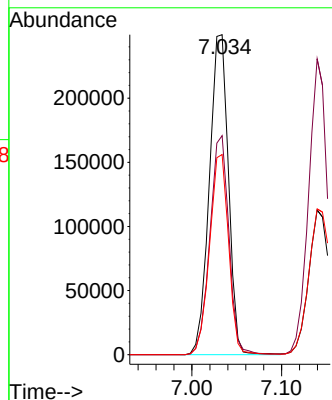
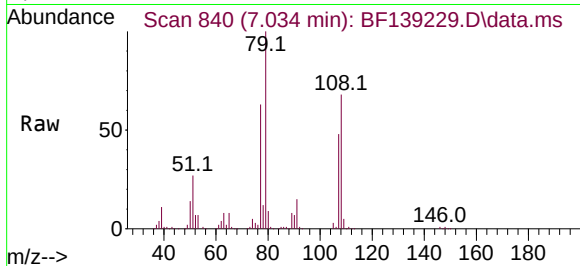




#15
Benzyl Alcohol
Concen: 45.589 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

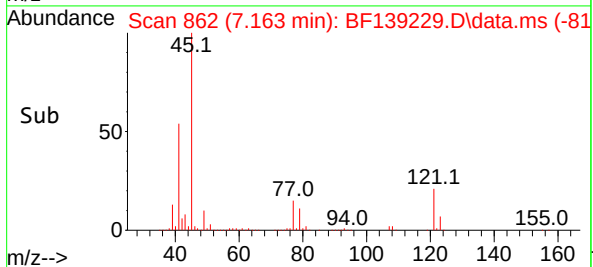
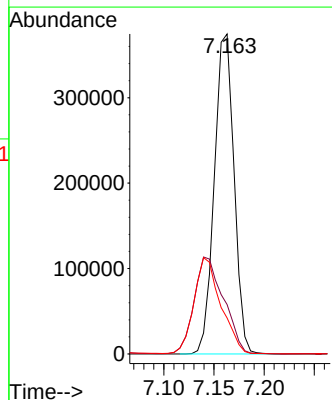
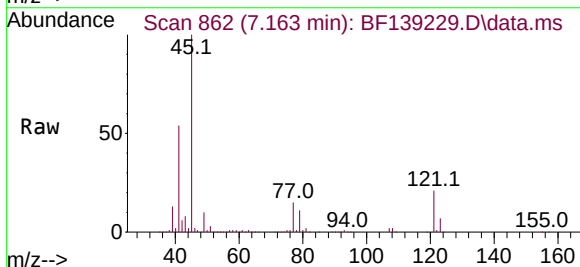
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

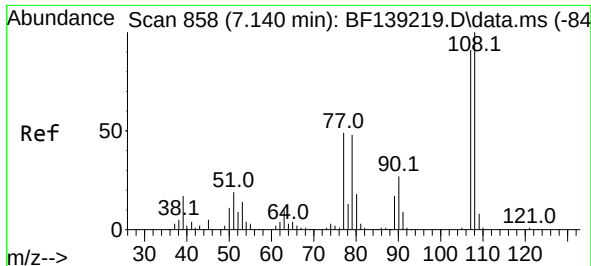
Tgt Ion: 79 Resp: 368321
Ion Ratio Lower Upper
79 100
108 68.4 53.4 80.2
77 62.5 50.4 75.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.103 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion: 45 Resp: 512579
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.7
79 11.2 0.0 31.0

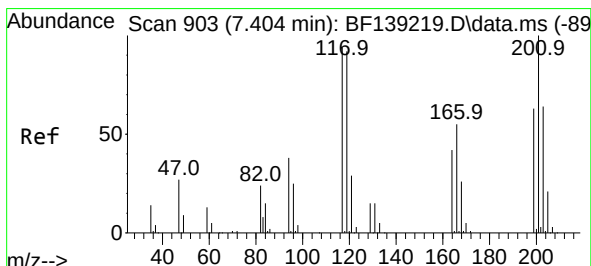
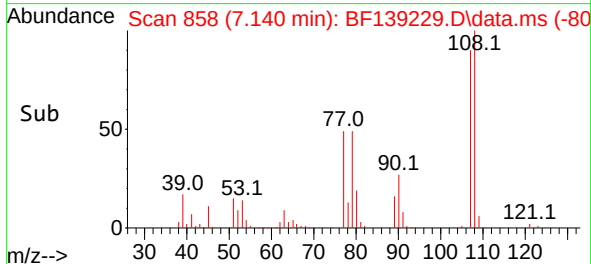
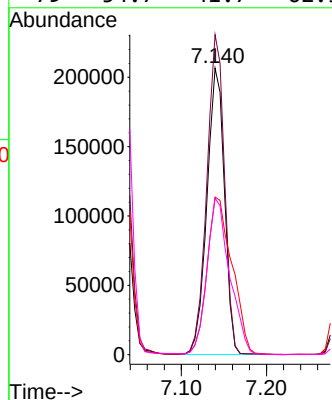
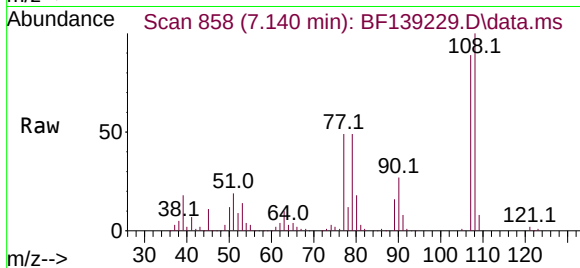




#17
2-Methylphenol
Concen: 44.584 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

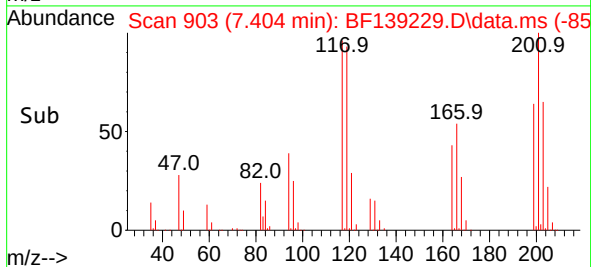
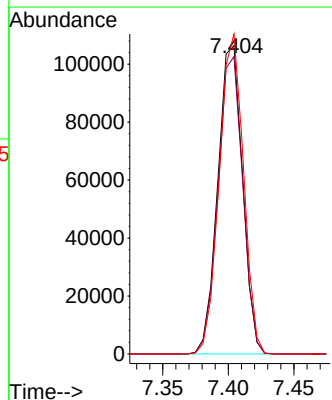
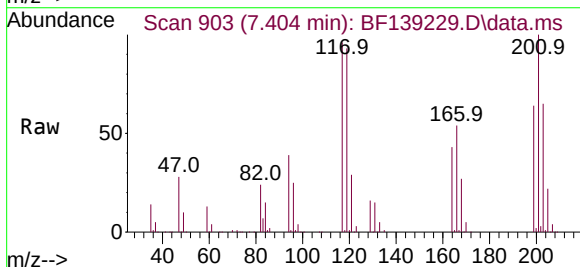
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

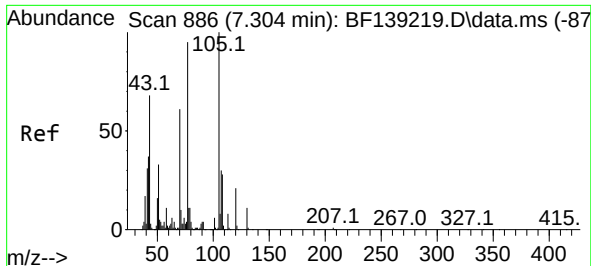
Tgt Ion:	107	Resp:	295843
Ion	Ratio	Lower	Upper
107	100		
108	111.7	87.6	131.4
77	55.0	43.2	64.8
79	54.7	41.7	62.5



#18
Hexachloroethane
Concen: 43.005 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:	117	Resp:	139992
Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.3	117.5
201	103.8	85.4	128.0



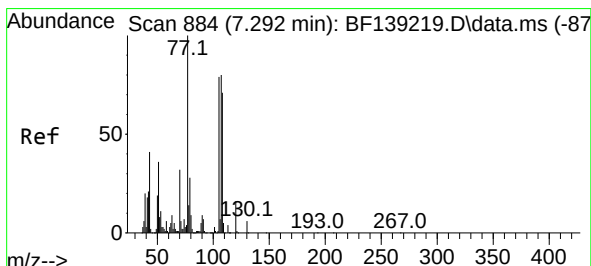
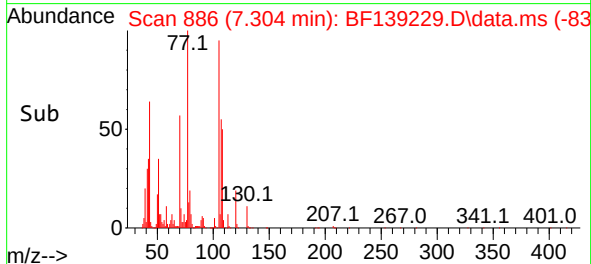
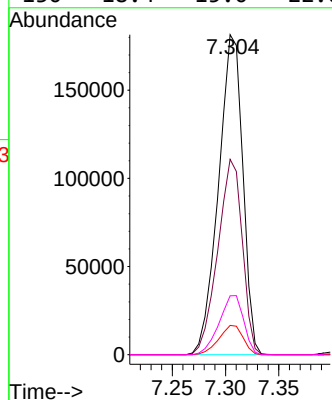
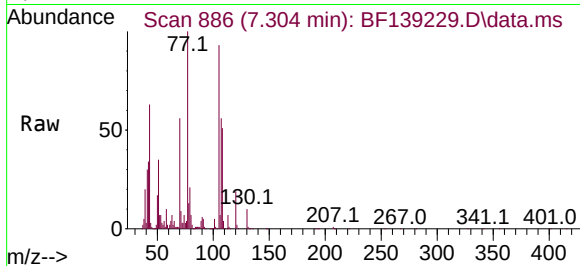


#19
n-Nitroso-di-n-propylamine
Concen: 44.609 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB163089BSD

Tgt Ion: 70 Resp: 287960

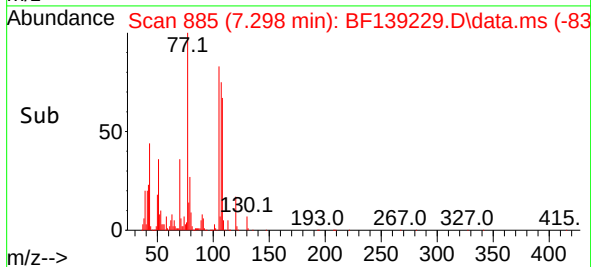
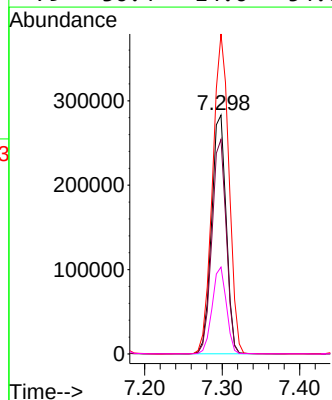
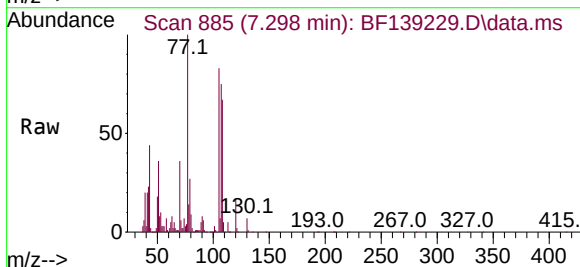
Ion	Ratio	Lower	Upper
70	100		
42	61.1	49.0	73.4
101	9.2	7.6	11.4
130	18.4	15.0	22.6

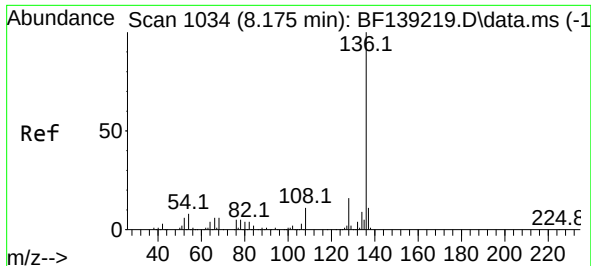


#20
3+4-Methylphenols
Concen: 42.996 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion: 107 Resp: 369764

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.2	109.2
77	133.9	105.6	145.6
79	36.4	14.6	54.6



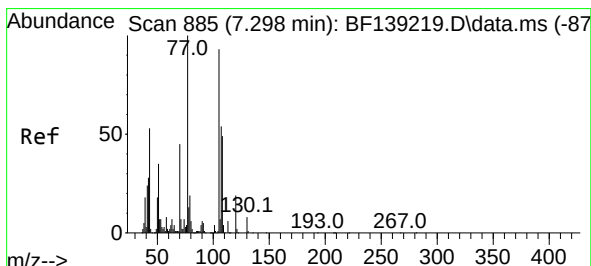
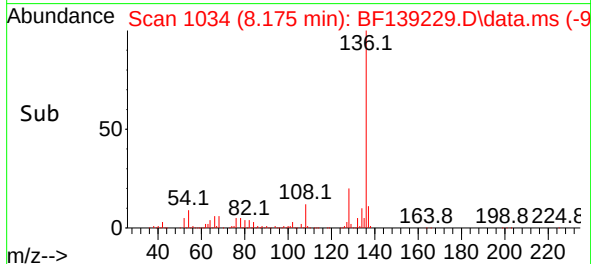
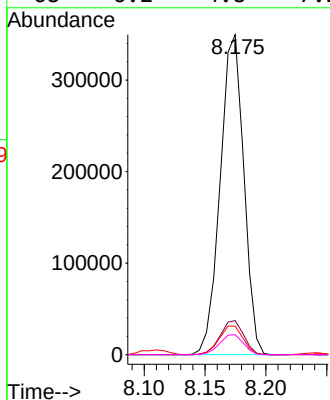
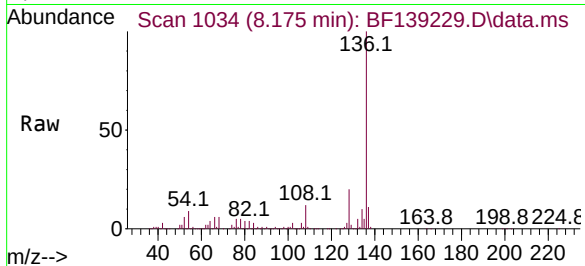


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB163089BSD

Tgt Ion:136 Resp: 471798

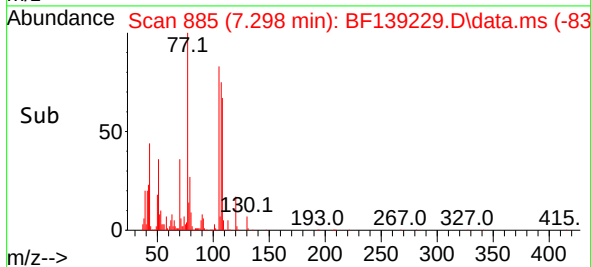
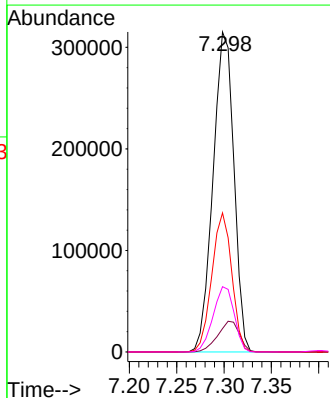
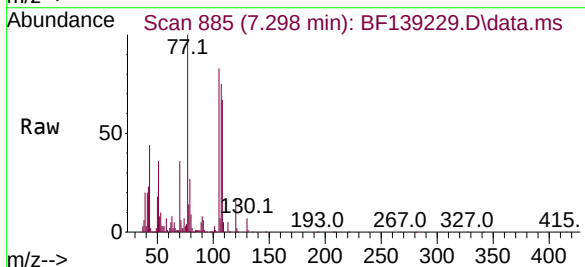
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.9	6.9	10.3
68	6.2	4.8	7.2

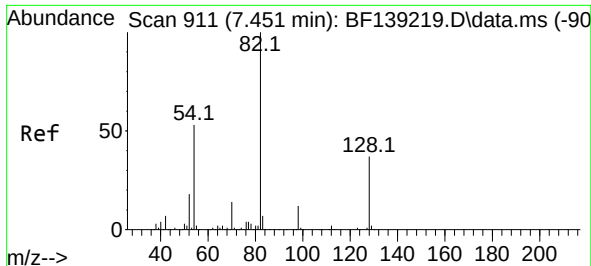


#22
Acetophenone
Concen: 40.239 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:105 Resp: 482969

Ion	Ratio	Lower	Upper
105	100		
71	7.3	6.5	9.7
51	43.5	30.7	46.1
120	20.4	16.7	25.1





#23

Nitrobenzene-d5

Concen: 84.028 ng

RT: 7.457 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

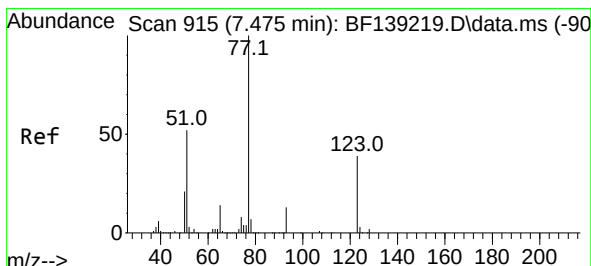
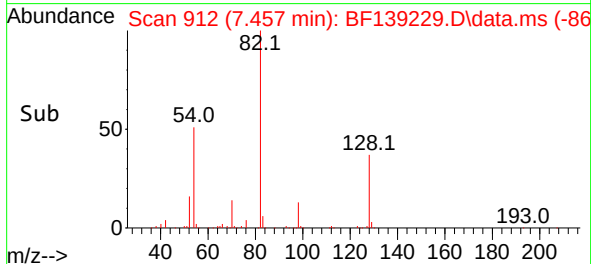
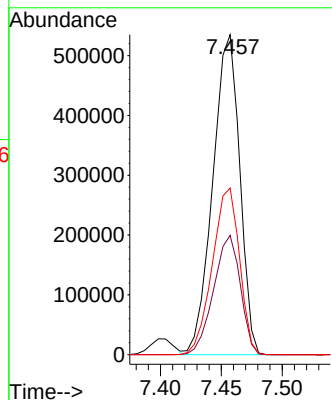
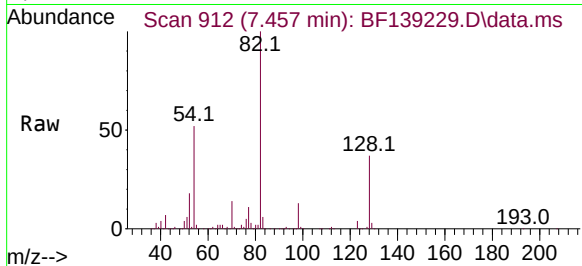
Tgt Ion: 82 Resp: 824709

Ion Ratio Lower Upper

82 100

128 37.3 29.4 44.2

54 52.1 42.4 63.6



#24

Nitrobenzene

Concen: 42.188 ng

RT: 7.475 min Scan# 915

Delta R.T. -0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

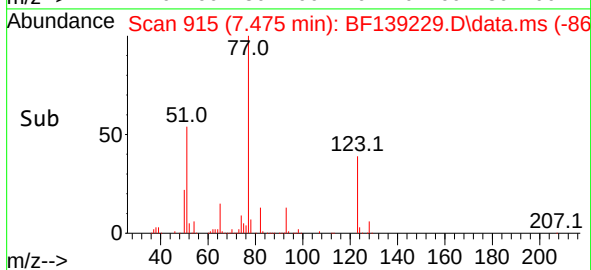
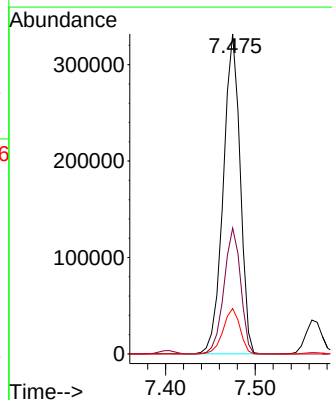
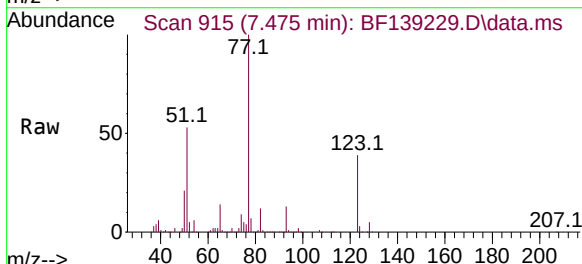
Tgt Ion: 77 Resp: 433021

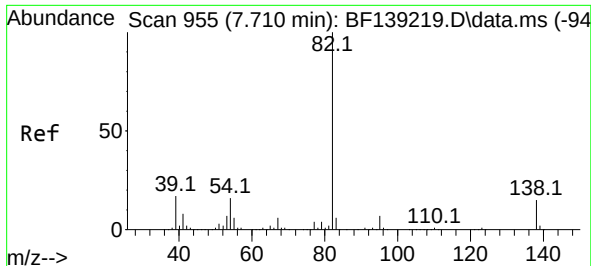
Ion Ratio Lower Upper

77 100

123 39.4 32.0 48.0

65 14.2 11.1 16.7

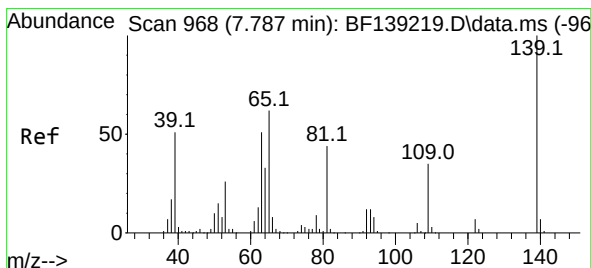
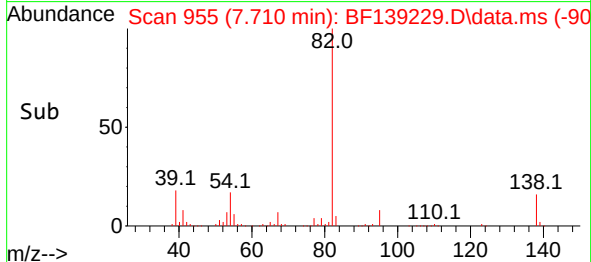
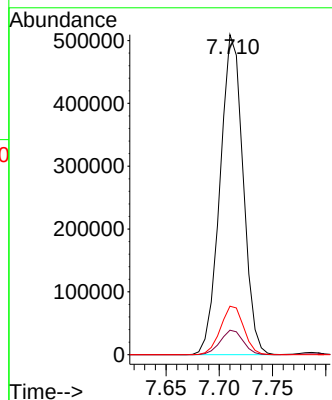
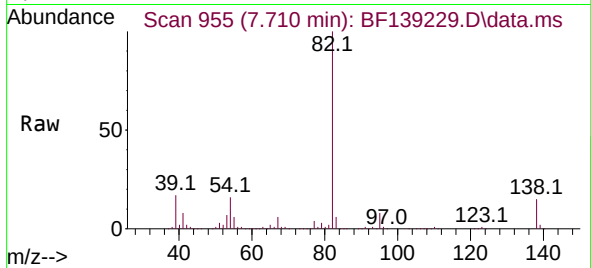




#25
Isophorone
Concen: 44.997 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

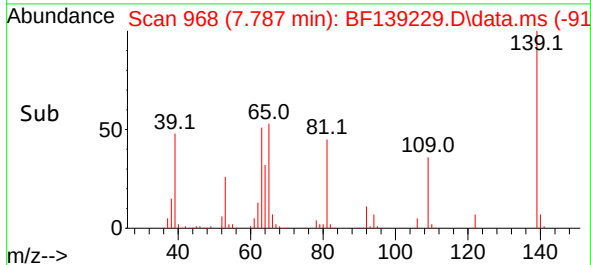
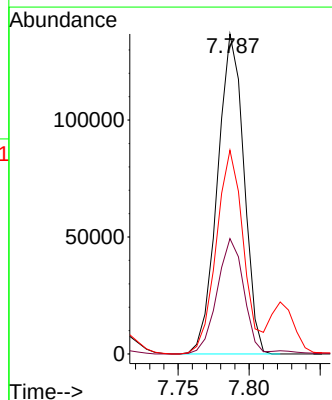
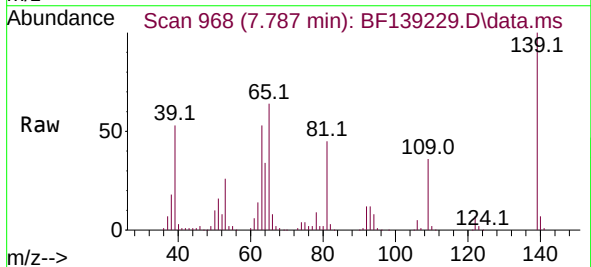
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

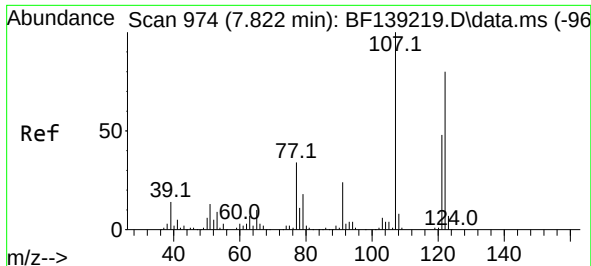
Tgt Ion: 82 Resp: 765409
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 15.2 12.3 18.5



#26
2-Nitrophenol
Concen: 48.198 ng
RT: 7.787 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:139 Resp: 177093
Ion Ratio Lower Upper
139 100
109 36.1 28.2 42.2
65 63.6 49.6 74.4





#27

2,4-Dimethylphenol

Concen: 47.061 ng

RT: 7.822 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

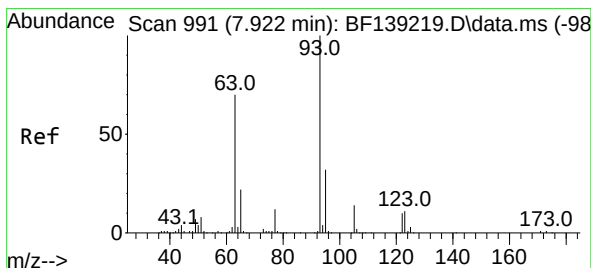
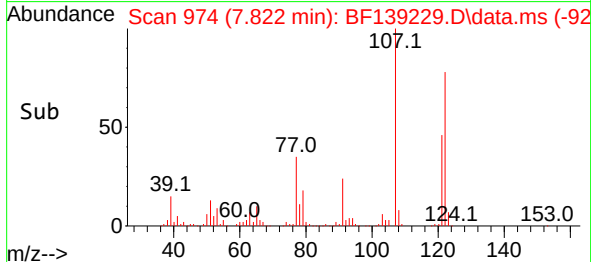
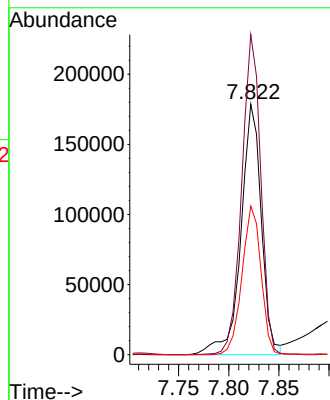
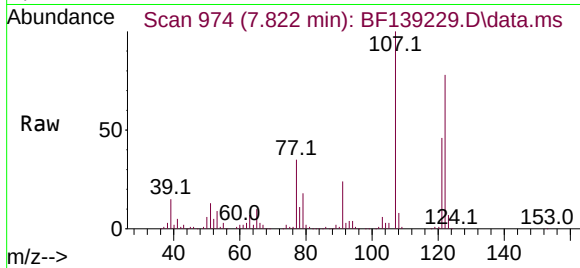
Tgt Ion:122 Resp: 253694

Ion Ratio Lower Upper

122 100

107 127.7 99.8 149.8

121 59.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.518 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

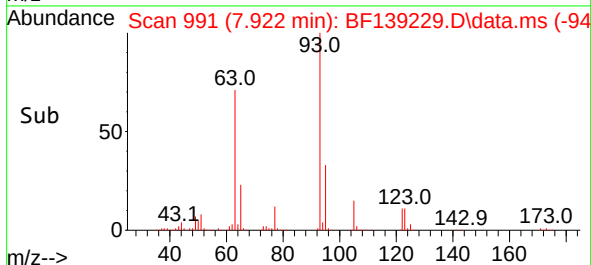
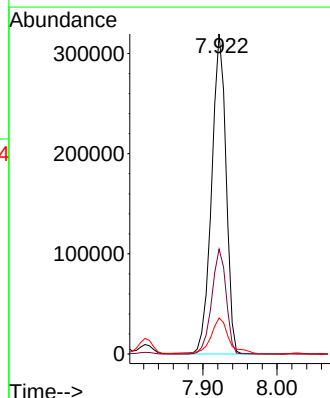
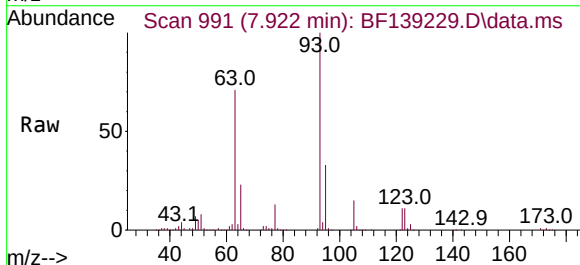
Tgt Ion: 93 Resp: 430999

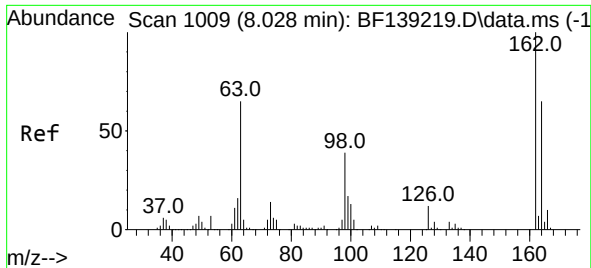
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 43.043 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

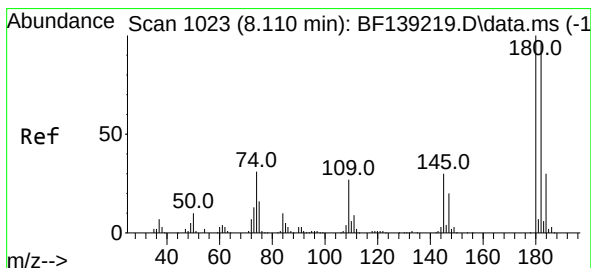
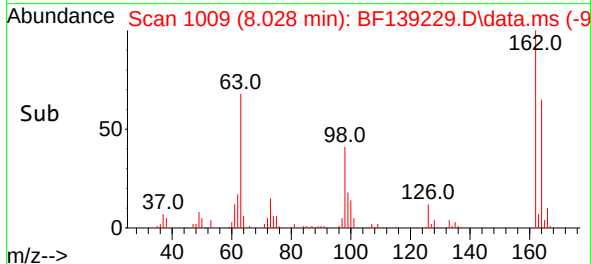
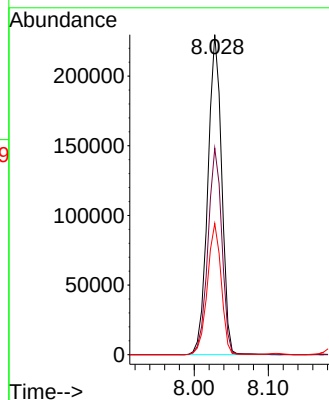
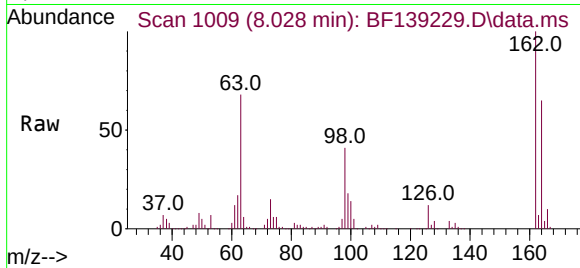
Tgt Ion:162 Resp: 298487

Ion Ratio Lower Upper

162 100

164 64.6 45.3 85.3

98 41.0 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 41.446 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

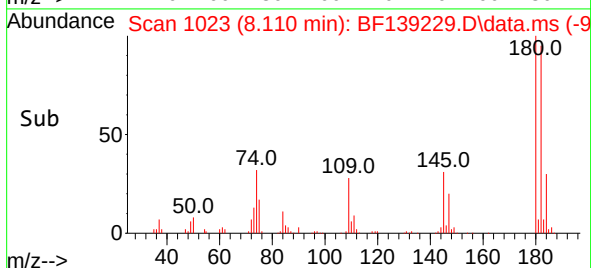
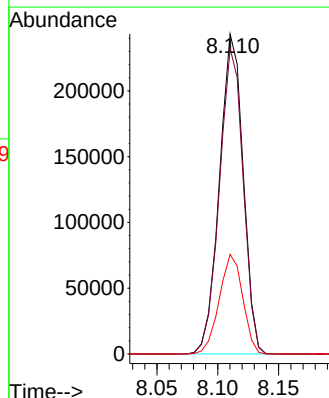
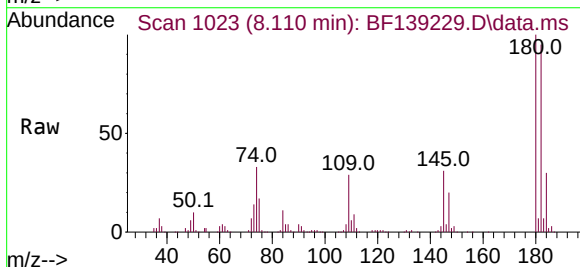
Tgt Ion:180 Resp: 329822

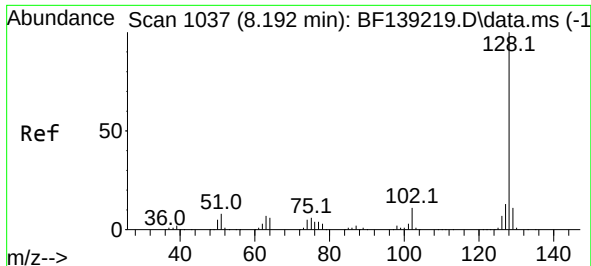
Ion Ratio Lower Upper

180 100

182 95.4 76.5 114.7

145 31.1 24.2 36.2

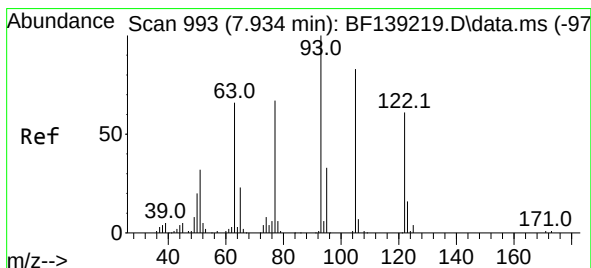
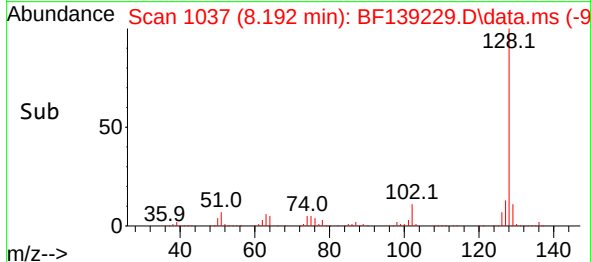
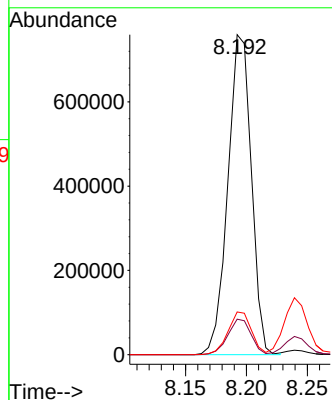
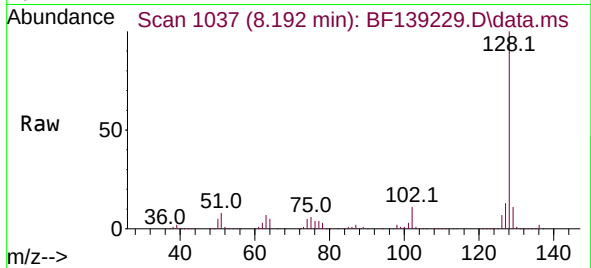




#31
Naphthalene
Concen: 42.147 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

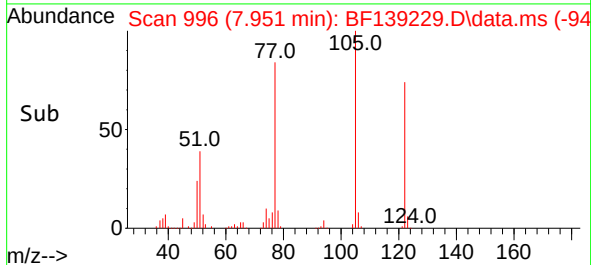
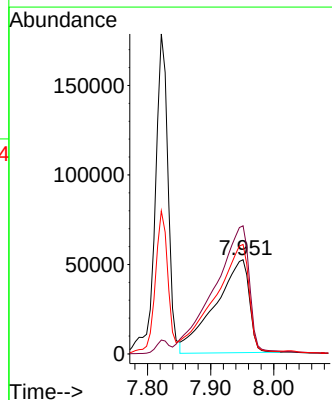
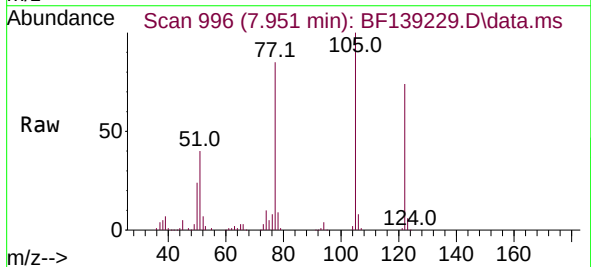
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

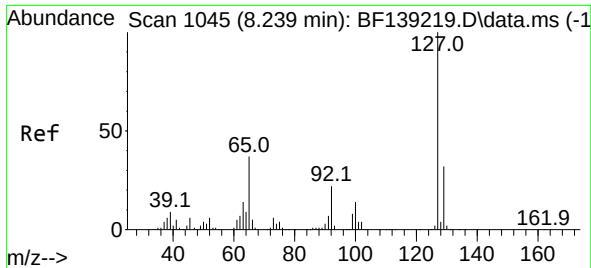
Tgt Ion:128 Resp: 1019615
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 40.753 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.017 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:122 Resp: 195153
Ion Ratio Lower Upper
122 100
105 136.0 115.3 155.3
77 116.1 91.0 131.0

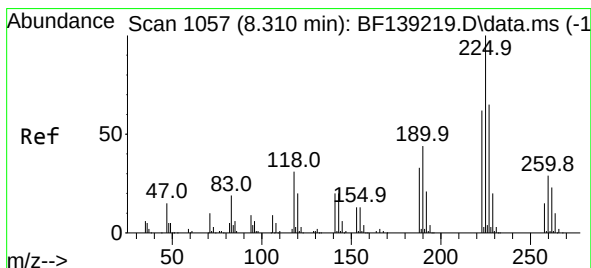
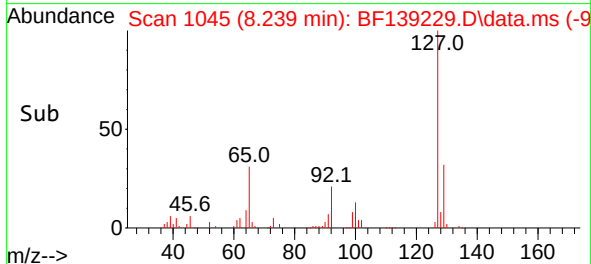
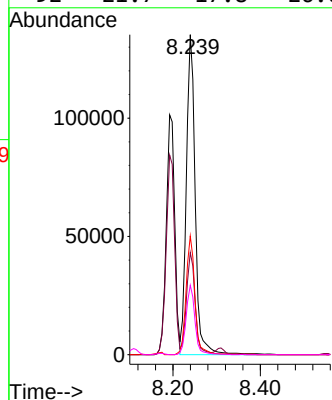
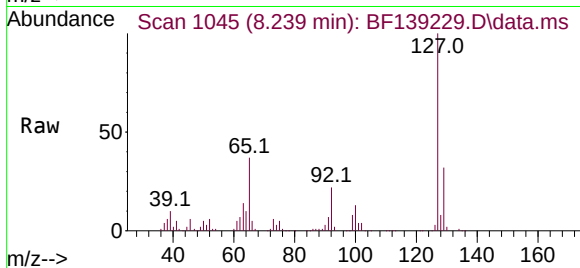




#33
4-Chloroaniline
Concen: 22.899 ng
RT: 8.239 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

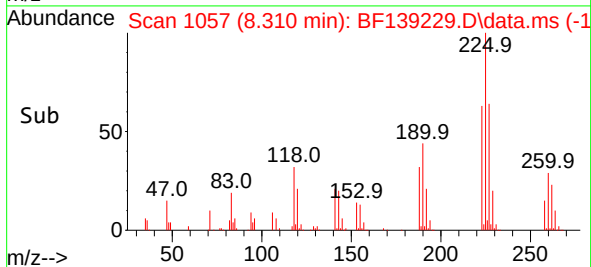
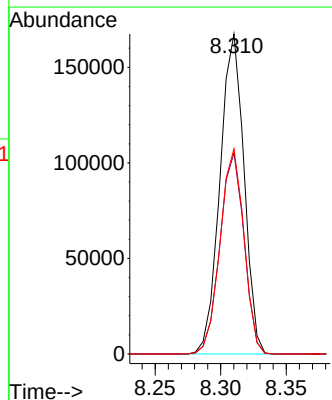
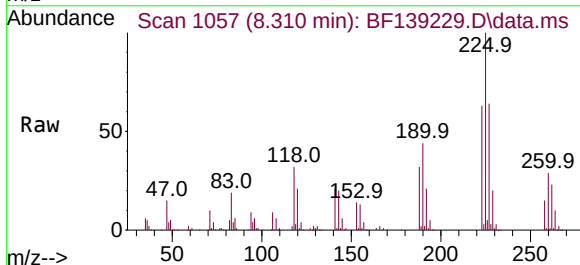
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

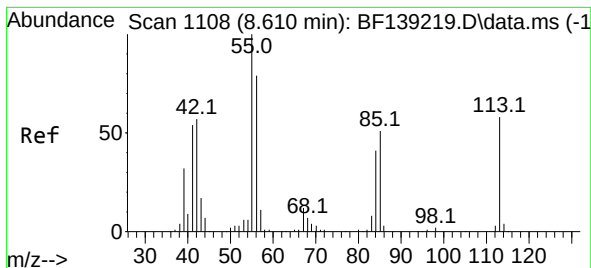
Tgt Ion:	127	Resp:	189899
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.5	38.3
65	37.1	29.3	43.9
92	21.7	17.8	26.6



#34
Hexachlorobutadiene
Concen: 40.597 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:	225	Resp:	212960
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.0
227	64.1	51.7	77.5





#35

Caprolactam

Concen: 23.157 ng

RT: 8.616 min Scan# 1109

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

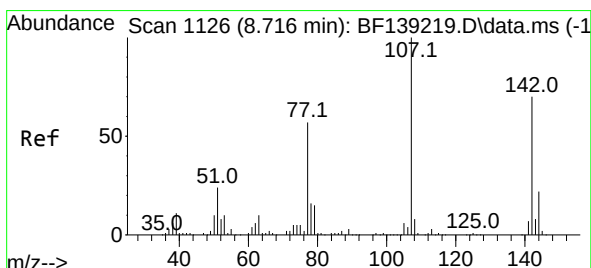
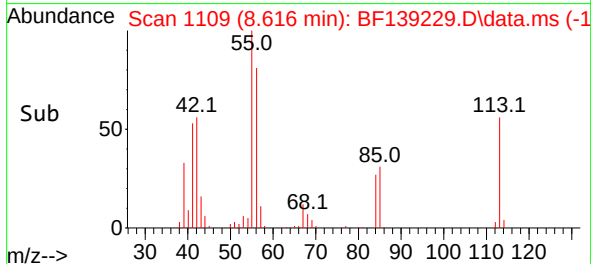
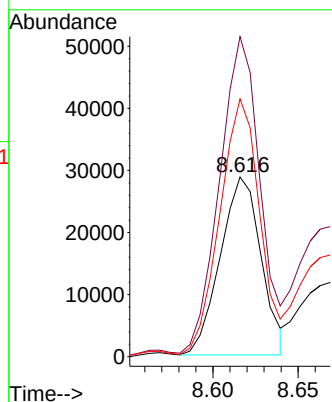
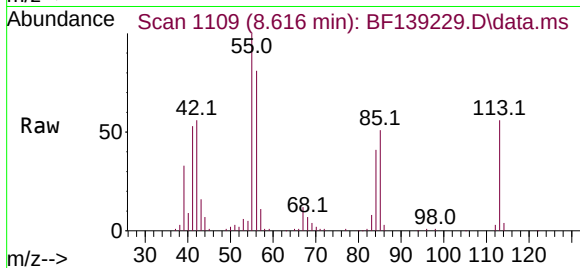
Tgt Ion:113 Resp: 47839

Ion Ratio Lower Upper

113 100

55 178.0 153.2 193.2

56 143.4 116.8 156.8



#36

4-Chloro-3-methylphenol

Concen: 43.907 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

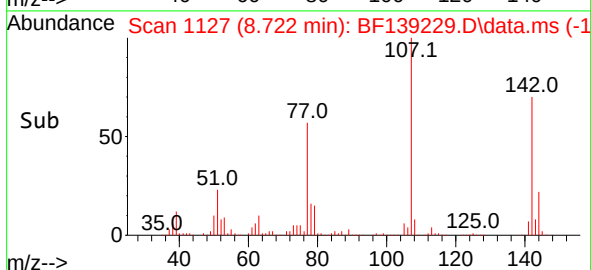
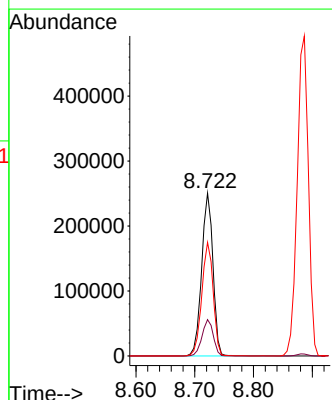
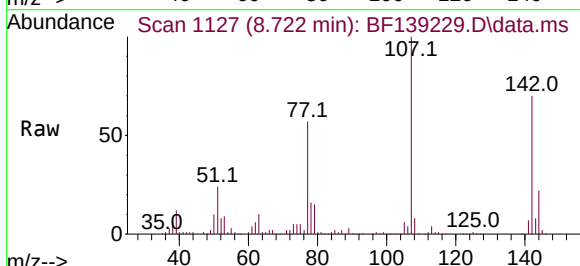
Tgt Ion:107 Resp: 334247

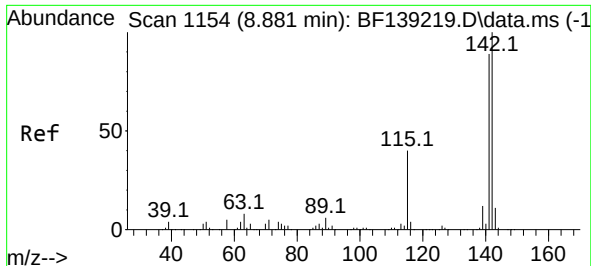
Ion Ratio Lower Upper

107 100

144 22.3 17.8 26.8

142 69.8 55.8 83.8





#37

2-Methylnaphthalene

Concen: 42.508 ng

RT: 8.886 min Scan# 1154

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

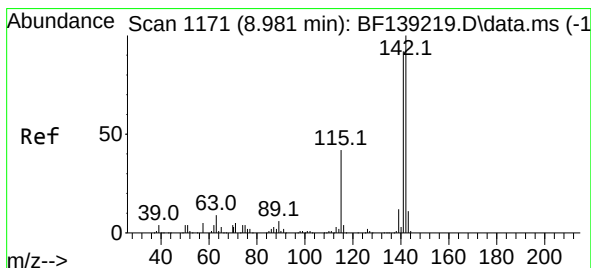
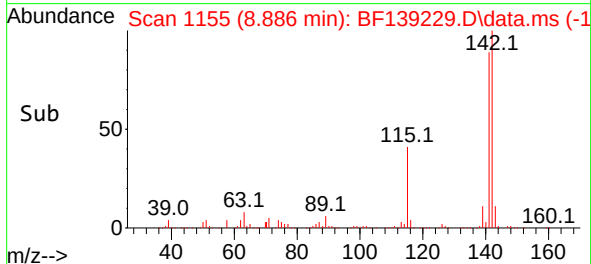
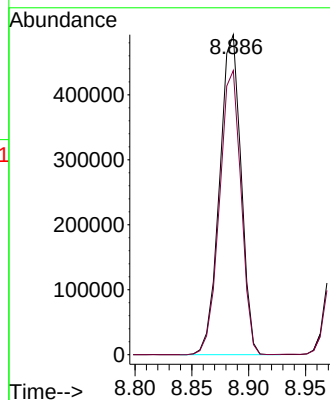
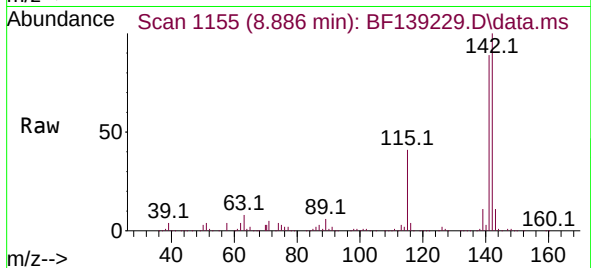
PB163089BSD

Tgt Ion:142 Resp: 647902

Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3



#38

1-Methylnaphthalene

Concen: 39.859 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF139229.D

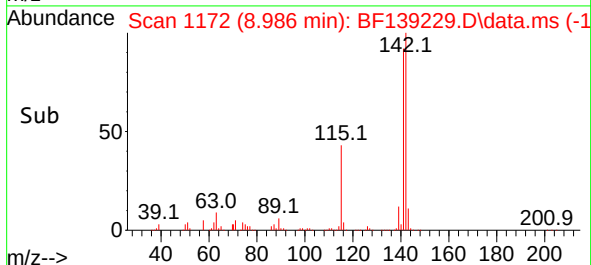
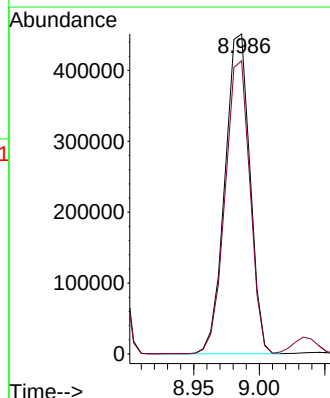
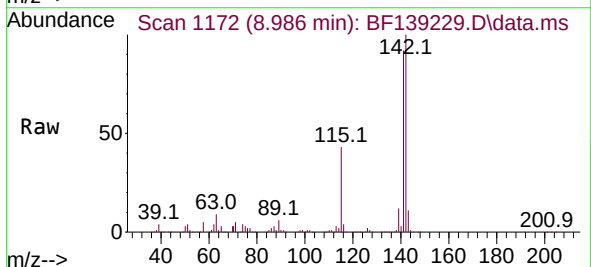
Acq: 03 Sep 2024 11:53

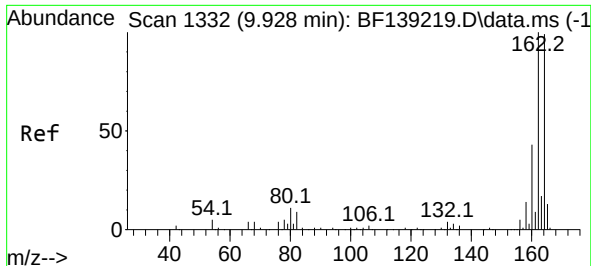
Tgt Ion:142 Resp: 599171

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. -0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

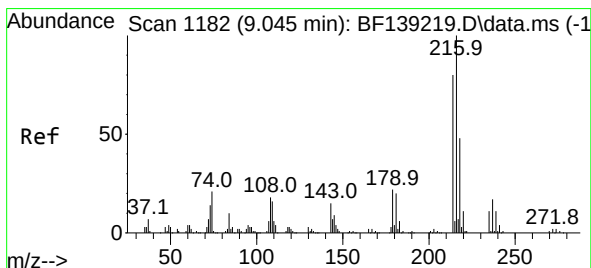
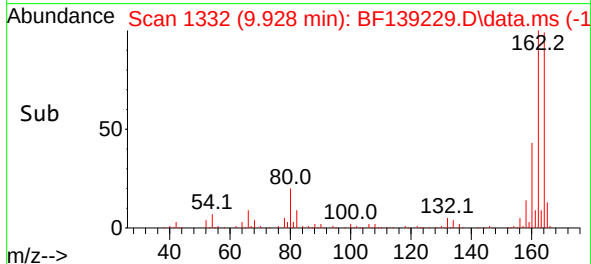
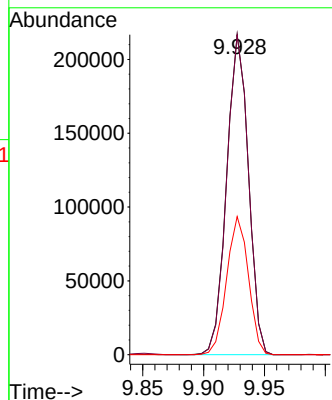
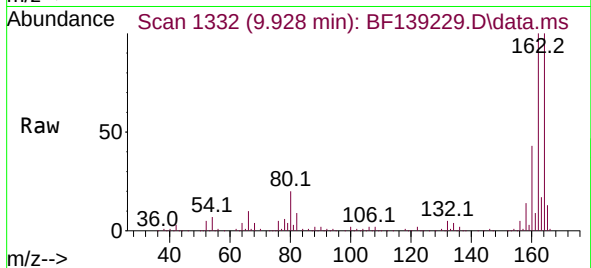
Tgt Ion:164 Resp: 269629

Ion Ratio Lower Upper

164 100

162 100.0 80.8 121.2

160 43.2 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.048 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Tgt Ion:216 Resp: 312910

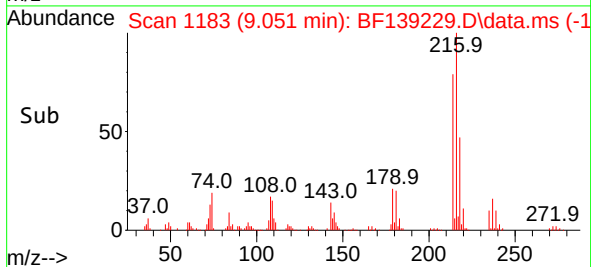
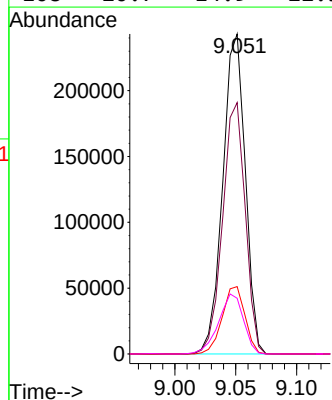
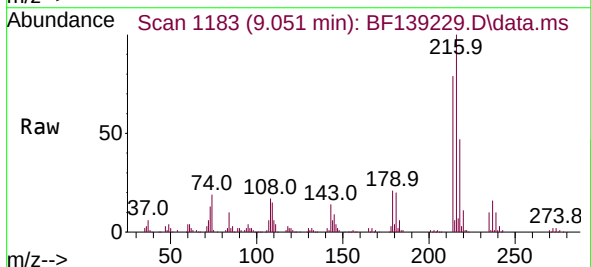
Ion Ratio Lower Upper

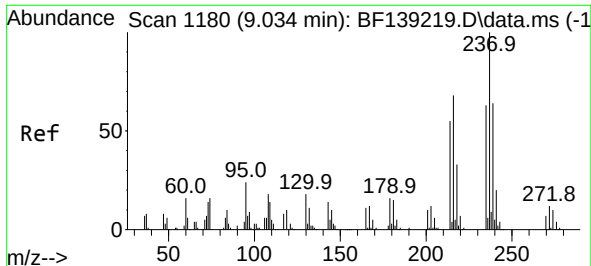
216 100

214 78.9 63.6 95.4

179 21.4 17.1 25.7

108 20.7 14.9 22.3

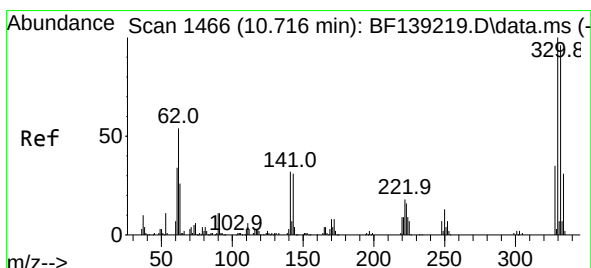
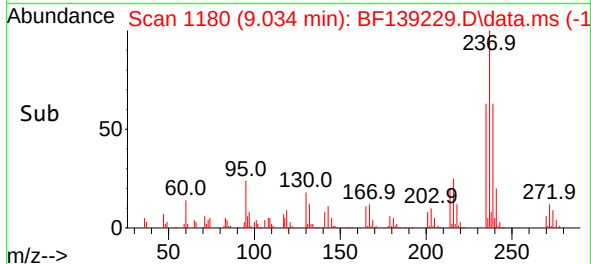
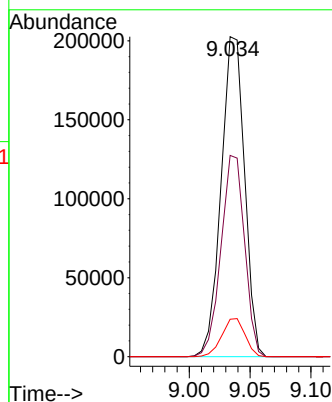
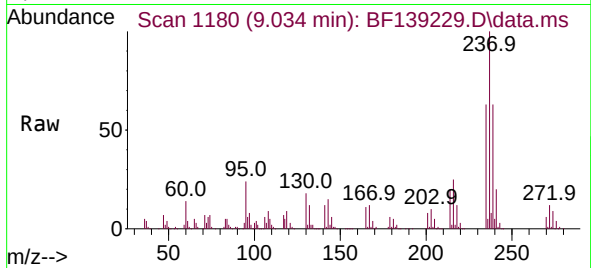




#41
Hexachlorocyclopentadiene
Concen: 97.048 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

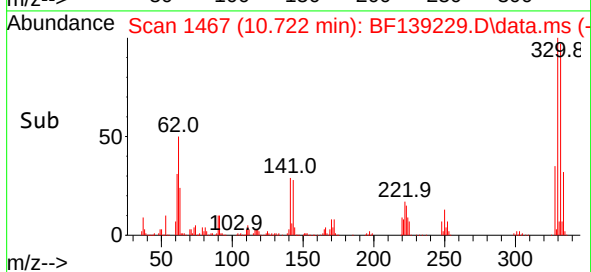
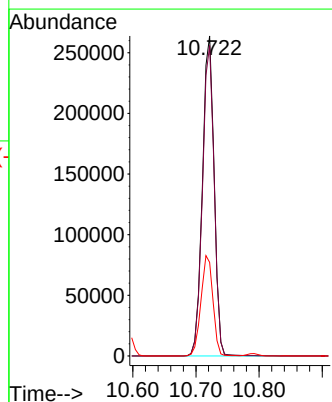
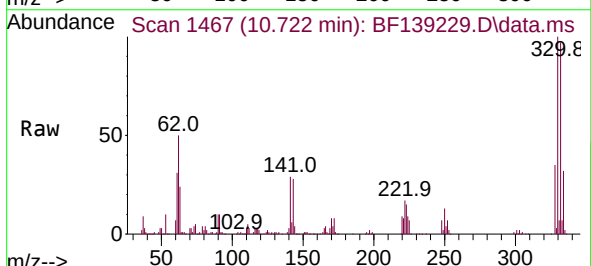
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

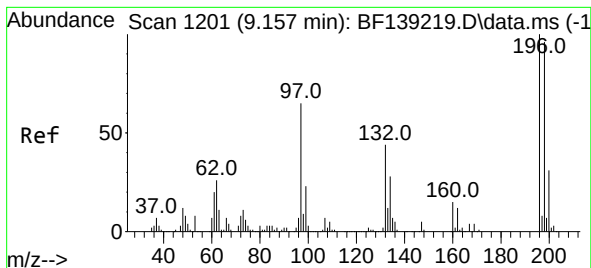
Tgt Ion:237 Resp: 272389
Ion Ratio Lower Upper
237 100
235 62.9 43.2 83.2
272 11.7 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 125.804 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:330 Resp: 340252
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 32.1 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 44.110 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

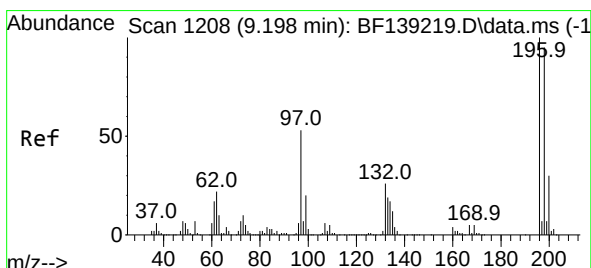
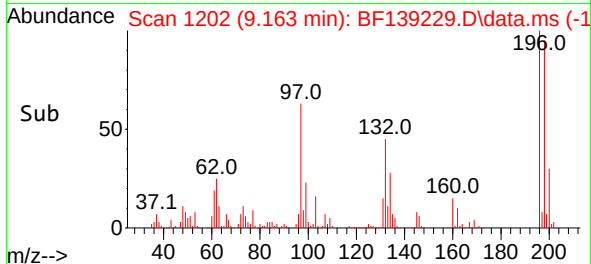
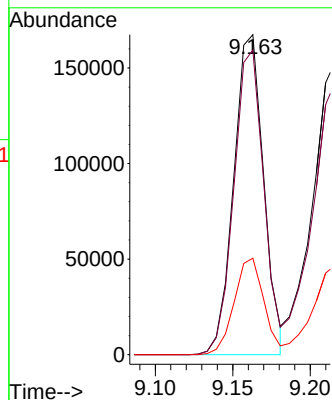
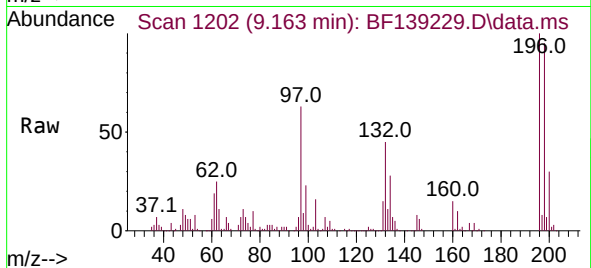
Tgt Ion:196 Resp: 224831

Ion Ratio Lower Upper

196 100

198 95.2 76.6 115.0

200 30.1 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 42.559 ng

RT: 9.216 min Scan# 1211

Delta R.T. 0.018 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Tgt Ion:196 Resp: 233454

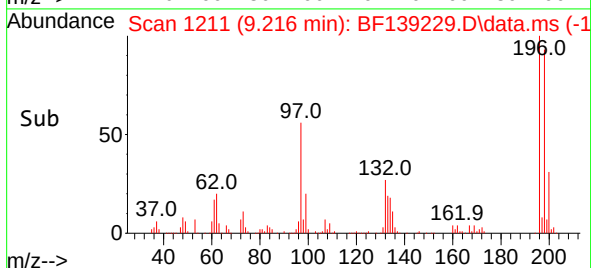
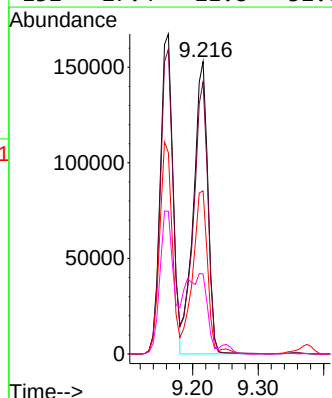
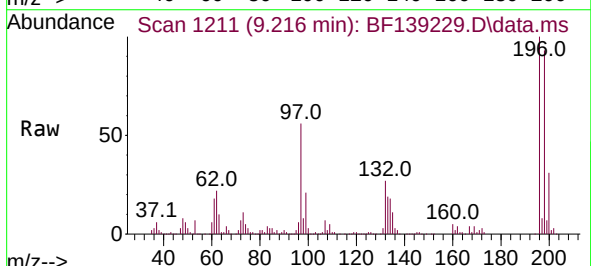
Ion Ratio Lower Upper

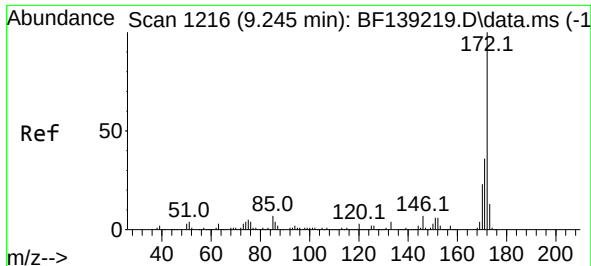
196 100

198 93.1 76.2 114.4

97 55.8 43.0 64.4

132 27.4 21.8 32.6

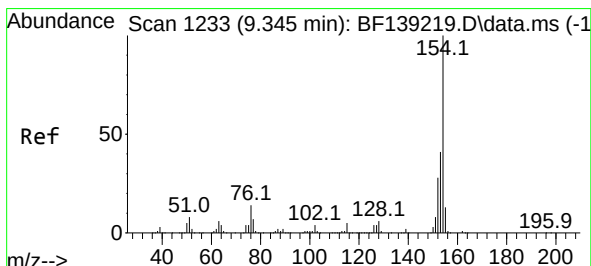
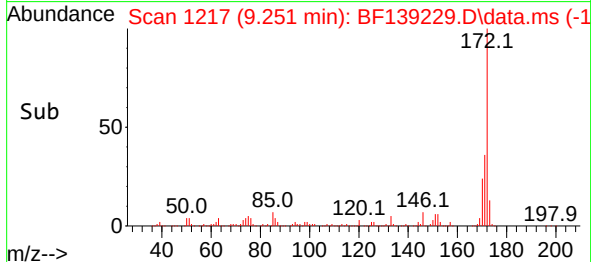
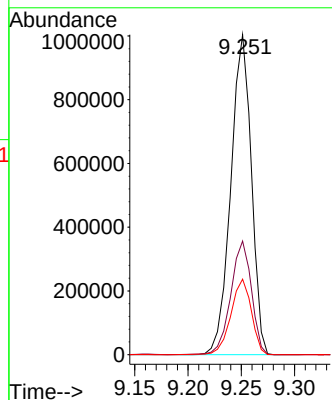
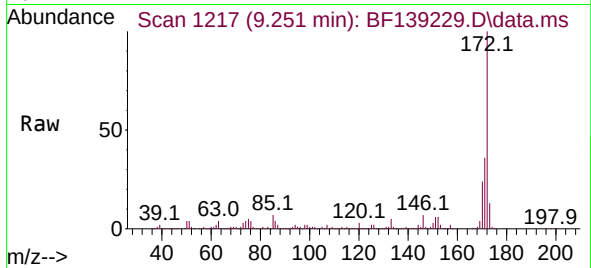




#45
2-Fluorobiphenyl
Concen: 77.881 ng
RT: 9.251 min Scan# 1216
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

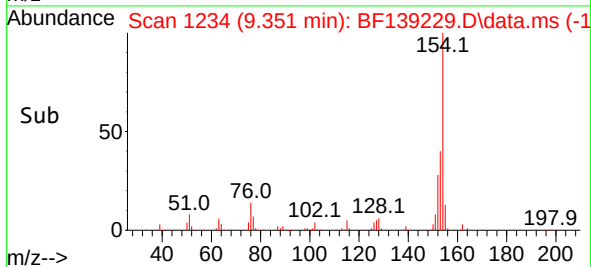
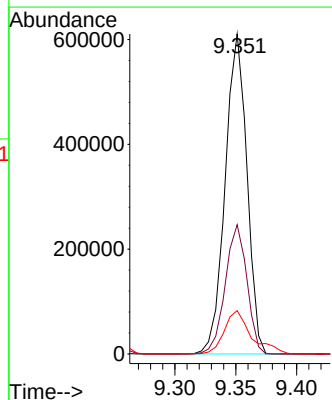
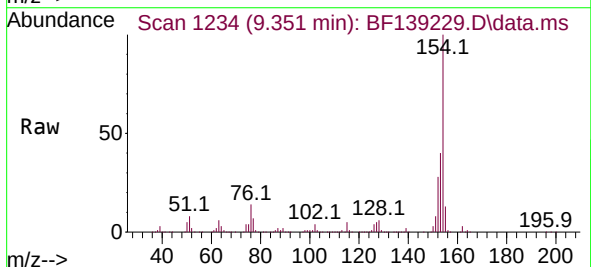
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

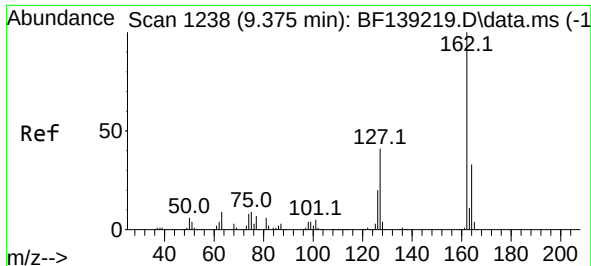
Tgt Ion:172 Resp: 1348646
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.6 18.7 28.1



#46
1,1'-Biphenyl
Concen: 39.210 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:154 Resp: 757708
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 13.5 0.0 33.9

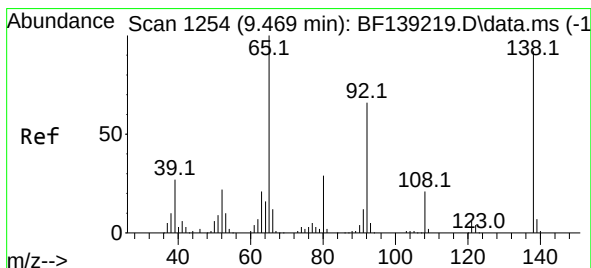
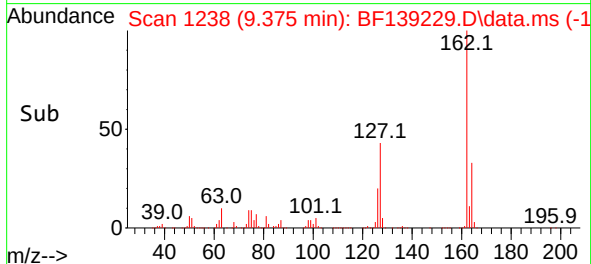
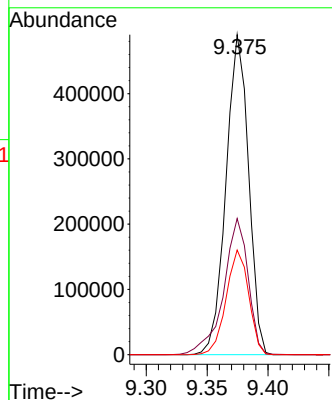
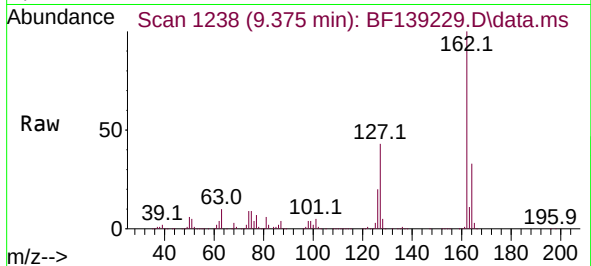




#47
2-Chloronaphthalene
Concen: 41.220 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

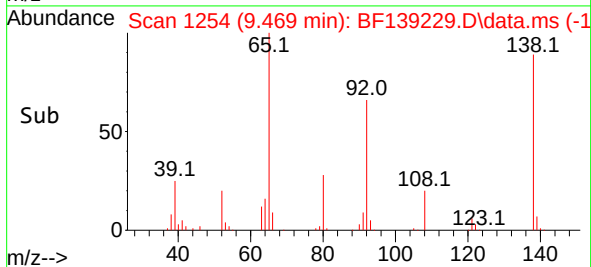
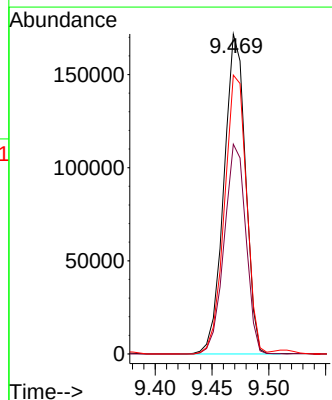
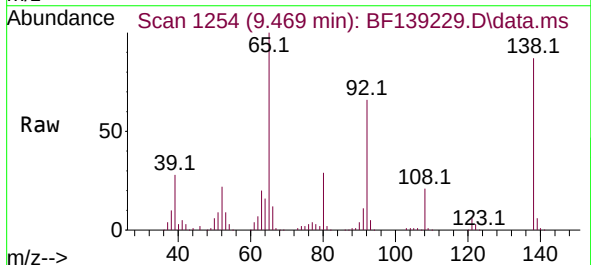
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

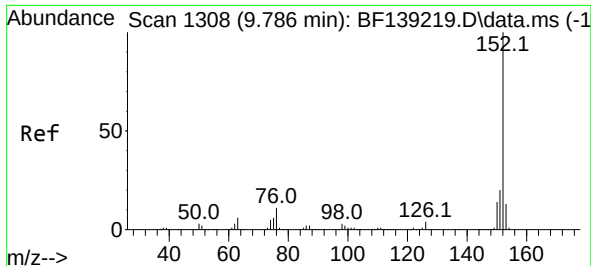
Tgt Ion:162 Resp: 632293
Ion Ratio Lower Upper
162 100
127 42.5 33.0 49.4
164 32.7 26.2 39.4



#48
2-Nitroaniline
Concen: 48.124 ng
RT: 9.469 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion: 65 Resp: 227312
Ion Ratio Lower Upper
65 100
92 65.6 52.7 79.1
138 87.1 73.4 110.0

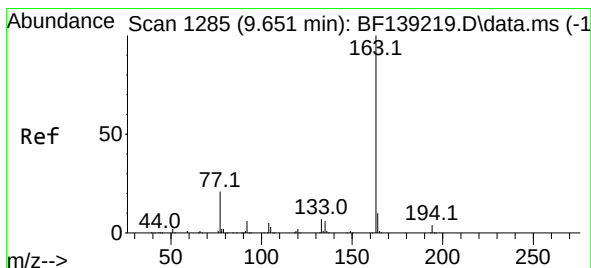
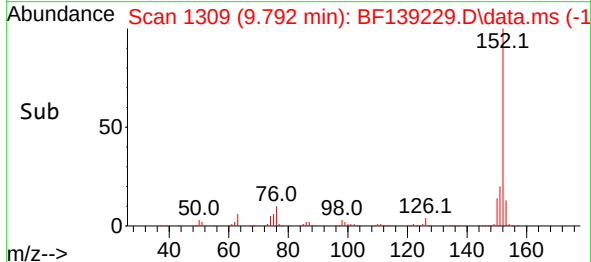
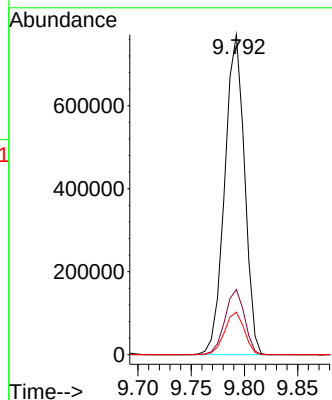
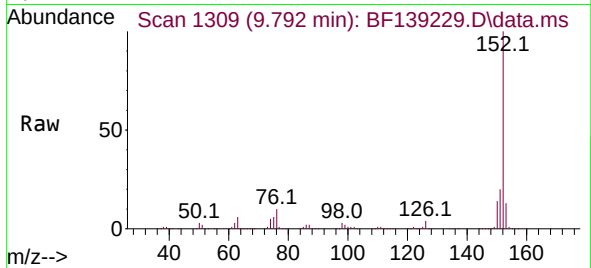




#49
Acenaphthylene
Concen: 45.633 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

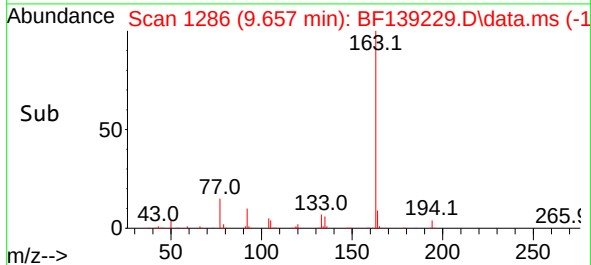
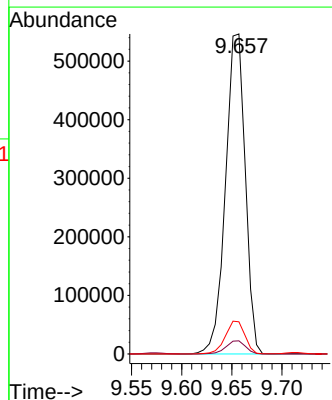
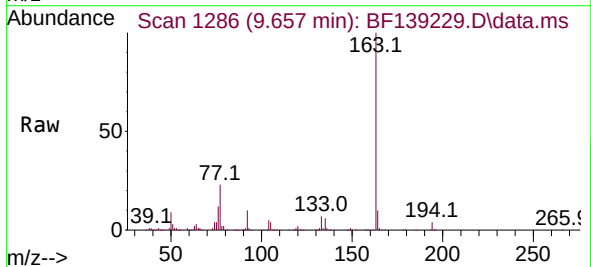
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

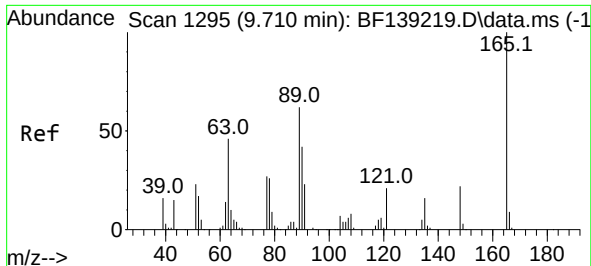
Tgt Ion:152 Resp: 995012
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.3 10.3 15.5



#50
Dimethylphthalate
Concen: 44.326 ng
RT: 9.657 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:163 Resp: 748364
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.0 12.0

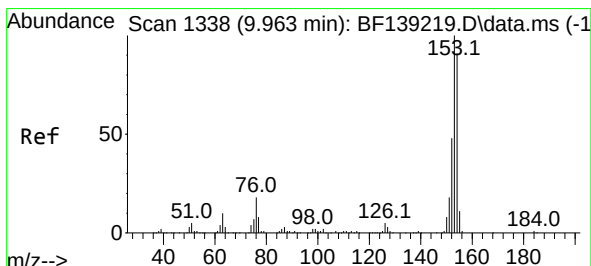
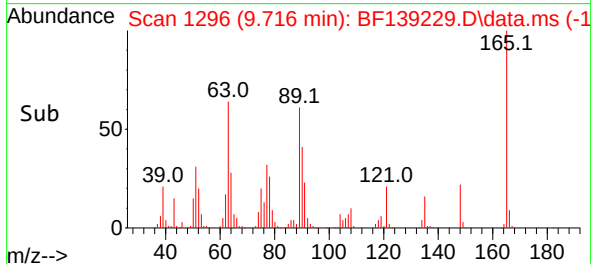
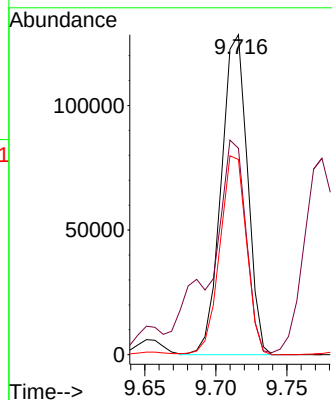
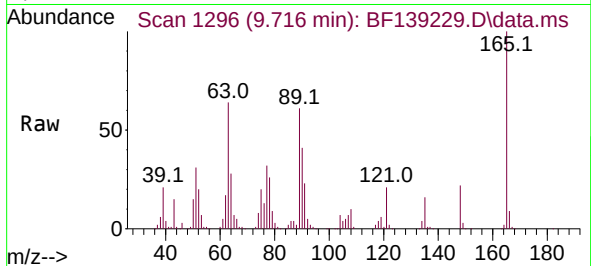




#51
2,6-Dinitrotoluene
Concen: 45.223 ng
RT: 9.716 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

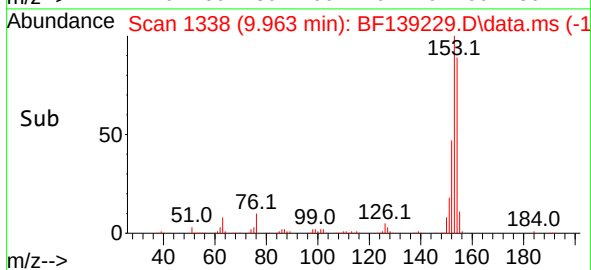
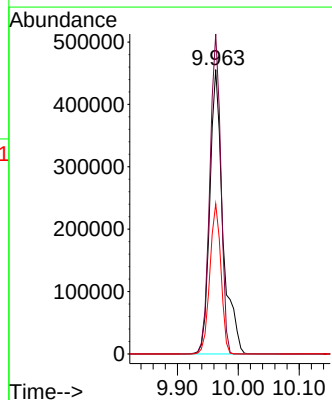
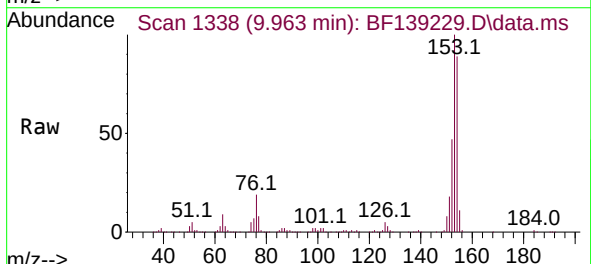
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

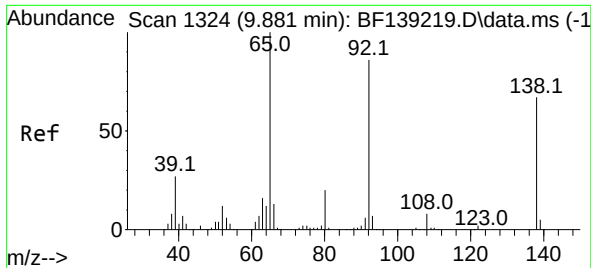
Tgt Ion:165 Resp: 165013
Ion Ratio Lower Upper
165 100
63 64.5 52.1 78.1
89 61.0 49.7 74.5



#52
Acenaphthene
Concen: 46.778 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:154 Resp: 680993
Ion Ratio Lower Upper
154 100
153 112.5 88.2 132.2
152 52.8 42.2 63.4

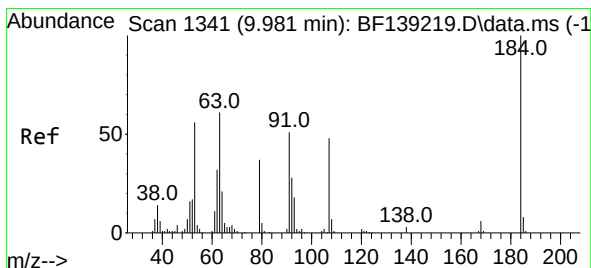
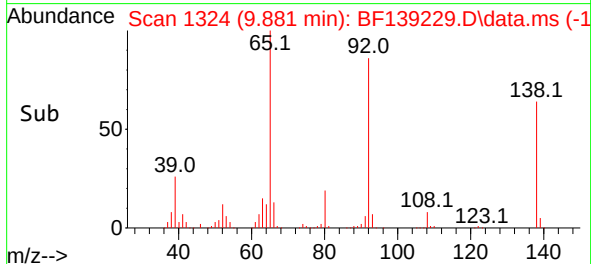
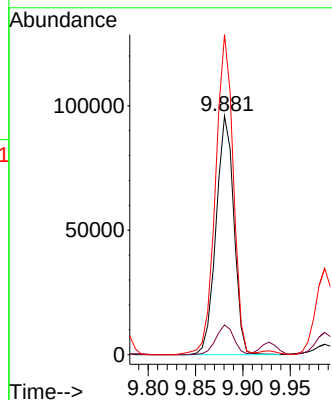
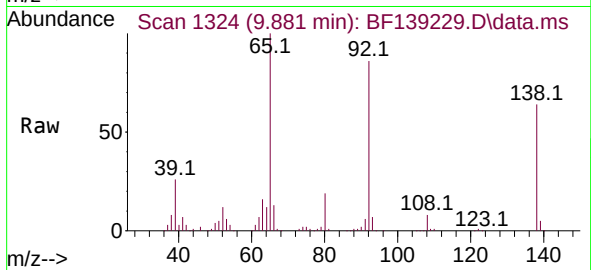




#53
3-Nitroaniline
Concen: 34.916 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

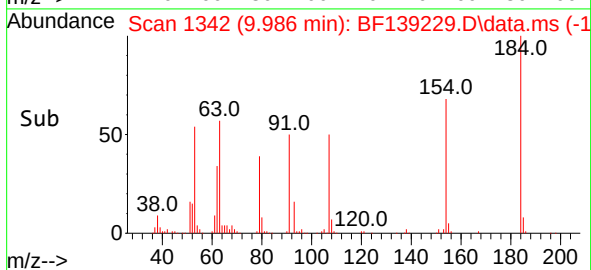
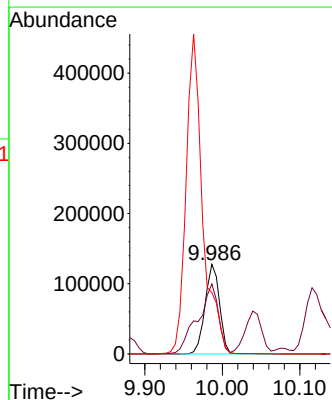
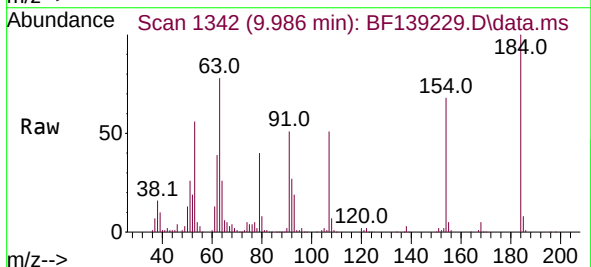
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

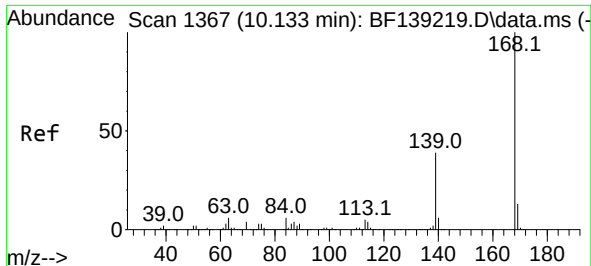
Tgt Ion:138 Resp: 125500
Ion Ratio Lower Upper
138 100
108 12.5 9.4 14.0
92 134.0 102.0 153.0



#54
2,4-Dinitrophenol
Concen: 84.969 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.005 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:184 Resp: 165786
Ion Ratio Lower Upper
184 100
63 78.2 61.9 92.9
154 68.4 70.9 106.3#

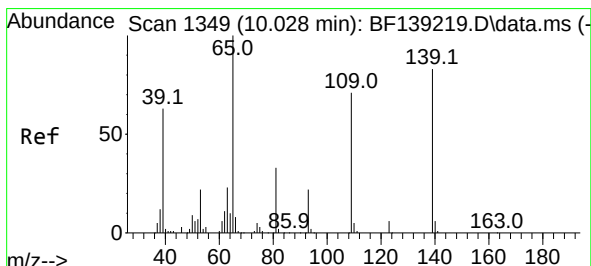
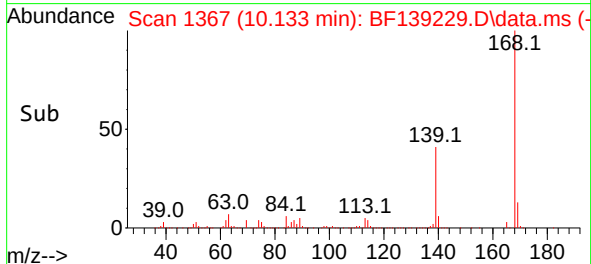
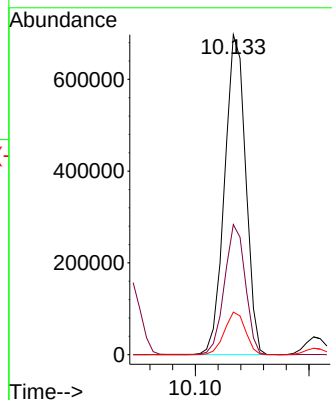
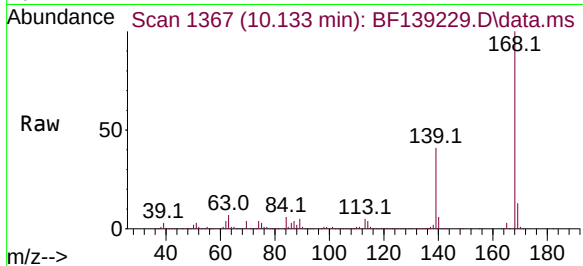




#55
Dibenzofuran
Concen: 42.875 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

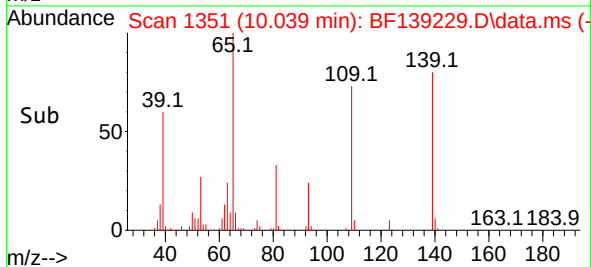
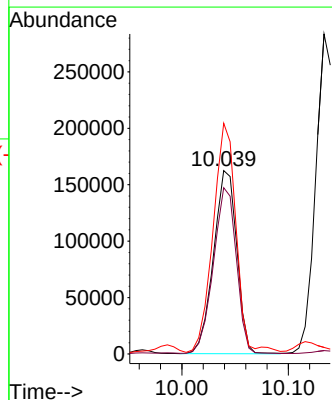
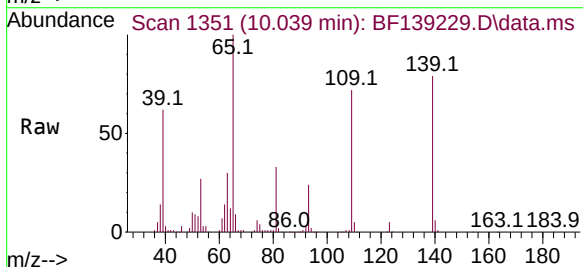
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

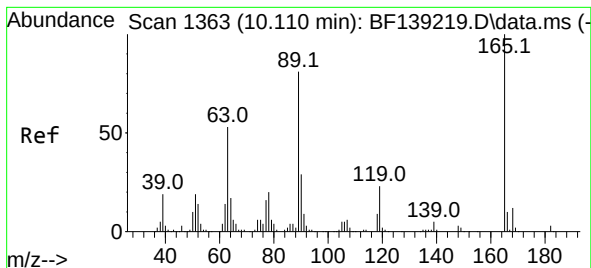
Tgt Ion:168 Resp: 899068
Ion Ratio Lower Upper
168 100
139 40.7 31.3 46.9
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 89.499 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:139 Resp: 245973
Ion Ratio Lower Upper
139 100
109 90.6 65.8 105.8
65 125.8 101.4 141.4

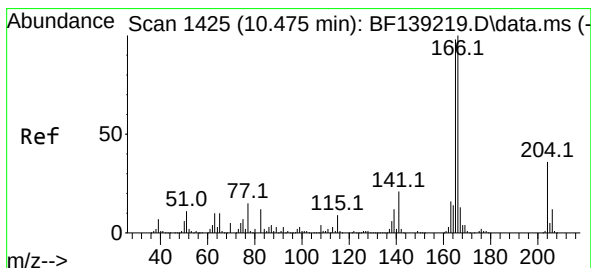
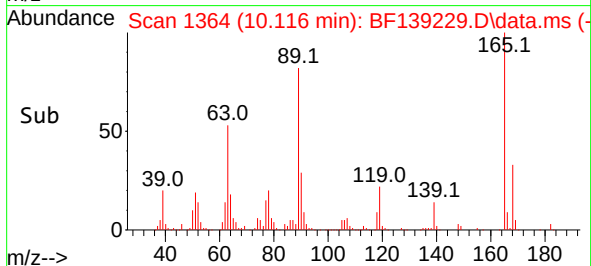
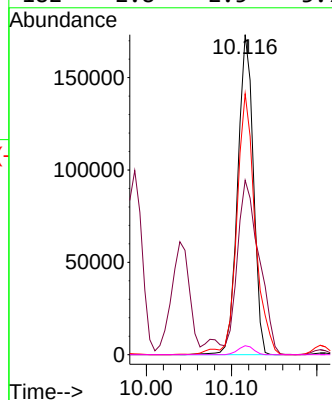
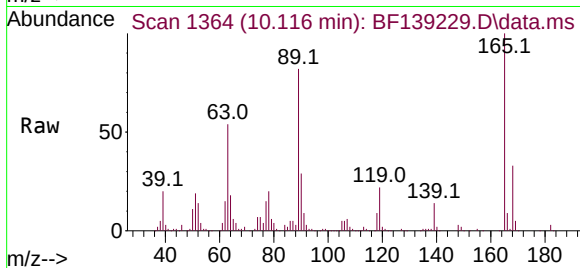




#57
2,4-Dinitrotoluene
Concen: 48.064 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

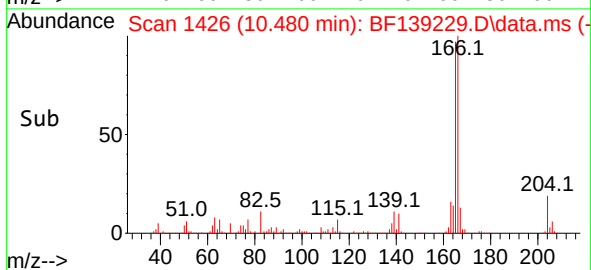
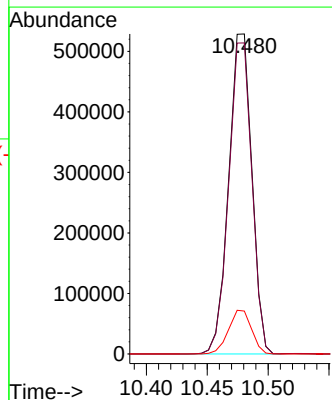
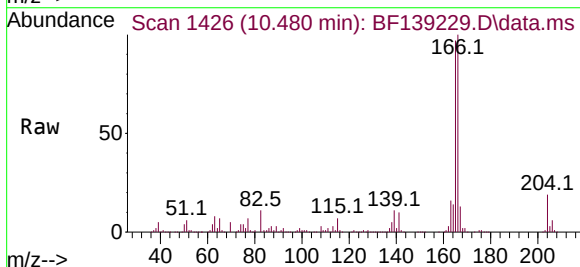
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

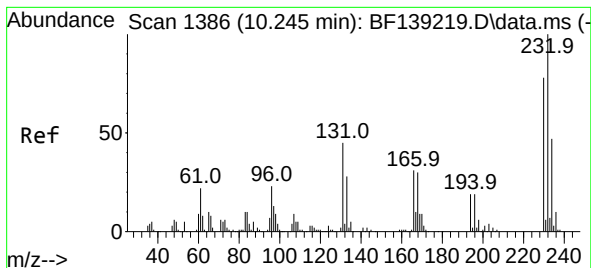
Tgt Ion:165 Resp: 220929
Ion Ratio Lower Upper
165 100
63 54.5 42.2 63.4
89 81.5 64.7 97.1
182 2.8 2.5 3.7



#58
Fluorene
Concen: 42.268 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:166 Resp: 701406
Ion Ratio Lower Upper
166 100
165 97.2 78.0 117.0
167 13.4 10.7 16.1

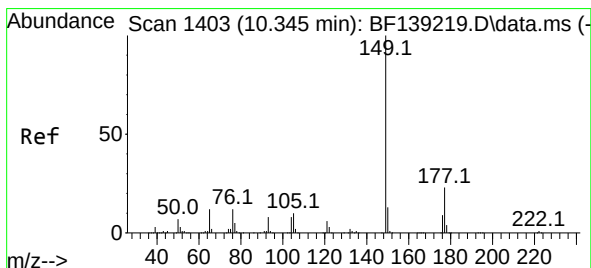
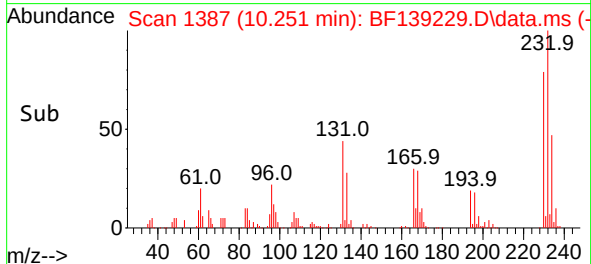
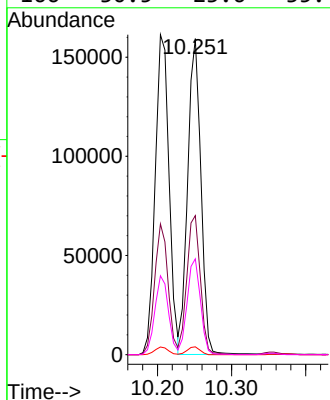
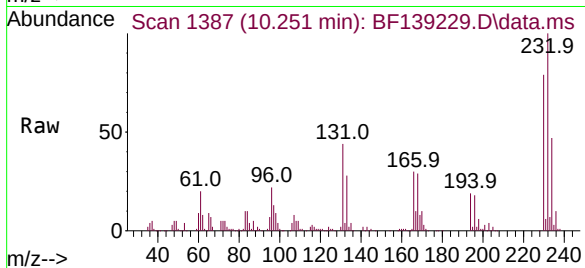




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.545 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

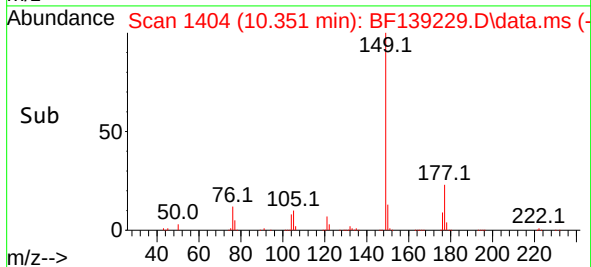
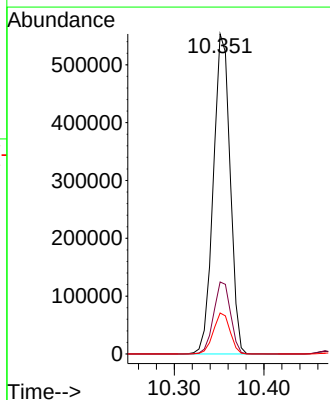
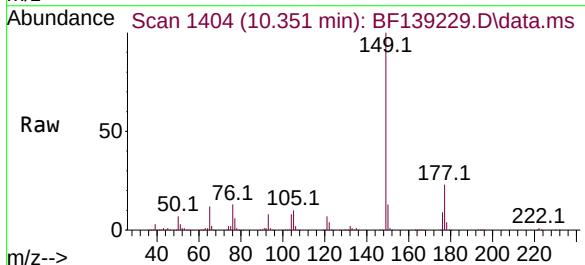
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

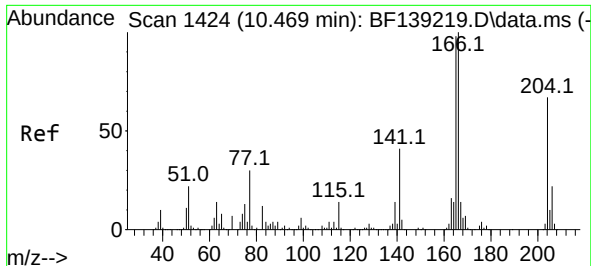
Tgt Ion:232 Resp: 198116
Ion Ratio Lower Upper
232 100
131 45.1 34.6 52.0
130 2.4 1.8 2.8
166 30.5 23.6 35.4



#60
Diethylphthalate
Concen: 44.526 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:149 Resp: 718501
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.4
150 12.8 10.1 15.1

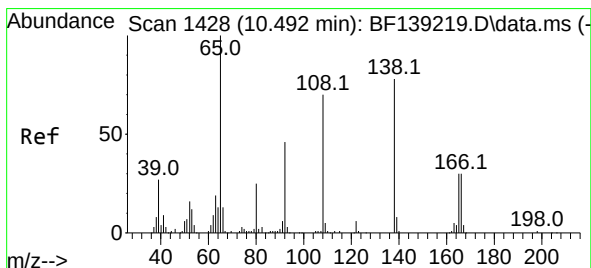
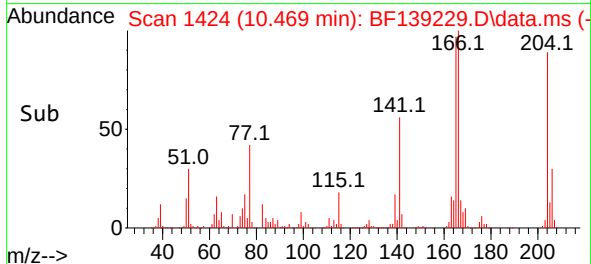
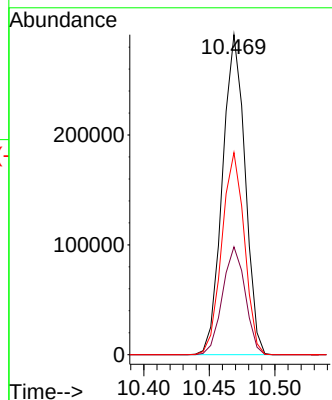
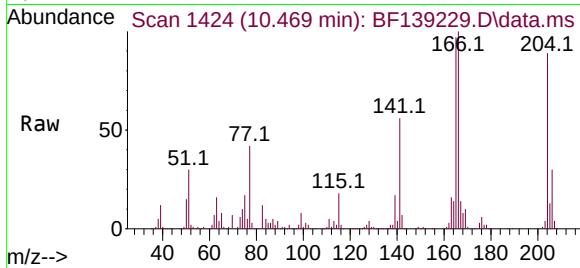




#61
4-Chlorophenyl-phenylether
Concen: 41.906 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

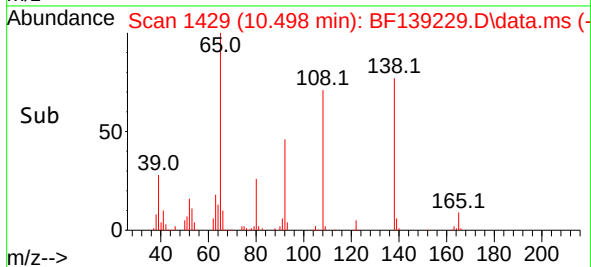
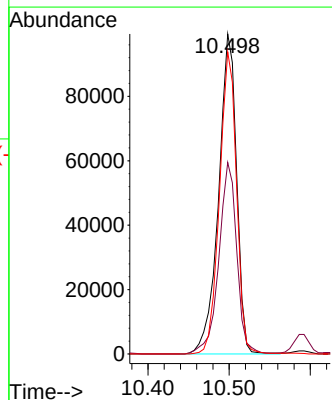
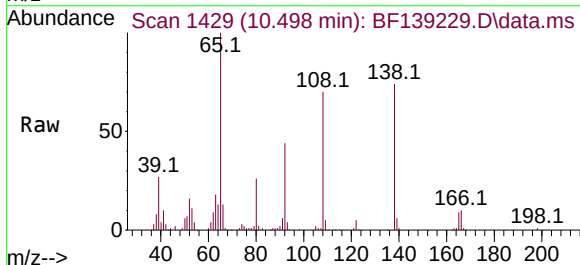
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

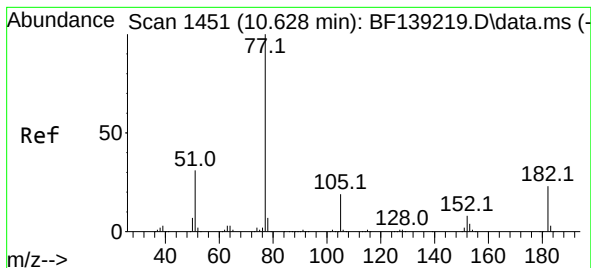
Tgt Ion:204 Resp: 348921
Ion Ratio Lower Upper
204 100
206 33.7 26.2 39.2
141 63.2 49.1 73.7



#62
4-Nitroaniline
Concen: 43.501 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:138 Resp: 153534
Ion Ratio Lower Upper
138 100
92 59.8 38.5 78.5
108 94.4 69.5 109.5





#63

Azobenzene

Concen: 44.571 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

Tgt Ion: 77 Resp: 792734

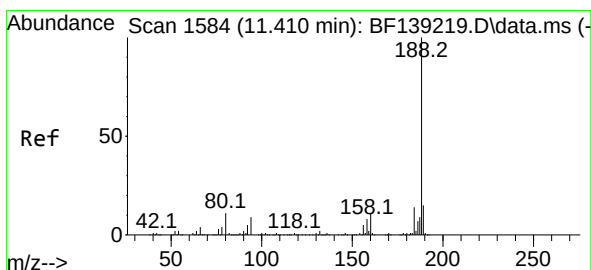
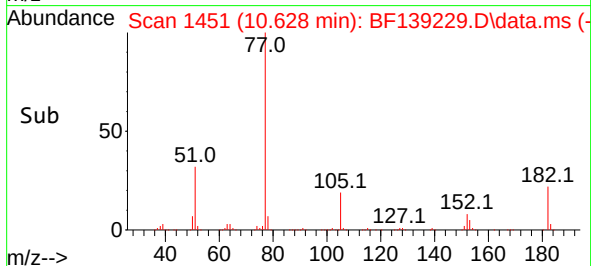
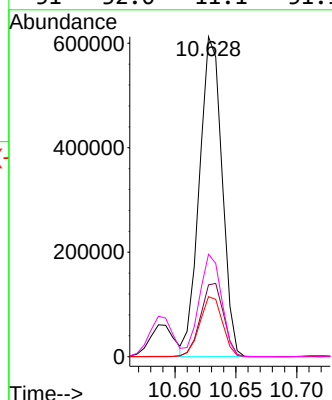
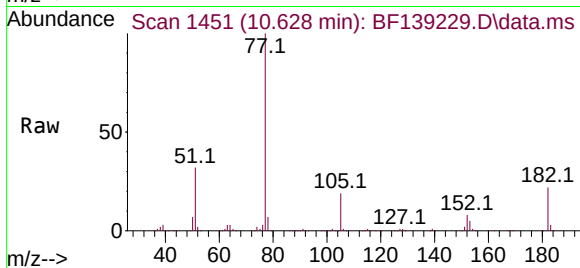
Ion Ratio Lower Upper

77 100

182 22.4 3.2 43.2

105 18.7 0.0 38.8

51 32.0 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

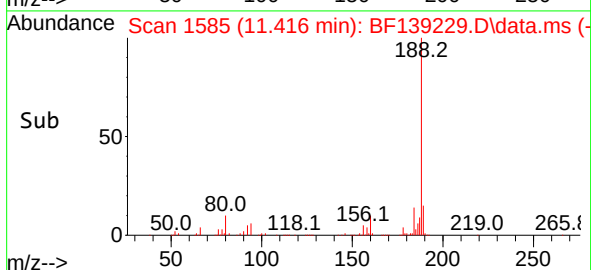
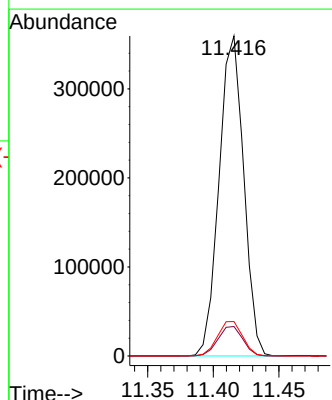
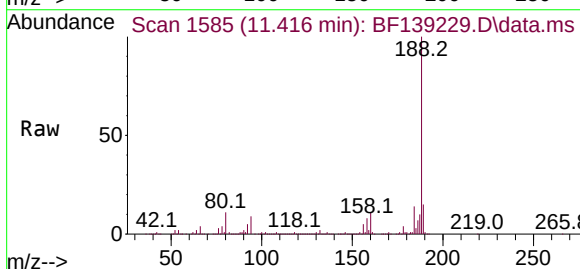
Tgt Ion:188 Resp: 468861

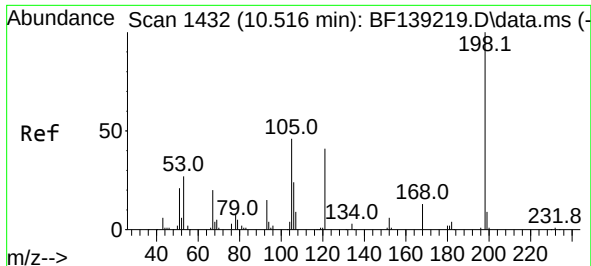
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.8 8.6 12.8

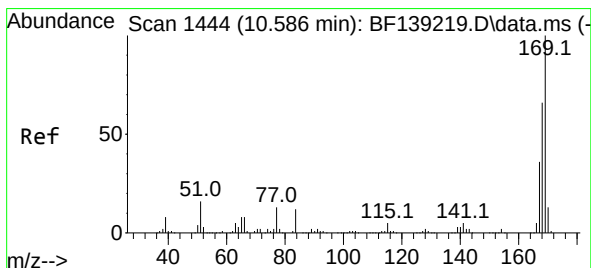
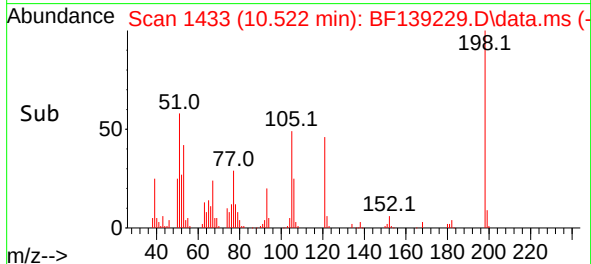
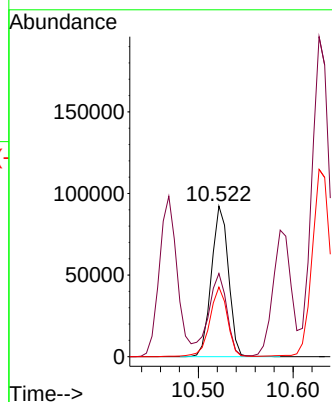
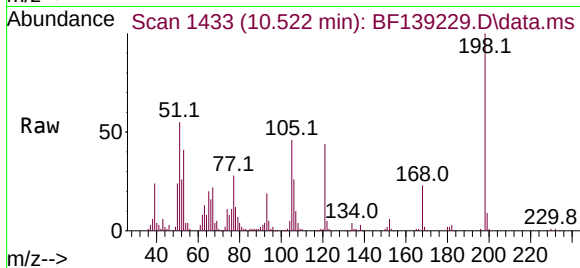




#65
4,6-Dinitro-2-methylphenol
Concen: 49.550 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

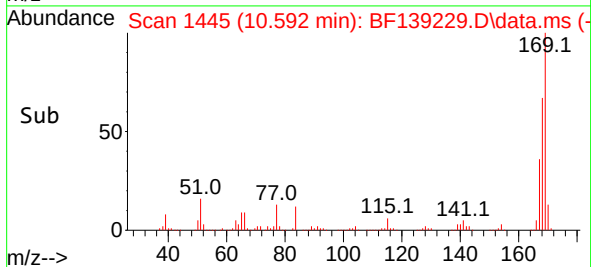
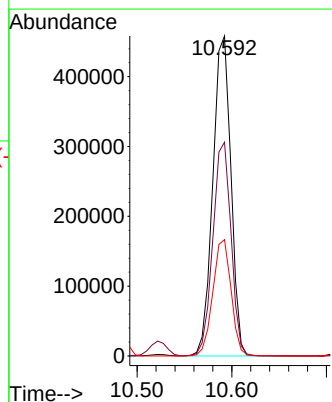
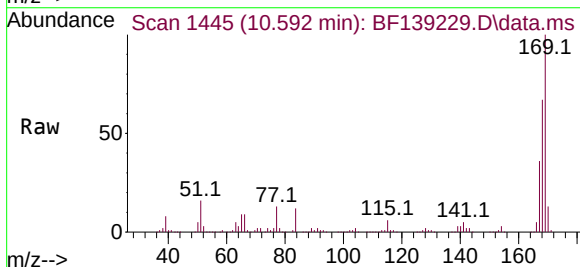
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

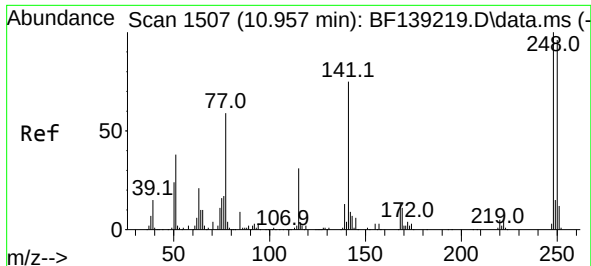
Tgt Ion:198 Resp: 114763
Ion Ratio Lower Upper
198 100
51 55.3 34.4 74.4
105 46.3 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 43.585 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:169 Resp: 606943
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.4 28.6 42.8

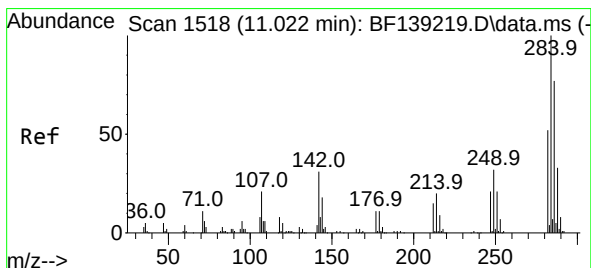
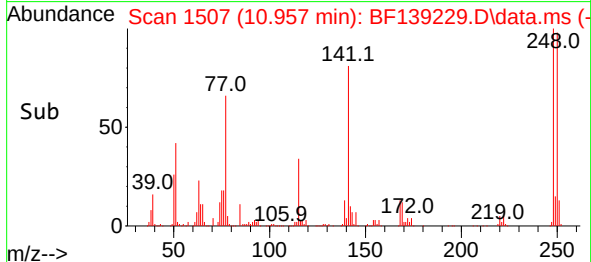
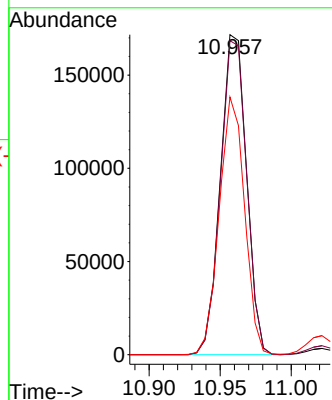
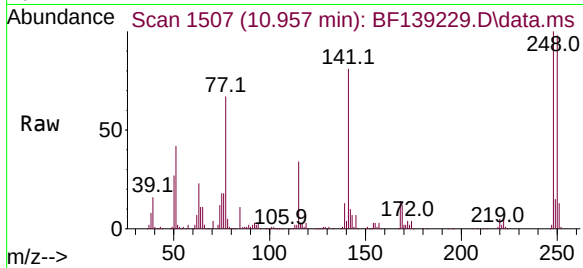




#67
4-Bromophenyl-phenylether
Concen: 43.218 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

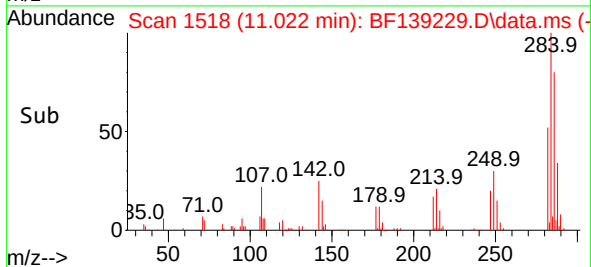
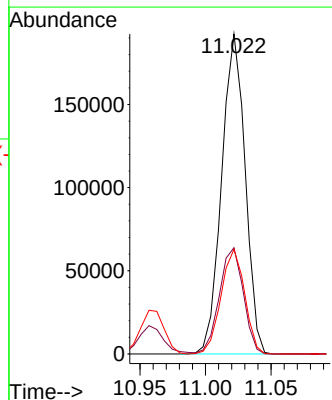
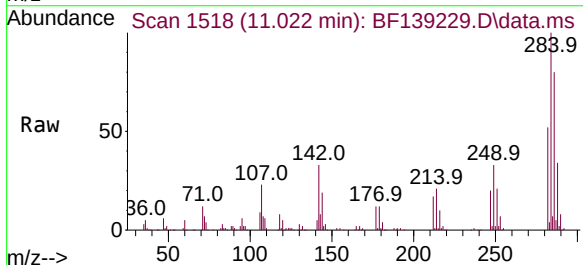
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

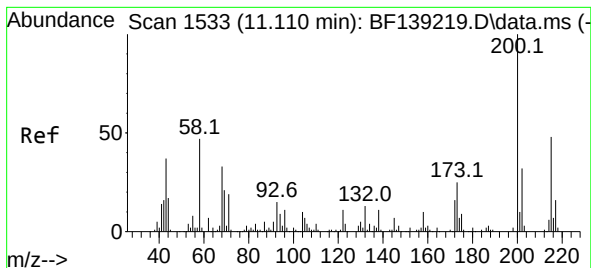
Tgt Ion:248 Resp: 220222
Ion Ratio Lower Upper
248 100
250 98.1 77.1 115.7
141 80.5 60.0 90.0



#68
Hexachlorobenzene
Concen: 42.997 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:284 Resp: 239633
Ion Ratio Lower Upper
284 100
142 33.2 24.7 37.1
249 32.7 25.8 38.6





#69

Atrazine

Concen: 43.253 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

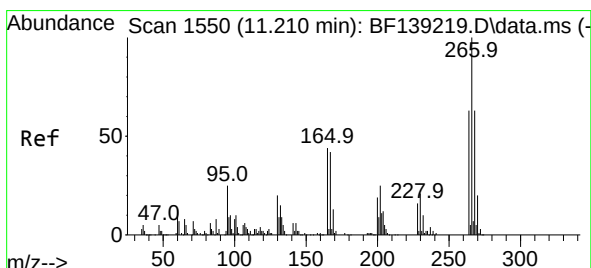
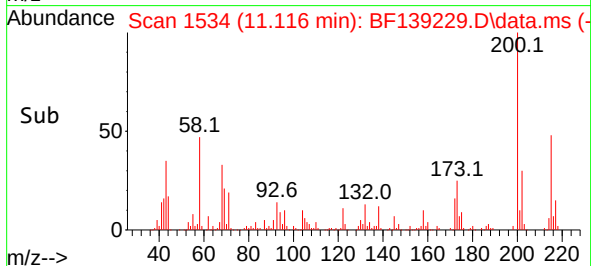
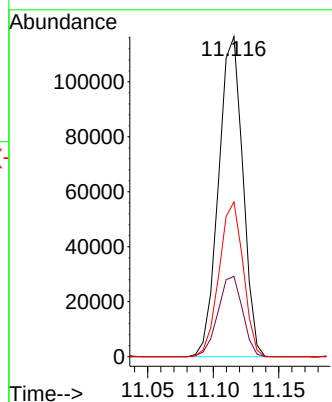
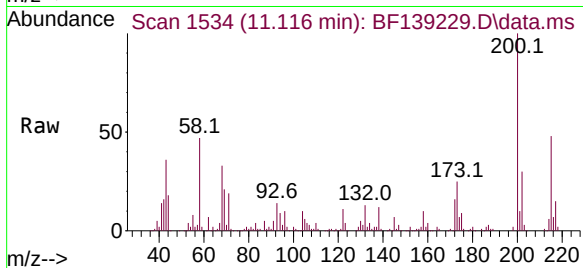
Tgt Ion:200 Resp: 149813

Ion Ratio Lower Upper

200 100

173 25.1 4.7 44.7

215 48.3 28.1 68.1



#70

Pentachlorophenol

Concen: 81.982 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

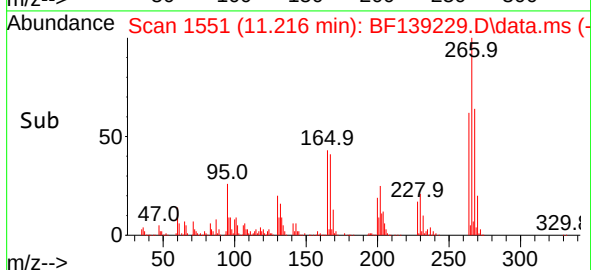
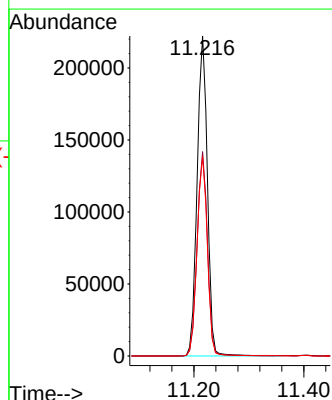
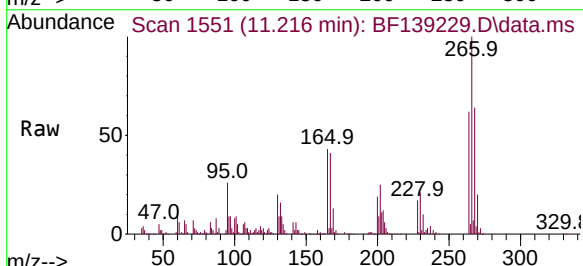
Tgt Ion:266 Resp: 289114

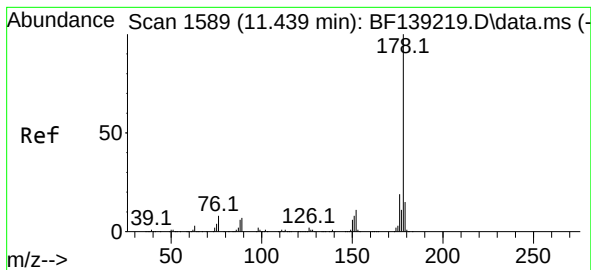
Ion Ratio Lower Upper

266 100

268 63.9 50.1 75.1

264 62.5 50.2 75.4





#71

Phenanthrene

Concen: 44.060 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

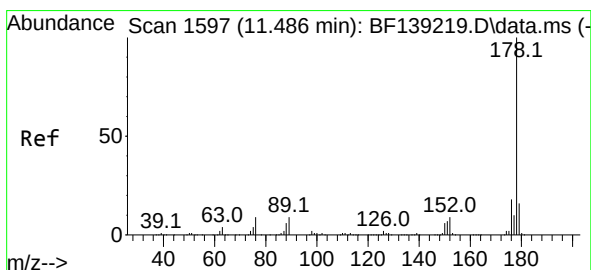
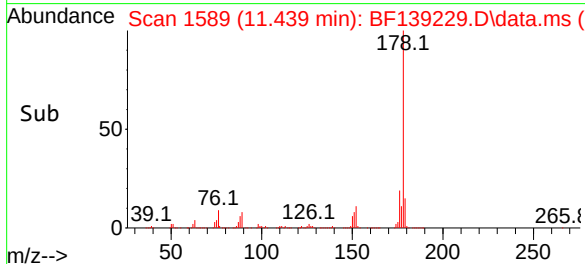
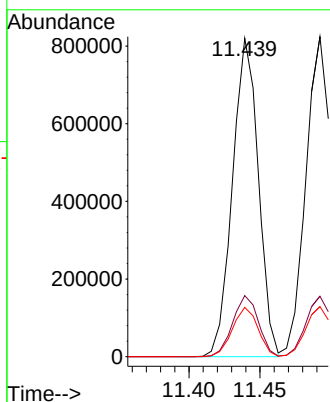
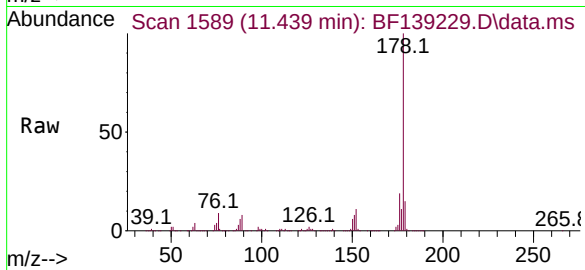
Tgt Ion:178 Resp: 1039041

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.5 12.3 18.5



#72

Anthracene

Concen: 44.958 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

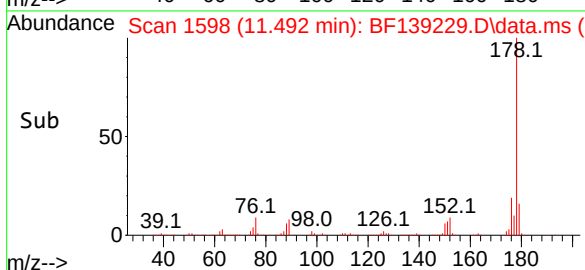
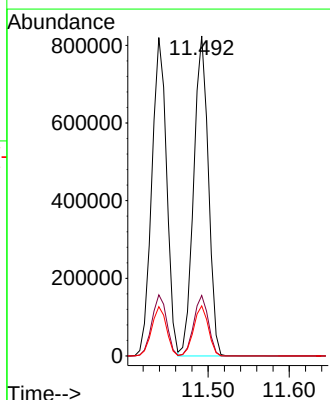
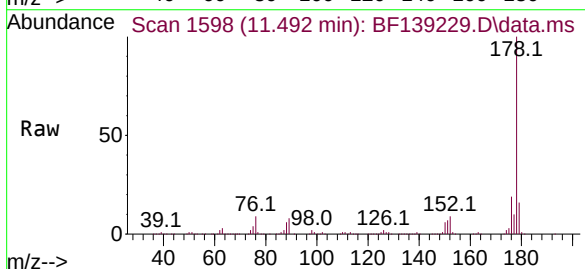
Tgt Ion:178 Resp: 1034925

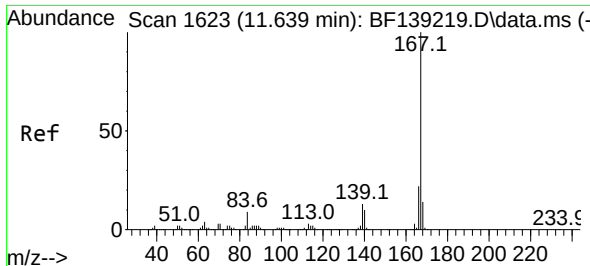
Ion Ratio Lower Upper

178 100

176 18.9 14.7 22.1

179 15.7 12.4 18.6

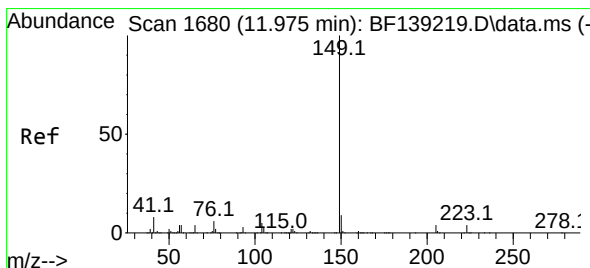
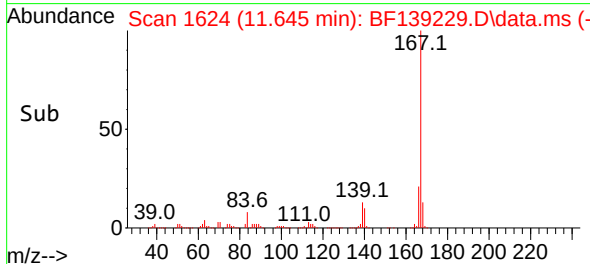
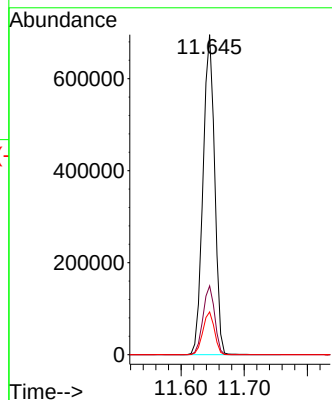
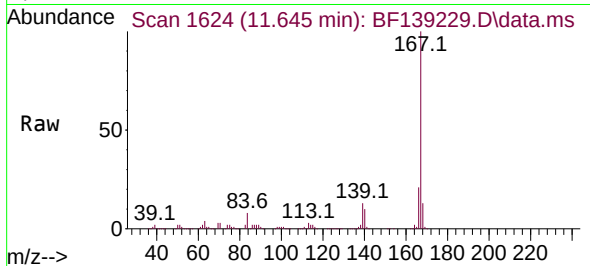




#73
Carbazole
Concen: 43.915 ng
RT: 11.645 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

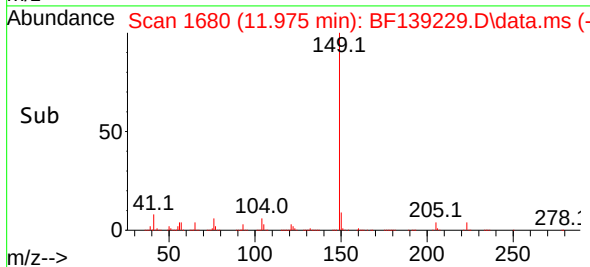
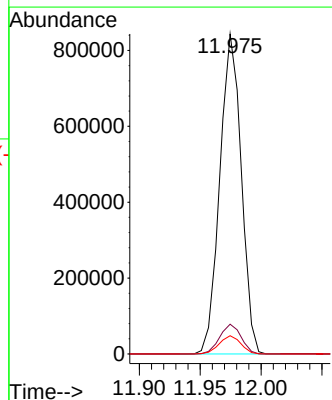
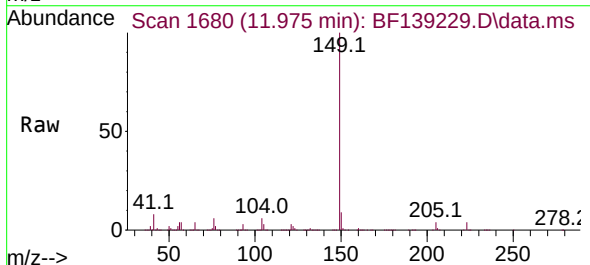
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

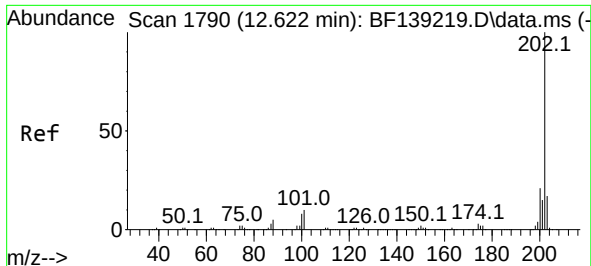
Tgt Ion:167 Resp: 891911
Ion Ratio Lower Upper
167 100
166 21.5 17.3 25.9
139 13.3 10.4 15.6



#74
Di-n-butylphthalate
Concen: 47.630 ng
RT: 11.975 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:149 Resp: 1034277
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.7 4.2 6.2

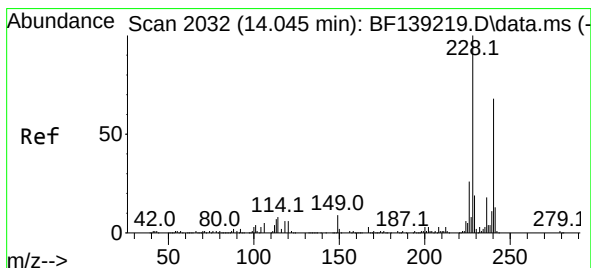
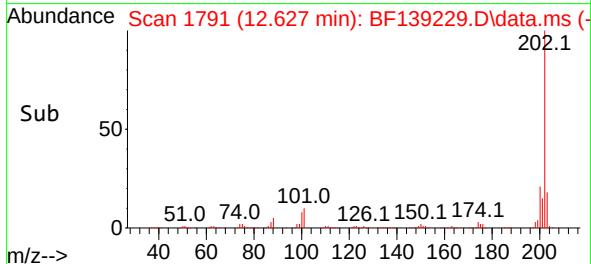
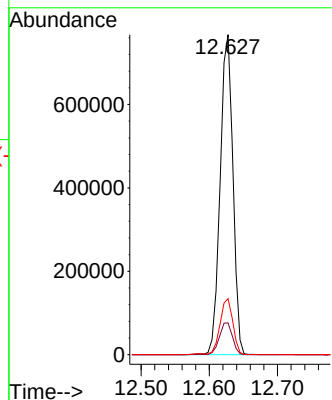
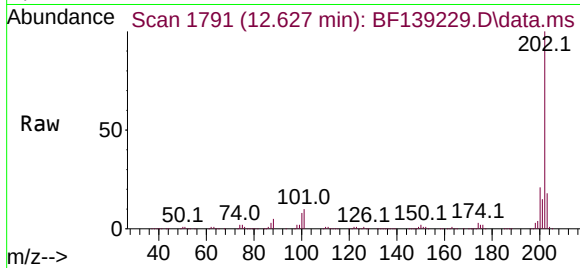




#75
Fluoranthene
Concen: 43.073 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

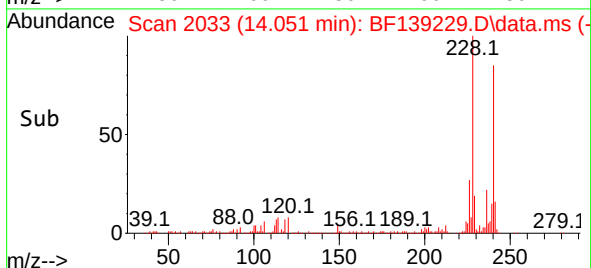
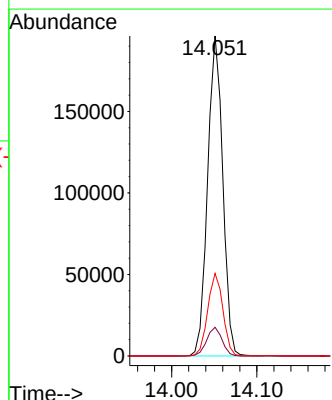
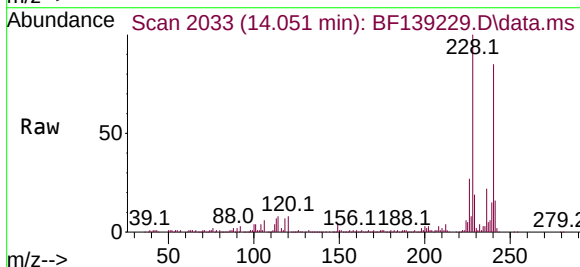
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

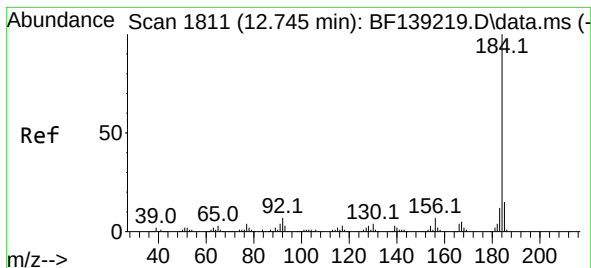
Tgt Ion:202 Resp: 1000030
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.2
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:240 Resp: 241855
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.2
236 25.8 20.9 31.3





#77

Benzidine

Concen: 4.625 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

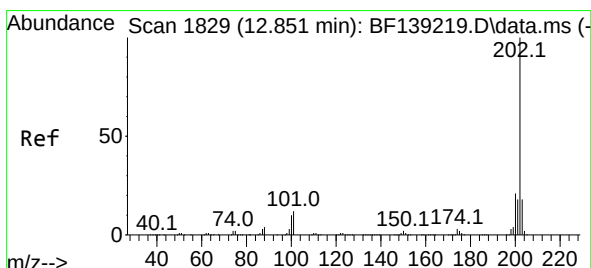
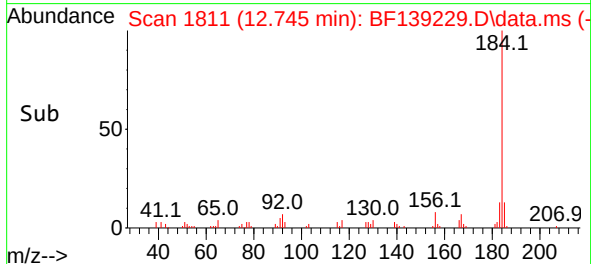
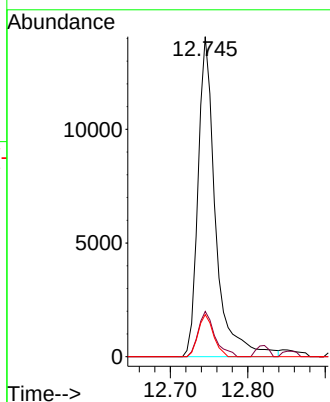
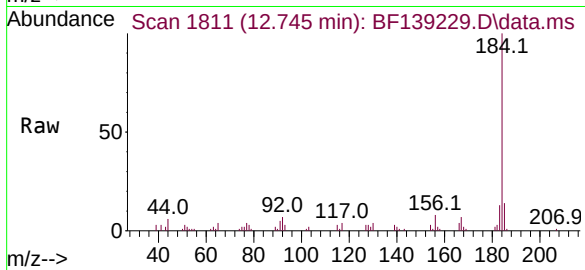
Tgt Ion:184 Resp: 22107

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

183 13.1 9.5 14.3



#78

Pyrene

Concen: 42.596 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

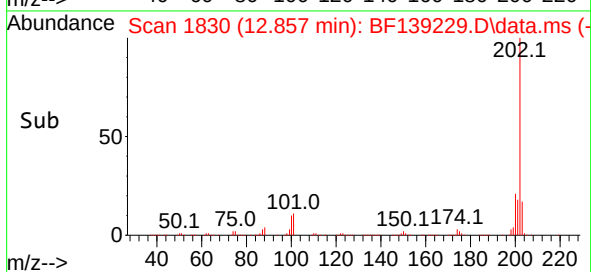
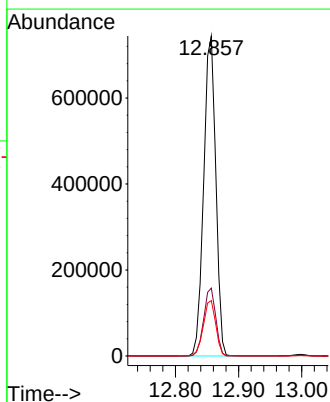
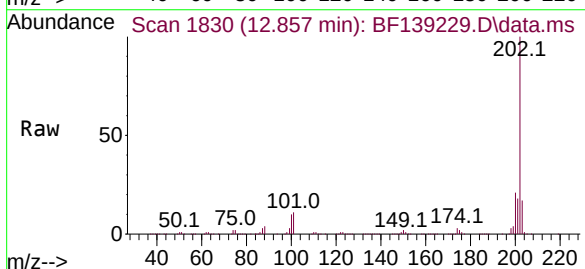
Tgt Ion:202 Resp: 989967

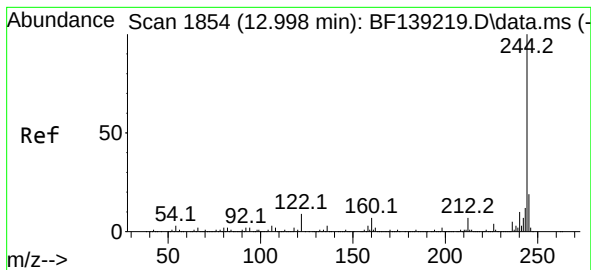
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

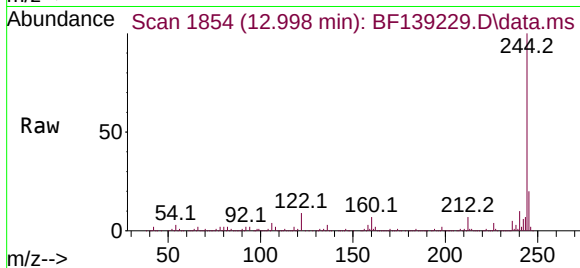
203 17.3 14.2 21.2



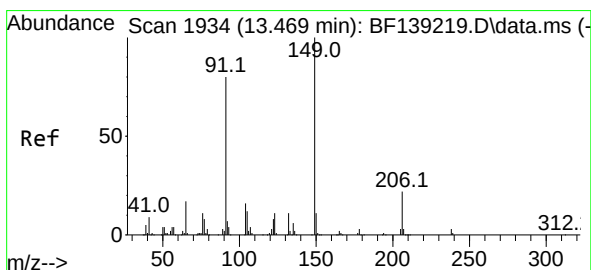
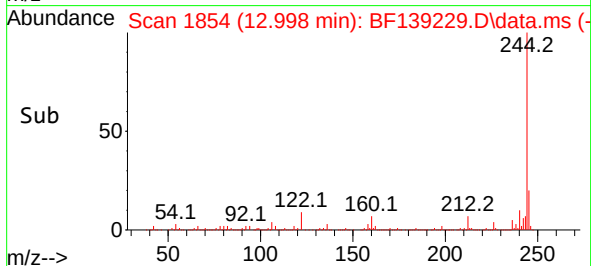
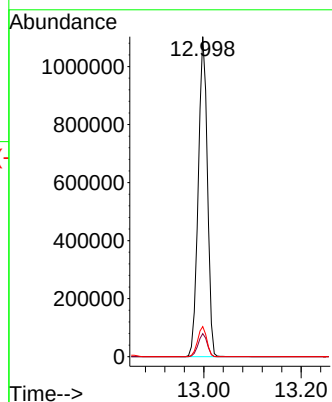


#79
Terphenyl-d14
Concen: 86.139 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB163089BSD

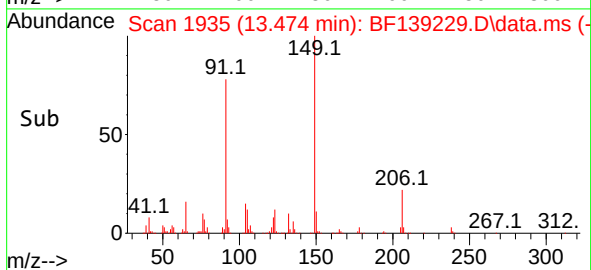
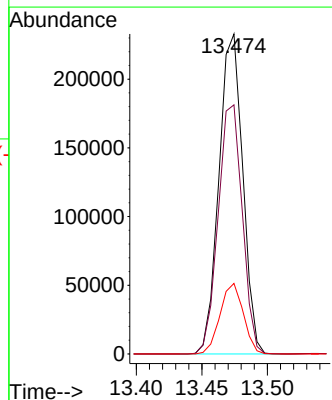
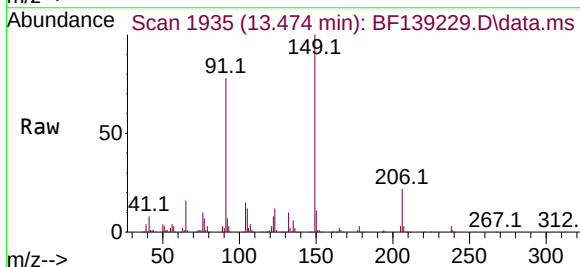


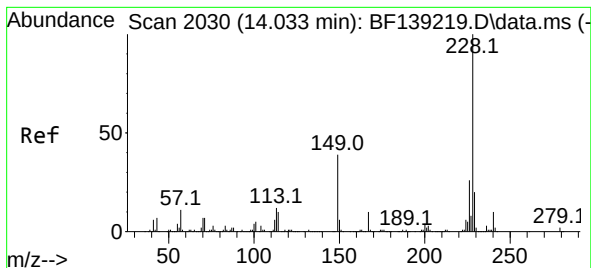
Tgt Ion:244 Resp: 1445296
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.4 7.4 11.2



#80
Butylbenzylphthalate
Concen: 54.227 ng
RT: 13.474 min Scan# 1935
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:149 Resp: 293700
Ion Ratio Lower Upper
149 100
91 77.9 64.0 96.0
206 22.1 17.8 26.6





#81

Benzo(a)anthracene

Concen: 45.403 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

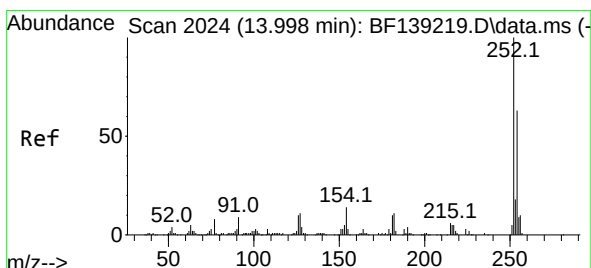
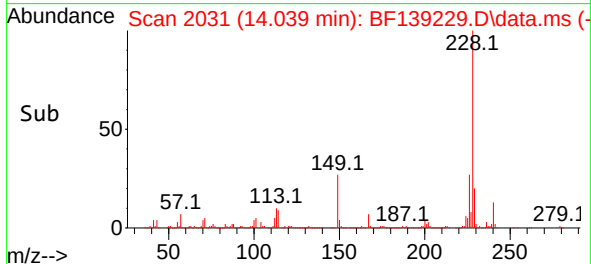
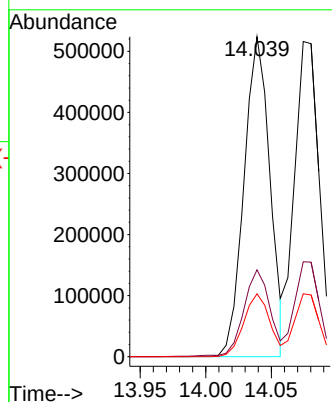
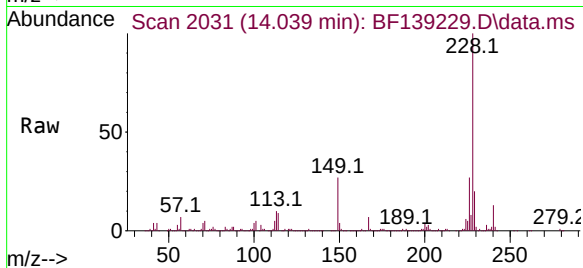
Tgt Ion:228 Resp: 719182

Ion Ratio Lower Upper

228 100

226 27.2 21.2 31.8

229 19.7 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 38.782 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

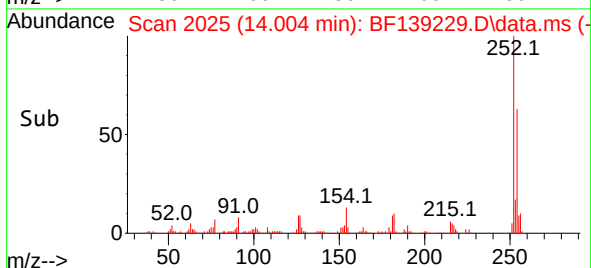
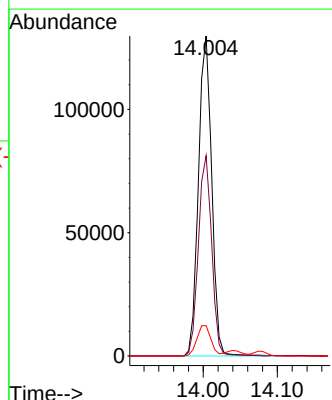
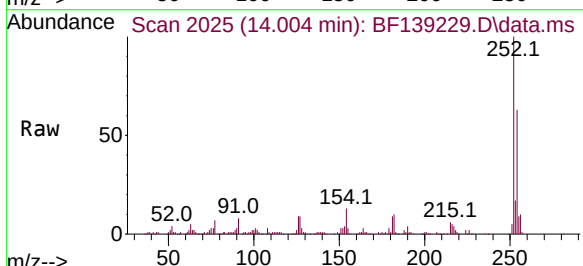
Tgt Ion:252 Resp: 161304

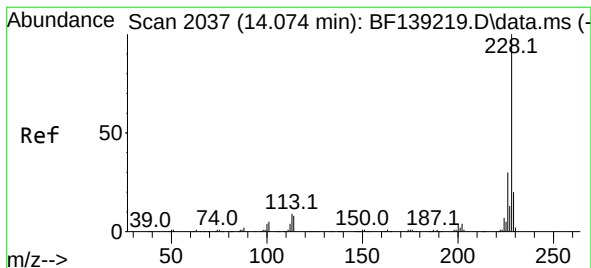
Ion Ratio Lower Upper

252 100

254 62.6 50.6 76.0

126 9.5 8.3 12.5





#83

Chrysene

Concen: 45.590 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

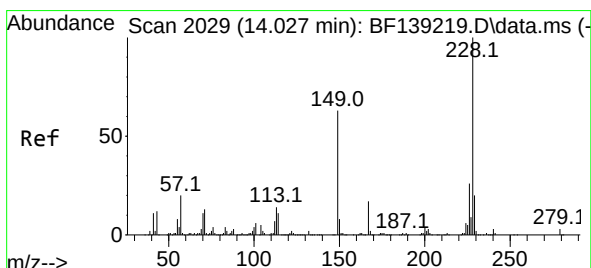
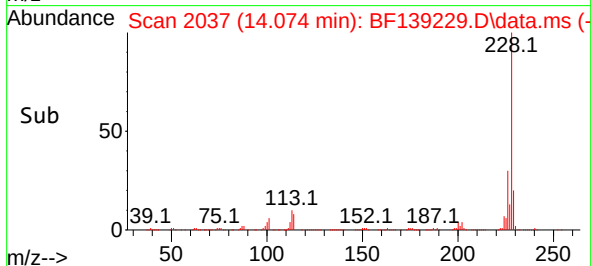
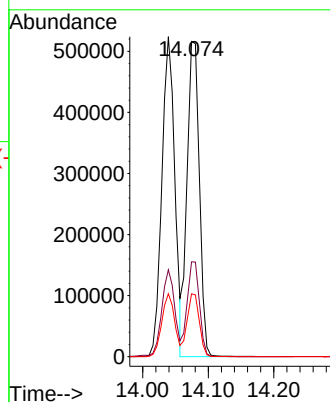
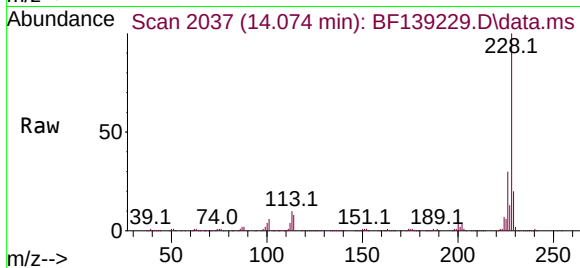
Tgt Ion:228 Resp: 672176

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.622 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

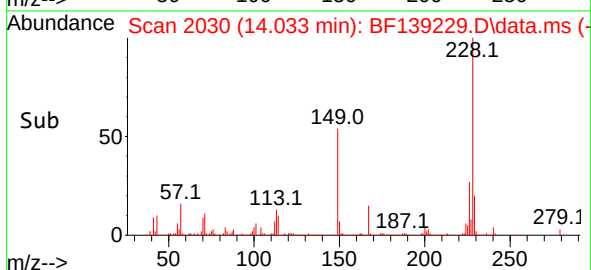
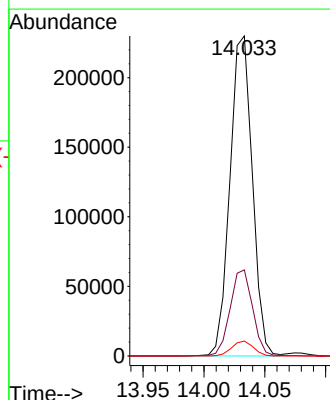
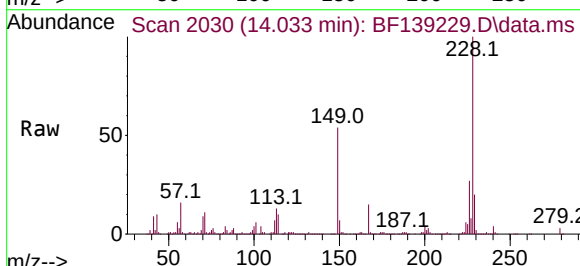
Tgt Ion:149 Resp: 294962

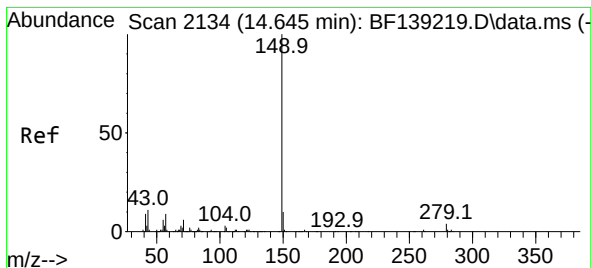
Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.6

279 4.7 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 47.565 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

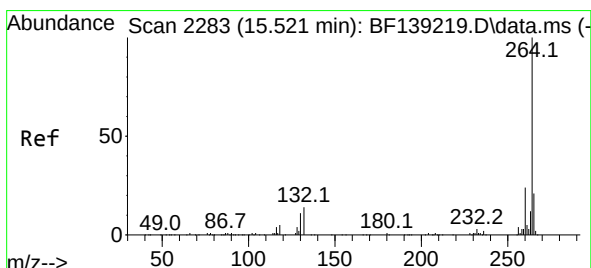
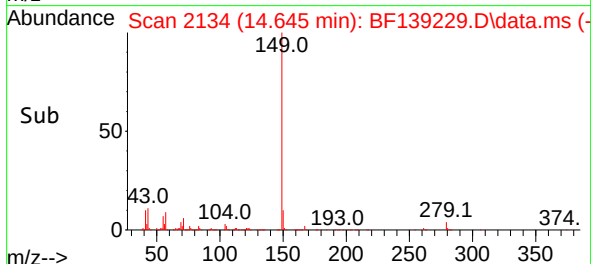
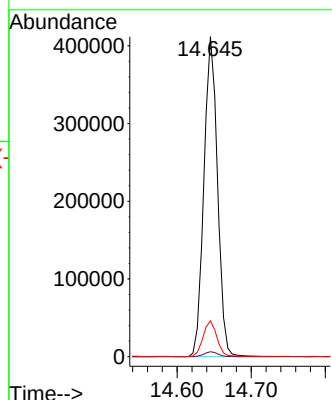
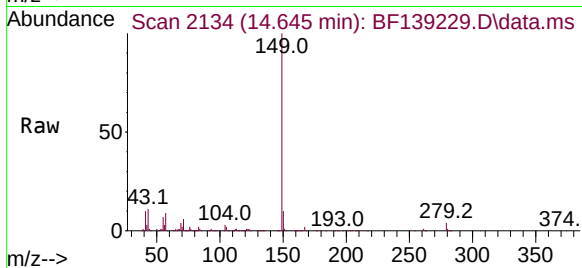
Tgt Ion:149 Resp: 524216

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.3 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.000 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

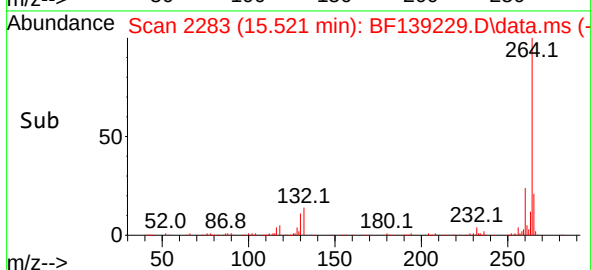
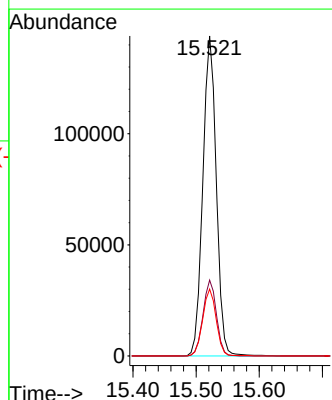
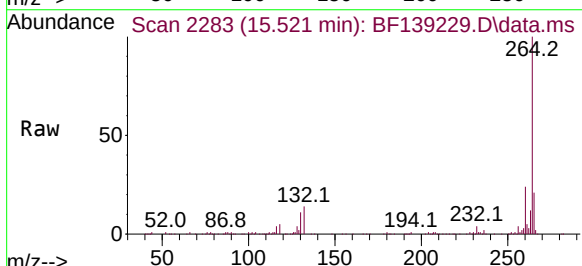
Tgt Ion:264 Resp: 213367

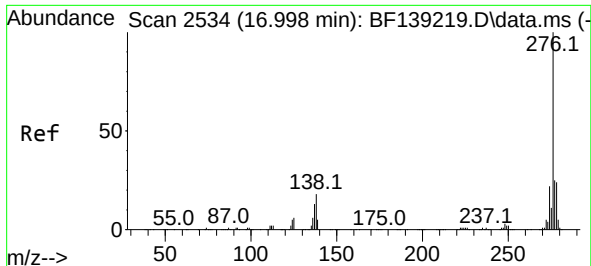
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 20.9 16.9 25.3

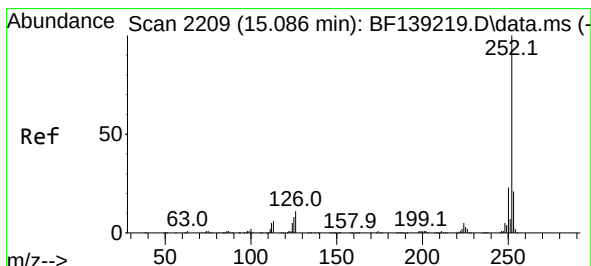
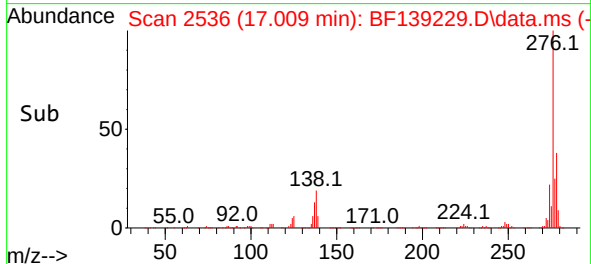
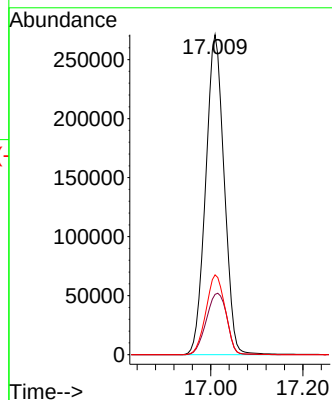
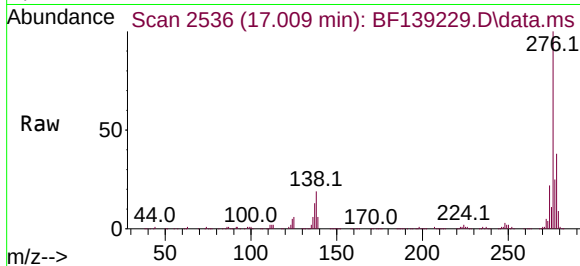




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.283 ng
RT: 17.009 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

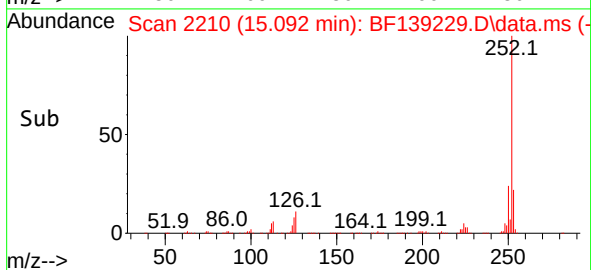
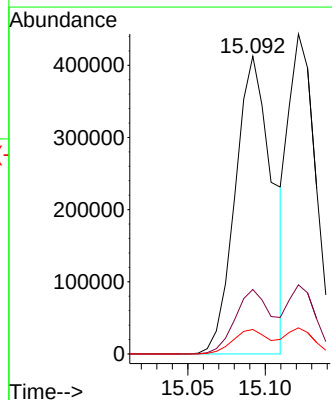
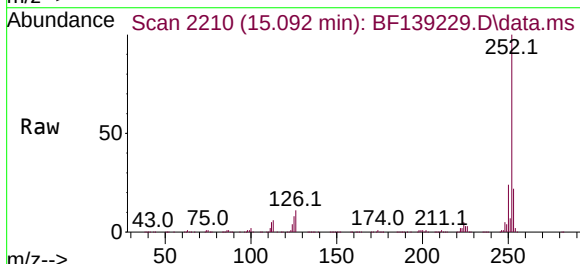
Instrument :
BNA_F
ClientSampleId :
PB163089BSD

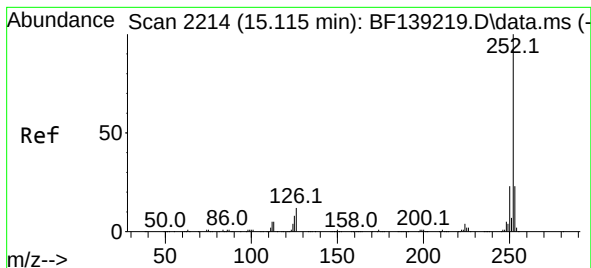
Tgt Ion:276 Resp: 756472
Ion Ratio Lower Upper
276 100
138 21.5 17.0 25.6
277 26.0 20.6 31.0



#88
Benzo(b)fluoranthene
Concen: 53.390 ng
RT: 15.092 min Scan# 2210
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:252 Resp: 682293
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 8.2 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 48.544 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

Instrument :

BNA_F

ClientSampleId :

PB163089BSD

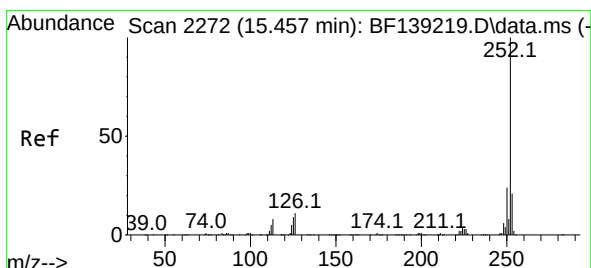
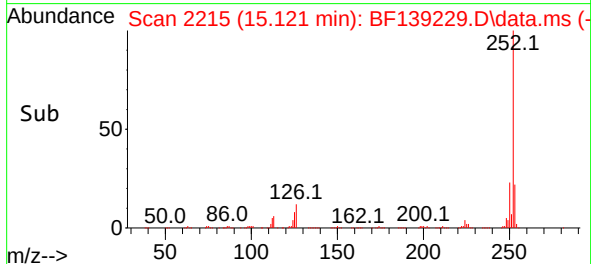
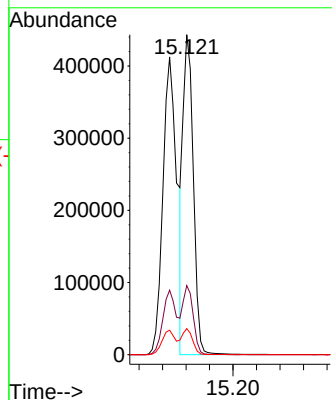
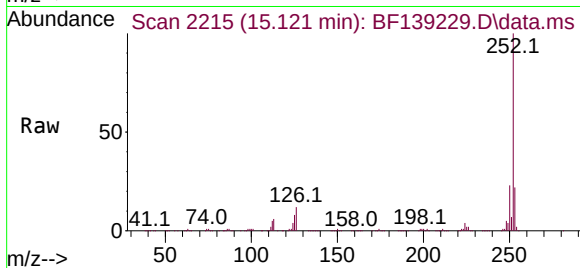
Tgt Ion:252 Resp: 540956

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.1 6.8 10.2



#90

Benzo(a)pyrene

Concen: 53.159 ng

RT: 15.463 min Scan# 2273

Delta R.T. 0.006 min

Lab File: BF139229.D

Acq: 03 Sep 2024 11:53

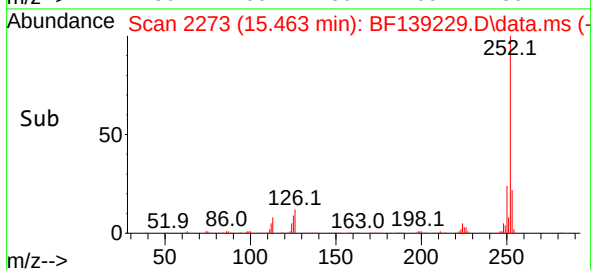
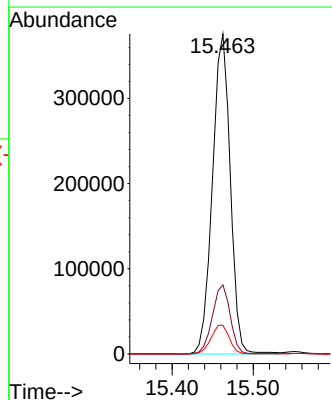
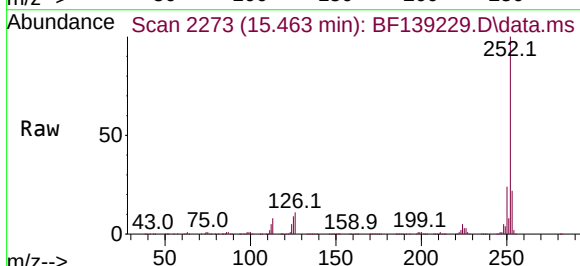
Tgt Ion:252 Resp: 572826

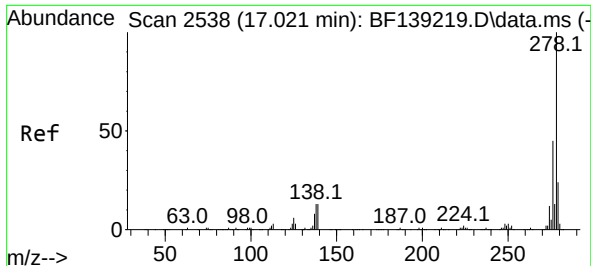
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 9.0 7.4 11.2

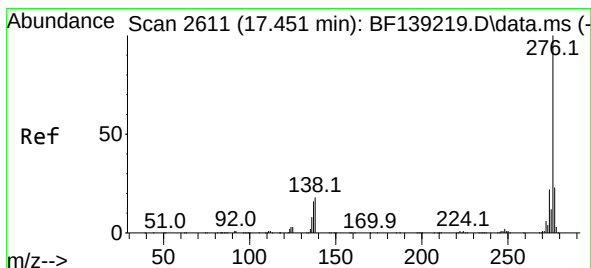
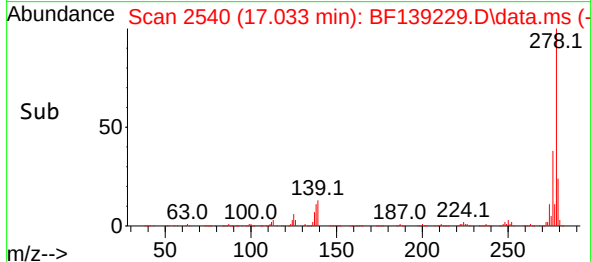
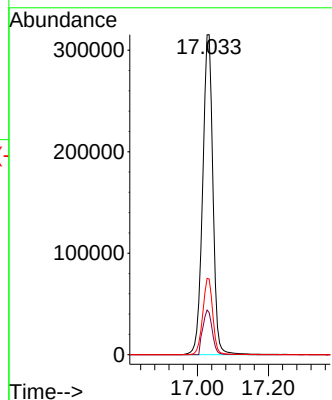
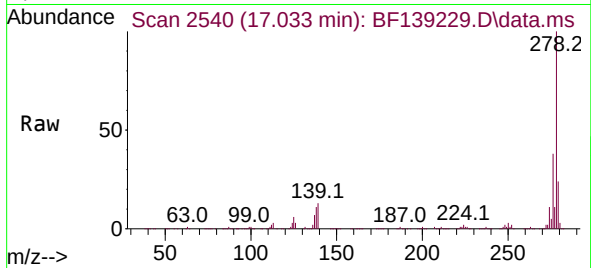




#91
Dibenzo(a,h)anthracene
Concen: 50.723 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Instrument :
BNA_F
ClientSampleId :
PB163089BSD

Tgt Ion:278 Resp: 635009
Ion Ratio Lower Upper
278 100
139 13.2 10.8 16.2
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 47.272 ng
RT: 17.456 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF139229.D
Acq: 03 Sep 2024 11:53

Tgt Ion:276 Resp: 596471
Ion Ratio Lower Upper
276 100
277 23.7 18.6 27.8
138 18.5 14.5 21.7

