

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139461.D
 Acq On : 19 Sep 2024 13:27
 Operator : RC/JU
 Sample : PB163516BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163516BS

Quant Time: Sep 19 13:58:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	79476	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	294976	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	162832	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	289025	20.000	ng	0.00
76) Chrysene-d12	14.033	240	150837	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	150353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	579167	118.881	ng	0.02
7) Phenol-d6	6.510	99	761475	119.082	ng	0.00
23) Nitrobenzene-d5	7.445	82	515094	82.092	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	200398	115.600	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	938766	80.859	ng	0.00
79) Terphenyl-d14	12.980	244	854167	92.949	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	72888	37.291	ng	98
3) Pyridine	3.516	79	189142	43.890	ng	98
4) n-Nitrosodimethylamine	3.481	42	150007	40.160	ng	86
6) Aniline	6.540	93	222428	46.092	ng	# 83
8) 2-Chlorophenol	6.663	128	221690	44.206	ng	99
9) Benzaldehyde	6.428	77	44315	11.995	ng	94
10) Phenol	6.528	94	285763	43.877	ng	93
11) bis(2-Chloroethyl)ether	6.616	93	209772	42.378	ng	99
12) 1,3-Dichlorobenzene	6.822	146	236889	41.535	ng	98
13) 1,4-Dichlorobenzene	6.898	146	239803	41.608	ng	100
14) 1,2-Dichlorobenzene	7.045	146	229785	42.194	ng	98
15) Benzyl Alcohol	7.022	79	218952	42.917	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	390320	51.165	ng	98
17) 2-Methylphenol	7.134	107	178921	44.905	ng	99
18) Hexachloroethane	7.393	117	91650	41.750	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	169210	44.654	ng	99
20) 3+4-Methylphenols	7.287	107	229948	42.301	ng	# 88
22) Acetophenone	7.287	105	313939	40.710	ng	99
24) Nitrobenzene	7.463	77	259252	40.145	ng	98
25) Isophorone	7.698	82	450781	45.427	ng	99
26) 2-Nitrophenol	7.775	139	116321	46.233	ng	95
27) 2,4-Dimethylphenol	7.810	122	178472	53.777	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	256316	45.321	ng	98
29) 2,4-Dichlorophenol	8.016	162	185670	44.038	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	199373	40.585	ng	99
31) Naphthalene	8.181	128	650550	42.245	ng	99
32) Benzoic acid	7.934	122	119212	38.384	ng	96
33) 4-Chloroaniline	8.228	127	105728	22.442	ng	99
34) Hexachlorobutadiene	8.298	225	130978	39.245	ng	99
35) Caprolactam	8.604	113	40328	31.095	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	207720	43.110	ng	97
37) 2-Methylnaphthalene	8.875	142	423122	43.288	ng	99
38) 1-Methylnaphthalene	8.975	142	393599	41.016	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	203651	42.200	ng	99
41) Hexachlorocyclopentadiene	9.022	237	250778	148.832	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	140250	44.670	ng	99

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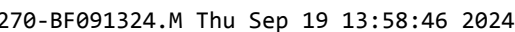
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	138933	41.951	ng	98
46) 1,1'-Biphenyl	9.339	154	530326	42.334	ng	99
47) 2-Chloronaphthalene	9.363	162	390840	41.728	ng	99
48) 2-Nitroaniline	9.457	65	150622	43.235	ng	99
49) Acenaphthylene	9.775	152	653338	46.338	ng	99
50) Dimethylphthalate	9.639	163	467101	43.706	ng	99
51) 2,6-Dinitrotoluene	9.698	165	103168	43.575	ng	97
52) Acenaphthene	9.951	154	469144	47.676	ng	99
53) 3-Nitroaniline	9.869	138	66233	27.992	ng	92
54) 2,4-Dinitrophenol	9.975	184	116136	88.031	ng	91
55) Dibenzofuran	10.122	168	591901	43.155	ng	97
56) 4-Nitrophenol	10.028	139	155458	79.402	ng	88
57) 2,4-Dinitrotoluene	10.104	165	137416	42.991	ng	99
58) Fluorene	10.463	166	463611	41.428	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	121893	44.493	ng	96
60) Diethylphthalate	10.333	149	475070	43.075	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	225213	41.410	ng	95
62) 4-Nitroaniline	10.481	138	97325	37.688	ng	92
63) Azobenzene	10.616	77	480944	44.337	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	74229	48.661	ng	96
66) n-Nitrosodiphenylamine	10.575	169	398654	47.177	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	132209	46.160	ng	98
68) Hexachlorobenzene	11.010	284	147375	43.843	ng	98
69) Atrazine	11.098	200	128099	63.677	ng	99
70) Pentachlorophenol	11.204	266	166350	82.473	ng	99
71) Phenanthrene	11.428	178	633170	45.407	ng	99
72) Anthracene	11.475	178	638377	46.824	ng	99
73) Carbazole	11.628	167	557076	42.692	ng	99
74) Di-n-butylphthalate	11.957	149	669000	46.024	ng	100
75) Fluoranthene	12.610	202	627482	42.138	ng	99
77) Benzidine	12.733	184	141705	65.572	ng	100
78) Pyrene	12.839	202	630733	48.700	ng	99
80) Butylbenzylphthalate	13.457	149	222229	50.411	ng	97
81) Benzo(a)anthracene	14.027	228	471152	47.156	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	102331	34.973	ng	99
83) Chrysene	14.063	228	420932	45.793	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	278107	49.591	ng	99
85) Di-n-octyl phthalate	14.621	149	428142	51.839	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	424446	47.475	ng	98
88) Benzo(b)fluoranthene	15.074	252	446898	48.194	ng	99
89) Benzo(k)fluoranthene	15.104	252	358505	41.932	ng	98
90) Benzo(a)pyrene	15.445	252	380851	49.523	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	345537	46.772	ng	99
92) Benzo(g,h,i)perylene	17.427	276	312491	42.721	ng	97

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

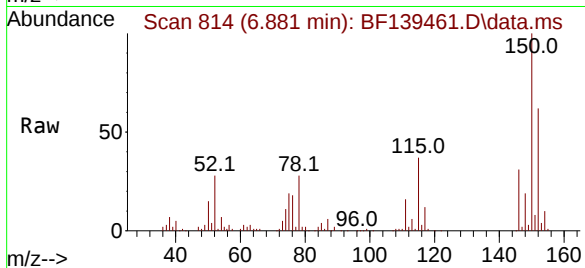
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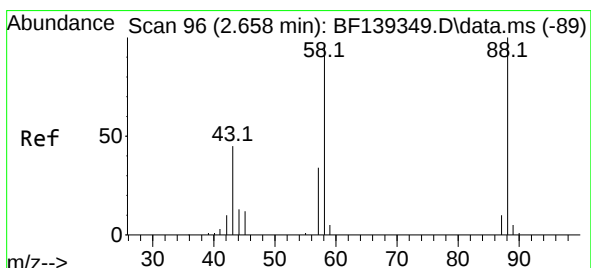
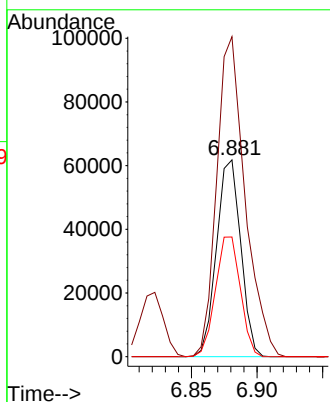
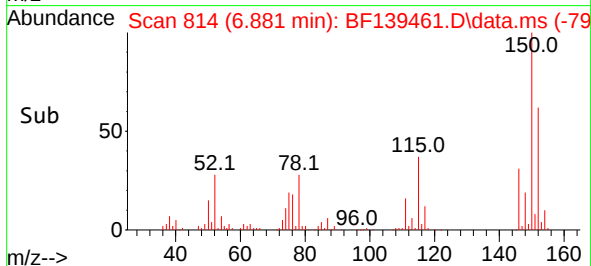


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139461.D
 Acq: 19 Sep 2024 13:27

Instrument :
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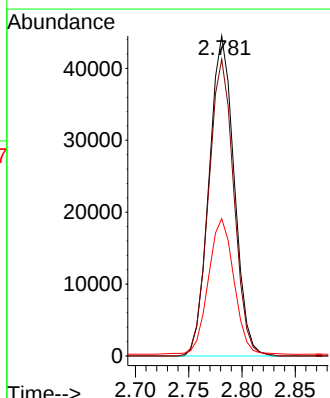
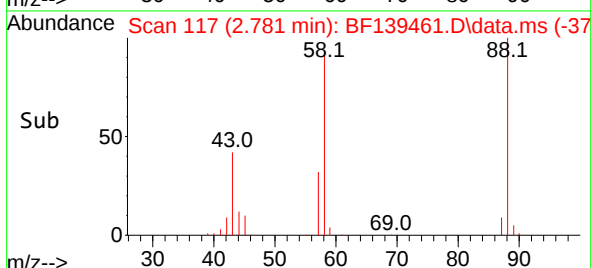
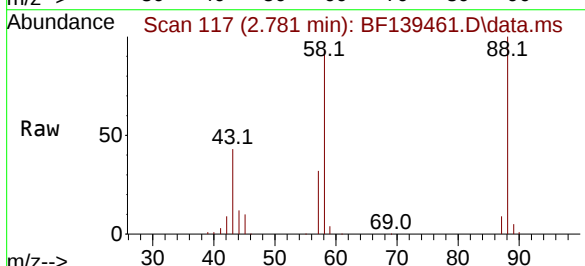


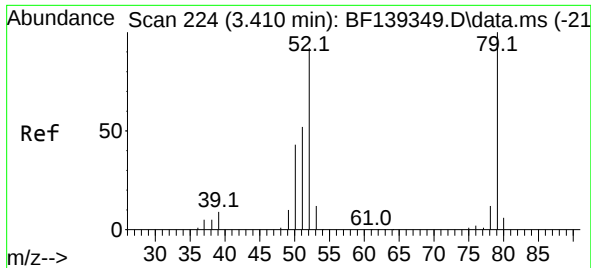
Tgt Ion:152 Resp: 79476
 Ion Ratio Lower Upper
 152 100
 150 162.6 124.1 186.1
 115 60.8 48.1 72.1



#2
 1,4-Dioxane
 Concen: 37.291 ng
 RT: 2.781 min Scan# 117
 Delta R.T. 0.123 min
 Lab File: BF139461.D
 Acq: 19 Sep 2024 13:27

Tgt Ion: 88 Resp: 72888
 Ion Ratio Lower Upper
 88 100
 58 92.9 74.8 112.2
 43 43.1 36.4 54.6





#3

Pyridine

Concen: 43.890 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.106 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

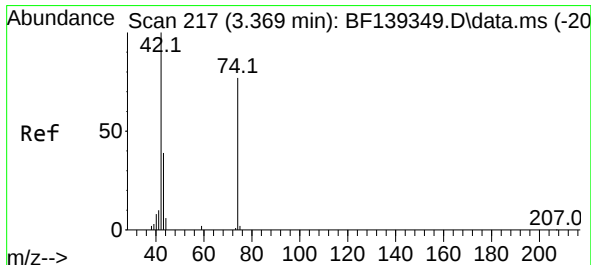
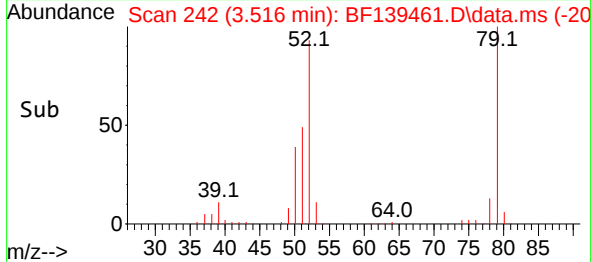
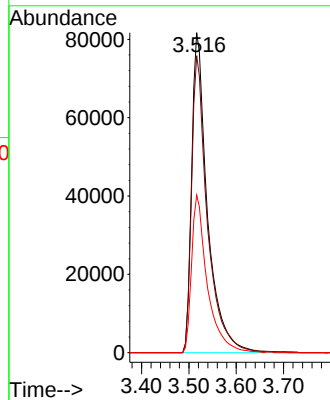
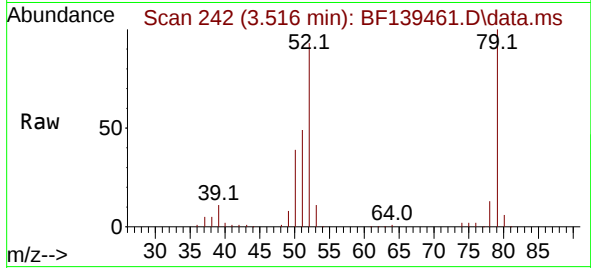
Tgt Ion: 79 Resp: 189142

Ion Ratio Lower Upper

79 100

52 92.8 73.8 110.8

51 49.3 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 40.160 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.112 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

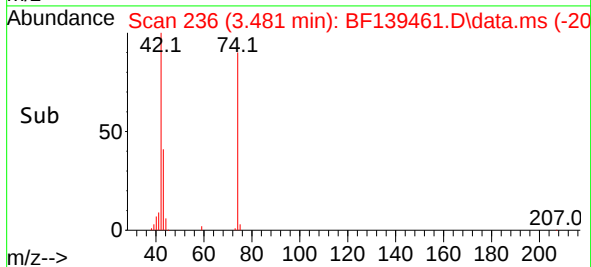
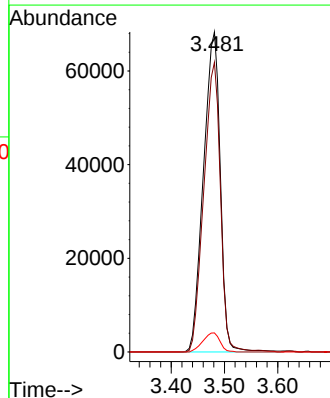
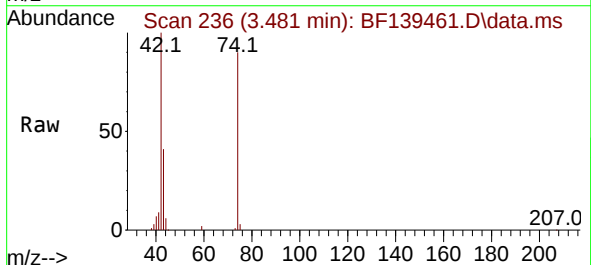
Tgt Ion: 42 Resp: 150007

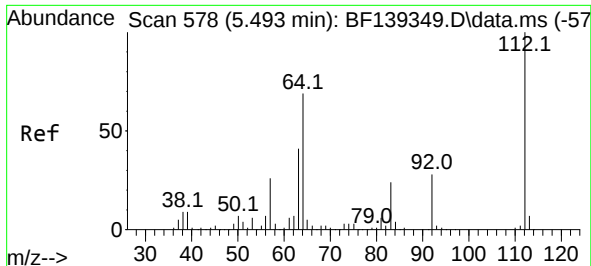
Ion Ratio Lower Upper

42 100

74 90.5 61.8 92.8

44 5.9 4.8 7.2

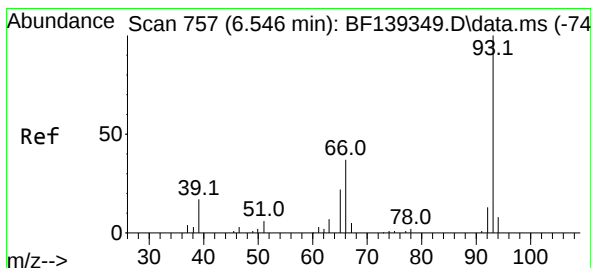
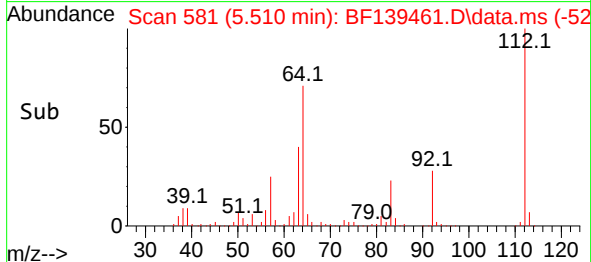
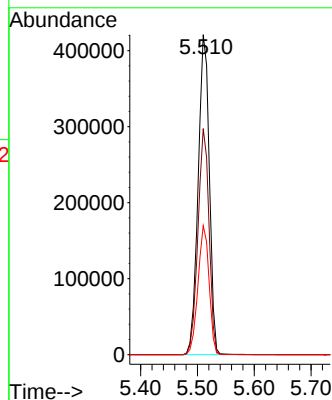
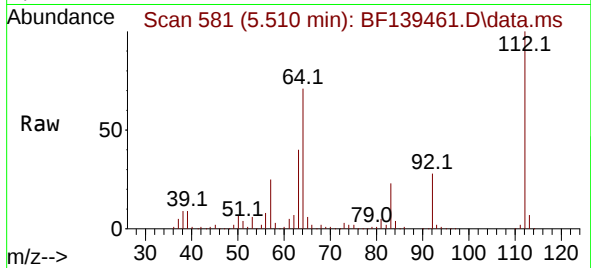




#5
2-Fluorophenol
Concen: 118.881 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

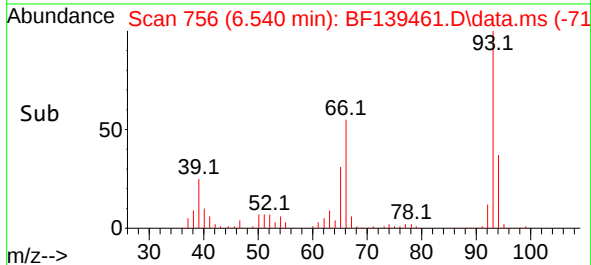
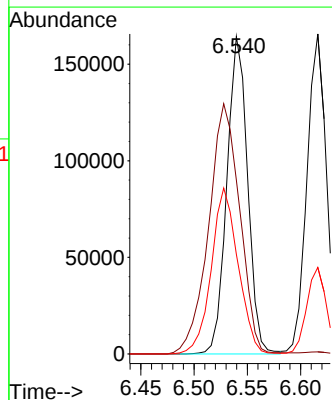
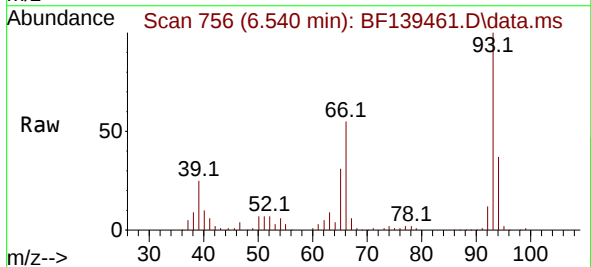
Instrument :
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Tgt Ion:112 Resp: 579167
Ion Ratio Lower Upper
112 100
64 70.7 54.8 82.2
63 40.3 33.0 49.4



#6
Aniline
Concen: 46.092 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion: 93 Resp: 222428
Ion Ratio Lower Upper
93 100
66 54.8 35.4 53.0#
65 31.4 18.2 27.4#

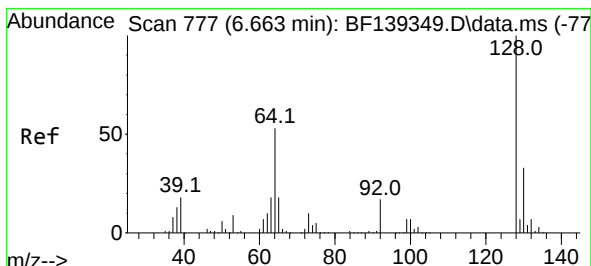
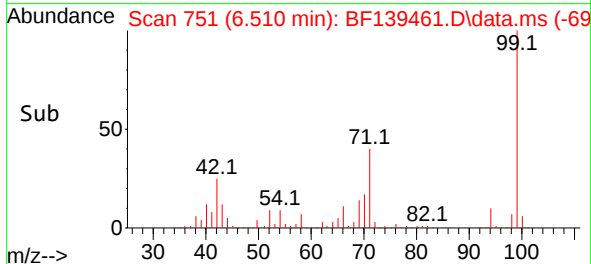
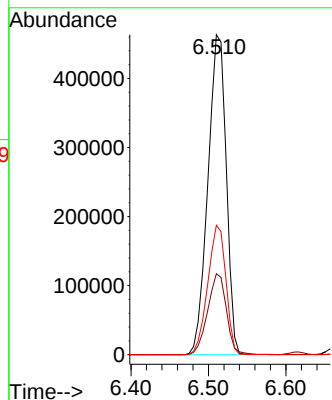
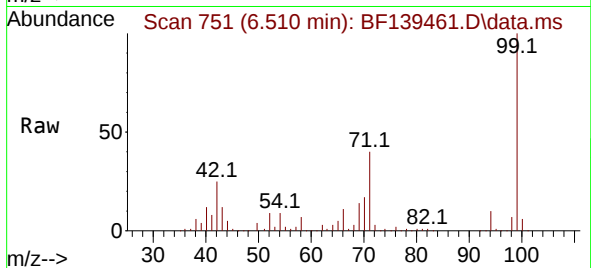




#7
Phenol-d6
Concen: 119.082 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

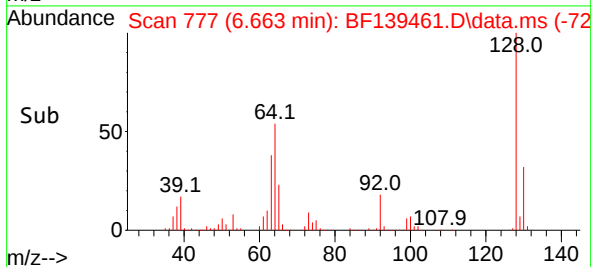
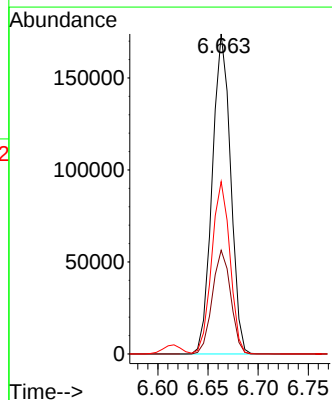
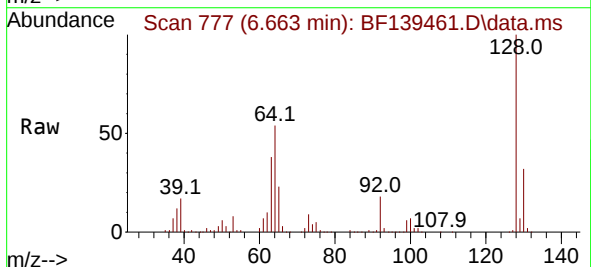
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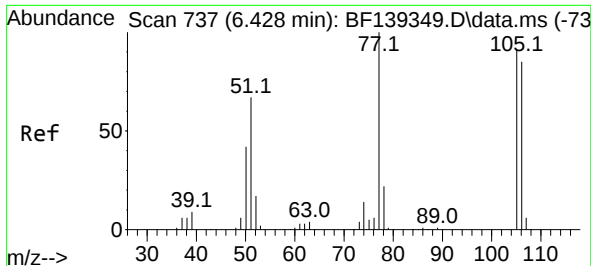
Tgt Ion: 99 Resp: 761475
Ion Ratio Lower Upper
99 100
42 25.3 21.9 32.9
71 40.5 34.6 52.0



#8
2-Chlorophenol
Concen: 44.206 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion: 128 Resp: 221690
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 53.8 35.1 75.1





#9

Benzaldehyde

Concen: 11.995 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

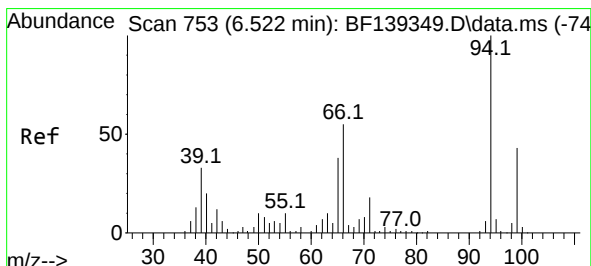
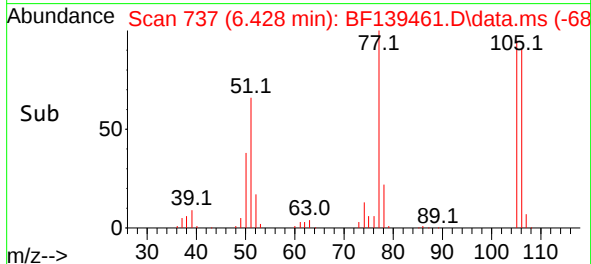
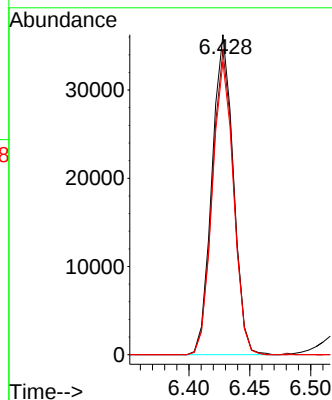
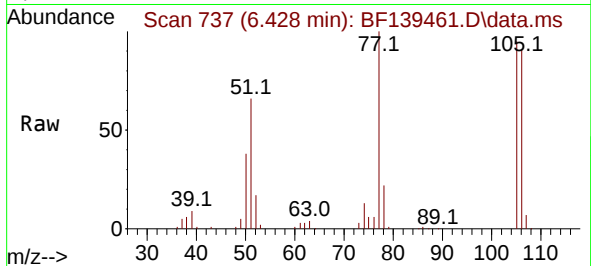
Tgt Ion: 77 Resp: 44315

Ion Ratio Lower Upper

77 100

105 95.0 71.0 111.0

106 91.5 64.9 104.9



#10

Phenol

Concen: 43.877 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

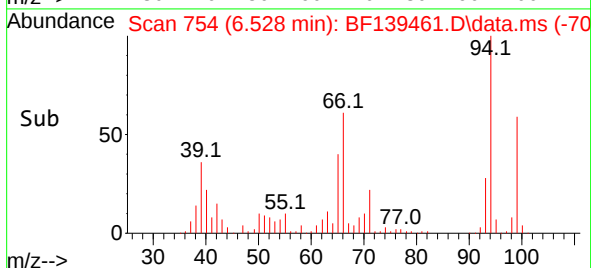
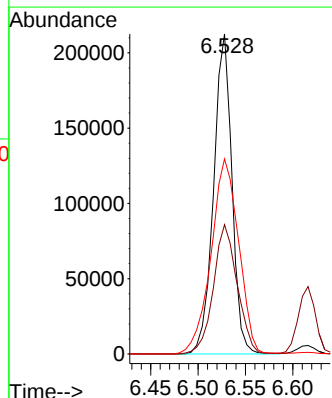
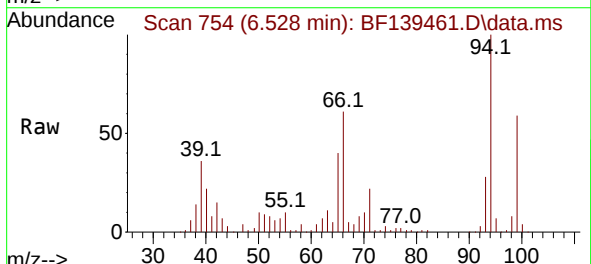
Tgt Ion: 94 Resp: 285763

Ion Ratio Lower Upper

94 100

65 40.4 17.6 57.6

66 60.9 35.2 75.2

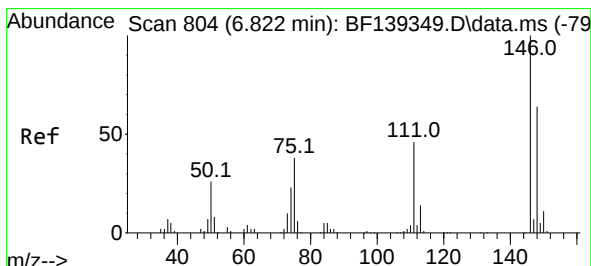
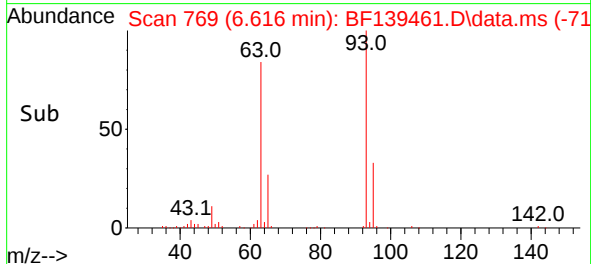
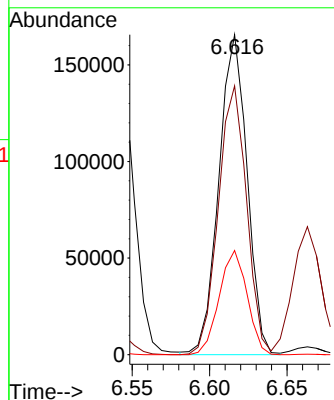
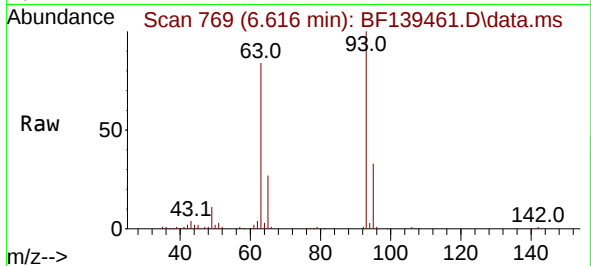




#11
bis(2-Chloroethyl)ether
Concen: 42.378 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

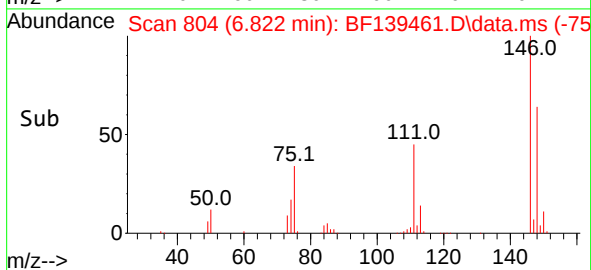
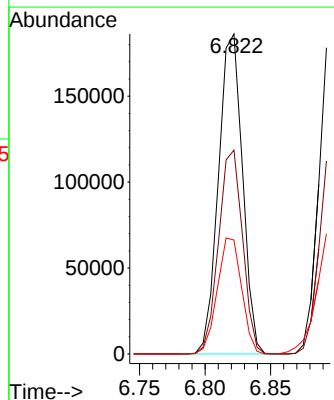
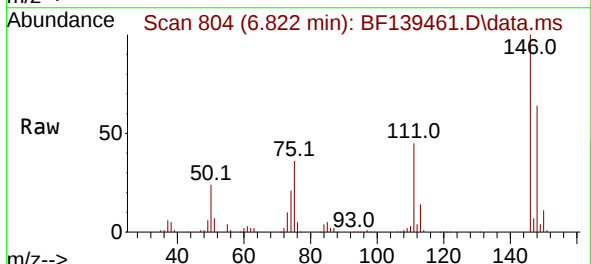
Instrument :
BNA_F
ClientSampleId :
PB163516BS

Tgt Ion: 93 Resp: 209772
Ion Ratio Lower Upper
93 100
63 84.0 65.3 105.3
95 32.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.535 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion: 146 Resp: 236889
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 35.6 30.6 46.0

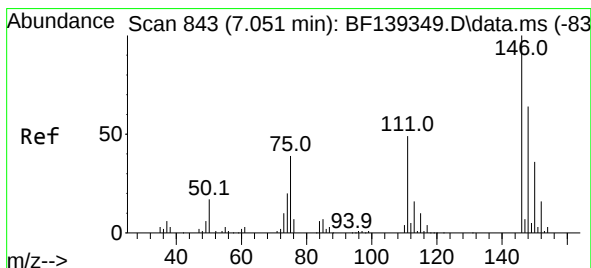
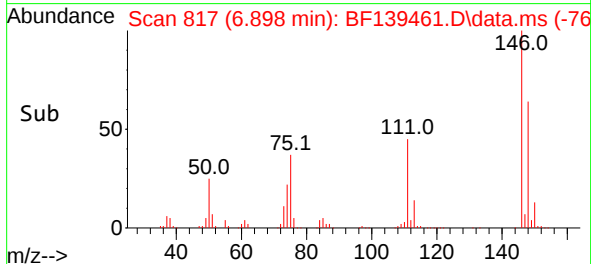
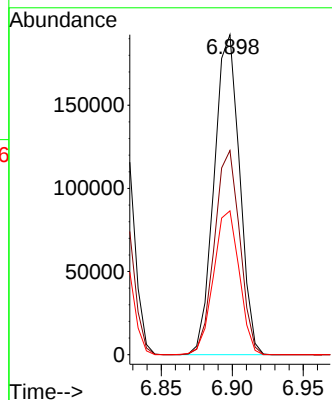
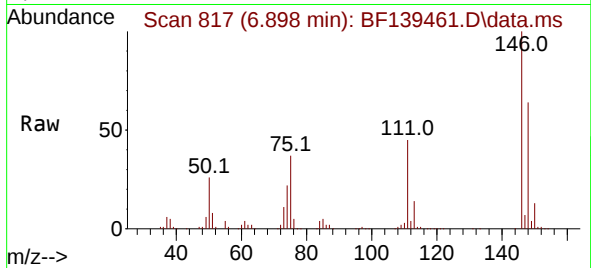




#13
1,4-Dichlorobenzene
Concen: 41.608 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

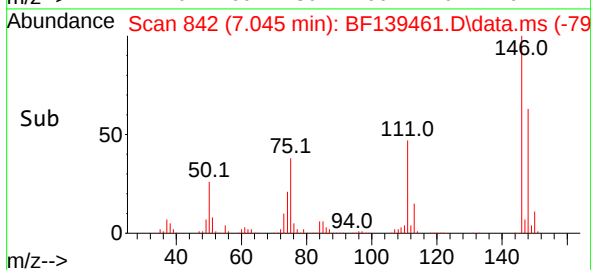
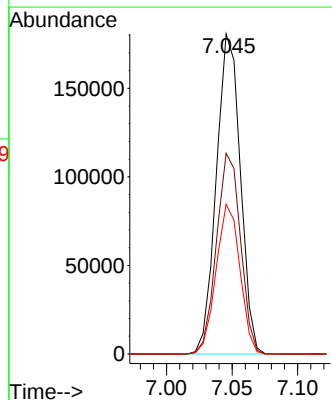
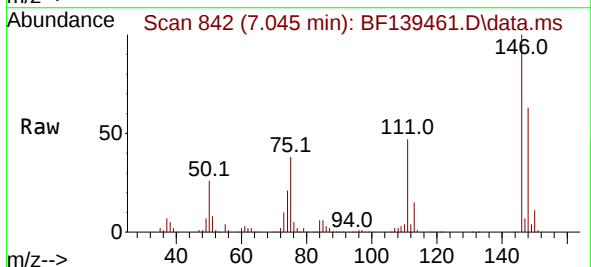
Instrument :
BNA_F
ClientSampleId :
PB163516BS

Tgt Ion:146 Resp: 239803
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 44.9 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 42.194 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:146 Resp: 229785
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 46.8 38.9 58.3

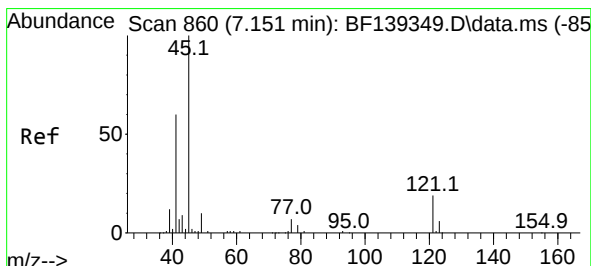
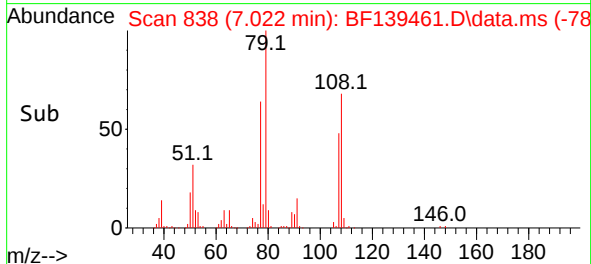
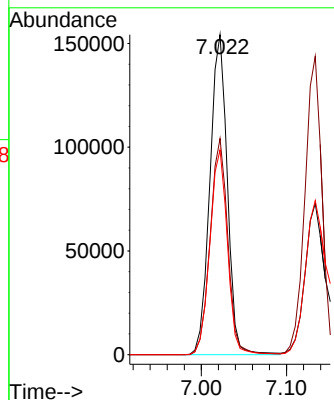
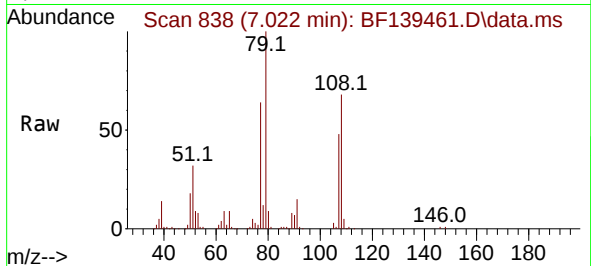




#15
Benzyl Alcohol
Concen: 42.917 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

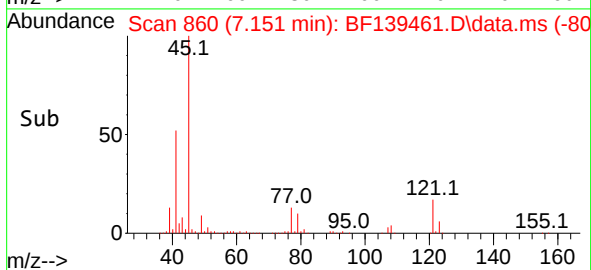
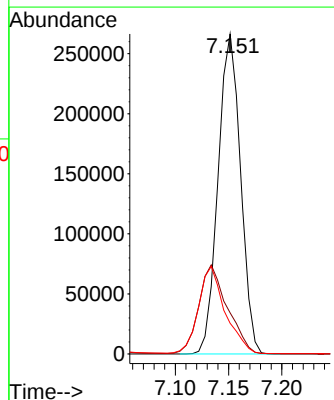
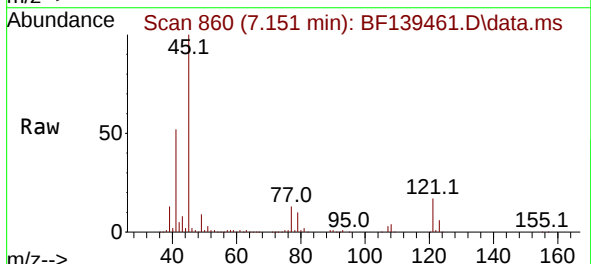
Instrument :
BNA_F
ClientSampleId :
PB163516BS

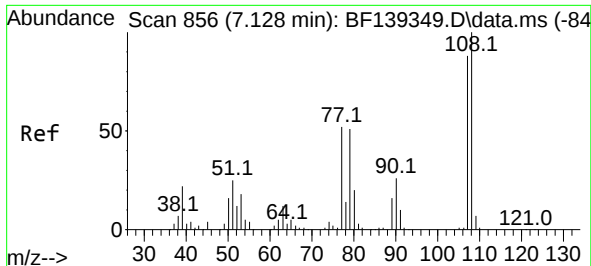
Tgt Ion: 79 Resp: 218952
Ion Ratio Lower Upper
79 100
108 67.6 50.4 75.6
77 64.0 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.165 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

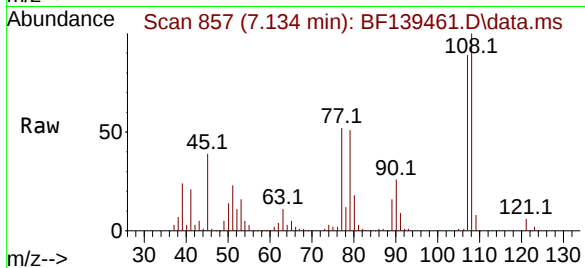
Tgt Ion: 45 Resp: 390320
Ion Ratio Lower Upper
45 100
77 12.9 0.0 32.0
79 9.6 0.0 29.1



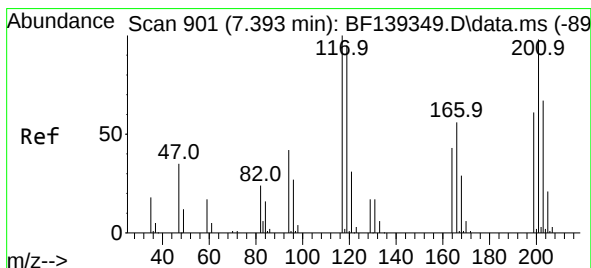
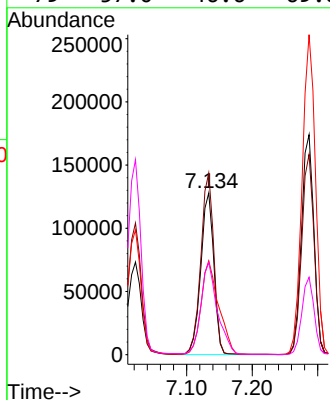
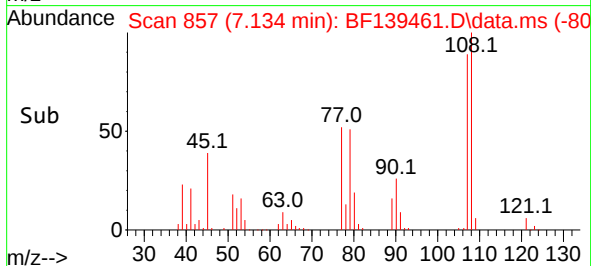


#17
2-Methylphenol
Concen: 44.905 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

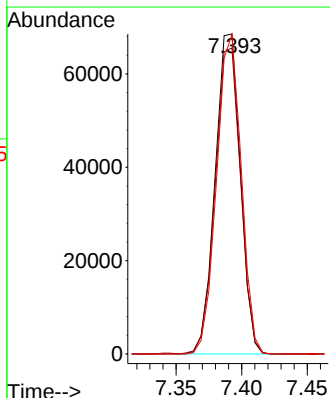
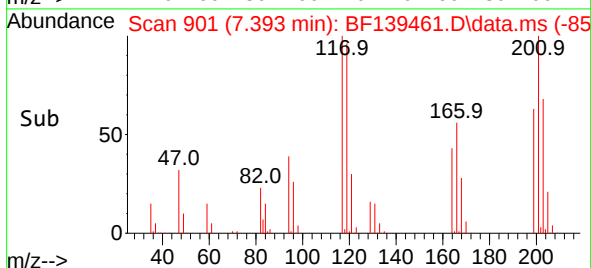
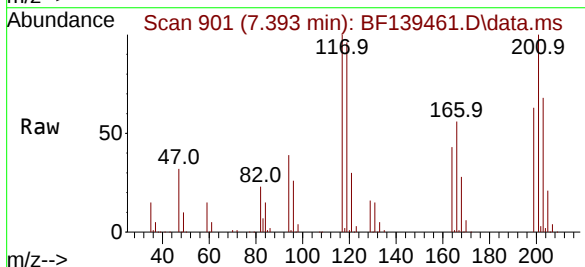


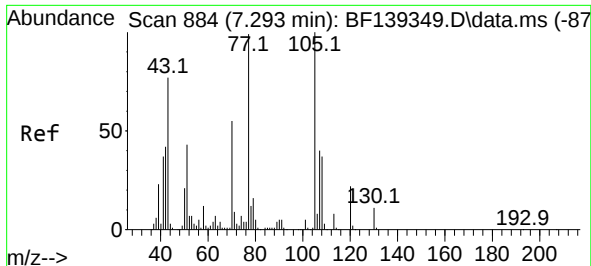
Tgt Ion:107 Resp: 178921
Ion Ratio Lower Upper
107 100
108 112.4 90.5 135.7
77 58.0 47.1 70.7
79 57.0 46.6 69.8



#18
Hexachloroethane
Concen: 41.750 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:117 Resp: 91650
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 99.8 78.6 118.0



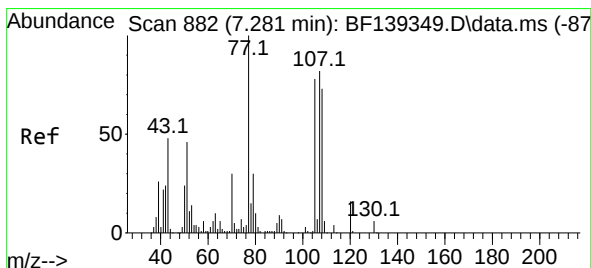
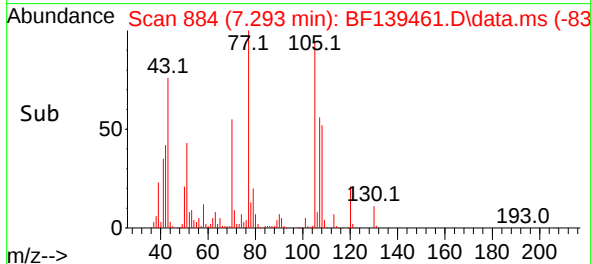
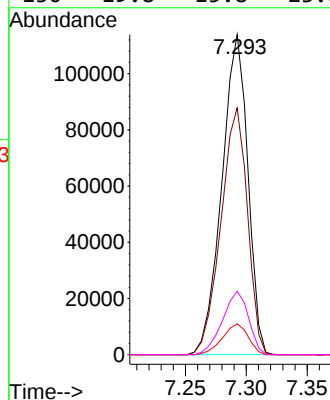
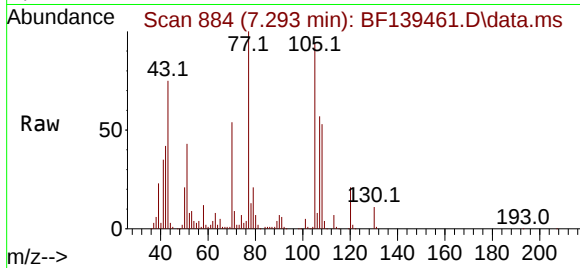


#19
n-Nitroso-di-n-propylamine
Concen: 44.654 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

Tgt Ion: 70 Resp: 169210

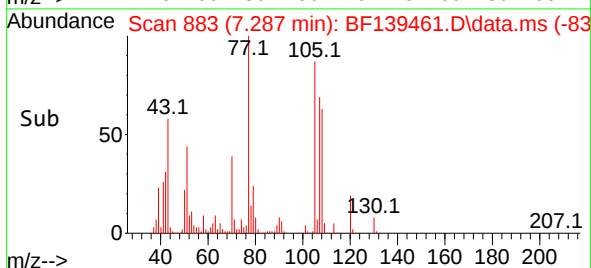
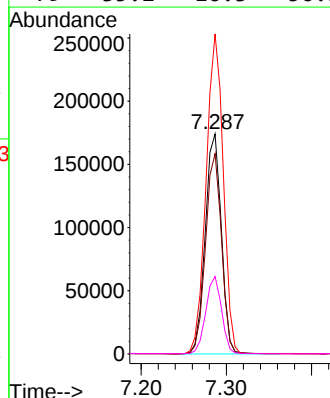
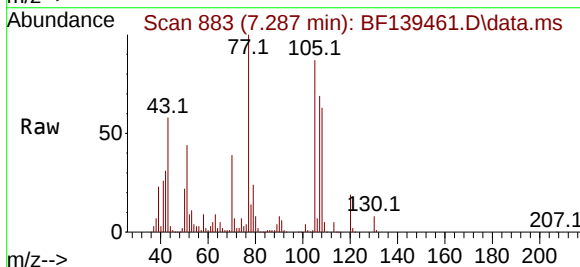
Ion	Ratio	Lower	Upper
70	100		
42	77.1	61.2	91.8
101	9.7	7.5	11.3
130	19.8	15.8	23.8

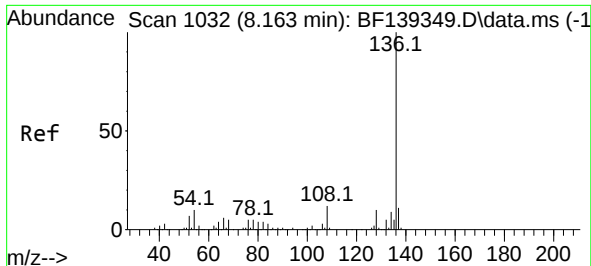


#20
3+4-Methylphenols
Concen: 42.301 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion: 107 Resp: 229948

Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.6	108.6
77	145.4	101.6	141.6#
79	35.2	16.3	56.3

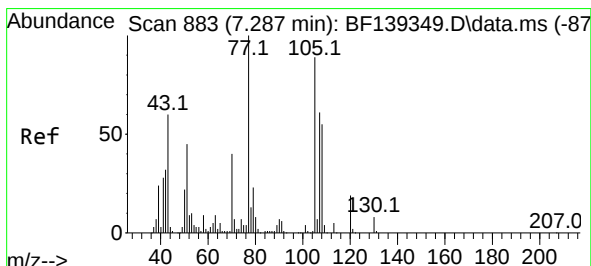
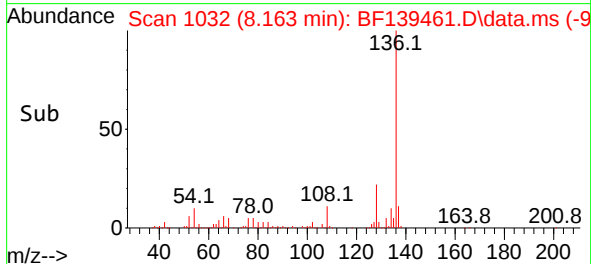
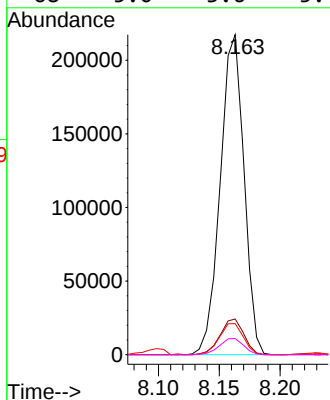
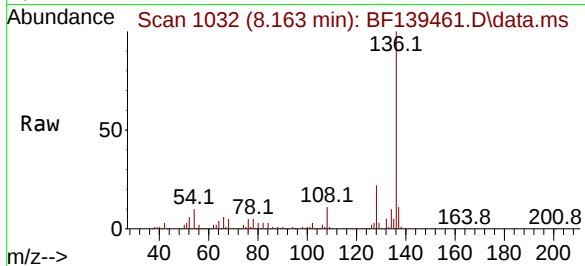




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

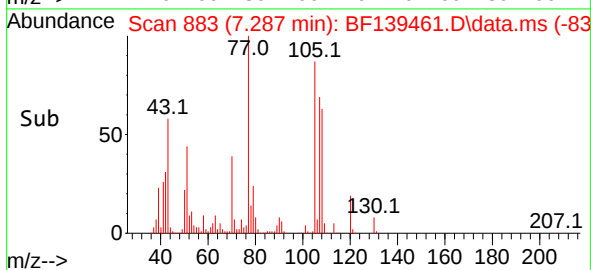
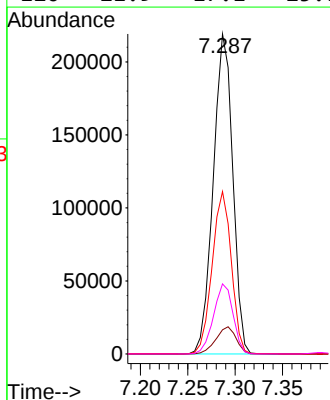
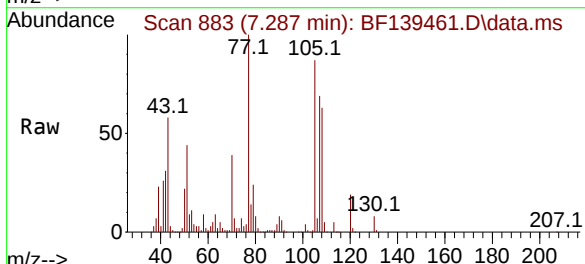
Instrument :
BNA_F
ClientSampleId :
PB163516BS

Tgt Ion:	136	Resp:	294976
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.7	7.8	11.8
68	5.0	3.6	5.4



#22
Acetophenone
Concen: 40.710 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:	105	Resp:	313939
Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.9	8.9
51	50.7	40.0	60.0
120	21.9	17.1	25.7





#23

Nitrobenzene-d5

Concen: 82.092 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

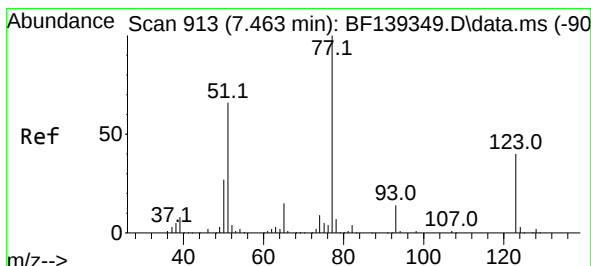
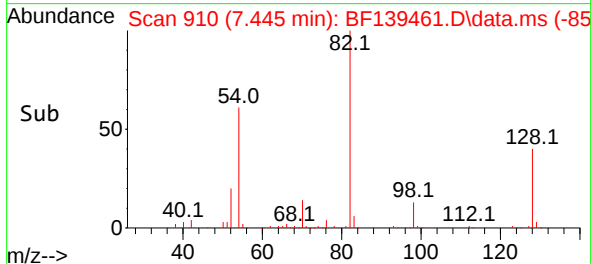
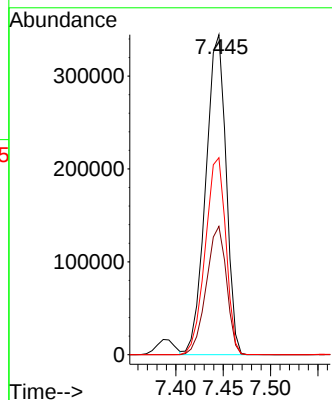
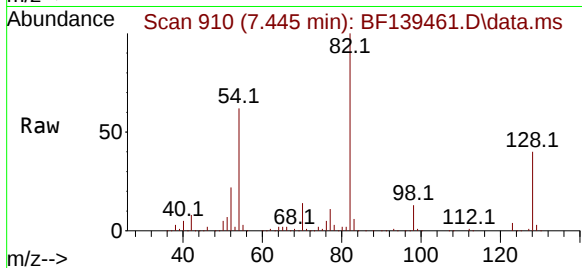
Tgt Ion: 82 Resp: 515094

Ion Ratio Lower Upper

82 100

128 40.1 31.8 47.6

54 61.5 50.6 75.8



#24

Nitrobenzene

Concen: 40.145 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

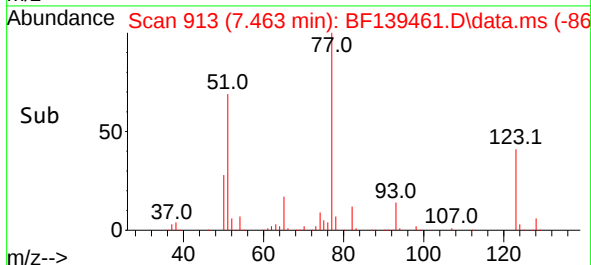
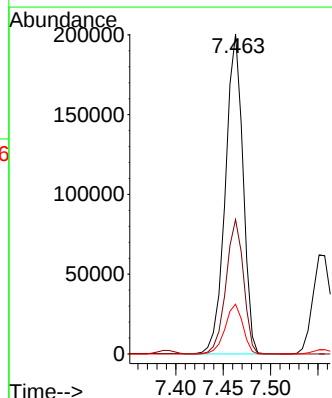
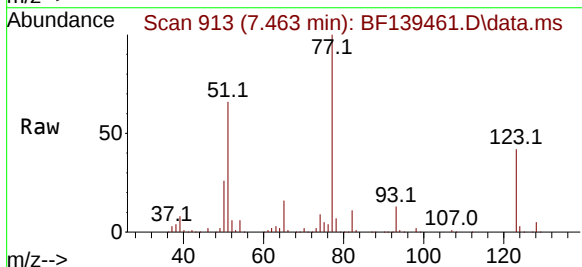
Tgt Ion: 77 Resp: 259252

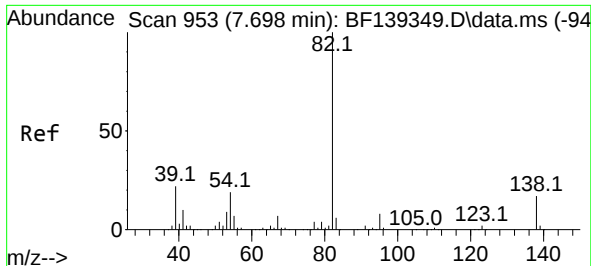
Ion Ratio Lower Upper

77 100

123 42.0 32.2 48.4

65 15.6 12.2 18.4

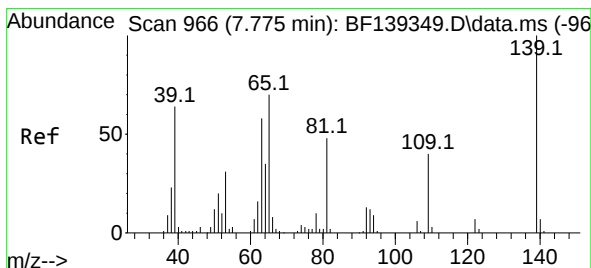
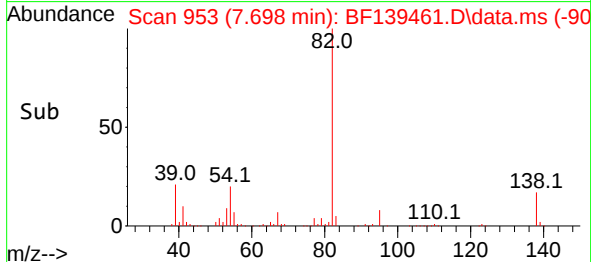
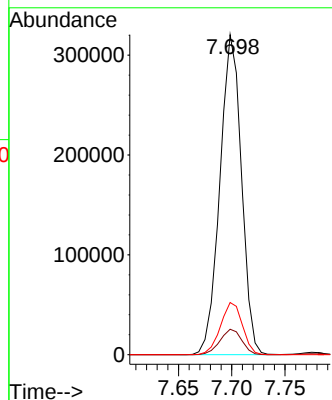
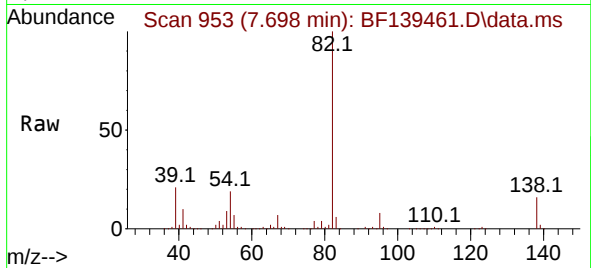




#25
Isophorone
Concen: 45.427 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

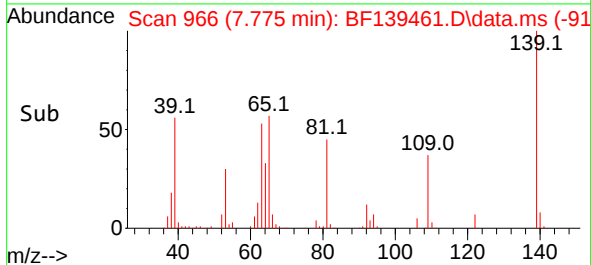
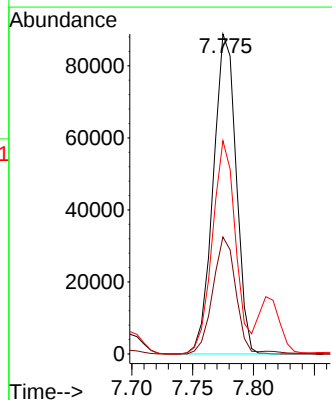
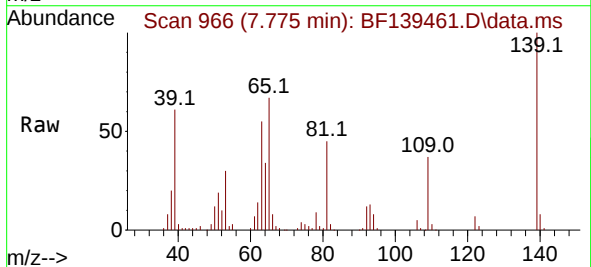
Instrument :
BNA_F
ClientSampleId :
PB163516BS

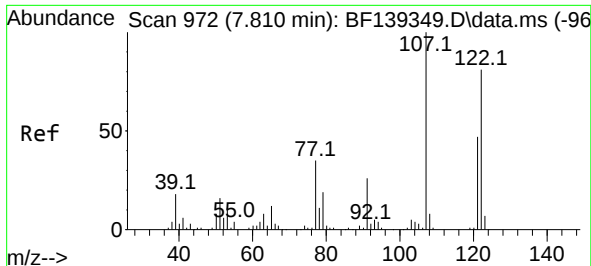
Tgt Ion: 82 Resp: 450781
Ion Ratio Lower Upper
82 100
95 8.0 6.7 10.1
138 16.3 13.3 19.9



#26
2-Nitrophenol
Concen: 46.233 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:139 Resp: 116321
Ion Ratio Lower Upper
139 100
109 36.6 32.2 48.2
65 66.7 55.8 83.8

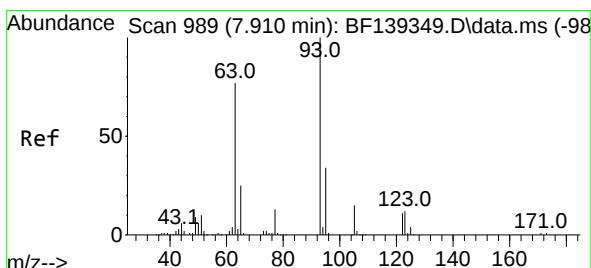
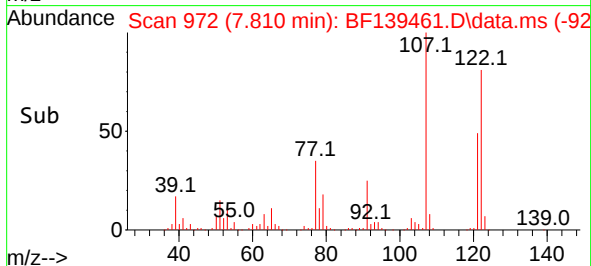
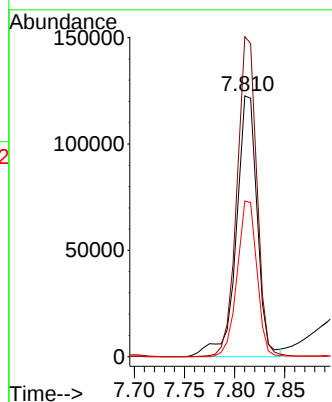
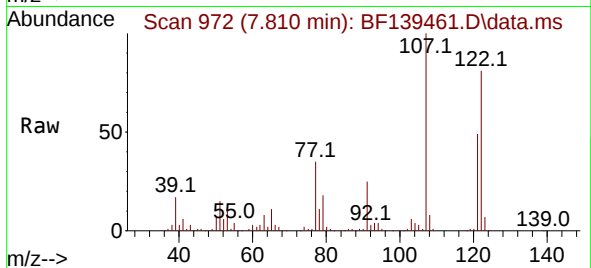




#27
2,4-Dimethylphenol
Concen: 53.777 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

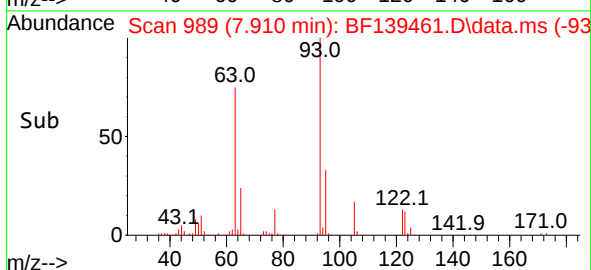
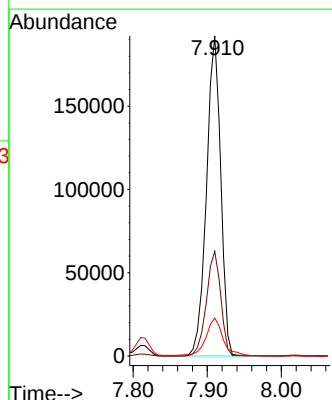
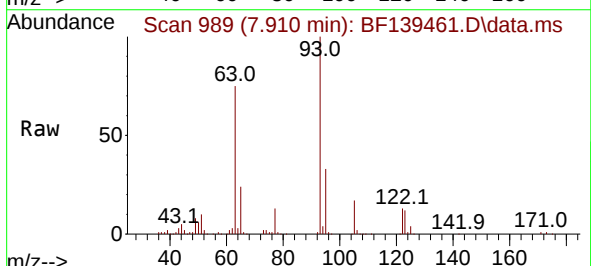
Instrument :
BNA_F
ClientSampleId :
PB163516BS

Tgt Ion:122 Resp: 178472
Ion Ratio Lower Upper
122 100
107 122.7 99.1 148.7
121 59.7 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.321 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion: 93 Resp: 256316
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 11.9 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 44.038 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

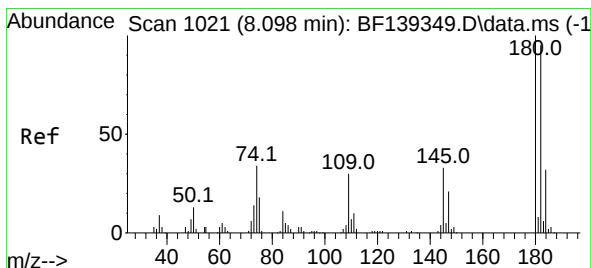
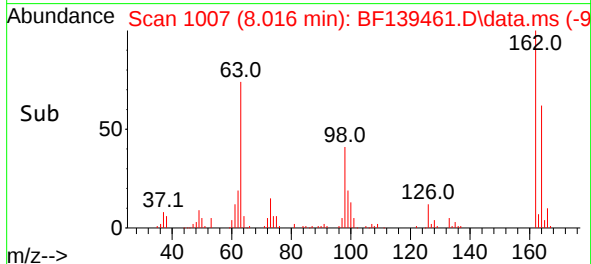
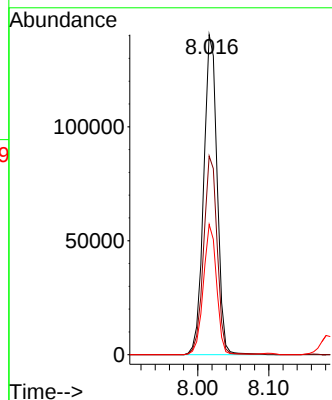
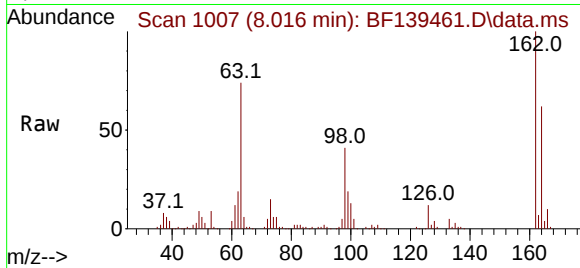
Tgt Ion:162 Resp: 185670

Ion Ratio Lower Upper

162 100

164 62.1 43.6 83.6

98 40.7 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 40.585 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

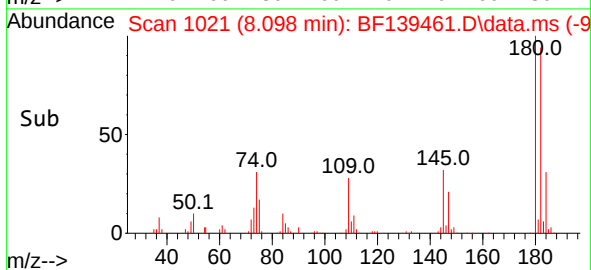
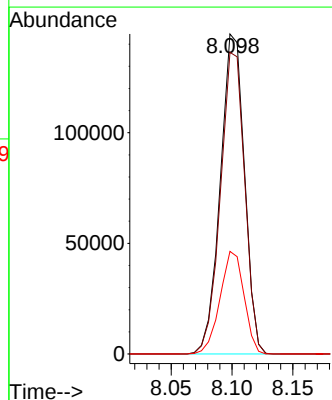
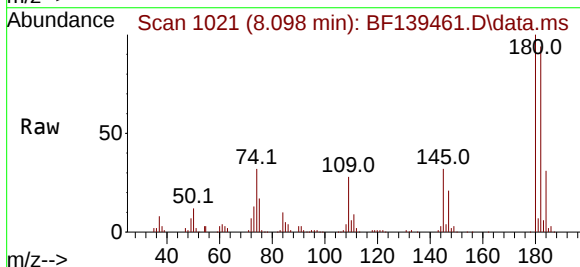
Tgt Ion:180 Resp: 199373

Ion Ratio Lower Upper

180 100

182 94.2 75.7 113.5

145 32.0 26.5 39.7

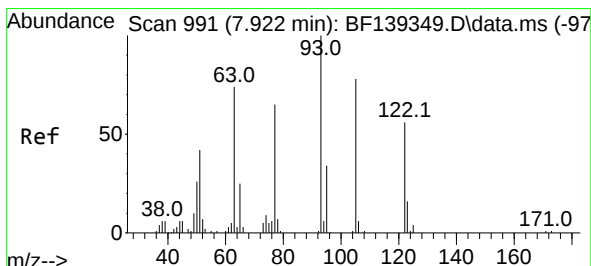
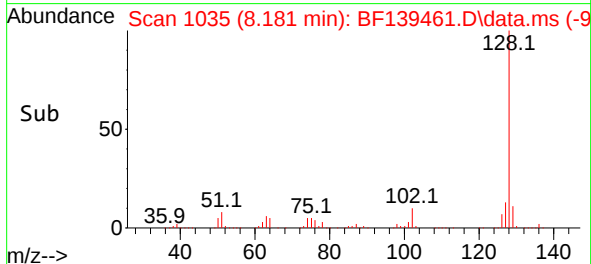
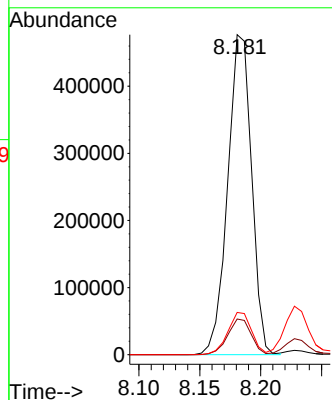
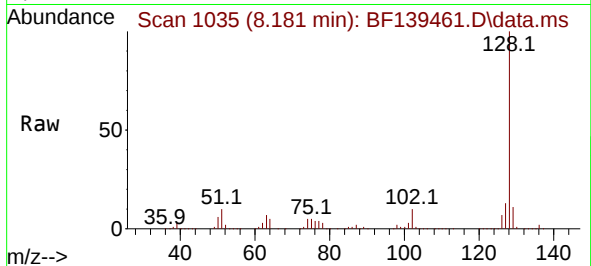




#31
Naphthalene
Concen: 42.245 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

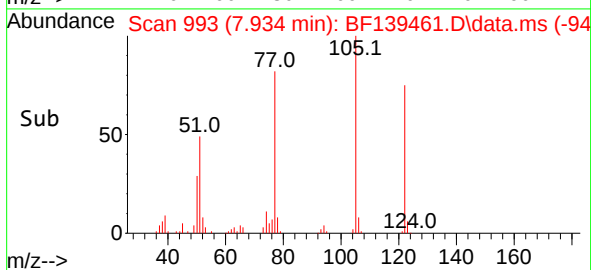
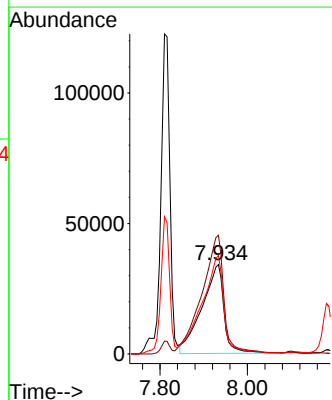
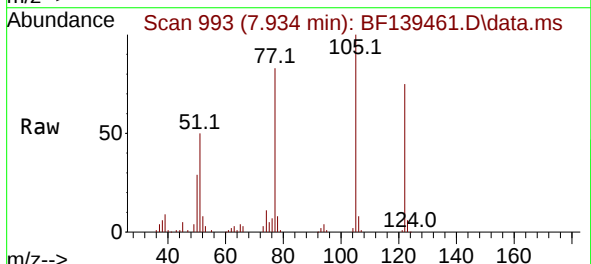
Instrument :
BNA_F
ClientSampleId :
PB163516BS

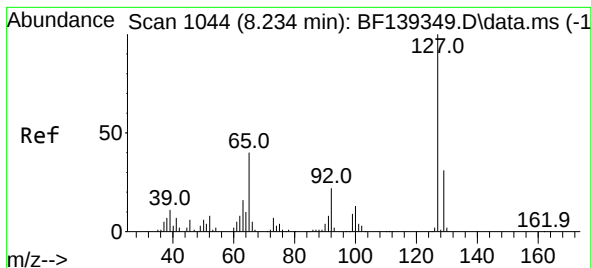
Tgt Ion:128 Resp: 650550
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 38.384 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:122 Resp: 119212
Ion Ratio Lower Upper
122 100
105 132.7 117.1 157.1
77 109.9 95.4 135.4





#33

4-Chloroaniline

Concen: 22.442 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

Tgt Ion:127 Resp: 105728

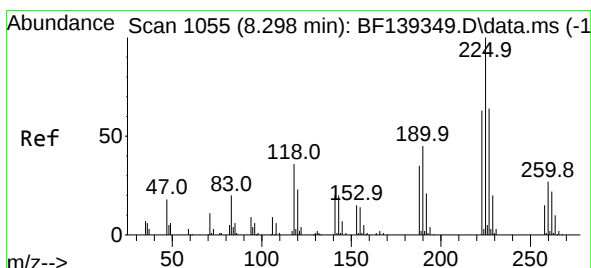
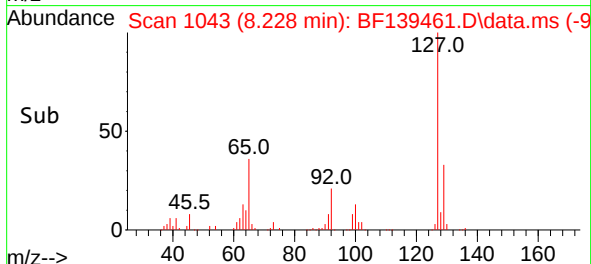
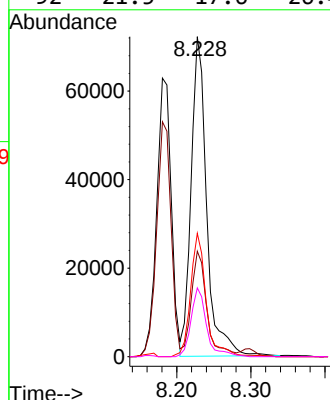
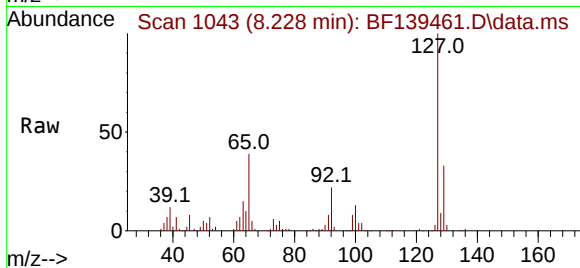
Ion Ratio Lower Upper

127 100

129 32.9 25.5 38.3

65 38.5 31.5 47.3

92 21.5 17.6 26.4



#34

Hexachlorobutadiene

Concen: 39.245 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

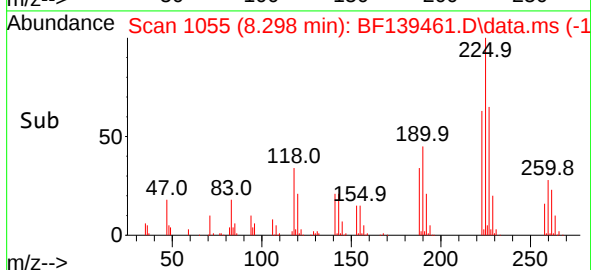
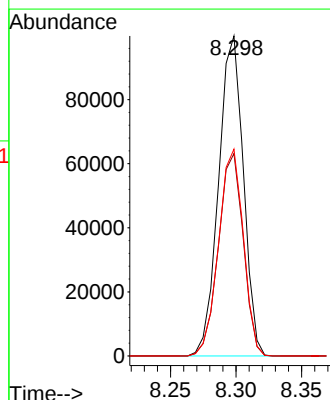
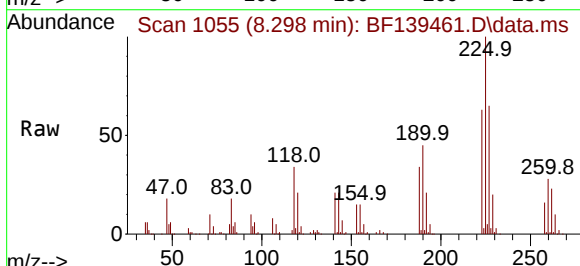
Tgt Ion:225 Resp: 130978

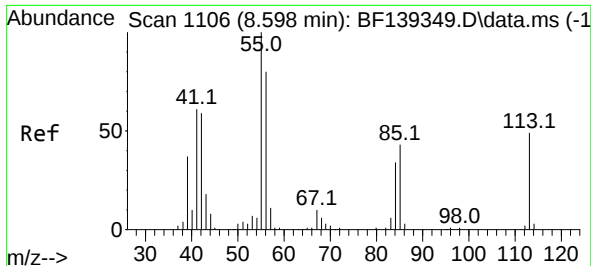
Ion Ratio Lower Upper

225 100

223 63.2 50.1 75.1

227 64.6 51.0 76.6

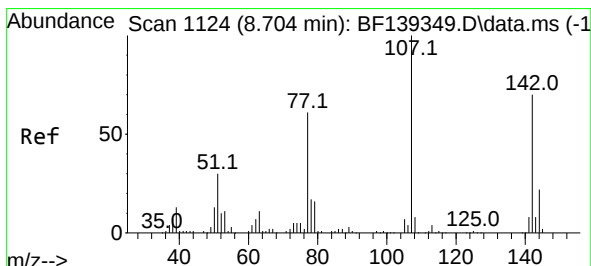
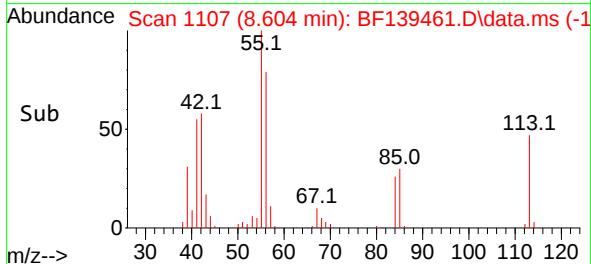
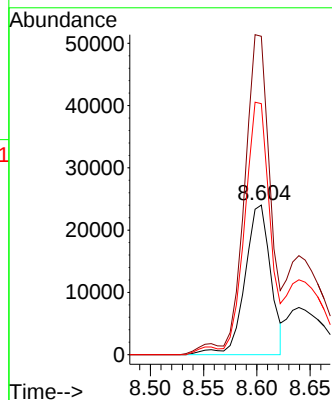
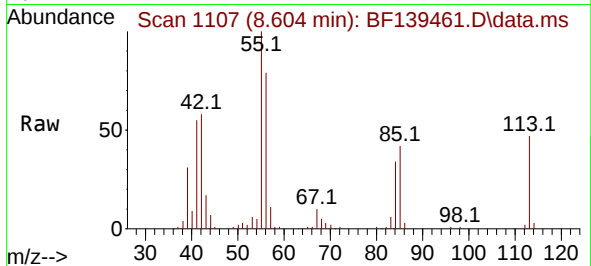




#35
 Caprolactam
 Concen: 31.095 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF139461.D
 Acq: 19 Sep 2024 13:27

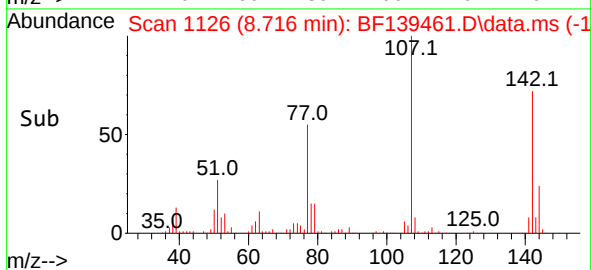
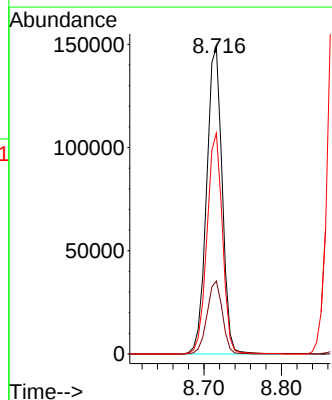
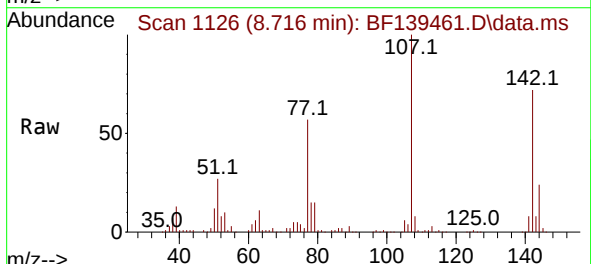
Instrument :
 BNA_F
 ClientSampleId :
 PB163516BS

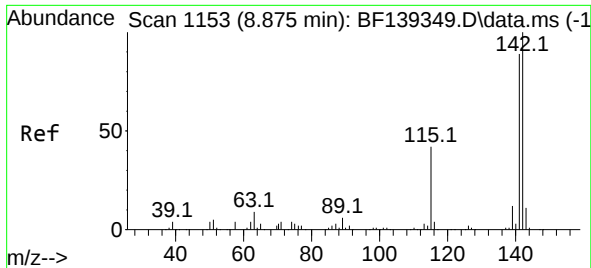
Tgt Ion:113 Resp: 40328
 Ion Ratio Lower Upper
 113 100
 55 212.9 186.1 226.1
 56 167.9 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.110 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139461.D
 Acq: 19 Sep 2024 13:27

Tgt Ion:107 Resp: 207720
 Ion Ratio Lower Upper
 107 100
 144 23.8 17.5 26.3
 142 71.9 55.8 83.8

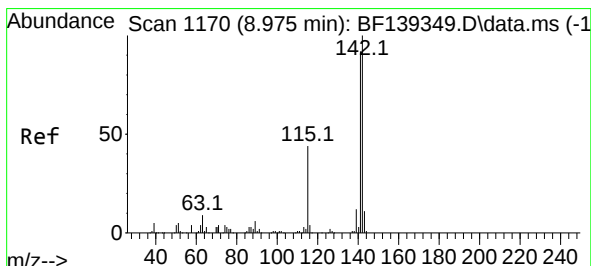
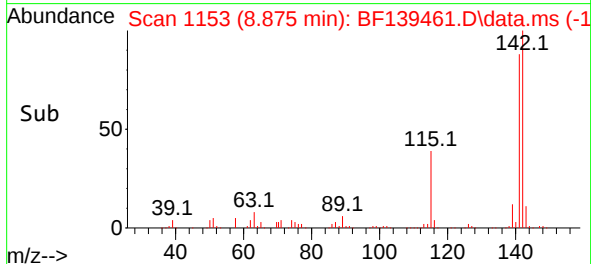
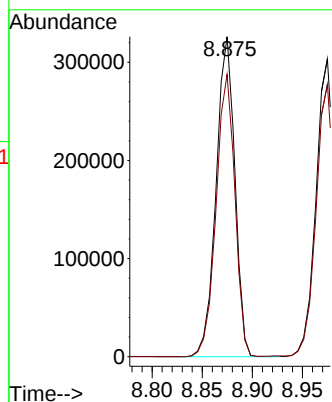
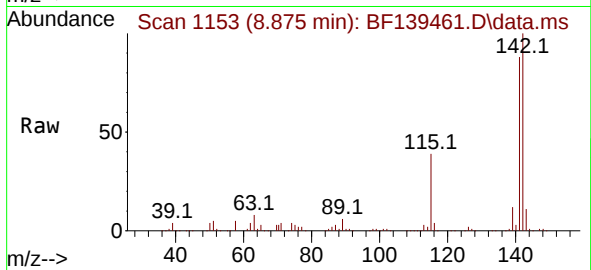




#37
2-Methylnaphthalene
Concen: 43.288 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

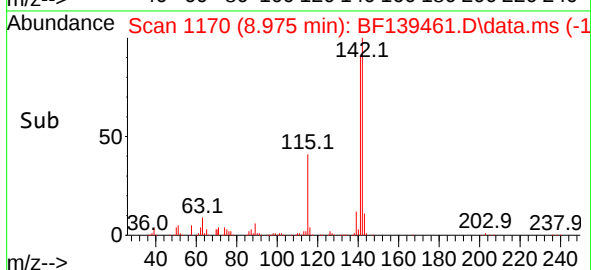
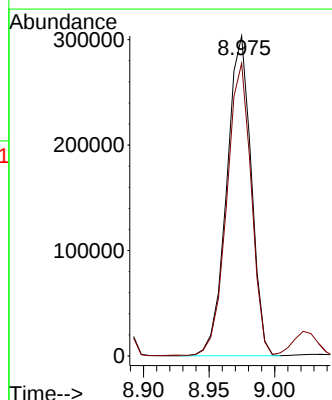
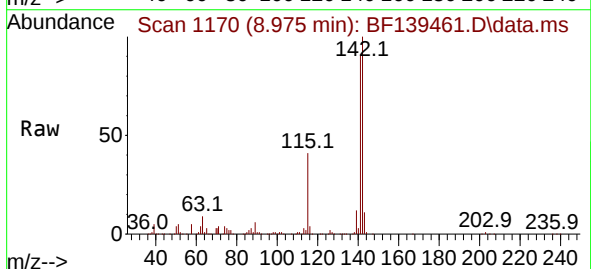
Instrument :
BNA_F
ClientSampleId :
PB163516BS

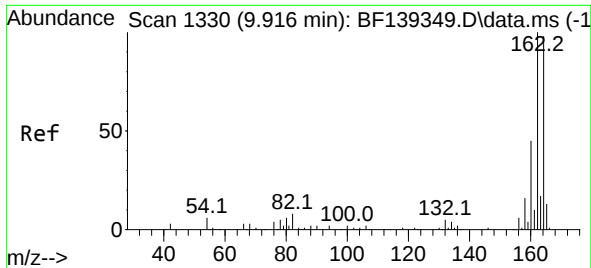
Tgt Ion:142 Resp: 423122
Ion Ratio Lower Upper
142 100
141 88.2 71.6 107.4



#38
1-Methylnaphthalene
Concen: 41.016 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:142 Resp: 393599
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8

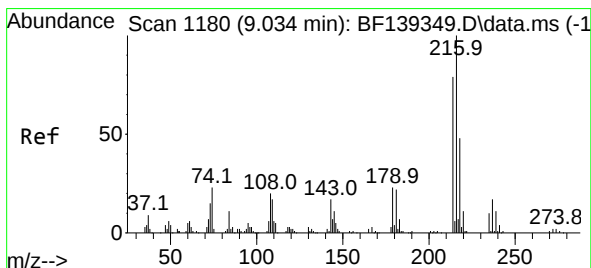
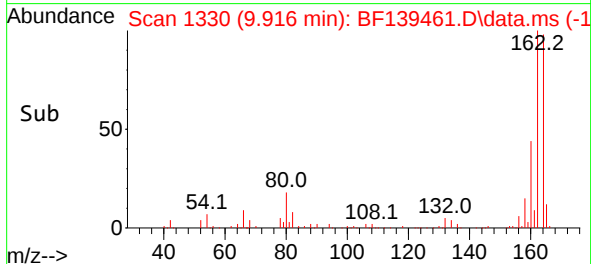
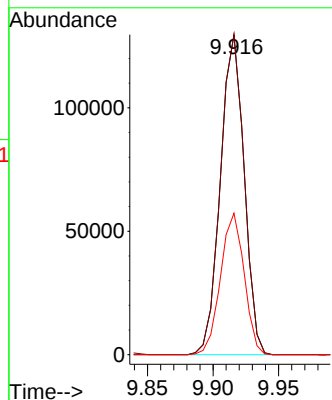
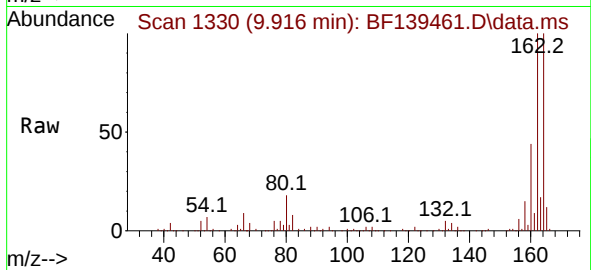




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

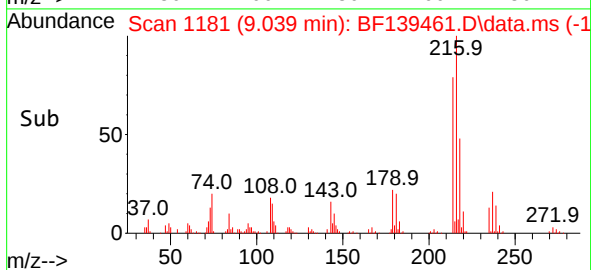
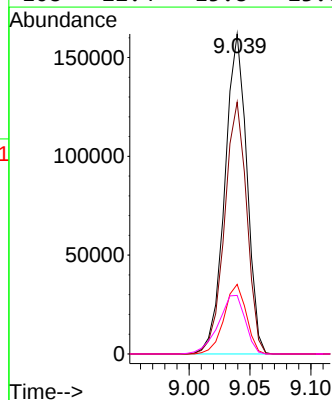
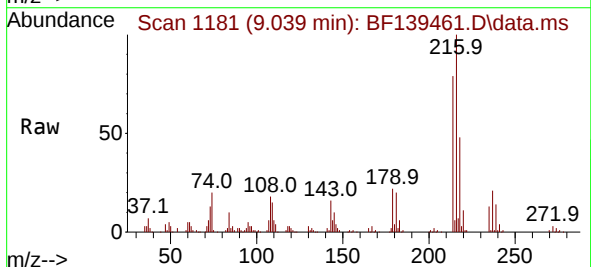
Instrument :
BNA_F
ClientSampleId :
PB163516BS

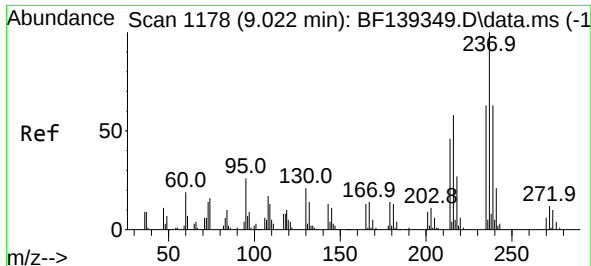
Tgt Ion:164 Resp: 162832
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.2 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.200 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:216 Resp: 203651
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 21.9 18.2 27.2
108 22.4 15.8 23.6

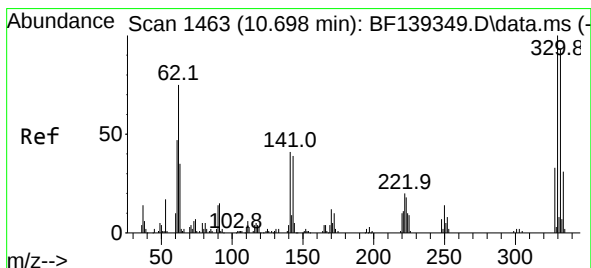
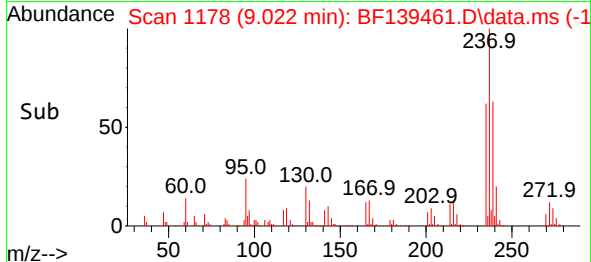
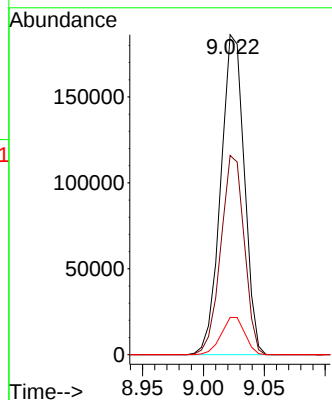
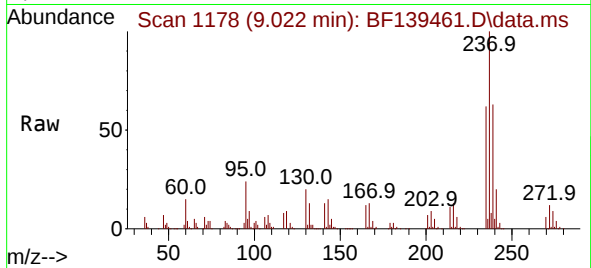




#41
Hexachlorocyclopentadiene
Concen: 148.832 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

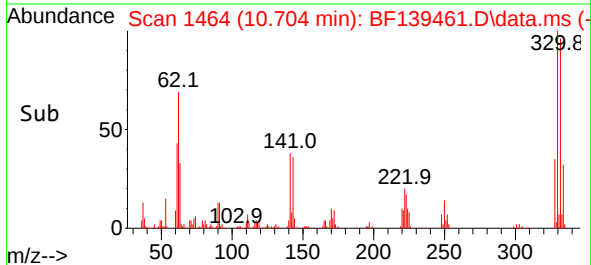
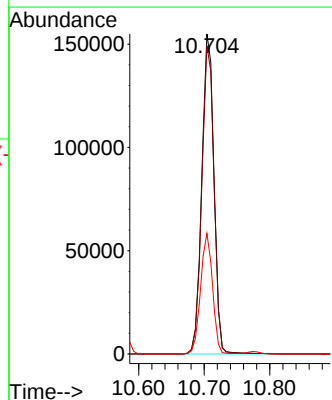
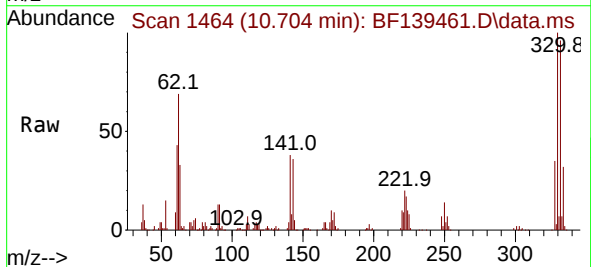
Instrument :
BNA_F
ClientSampleId :
PB163516BS

Tgt Ion:237 Resp: 250778
Ion Ratio Lower Upper
237 100
235 62.2 42.7 82.7
272 11.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 115.600 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:330 Resp: 200398
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 37.0 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 44.670 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

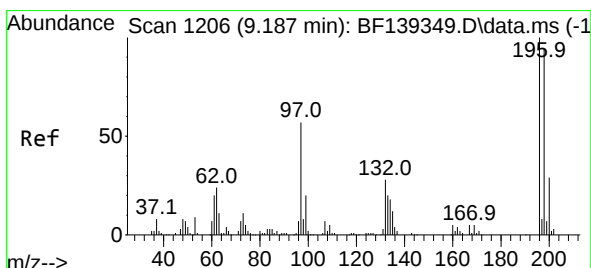
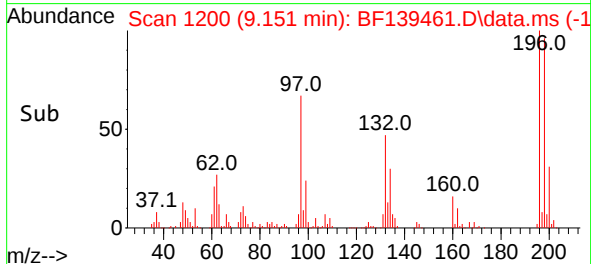
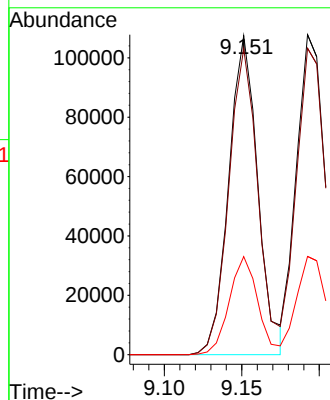
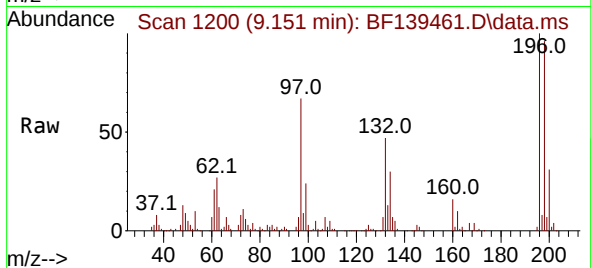
Tgt Ion:196 Resp: 140250

Ion Ratio Lower Upper

196 100

198 95.9 75.8 113.6

200 30.7 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 41.951 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Tgt Ion:196 Resp: 138933

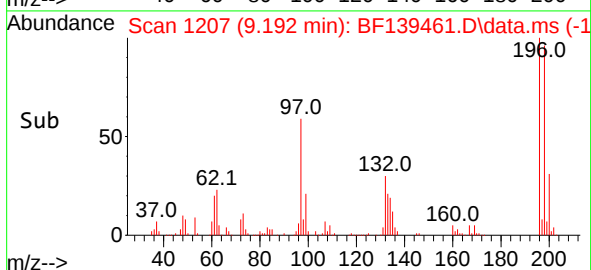
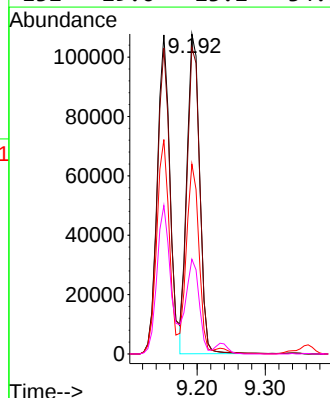
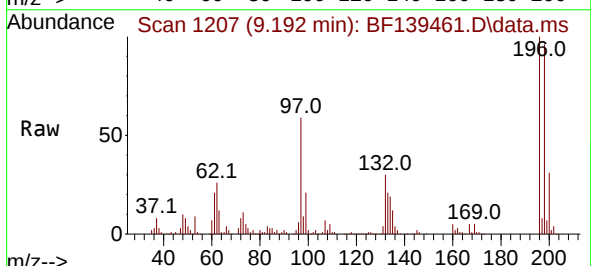
Ion Ratio Lower Upper

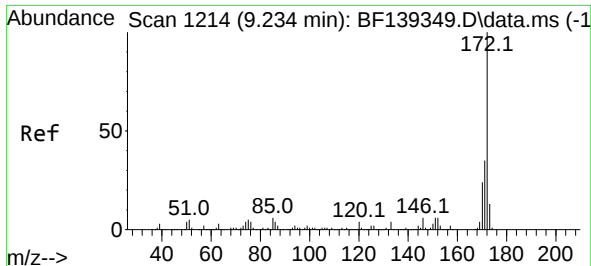
196 100

198 95.8 74.8 112.2

97 59.4 47.3 70.9

132 29.6 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 80.859 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

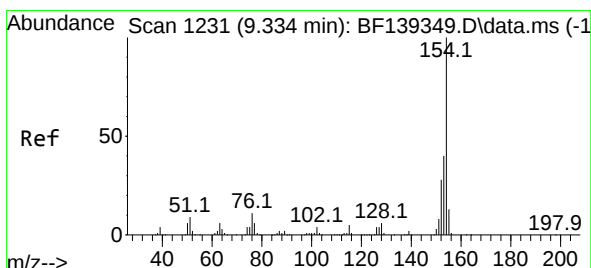
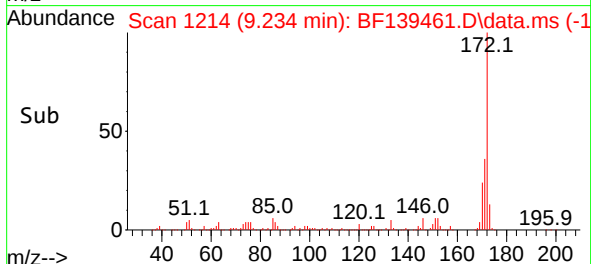
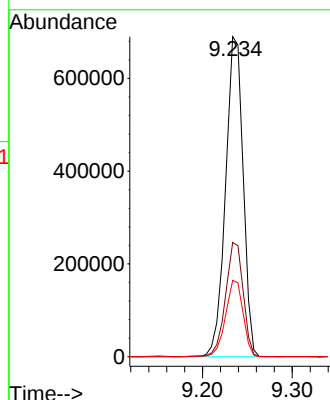
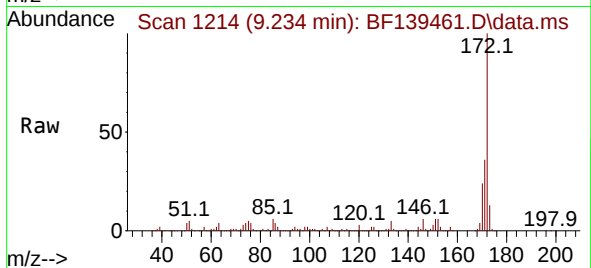
Tgt Ion:172 Resp: 938766

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 42.334 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

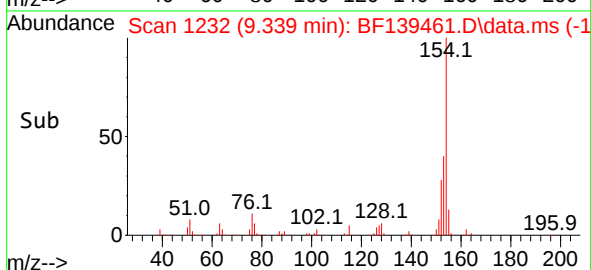
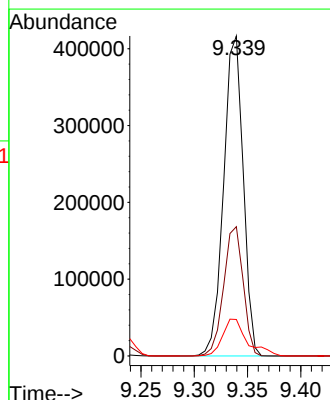
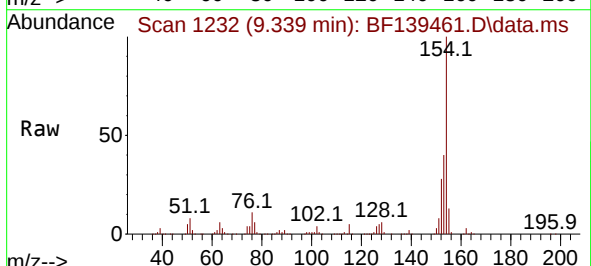
Tgt Ion:154 Resp: 530326

Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 11.4 0.0 31.1





#47

2-Chloronaphthalene

Concen: 41.728 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139461.D

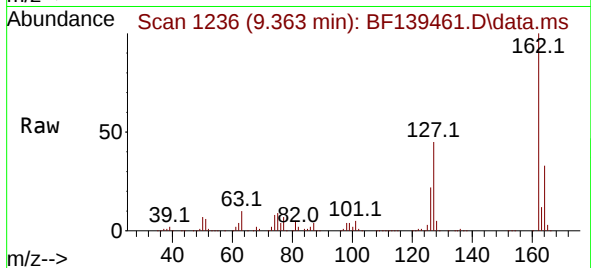
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



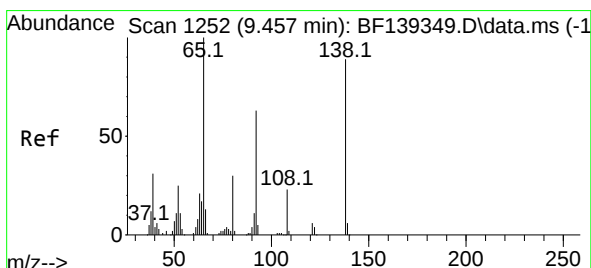
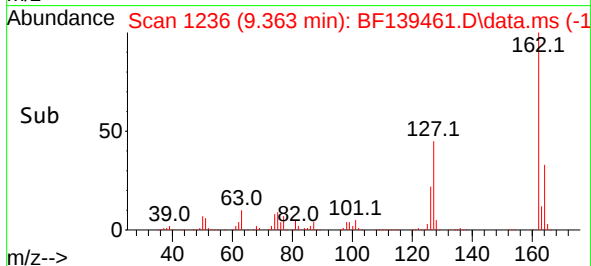
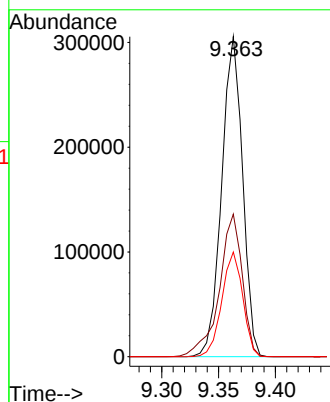
Tgt Ion:162 Resp: 390840

Ion Ratio Lower Upper

162 100

127 44.6 35.0 52.4

164 32.7 25.8 38.6



#48

2-Nitroaniline

Concen: 43.235 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

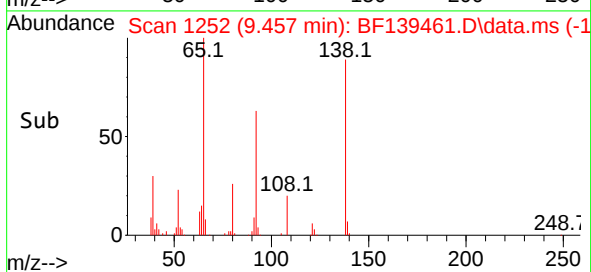
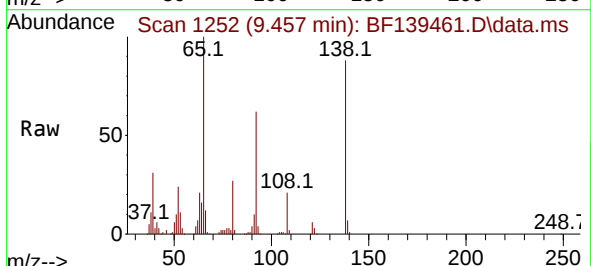
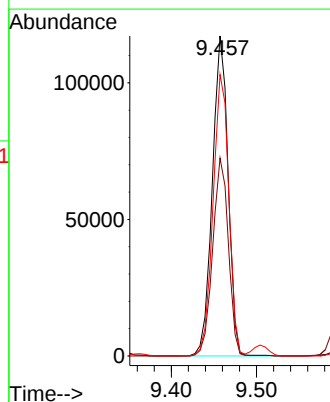
Tgt Ion: 65 Resp: 150622

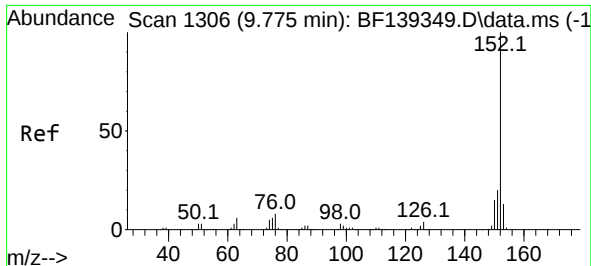
Ion Ratio Lower Upper

65 100

92 61.8 50.3 75.5

138 88.0 71.3 106.9





#49

Acenaphthylene

Concen: 46.338 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

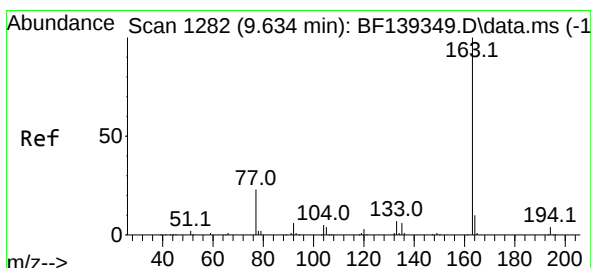
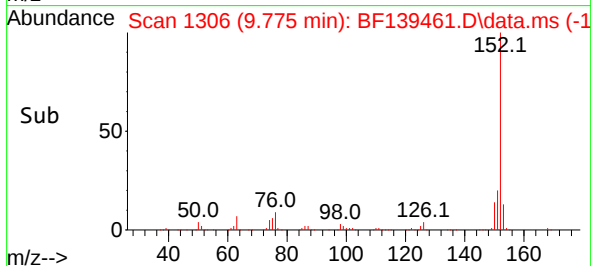
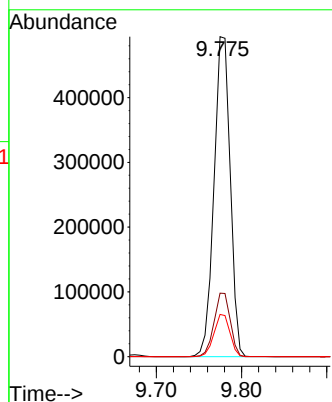
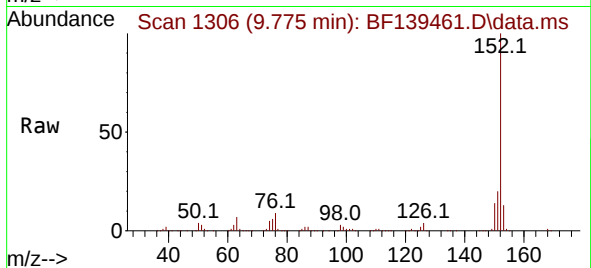
Tgt Ion:152 Resp: 653338

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 43.706 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

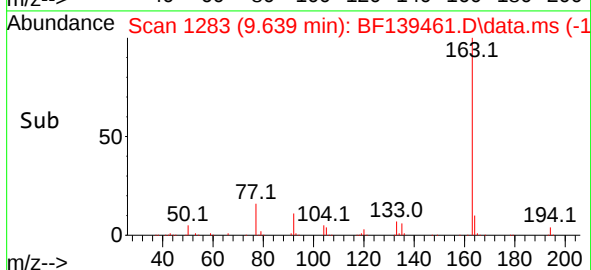
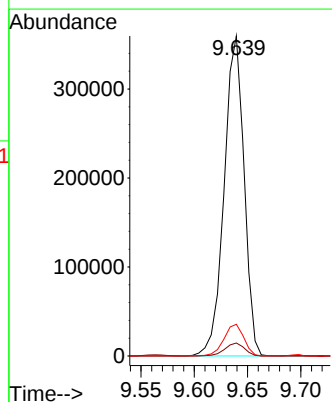
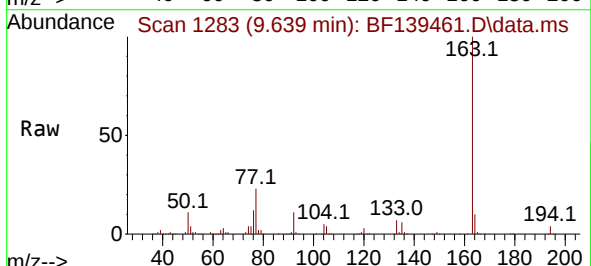
Tgt Ion:163 Resp: 467101

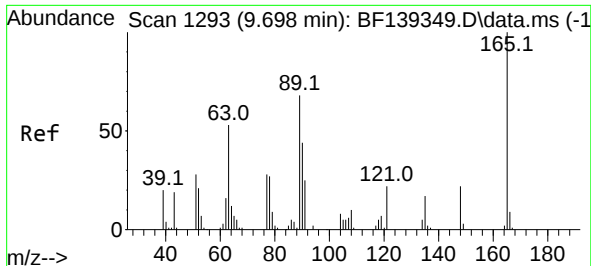
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 43.575 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

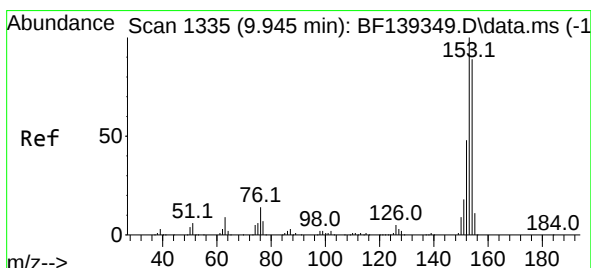
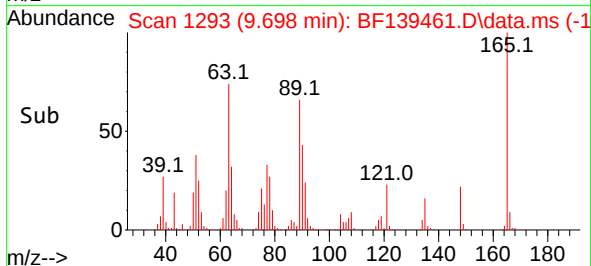
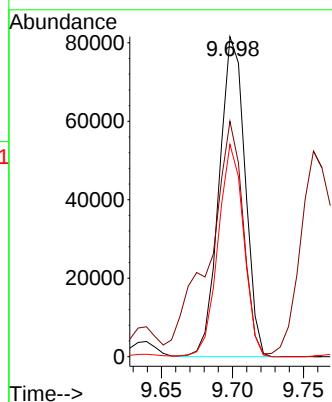
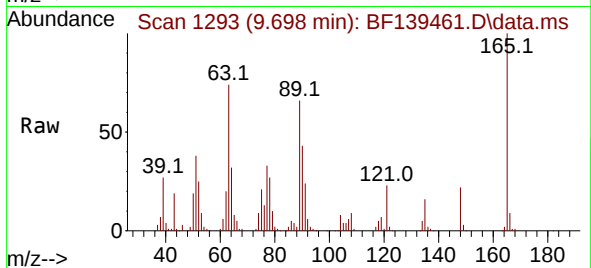
Tgt Ion:165 Resp: 103168

Ion Ratio Lower Upper

165 100

63 73.6 60.9 91.3

89 66.4 54.7 82.1



#52

Acenaphthene

Concen: 47.676 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

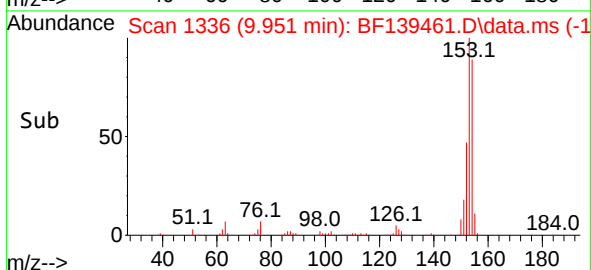
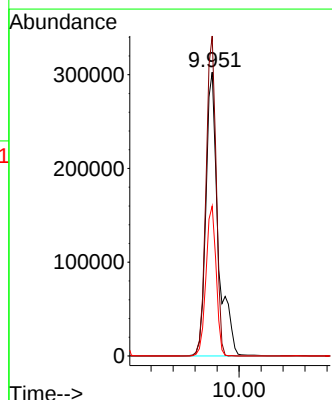
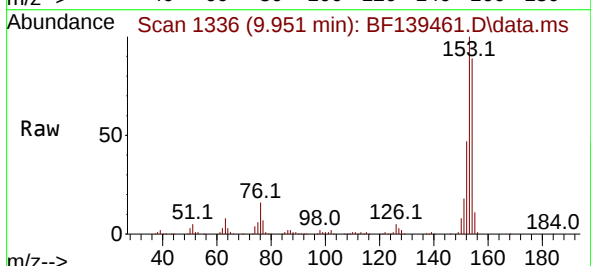
Tgt Ion:154 Resp: 469144

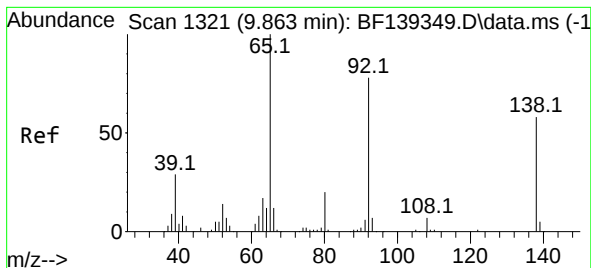
Ion Ratio Lower Upper

154 100

153 112.7 89.5 134.3

152 52.8 42.6 64.0





#53

3-Nitroaniline

Concen: 27.992 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

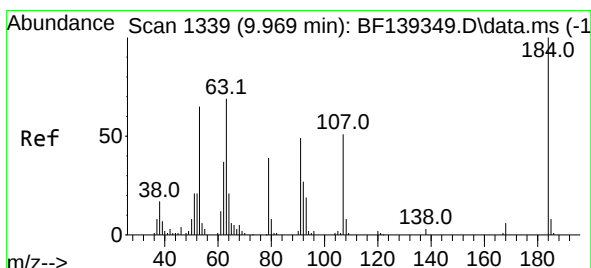
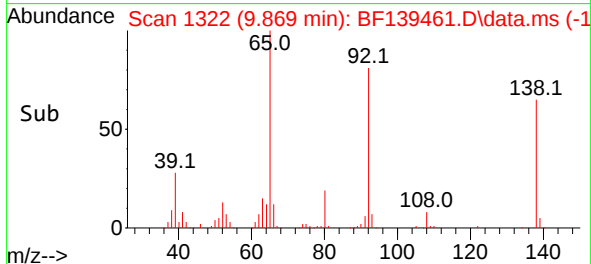
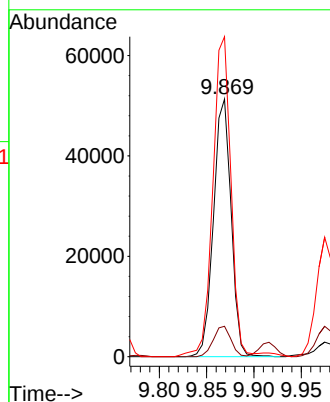
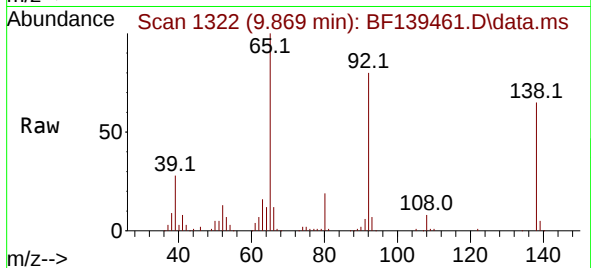
Tgt Ion:138 Resp: 66233

Ion Ratio Lower Upper

138 100

108 11.8 9.8 14.8

92 124.2 107.4 161.2



#54

2,4-Dinitrophenol

Concen: 88.031 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

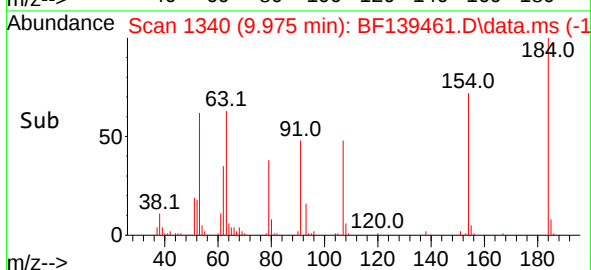
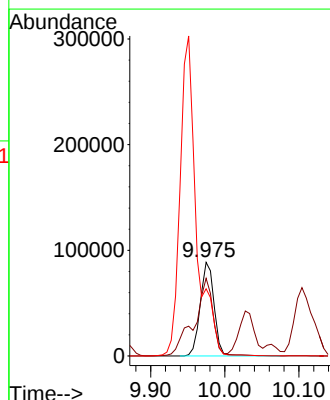
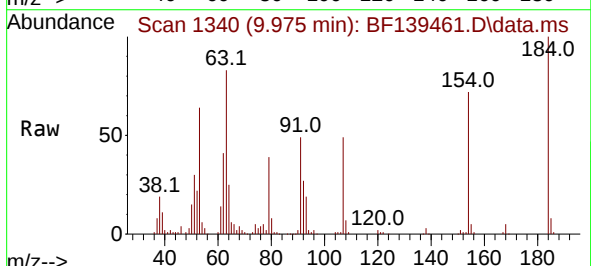
Tgt Ion:184 Resp: 116136

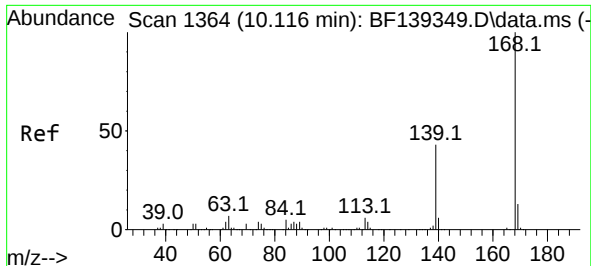
Ion Ratio Lower Upper

184 100

63 82.8 69.3 103.9

154 71.7 67.5 101.3

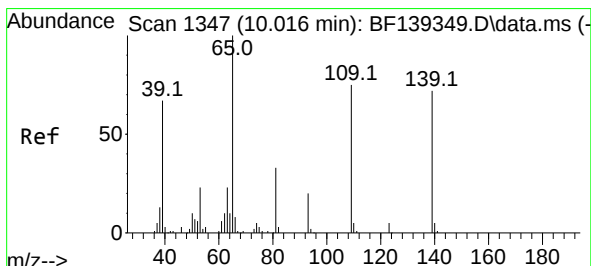
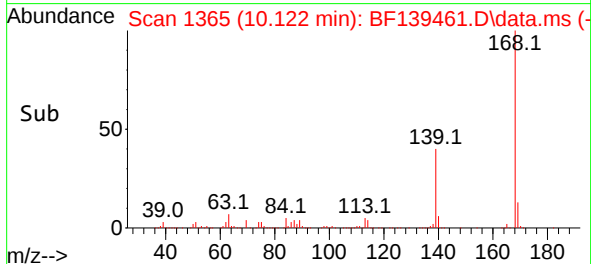
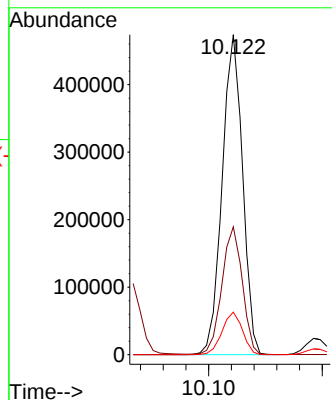
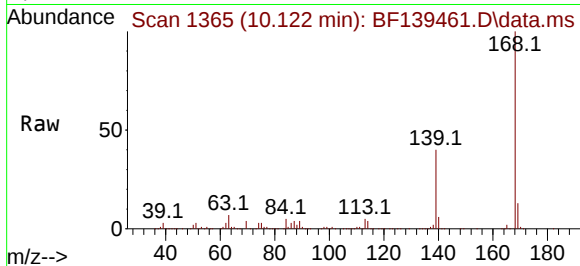




#55
Dibenzenofuran
Concen: 43.155 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

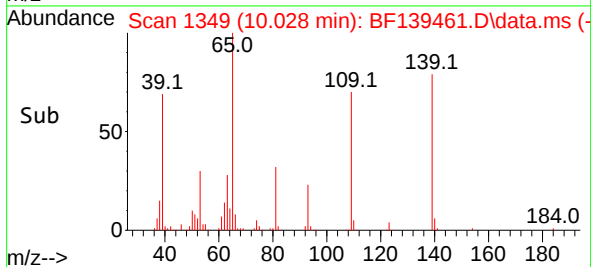
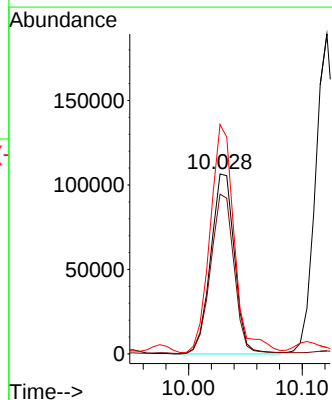
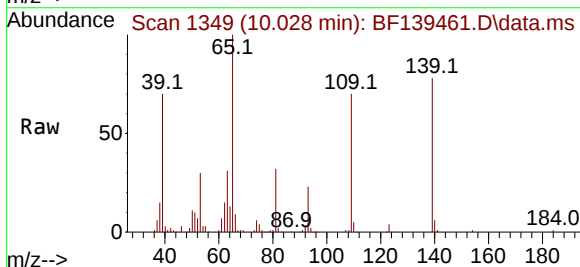
Instrument :
BNA_F
ClientSampleId :
PB163516BS

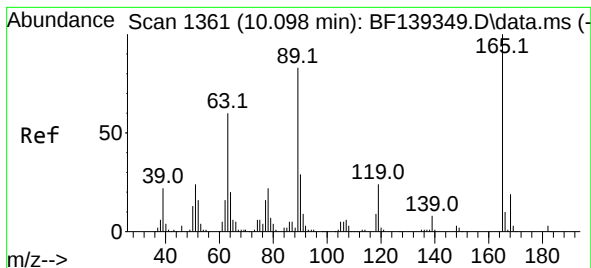
Tgt Ion:168 Resp: 591901
Ion Ratio Lower Upper
168 100
139 40.0 34.1 51.1
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 79.402 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:139 Resp: 155458
Ion Ratio Lower Upper
139 100
109 88.8 84.1 124.1
65 127.5 120.0 160.0

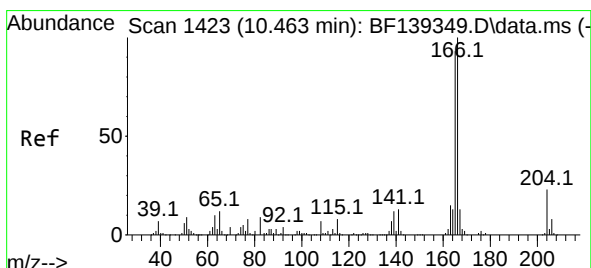
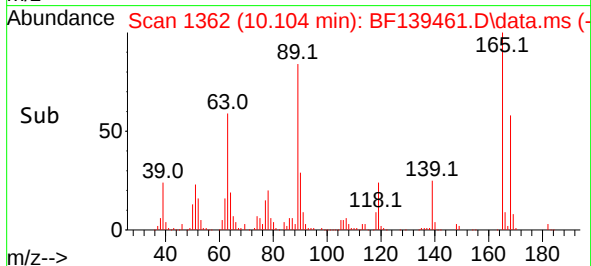
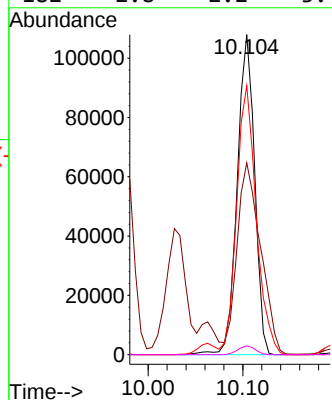
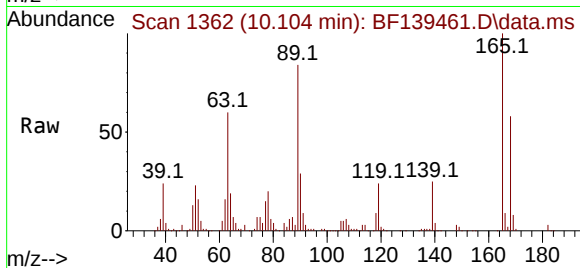




#57
2,4-Dinitrotoluene
Concen: 42.991 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

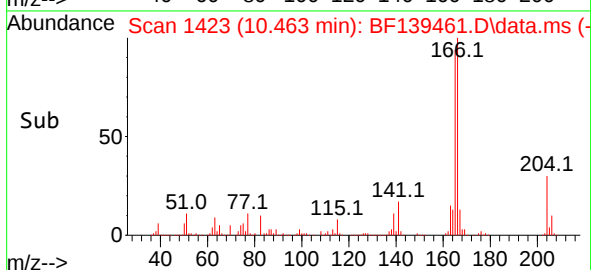
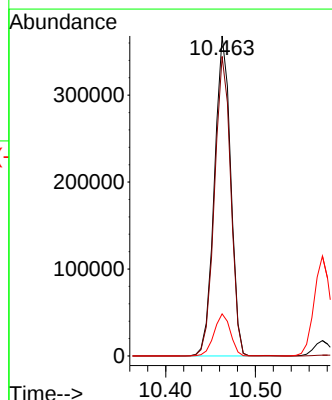
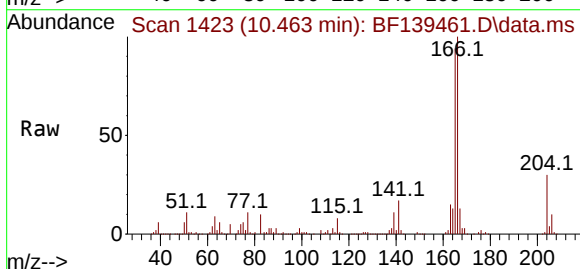
Instrument :
BNA_F
ClientSampleId :
PB163516BS

Tgt Ion:165 Resp: 137416
Ion Ratio Lower Upper
165 100
63 59.9 47.8 71.6
89 84.1 66.7 100.1
182 2.8 2.2 3.4



#58
Fluorene
Concen: 41.428 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:166 Resp: 463611
Ion Ratio Lower Upper
166 100
165 93.6 74.5 111.7
167 13.2 10.6 16.0

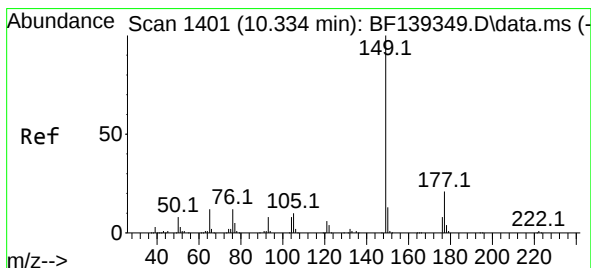
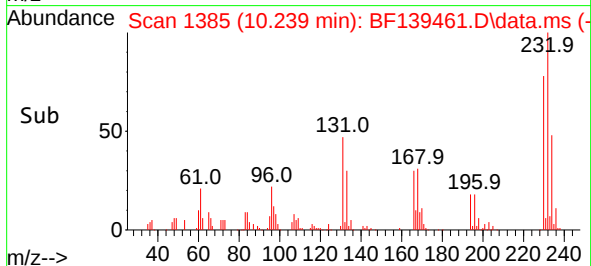
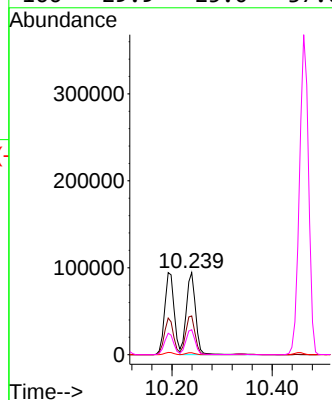
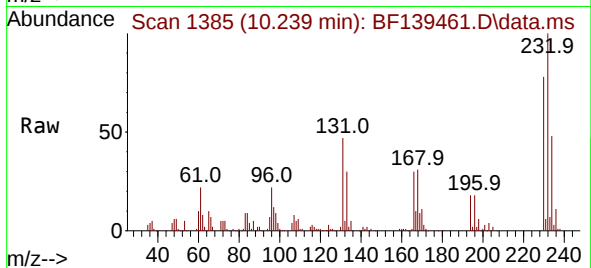




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.493 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

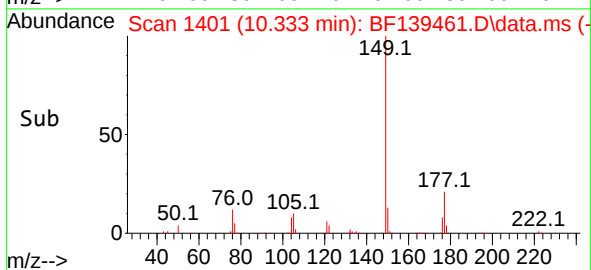
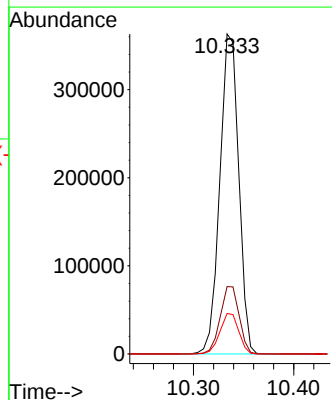
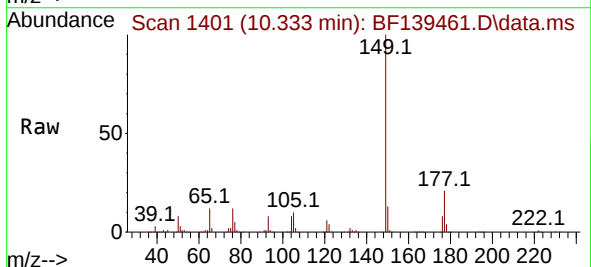
Instrument :
BNA_F
ClientSampleId :
PB163516BS

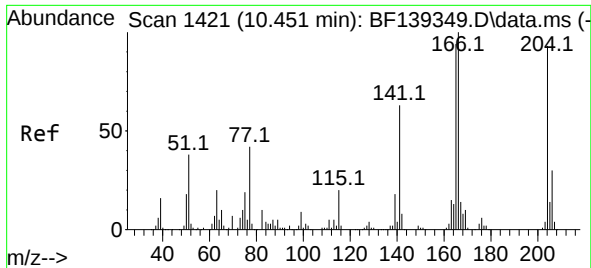
Tgt Ion:232 Resp: 121893
Ion Ratio Lower Upper
232 100
131 47.9 40.7 61.1
130 2.3 2.2 3.2
166 29.9 25.0 37.6



#60
Diethylphthalate
Concen: 43.075 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:149 Resp: 475070
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 12.7 10.6 15.8

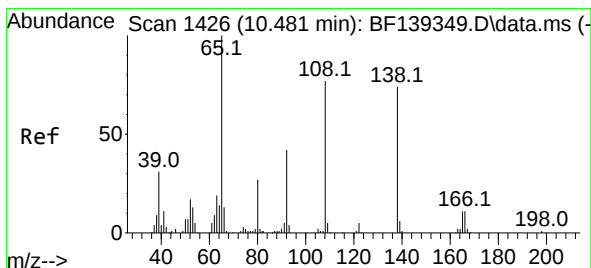
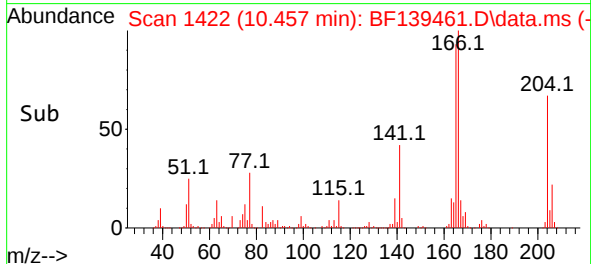
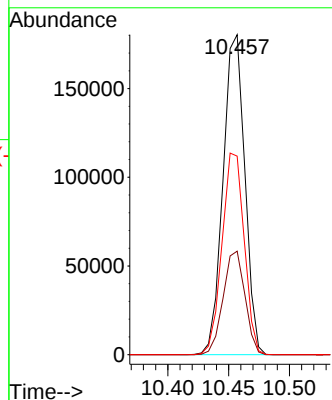
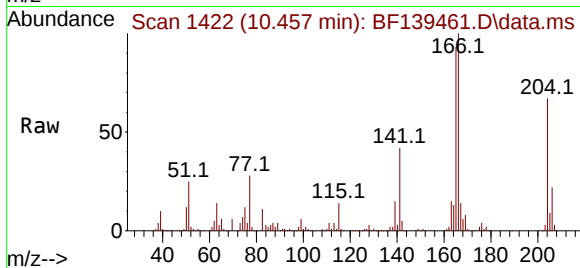




#61
4-Chlorophenyl-phenylether
Concen: 41.410 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

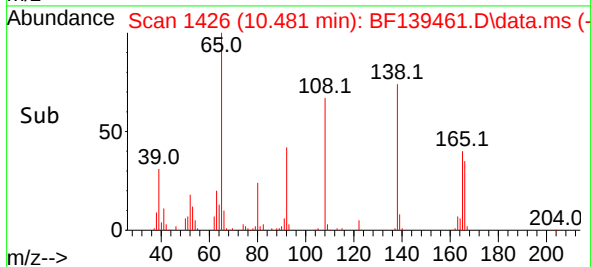
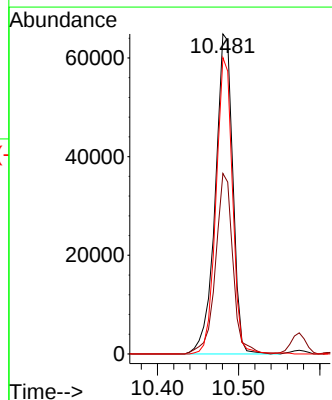
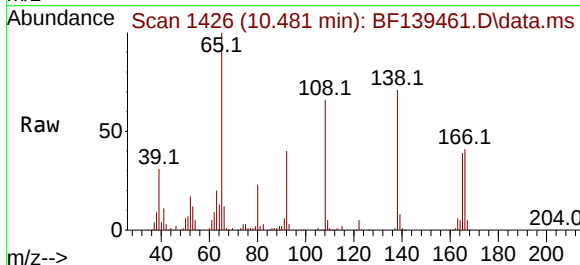
Instrument :
BNA_F
ClientSampleId :
PB163516BS

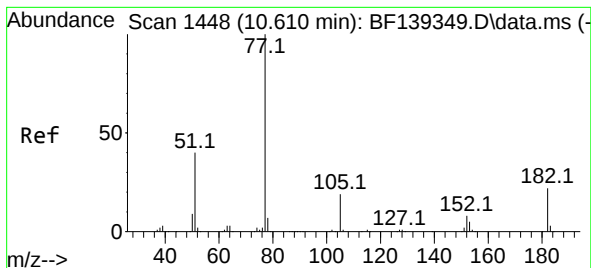
Tgt Ion:204 Resp: 225213
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 62.1 53.9 80.9



#62
4-Nitroaniline
Concen: 37.688 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:138 Resp: 97325
Ion Ratio Lower Upper
138 100
92 56.4 37.0 77.0
108 92.6 84.4 124.4





#63

Azobenzene

Concen: 44.337 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

Tgt Ion: 77 Resp: 480944

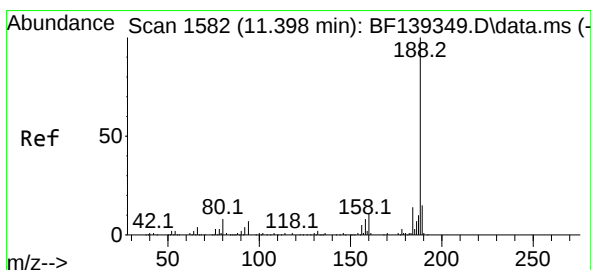
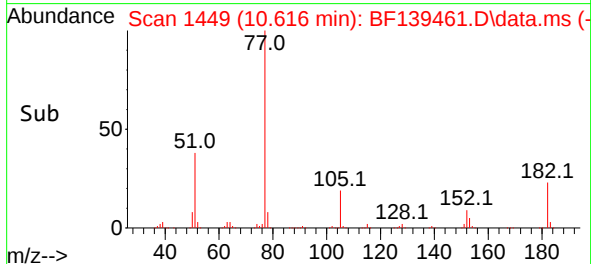
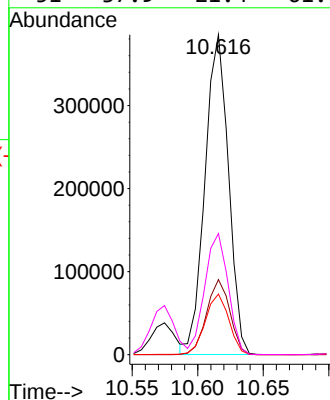
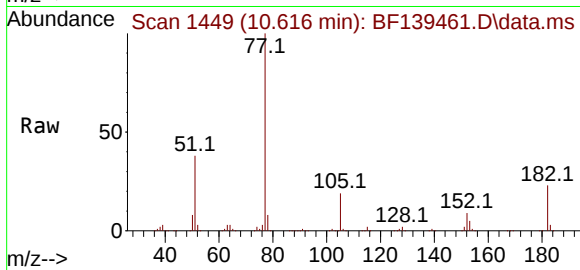
Ion Ratio Lower Upper

77 100

182 23.5 1.8 41.8

105 19.0 0.0 38.6

51 37.9 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

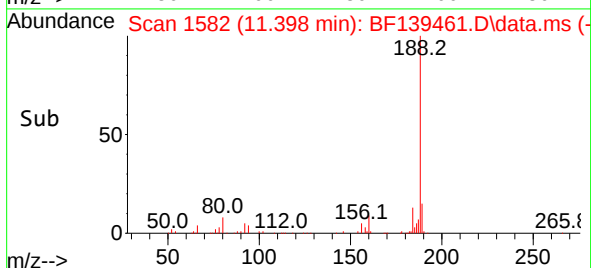
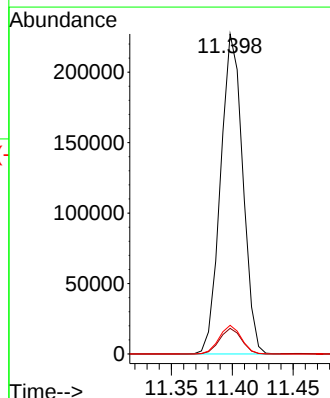
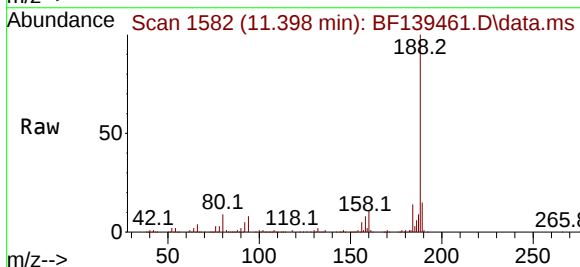
Tgt Ion:188 Resp: 289025

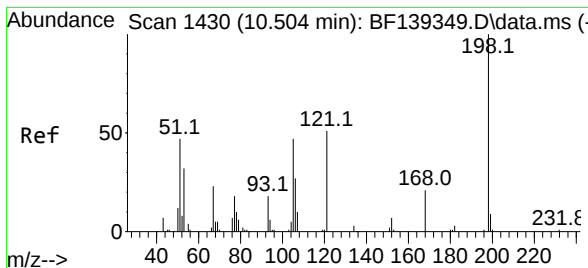
Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 8.9 6.6 9.8

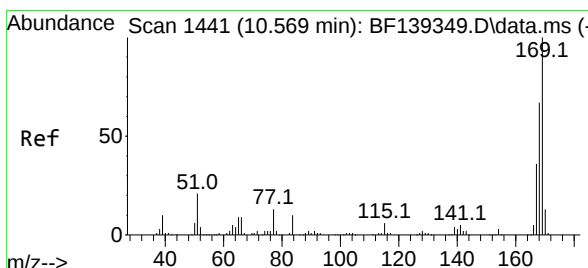
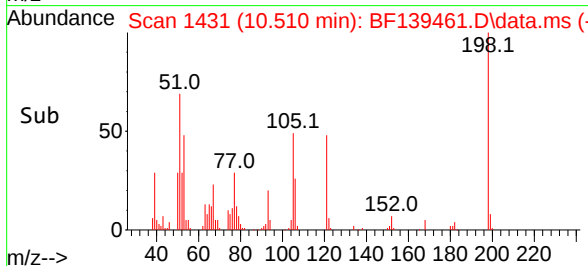
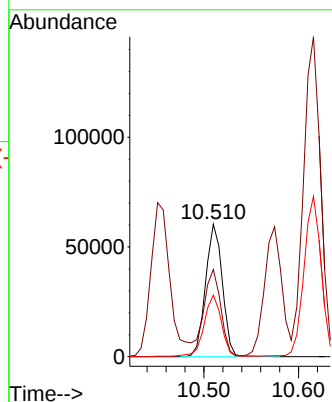
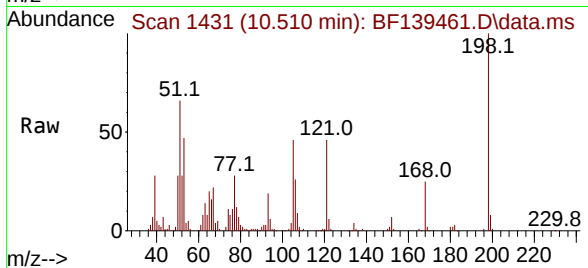




#65
4,6-Dinitro-2-methylphenol
Concen: 48.661 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

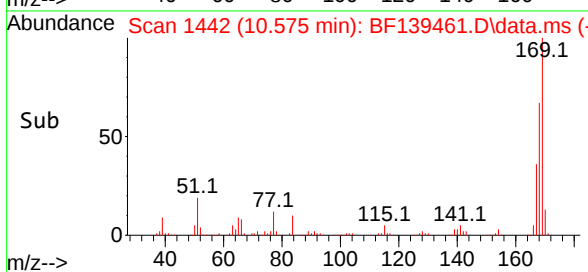
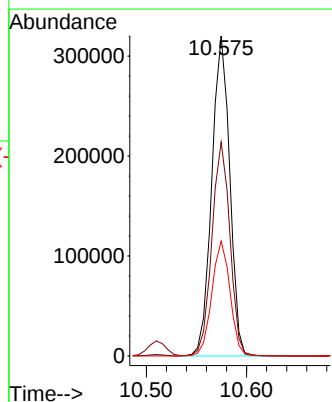
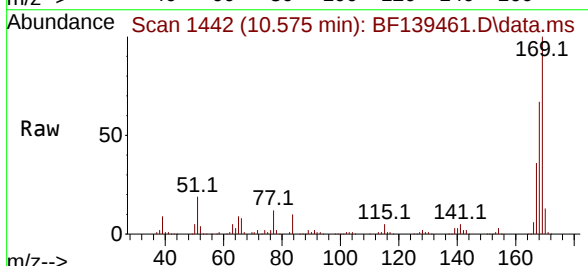
Instrument :
BNA_F
ClientSampleId :
PB163516BS

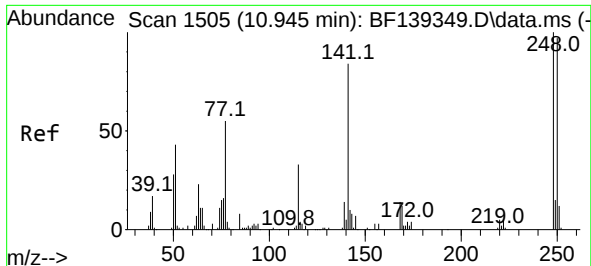
Tgt Ion:198 Resp: 74229
Ion Ratio Lower Upper
198 100
51 65.8 50.4 90.4
105 46.5 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 47.177 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:169 Resp: 398654
Ion Ratio Lower Upper
169 100
168 66.8 53.6 80.4
167 35.9 28.7 43.1

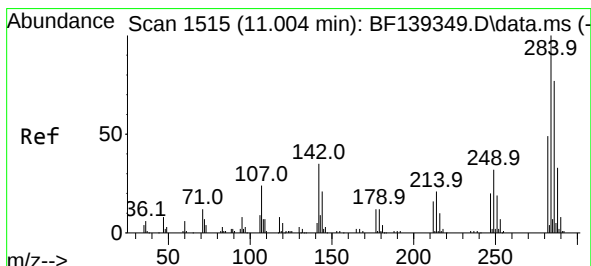
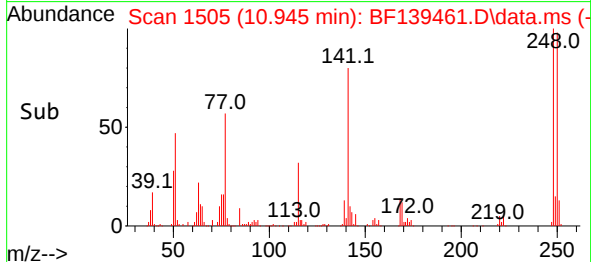
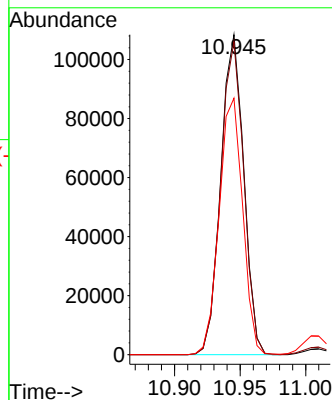
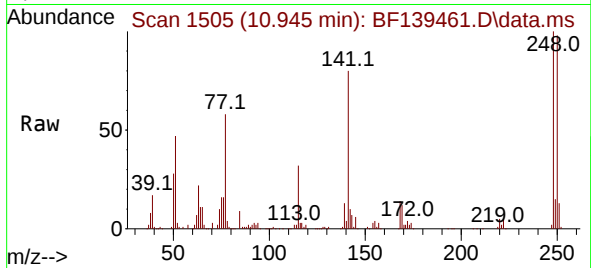




#67
4-Bromophenyl-phenylether
Concen: 46.160 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

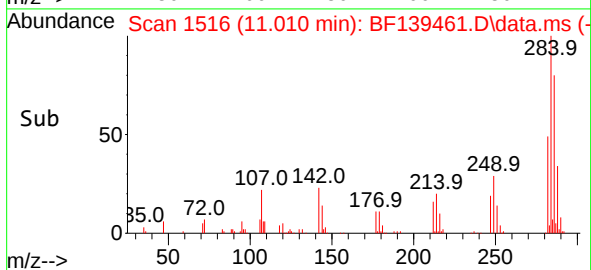
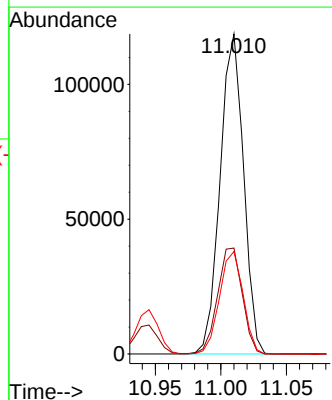
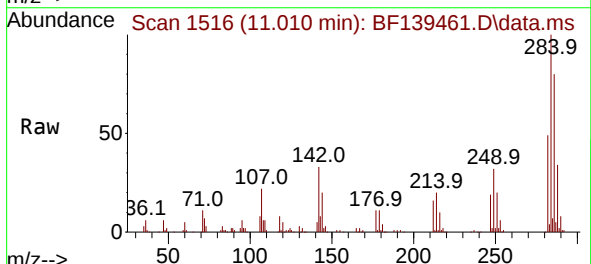
Instrument :
BNA_F
ClientSampleId :
PB163516BS

Tgt Ion:248 Resp: 132209
Ion Ratio Lower Upper
248 100
250 97.8 77.6 116.4
141 80.1 66.9 100.3



#68
Hexachlorobenzene
Concen: 43.843 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:284 Resp: 147375
Ion Ratio Lower Upper
284 100
142 33.1 28.0 42.0
249 32.0 25.3 37.9





#69

Atrazine

Concen: 63.677 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

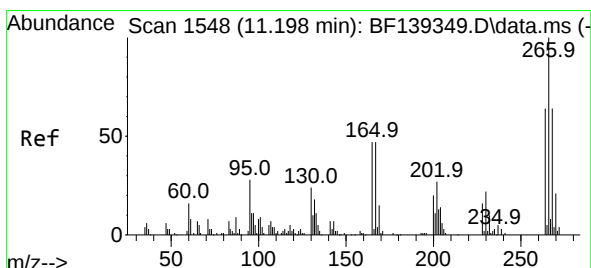
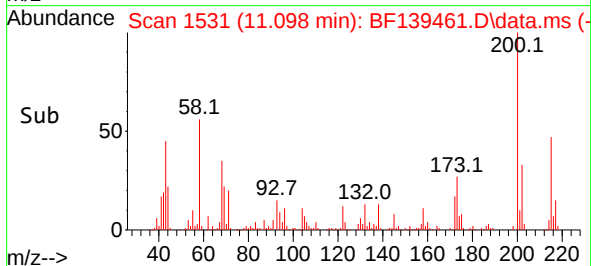
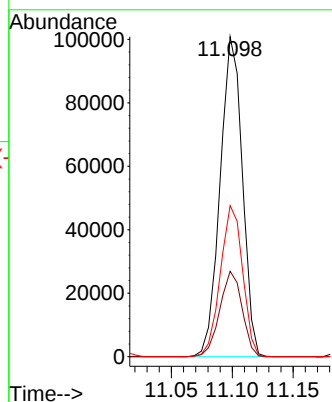
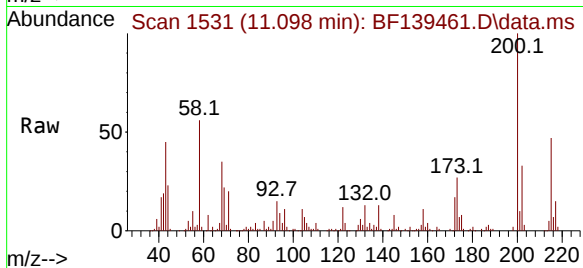
Tgt Ion:200 Resp: 128099

Ion Ratio Lower Upper

200 100

173 26.7 6.1 46.1

215 47.2 28.2 68.2



#70

Pentachlorophenol

Concen: 82.473 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

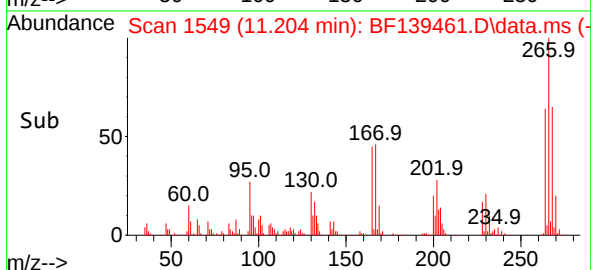
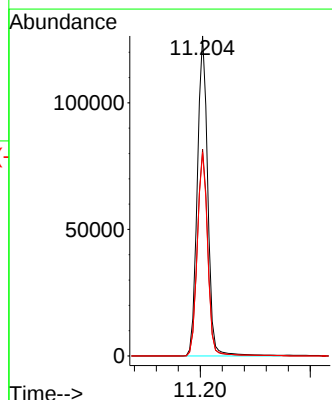
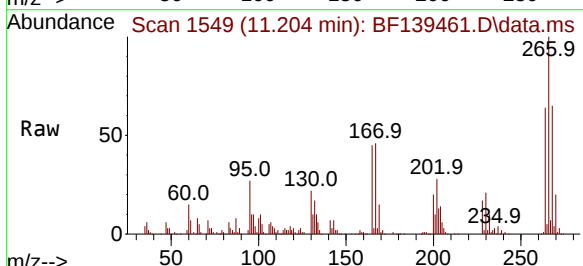
Tgt Ion:266 Resp: 166350

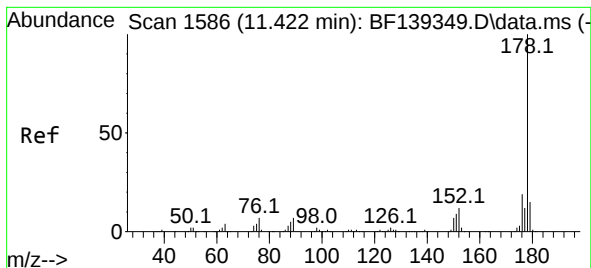
Ion Ratio Lower Upper

266 100

268 64.6 51.1 76.7

264 63.6 51.4 77.0





#71

Phenanthrene

Concen: 45.407 ng

RT: 11.428 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

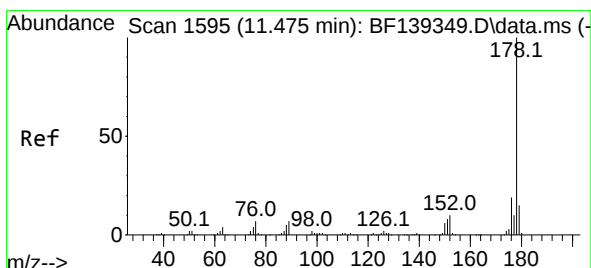
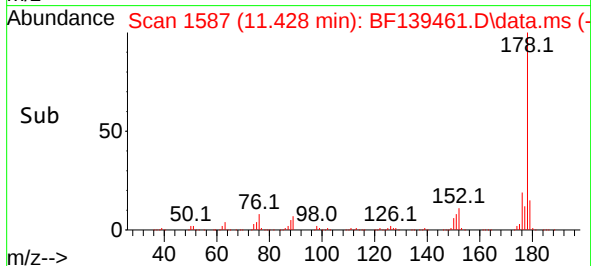
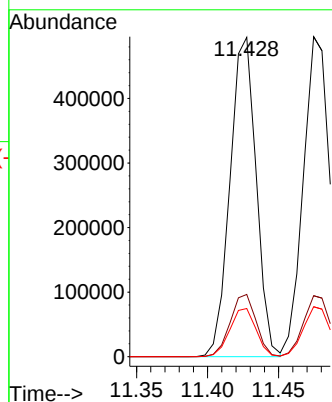
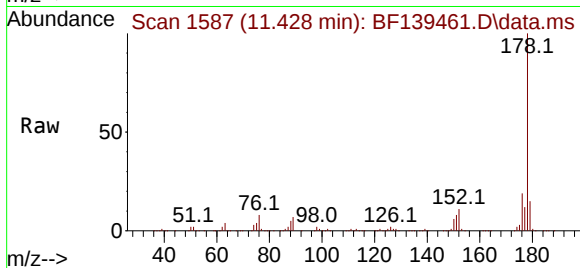
Tgt Ion:178 Resp: 633170

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

179 15.1 12.2 18.4



#72

Anthracene

Concen: 46.824 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

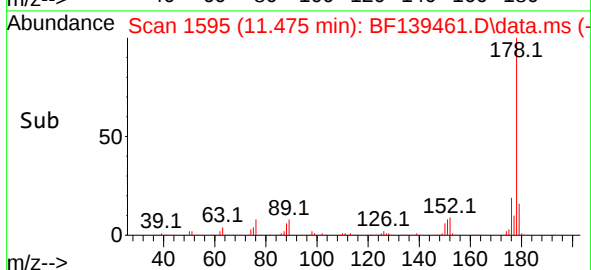
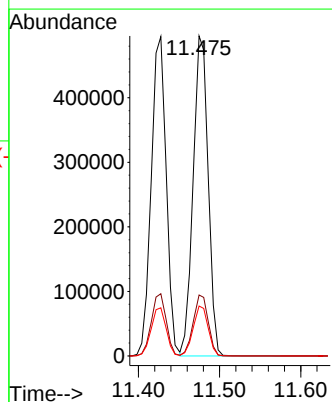
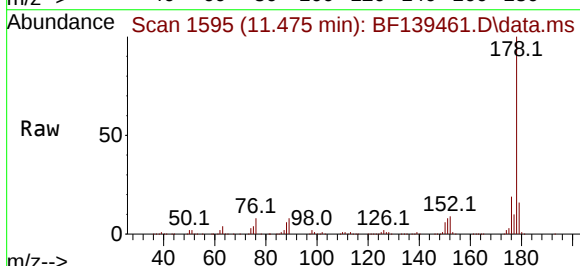
Tgt Ion:178 Resp: 638377

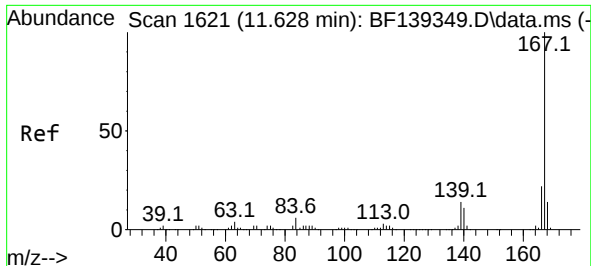
Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

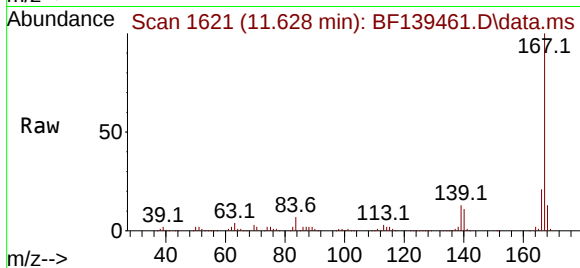
179 15.6 12.0 18.0



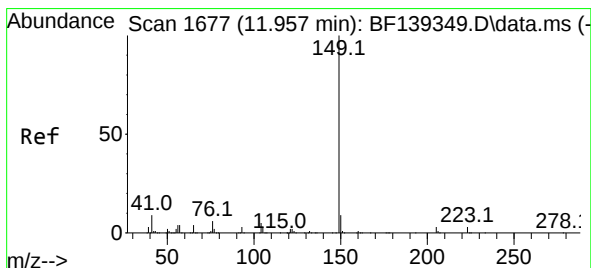
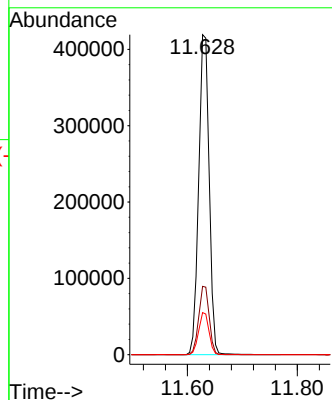
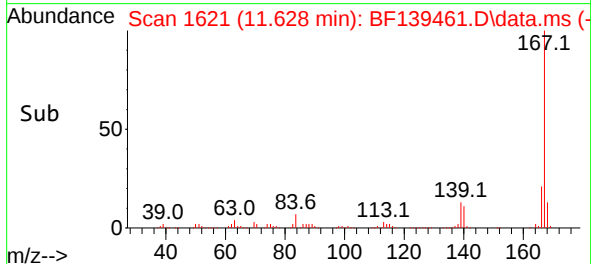


#73
 Carbazole
 Concen: 42.692 ng
 RT: 11.628 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139461.D
 Acq: 19 Sep 2024 13:27

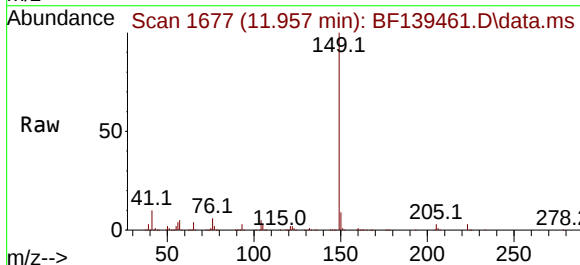
Instrument :
 BNA_F
 ClientSampleId :
 PB163516BS



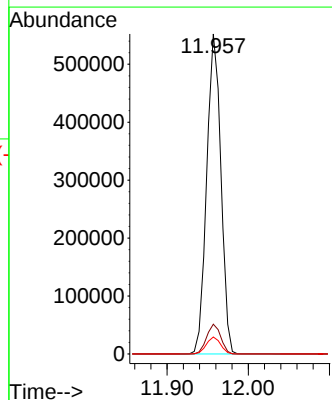
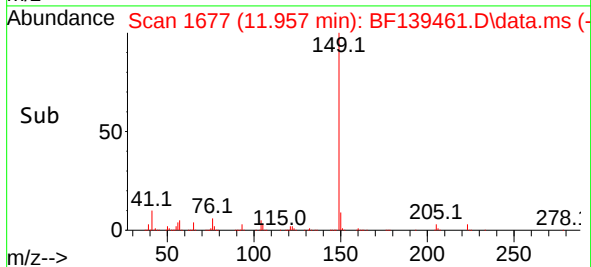
Tgt Ion:167 Resp: 557076
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.2 10.9 16.3

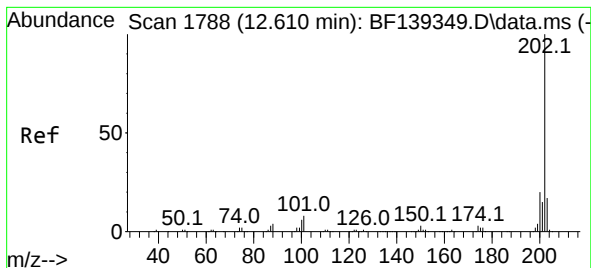


#74
 Di-n-butylphthalate
 Concen: 46.024 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139461.D
 Acq: 19 Sep 2024 13:27



Tgt Ion:149 Resp: 669000
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 42.138 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

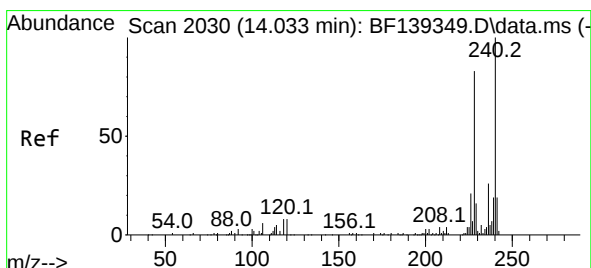
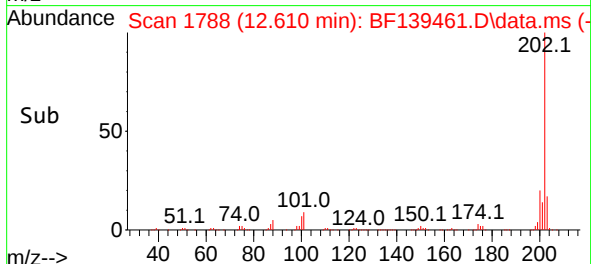
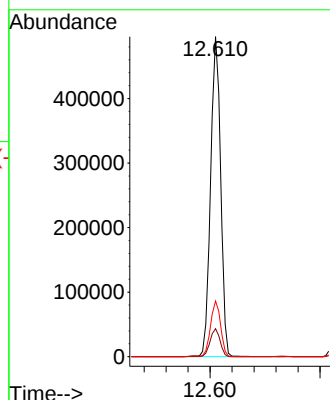
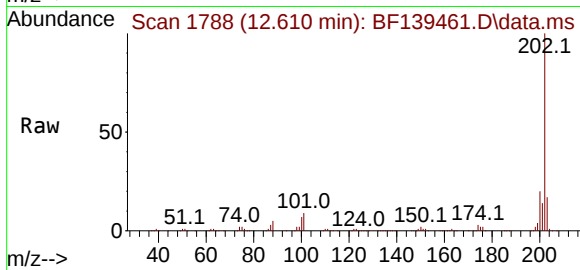
Tgt Ion:202 Resp: 627482

Ion Ratio Lower Upper

202 100

101 8.7 0.0 27.7

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

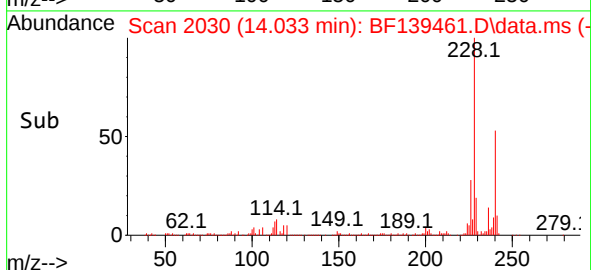
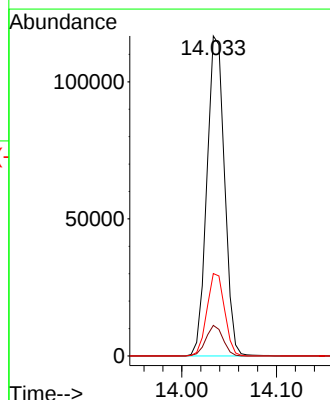
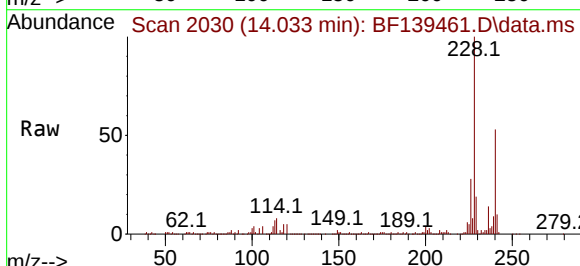
Tgt Ion:240 Resp: 150837

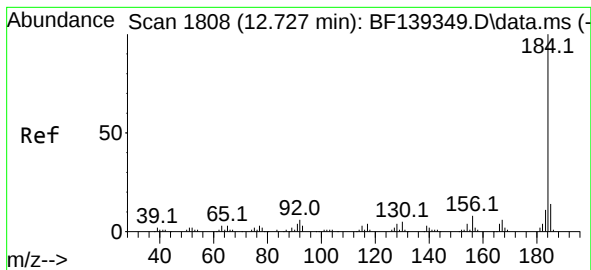
Ion Ratio Lower Upper

240 100

120 9.6 6.2 9.2#

236 25.7 20.9 31.3





#77

Benzidine

Concen: 65.572 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

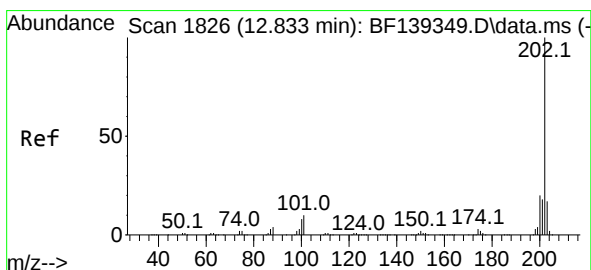
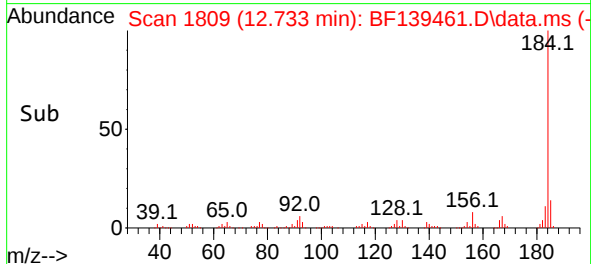
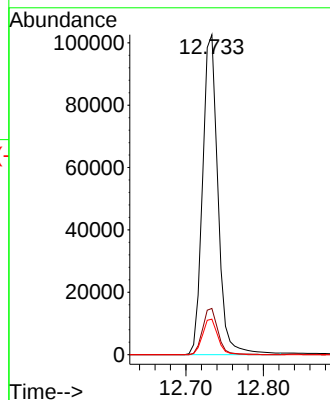
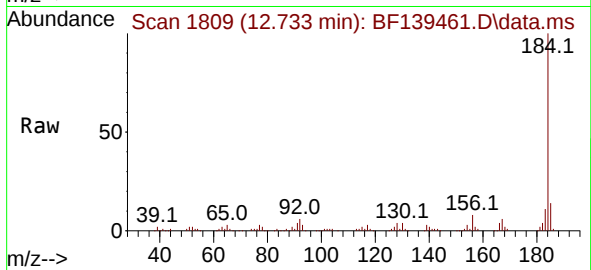
Tgt Ion:184 Resp: 141705

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.1 8.9 13.3



#78

Pyrene

Concen: 48.700 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

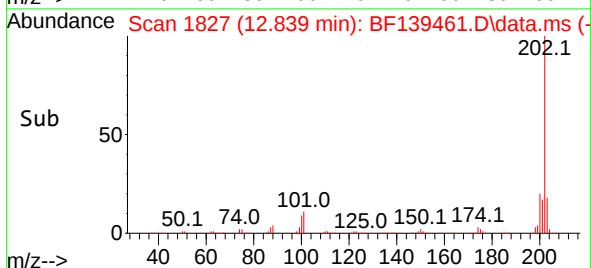
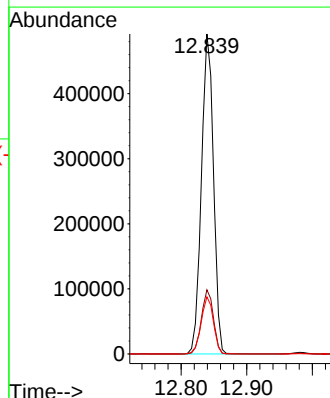
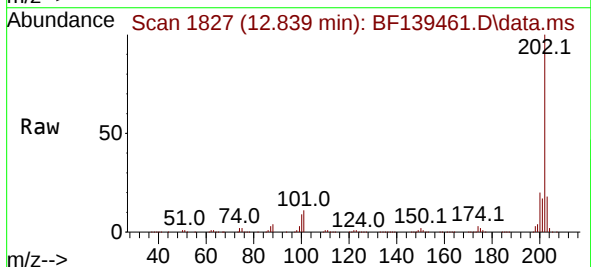
Tgt Ion:202 Resp: 630733

Ion Ratio Lower Upper

202 100

200 20.0 16.2 24.2

203 17.8 13.9 20.9





#79

Terphenyl-d14

Concen: 92.949 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139461.D

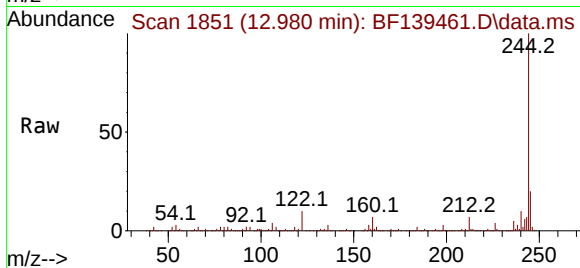
Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS



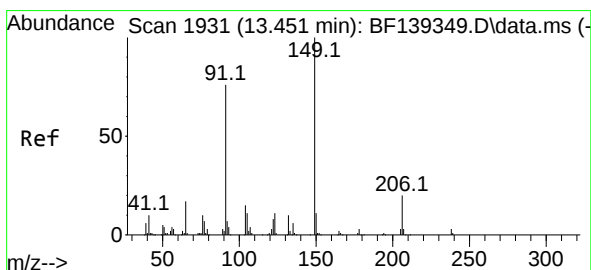
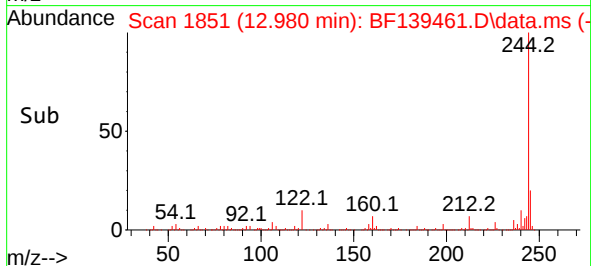
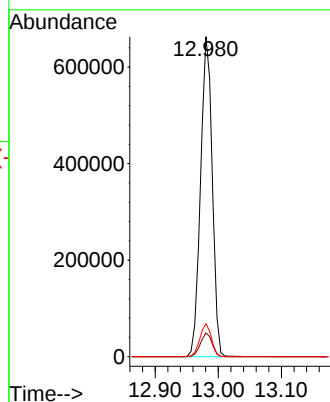
Tgt Ion:244 Resp: 854167

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.3 7.6 11.4



#80

Butylbenzylphthalate

Concen: 50.411 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

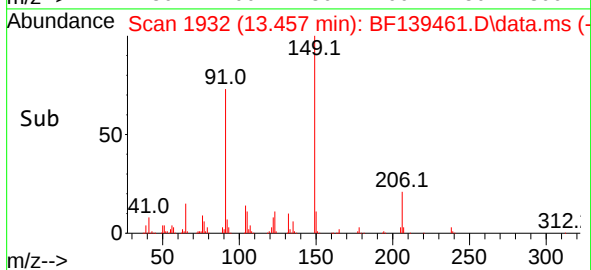
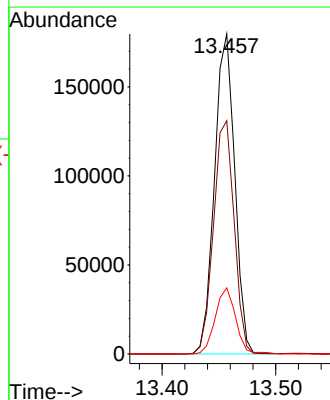
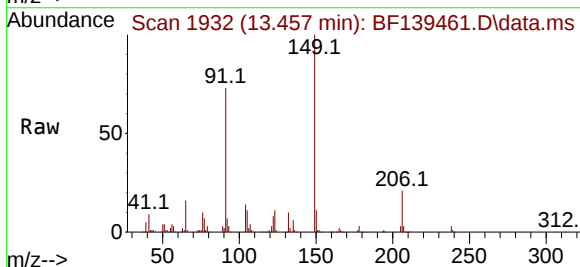
Tgt Ion:149 Resp: 222229

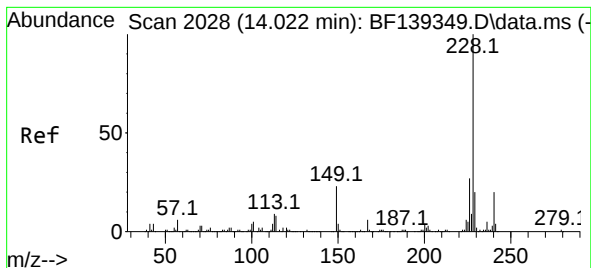
Ion Ratio Lower Upper

149 100

91 72.9 60.9 91.3

206 20.6 15.8 23.8





#81

Benzo(a)anthracene

Concen: 47.156 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

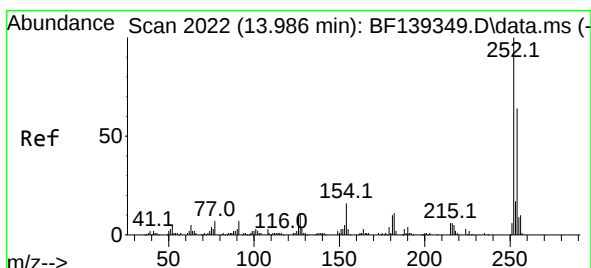
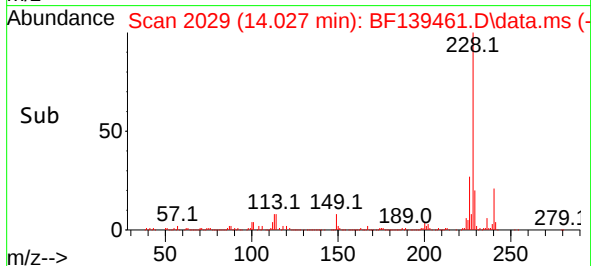
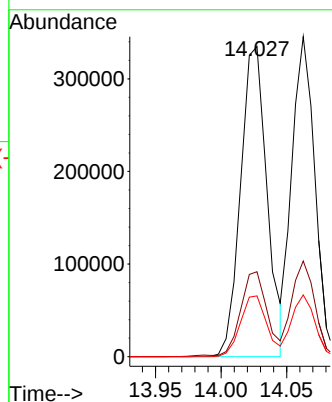
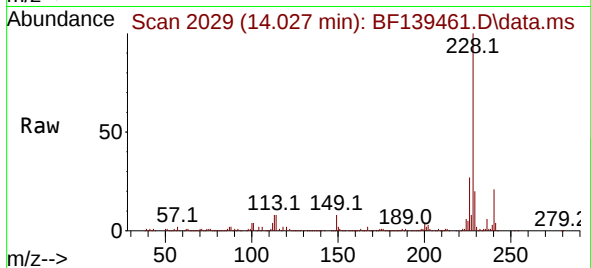
Tgt Ion:228 Resp: 471152

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 34.973 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

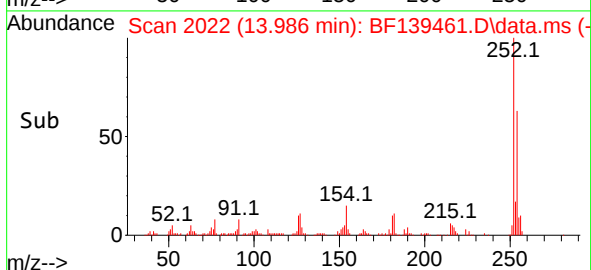
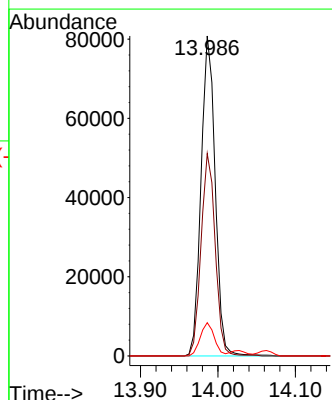
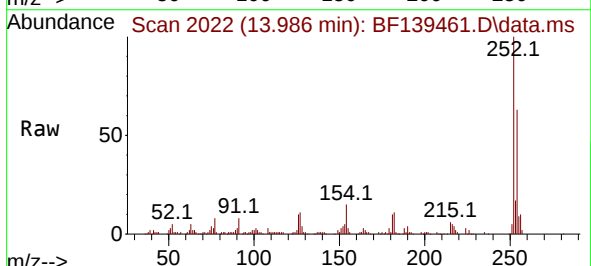
Tgt Ion:252 Resp: 102331

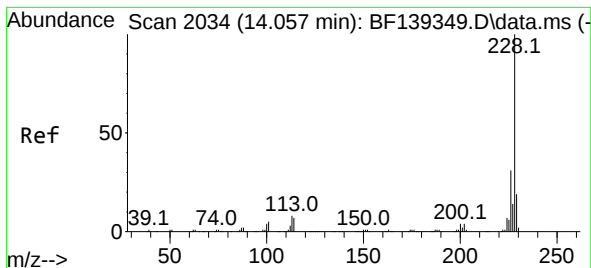
Ion Ratio Lower Upper

252 100

254 63.2 51.4 77.2

126 10.4 7.7 11.5





#83

Chrysene

Concen: 45.793 ng

RT: 14.063 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

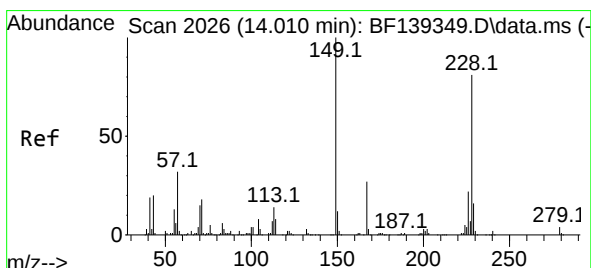
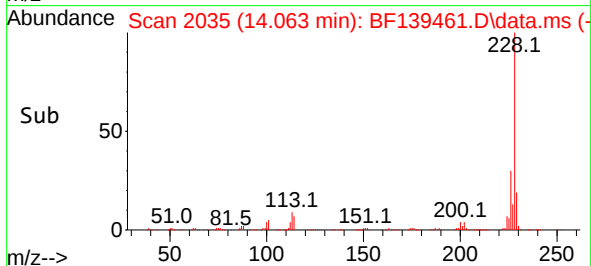
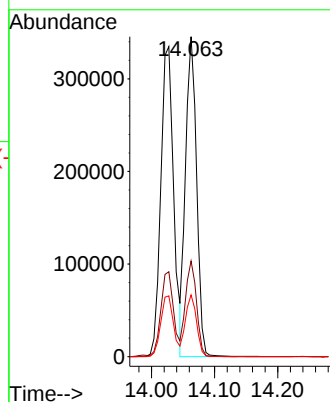
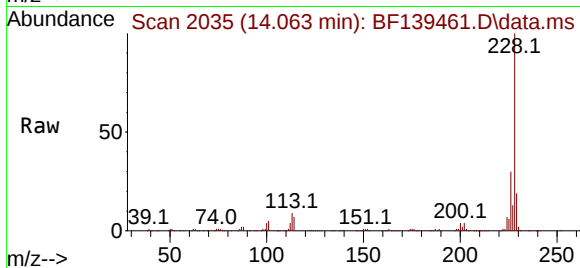
Tgt Ion:228 Resp: 420932

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.591 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

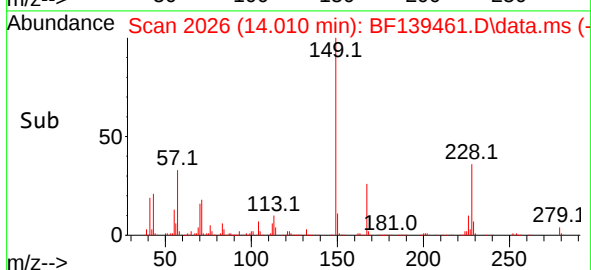
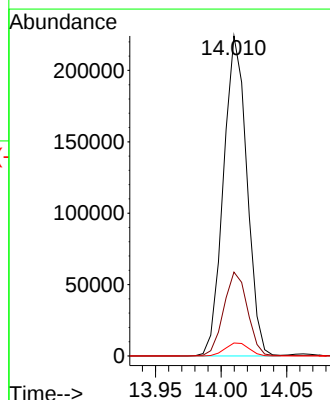
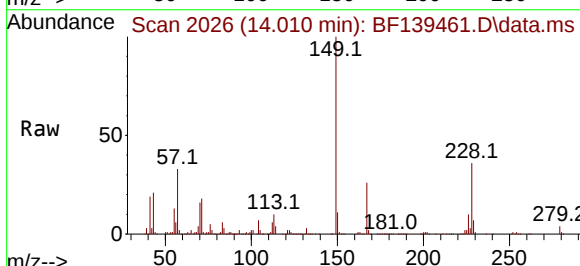
Tgt Ion:149 Resp: 278107

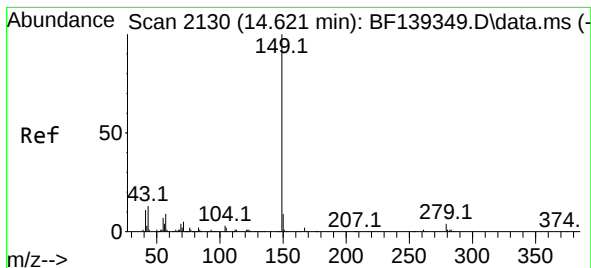
Ion Ratio Lower Upper

149 100

167 26.2 21.6 32.4

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.839 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

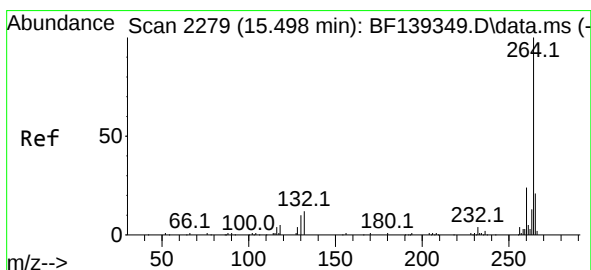
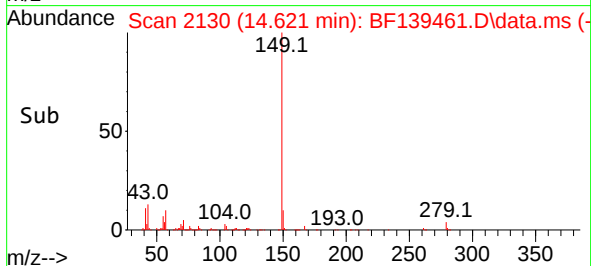
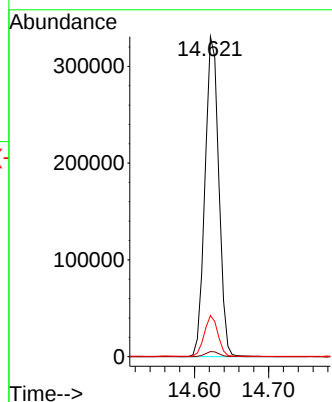
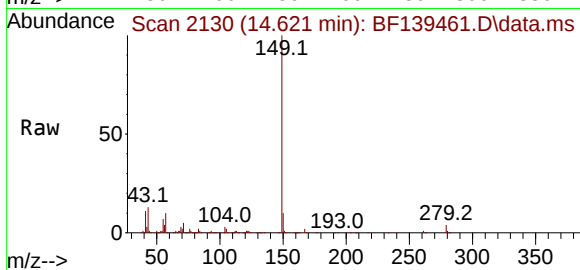
Tgt Ion:149 Resp: 428142

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.6 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

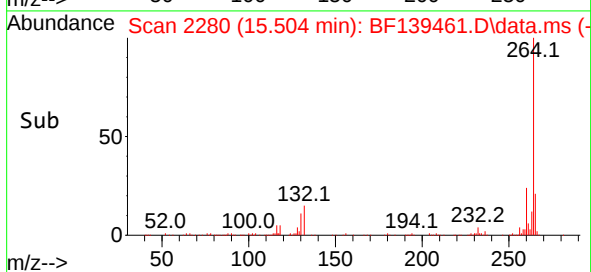
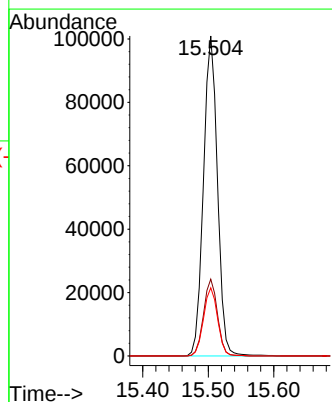
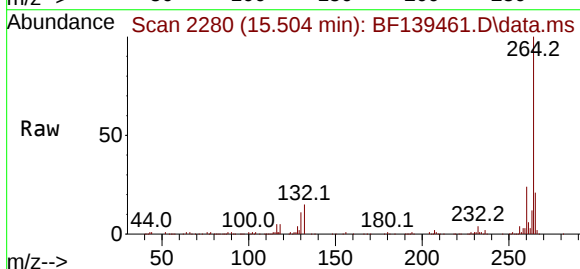
Tgt Ion:264 Resp: 150353

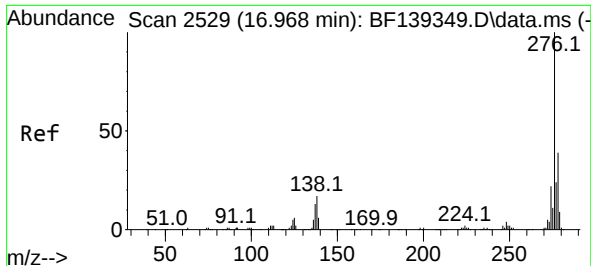
Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.3 16.6 25.0

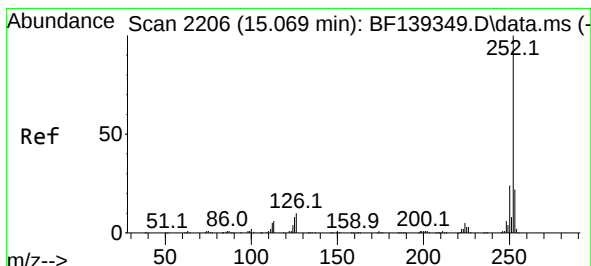
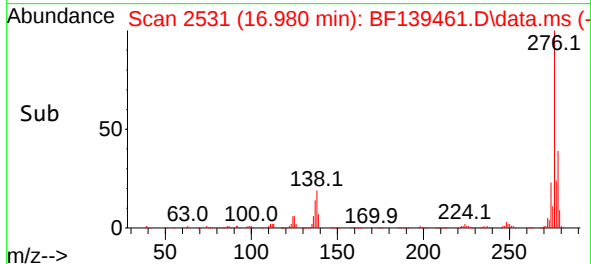
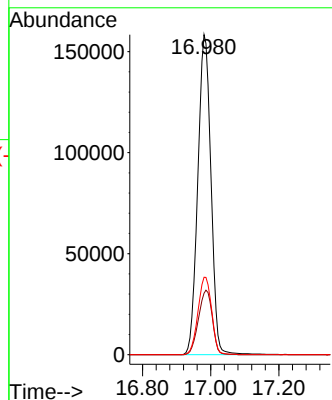
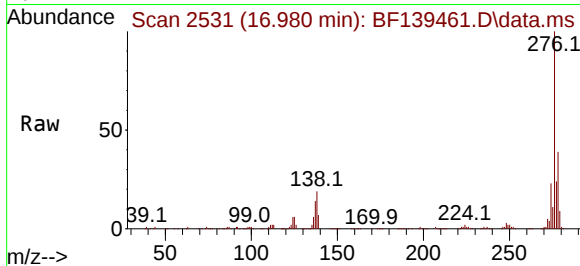




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.475 ng
 RT: 16.980 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139461.D
 Acq: 19 Sep 2024 13:27

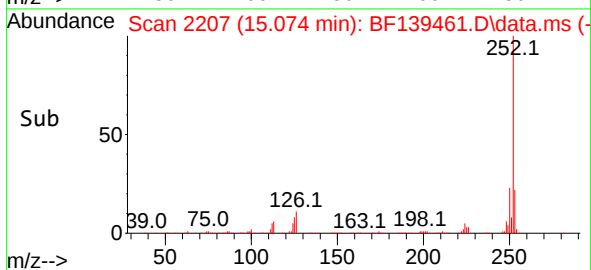
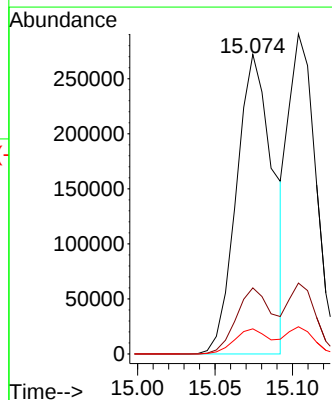
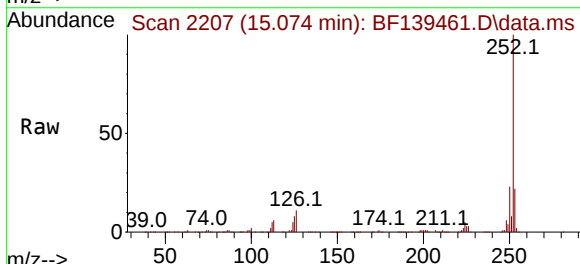
Instrument :
 BNA_F
 ClientSampleId :
 PB163516BS

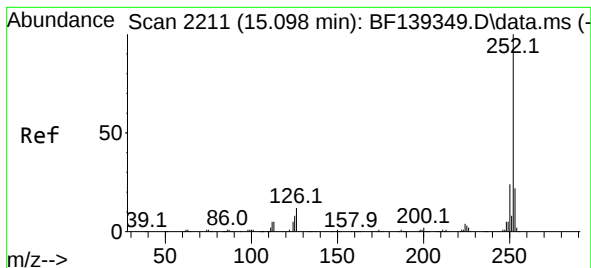
Tgt Ion:276 Resp: 424446
 Ion Ratio Lower Upper
 276 100
 138 21.1 15.4 23.2
 277 25.2 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 48.194 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: BF139461.D
 Acq: 19 Sep 2024 13:27

Tgt Ion:252 Resp: 446898
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.6 26.4
 125 8.4 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 41.932 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

Instrument :

BNA_F

ClientSampleId :

PB163516BS

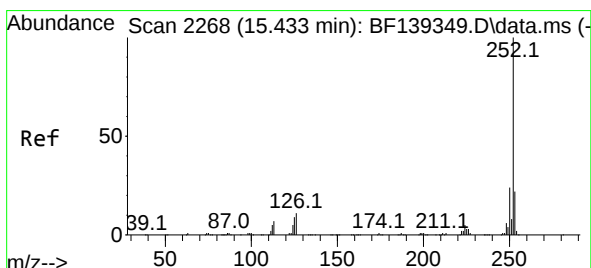
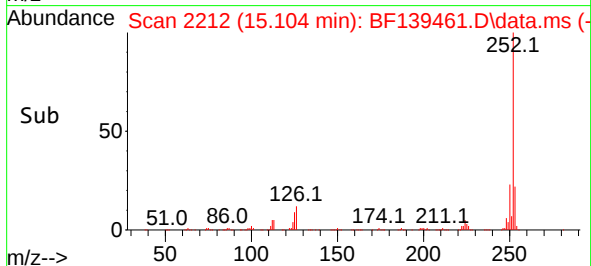
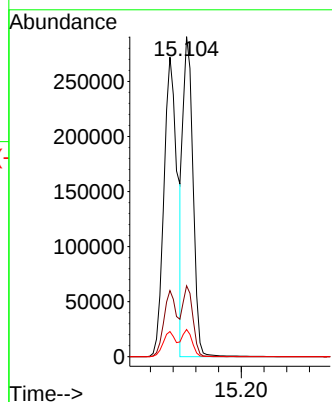
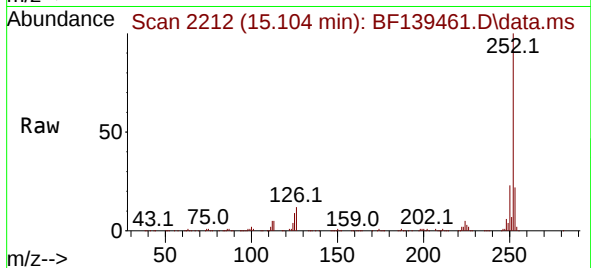
Tgt Ion:252 Resp: 358505

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 8.5 5.9 8.9



#90

Benzo(a)pyrene

Concen: 49.523 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139461.D

Acq: 19 Sep 2024 13:27

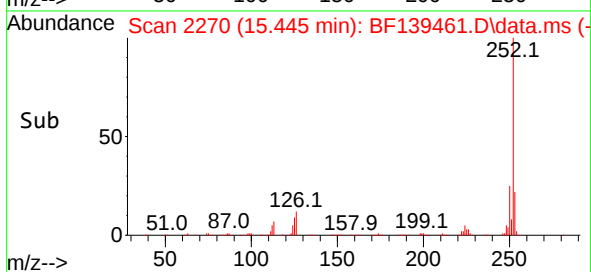
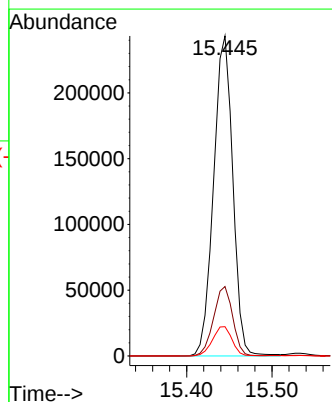
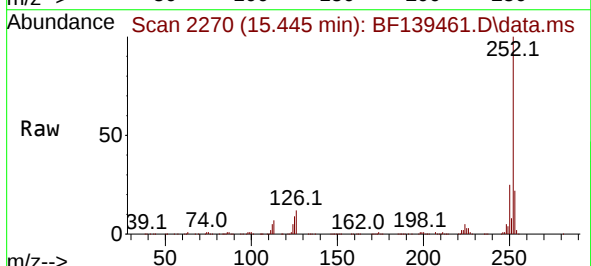
Tgt Ion:252 Resp: 380851

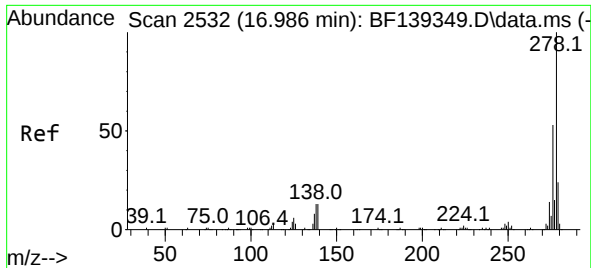
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.2 6.8 10.2

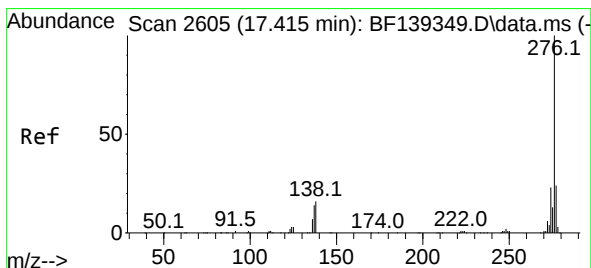
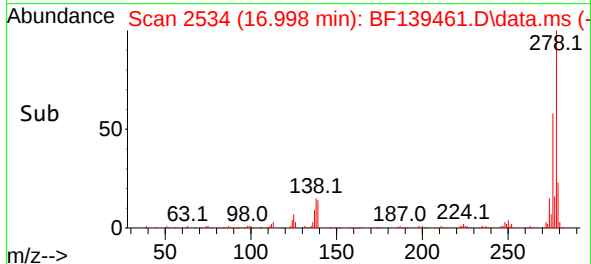
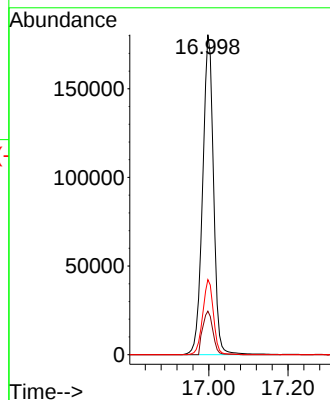
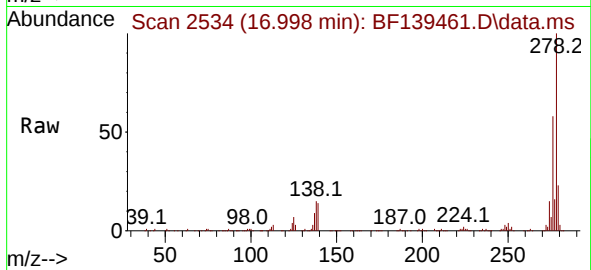




#91
Dibenzo(a,h)anthracene
Concen: 46.772 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Instrument :
BNA_F
ClientSampleId :
PB163516BS

Tgt Ion:278 Resp: 345537
Ion Ratio Lower Upper
278 100
139 13.6 10.2 15.2
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 42.721 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF139461.D
Acq: 19 Sep 2024 13:27

Tgt Ion:276 Resp: 312491
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 18.3 13.0 19.6

