

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139402.D
 Acq On : 17 Sep 2024 15:13
 Operator : RC/JU
 Sample : P3985-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

Quant Time: Sep 17 15:50:05 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	63641	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	237730	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	127420	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	190204	20.000	ng	0.00
76) Chrysene-d12	14.033	240	112114	20.000	ng	0.00
86) Perylene-d12	15.498	264	97799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	324685	83.228	ng	0.01
7) Phenol-d6	6.510	99	452419	88.354	ng	0.00
23) Nitrobenzene-d5	7.439	82	298078	58.945	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	107934	79.566	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	555340	61.127	ng	0.00
79) Terphenyl-d14	12.980	244	371882	54.445	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.746	88	60996	38.972	ng	99
3) Pyridine	3.493	79	154703	44.831	ng	98
4) n-Nitrosodimethylamine	3.451	42	136567	45.660	ng	98
6) Aniline	6.539	93	167235	43.277	ng	# 83
8) 2-Chlorophenol	6.663	128	195020	48.564	ng	99
9) Benzaldehyde	6.428	77	39998	13.520	ng	95
10) Phenol	6.522	94	256230	49.132	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	181967	45.907	ng	99
12) 1,3-Dichlorobenzene	6.822	146	205322	44.958	ng	99
13) 1,4-Dichlorobenzene	6.898	146	205619	44.553	ng	99
14) 1,2-Dichlorobenzene	7.045	146	196614	45.086	ng	100
15) Benzyl Alcohol	7.022	79	199140	48.746	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	326531	53.453	ng	97
17) 2-Methylphenol	7.134	107	156819	49.151	ng	99
18) Hexachloroethane	7.392	117	79965	45.490	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	155594	51.278	ng	100
20) 3+4-Methylphenols	7.286	107	208632	47.930	ng	# 88
22) Acetophenone	7.286	105	285850	45.994	ng	97
24) Nitrobenzene	7.463	77	231878	44.553	ng	97
25) Isophorone	7.698	82	402324	50.306	ng	99
26) 2-Nitrophenol	7.775	139	103922	51.252	ng	98
27) 2,4-Dimethylphenol	7.816	122	156807	58.626	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	228528	50.138	ng	99
29) 2,4-Dichlorophenol	8.016	162	164401	48.383	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	173783	43.895	ng	99
31) Naphthalene	8.186	128	576063	46.416	ng	100
32) Benzoic acid	7.934	122	109223	43.636	ng	97
33) 4-Chloroaniline	8.228	127	59970	15.795	ng	99
34) Hexachlorobutadiene	8.298	225	122205	45.433	ng	99
35) Caprolactam	8.604	113	40101	38.366	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	181709	46.792	ng	97
37) 2-Methylnaphthalene	8.875	142	380585	48.312	ng	98
38) 1-Methylnaphthalene	8.975	142	351173	45.407	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	185150	49.029	ng	98
41) Hexachlorocyclopentadiene	9.028	237	178406	135.306	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	125751	51.183	ng	100

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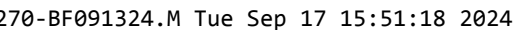
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	122448	47.248	ng	98
46) 1,1'-Biphenyl	9.339	154	473127	48.265	ng	100
47) 2-Chloronaphthalene	9.363	162	347237	47.375	ng	98
48) 2-Nitroaniline	9.457	65	132183	48.486	ng	97
49) Acenaphthylene	9.780	152	562594	50.991	ng	99
50) Dimethylphthalate	9.639	163	412429	49.315	ng	100
51) 2,6-Dinitrotoluene	9.698	165	88467	47.751	ng	97
52) Acenaphthene	9.951	154	403419	52.390	ng	99
53) 3-Nitroaniline	9.869	138	49825	26.910	ng	93
54) 2,4-Dinitrophenol	9.975	184	86802	84.081	ng	95
55) Dibenzofuran	10.122	168	510073	47.525	ng	98
56) 4-Nitrophenol	10.027	139	125488	81.908	ng	94
57) 2,4-Dinitrotoluene	10.104	165	115122	46.025	ng	100
58) Fluorene	10.463	166	399763	45.651	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	99225	46.284	ng	99
60) Diethylphthalate	10.333	149	421960	48.892	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	198855	46.726	ng	97
62) 4-Nitroaniline	10.480	138	76121	37.670	ng	98
63) Azobenzene	10.616	77	433488	51.068	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	54052	53.844	ng	94
66) n-Nitrosodiphenylamine	10.575	169	336572	60.525	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	110457	58.602	ng	99
68) Hexachlorobenzene	11.010	284	117187	52.975	ng	98
69) Atrazine	11.098	200	98971	74.758	ng	99
70) Pentachlorophenol	11.204	266	122553	92.327	ng	98
71) Phenanthrene	11.422	178	474526	51.711	ng	100
72) Anthracene	11.474	178	470368	52.426	ng	99
73) Carbazole	11.627	167	386366	44.993	ng	99
74) Di-n-butylphthalate	11.957	149	500935	52.367	ng	100
75) Fluoranthene	12.610	202	395811	40.390	ng	100
77) Benzidine	12.727	184	114565	71.324	ng	99
78) Pyrene	12.839	202	398286	41.374	ng	100
80) Butylbenzylphthalate	13.457	149	158135	48.261	ng	97
81) Benzo(a)anthracene	14.021	228	389773	52.485	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	85791	39.447	ng	100
83) Chrysene	14.063	228	330847	48.424	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	212127	50.890	ng	100
85) Di-n-octyl phthalate	14.621	149	379117	61.758	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	187696	32.276	ng	99
88) Benzo(b)fluoranthene	15.074	252	335062	55.551	ng	100
89) Benzo(k)fluoranthene	15.104	252	325435	58.518	ng	99
90) Benzo(a)pyrene	15.439	252	274187	54.812	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	155179	32.292	ng	99
92) Benzo(g,h,i)perylene	17.415	276	141200	29.676	ng	98

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

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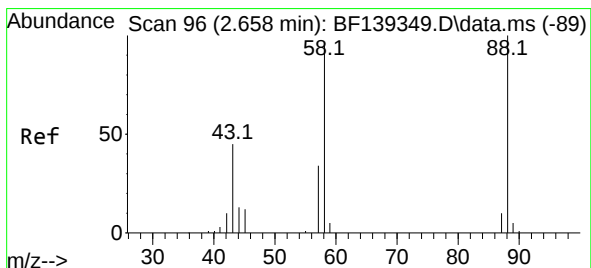
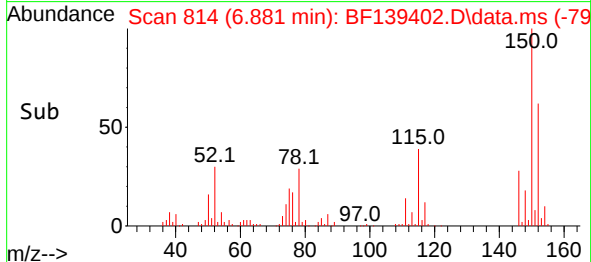
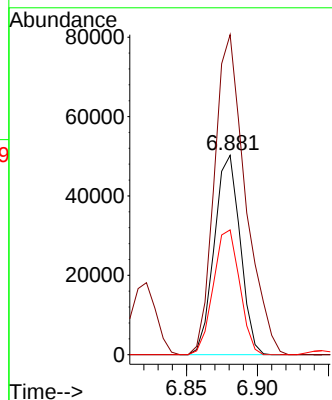
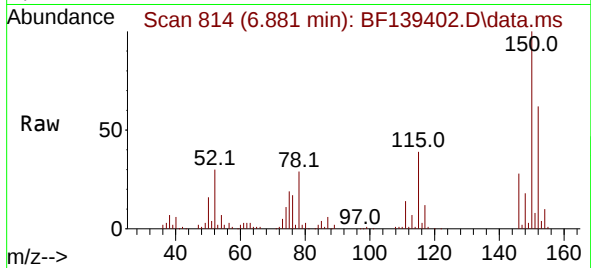




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139402.D
 Acq: 17 Sep 2024 15:13

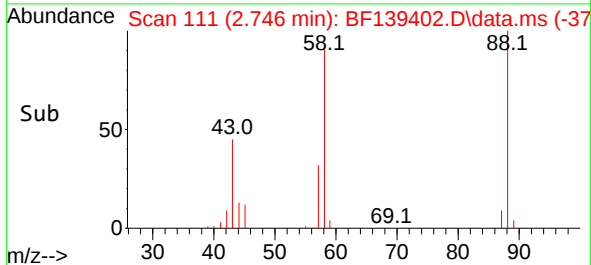
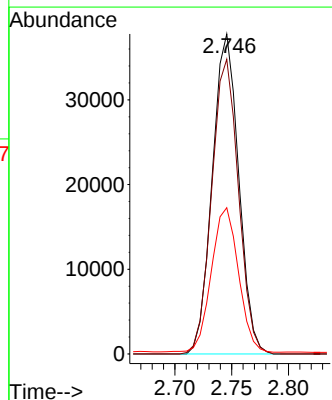
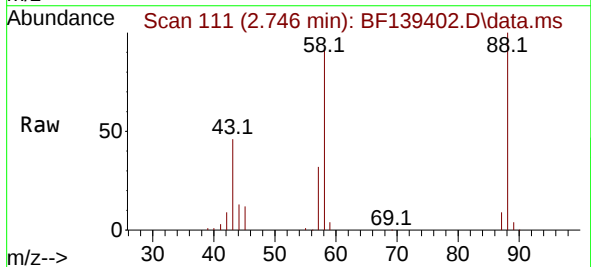
Instrument :
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 TP-7MSD

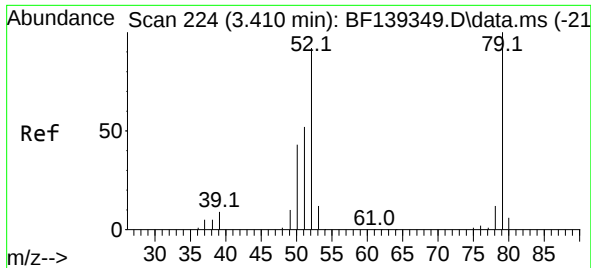
Tgt Ion:152 Resp: 63641
 Ion Ratio Lower Upper
 152 100
 150 160.4 124.1 186.1
 115 62.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 38.972 ng
 RT: 2.746 min Scan# 111
 Delta R.T. 0.088 min
 Lab File: BF139402.D
 Acq: 17 Sep 2024 15:13

Tgt Ion: 88 Resp: 60996
 Ion Ratio Lower Upper
 88 100
 58 93.3 74.8 112.2
 43 46.3 36.4 54.6





#3

Pyridine

Concen: 44.831 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

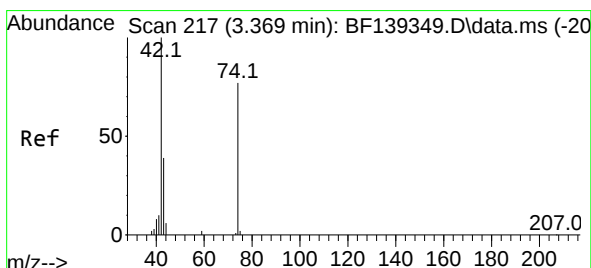
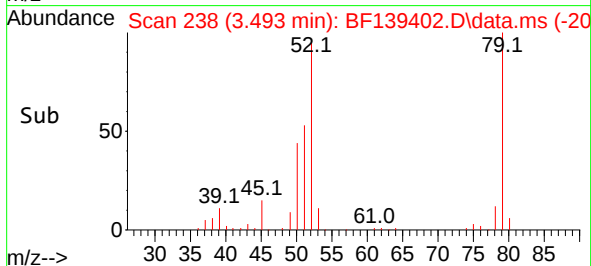
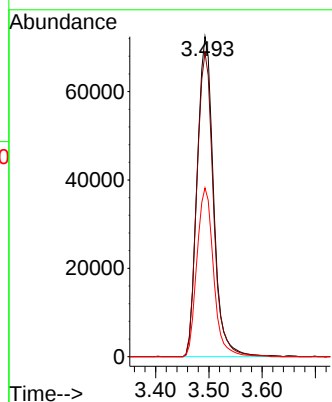
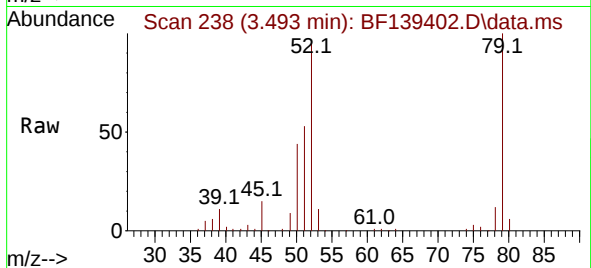
Tgt Ion: 79 Resp: 154703

Ion Ratio Lower Upper

79 100

52 94.9 73.8 110.8

51 52.7 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 45.660 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.082 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

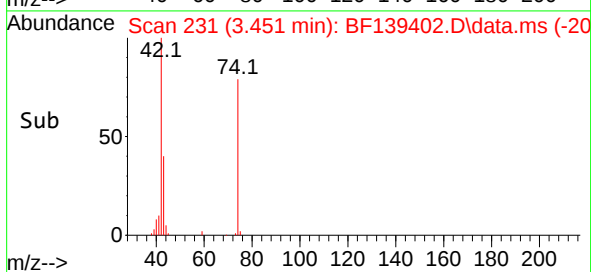
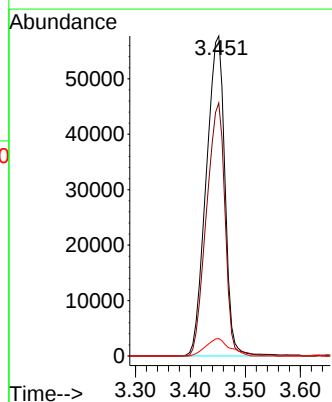
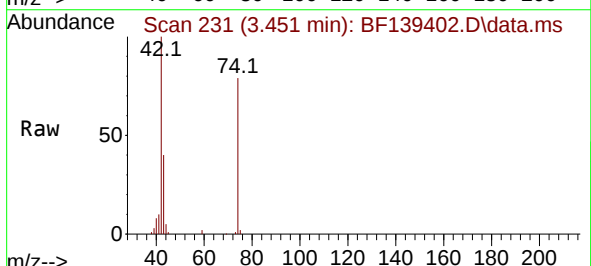
Tgt Ion: 42 Resp: 136567

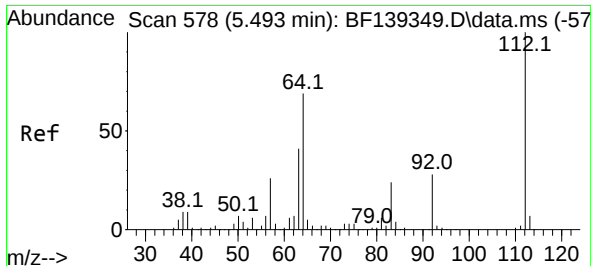
Ion Ratio Lower Upper

42 100

74 79.1 61.8 92.8

44 5.5 4.8 7.2

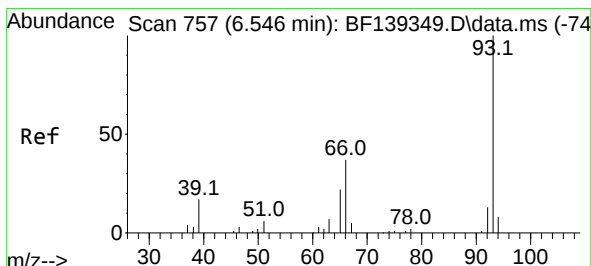
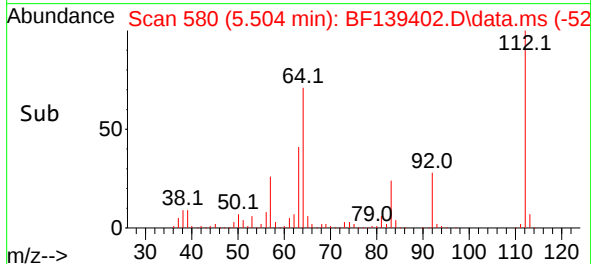
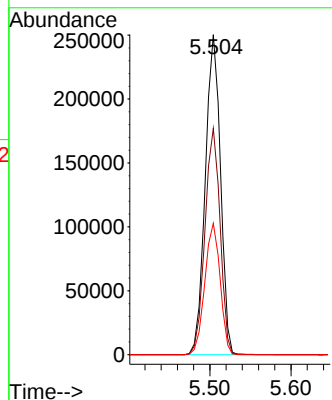
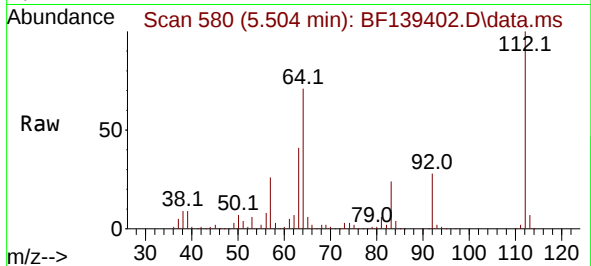




#5
2-Fluorophenol
Concen: 83.228 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

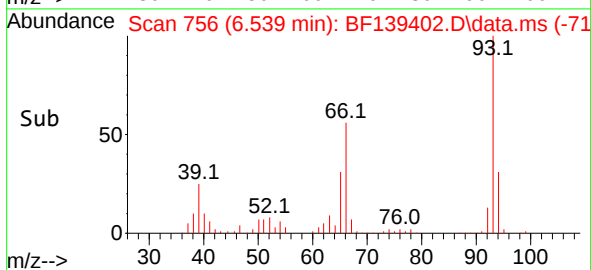
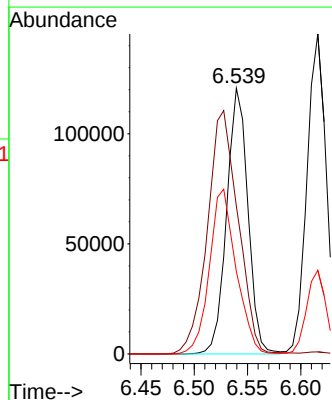
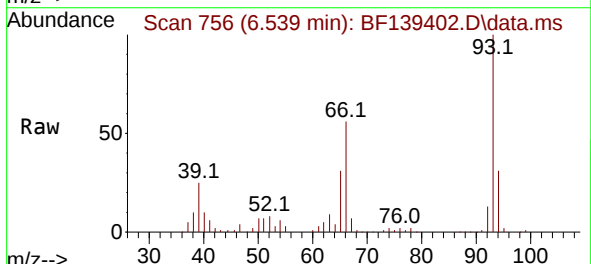
Instrument :
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ClientSampleId :
TP-7MSD

Tgt Ion:112 Resp: 324685
Ion Ratio Lower Upper
112 100
64 70.7 54.8 82.2
63 41.0 33.0 49.4



#6
Aniline
Concen: 43.277 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.030 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion: 93 Resp: 167235
Ion Ratio Lower Upper
93 100
66 55.6 35.4 53.0#
65 31.0 18.2 27.4#





#7

Phenol-d6

Concen: 88.354 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

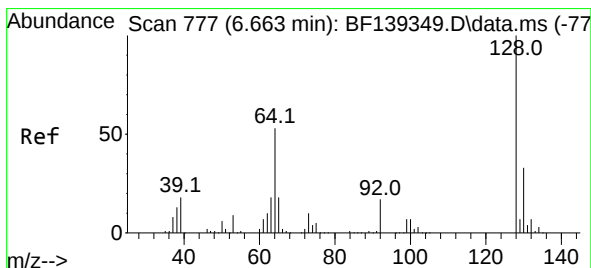
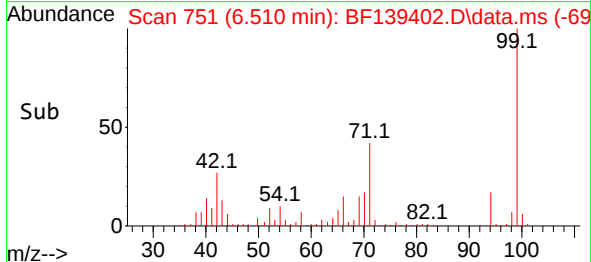
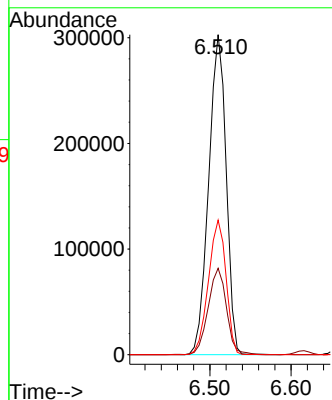
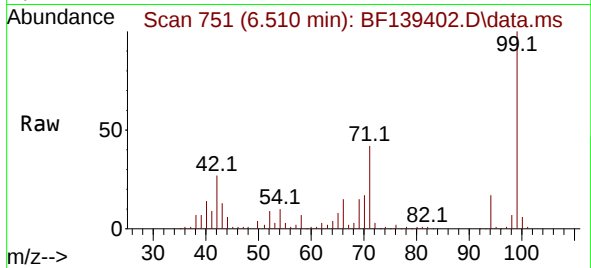
Tgt Ion: 99 Resp: 452419

Ion Ratio Lower Upper

99 100

42 27.0 21.9 32.9

71 42.1 34.6 52.0



#8

2-Chlorophenol

Concen: 48.564 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

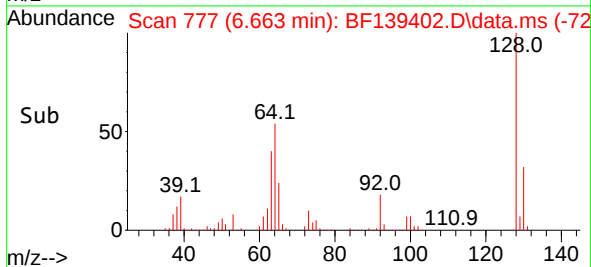
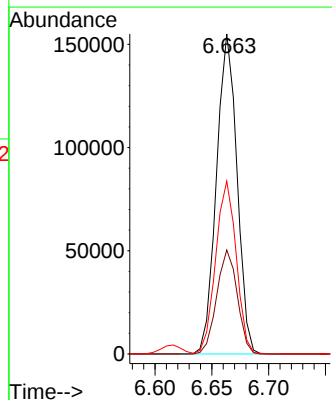
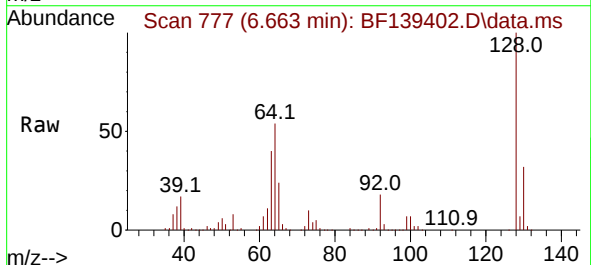
Tgt Ion:128 Resp: 195020

Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

64 54.0 35.1 75.1





#9

Benzaldehyde

Concen: 13.520 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

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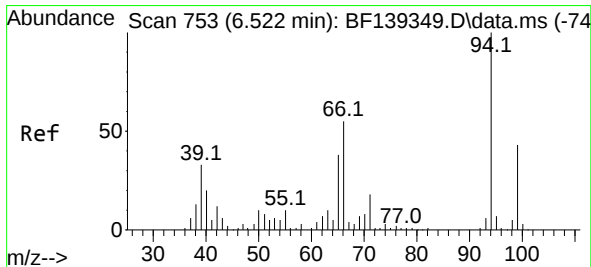
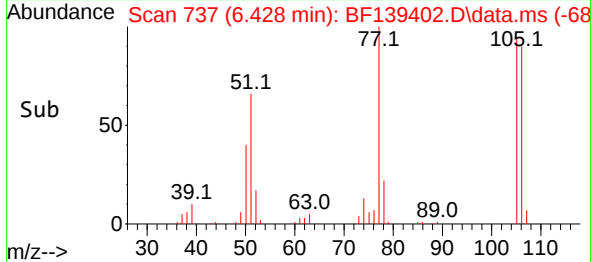
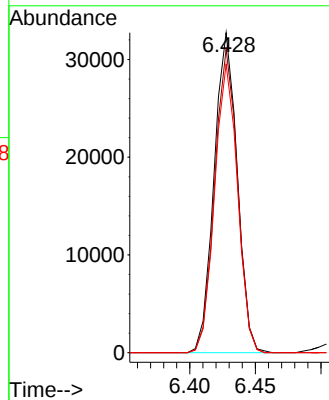
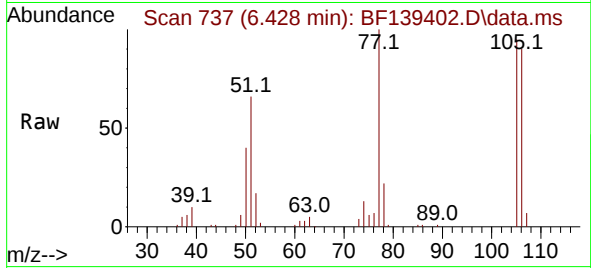
Tgt Ion: 77 Resp: 39998

Ion Ratio Lower Upper

77 100

105 94.8 71.0 111.0

106 90.1 64.9 104.9



#10

Phenol

Concen: 49.132 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

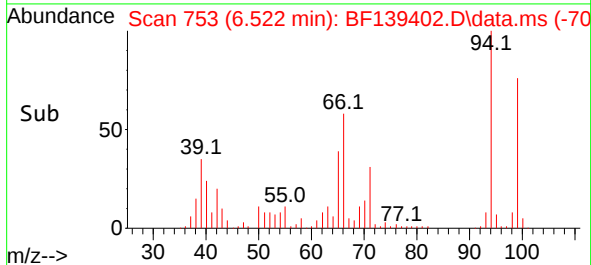
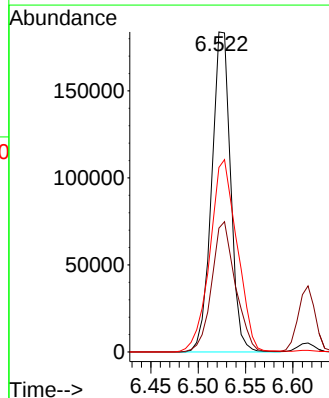
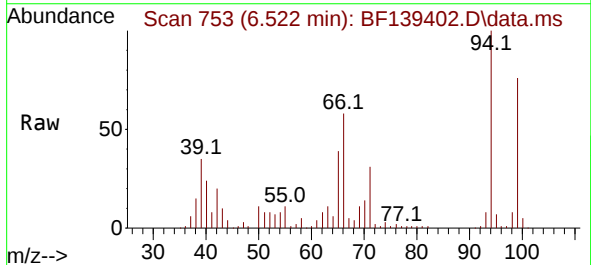
Tgt Ion: 94 Resp: 256230

Ion Ratio Lower Upper

94 100

65 38.7 17.6 57.6

66 57.6 35.2 75.2



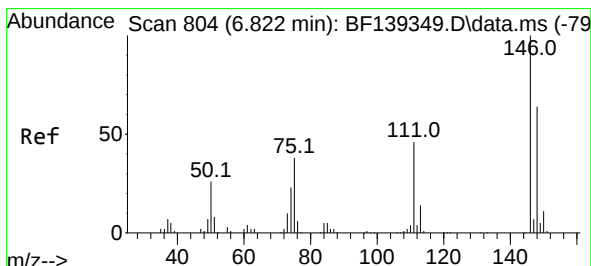
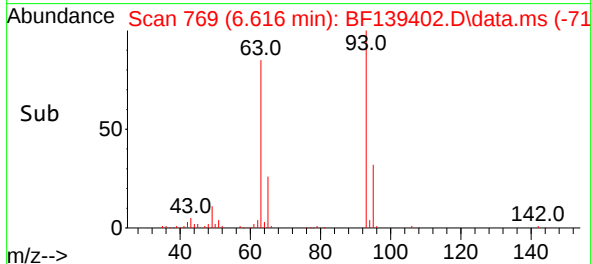
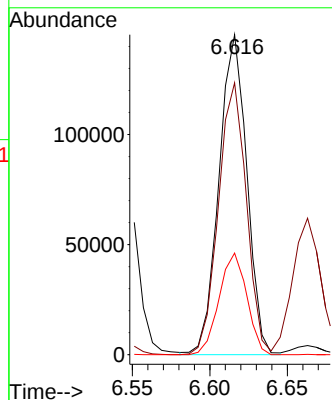
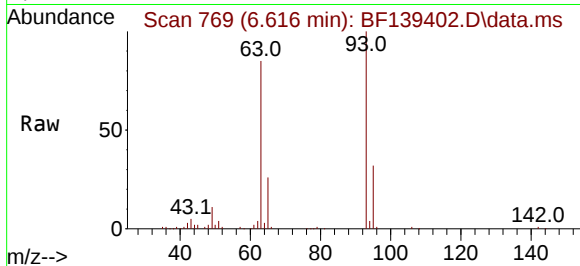


#11
bis(2-Chloroethyl)ether
Concen: 45.907 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion: 93 Resp: 181967

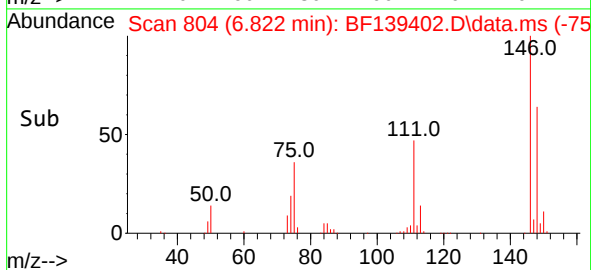
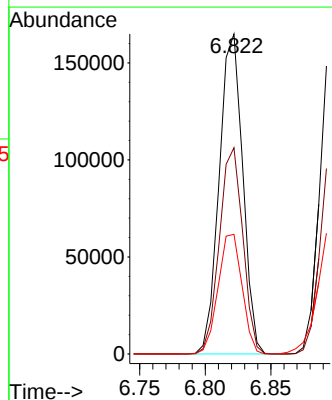
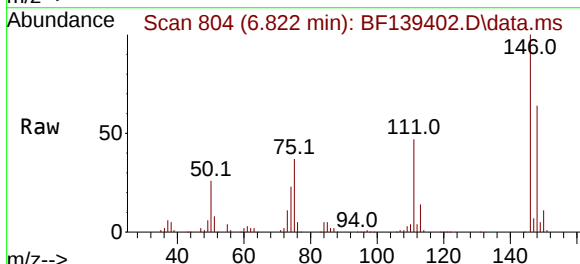
Ion	Ratio	Lower	Upper
93	100		
63	85.0	65.3	105.3
95	31.8	12.4	52.4

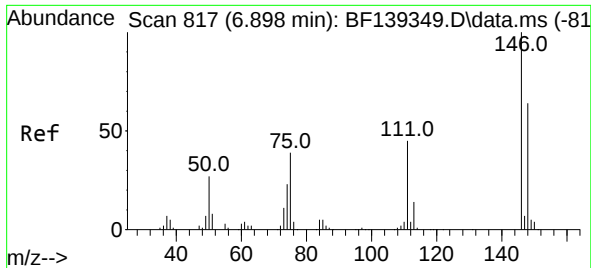


#12
1,3-Dichlorobenzene
Concen: 44.958 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion: 146 Resp: 205322

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
75	37.4	30.6	46.0

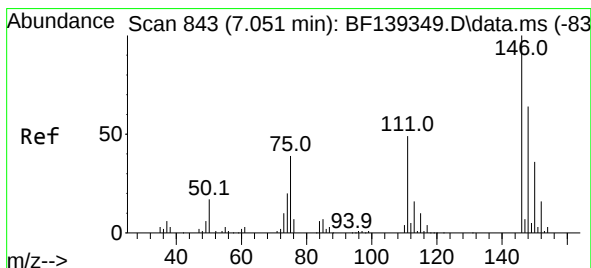
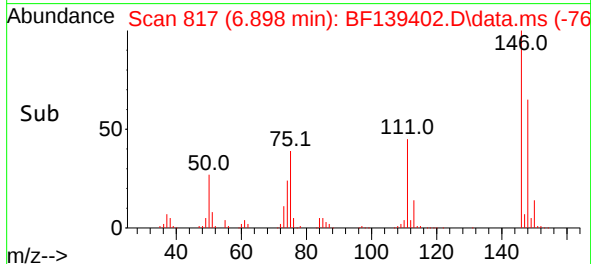
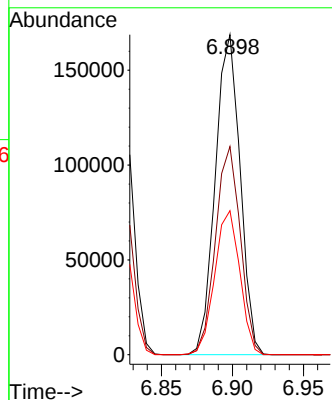
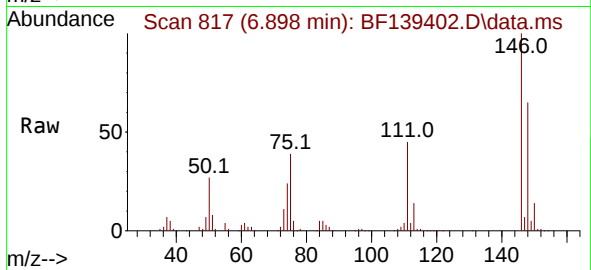




#13
1,4-Dichlorobenzene
Concen: 44.553 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

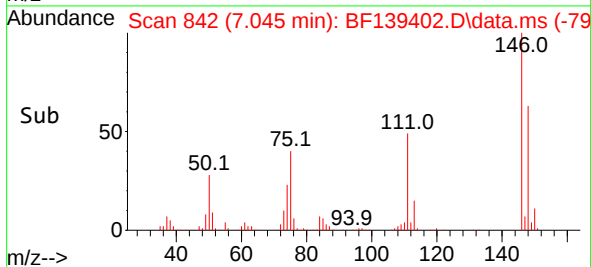
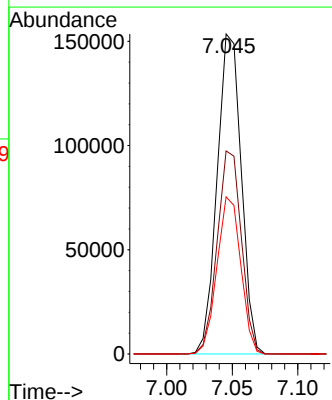
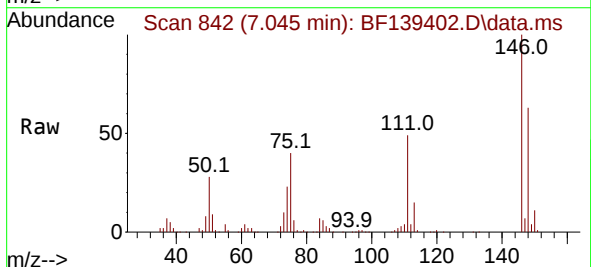
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion:146 Resp: 205619
Ion Ratio Lower Upper
146 100
148 65.1 50.9 76.3
111 45.0 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 45.086 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:146 Resp: 196614
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
111 49.1 38.9 58.3

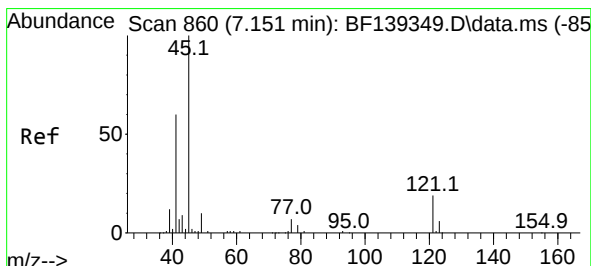
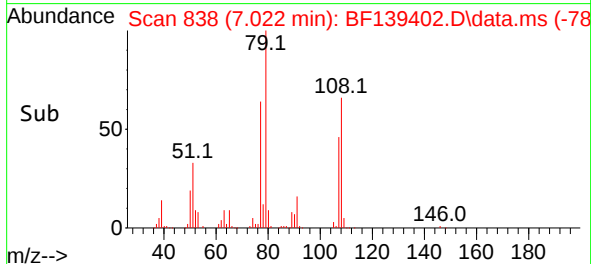
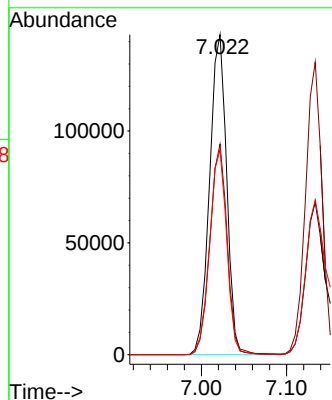
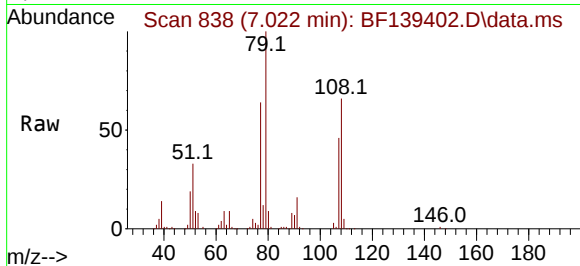




#15
Benzyl Alcohol
Concen: 48.746 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

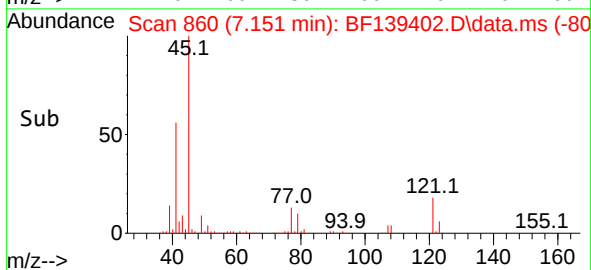
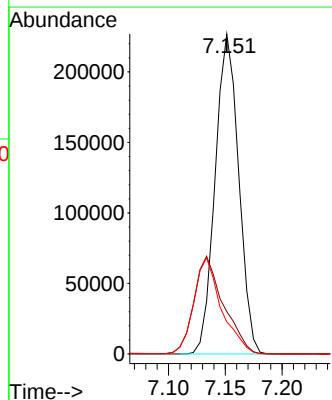
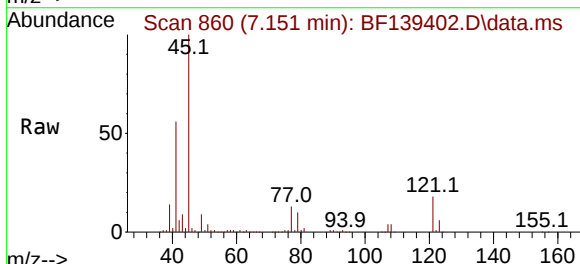
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion: 79 Resp: 199140
Ion Ratio Lower Upper
79 100
108 65.8 50.4 75.6
77 64.0 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.453 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion: 45 Resp: 326531
Ion Ratio Lower Upper
45 100
77 13.3 0.0 32.0
79 10.1 0.0 29.1

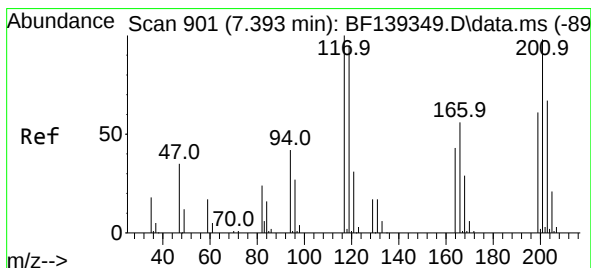
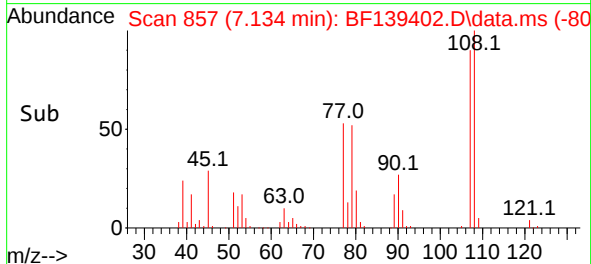
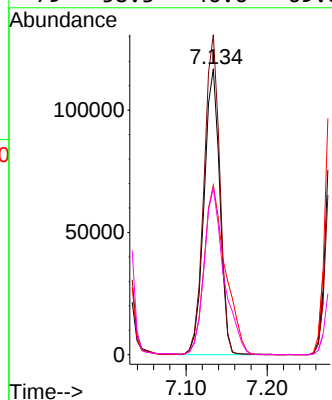
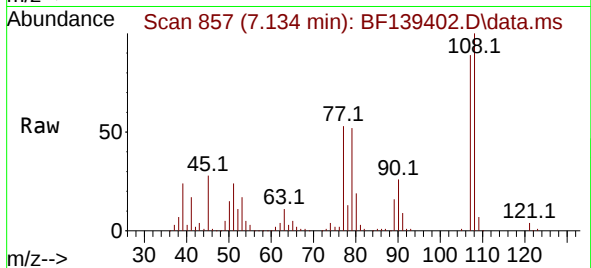




#17
2-Methylphenol
Concen: 49.151 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

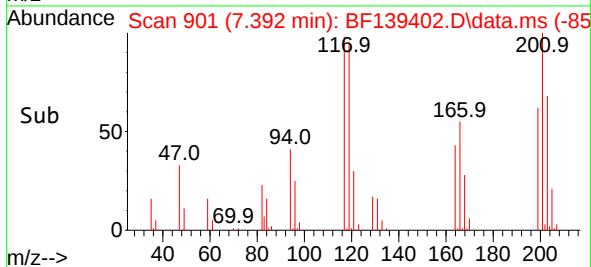
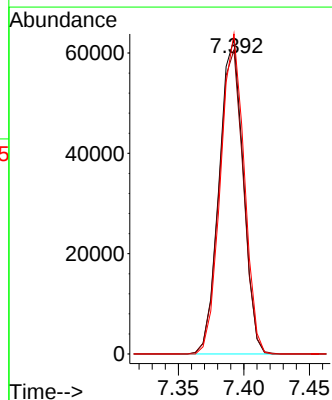
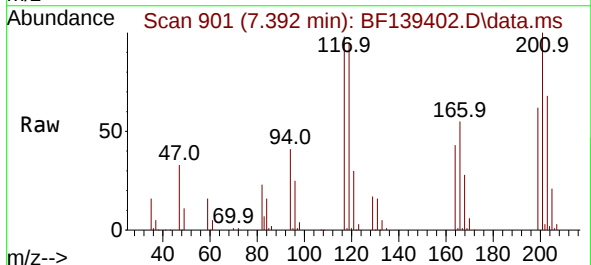
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

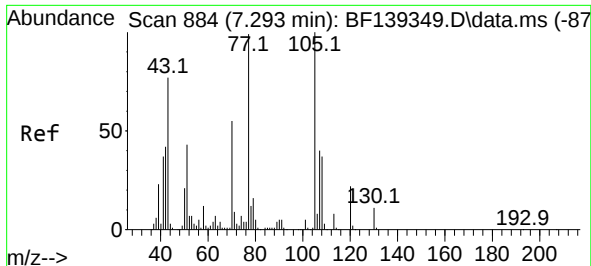
Tgt Ion:107 Resp: 156819
Ion Ratio Lower Upper
107 100
108 111.9 90.5 135.7
77 59.3 47.1 70.7
79 58.3 46.6 69.8



#18
Hexachloroethane
Concen: 45.490 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:117 Resp: 79965
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
201 101.7 78.6 118.0



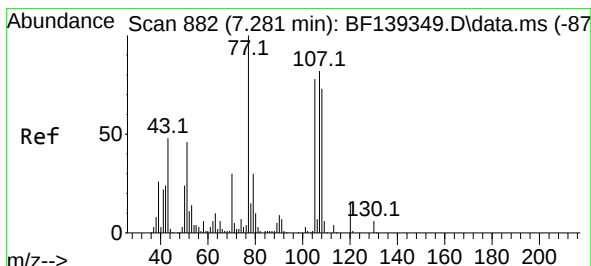
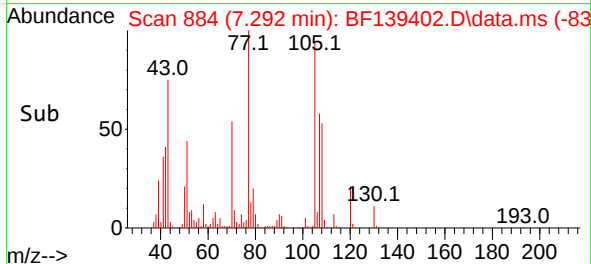
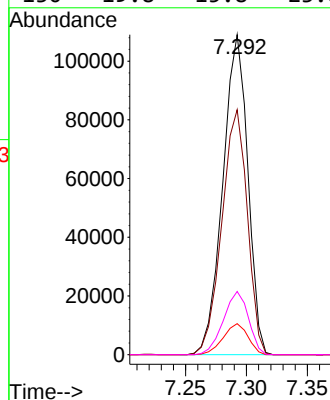
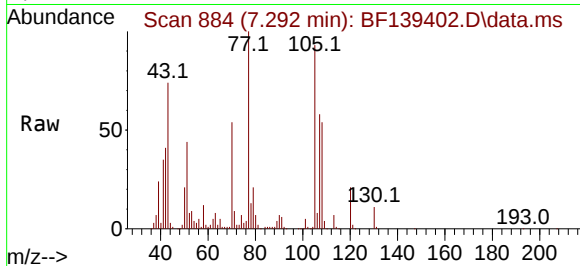


#19
n-Nitroso-di-n-propylamine
Concen: 51.278 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion: 70 Resp: 155594

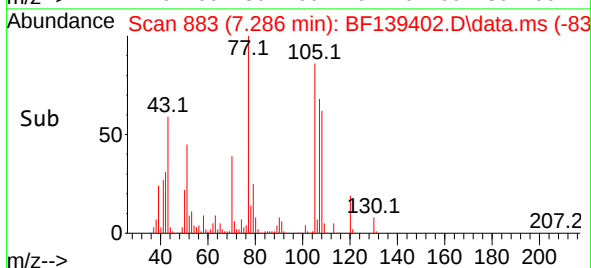
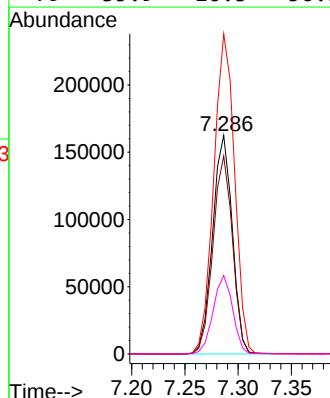
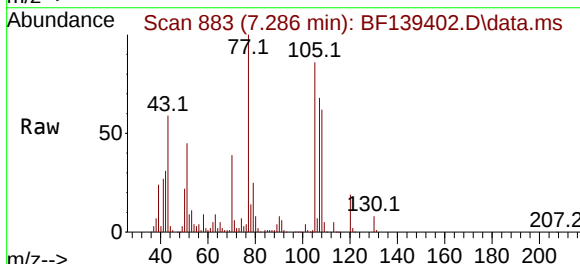
Ion	Ratio	Lower	Upper
70	100		
42	76.5	61.2	91.8
101	9.7	7.5	11.3
130	19.8	15.8	23.8

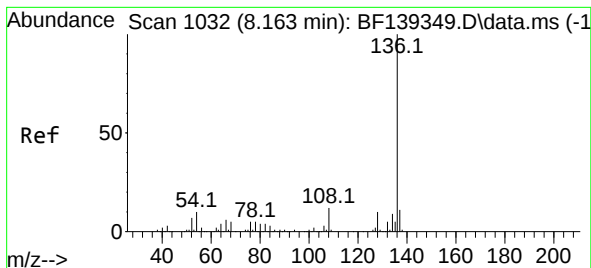


#20
3+4-Methylphenols
Concen: 47.930 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion: 107 Resp: 208632

Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.6	108.6
77	146.4	101.6	141.6#
79	35.9	16.3	56.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion:136 Resp: 237730

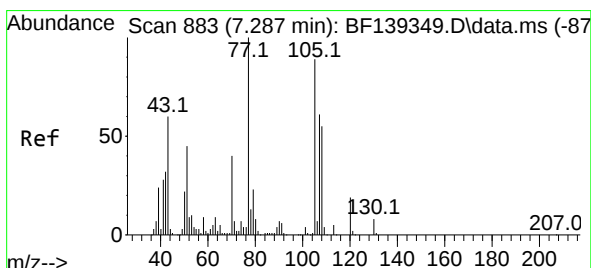
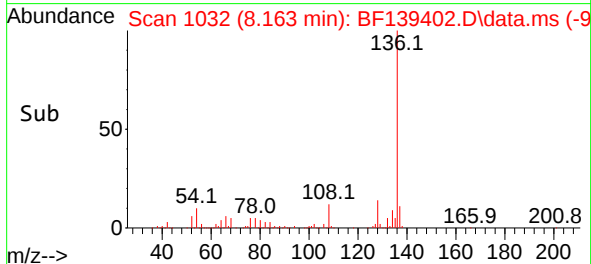
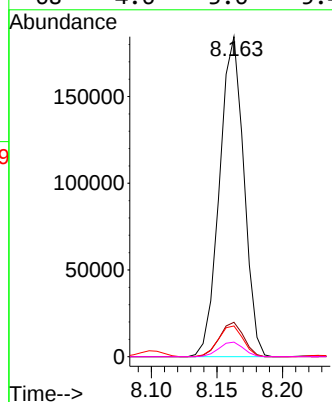
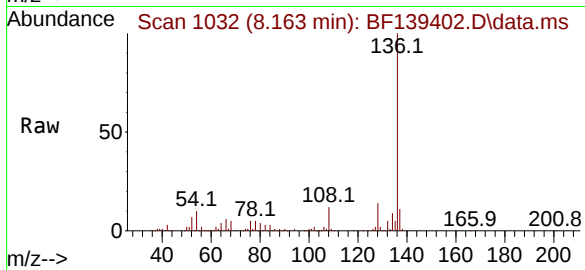
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 9.6 7.8 11.8

68 4.6 3.6 5.4



#22

Acetophenone

Concen: 45.994 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Tgt Ion:105 Resp: 285850

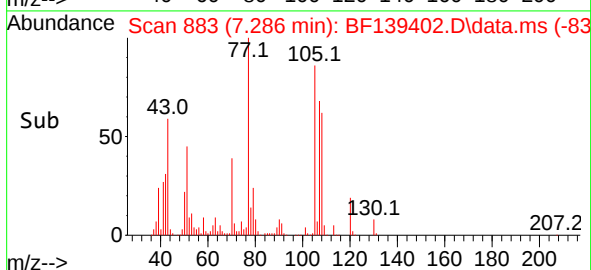
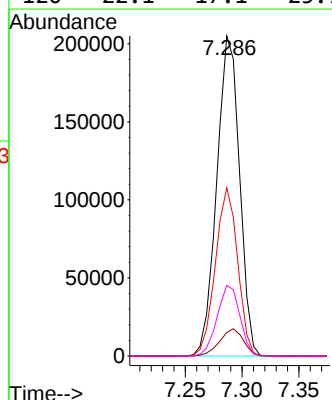
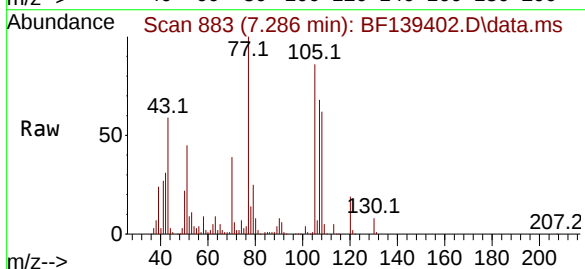
Ion Ratio Lower Upper

105 100

71 7.3 5.9 8.9

51 52.6 40.0 60.0

120 22.1 17.1 25.7





#23

Nitrobenzene-d5

Concen: 58.945 ng

RT: 7.439 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

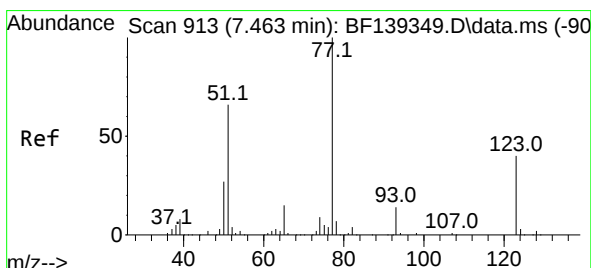
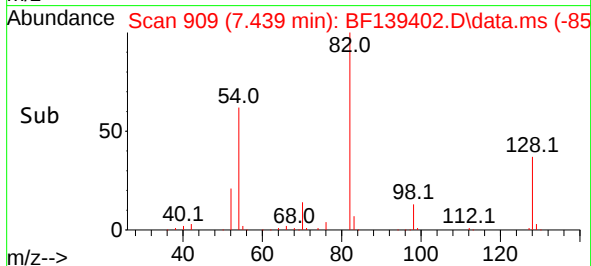
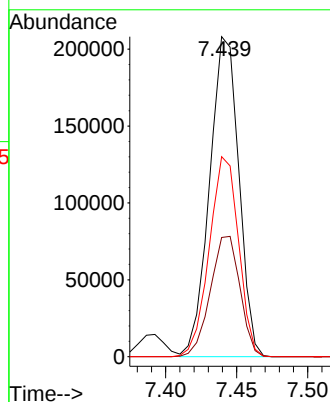
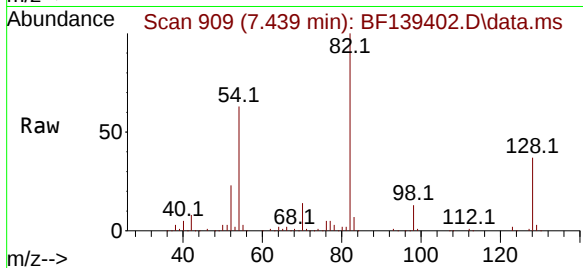
Tgt Ion: 82 Resp: 298078

Ion Ratio Lower Upper

82 100

128 37.3 31.8 47.6

54 62.5 50.6 75.8



#24

Nitrobenzene

Concen: 44.553 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

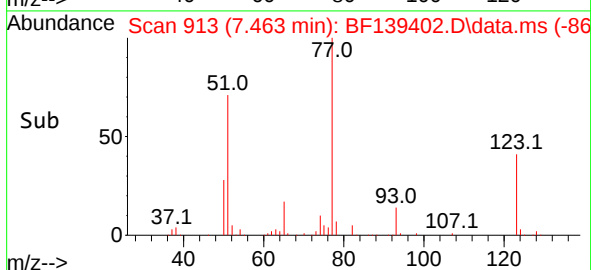
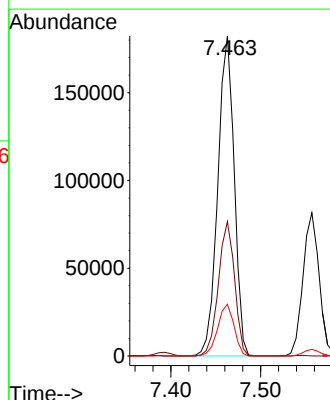
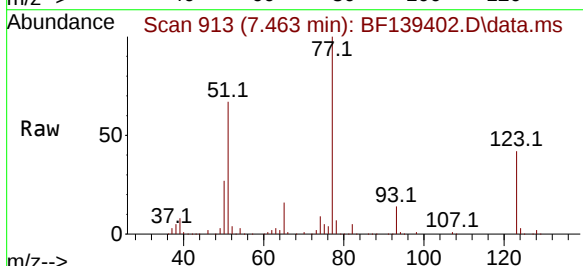
Tgt Ion: 77 Resp: 231878

Ion Ratio Lower Upper

77 100

123 42.0 32.2 48.4

65 16.1 12.2 18.4

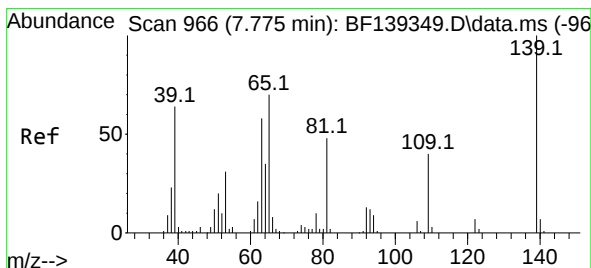
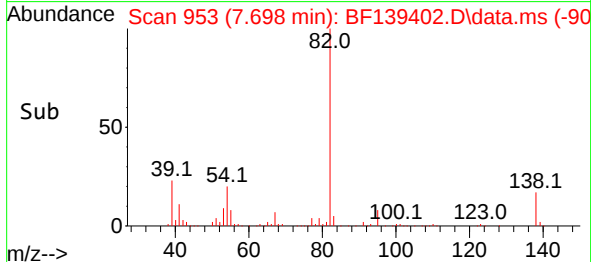
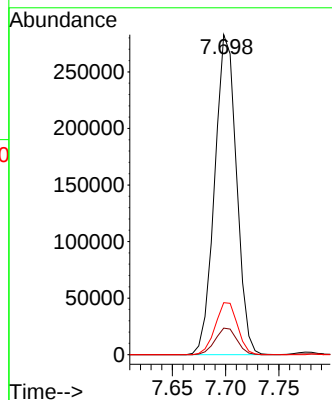
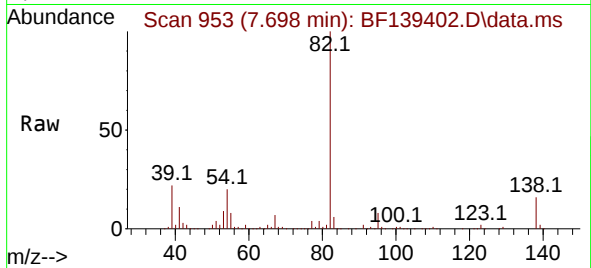




#25
Isophorone
Concen: 50.306 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

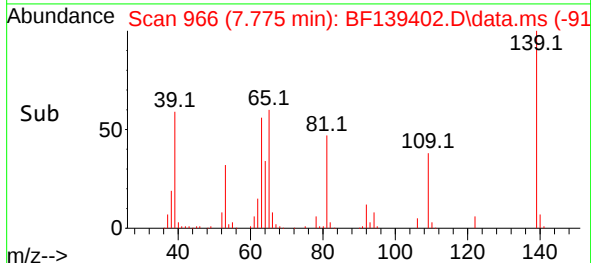
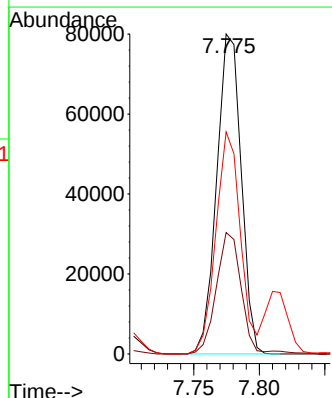
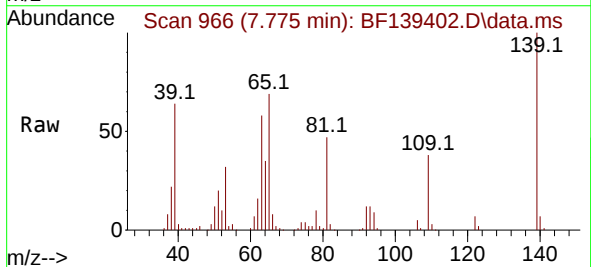
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

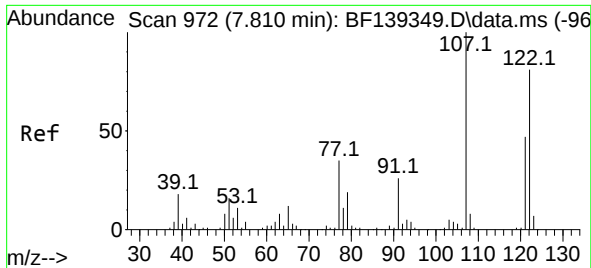
Tgt Ion: 82 Resp: 402324
Ion Ratio Lower Upper
82 100
95 8.3 6.7 10.1
138 16.3 13.3 19.9



#26
2-Nitrophenol
Concen: 51.252 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:139 Resp: 103922
Ion Ratio Lower Upper
139 100
109 37.9 32.2 48.2
65 69.4 55.8 83.8

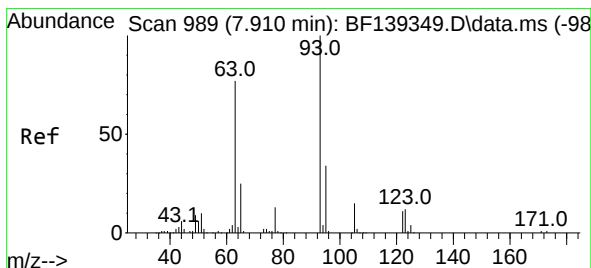
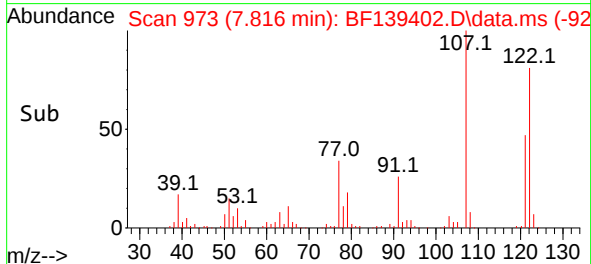
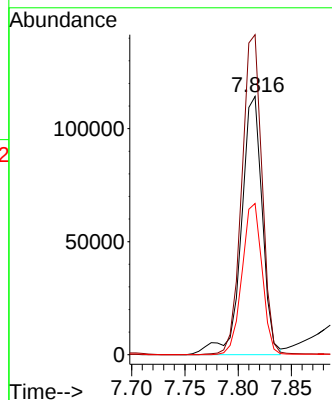
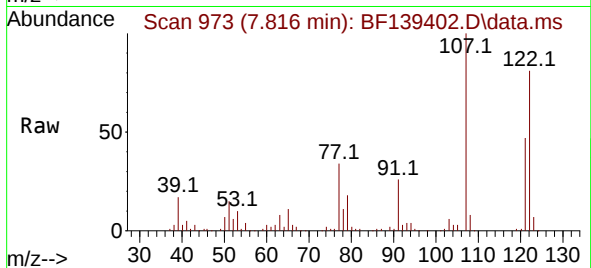




#27
2,4-Dimethylphenol
Concen: 58.626 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

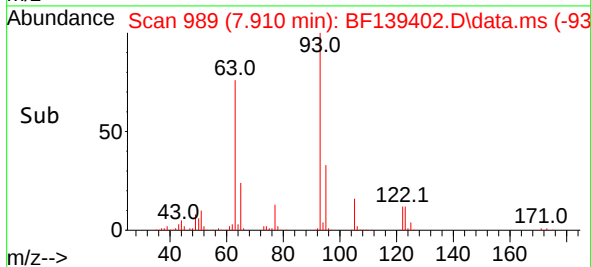
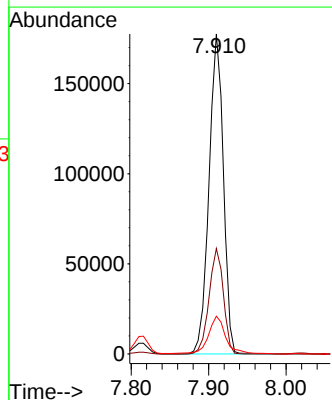
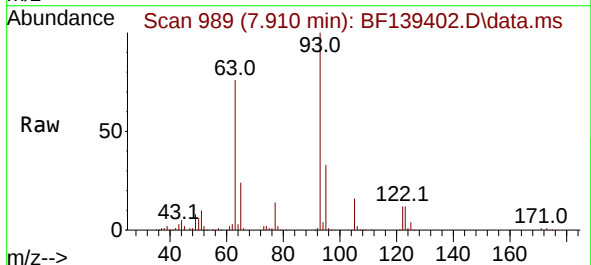
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

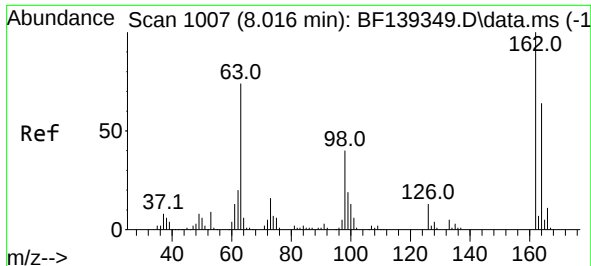
Tgt Ion:122 Resp: 156807
Ion Ratio Lower Upper
122 100
107 123.9 99.1 148.7
121 58.6 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 50.138 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion: 93 Resp: 228528
Ion Ratio Lower Upper
93 100
95 33.0 26.9 40.3
123 11.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 48.383 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

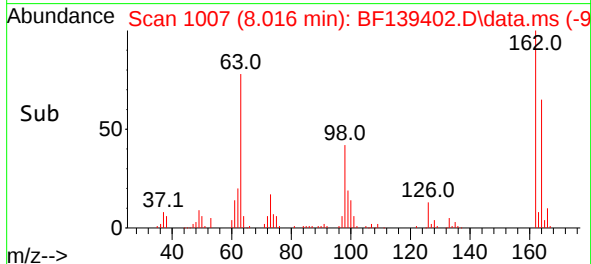
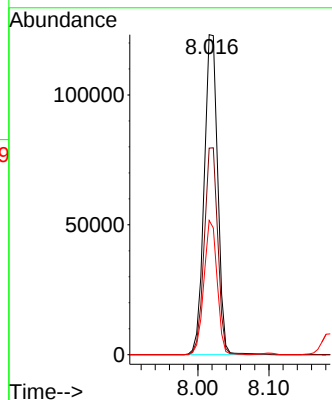
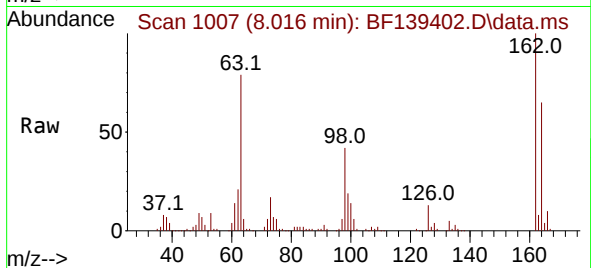
Tgt Ion:162 Resp: 164401

Ion Ratio Lower Upper

162 100

164 64.6 43.6 83.6

98 41.9 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 43.895 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

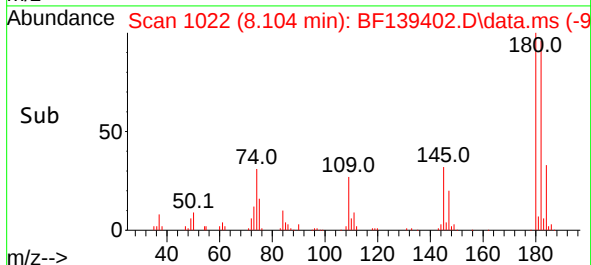
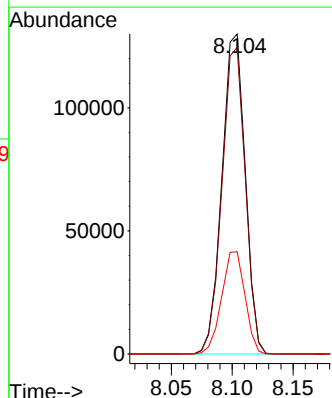
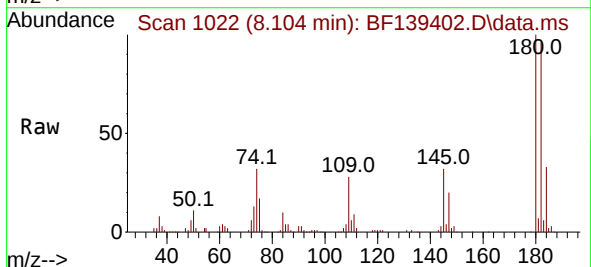
Tgt Ion:180 Resp: 173783

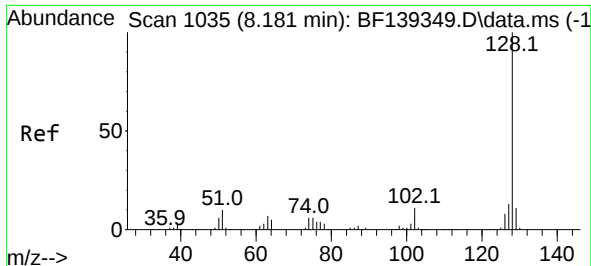
Ion Ratio Lower Upper

180 100

182 95.8 75.7 113.5

145 32.0 26.5 39.7

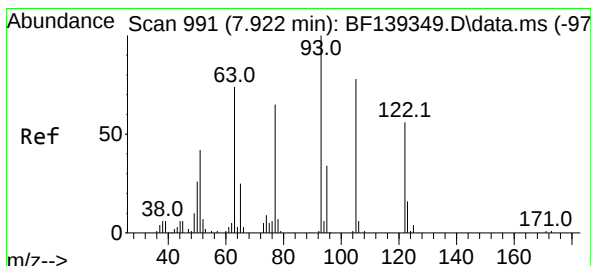
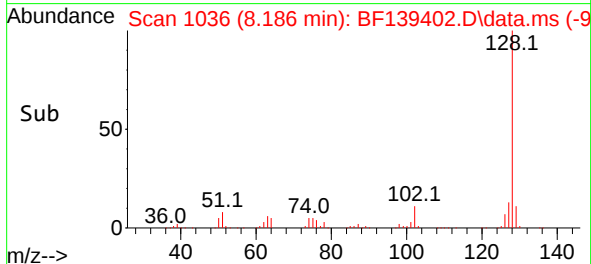
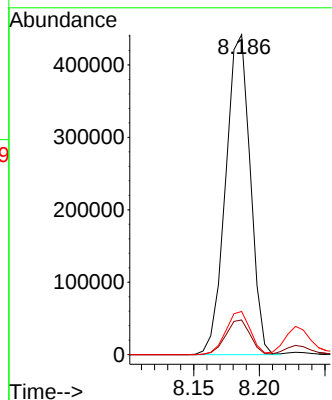
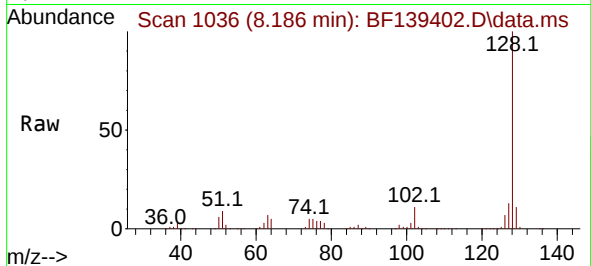




#31
Naphthalene
Concen: 46.416 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

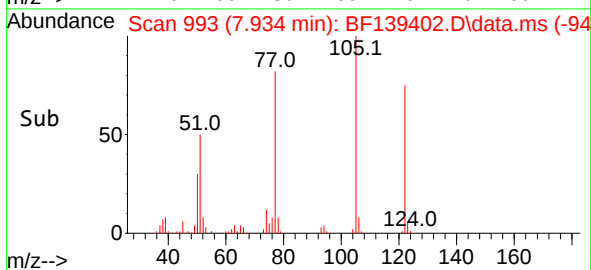
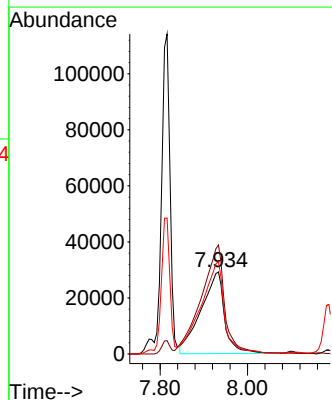
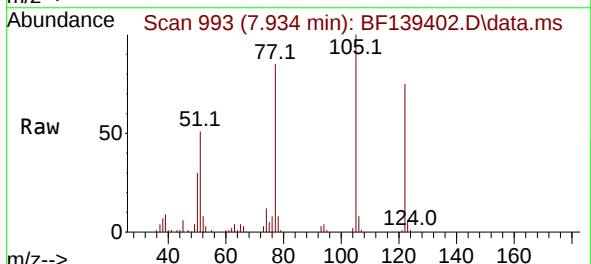
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

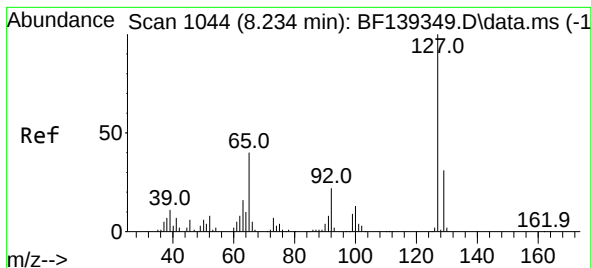
Tgt Ion:128 Resp: 576063
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 43.636 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:122 Resp: 109223
Ion Ratio Lower Upper
122 100
105 132.8 117.1 157.1
77 112.6 95.4 135.4





#33

4-Chloroaniline

Concen: 15.795 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion:127 Resp: 59970

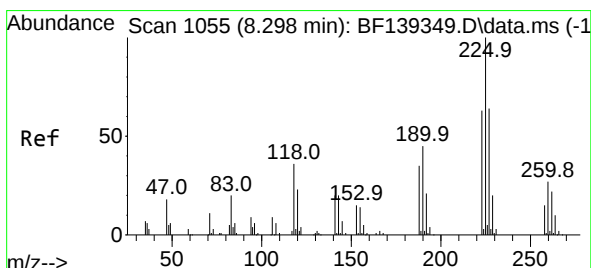
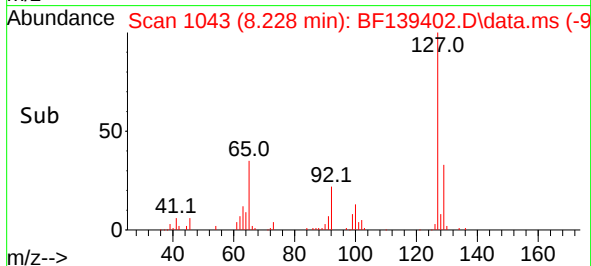
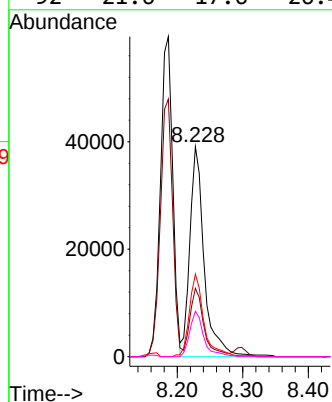
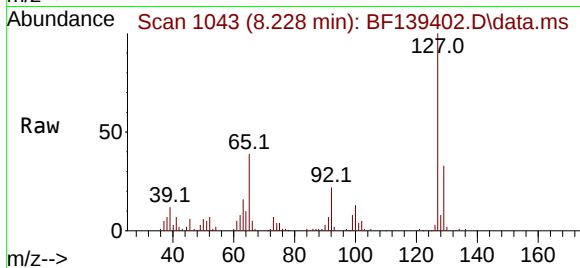
Ion Ratio Lower Upper

127 100

129 32.6 25.5 38.3

65 39.4 31.5 47.3

92 21.6 17.6 26.4



#34

Hexachlorobutadiene

Concen: 45.433 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

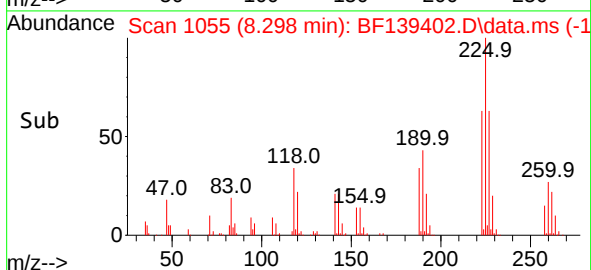
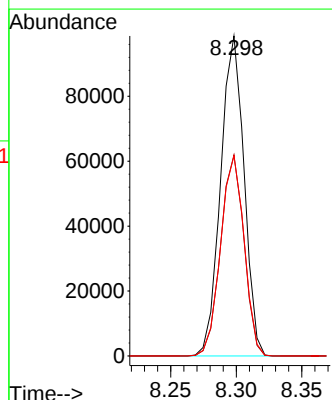
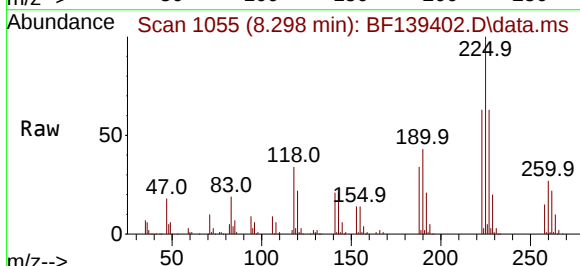
Tgt Ion:225 Resp: 122205

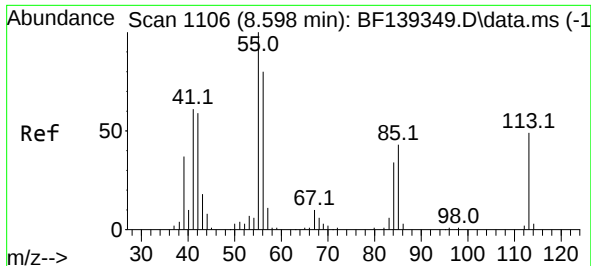
Ion Ratio Lower Upper

225 100

223 62.8 50.1 75.1

227 62.6 51.0 76.6





#35

Caprolactam

Concen: 38.366 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

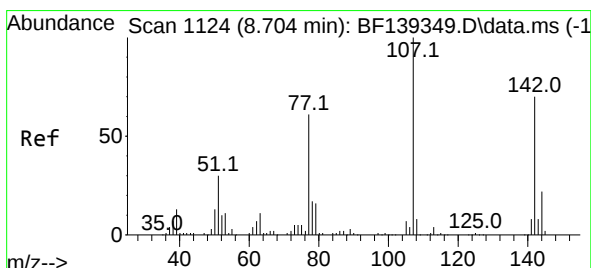
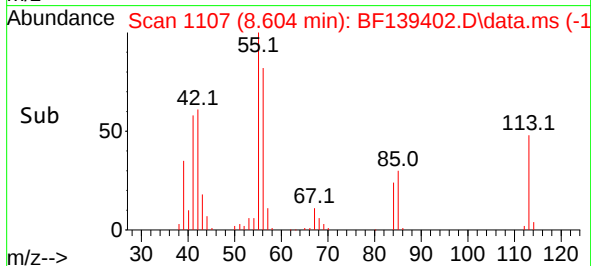
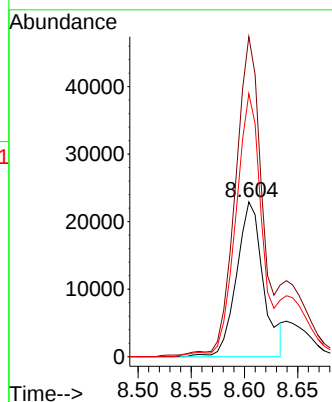
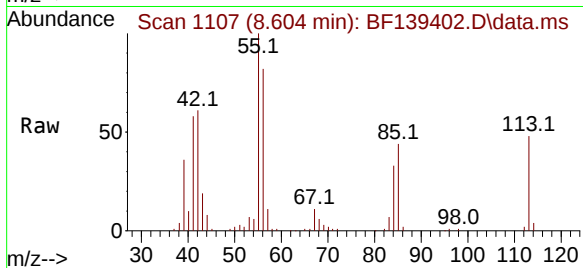
Tgt Ion:113 Resp: 40101

Ion Ratio Lower Upper

113 100

55 206.9 186.1 226.1

56 170.1 144.9 184.9



#36

4-Chloro-3-methylphenol

Concen: 46.792 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

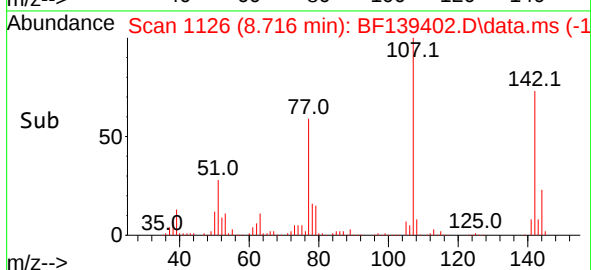
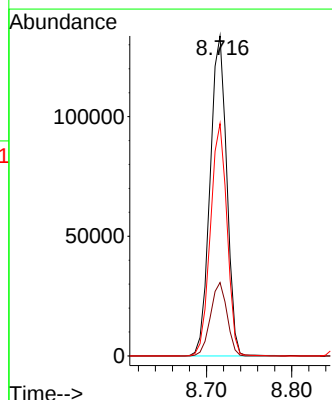
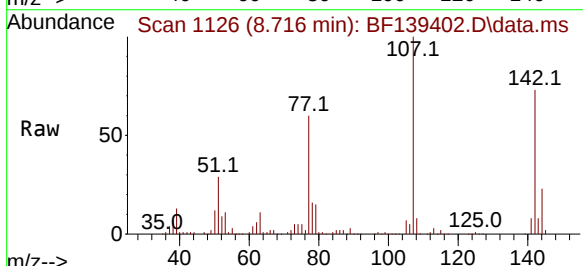
Tgt Ion:107 Resp: 181709

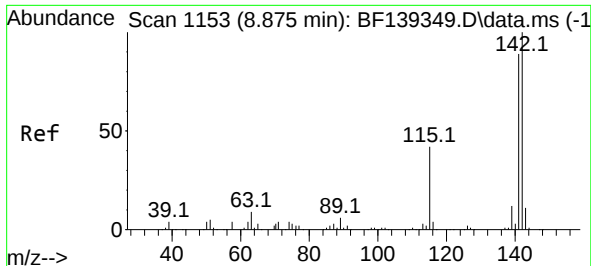
Ion Ratio Lower Upper

107 100

144 23.0 17.5 26.3

142 72.6 55.8 83.8

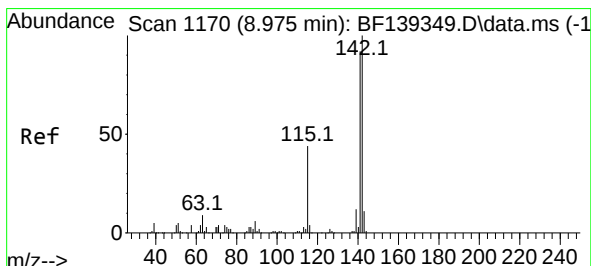
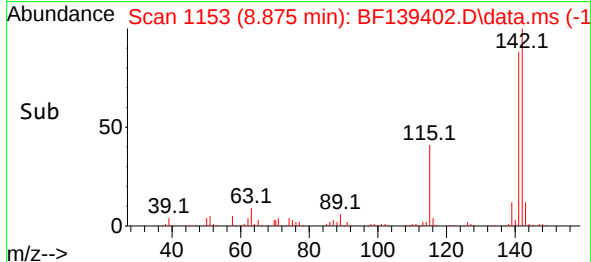
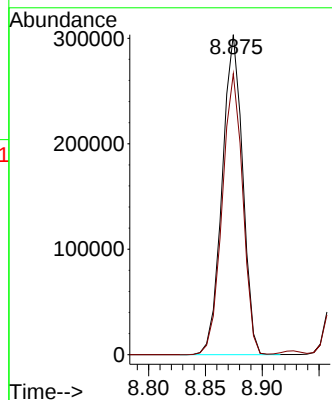
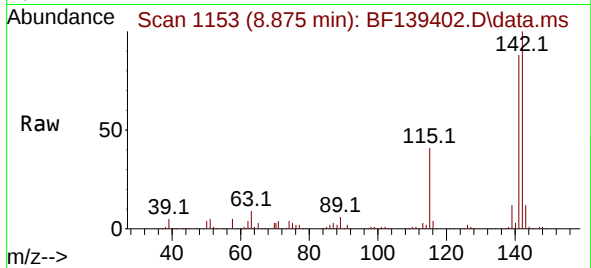




#37
2-Methylnaphthalene
Concen: 48.312 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

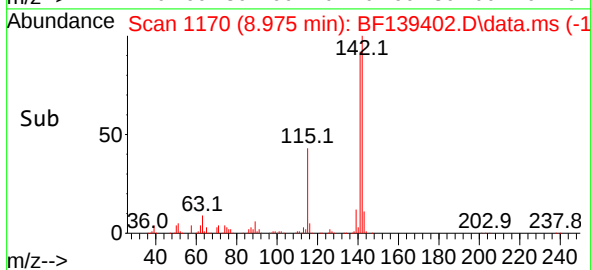
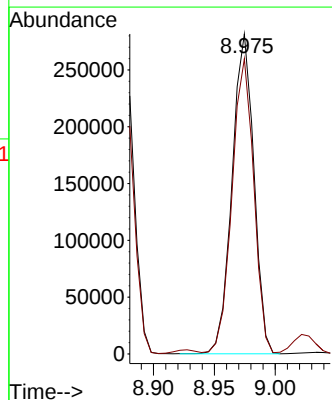
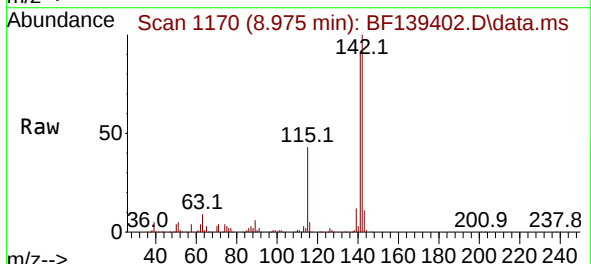
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

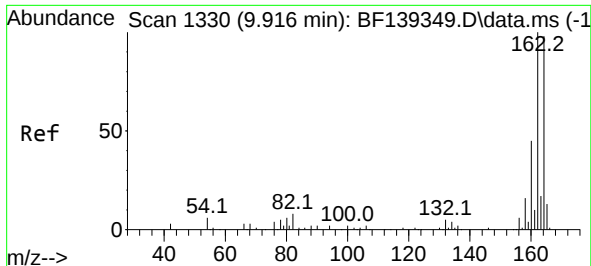
Tgt Ion:142 Resp: 380585
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4



#38
1-Methylnaphthalene
Concen: 45.407 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:142 Resp: 351173
Ion Ratio Lower Upper
142 100
141 92.3 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: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

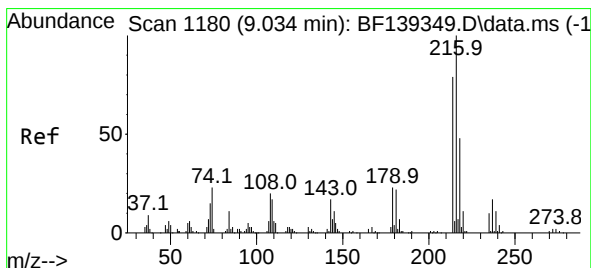
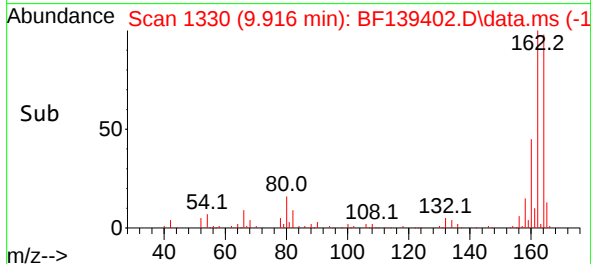
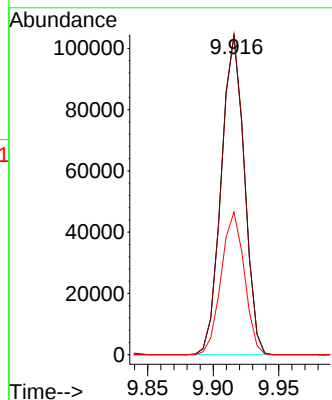
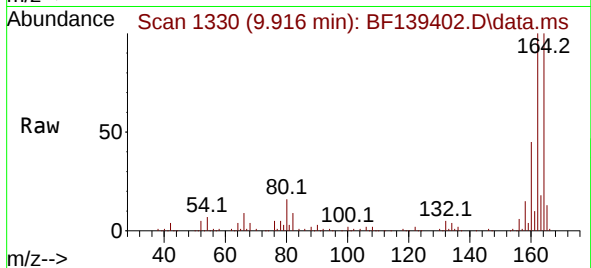
Tgt Ion:164 Resp: 127420

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

160 44.8 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.029 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Tgt Ion:216 Resp: 185150

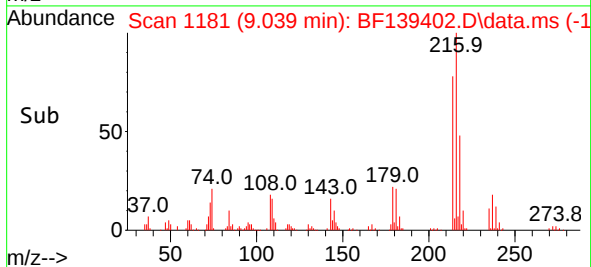
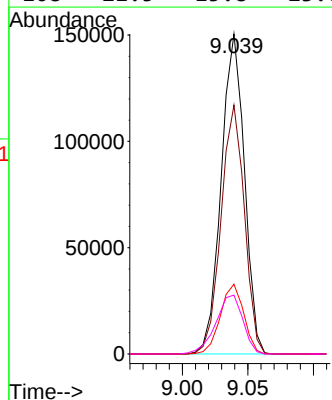
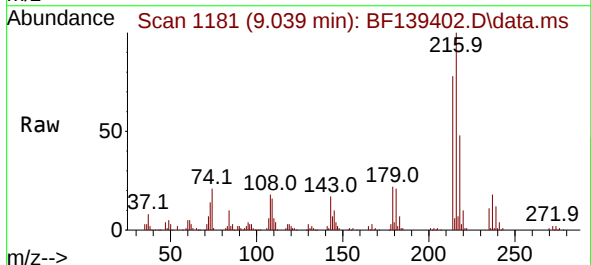
Ion Ratio Lower Upper

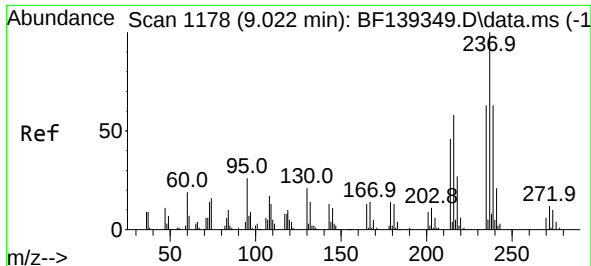
216 100

214 78.0 63.4 95.0

179 22.0 18.2 27.2

108 21.5 15.8 23.6

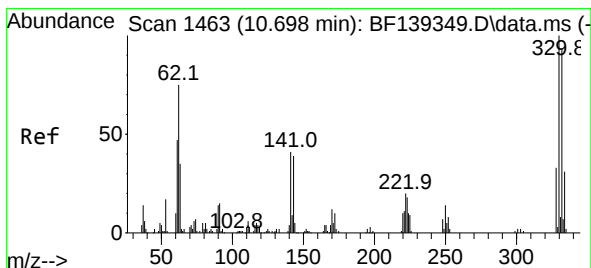
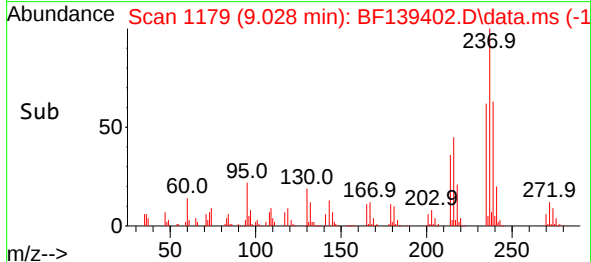
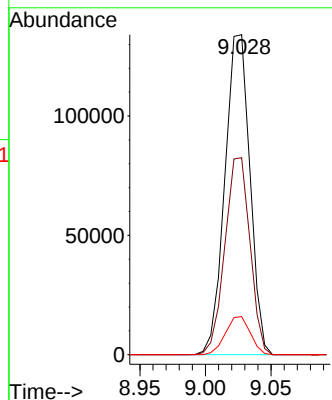
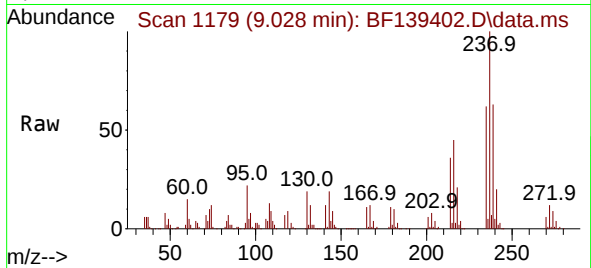




#41
Hexachlorocyclopentadiene
Concen: 135.306 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

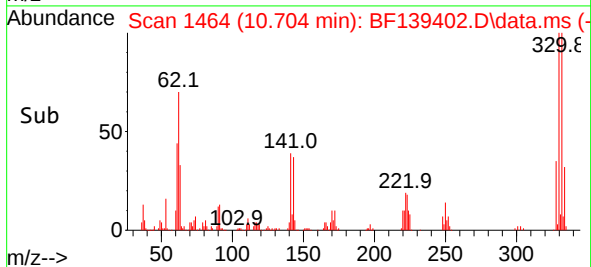
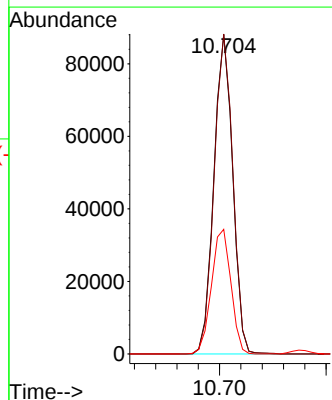
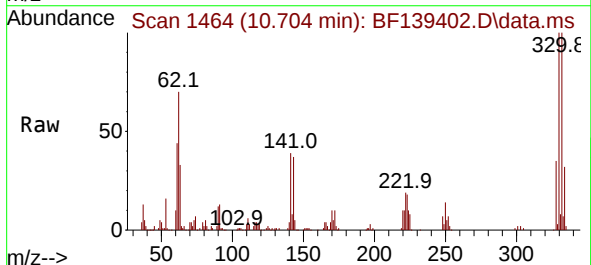
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

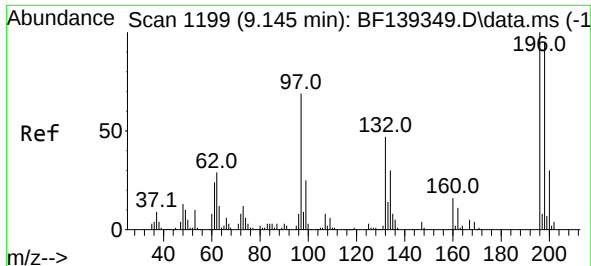
Tgt Ion:237 Resp: 178406
Ion Ratio Lower Upper
237 100
235 61.5 42.7 82.7
272 11.9 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 79.566 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:330 Resp: 107934
Ion Ratio Lower Upper
330 100
332 99.8 75.2 112.8
141 40.5 31.2 46.8

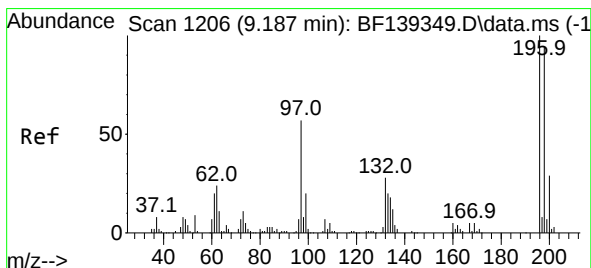
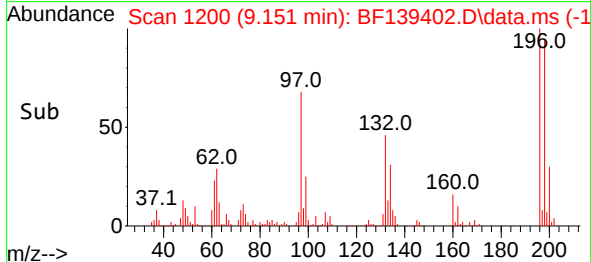
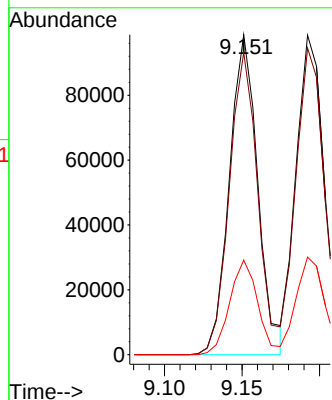
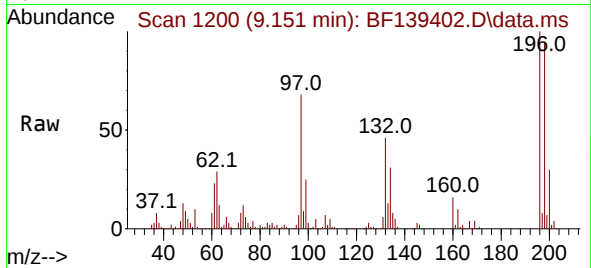




#43
2,4,6-Trichlorophenol
Concen: 51.183 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

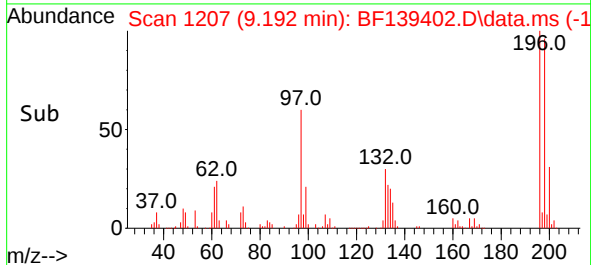
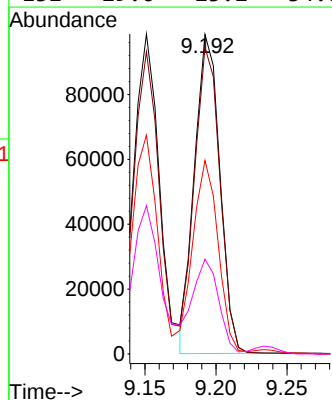
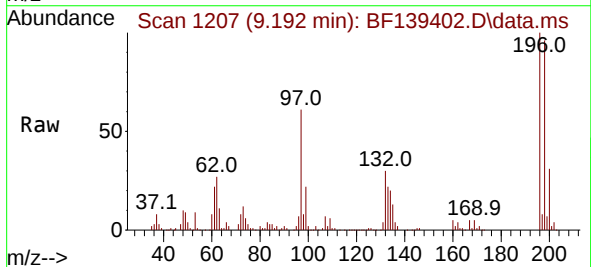
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

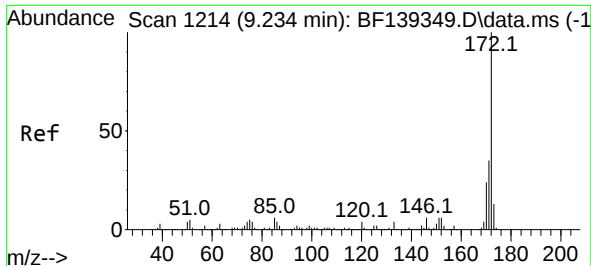
Tgt Ion:196 Resp: 125751
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.6
200 29.6 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 47.248 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:196 Resp: 122448
Ion Ratio Lower Upper
196 100
198 96.0 74.8 112.2
97 60.6 47.3 70.9
132 29.6 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 61.127 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

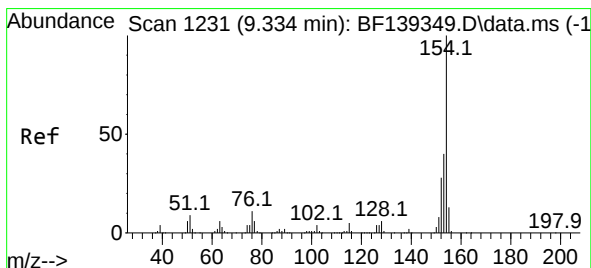
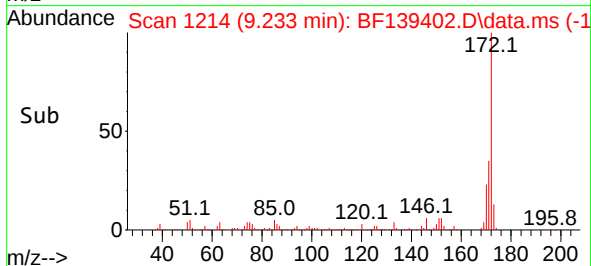
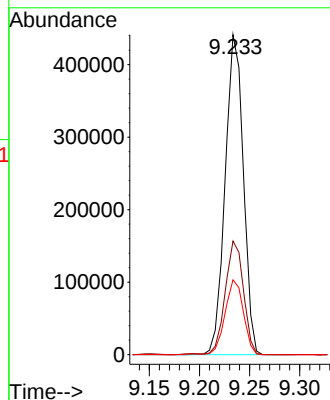
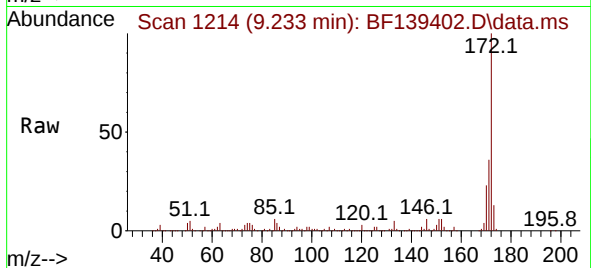
Tgt Ion:172 Resp: 555340

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 48.265 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

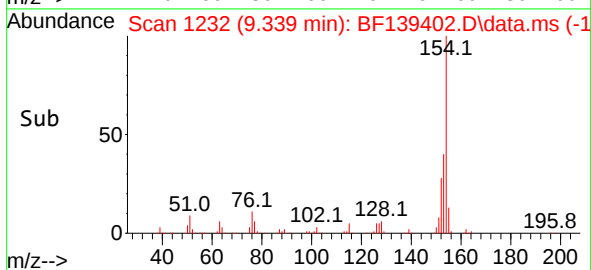
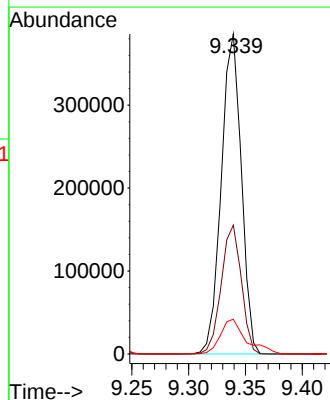
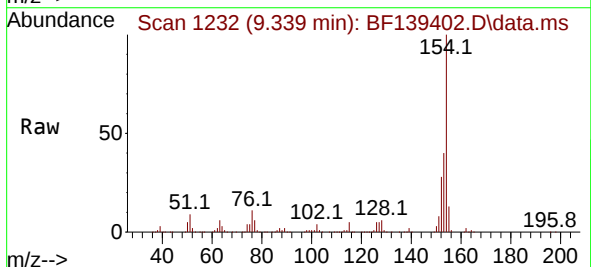
Tgt Ion:154 Resp: 473127

Ion Ratio Lower Upper

154 100

153 40.3 20.1 60.1

76 10.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 47.375 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

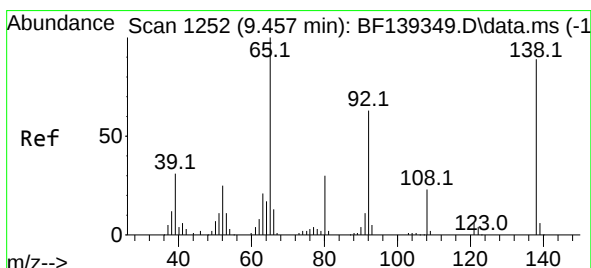
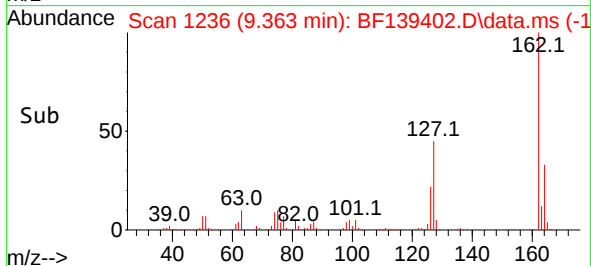
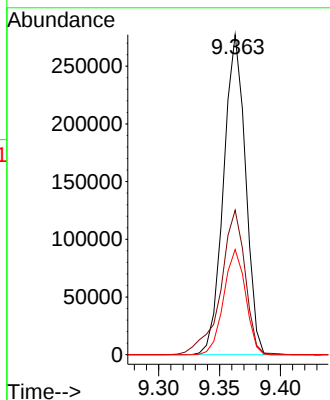
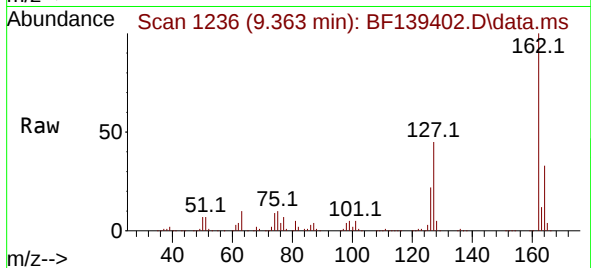
Tgt Ion:162 Resp: 347237

Ion Ratio Lower Upper

162 100

127 45.1 35.0 52.4

164 32.9 25.8 38.6



#48

2-Nitroaniline

Concen: 48.486 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

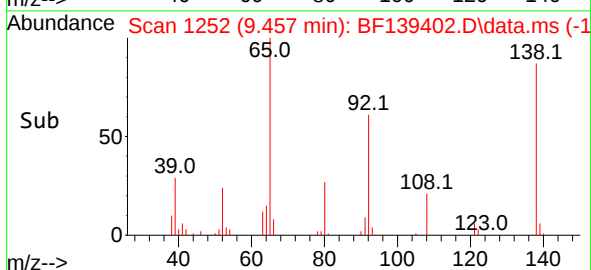
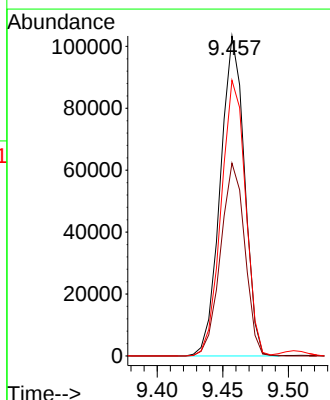
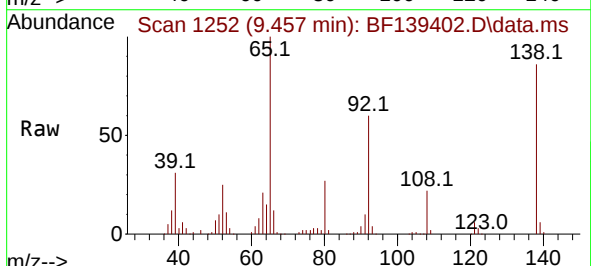
Tgt Ion: 65 Resp: 132183

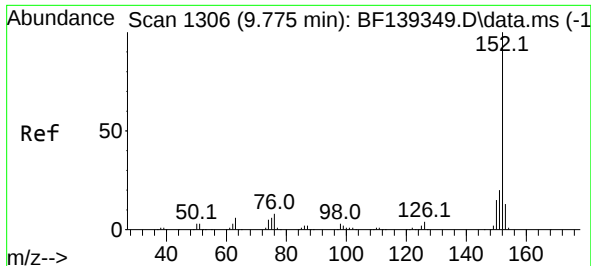
Ion Ratio Lower Upper

65 100

92 60.2 50.3 75.5

138 86.1 71.3 106.9





#49

Acenaphthylene

Concen: 50.991 ng

RT: 9.780 min Scan# 11

Delta R.T. 0.005 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

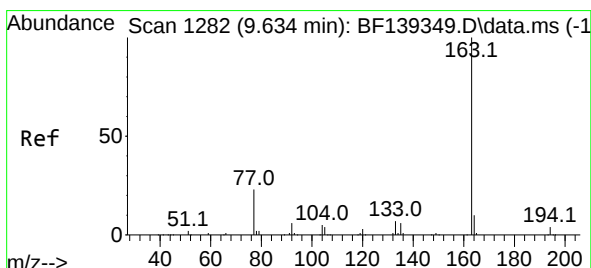
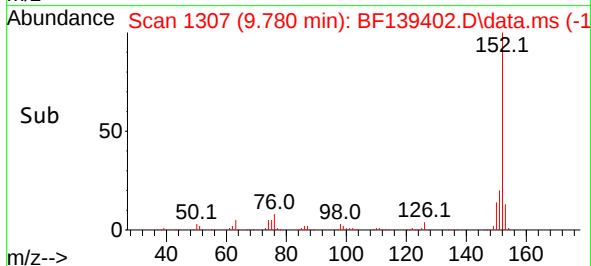
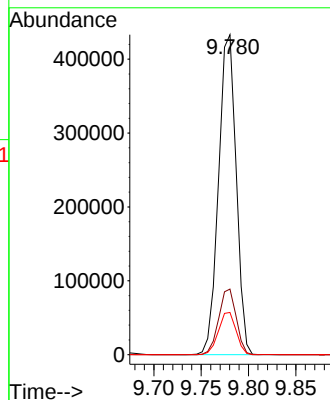
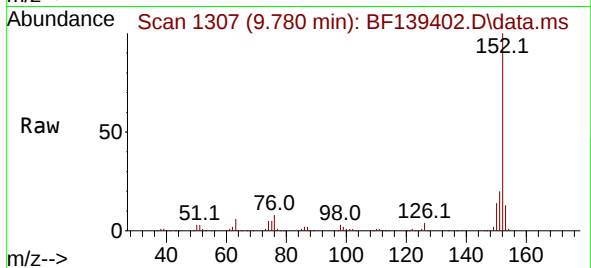
Tgt Ion:152 Resp: 562594

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 49.315 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

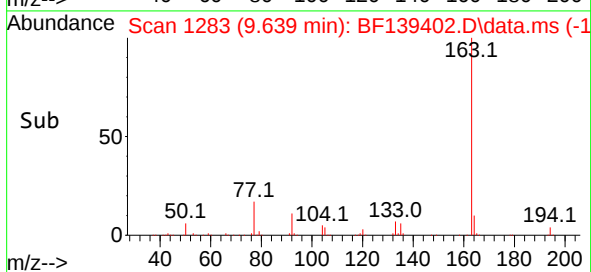
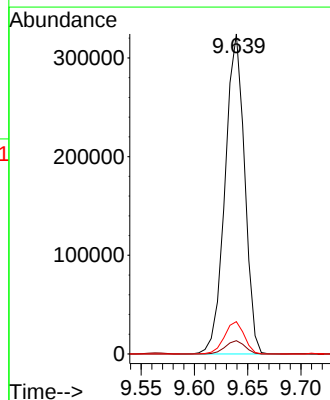
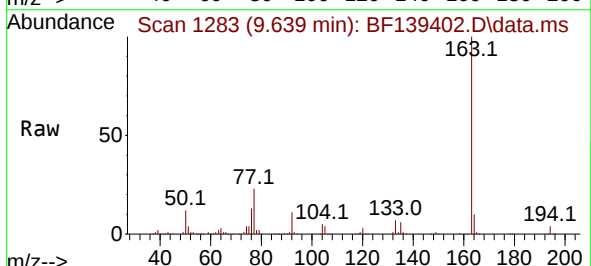
Tgt Ion:163 Resp: 412429

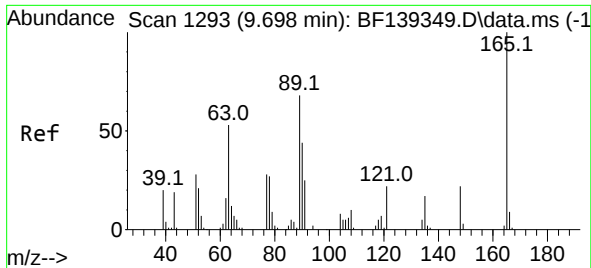
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.1 8.2 12.2

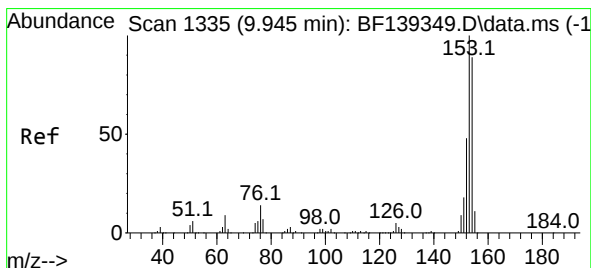
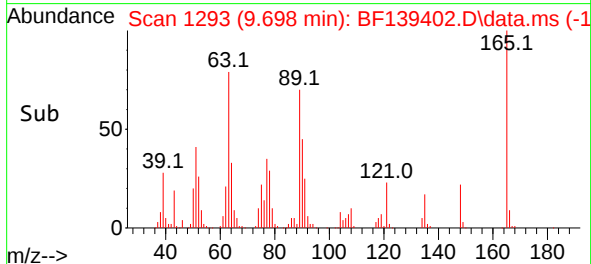
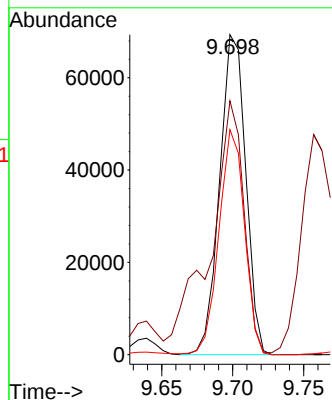
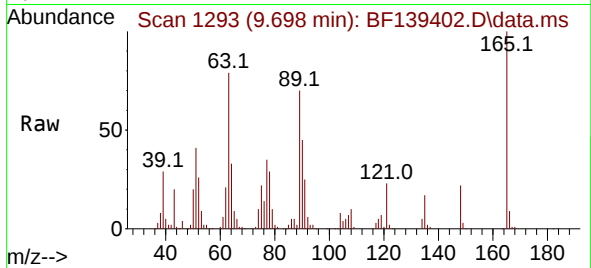




#51
2,6-Dinitrotoluene
Concen: 47.751 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

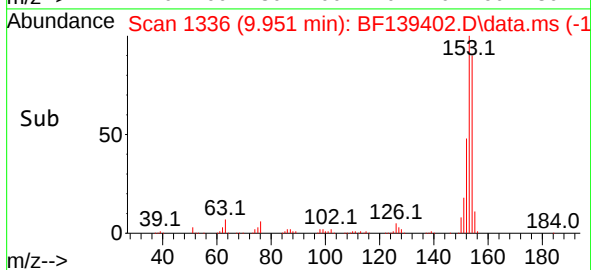
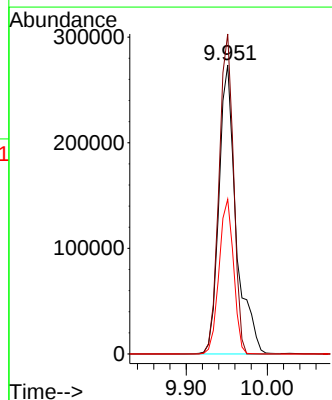
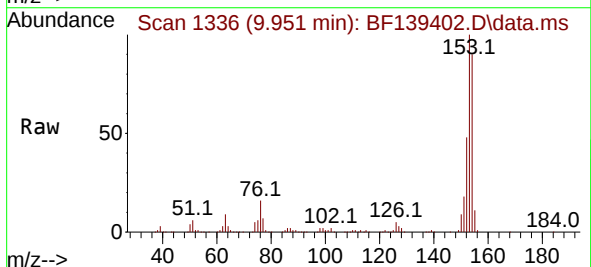
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

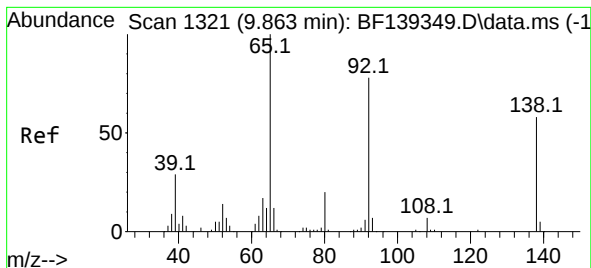
Tgt Ion:165 Resp: 88467
Ion Ratio Lower Upper
165 100
63 79.3 60.9 91.3
89 70.3 54.7 82.1



#52
Acenaphthene
Concen: 52.390 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:154 Resp: 403419
Ion Ratio Lower Upper
154 100
153 110.8 89.5 134.3
152 53.6 42.6 64.0





#53

3-Nitroaniline

Concen: 26.910 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

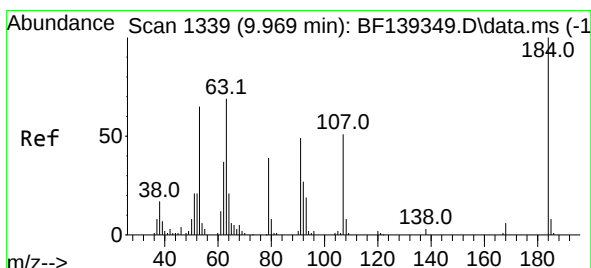
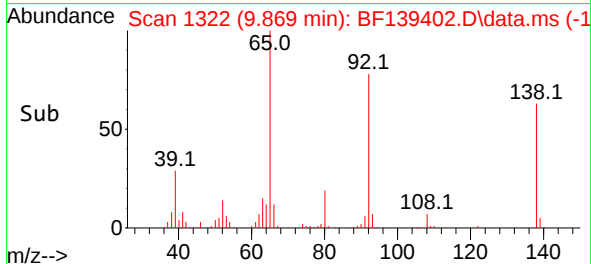
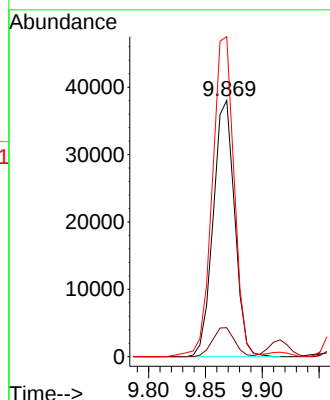
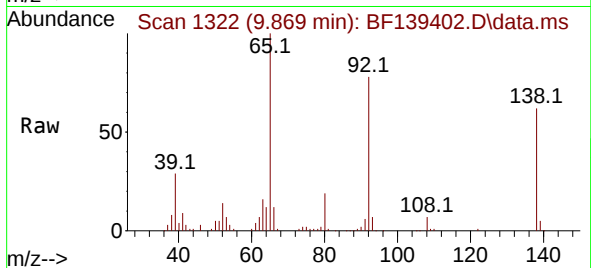
Tgt Ion:138 Resp: 49825

Ion Ratio Lower Upper

138 100

108 11.3 9.8 14.8

92 124.9 107.4 161.2



#54

2,4-Dinitrophenol

Concen: 84.081 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

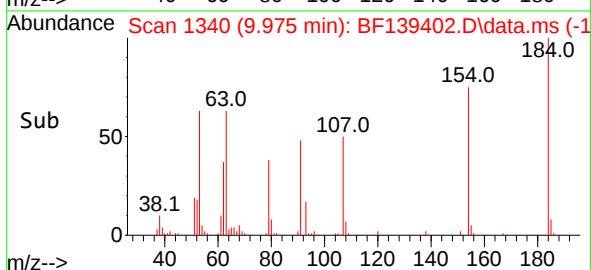
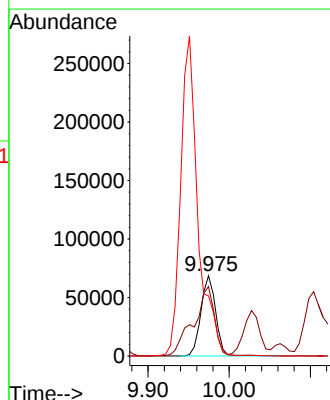
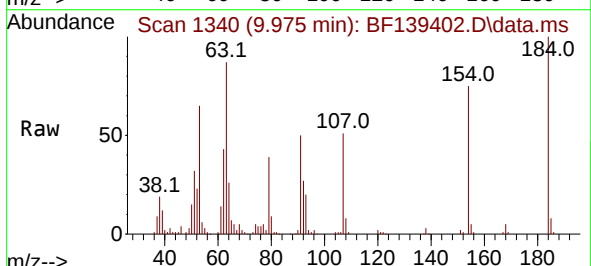
Tgt Ion:184 Resp: 86802

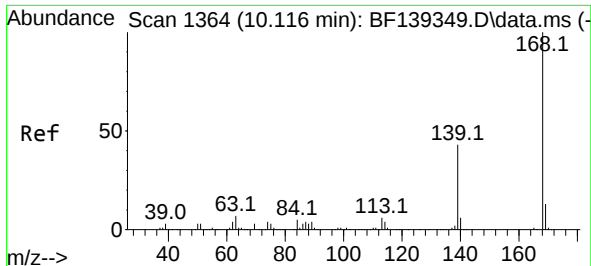
Ion Ratio Lower Upper

184 100

63 86.5 69.3 103.9

154 75.0 67.5 101.3

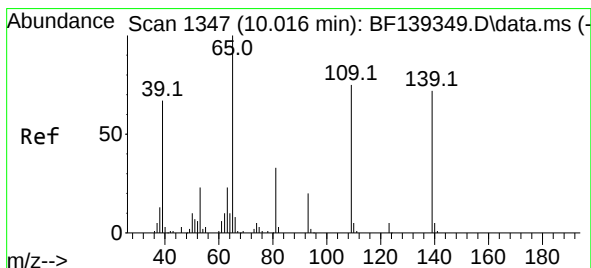
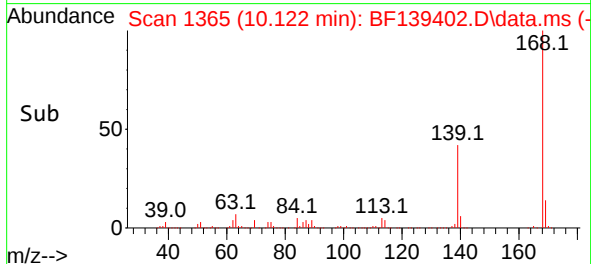
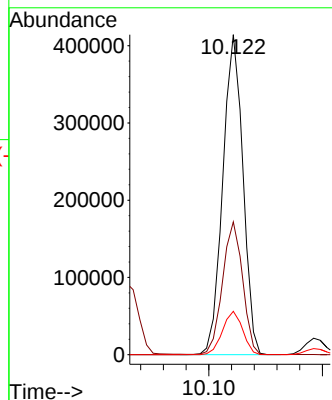
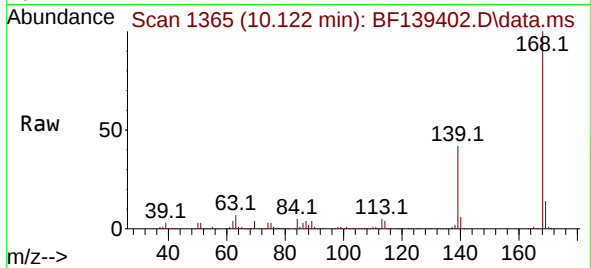




#55
Dibenzenofuran
Concen: 47.525 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

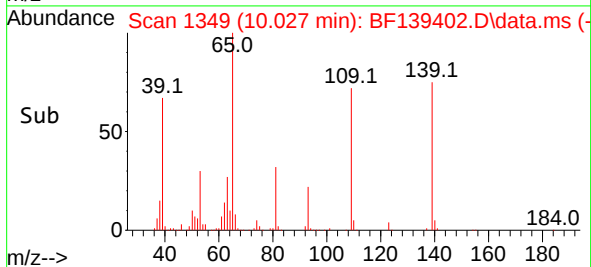
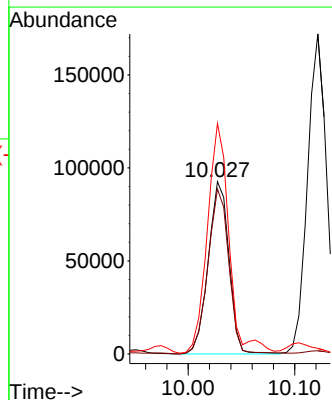
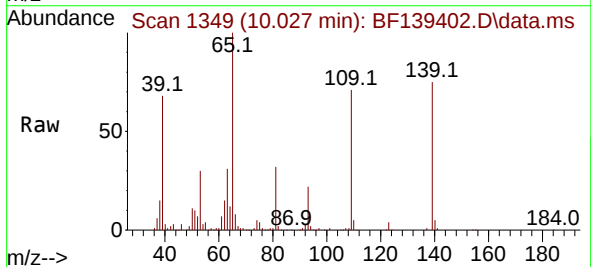
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

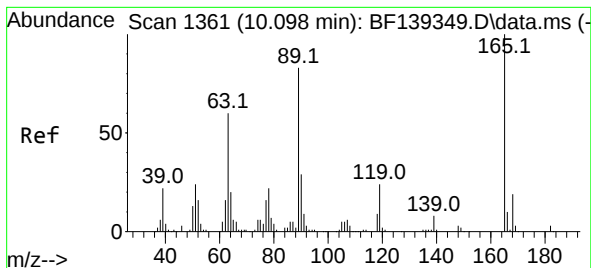
Tgt Ion:168 Resp: 510073
Ion Ratio Lower Upper
168 100
139 41.5 34.1 51.1
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 81.908 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:139 Resp: 125488
Ion Ratio Lower Upper
139 100
109 95.7 84.1 124.1
65 133.8 120.0 160.0

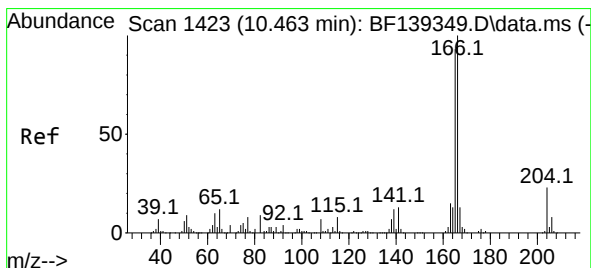
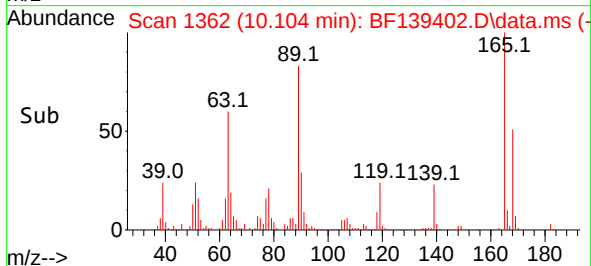
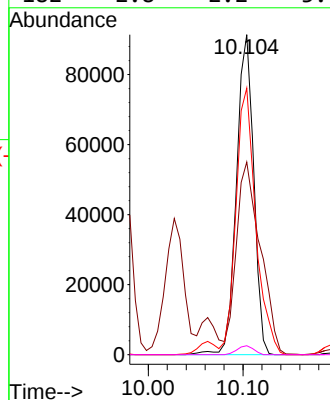
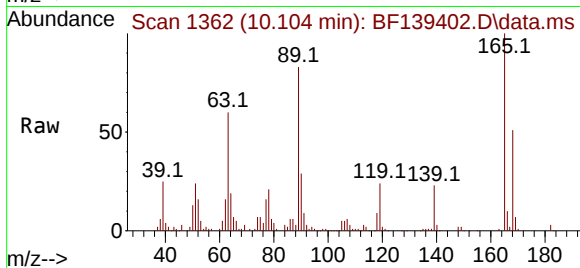




#57
2,4-Dinitrotoluene
Concen: 46.025 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

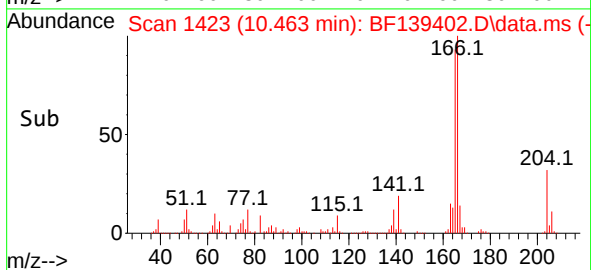
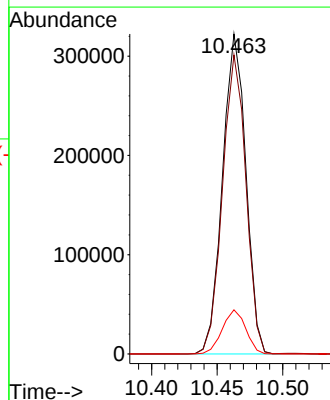
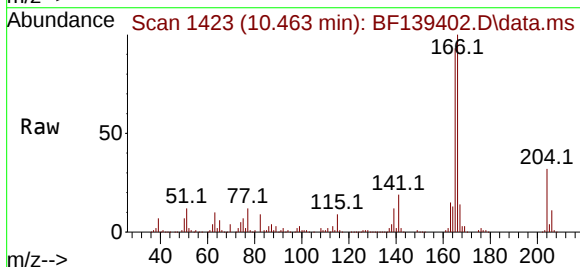
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion:165 Resp: 115122
Ion Ratio Lower Upper
165 100
63 60.2 47.8 71.6
89 83.3 66.7 100.1
182 2.8 2.2 3.4



#58
Fluorene
Concen: 45.651 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:166 Resp: 399763
Ion Ratio Lower Upper
166 100
165 93.4 74.5 111.7
167 13.8 10.6 16.0

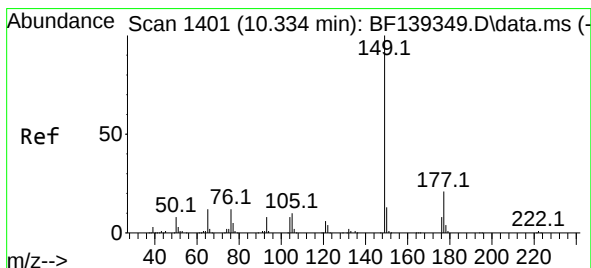
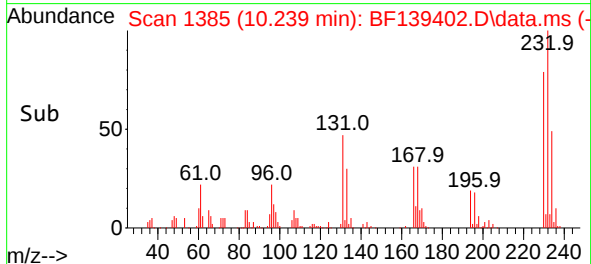
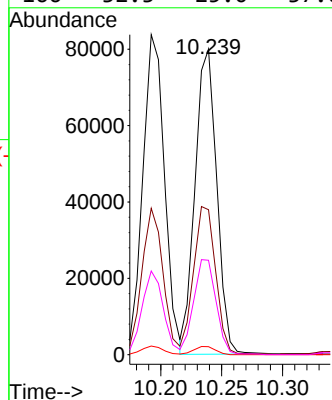
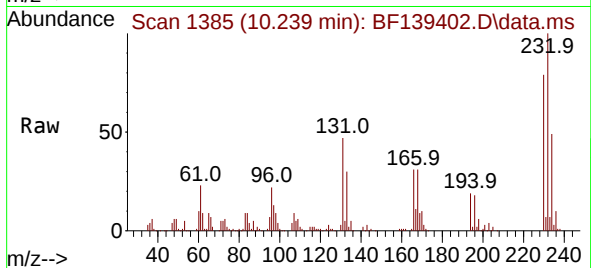




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.284 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

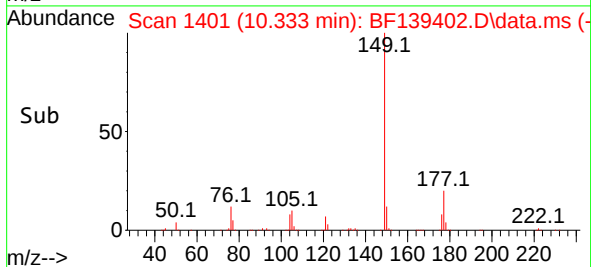
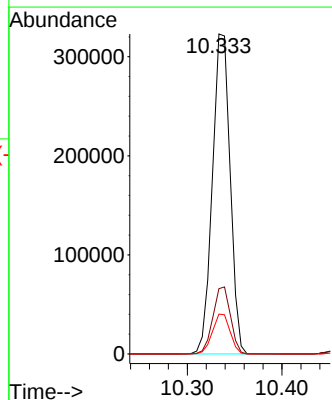
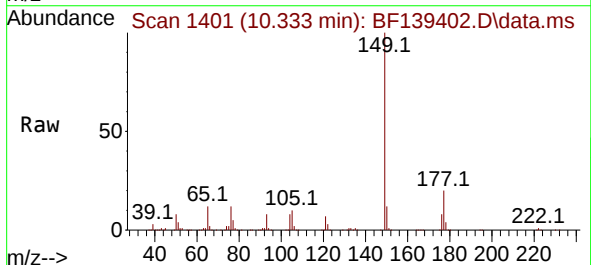
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

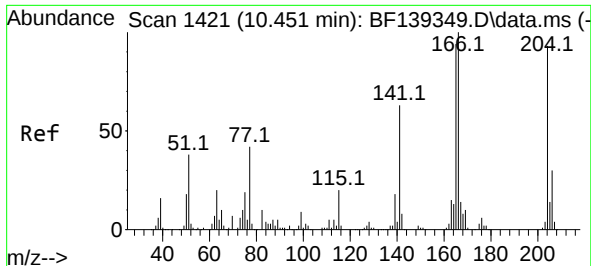
Tgt Ion:232 Resp: 99225
Ion Ratio Lower Upper
232 100
131 50.1 40.7 61.1
130 2.7 2.2 3.2
166 32.3 25.0 37.6



#60
Diethylphthalate
Concen: 48.892 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:149 Resp: 421960
Ion Ratio Lower Upper
149 100
177 20.4 16.6 24.8
150 12.5 10.6 15.8

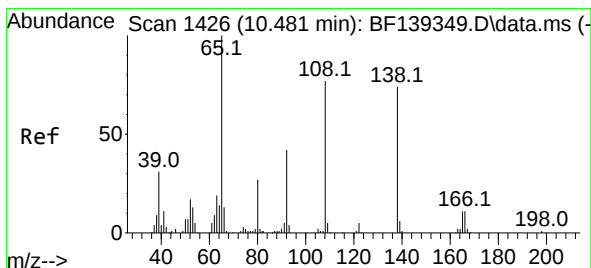
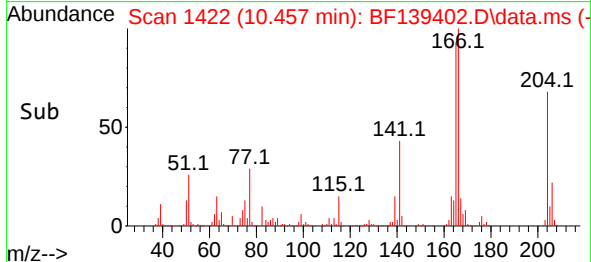
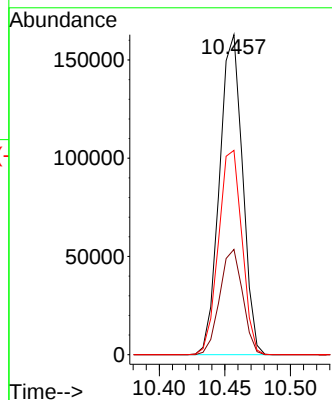
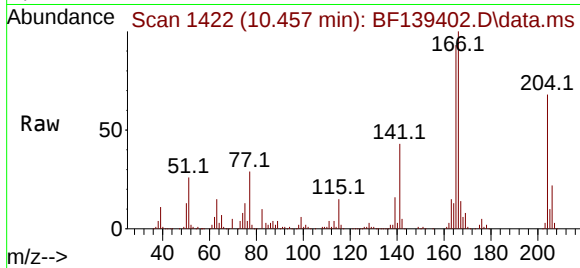




#61
4-Chlorophenyl-phenylether
Concen: 46.726 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

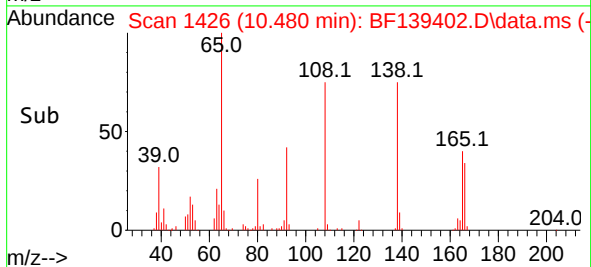
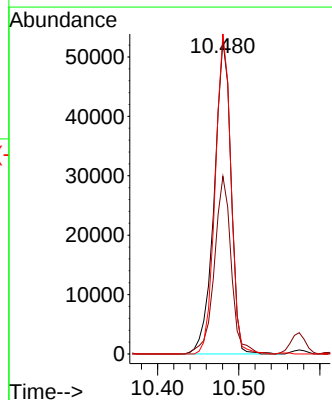
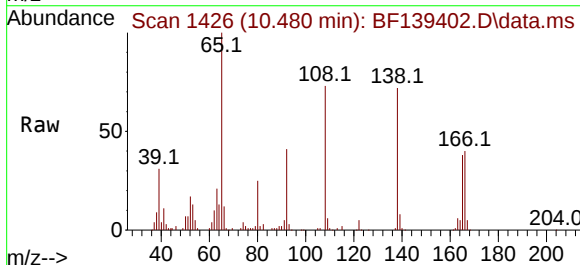
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

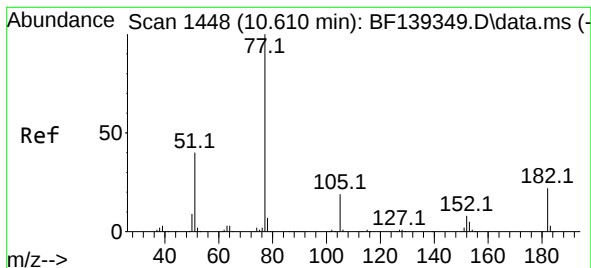
Tgt Ion:204 Resp: 198855
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 63.8 53.9 80.9



#62
4-Nitroaniline
Concen: 37.670 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:138 Resp: 76121
Ion Ratio Lower Upper
138 100
92 56.7 37.0 77.0
108 102.1 84.4 124.4





#63

Azobenzene

Concen: 51.068 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

Tgt Ion: 77 Resp: 433488

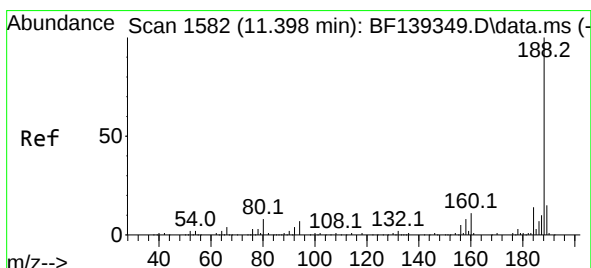
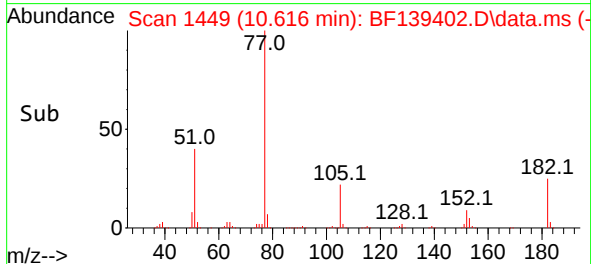
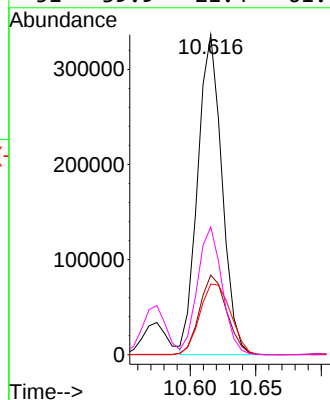
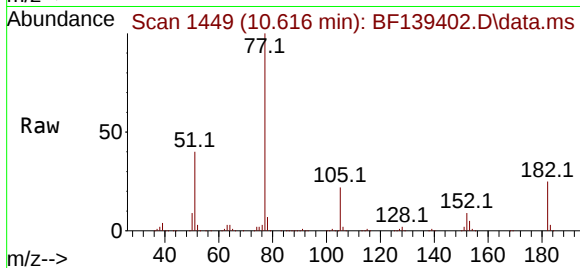
Ion Ratio Lower Upper

77 100

182 24.9 1.8 41.8

105 22.0 0.0 38.6

51 39.9 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: BF139402.D

Acq: 17 Sep 2024 15:13

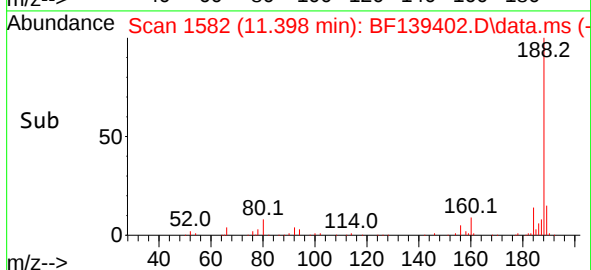
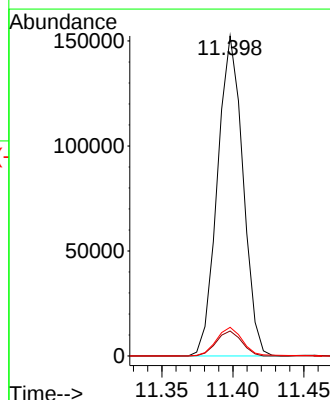
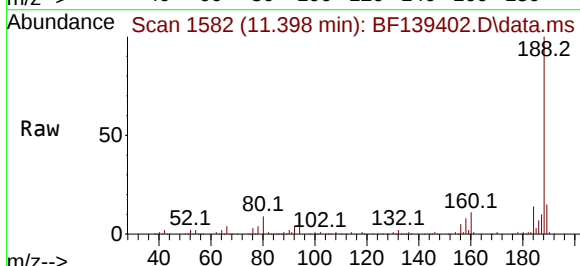
Tgt Ion:188 Resp: 190204

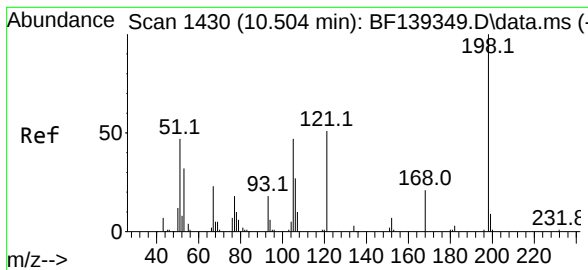
Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 9.0 6.6 9.8

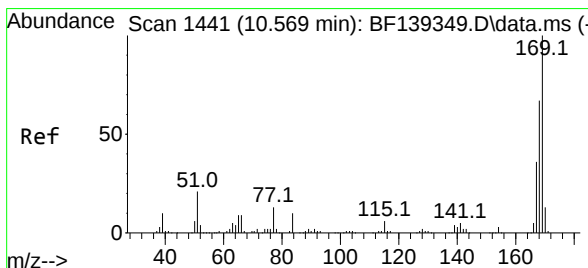
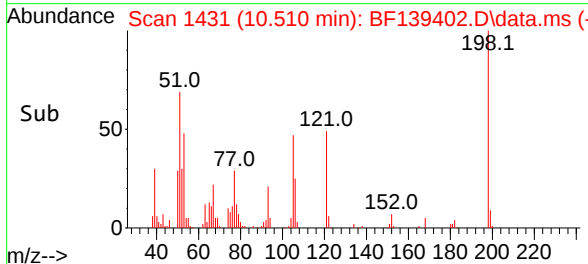
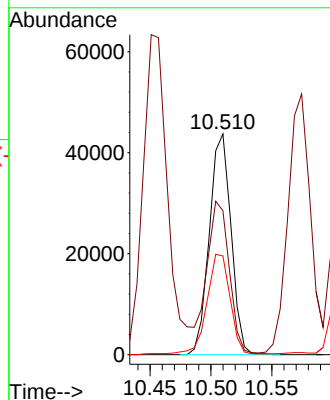
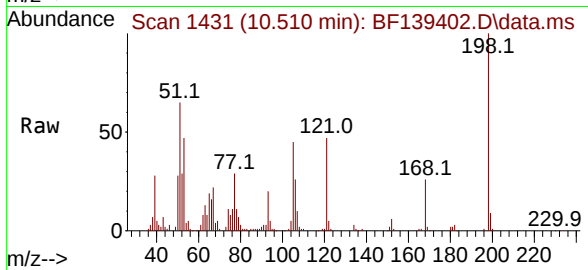




#65
4,6-Dinitro-2-methylphenol
Concen: 53.844 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

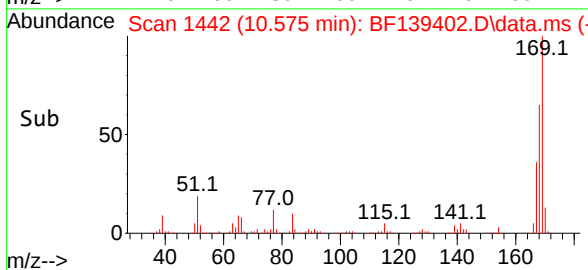
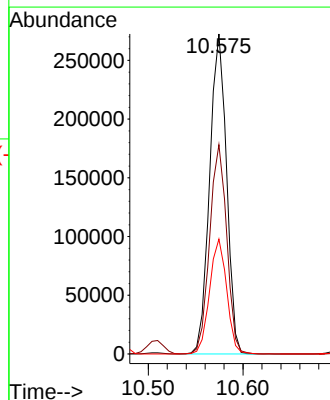
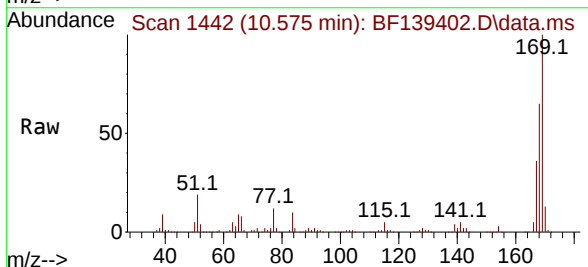
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

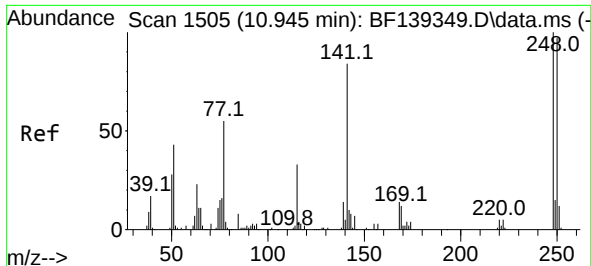
Tgt Ion:198 Resp: 54052
Ion Ratio Lower Upper
198 100
51 65.2 50.4 90.4
105 44.7 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 60.525 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:169 Resp: 336572
Ion Ratio Lower Upper
169 100
168 65.4 53.6 80.4
167 35.9 28.7 43.1

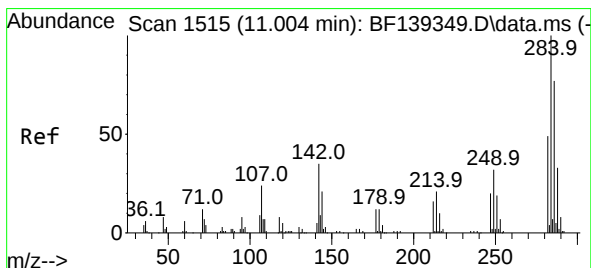
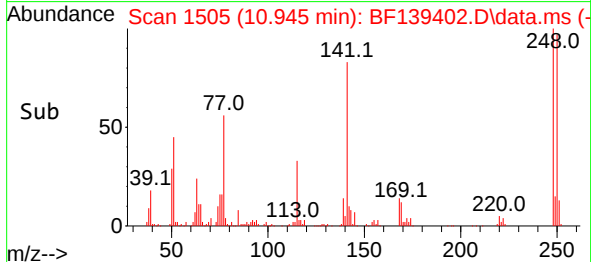
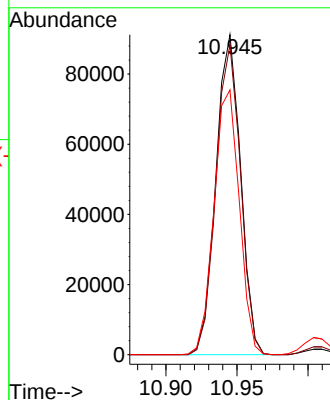
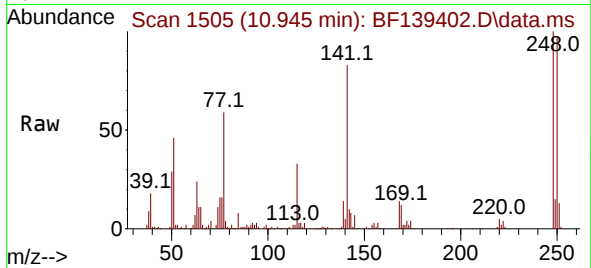




#67
4-Bromophenyl-phenylether
Concen: 58.602 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

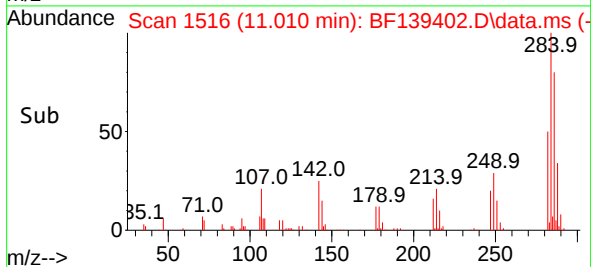
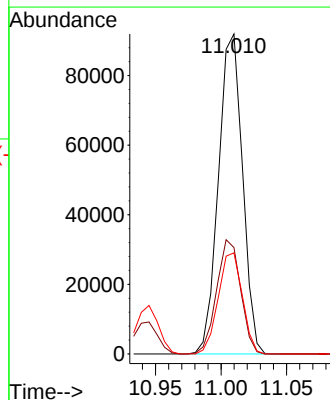
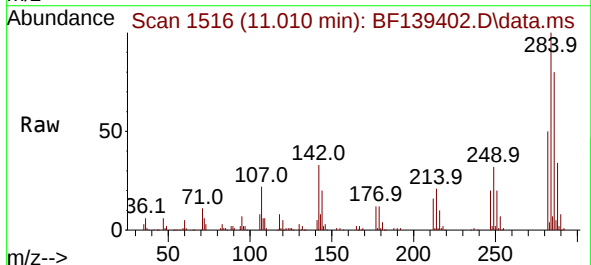
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion:248 Resp: 110457
Ion Ratio Lower Upper
248 100
250 96.8 77.6 116.4
141 82.7 66.9 100.3



#68
Hexachlorobenzene
Concen: 52.975 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:284 Resp: 117187
Ion Ratio Lower Upper
284 100
142 33.2 28.0 42.0
249 31.6 25.3 37.9





#69

Atrazine

Concen: 74.758 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

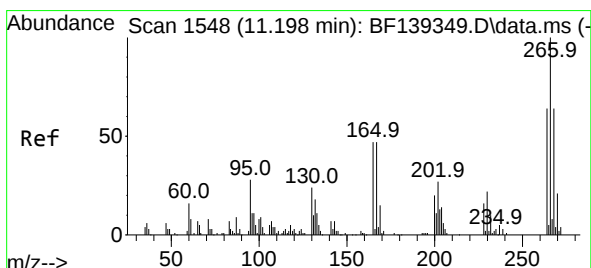
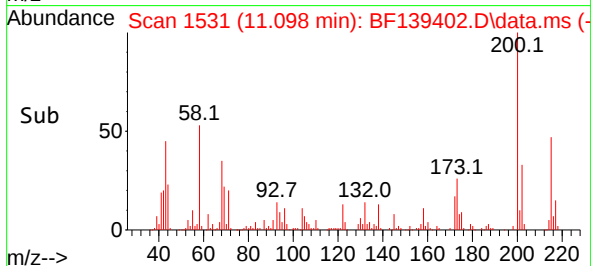
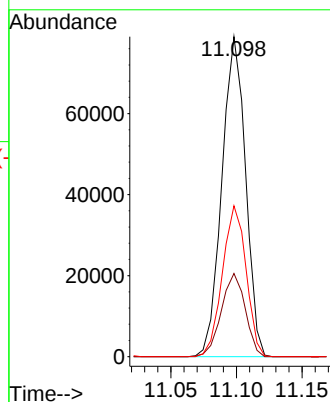
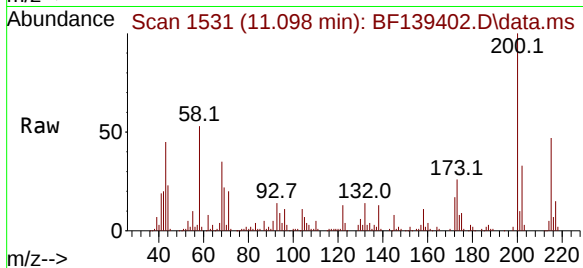
Tgt Ion:200 Resp: 98971

Ion Ratio Lower Upper

200 100

173 26.0 6.1 46.1

215 47.2 28.2 68.2



#70

Pentachlorophenol

Concen: 92.327 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

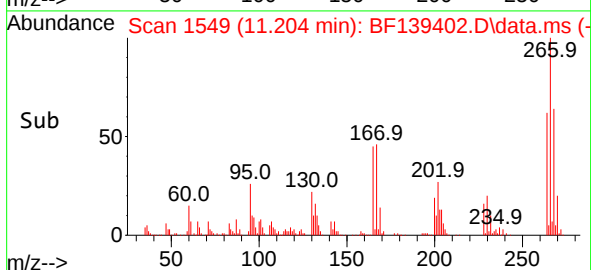
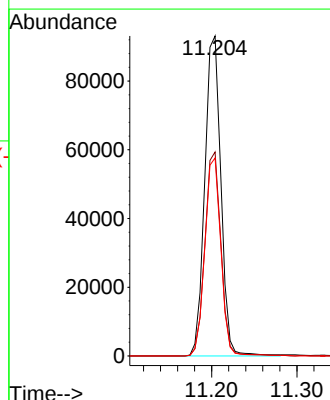
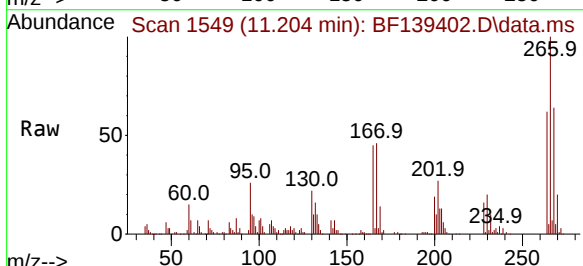
Tgt Ion:266 Resp: 122553

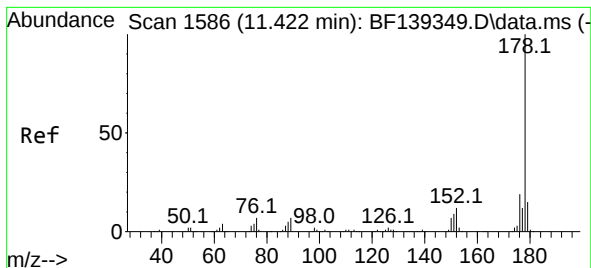
Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

264 61.9 51.4 77.0





#71

Phenanthrene

Concen: 51.711 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

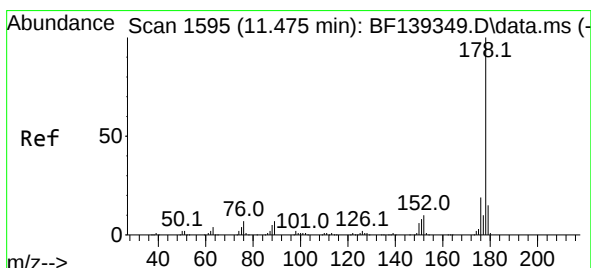
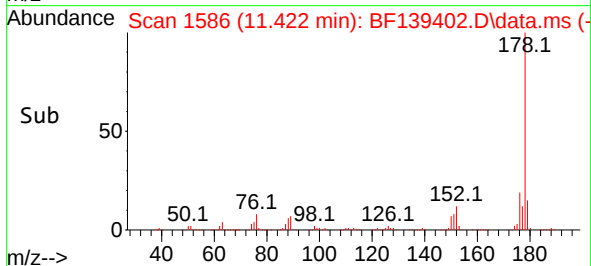
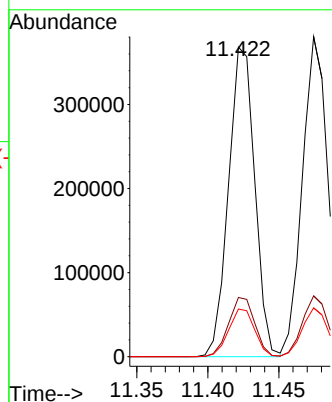
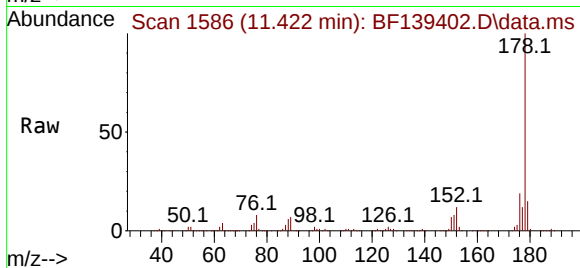
Tgt Ion:178 Resp: 474526

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 52.426 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

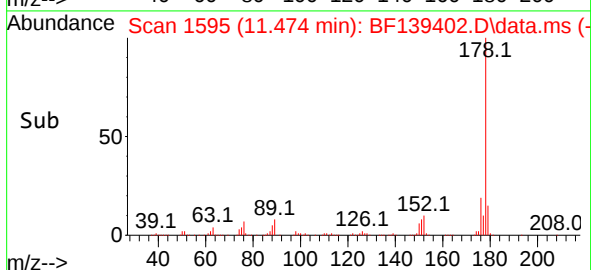
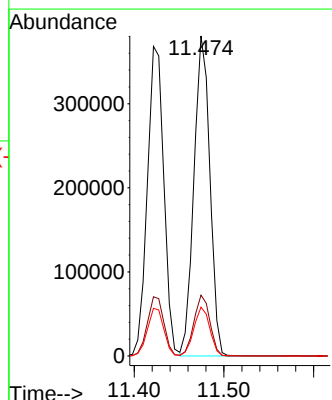
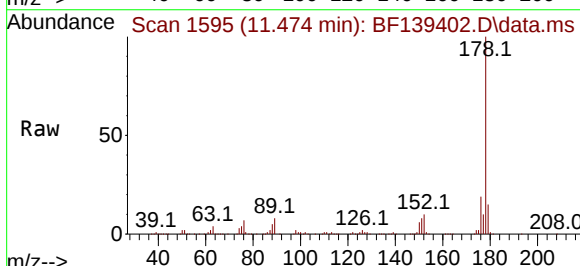
Tgt Ion:178 Resp: 470368

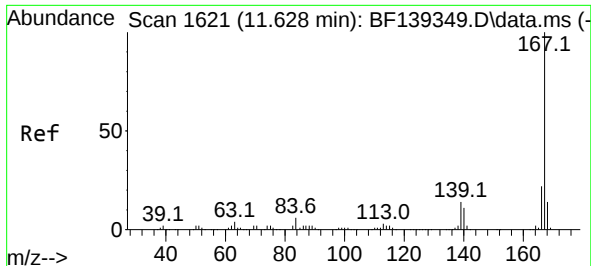
Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

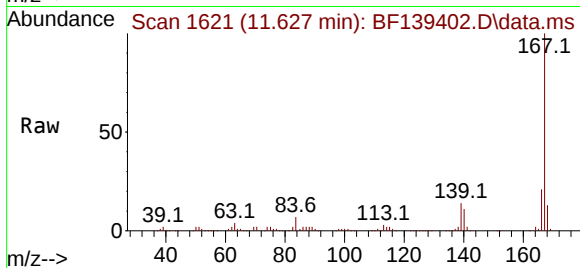
179 15.3 12.0 18.0



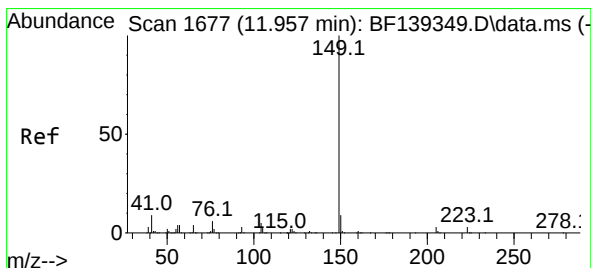
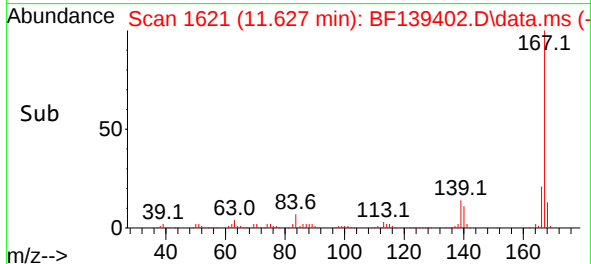
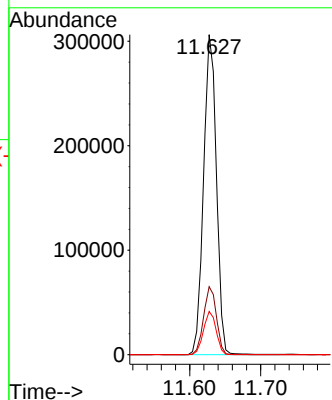


#73
 Carbazole
 Concen: 44.993 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF139402.D
 Acq: 17 Sep 2024 15:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

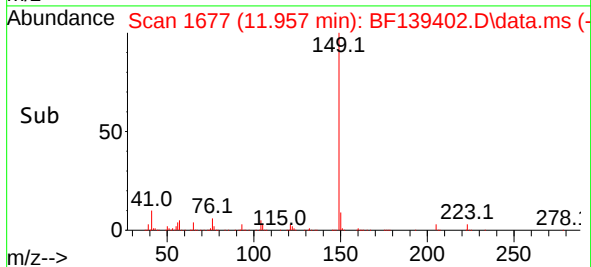
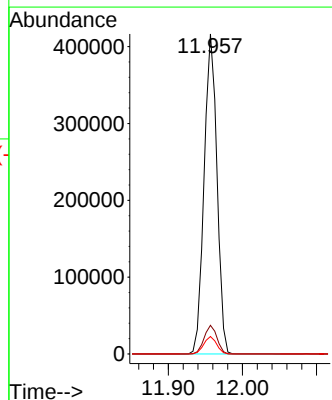
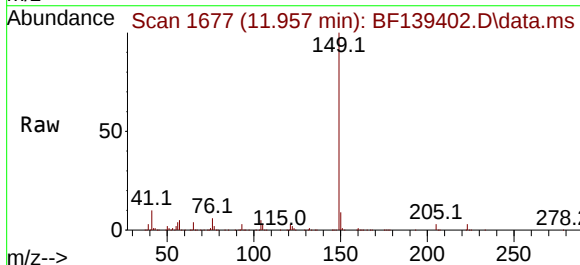


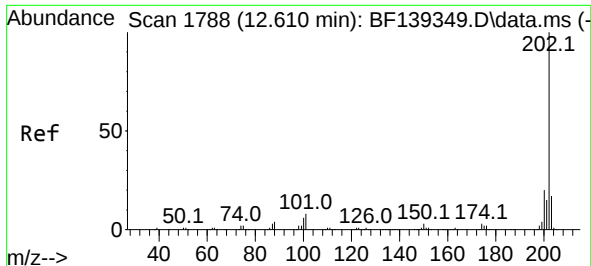
Tgt Ion:167 Resp: 386366
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.5 26.3
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 52.367 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139402.D
 Acq: 17 Sep 2024 15:13

Tgt Ion:149 Resp: 500935
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.4 4.3 6.5

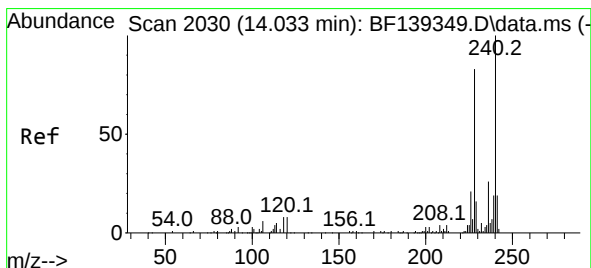
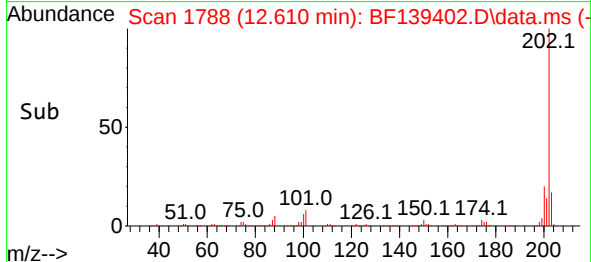
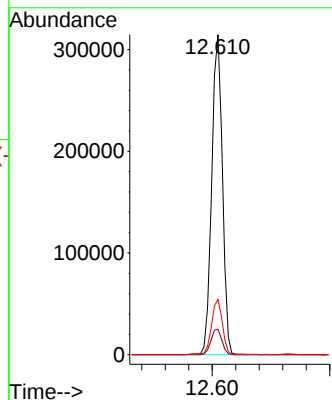
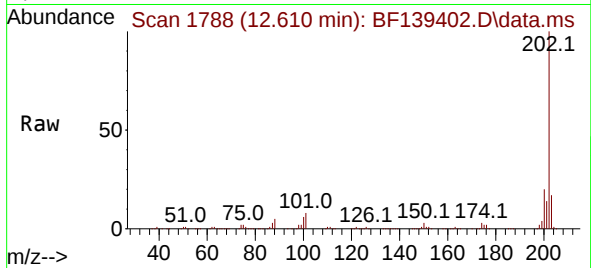




#75
Fluoranthene
Concen: 40.390 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

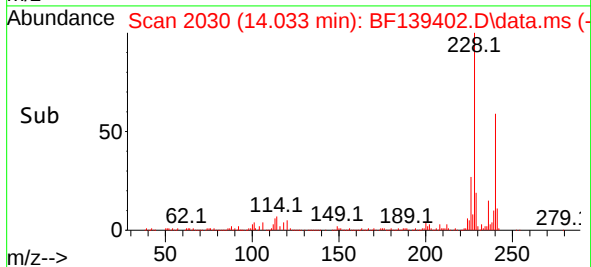
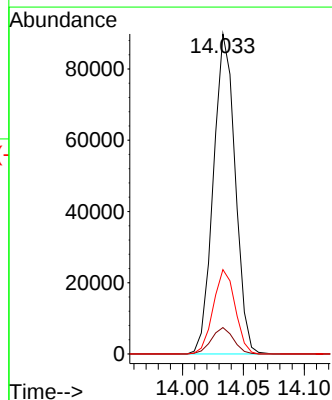
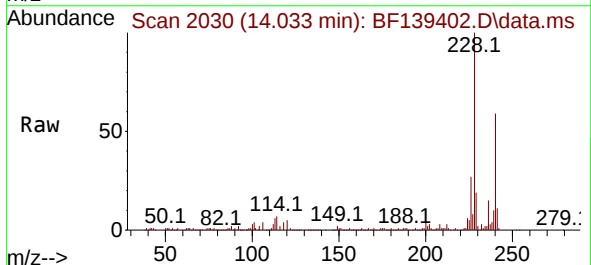
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

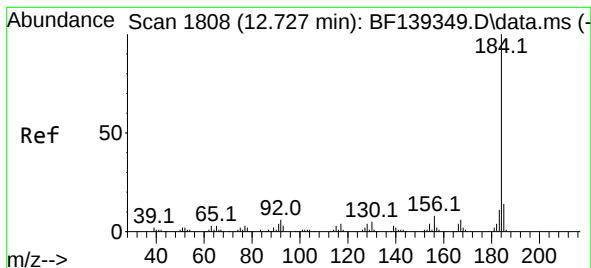
Tgt Ion:202 Resp: 395811
Ion Ratio Lower Upper
202 100
101 7.9 0.0 27.7
203 17.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:240 Resp: 112114
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.2
236 26.4 20.9 31.3





#77

Benzidine

Concen: 71.324 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

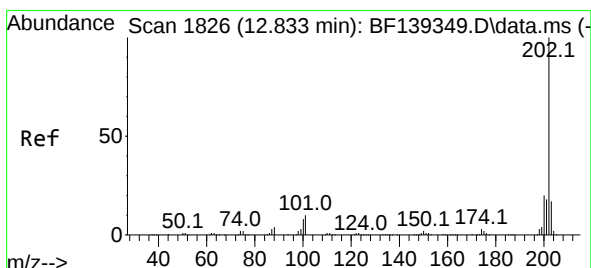
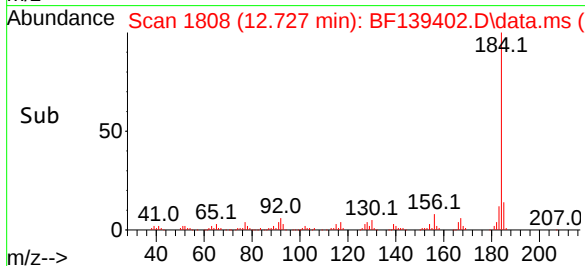
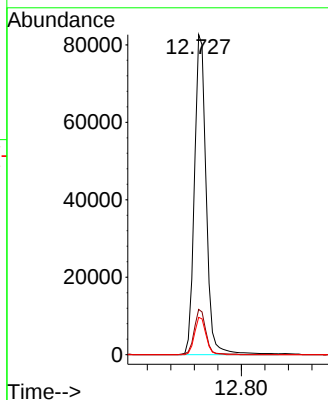
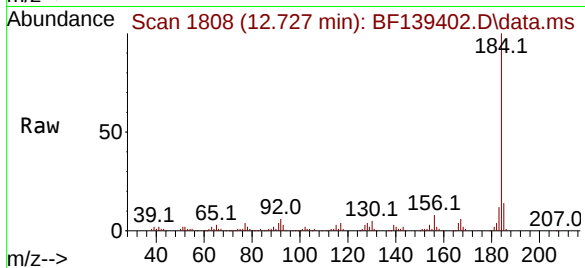
Tgt Ion:184 Resp: 114565

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

183 11.6 8.9 13.3



#78

Pyrene

Concen: 41.374 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

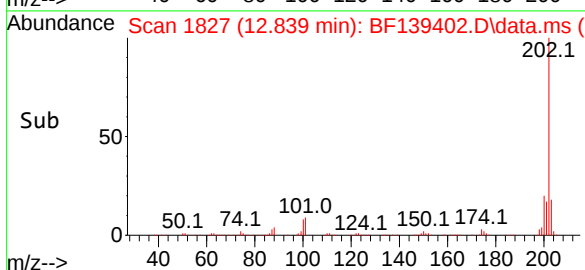
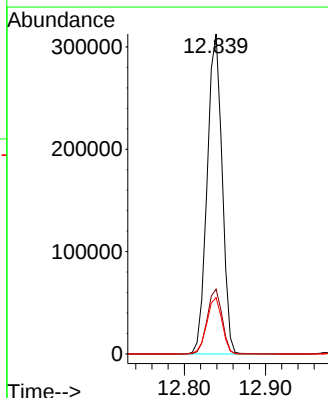
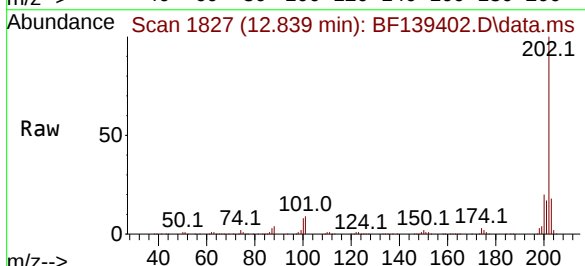
Tgt Ion:202 Resp: 398286

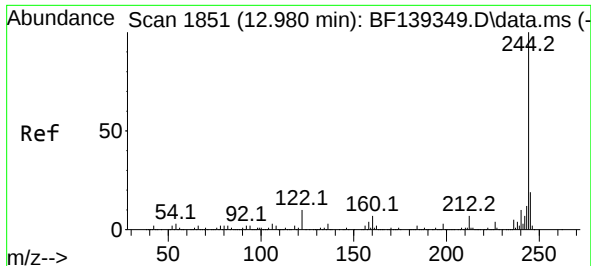
Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

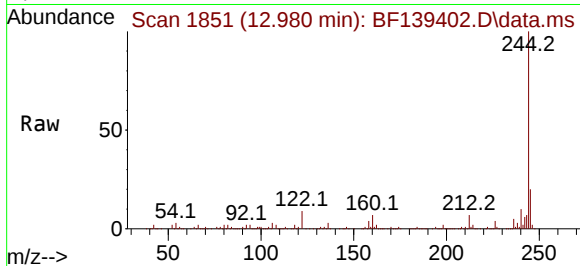
203 17.6 13.9 20.9



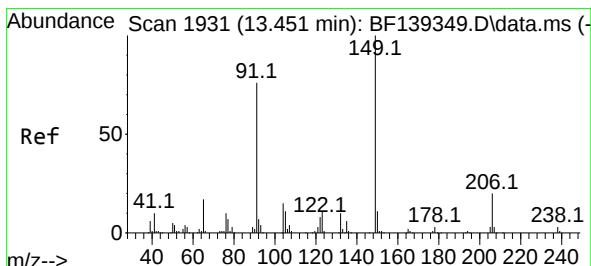
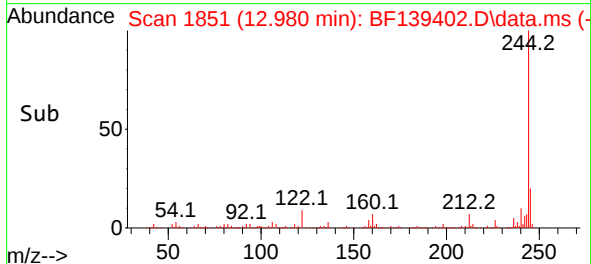
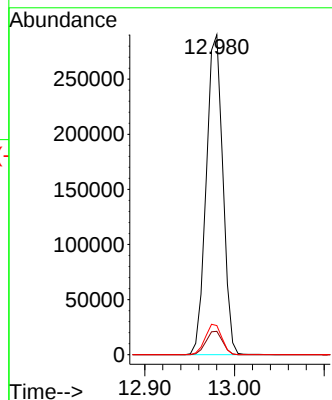


#79
 Terphenyl-d14
 Concen: 54.445 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139402.D
 Acq: 17 Sep 2024 15:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-7MSD

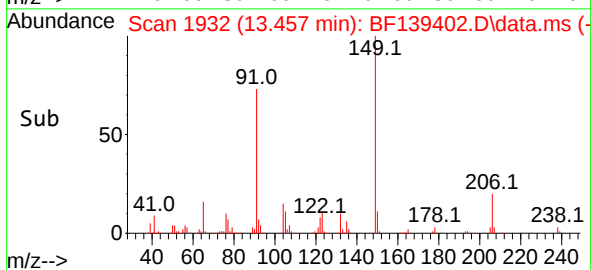
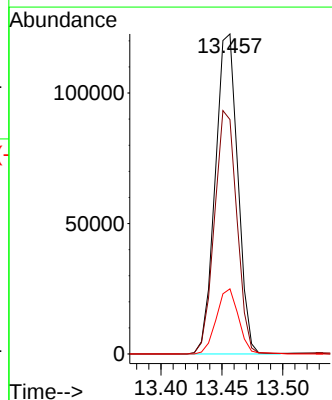
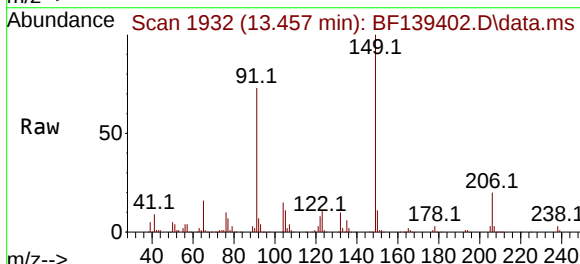


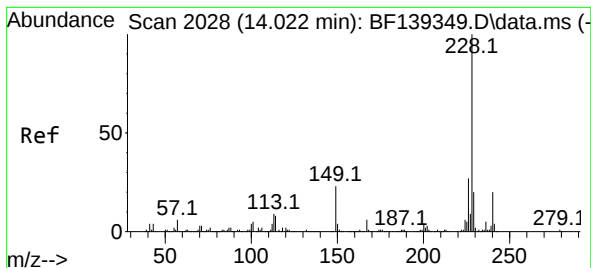
Tgt Ion:244 Resp: 371882
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.1 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 48.261 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: BF139402.D
 Acq: 17 Sep 2024 15:13

Tgt Ion:149 Resp: 158135
 Ion Ratio Lower Upper
 149 100
 91 73.2 60.9 91.3
 206 20.4 15.8 23.8





#81

Benzo(a)anthracene

Concen: 52.485 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

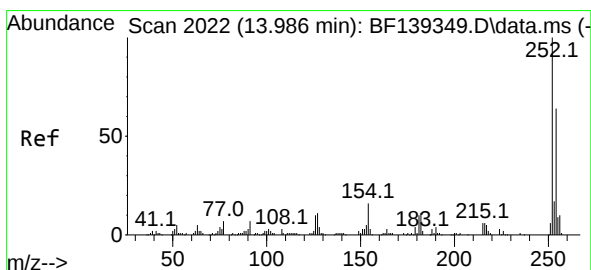
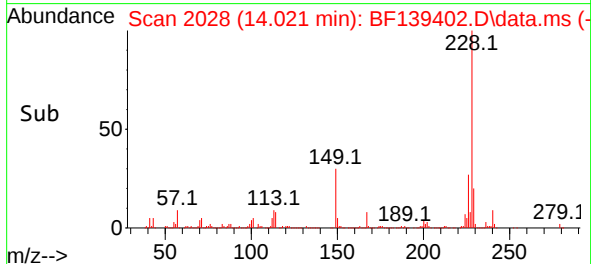
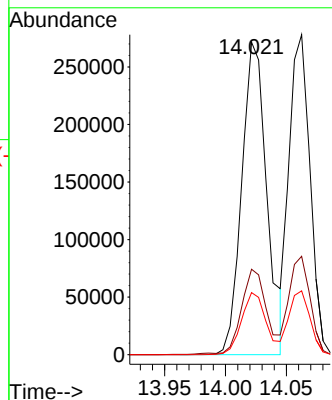
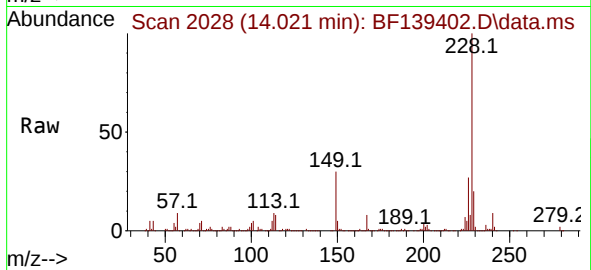
Tgt Ion:228 Resp: 389773

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 39.447 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

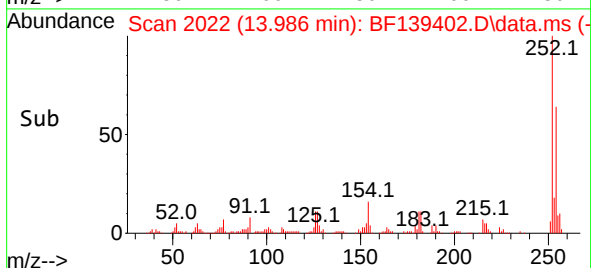
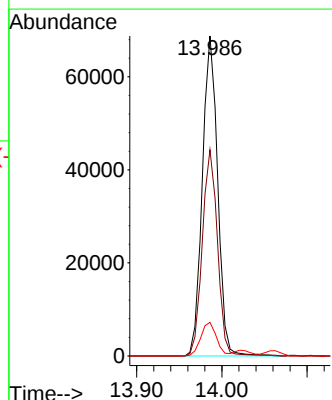
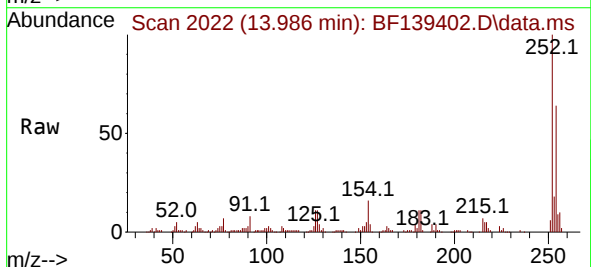
Tgt Ion:252 Resp: 85791

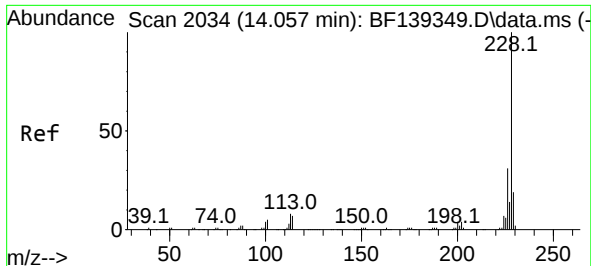
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

126 10.5 7.7 11.5





#83

Chrysene

Concen: 48.424 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

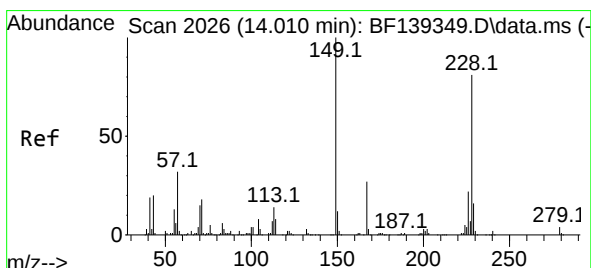
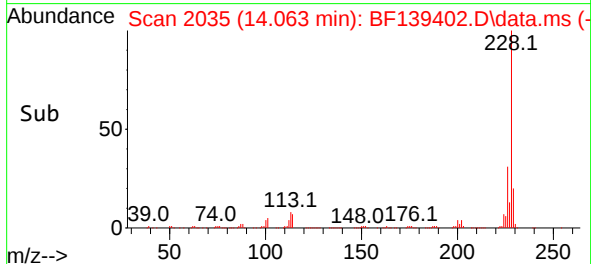
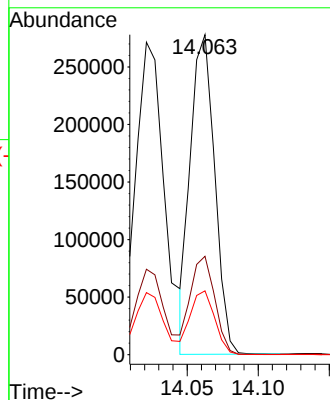
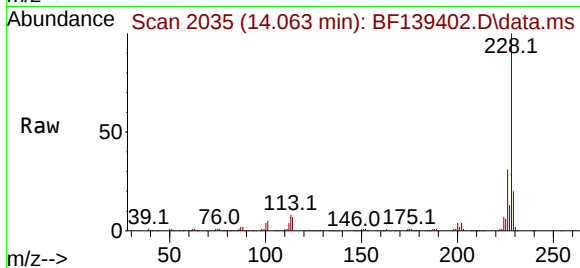
Tgt Ion:228 Resp: 330847

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

229 20.0 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.890 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

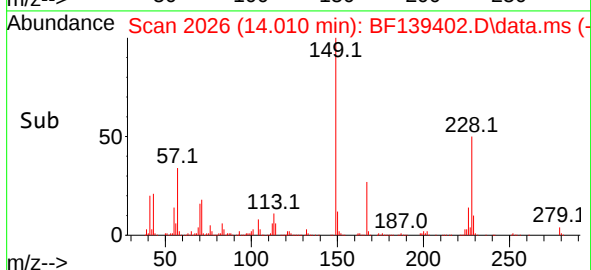
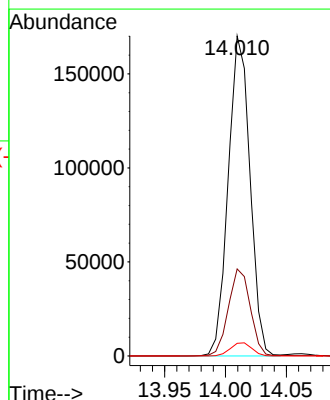
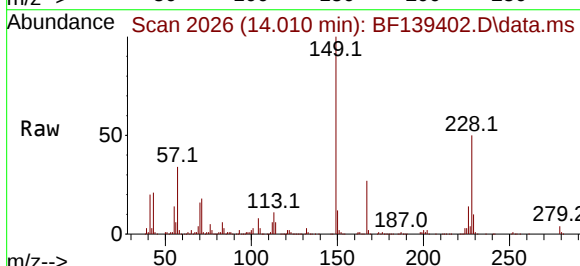
Tgt Ion:149 Resp: 212127

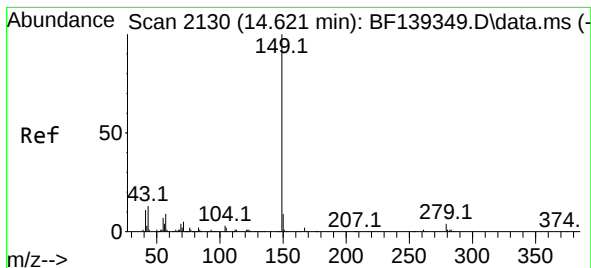
Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 61.758 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

Instrument :

BNA_F

ClientSampleId :

TP-7MSD

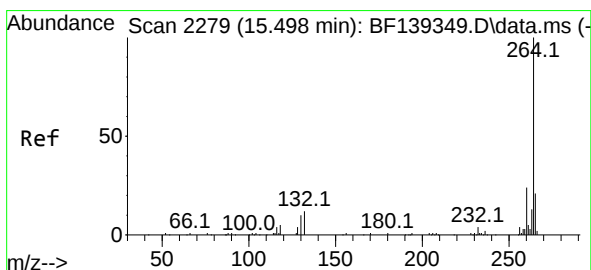
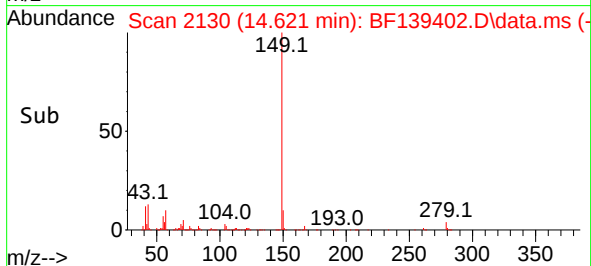
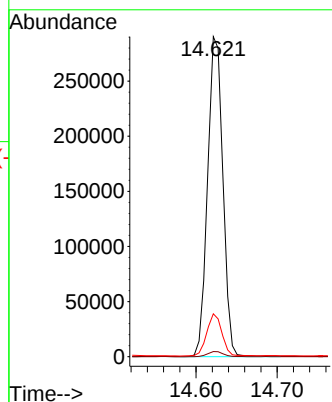
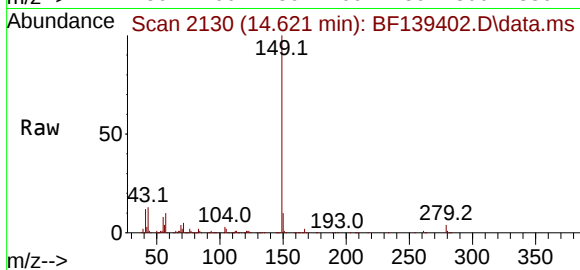
Tgt Ion:149 Resp: 379117

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 13.1 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139402.D

Acq: 17 Sep 2024 15:13

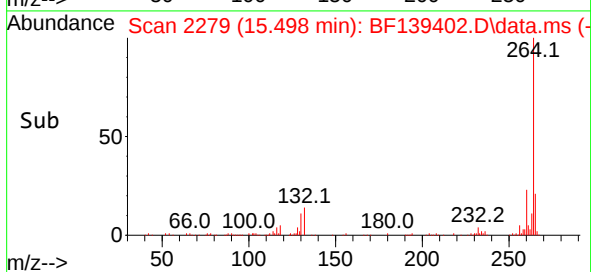
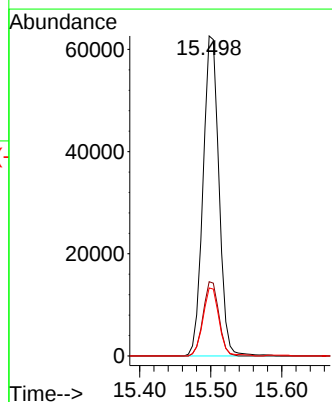
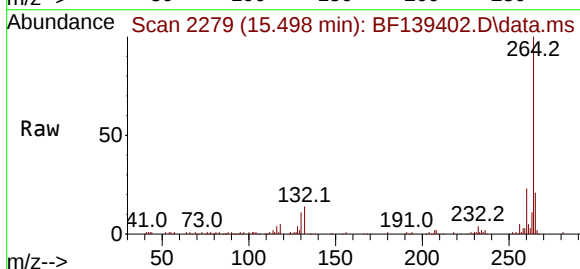
Tgt Ion:264 Resp: 97799

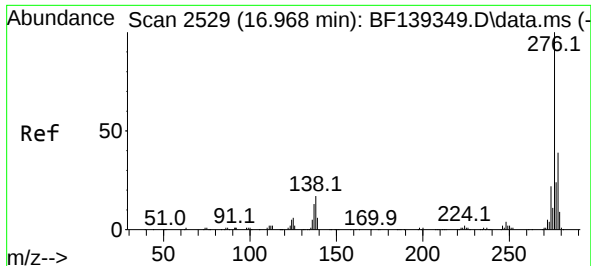
Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.3 16.6 25.0

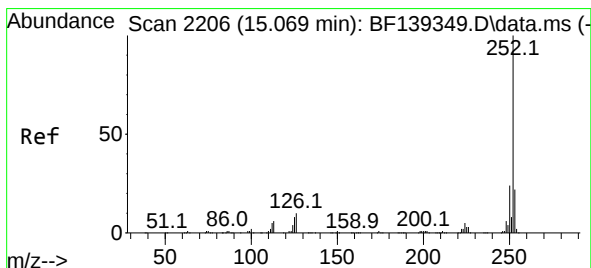
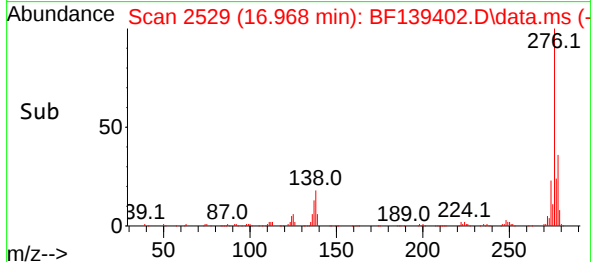
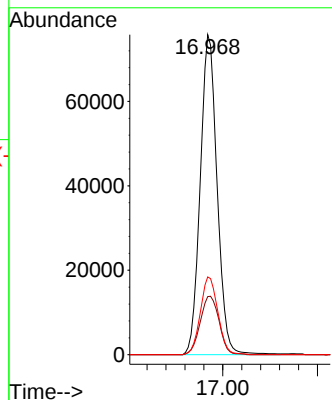
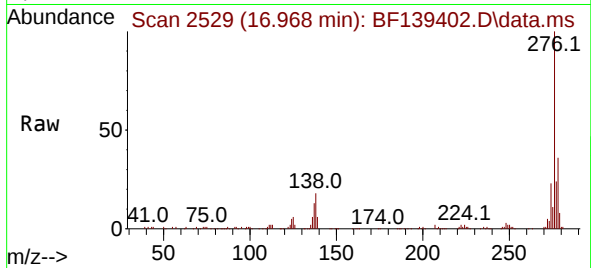




#87
Indeno(1,2,3-cd)pyrene
Concen: 32.276 ng
RT: 16.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

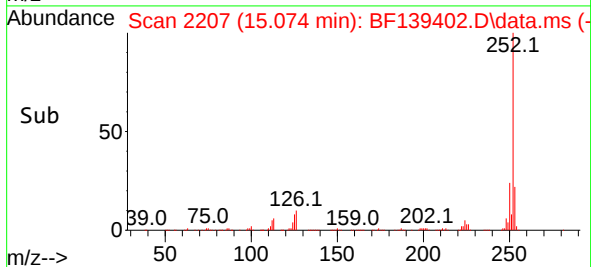
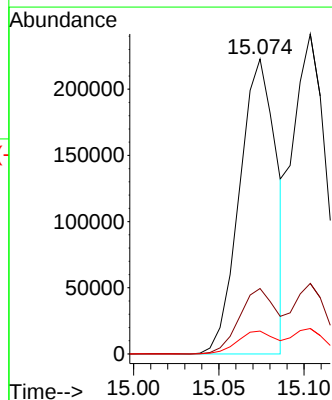
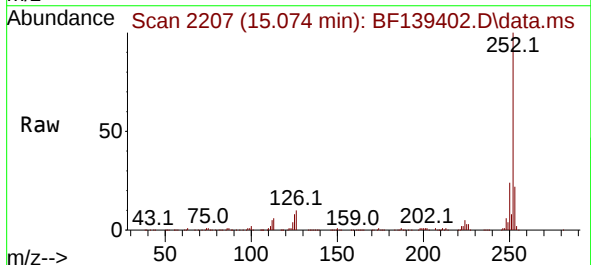
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

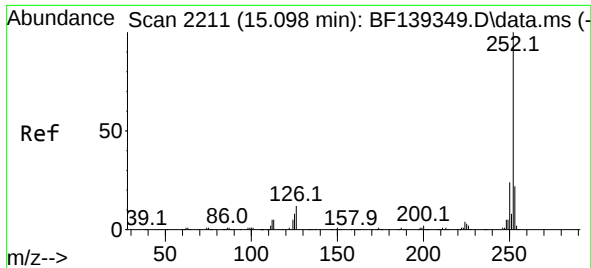
Tgt Ion:276 Resp: 187696
Ion Ratio Lower Upper
276 100
138 20.4 15.4 23.2
277 25.2 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 55.551 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:252 Resp: 335062
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 7.8 6.2 9.2

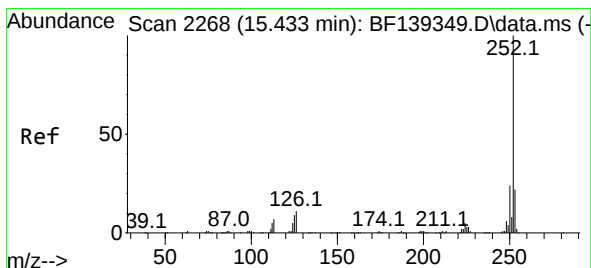
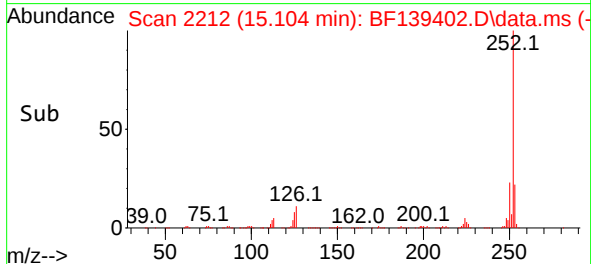
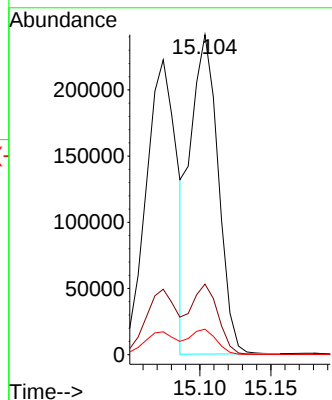
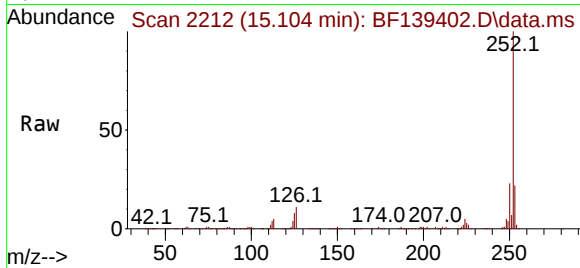




#89
Benzo(k)fluoranthene
Concen: 58.518 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

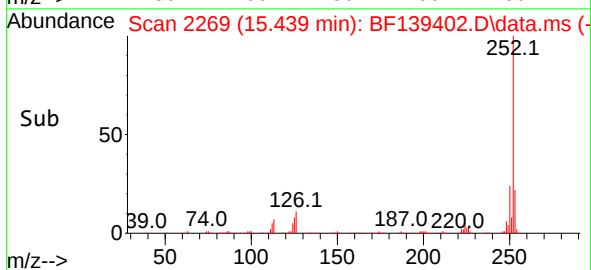
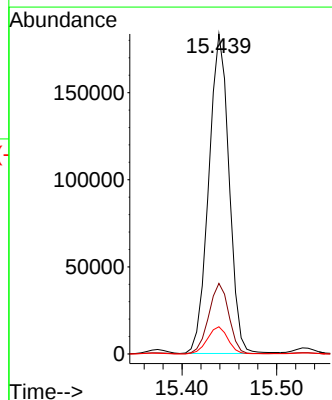
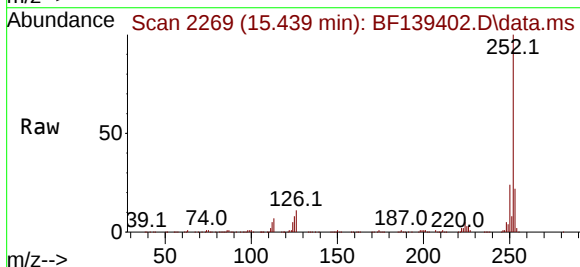
Instrument :
BNA_F
ClientSampleId :
TP-7MSD

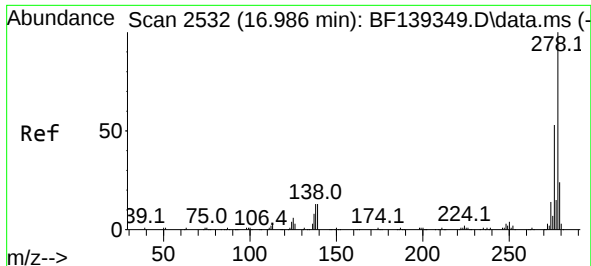
Tgt Ion:252 Resp: 325435
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.9 5.9 8.9



#90
Benzo(a)pyrene
Concen: 54.812 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:252 Resp: 274187
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.5 6.8 10.2

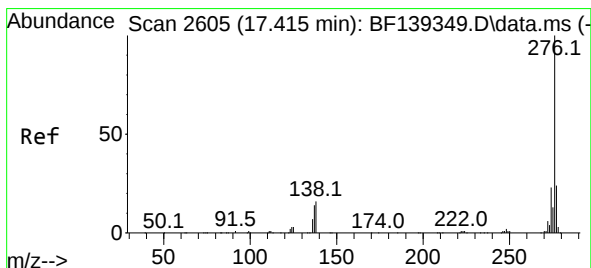
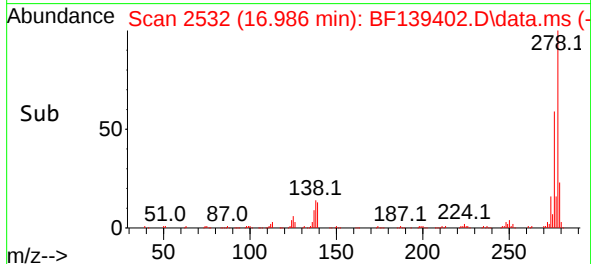
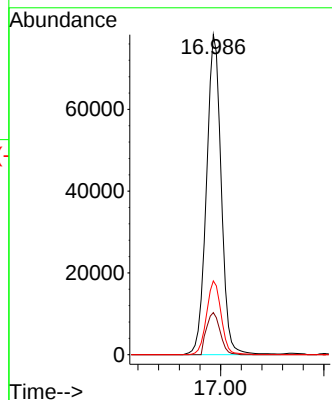
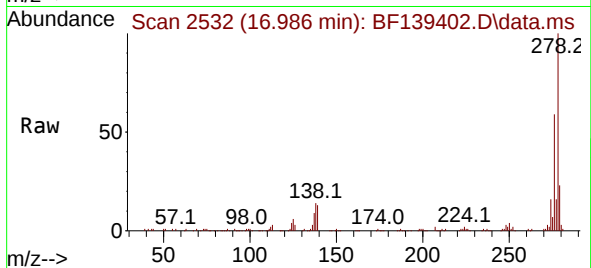




#91
Dibenzo(a,h)anthracene
Concen: 32.292 ng
RT: 16.986 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Tgt Ion:278 Resp: 155179
Ion Ratio Lower Upper
278 100
139 13.1 10.2 15.2
279 23.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 29.676 ng
RT: 17.415 min Scan# 2605
Delta R.T. -0.000 min
Lab File: BF139402.D
Acq: 17 Sep 2024 15:13

Tgt Ion:276 Resp: 141200
Ion Ratio Lower Upper
276 100
277 22.5 18.9 28.3
138 16.0 13.0 19.6

