

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139717.D
 Acq On : 09 Oct 2024 12:37
 Operator : RC/JU
 Sample : PB163987BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163987BS

Quant Time: Oct 09 13:24:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	104485	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	400008	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	224940	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	413544	20.000	ng	0.00
76) Chrysene-d12	14.033	240	217053	20.000	ng	0.00
86) Perylene-d12	15.498	264	191631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	729061	120.940	ng	0.01
7) Phenol-d6	6.504	99	968443	119.461	ng	0.00
23) Nitrobenzene-d5	7.434	82	638798	80.855	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	258150	118.885	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1173602	80.097	ng	0.00
79) Terphenyl-d14	12.974	244	1214499	91.811	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	104480	40.088	ng	98
3) Pyridine	3.481	79	273647	43.171	ng	96
4) n-Nitrosodimethylamine	3.440	42	184454	44.457	ng	95
6) Aniline	6.534	93	336422	46.766	ng	99
8) 2-Chlorophenol	6.651	128	312837	48.437	ng	99
9) Benzaldehyde	6.416	77	91840	21.386	ng	99
10) Phenol	6.522	94	403706	47.360	ng	86
11) bis(2-Chloroethyl)ether	6.604	93	307090	44.246	ng	99
12) 1,3-Dichlorobenzene	6.810	146	320353	44.091	ng	98
13) 1,4-Dichlorobenzene	6.887	146	323573	43.971	ng	100
14) 1,2-Dichlorobenzene	7.034	146	310110	44.965	ng	100
15) Benzyl Alcohol	7.010	79	289655	46.763	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	553465	46.063	ng	88
17) 2-Methylphenol	7.128	107	253548	47.025	ng	97
18) Hexachloroethane	7.375	117	122647	44.684	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	237354	45.540	ng	98
20) 3+4-Methylphenols	7.281	107	315248	46.549	ng	95
22) Acetophenone	7.275	105	424407	44.698	ng	98
24) Nitrobenzene	7.451	77	357513	43.700	ng	100
25) Isophorone	7.692	82	641309	45.702	ng	100
26) 2-Nitrophenol	7.769	139	169185	48.105	ng	97
27) 2,4-Dimethylphenol	7.804	122	255377	59.314	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	383155	45.727	ng	99
29) 2,4-Dichlorophenol	8.010	162	263303	46.885	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	276505	43.537	ng	99
31) Naphthalene	8.169	128	919925	44.980	ng	99
32) Benzoic acid	7.939	122	195543	45.675	ng	98
33) 4-Chloroaniline	8.222	127	128409	18.549	ng	99
34) Hexachlorobutadiene	8.287	225	176947	43.053	ng	99
35) Caprolactam	8.598	113	57208	31.058	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	293043	46.096	ng	99
37) 2-Methylnaphthalene	8.863	142	600934	45.115	ng	100
38) 1-Methylnaphthalene	8.963	142	558992	42.933	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	283250	45.347	ng	98
41) Hexachlorocyclopentadiene	9.010	237	329542	172.060	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	193358	45.920	ng	98

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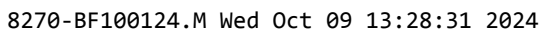
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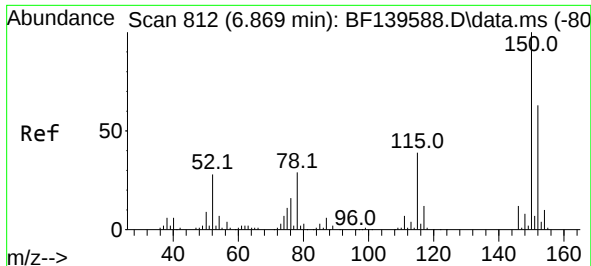
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	208896	46.002	ng	97
46) 1,1'-Biphenyl	9.328	154	752616	44.985	ng	100
47) 2-Chloronaphthalene	9.351	162	562110	44.817	ng	99
48) 2-Nitroaniline	9.451	65	211681	47.016	ng	99
49) Acenaphthylene	9.769	152	918492	48.154	ng	99
50) Dimethylphthalate	9.628	163	683086	46.390	ng	100
51) 2,6-Dinitrotoluene	9.692	165	151076	45.419	ng	95
52) Acenaphthene	9.939	154	564834	43.136	ng	99
53) 3-Nitroaniline	9.863	138	96097	28.271	ng	98
54) 2,4-Dinitrophenol	9.975	184	181071	101.209	ng	97
55) Dibenzofuran	10.110	168	839023	45.764	ng	100
56) 4-Nitrophenol	10.033	139	233418	90.048	ng	95
57) 2,4-Dinitrotoluene	10.098	165	203066	46.705	ng	99
58) Fluorene	10.457	166	661549	45.304	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	180261	49.149	ng	96
60) Diethylphthalate	10.328	149	694165	45.642	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	318262	43.565	ng	98
62) 4-Nitroaniline	10.480	138	161771	46.527	ng	97
63) Azobenzene	10.604	77	701733	45.879	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	117363	50.249	ng	94
66) n-Nitrosodiphenylamine	10.569	169	581108	47.672	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	195304	46.061	ng	98
68) Hexachlorobenzene	11.004	284	217879	46.308	ng	96
69) Atrazine	11.092	200	189237	57.861	ng	98
70) Pentachlorophenol	11.198	266	241366	86.153	ng	98
71) Phenanthrene	11.416	178	935217	47.963	ng	100
72) Anthracene	11.469	178	959005	49.714	ng	99
73) Carbazole	11.628	167	859367	46.384	ng	100
74) Di-n-butylphthalate	11.951	149	1060232	47.059	ng	99
75) Fluoranthene	12.604	202	971525	45.579	ng	99
77) Benzidine	12.727	184	323957	84.616	ng	100
78) Pyrene	12.833	202	981164	50.542	ng	99
80) Butylbenzylphthalate	13.451	149	350170	50.429	ng	97
81) Benzo(a)anthracene	14.021	228	690747	48.404	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	143956	32.962	ng	99
83) Chrysene	14.057	228	629903	48.280	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	437846	50.497	ng	99
85) Di-n-octyl phthalate	14.616	149	642140	50.410	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	630880	55.934	ng	100
88) Benzo(b)fluoranthene	15.074	252	559382	45.146	ng	99
89) Benzo(k)fluoranthene	15.104	252	509238	48.450	ng	99
90) Benzo(a)pyrene	15.439	252	507613	51.957	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	517184	55.285	ng	99
92) Benzo(g,h,i)perylene	17.427	276	481149	51.284	ng	100

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

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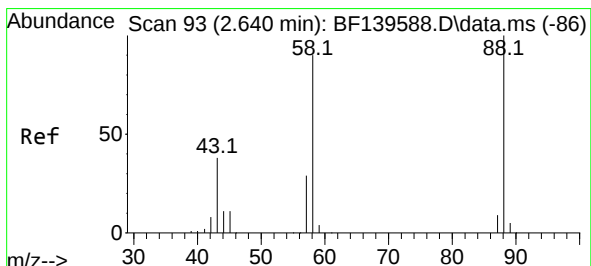
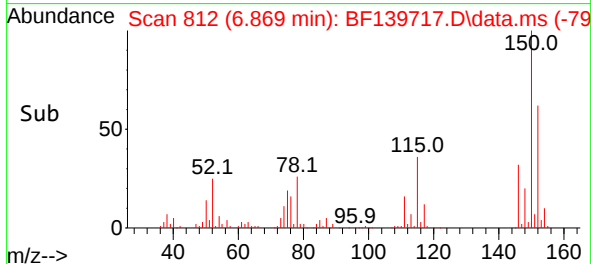
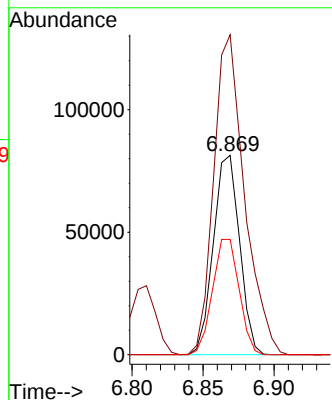
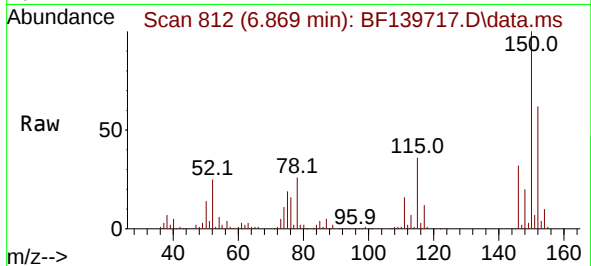




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139717.D
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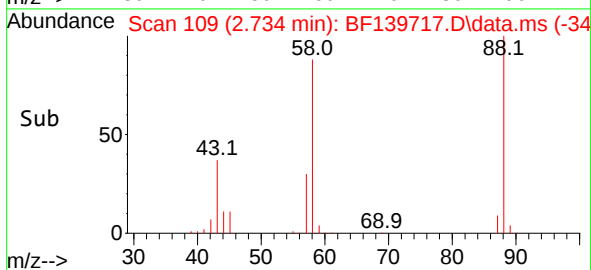
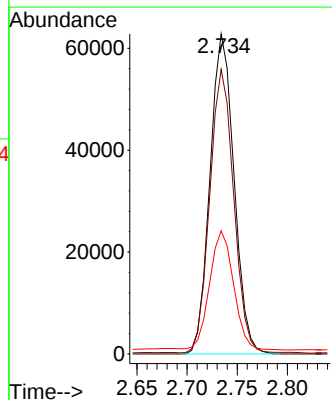
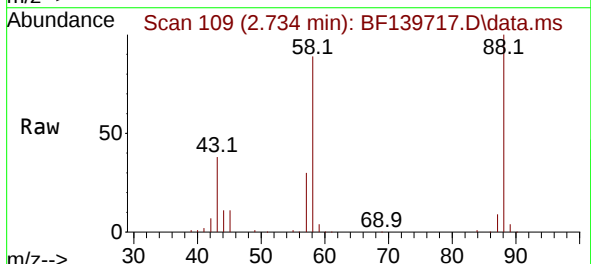
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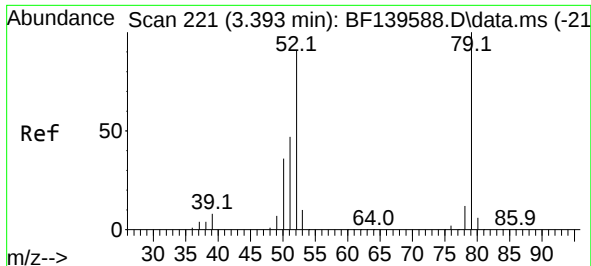
Tgt Ion:152 Resp: 104485
Ion Ratio Lower Upper
152 100
150 160.5 127.2 190.8
115 57.9 49.0 73.4



#2
1,4-Dioxane
Concen: 40.088 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.094 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 88 Resp: 104480
Ion Ratio Lower Upper
88 100
58 88.6 72.0 108.0
43 37.2 30.8 46.2

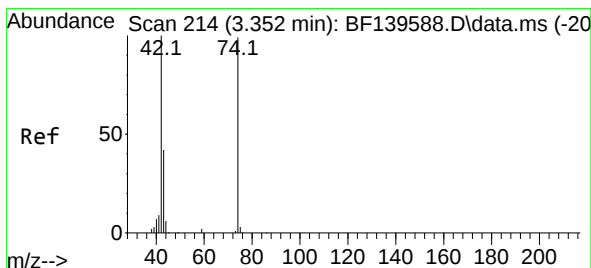
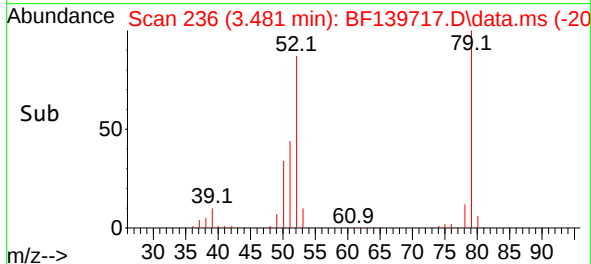
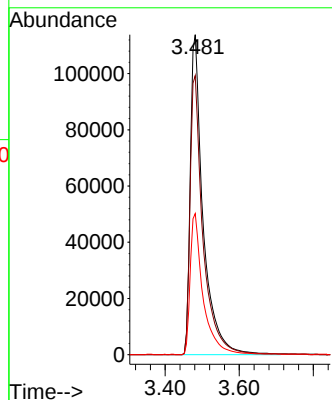
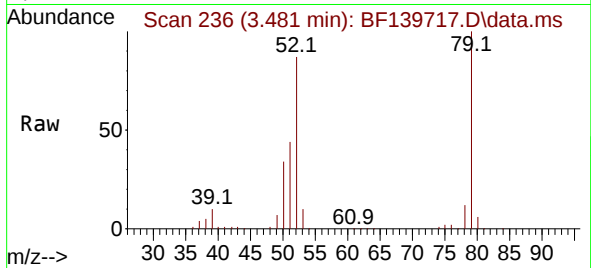




#3
Pyridine
Concen: 43.171 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

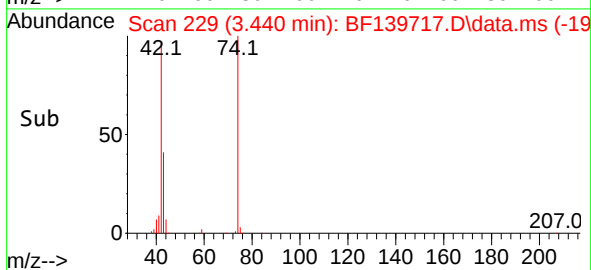
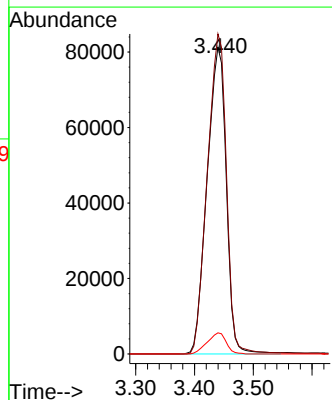
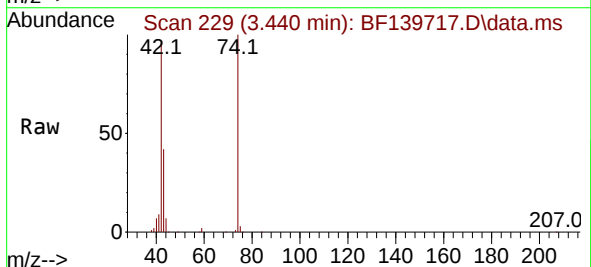
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BNA_F
ClientSampleId :
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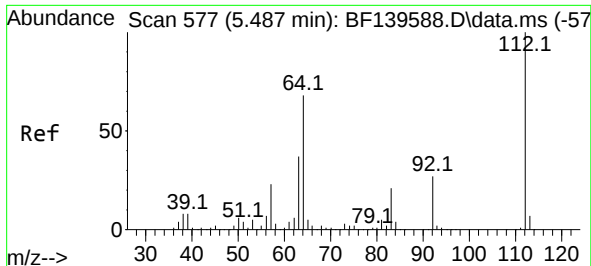
Tgt Ion: 79 Resp: 273647
Ion Ratio Lower Upper
79 100
52 87.2 72.6 109.0
51 44.1 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 44.457 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.088 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 42 Resp: 184454
Ion Ratio Lower Upper
42 100
74 104.3 79.0 118.6
44 6.9 5.2 7.8

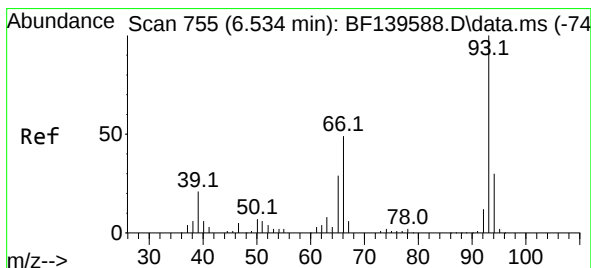
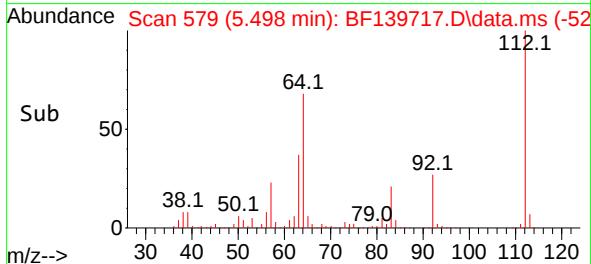
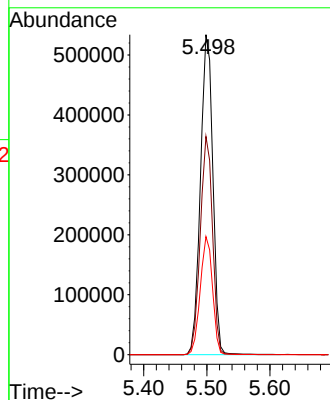
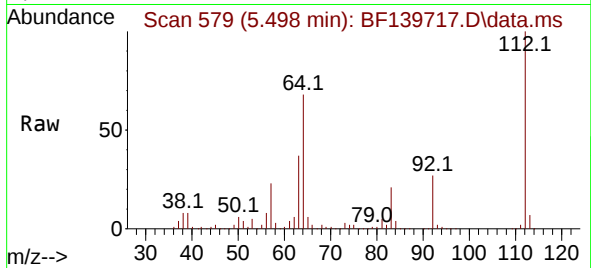




#5
2-Fluorophenol
Concen: 120.940 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

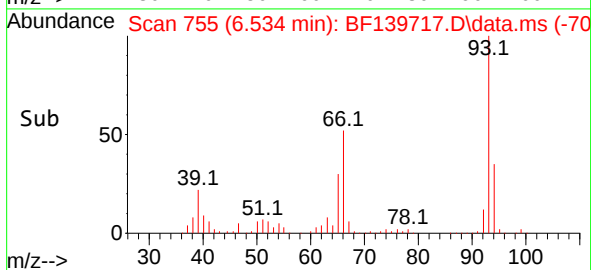
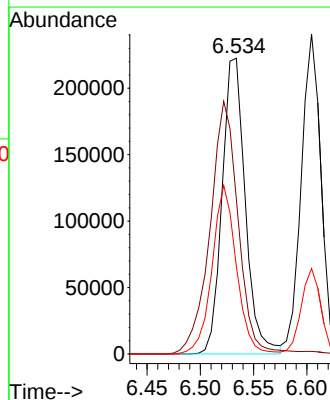
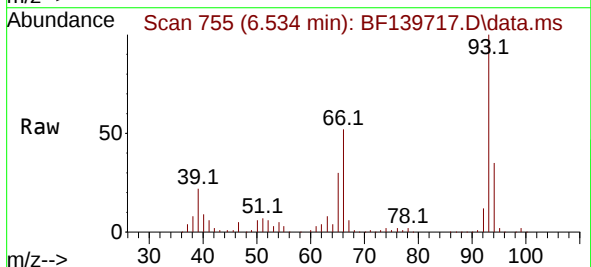
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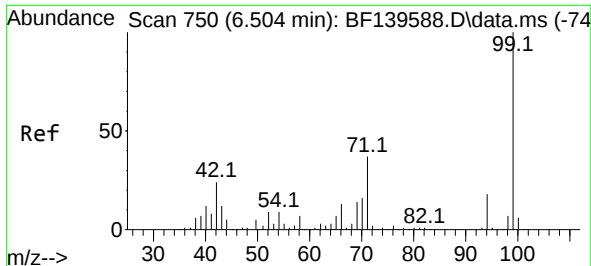
Tgt Ion:112 Resp: 729061
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.4
63 36.9 29.4 44.2



#6
Aniline
Concen: 46.766 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 93 Resp: 336422
Ion Ratio Lower Upper
93 100
66 52.3 40.9 61.3
65 29.6 23.3 34.9

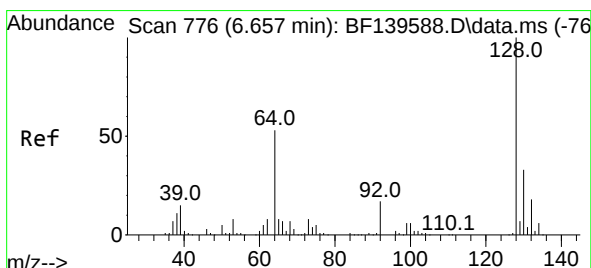
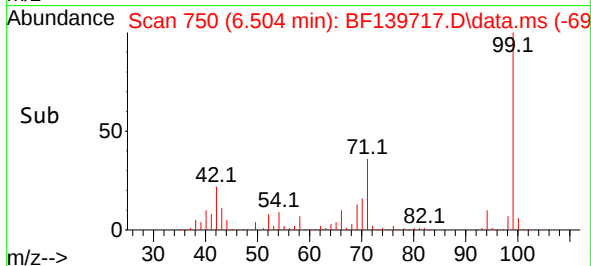
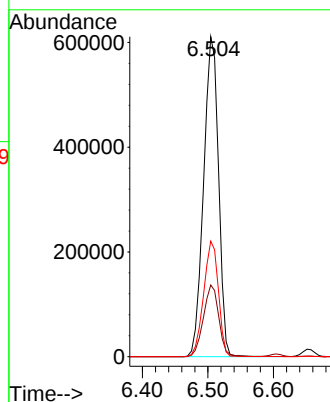
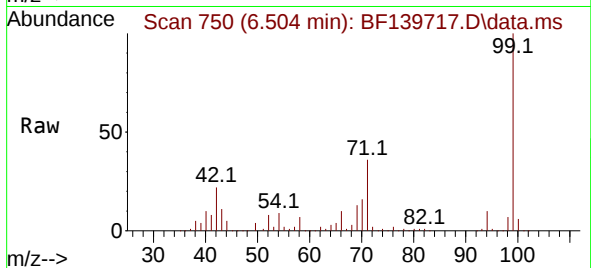




#7
Phenol-d6
Concen: 119.461 ng
RT: 6.504 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

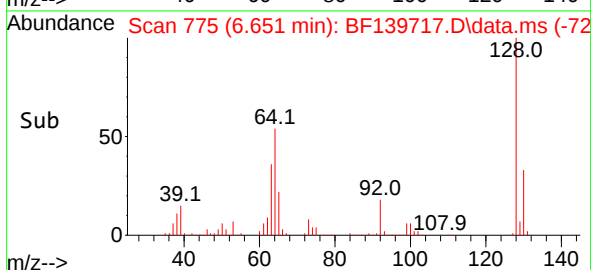
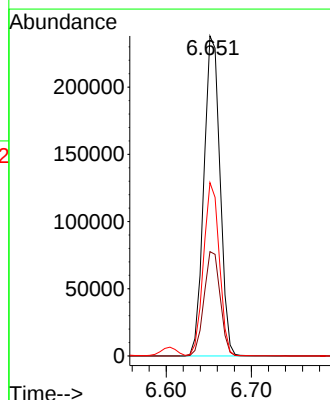
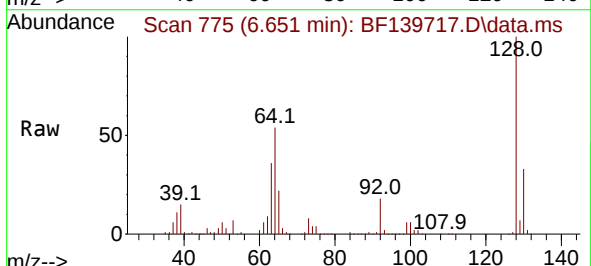
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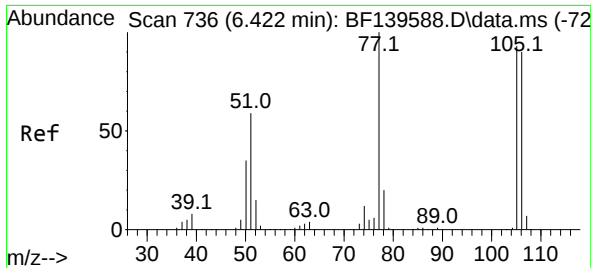
Tgt Ion: 99 Resp: 968443
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 36.1 29.7 44.5



#8
2-Chlorophenol
Concen: 48.437 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:128 Resp: 312837
Ion Ratio Lower Upper
128 100
130 32.6 13.2 53.2
64 54.1 35.1 75.1

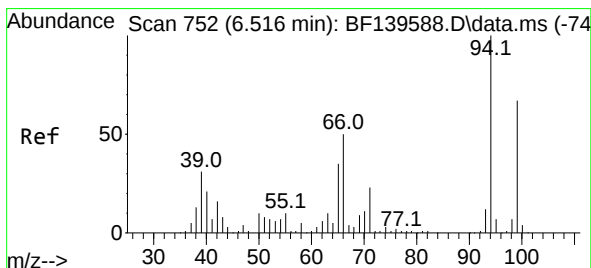
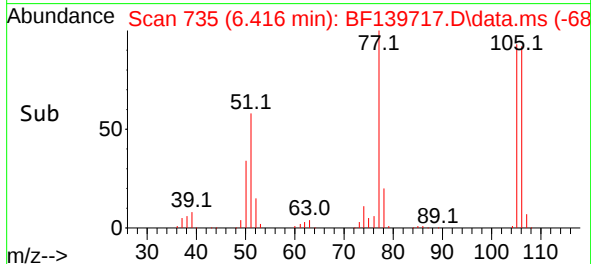
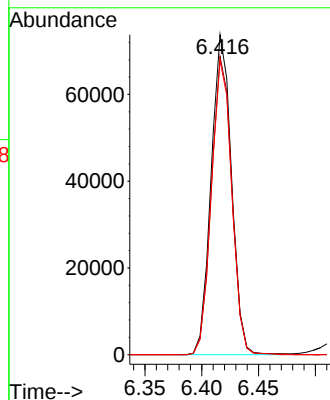
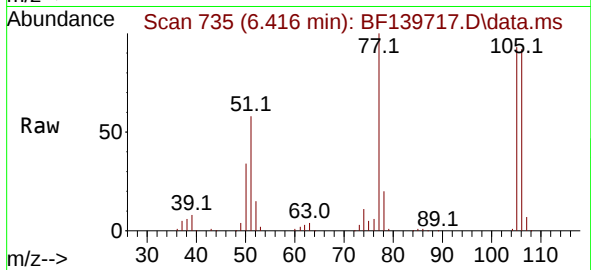




#9
Benzaldehyde
Concen: 21.386 ng
RT: 6.416 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF139717.D
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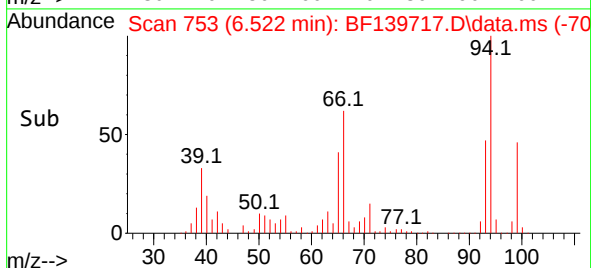
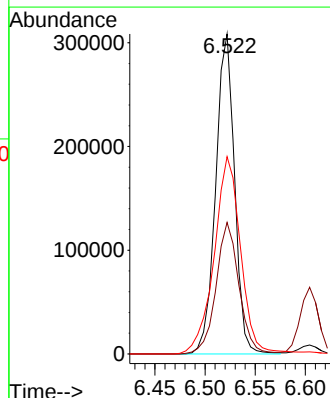
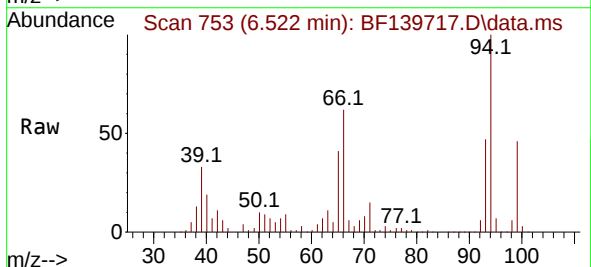
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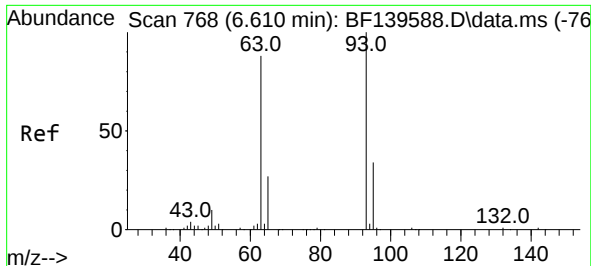
Tgt Ion:	77	Resp:	91840
Ion	Ratio	Lower	Upper
77	100		
105	93.2	72.7	112.7
106	91.9	70.1	110.1



#10
Phenol
Concen: 47.360 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:	94	Resp:	403706
Ion	Ratio	Lower	Upper
94	100		
65	41.1	15.3	55.3
66	61.6	30.5	70.5





#11

bis(2-Chloroethyl)ether

Concen: 44.246 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Instrument :

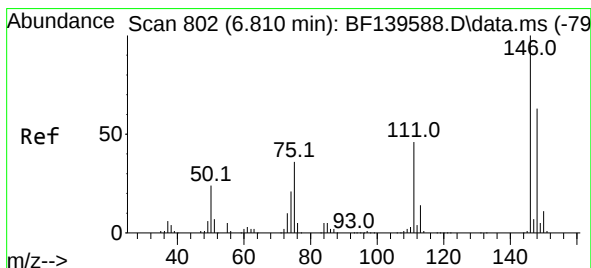
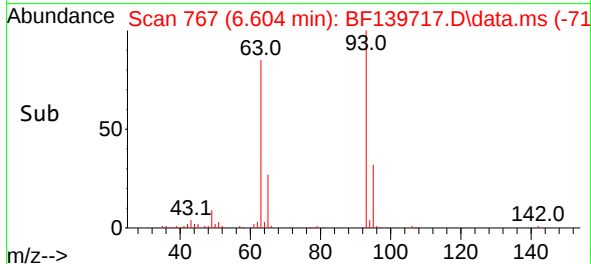
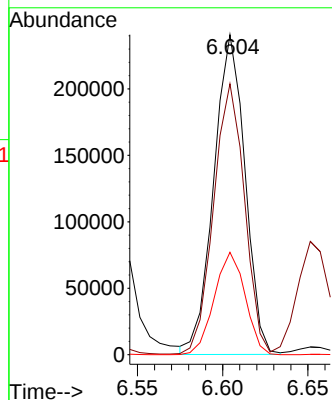
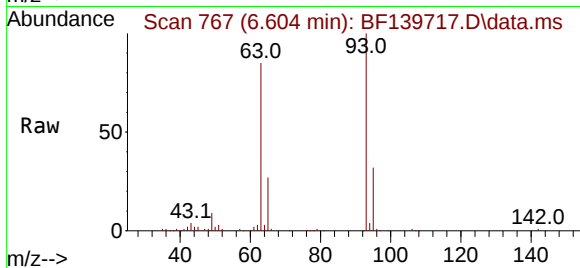
BNA_F

ClientSampleId :

PB163987BS

Tgt Ion: 93 Resp: 307090

Ion	Ratio	Lower	Upper
93	100		
63	84.6	64.1	104.1
95	32.0	12.3	52.3



#12

1,3-Dichlorobenzene

Concen: 44.091 ng

RT: 6.810 min Scan# 802

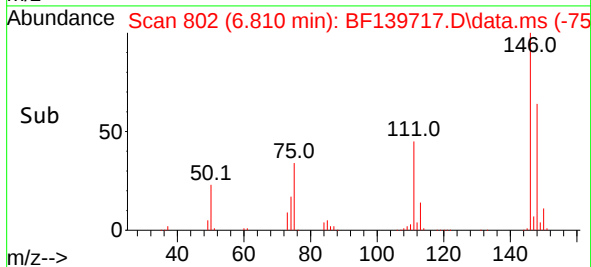
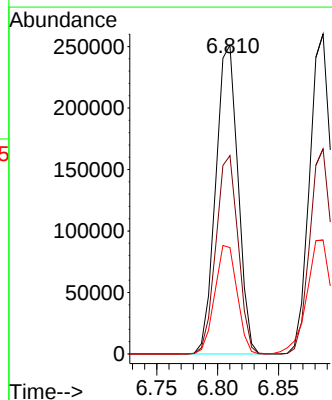
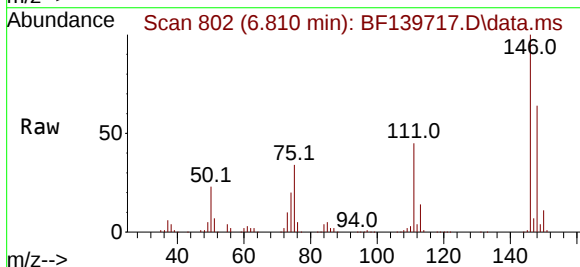
Delta R.T. -0.000 min

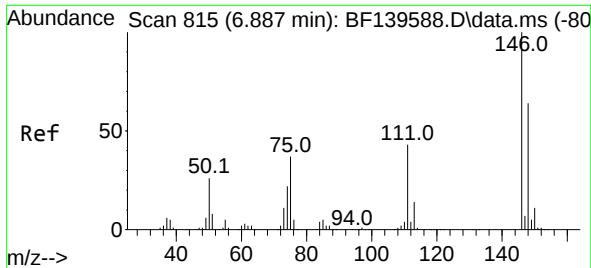
Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Tgt Ion: 146 Resp: 320353

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.4
75	34.5	28.5	42.7

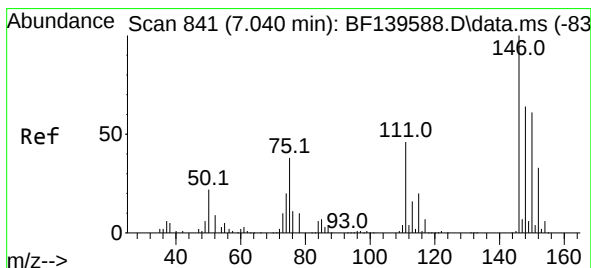
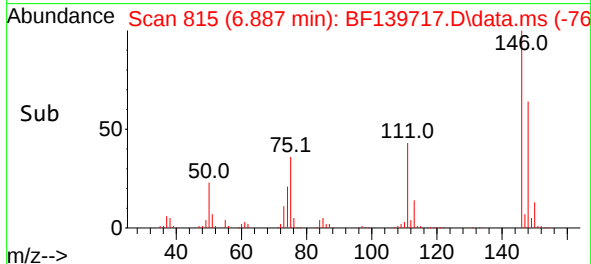
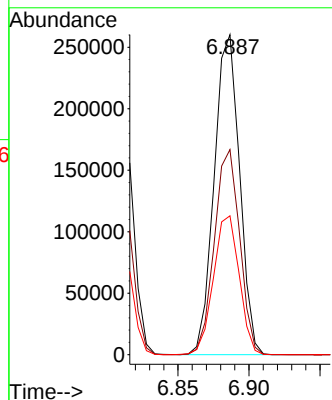
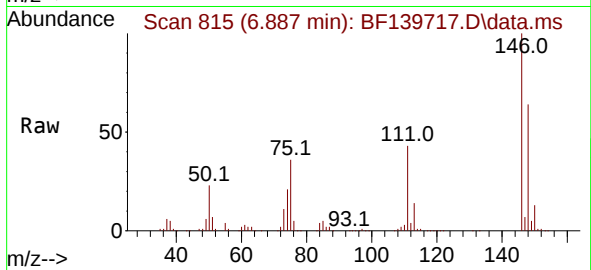




#13
1,4-Dichlorobenzene
Concen: 43.971 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

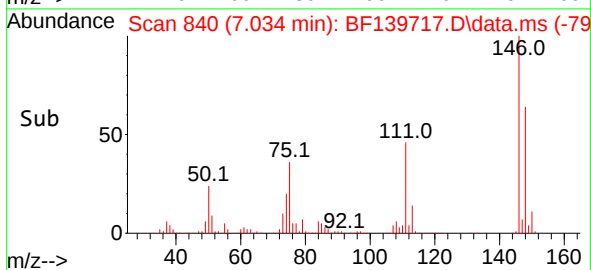
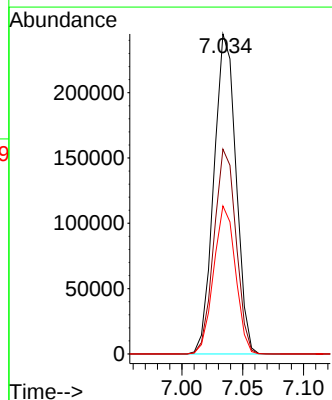
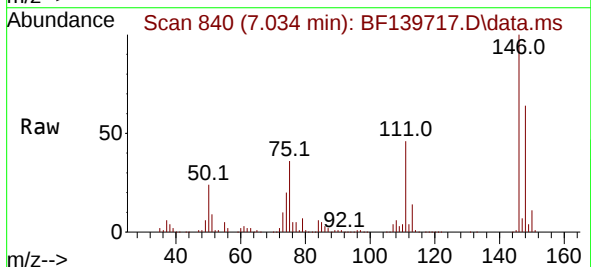
Instrument :
BNA_F
ClientSampleId :
PB163987BS

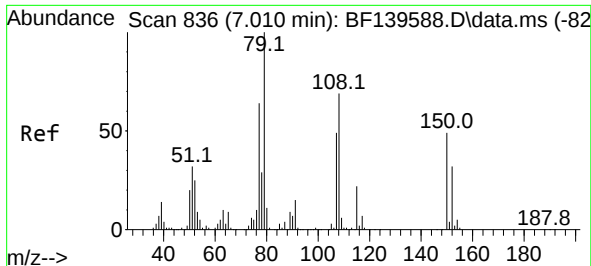
Tgt Ion:146 Resp: 323573
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 43.4 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 44.965 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:146 Resp: 310110
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
111 46.3 37.0 55.6

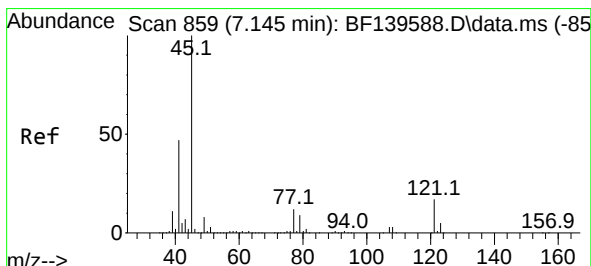
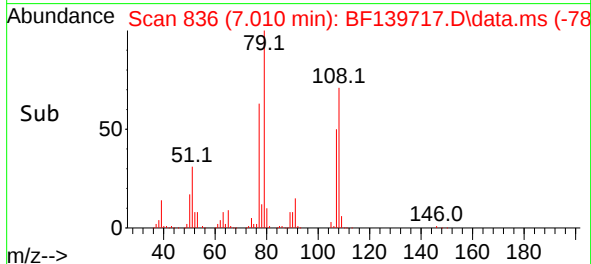
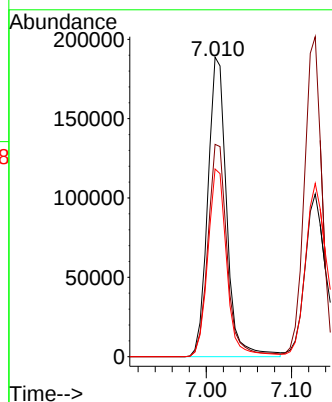
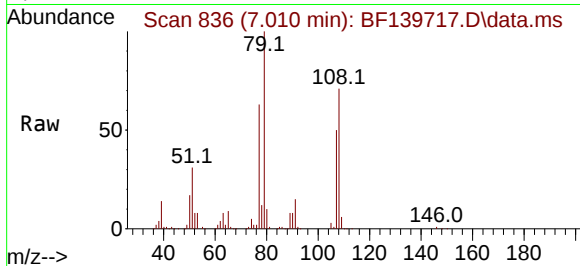




#15
Benzyl Alcohol
Concen: 46.763 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

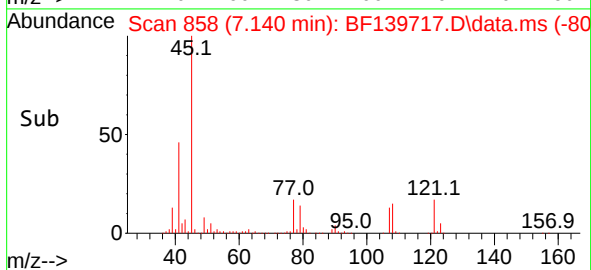
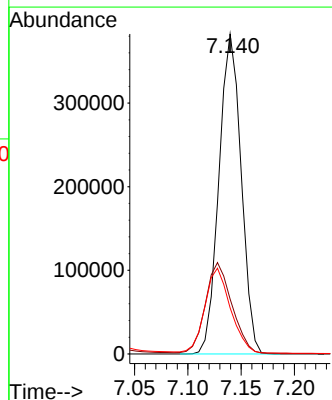
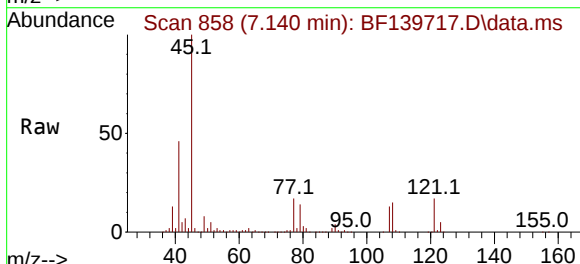
Instrument :
BNA_F
ClientSampleId :
PB163987BS

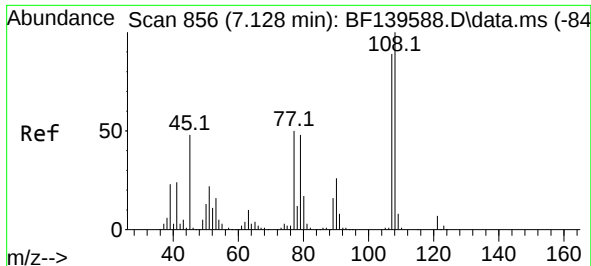
Tgt Ion: 79 Resp: 289655
Ion Ratio Lower Upper
79 100
108 70.9 55.1 82.7
77 62.6 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.063 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 45 Resp: 553465
Ion Ratio Lower Upper
45 100
77 17.2 0.0 32.5
79 14.4 0.0 29.7

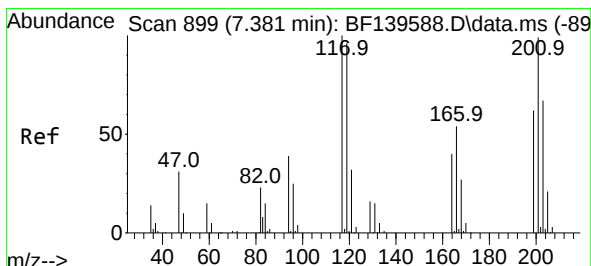
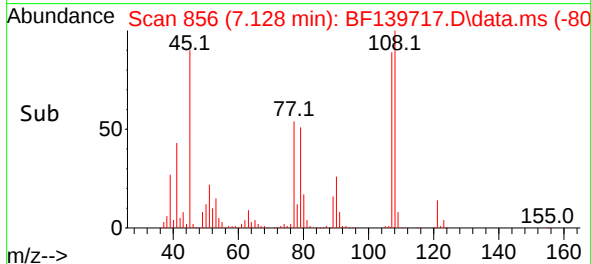
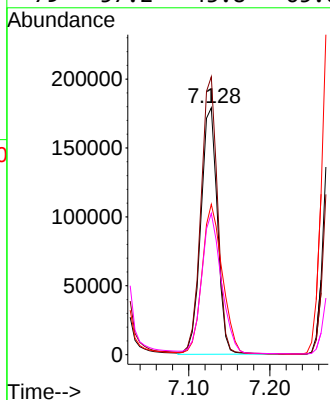
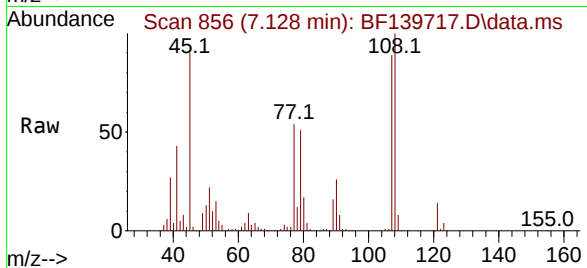




#17
2-Methylphenol
Concen: 47.025 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

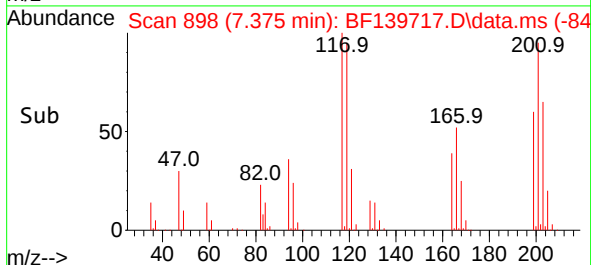
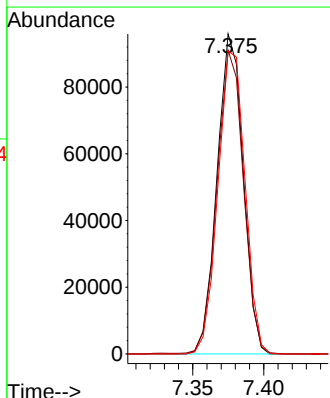
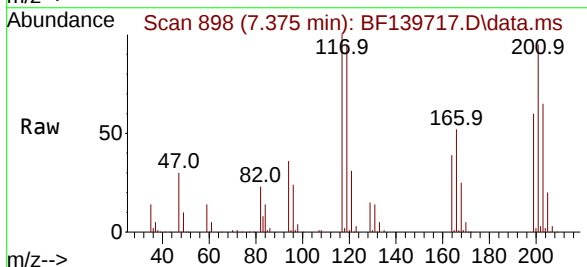
Instrument :
BNA_F
ClientSampleId :
PB163987BS

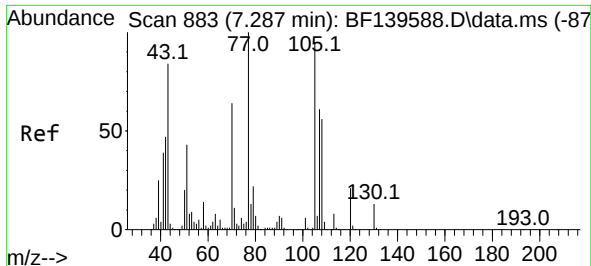
Tgt Ion:	107	Resp:	253548
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.8	134.6
77	60.9	44.6	67.0
79	57.2	43.8	65.6



#18
Hexachloroethane
Concen: 44.684 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:	117	Resp:	122647
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.0	115.6
201	94.7	79.2	118.8

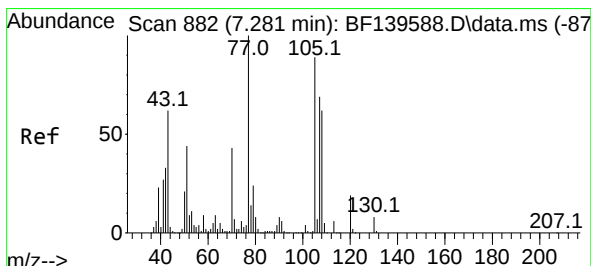
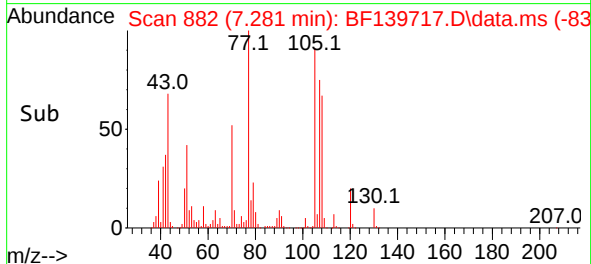
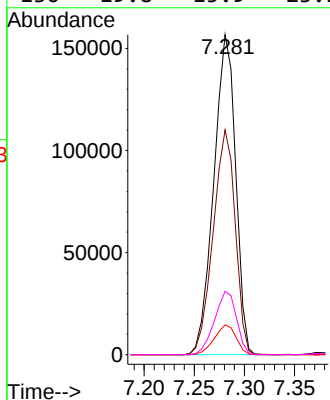
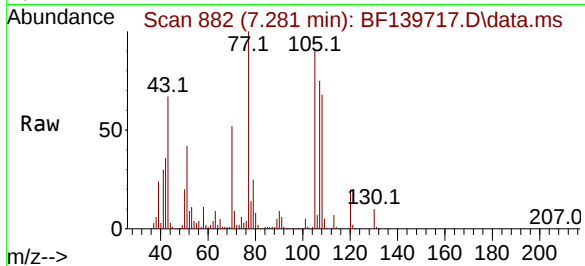




#19
n-Nitroso-di-n-propylamine
Concen: 45.540 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

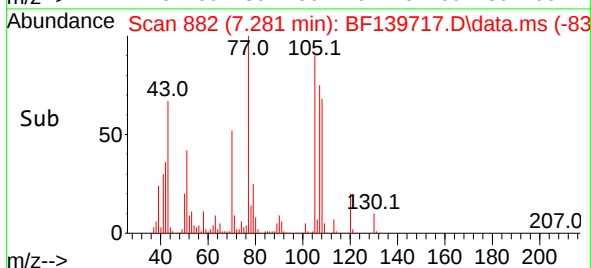
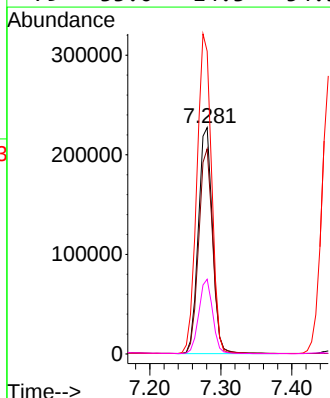
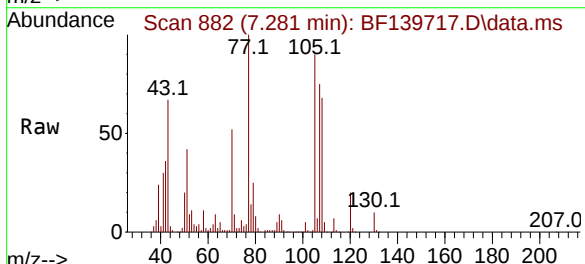
Instrument :
BNA_F
ClientSampleId :
PB163987BS

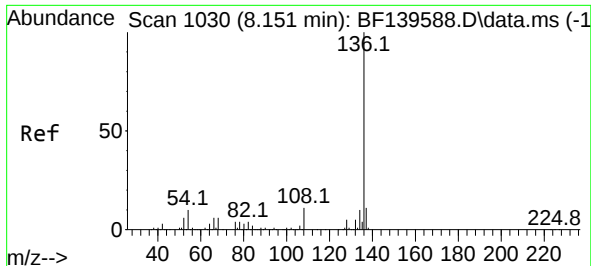
Tgt Ion:	70	Resp:	237354
Ion	Ratio	Lower	Upper
70	100		
42	70.3	58.0	87.0
101	9.3	7.8	11.8
130	19.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 46.549 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:	107	Resp:	315248
Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.2	110.2
77	133.7	125.3	165.3
79	33.0	14.3	54.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

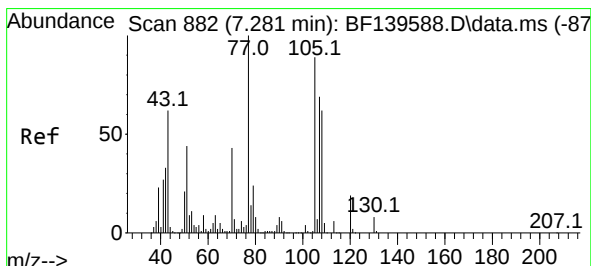
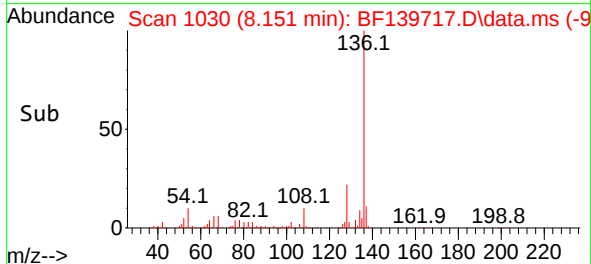
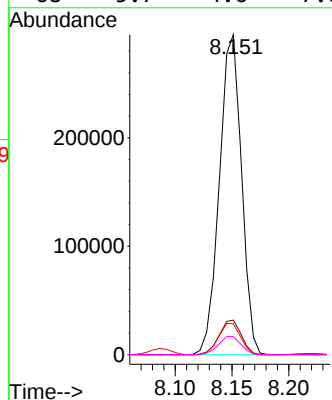
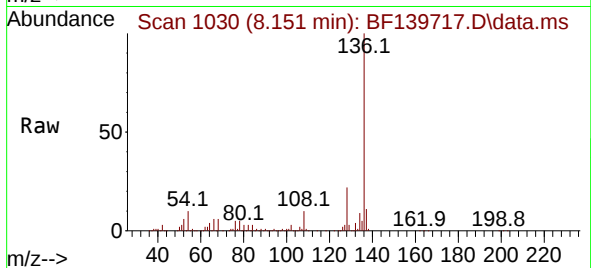
Instrument :

BNA_F

ClientSampleId :

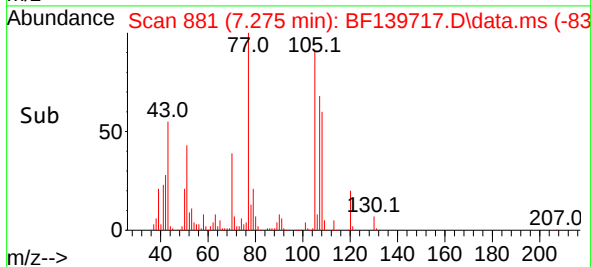
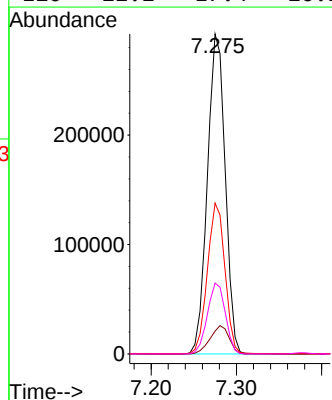
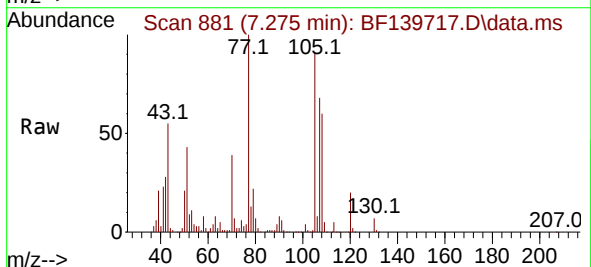
PB163987BS

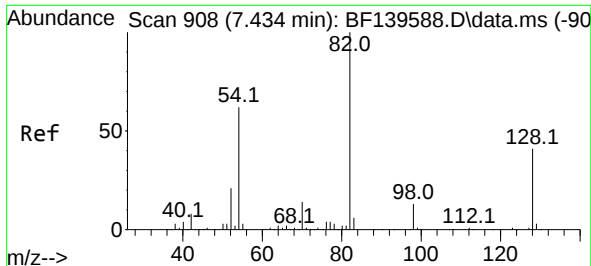
Tgt Ion:136 Resp: 400008
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.7 8.3 12.5
68 5.7 4.6 7.0



#22
Acetophenone
Concen: 44.698 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:105 Resp: 424407
Ion Ratio Lower Upper
105 100
71 7.2 6.6 10.0
51 47.1 39.4 59.0
120 22.2 17.4 26.2

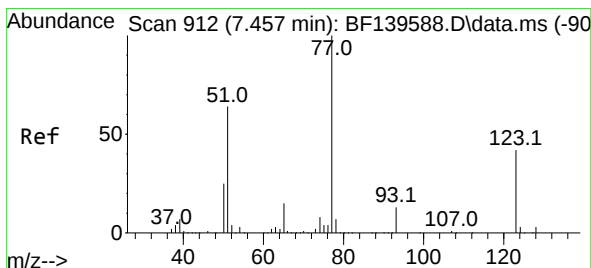
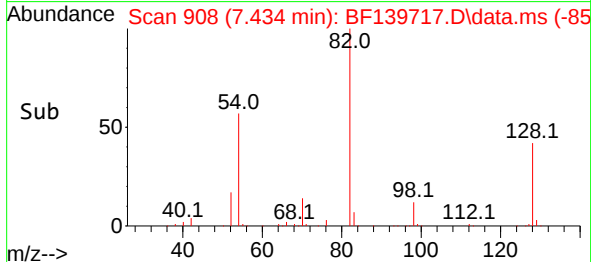
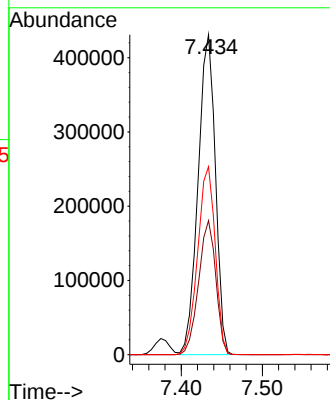
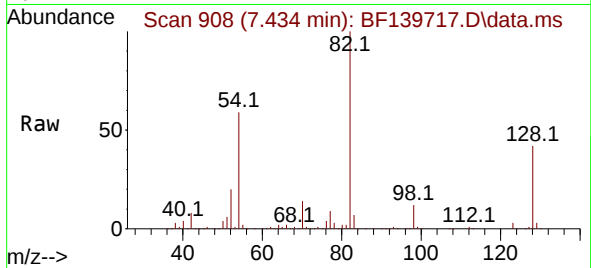




#23
Nitrobenzene-d5
Concen: 80.855 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

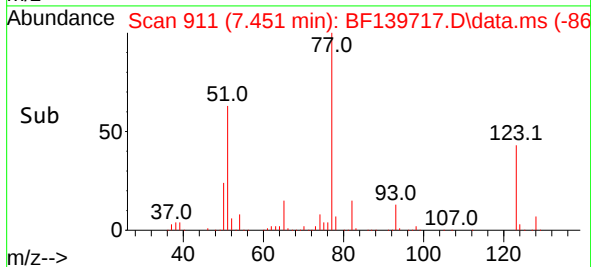
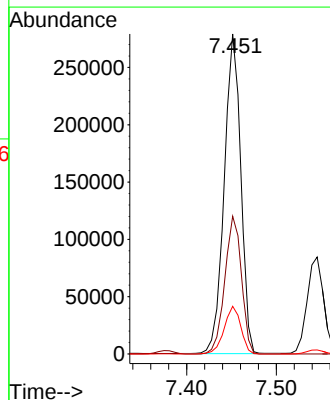
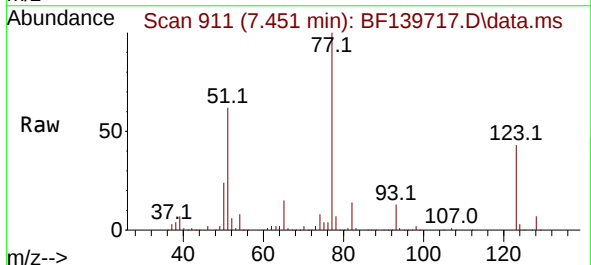
Instrument :
BNA_F
ClientSampleId :
PB163987BS

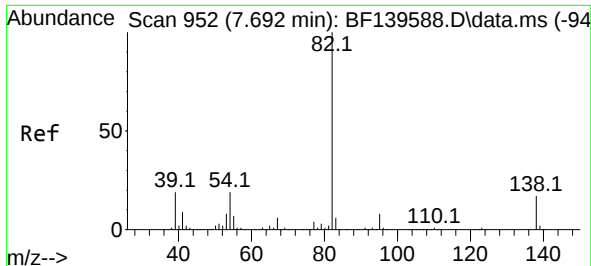
Tgt Ion: 82 Resp: 638798
Ion Ratio Lower Upper
82 100
128 41.9 32.4 48.6
54 58.7 49.1 73.7



#24
Nitrobenzene
Concen: 43.700 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 77 Resp: 357513
Ion Ratio Lower Upper
77 100
123 43.1 34.2 51.4
65 14.9 12.1 18.1

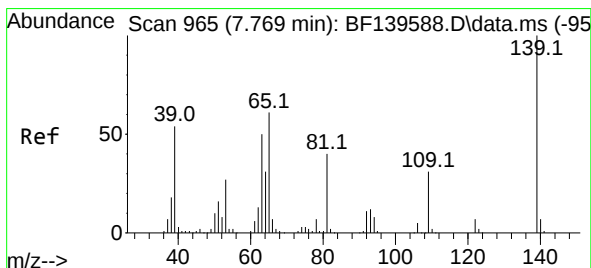
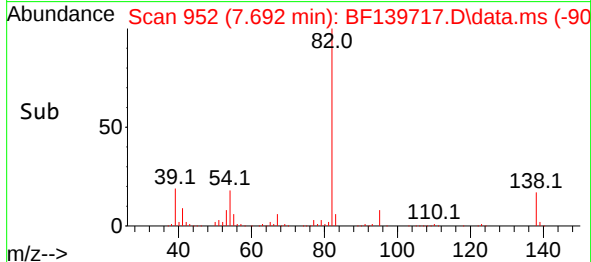
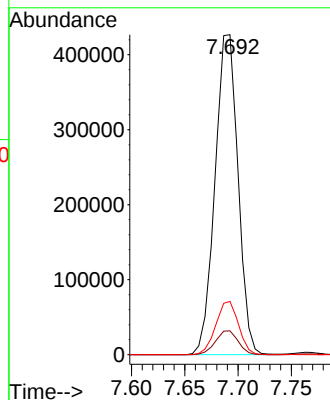
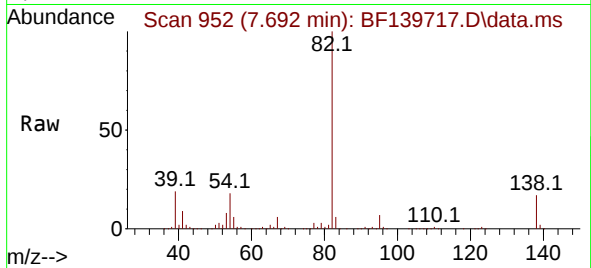




#25
Isophorone
Concen: 45.702 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

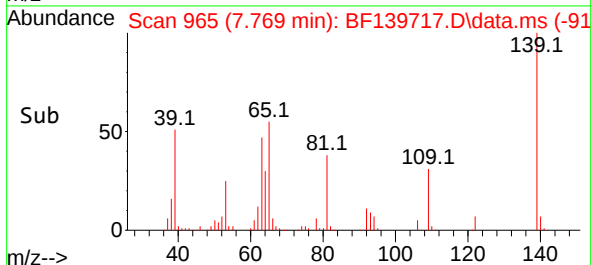
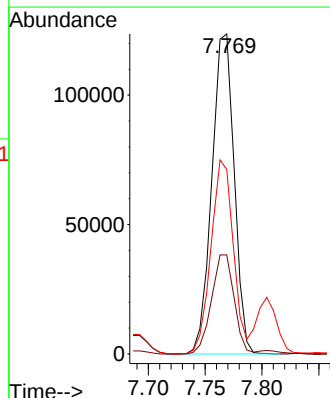
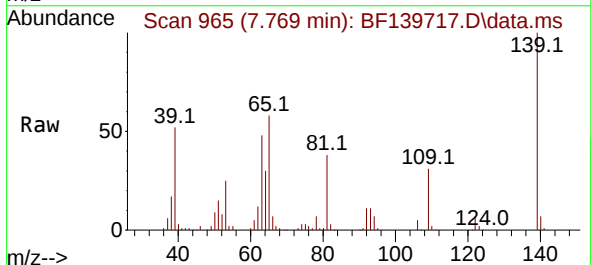
Instrument :
BNA_F
ClientSampleId :
PB163987BS

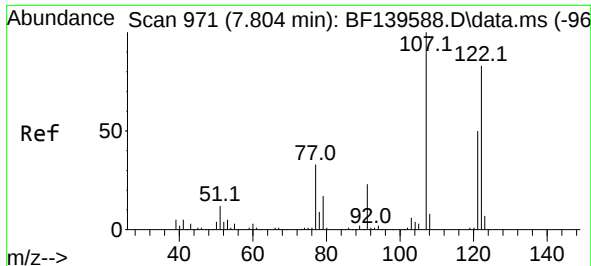
Tgt Ion: 82 Resp: 641309
Ion Ratio Lower Upper
82 100
95 7.5 6.1 9.1
138 16.7 13.4 20.2



#26
2-Nitrophenol
Concen: 48.105 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:139 Resp: 169185
Ion Ratio Lower Upper
139 100
109 31.0 24.9 37.3
65 57.6 48.6 72.8

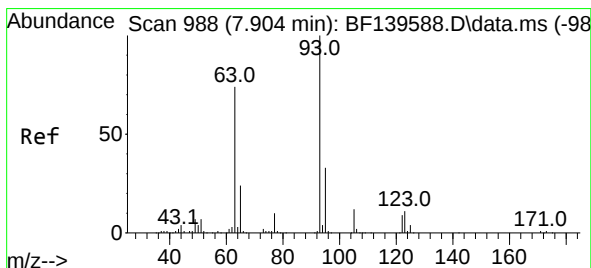
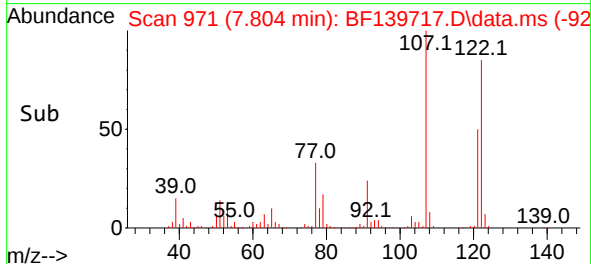
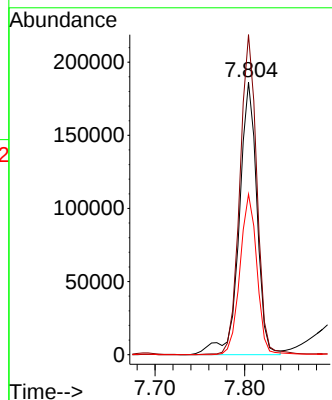
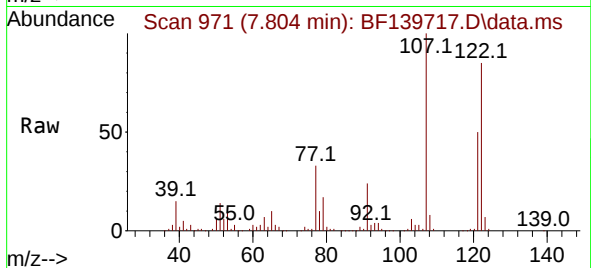




#27
2,4-Dimethylphenol
Concen: 59.314 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

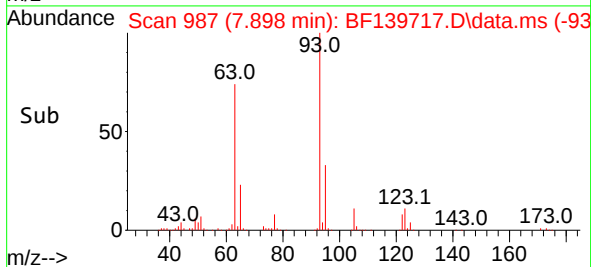
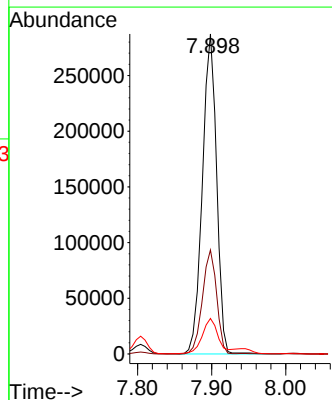
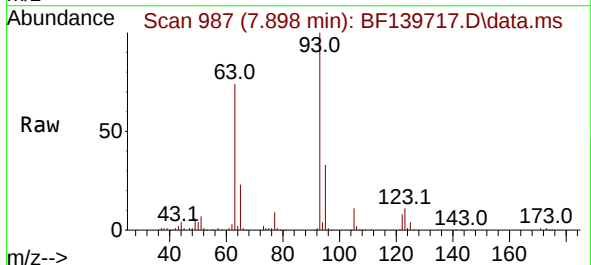
Instrument :
BNA_F
ClientSampleId :
PB163987BS

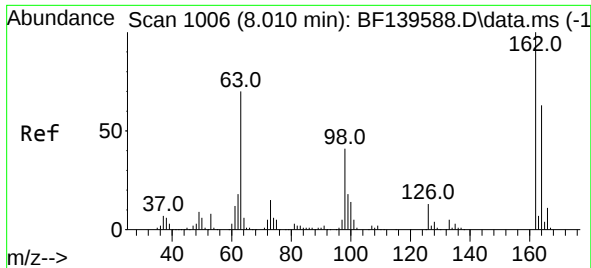
Tgt Ion:122 Resp: 255377
Ion Ratio Lower Upper
122 100
107 117.5 95.4 143.0
121 58.9 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 45.727 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion: 93 Resp: 383155
Ion Ratio Lower Upper
93 100
95 32.5 26.5 39.7
123 11.1 9.4 14.0

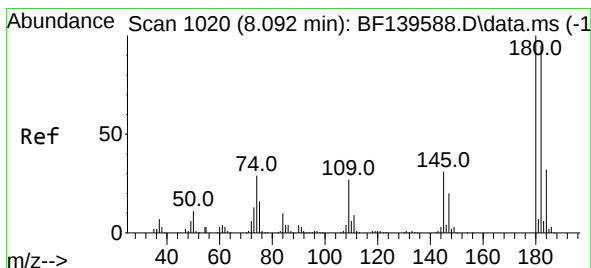
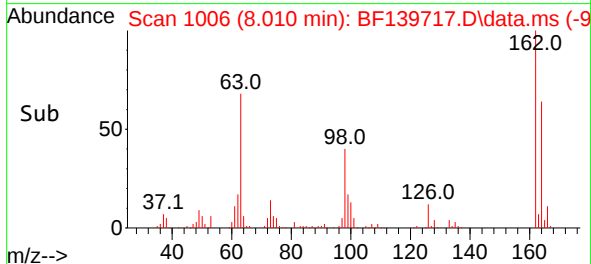
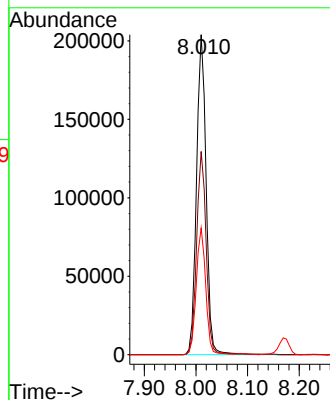
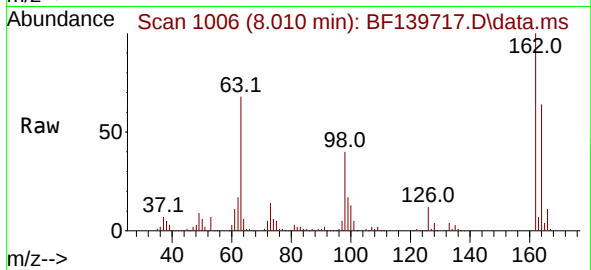




#29
2,4-Dichlorophenol
Concen: 46.885 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

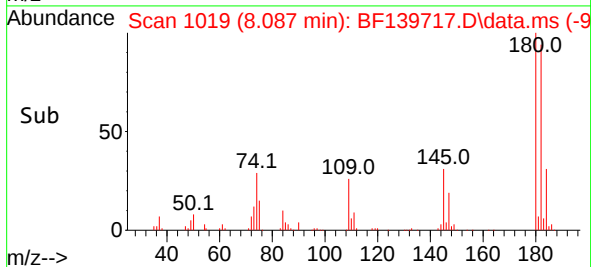
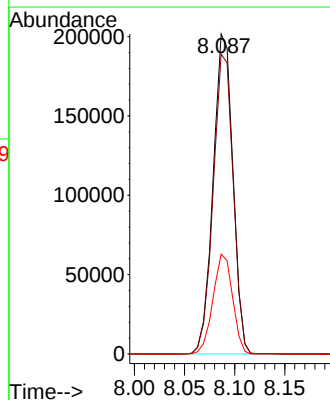
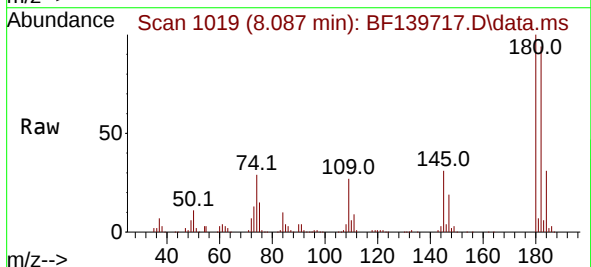
Instrument :
BNA_F
ClientSampleId :
PB163987BS

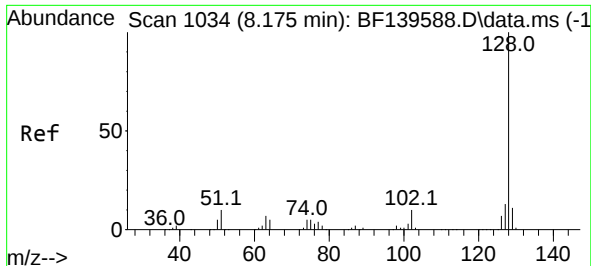
Tgt Ion:162 Resp: 263303
Ion Ratio Lower Upper
162 100
164 63.5 43.1 83.1
98 39.6 20.8 60.8



#30
1,2,4-Trichlorobenzene
Concen: 43.537 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:180 Resp: 276505
Ion Ratio Lower Upper
180 100
182 93.7 76.0 114.0
145 31.2 25.0 37.6

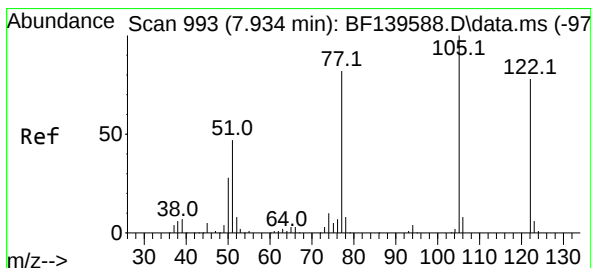
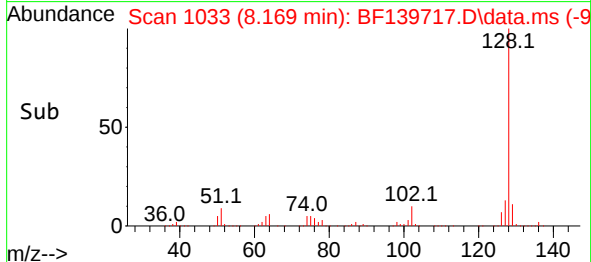
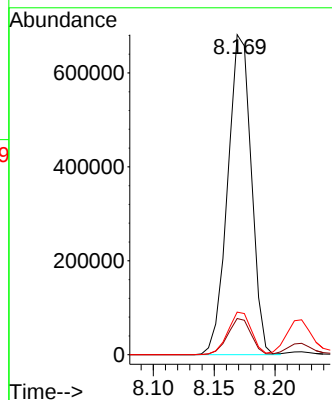
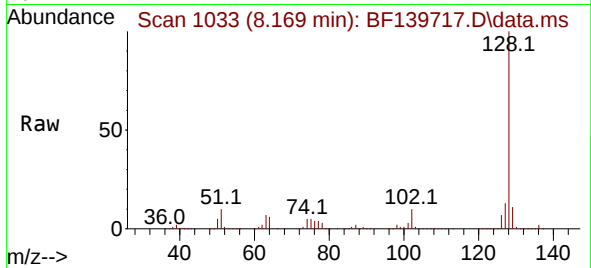




#31
Naphthalene
Concen: 44.980 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

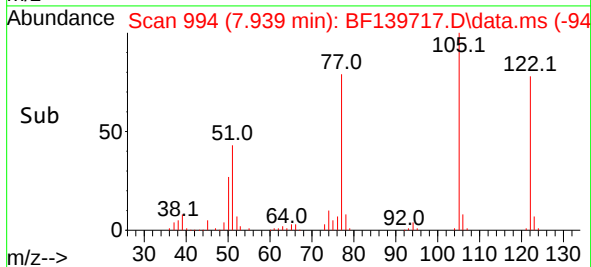
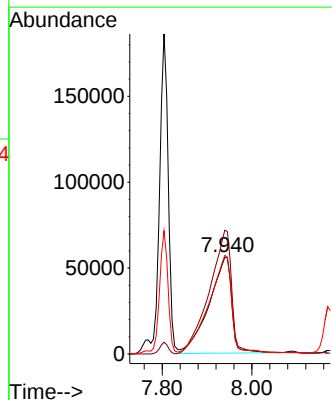
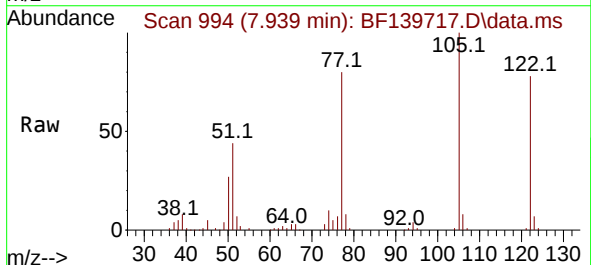
Instrument :
BNA_F
ClientSampleId :
PB163987BS

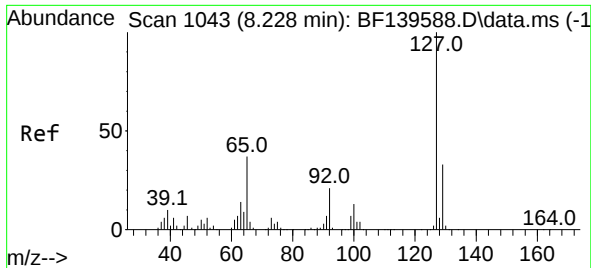
Tgt Ion:128 Resp: 919925
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 45.675 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:122 Resp: 195543
Ion Ratio Lower Upper
122 100
105 128.1 104.9 144.9
77 102.0 82.7 122.7

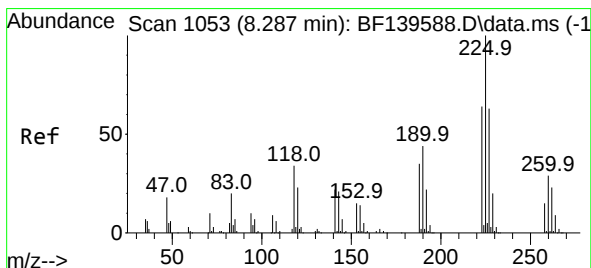
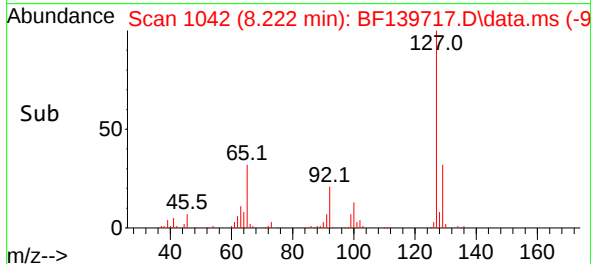
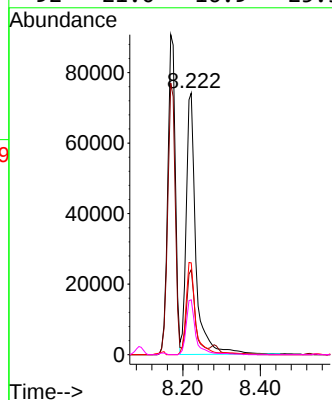
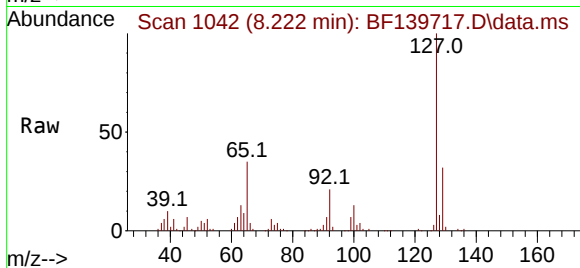




#33
4-Chloroaniline
Concen: 18.549 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

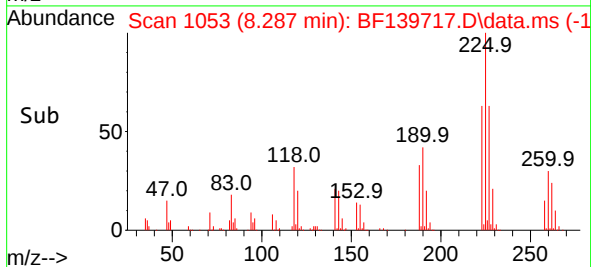
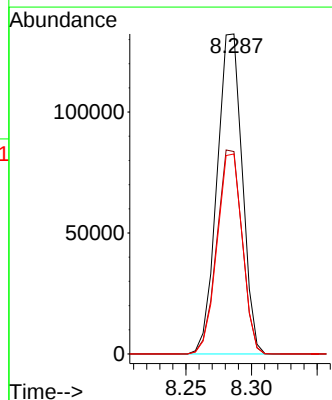
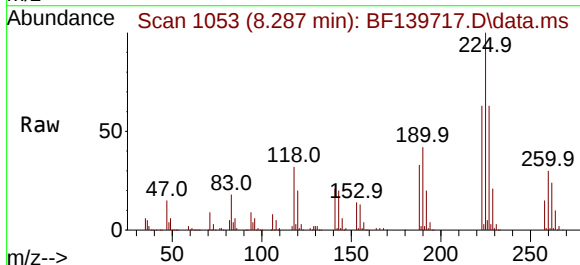
Instrument :
BNA_F
ClientSampleId :
PB163987BS

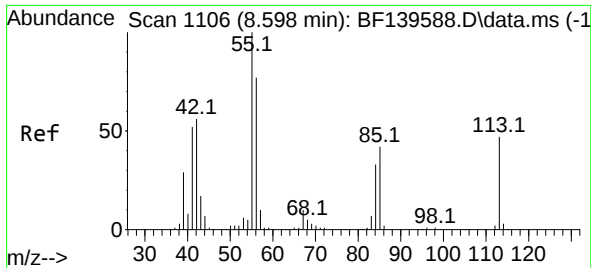
Tgt Ion:	127	Resp:	128409
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	35.1	29.3	43.9
92	21.0	16.9	25.3



#34
Hexachlorobutadiene
Concen: 43.053 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:	225	Resp:	176947
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.9	76.3
227	62.5	50.7	76.1

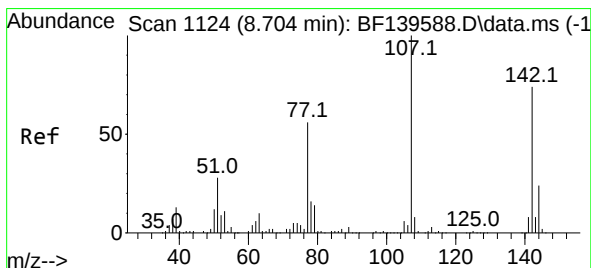
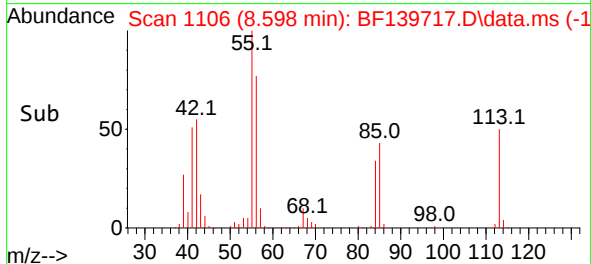
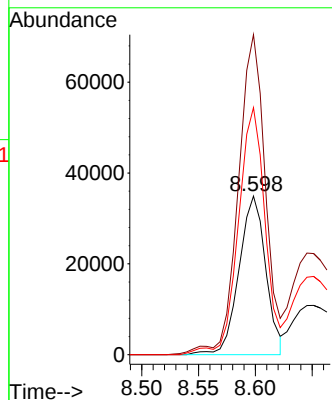
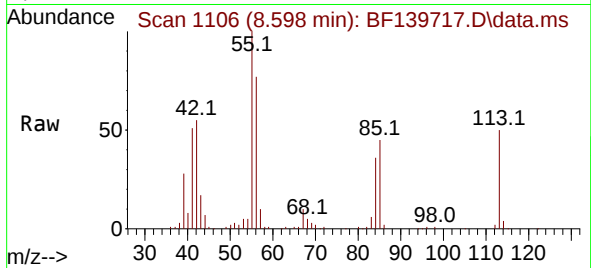




#35
 Caprolactam
 Concen: 31.058 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139717.D
 Acq: 09 Oct 2024 12:37

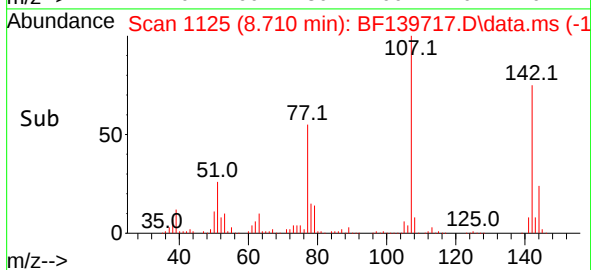
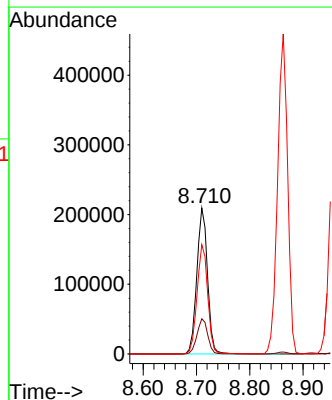
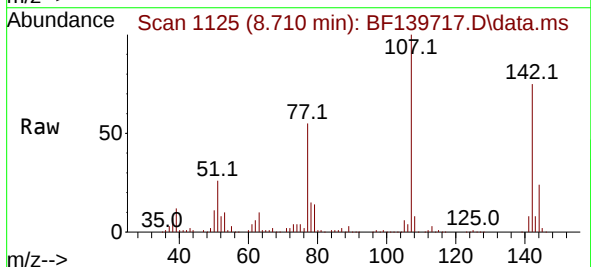
Instrument :
 BNA_F
 ClientSampleId :
 PB163987BS

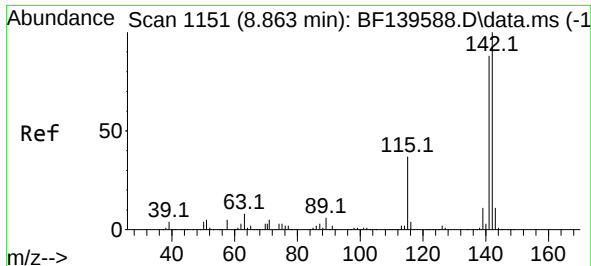
Tgt Ion:113 Resp: 57208
 Ion Ratio Lower Upper
 113 100
 55 201.7 193.4 233.4
 56 155.7 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.096 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139717.D
 Acq: 09 Oct 2024 12:37

Tgt Ion:107 Resp: 293043
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.0 28.6
 142 74.9 59.2 88.8





#37

2-Methylnaphthalene

Concen: 45.115 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

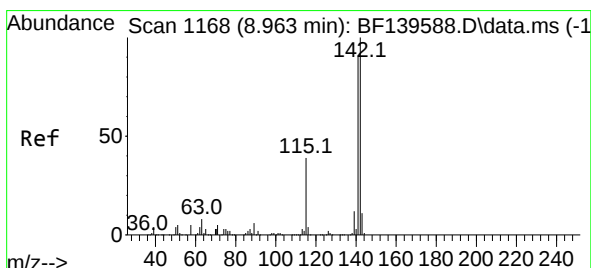
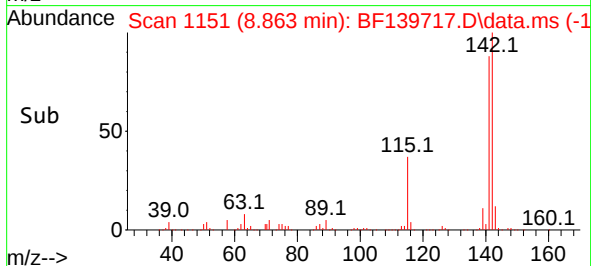
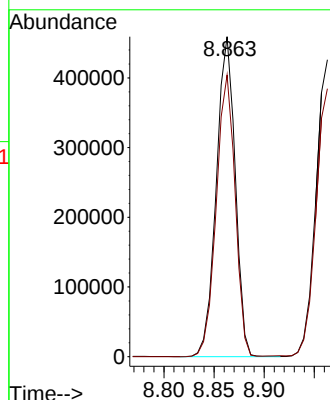
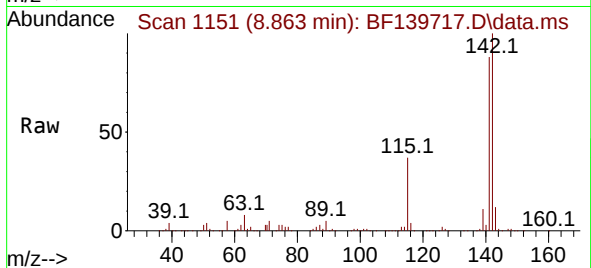
PB163987BS

Tgt Ion:142 Resp: 600934

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.933 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139717.D

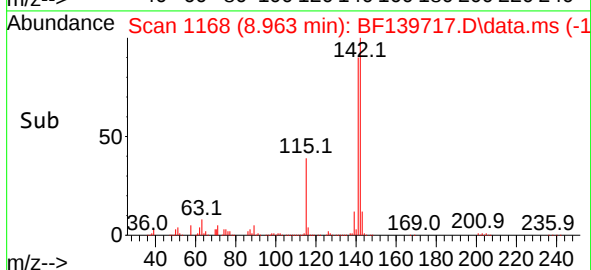
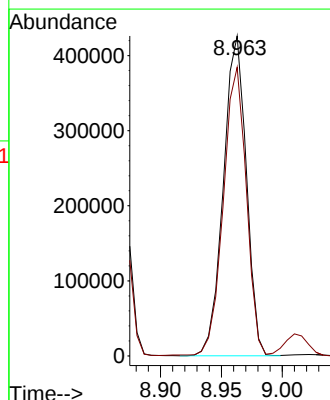
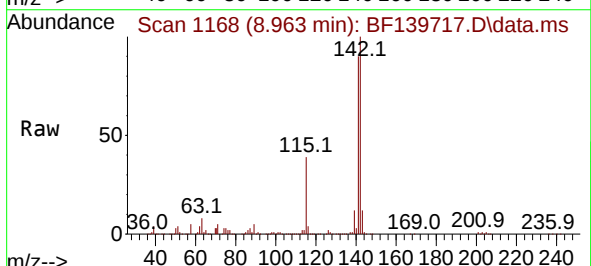
Acq: 09 Oct 2024 12:37

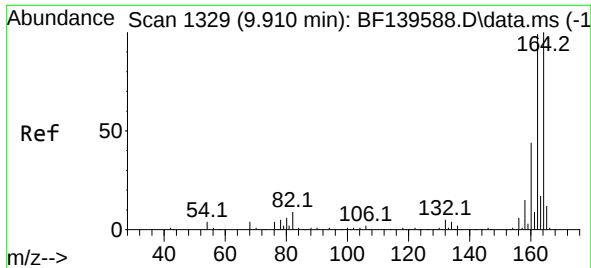
Tgt Ion:142 Resp: 558992

Ion Ratio Lower Upper

142 100

141 90.2 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

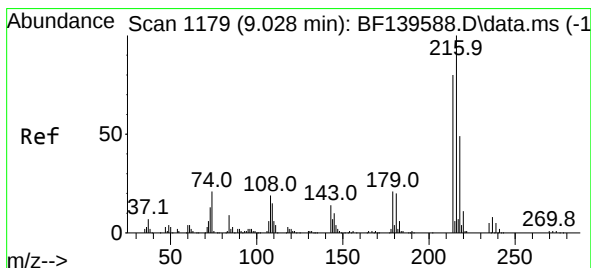
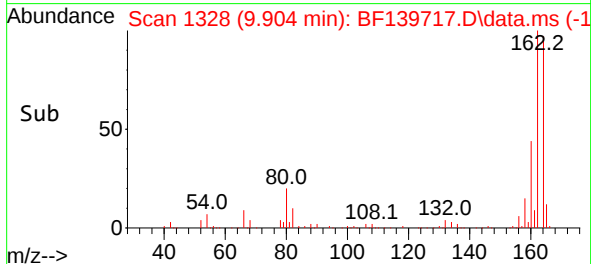
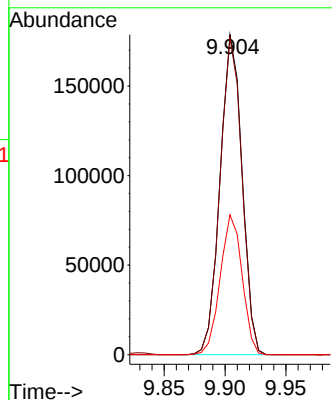
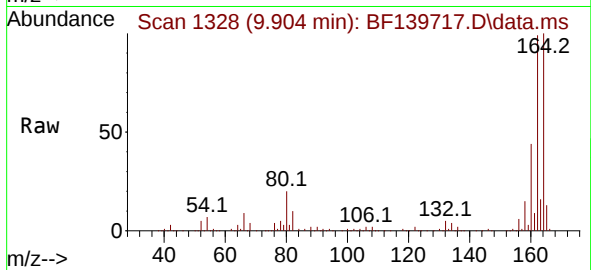
Tgt Ion:164 Resp: 224940

Ion Ratio Lower Upper

164 100

162 99.0 79.4 119.0

160 43.7 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.347 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Tgt Ion:216 Resp: 283250

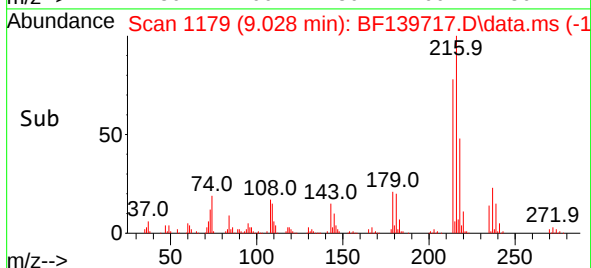
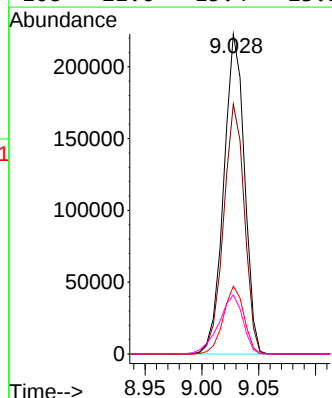
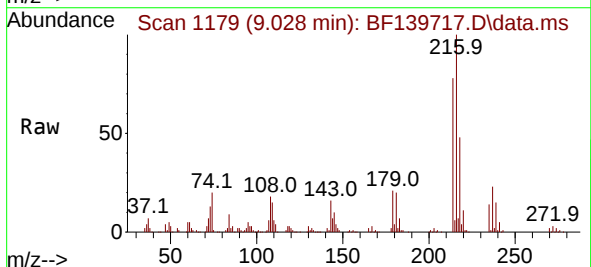
Ion Ratio Lower Upper

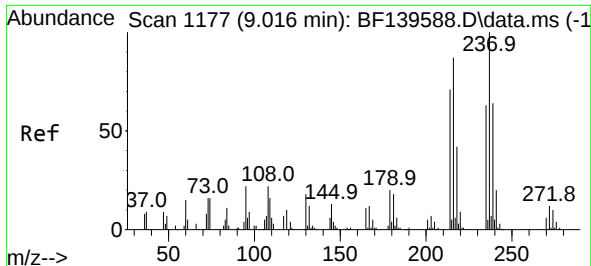
216 100

214 78.2 63.7 95.5

179 21.0 16.9 25.3

108 21.6 15.4 23.2

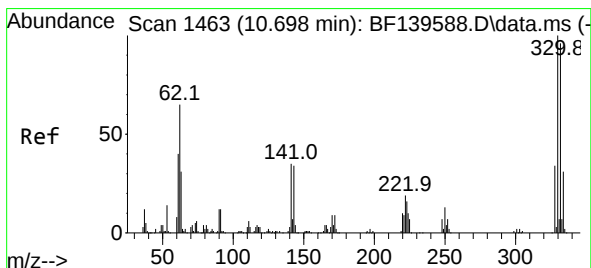
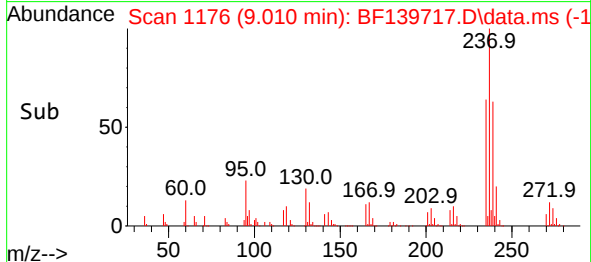
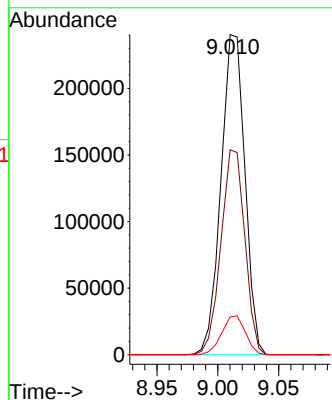
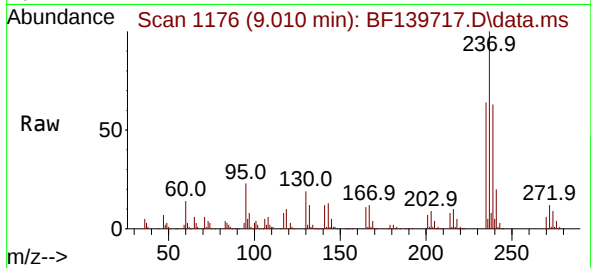




#41
Hexachlorocyclopentadiene
Concen: 172.060 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

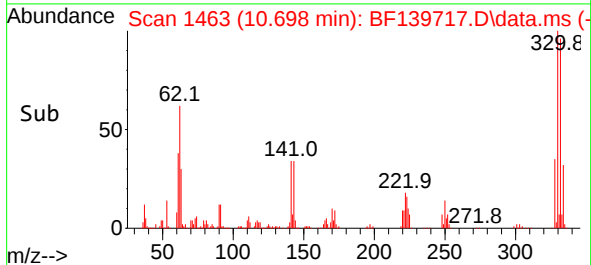
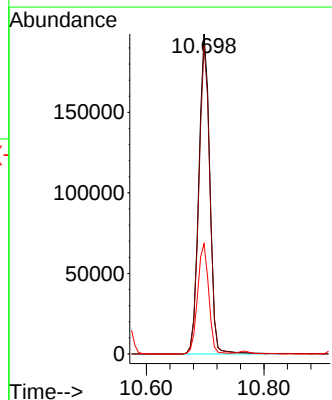
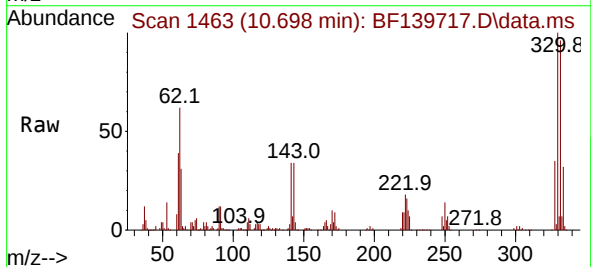
Instrument :
BNA_F
ClientSampleId :
PB163987BS

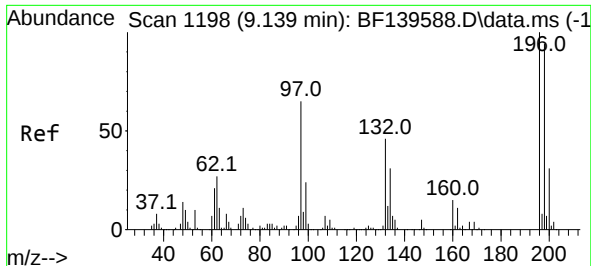
Tgt Ion:237 Resp: 329542
Ion Ratio Lower Upper
237 100
235 64.0 42.5 82.5
272 11.8 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 118.885 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:330 Resp: 258150
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 34.7 29.3 43.9

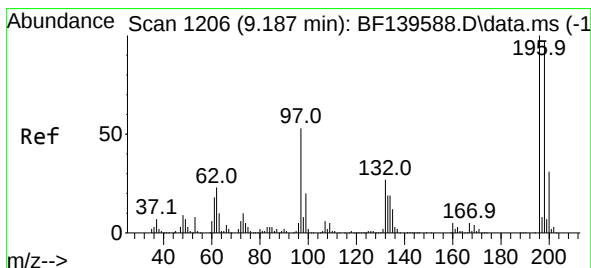
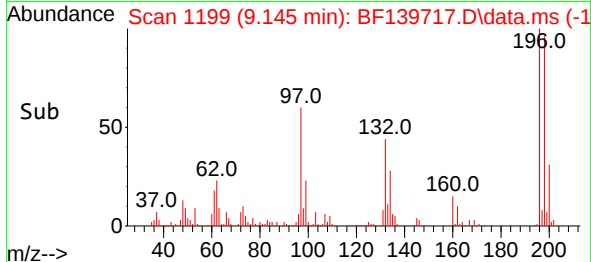
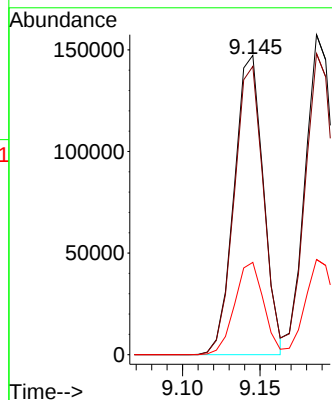
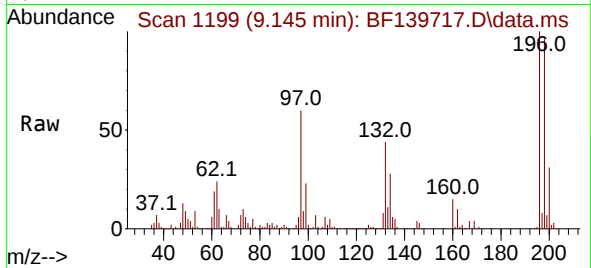




#43
2,4,6-Trichlorophenol
Concen: 45.920 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

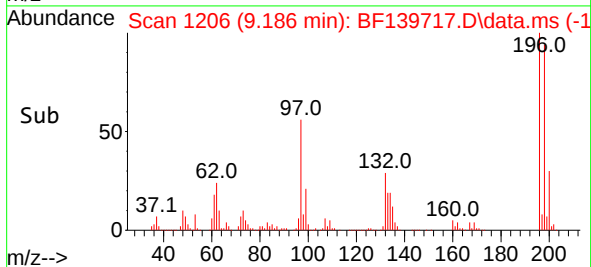
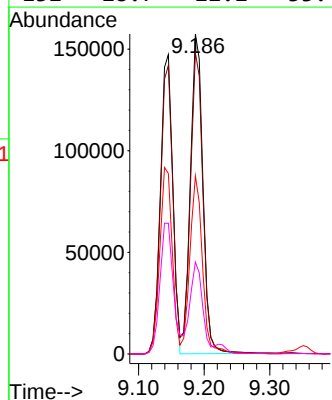
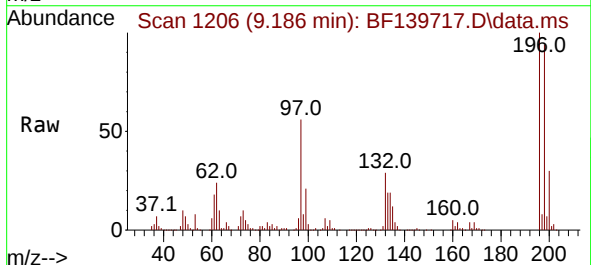
Instrument :
BNA_F
ClientSampleId :
PB163987BS

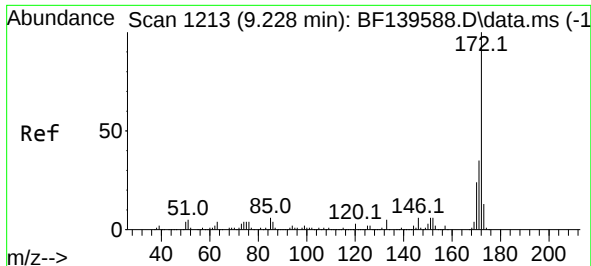
Tgt Ion:196 Resp: 193358
Ion Ratio Lower Upper
196 100
198 96.4 75.2 112.8
200 30.8 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 46.002 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:196 Resp: 208896
Ion Ratio Lower Upper
196 100
198 94.1 77.5 116.3
97 55.7 43.1 64.7
132 28.7 22.2 33.4

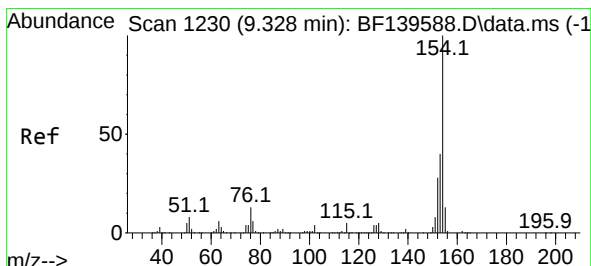
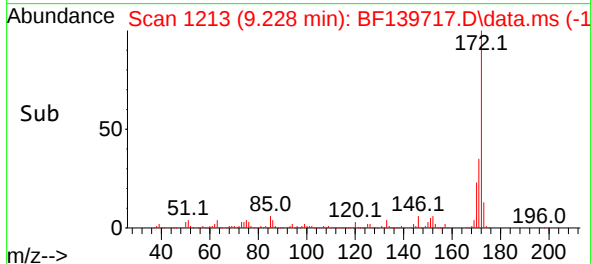
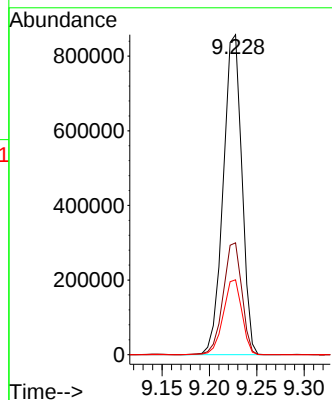
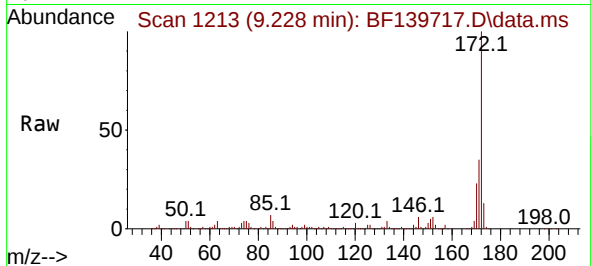




#45
2-Fluorobiphenyl
Concen: 80.097 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

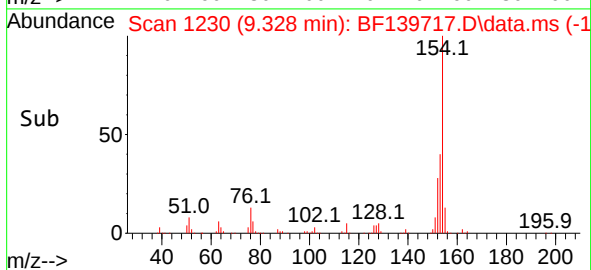
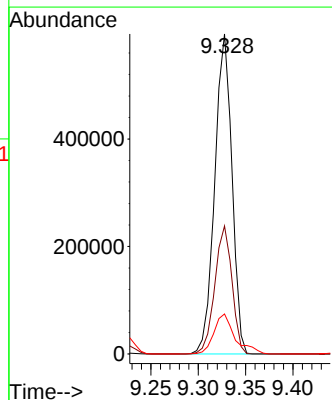
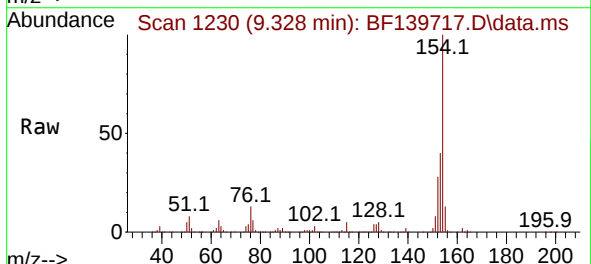
Instrument :
BNA_F
ClientSampleId :
PB163987BS

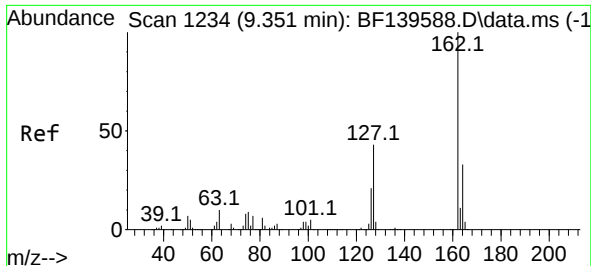
Tgt Ion:172 Resp: 1173602
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.4
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.985 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:154 Resp: 752616
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 12.5 0.0 32.6





#47

2-Chloronaphthalene

Concen: 44.817 ng

RT: 9.351 min Scan# 1234

Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

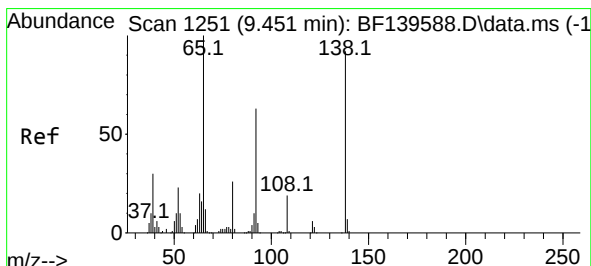
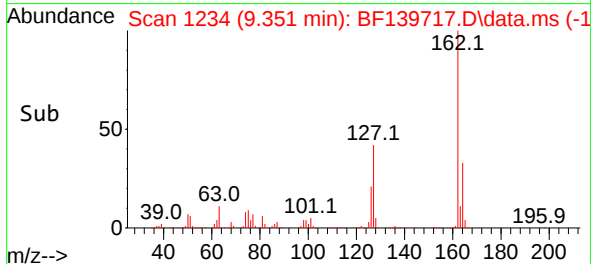
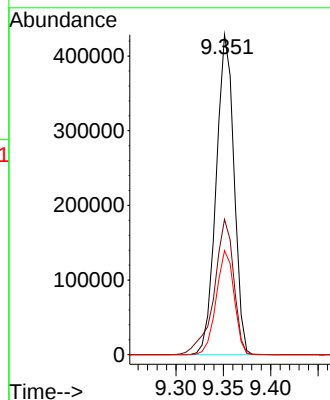
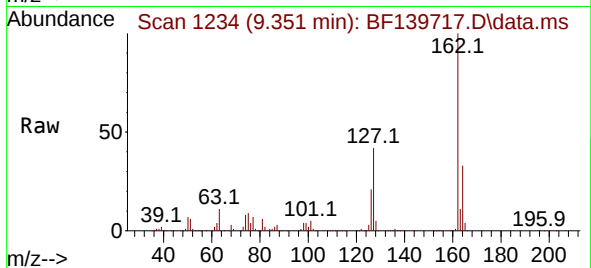
Tgt Ion:162 Resp: 562110

Ion Ratio Lower Upper

162 100

127 42.3 35.0 52.4

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 47.016 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

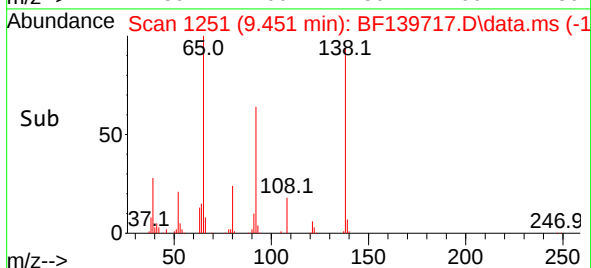
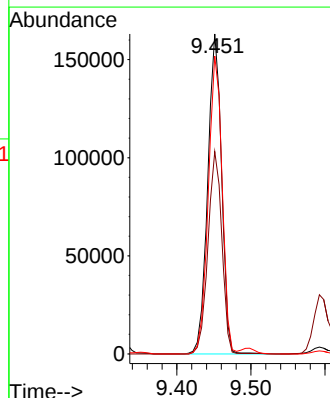
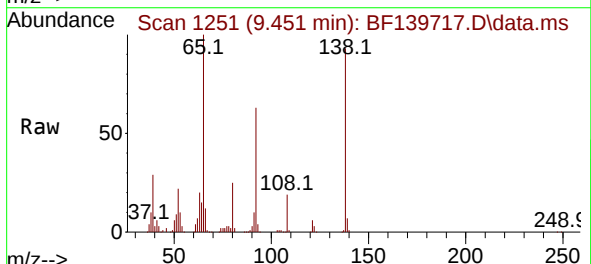
Tgt Ion: 65 Resp: 211681

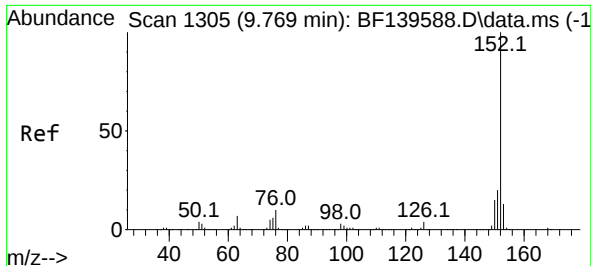
Ion Ratio Lower Upper

65 100

92 63.3 50.0 75.0

138 93.1 73.8 110.8





#49

Acenaphthylene

Concen: 48.154 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB163987BS

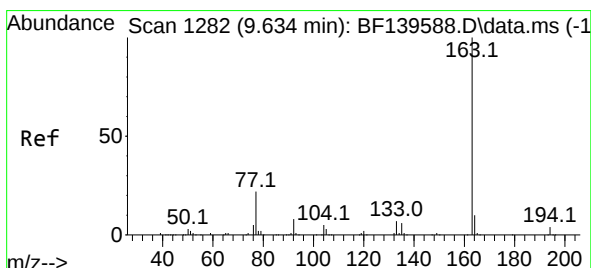
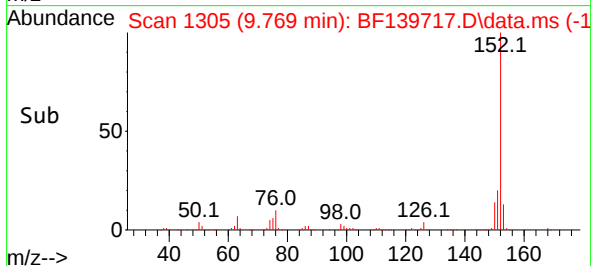
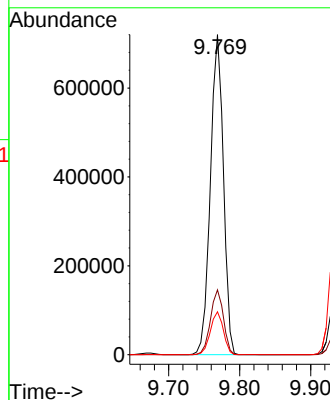
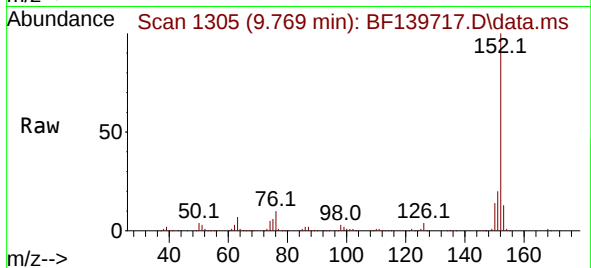
Tgt Ion:152 Resp: 918492

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 46.390 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF139717.D

Acq: 09 Oct 2024 12:37

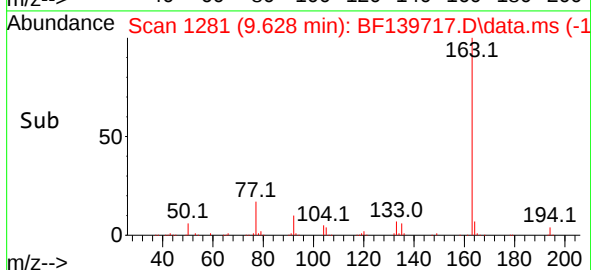
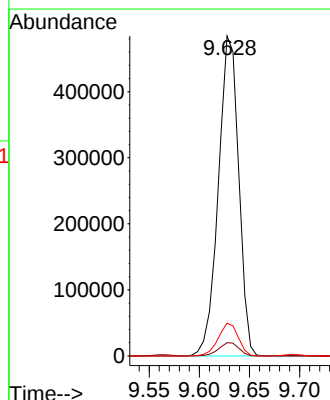
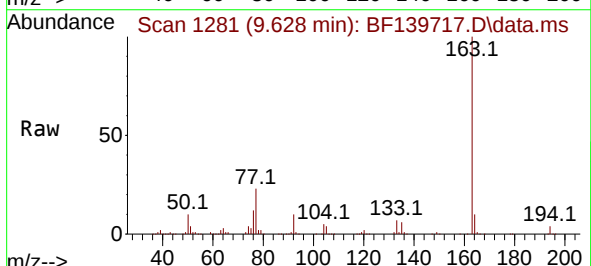
Tgt Ion:163 Resp: 683086

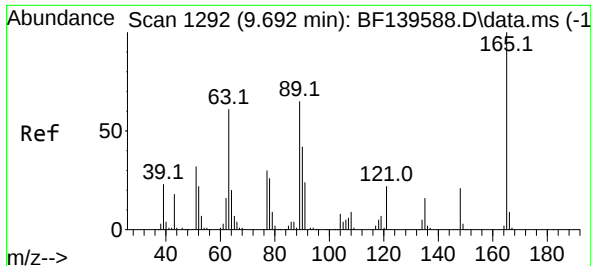
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.1 12.1

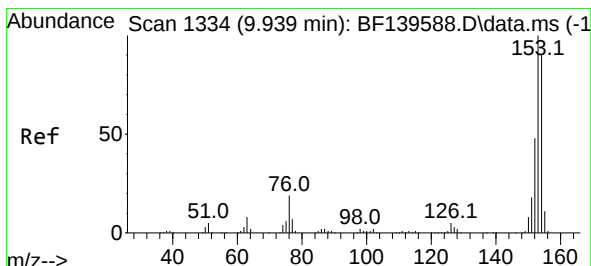
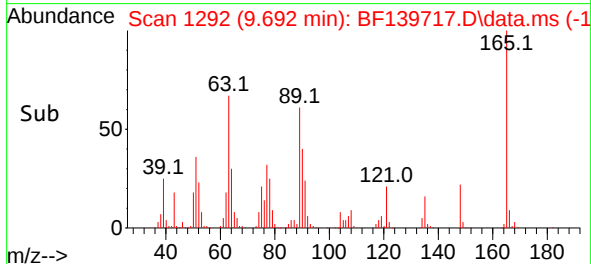
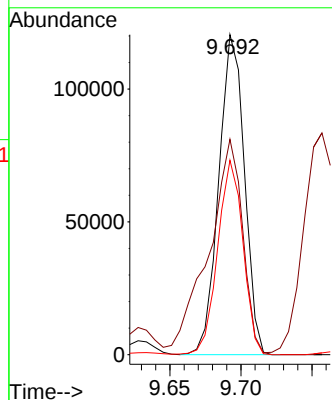
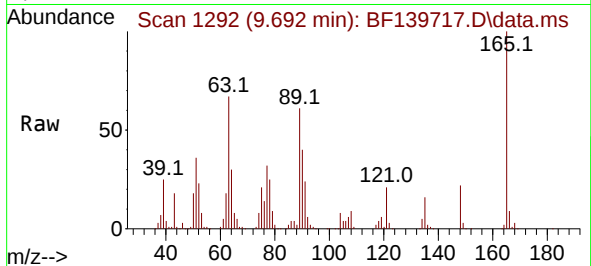




#51
2,6-Dinitrotoluene
Concen: 45.419 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

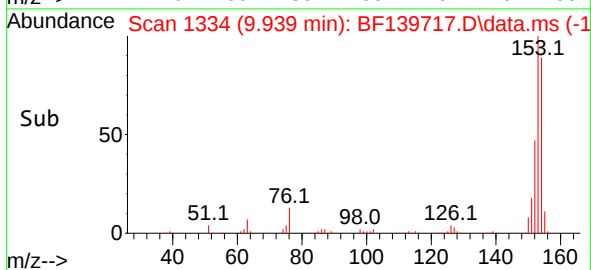
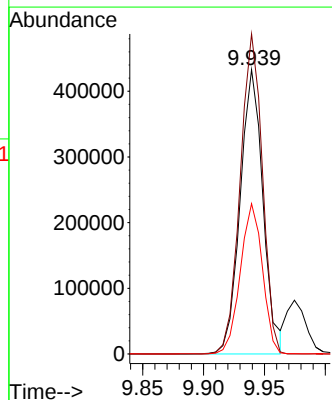
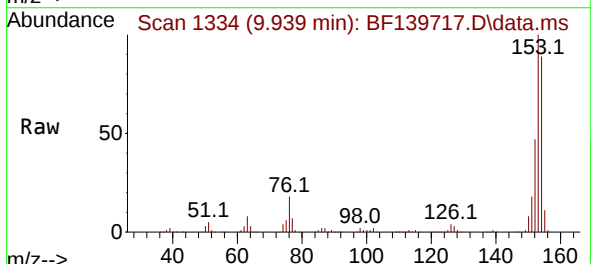
Instrument :
BNA_F
ClientSampleId :
PB163987BS

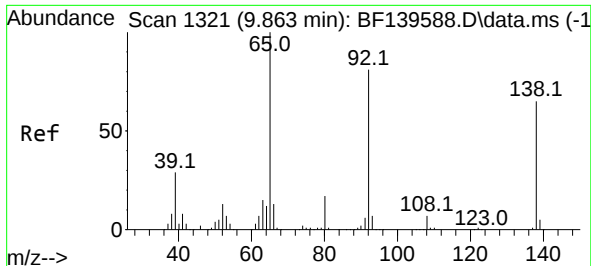
Tgt Ion:165 Resp: 151076
Ion Ratio Lower Upper
165 100
63 67.3 56.7 85.1
89 60.8 51.6 77.4



#52
Acenaphthene
Concen: 43.136 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:154 Resp: 564834
Ion Ratio Lower Upper
154 100
153 112.5 88.8 133.2
152 52.8 42.5 63.7

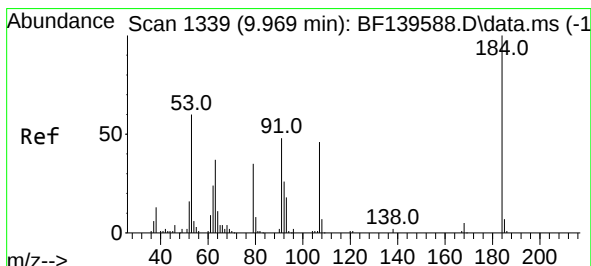
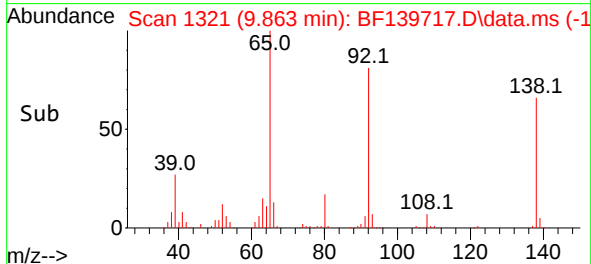
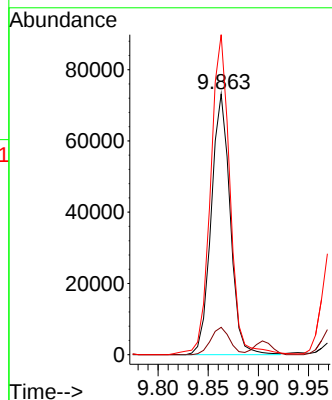
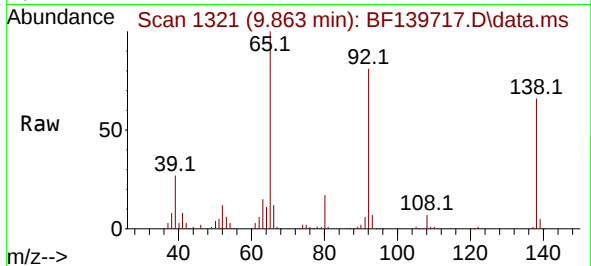




#53
3-Nitroaniline
Concen: 28.271 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

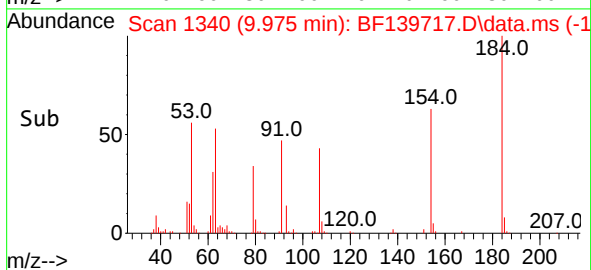
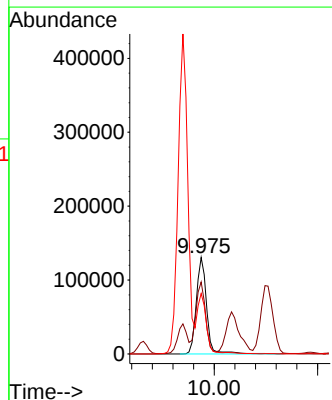
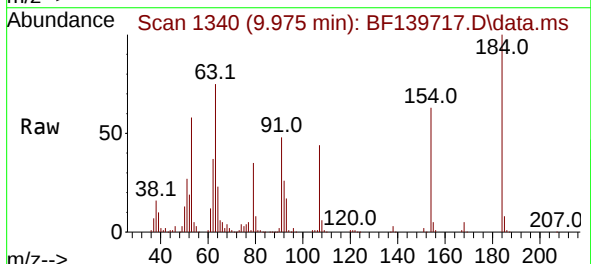
Instrument :
BNA_F
ClientSampleId :
PB163987BS

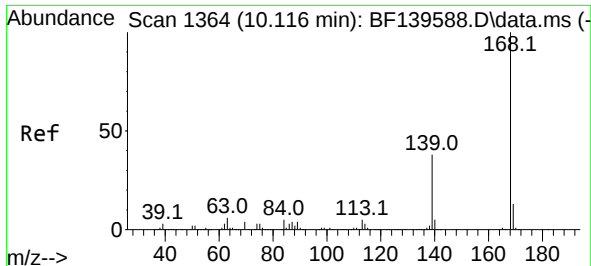
Tgt Ion:138 Resp: 96097
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 122.8 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 101.209 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:184 Resp: 181071
Ion Ratio Lower Upper
184 100
63 74.7 61.7 92.5
154 62.8 53.0 79.4

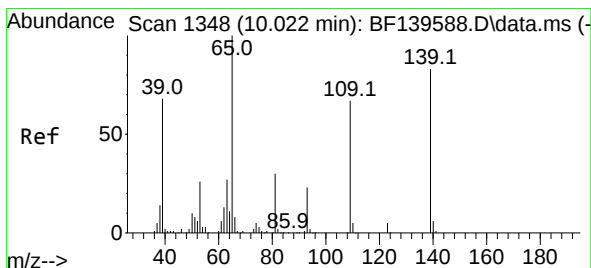
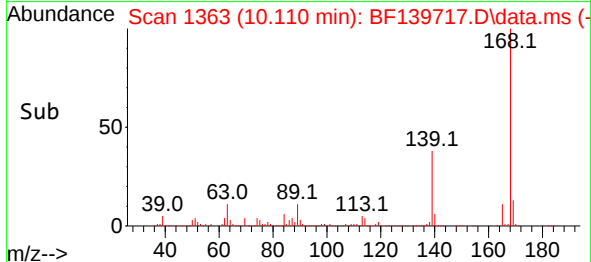
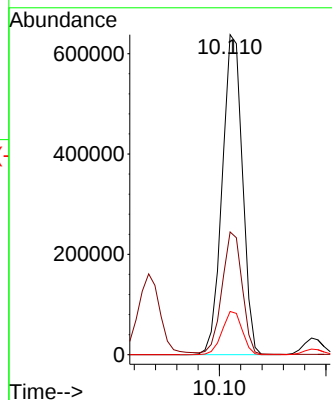
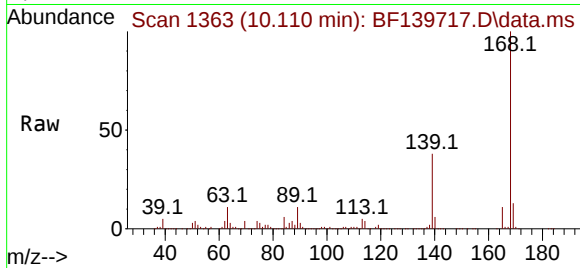




#55
Dibenzenofuran
Concen: 45.764 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

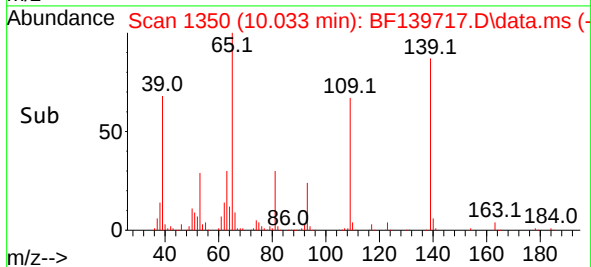
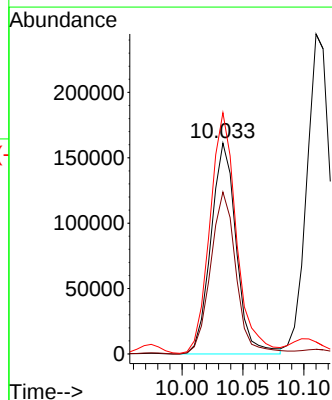
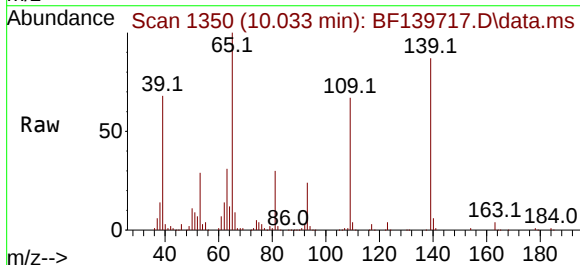
Instrument :
BNA_F
ClientSampleId :
PB163987BS

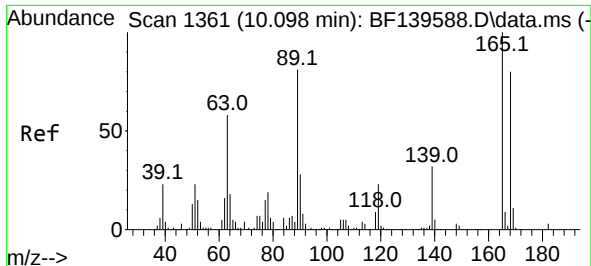
Tgt Ion:168 Resp: 839023
Ion Ratio Lower Upper
168 100
139 38.4 30.4 45.6
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 90.048 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:139 Resp: 233418
Ion Ratio Lower Upper
139 100
109 76.8 60.3 100.3
65 114.4 100.8 140.8

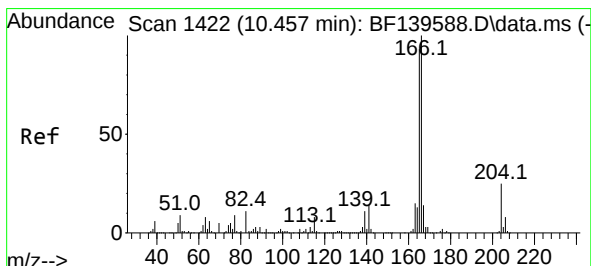
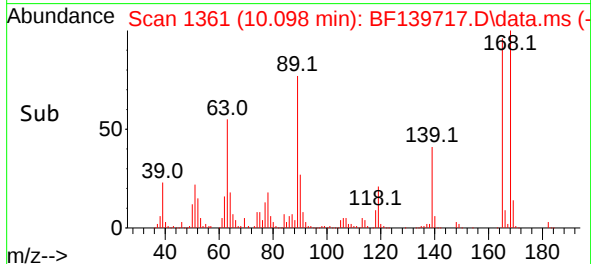
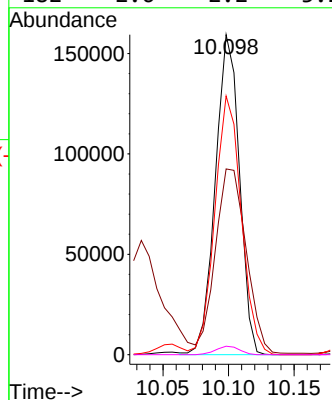
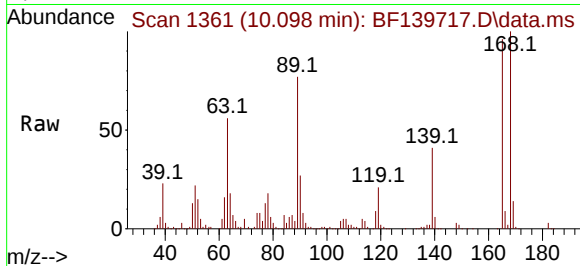




#57
2,4-Dinitrotoluene
Concen: 46.705 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

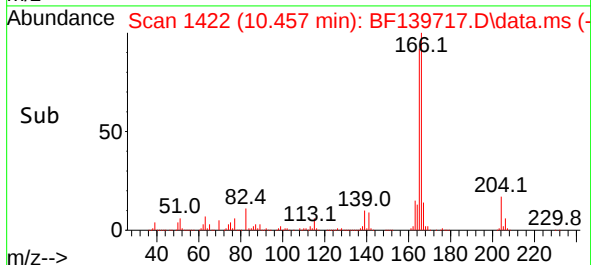
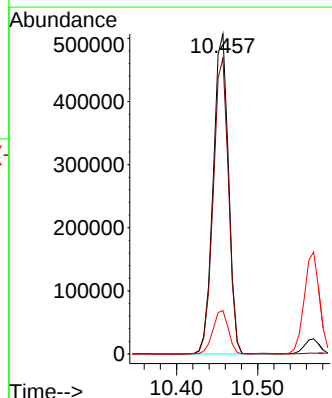
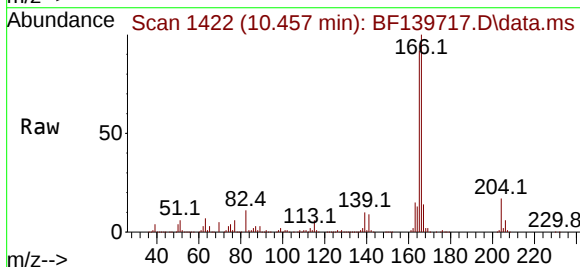
Instrument :
BNA_F
ClientSampleId :
PB163987BS

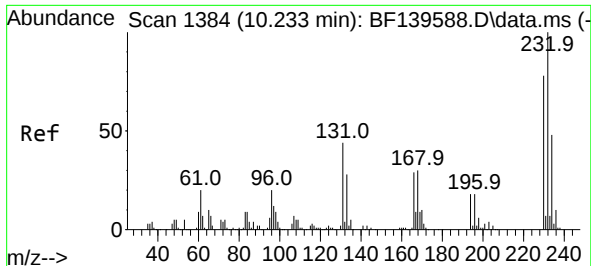
Tgt	Ion:165	Resp:	203066
Ion	Ratio	Lower	Upper
165	100		
63	58.1	46.9	70.3
89	80.9	64.4	96.6
182	2.6	2.2	3.2



#58
Fluorene
Concen: 45.304 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

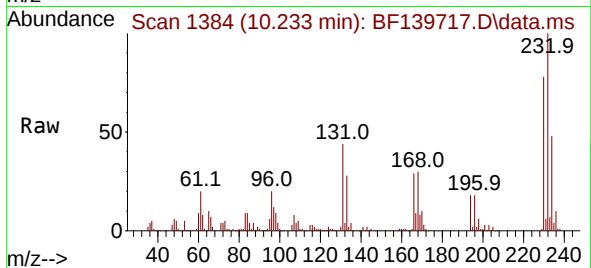
Tgt	Ion:166	Resp:	661549
Ion	Ratio	Lower	Upper
166	100		
165	92.4	74.4	111.6
167	13.6	10.9	16.3



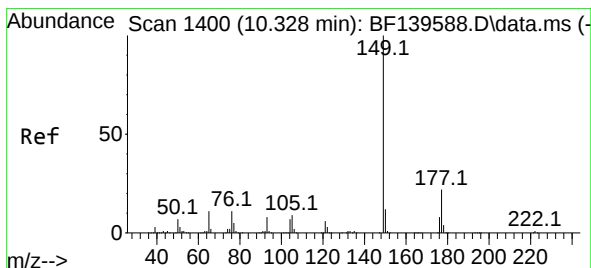
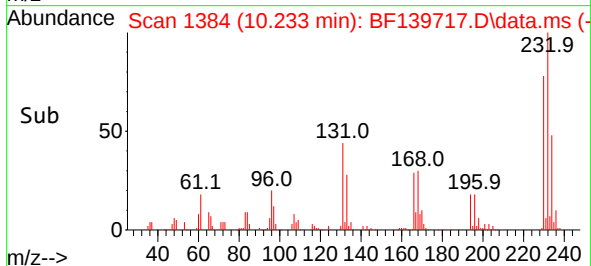
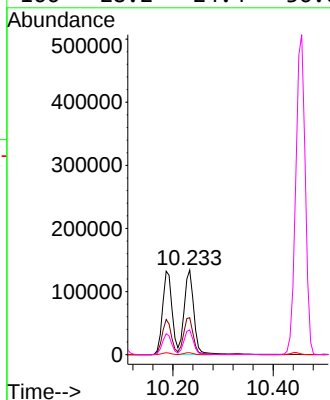


#59
2,3,4,6-Tetrachlorophenol
Concen: 49.149 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :
BNA_F
ClientSampleId :
PB163987BS

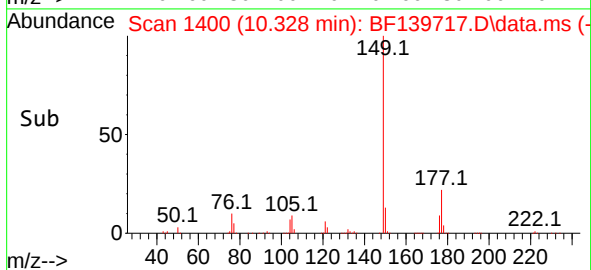
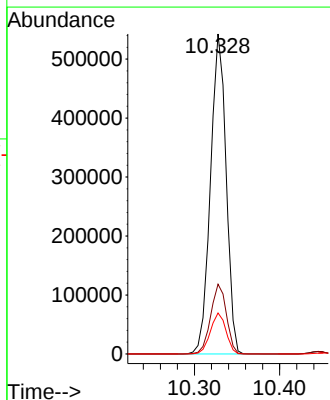
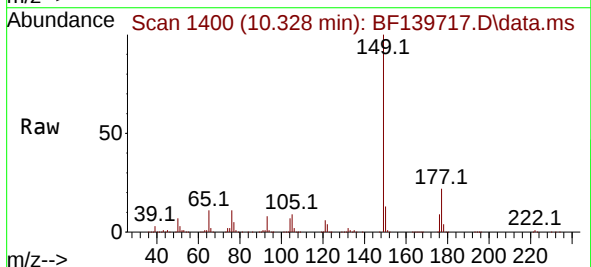


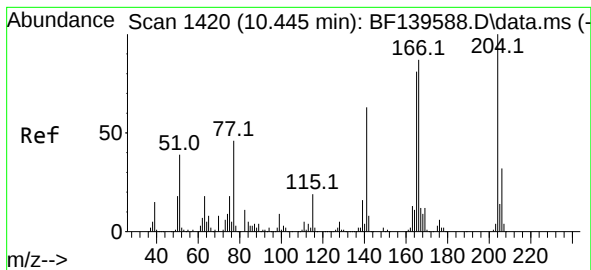
Tgt Ion:232 Resp: 180261
Ion Ratio Lower Upper
232 100
131 44.0 37.8 56.6
130 2.3 1.9 2.9
166 28.2 24.4 36.6



#60
Diethylphthalate
Concen: 45.642 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:149 Resp: 694165
Ion Ratio Lower Upper
149 100
177 21.8 17.4 26.0
150 12.8 10.0 15.0

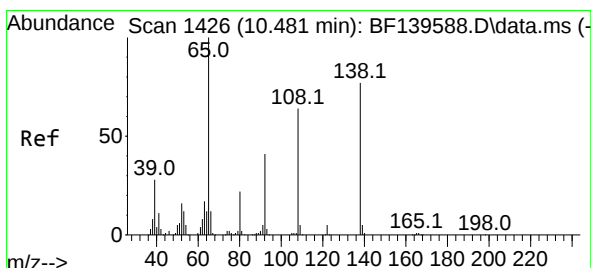
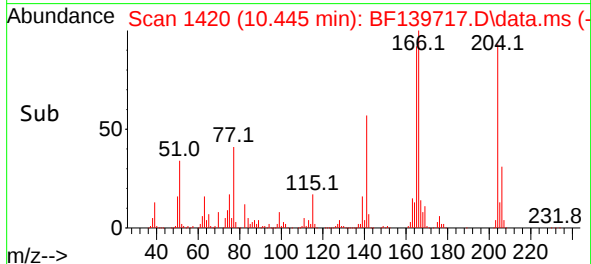
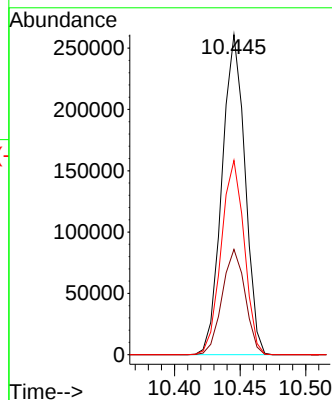
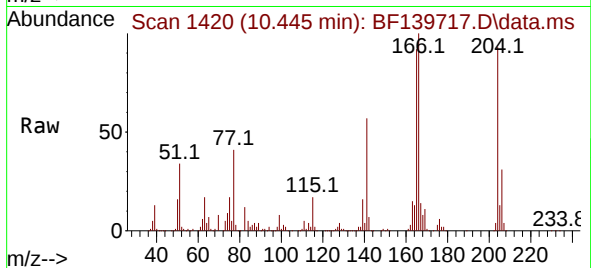




#61
4-Chlorophenyl-phenylether
Concen: 43.565 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

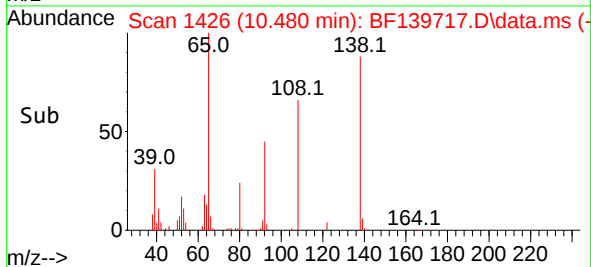
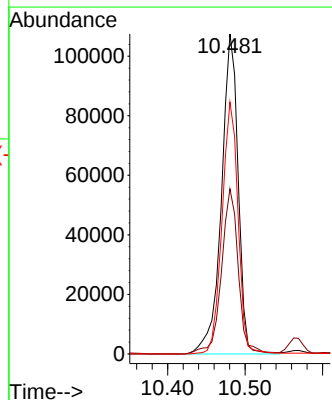
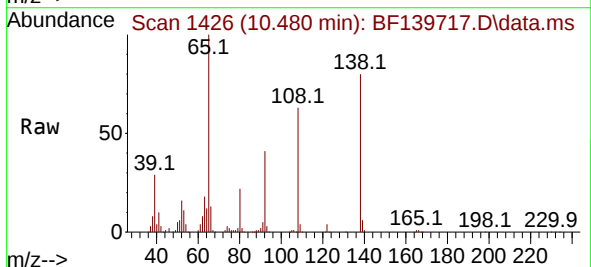
Instrument :
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ClientSampleId :
PB163987BS

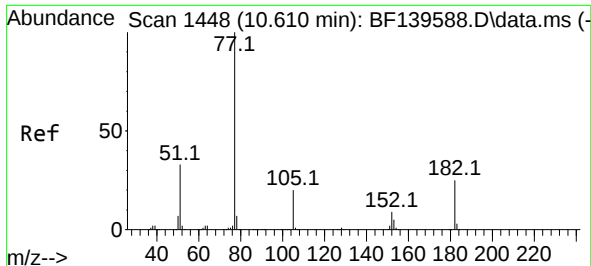
Tgt Ion:204 Resp: 318262
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 60.7 50.5 75.7



#62
4-Nitroaniline
Concen: 46.527 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:138 Resp: 161771
Ion Ratio Lower Upper
138 100
92 51.6 33.3 73.3
108 78.7 62.1 102.1

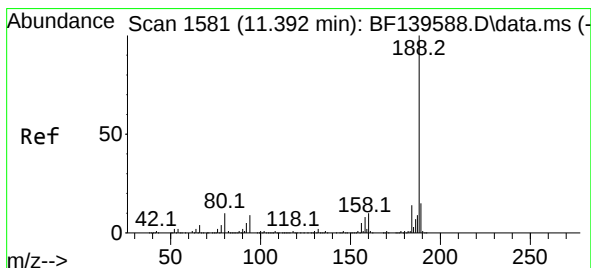
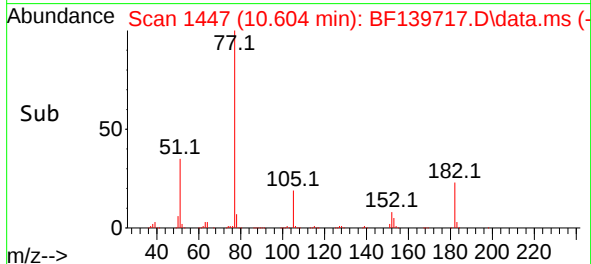
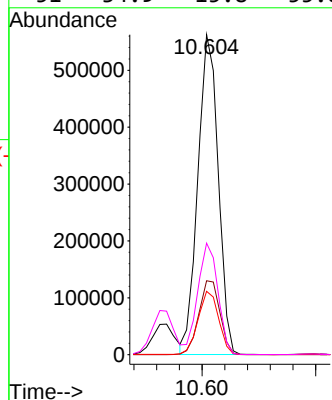
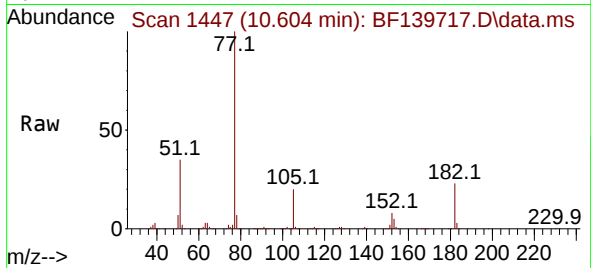




#63
Azobenzene
Concen: 45.879 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

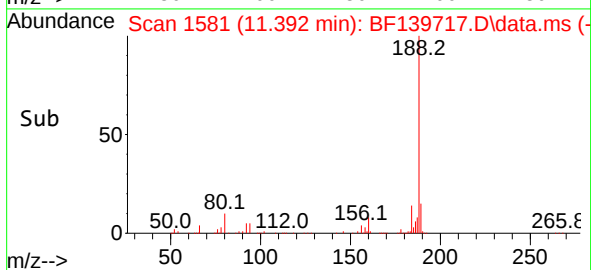
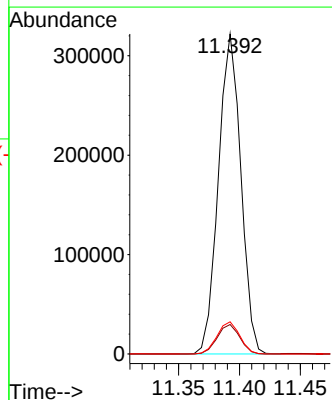
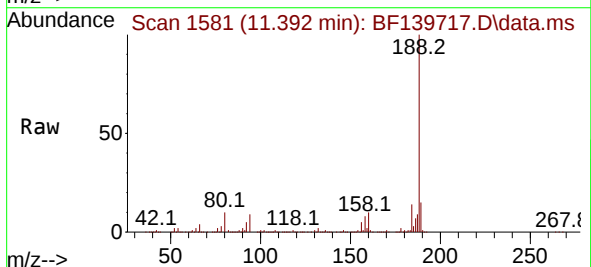
Instrument :
BNA_F
ClientSampleId :
PB163987BS

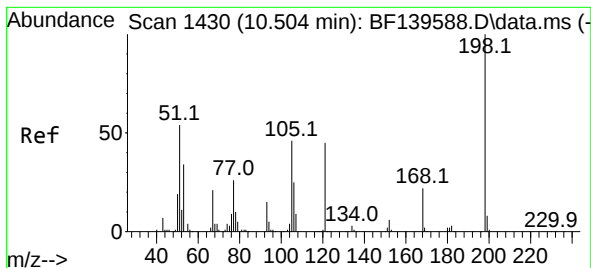
Tgt Ion:	77	Resp:	701733
Ion	Ratio	Lower	Upper
77	100		
182	23.1	4.2	44.2
105	19.8	0.0	39.6
51	34.9	15.8	55.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:	188	Resp:	413544
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.0	8.2	12.2

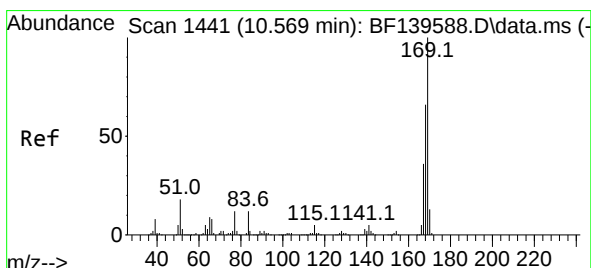
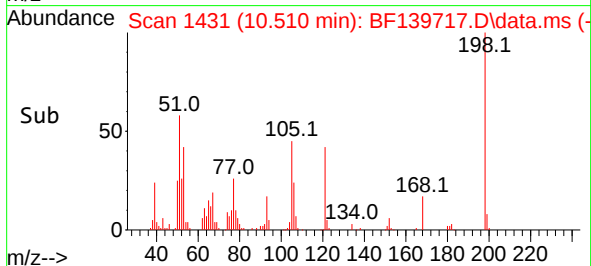
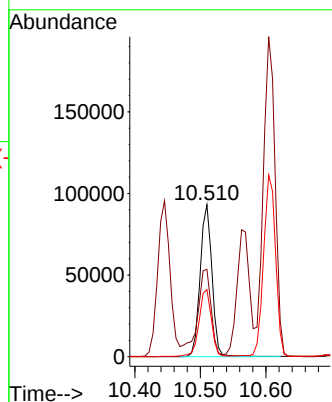
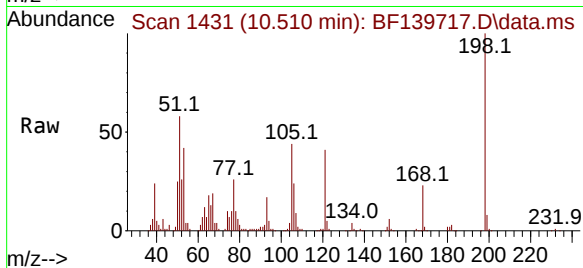




#65
4,6-Dinitro-2-methylphenol
Concen: 50.249 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

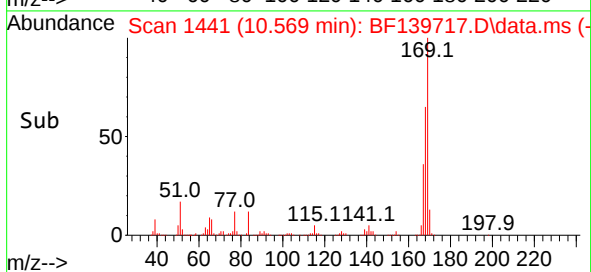
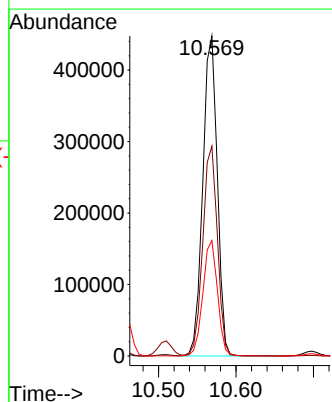
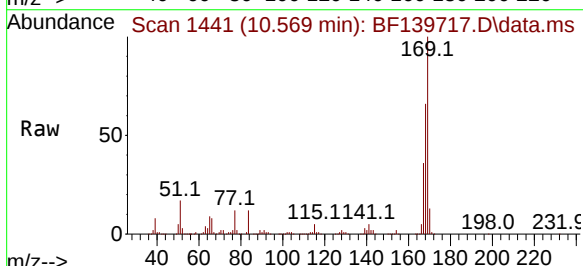
Instrument :
BNA_F
ClientSampleId :
PB163987BS

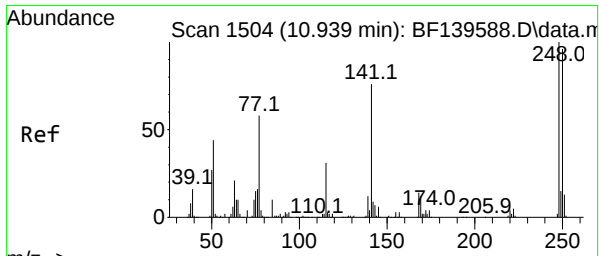
Tgt Ion:198 Resp: 117363
Ion Ratio Lower Upper
198 100
51 57.5 43.0 83.0
105 44.2 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 47.672 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:169 Resp: 581108
Ion Ratio Lower Upper
169 100
168 65.6 53.2 79.8
167 36.1 28.6 43.0

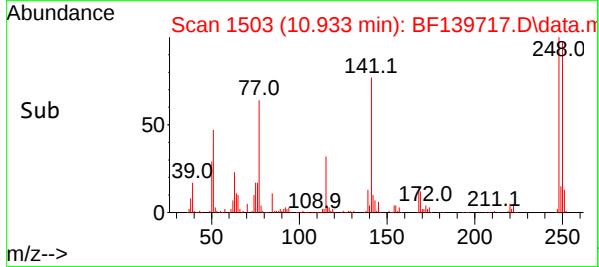
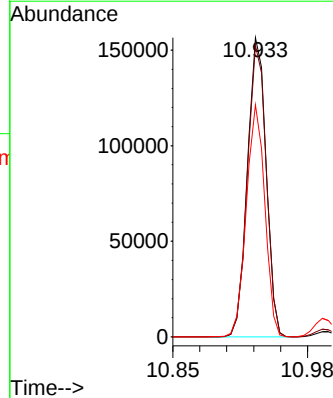
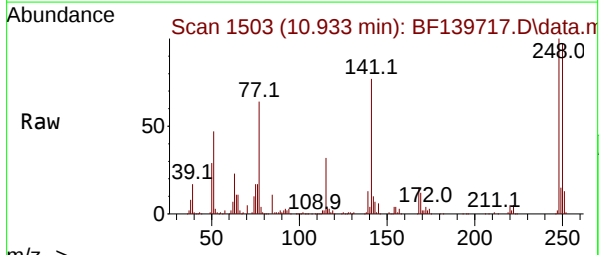




#67
4-Bromophenyl-phenylether
Concen: 46.061 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Instrument :
BNA_F
ClientSampleId :
PB163987BS

Tgt Ion:248 Resp: 195304
Ion Ratio Lower Upper
248 100
250 97.4 77.1 115.7
141 77.5 60.4 90.6



#68
Hexachlorobenzene
Concen: 46.308 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139717.D
Acq: 09 Oct 2024 12:37

Tgt Ion:284 Resp: 217879
Ion Ratio Lower Upper
284 100
142 31.4 26.9 40.3
249 29.7 25.4 38.0

Ref

Raw

Sub