

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
 Data File : BF139384.D
 Acq On : 16 Sep 2024 17:55
 Operator : RC/JU
 Sample : P3947-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW-1MS

Quant Time: Sep 16 18:38:38 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	67435	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	244647	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	122439	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	183510	20.000	ng	0.00
76) Chrysene-d12	14.033	240	106233	20.000	ng	0.00
86) Perylene-d12	15.498	264	82354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	456170	110.354	ng	0.01
7) Phenol-d6	6.510	99	595803	109.810	ng	0.00
23) Nitrobenzene-d5	7.445	82	408465	78.491	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	126518	97.059	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	691216	79.178	ng	0.00
79) Terphenyl-d14	12.980	244	452780	69.958	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	61672	37.187	ng	99
3) Pyridine	3.487	79	153373	41.945	ng	97
4) n-Nitrosodimethylamine	3.452	42	136716	43.138	ng	99
6) Aniline	6.540	93	124830	30.486	ng	# 59
8) 2-Chlorophenol	6.663	128	194209	45.641	ng	99
9) Benzaldehyde	6.428	77	42630	13.599	ng	99
10) Phenol	6.528	94	248699	45.005	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	190017	45.241	ng	99
12) 1,3-Dichlorobenzene	6.822	146	209493	43.290	ng	98
13) 1,4-Dichlorobenzene	6.898	146	211773	43.305	ng	99
14) 1,2-Dichlorobenzene	7.045	146	202121	43.741	ng	99
15) Benzyl Alcohol	7.022	79	198649	45.890	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	325924	50.352	ng	96
17) 2-Methylphenol	7.134	107	156152	46.189	ng	98
18) Hexachloroethane	7.392	117	79109	42.472	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	155405	48.334	ng	98
20) 3+4-Methylphenols	7.287	107	209546	45.431	ng	# 90
22) Acetophenone	7.292	105	291844	45.631	ng	# 98
24) Nitrobenzene	7.463	77	235897	44.043	ng	99
25) Isophorone	7.698	82	397434	48.290	ng	99
26) 2-Nitrophenol	7.775	139	100553	48.188	ng	98
27) 2,4-Dimethylphenol	7.816	122	158021	57.410	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	227265	48.451	ng	98
29) 2,4-Dichlorophenol	8.022	162	160104	45.787	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	175850	43.161	ng	99
31) Naphthalene	8.187	128	576821	45.163	ng	100
32) Benzoic acid	7.939	122	113244	43.963	ng	97
33) 4-Chloroaniline	8.234	127	39017	9.986	ng	96
34) Hexachlorobutadiene	8.298	225	121308	43.825	ng	100
35) Caprolactam	8.598	113	37636	34.989	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	177692	44.464	ng	99
37) 2-Methylnaphthalene	8.875	142	370996	45.764	ng	100
38) 1-Methylnaphthalene	8.975	142	345987	43.471	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	179086	49.353	ng	99
41) Hexachlorocyclopentadiene	9.022	237	149250	117.799	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	115158	48.779	ng	98

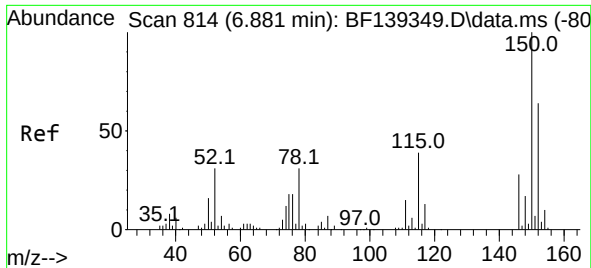
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	116451	46.762	ng	98
46) 1,1'-Biphenyl	9.339	154	466270	49.500	ng	100
47) 2-Chloronaphthalene	9.363	162	334038	47.428	ng	99
48) 2-Nitroaniline	9.457	65	123752	47.241	ng	97
49) Acenaphthylene	9.775	152	537070	50.658	ng	100
50) Dimethylphthalate	9.639	163	400855	49.881	ng	100
51) 2,6-Dinitrotoluene	9.698	165	82123	46.130	ng	98
52) Acenaphthene	9.951	154	371749	50.241	ng	99
53) 3-Nitroaniline	9.863	138	51085	28.713	ng	99
54) 2,4-Dinitrophenol	9.975	184	73493	74.085	ng	94
55) Dibenzofuran	10.122	168	474334	45.993	ng	98
56) 4-Nitrophenol	10.028	139	111615	75.816	ng	93
57) 2,4-Dinitrotoluene	10.098	165	103913	43.234	ng	95
58) Fluorene	10.463	166	372763	44.299	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	88273	42.851	ng	99
60) Diethylphthalate	10.333	149	397828	47.971	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	182719	44.681	ng	100
62) 4-Nitroaniline	10.480	138	65284	33.621	ng	99
63) Azobenzene	10.616	77	409604	50.217	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	44129	45.562	ng	99
66) n-Nitrosodiphenylamine	10.575	169	302804	56.438	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	97465	53.595	ng	99
68) Hexachlorobenzene	11.004	284	103762	48.617	ng	97
69) Atrazine	11.098	200	92887	72.722	ng	98
70) Pentachlorophenol	11.198	266	120340	93.967	ng	100
71) Phenanthrene	11.422	178	546826	61.763	ng	99
72) Anthracene	11.475	178	456971	52.790	ng	99
73) Carbazole	11.627	167	382418	46.158	ng	100
74) Di-n-butylphthalate	11.957	149	492219	53.333	ng	100
75) Fluoranthene	12.610	202	562933	59.539	ng	99
77) Benzidine	12.727	184	72645	47.730	ng	100
78) Pyrene	12.839	202	556755	61.037	ng	100
80) Butylbenzylphthalate	13.451	149	170773	55.003	ng	98
81) Benzo(a)anthracene	14.021	228	400597	56.928	ng	98
82) 3,3'-Dichlorobenzidine	13.986	252	58215	28.249	ng	99
83) Chrysene	14.057	228	357860	55.277	ng	98
84) Bis(2-ethylhexyl)phtha...	14.010	149	225052	56.980	ng	99
85) Di-n-octyl phthalate	14.621	149	333274	57.296	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	220336	44.994	ng	99
88) Benzo(b)fluoranthene	15.068	252	304545	59.961	ng	100
89) Benzo(k)fluoranthene	15.098	252	243590	52.015	ng	98
90) Benzo(a)pyrene	15.439	252	250327	59.427	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	173434	42.860	ng	98
92) Benzo(g,h,i)perylene	17.409	276	158327	39.517	ng	99

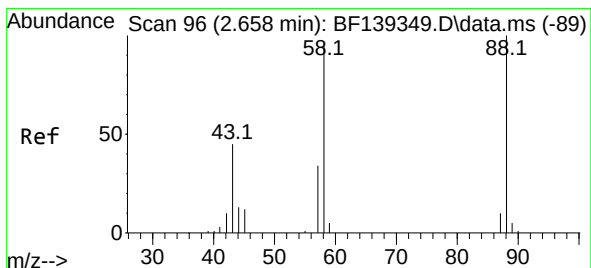
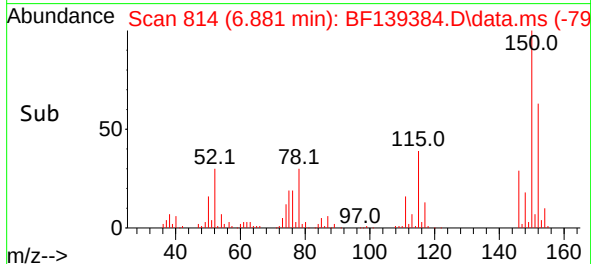
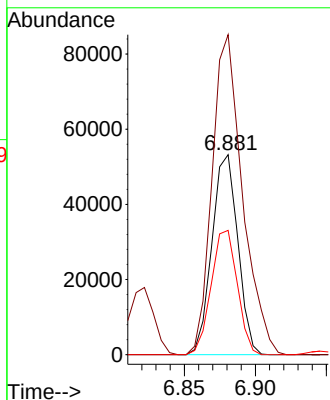
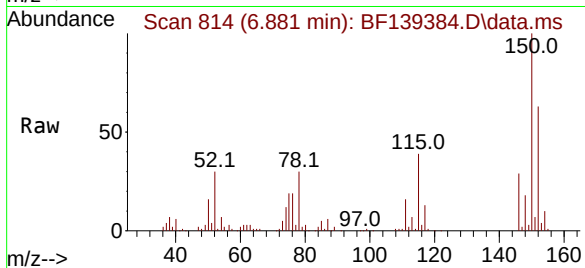
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139384.D
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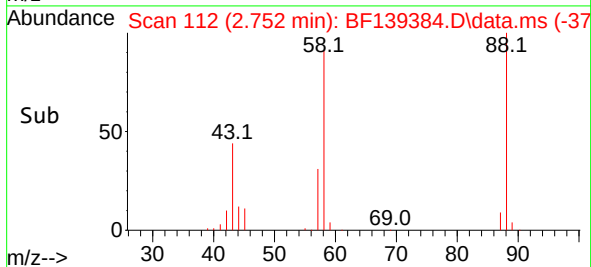
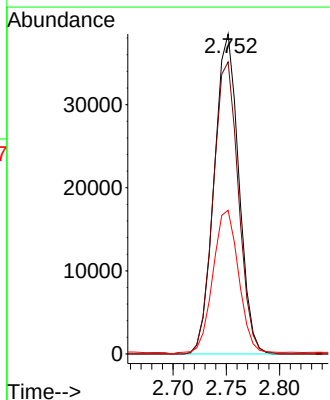
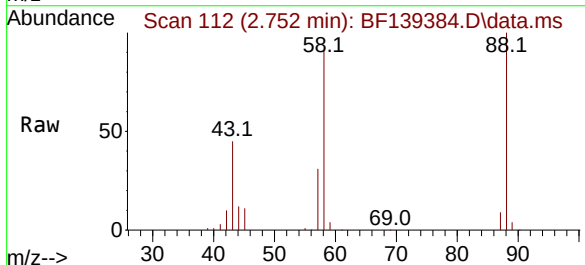
Instrument :
 BNA_F
 ClientSampleId :
 RW-1MS

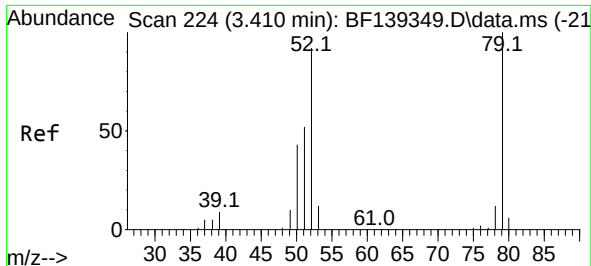
Tgt Ion:152 Resp: 67435
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.1 186.1
 115 62.2 48.1 72.1



#2
 1,4-Dioxane
 Concen: 37.187 ng
 RT: 2.752 min Scan# 112
 Delta R.T. 0.094 min
 Lab File: BF139384.D
 Acq: 16 Sep 2024 17:55

Tgt Ion: 88 Resp: 61672
 Ion Ratio Lower Upper
 88 100
 58 93.4 74.8 112.2
 43 47.8 36.4 54.6





#3

Pyridine

Concen: 41.945 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

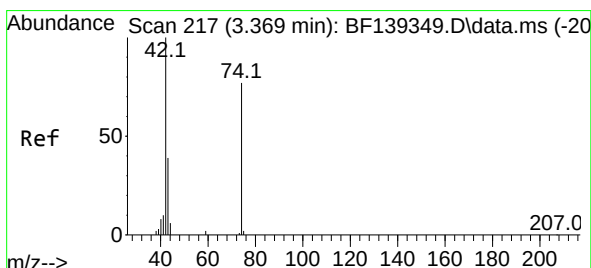
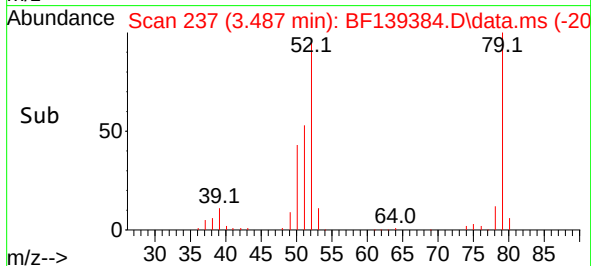
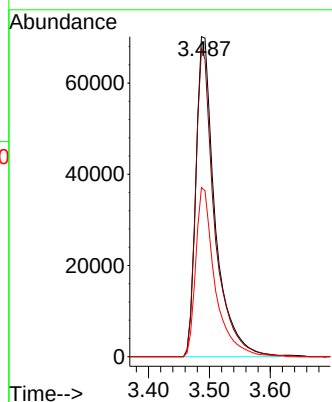
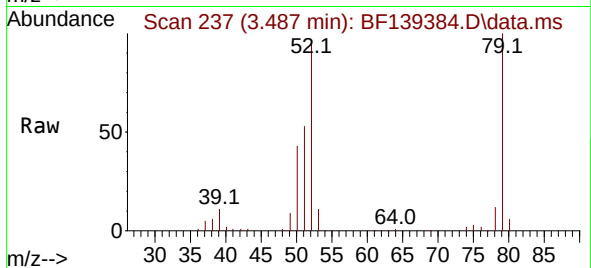
Tgt Ion: 79 Resp: 153373

Ion Ratio Lower Upper

79 100

52 96.2 73.8 110.8

51 52.9 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 43.138 ng

RT: 3.452 min Scan# 231

Delta R.T. 0.082 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

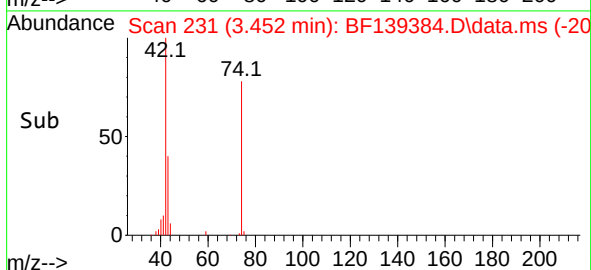
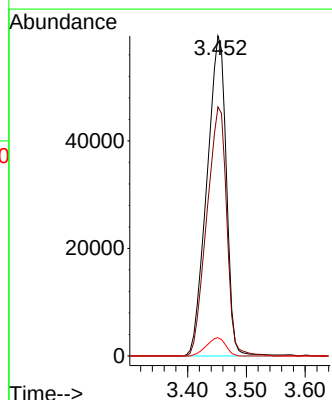
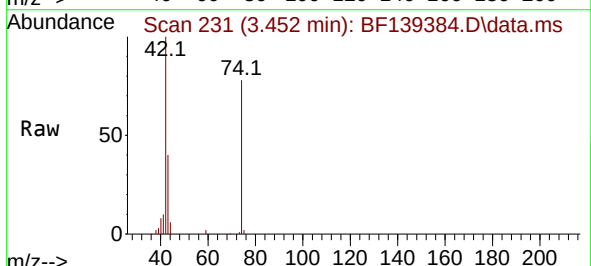
Tgt Ion: 42 Resp: 136716

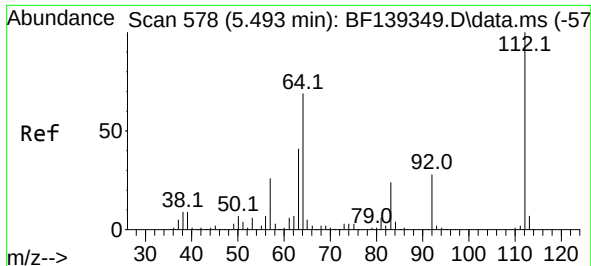
Ion Ratio Lower Upper

42 100

74 77.8 61.8 92.8

44 5.7 4.8 7.2

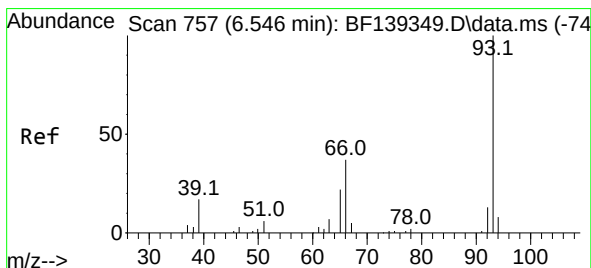
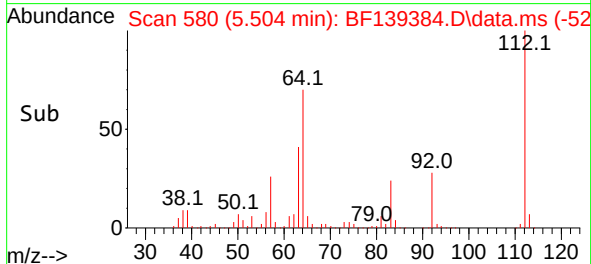
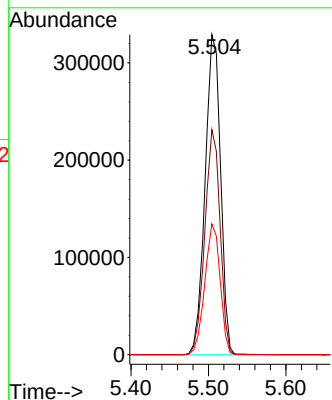
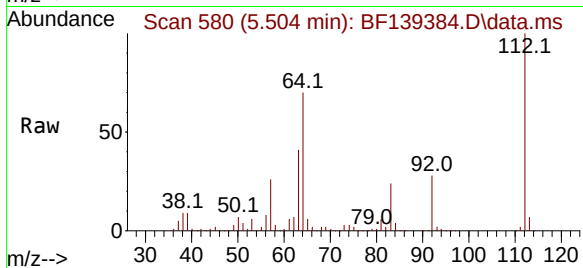




#5
2-Fluorophenol
Concen: 110.354 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

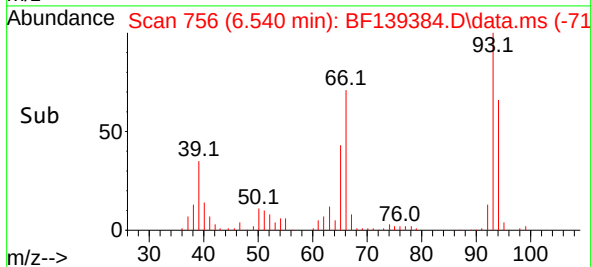
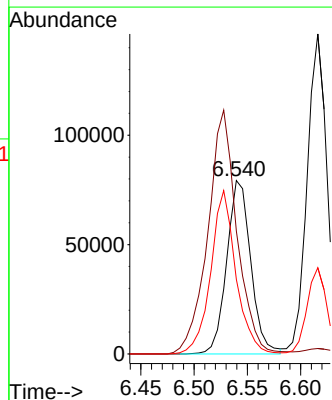
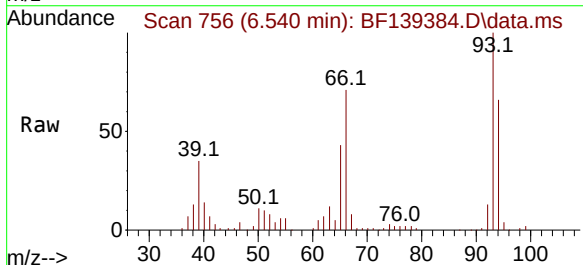
Instrument :
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ClientSampleId :
RW-1MS

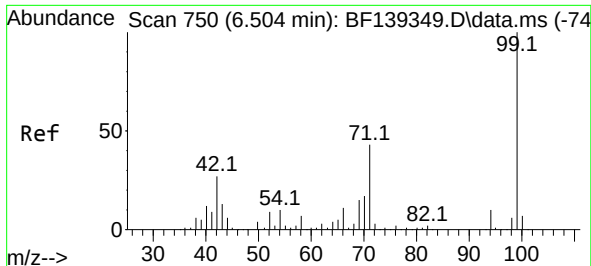
Tgt Ion:112 Resp: 456170
Ion Ratio Lower Upper
112 100
64 70.3 54.8 82.2
63 40.9 33.0 49.4



#6
Aniline
Concen: 30.486 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion: 93 Resp: 124830
Ion Ratio Lower Upper
93 100
66 70.8 35.4 53.0#
65 43.0 18.2 27.4#





#7

Phenol-d6

Concen: 109.810 ng

RT: 6.510 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

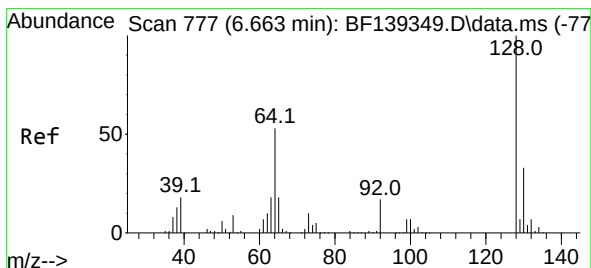
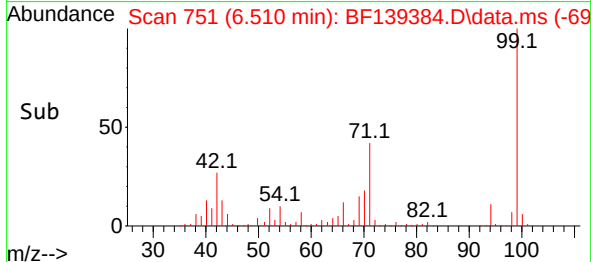
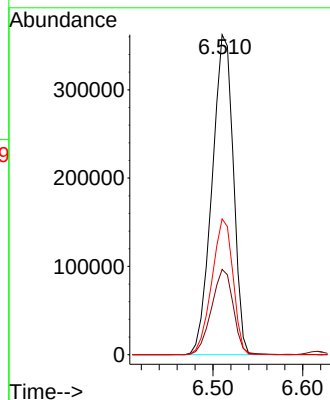
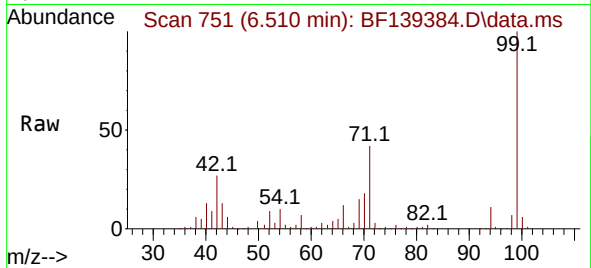
Tgt Ion: 99 Resp: 595803

Ion Ratio Lower Upper

99 100

42 26.7 21.9 32.9

71 42.4 34.6 52.0



#8

2-Chlorophenol

Concen: 45.641 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

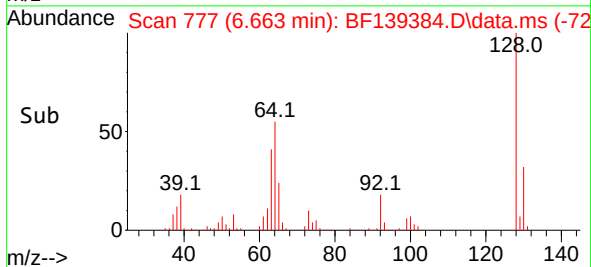
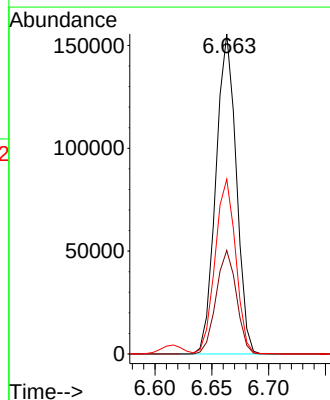
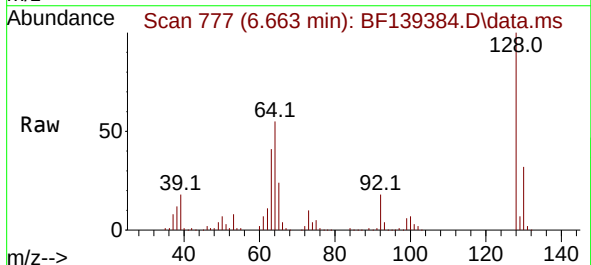
Tgt Ion:128 Resp: 194209

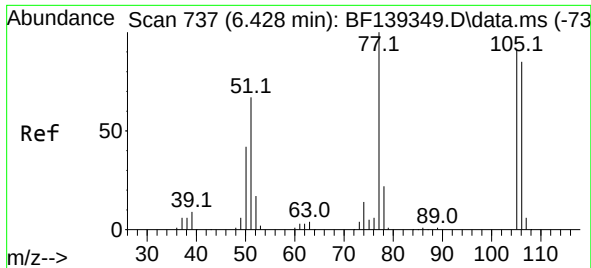
Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

64 54.6 35.1 75.1





#9

Benzaldehyde

Concen: 13.599 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

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Acq: 16 Sep 2024 17:55

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ClientSampleId :

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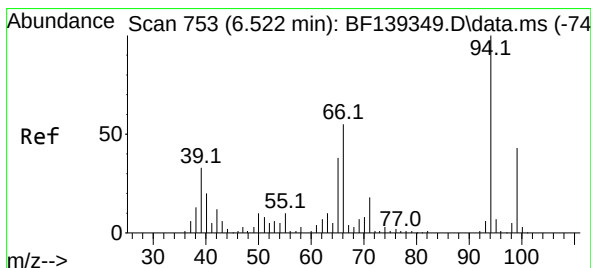
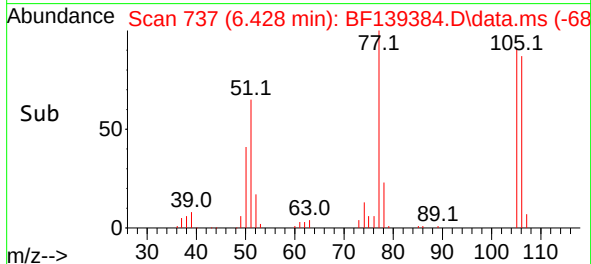
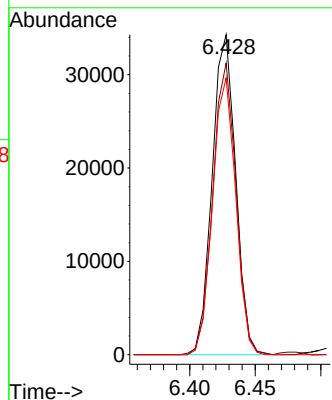
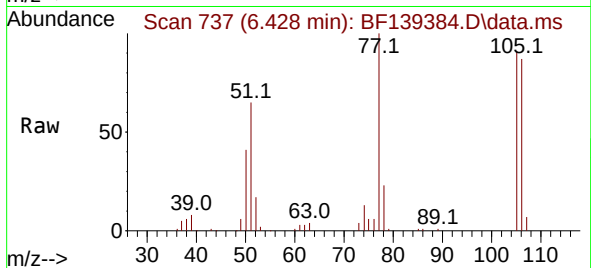
Tgt Ion: 77 Resp: 42630

Ion Ratio Lower Upper

77 100

105 91.1 71.0 111.0

106 86.5 64.9 104.9



#10

Phenol

Concen: 45.005 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

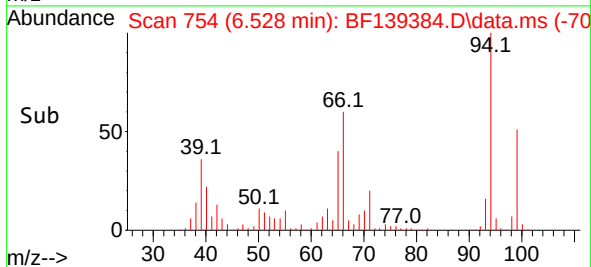
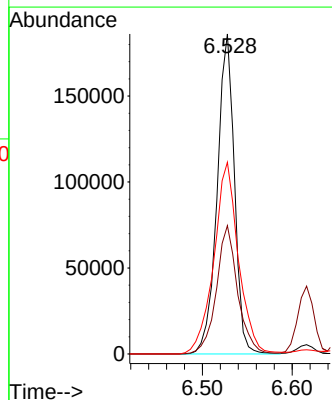
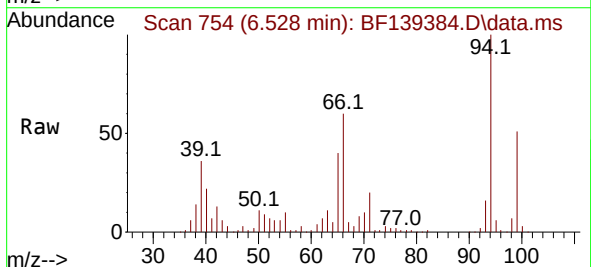
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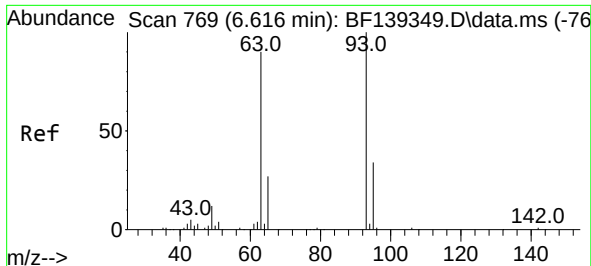
Ion Ratio Lower Upper

94 100

65 40.1 17.6 57.6

66 59.9 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 45.241 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

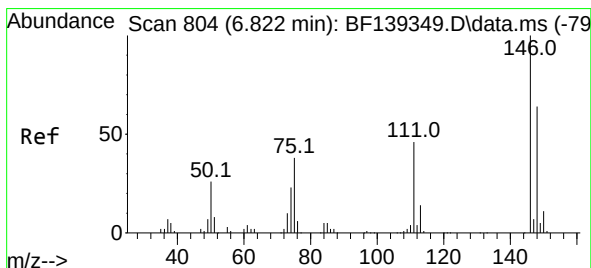
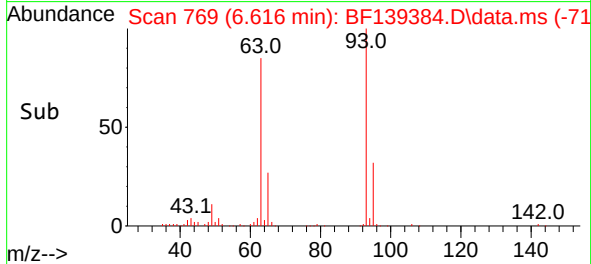
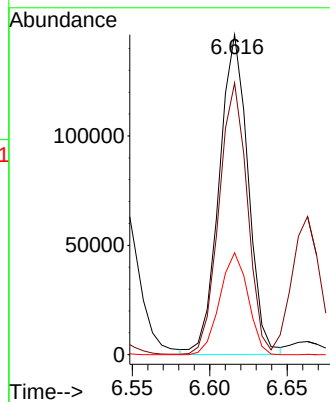
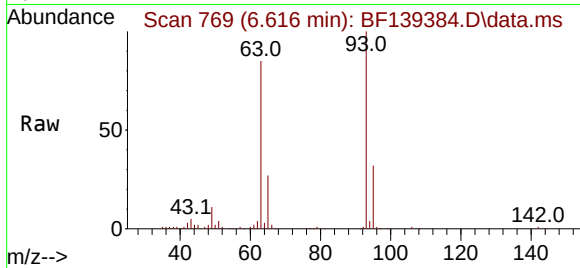
Tgt Ion: 93 Resp: 190017

Ion Ratio Lower Upper

93 100

63 84.9 65.3 105.3

95 31.9 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.290 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

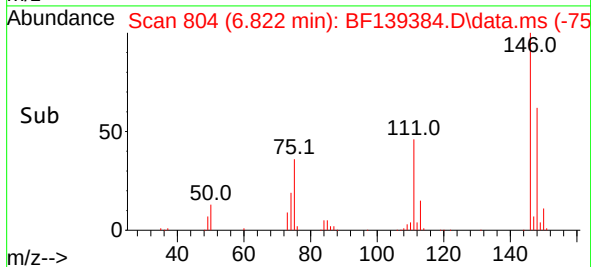
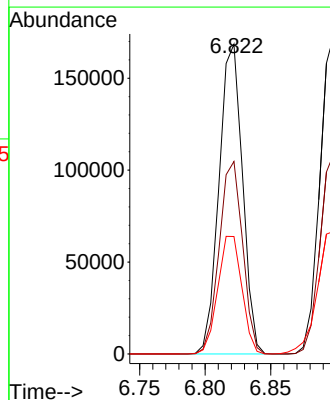
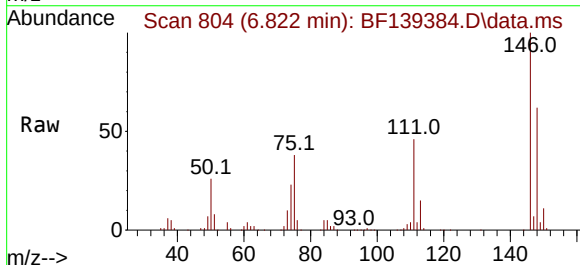
Tgt Ion: 146 Resp: 209493

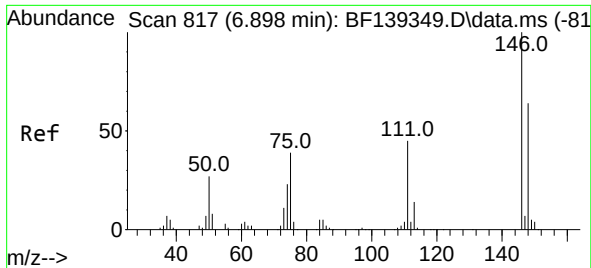
Ion Ratio Lower Upper

146 100

148 62.1 51.2 76.8

75 37.9 30.6 46.0

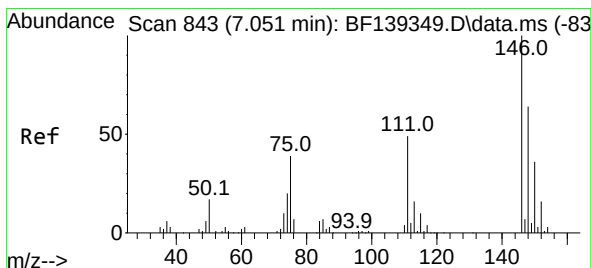
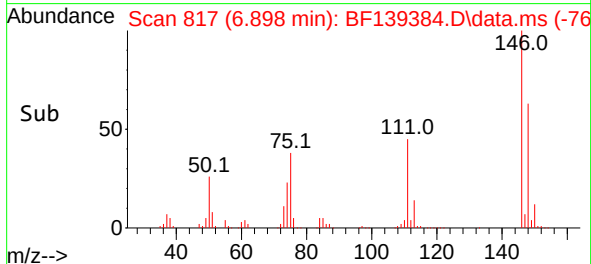
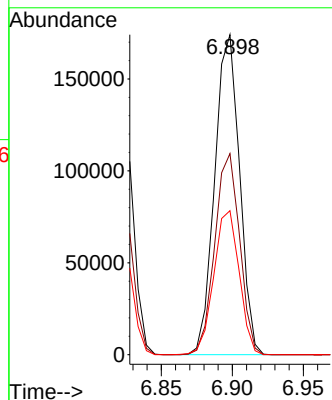
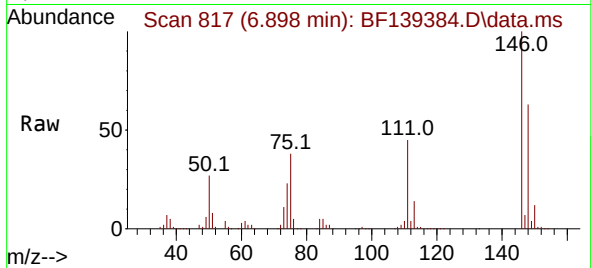




#13
1,4-Dichlorobenzene
Concen: 43.305 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

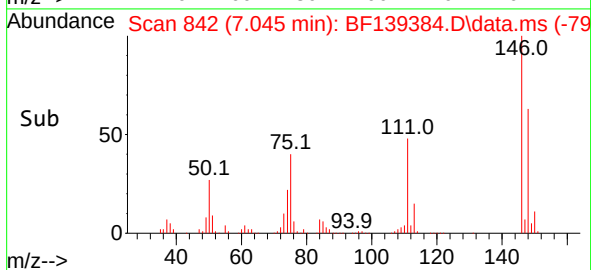
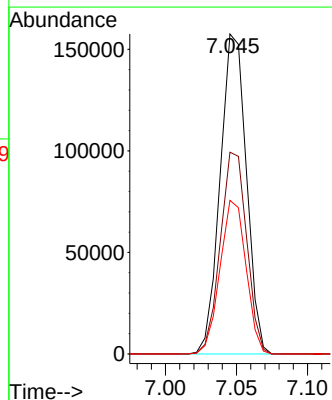
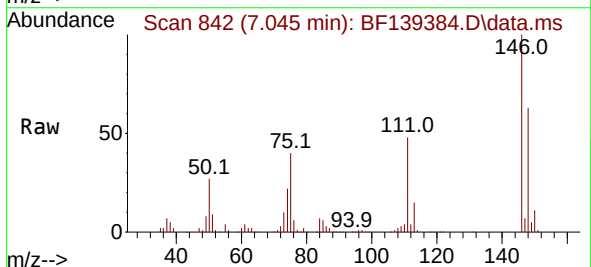
Instrument :
BNA_F
ClientSampleId :
RW-1MS

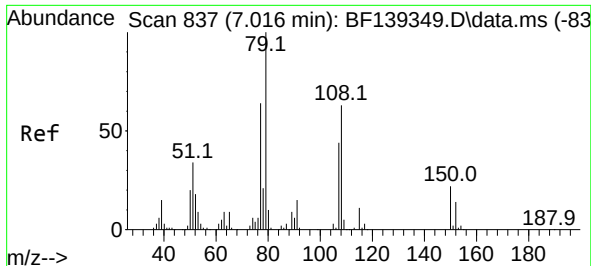
Tgt Ion:146 Resp: 211773
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
111 45.0 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 43.741 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:146 Resp: 202121
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
111 48.0 38.9 58.3

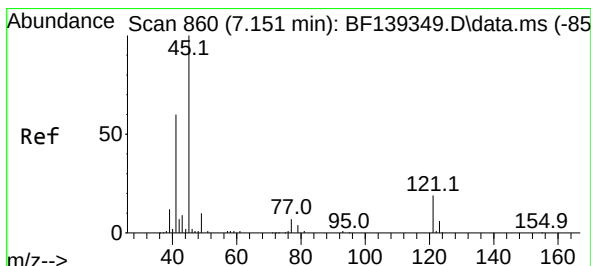
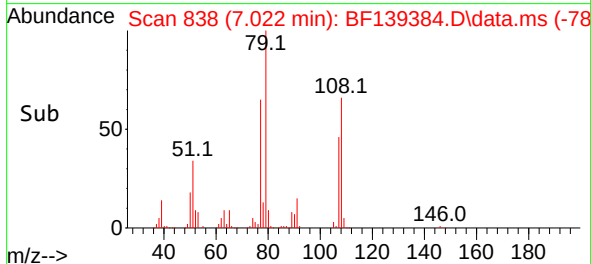
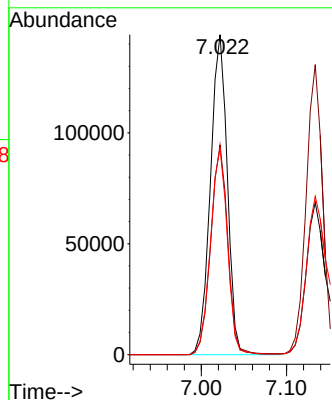
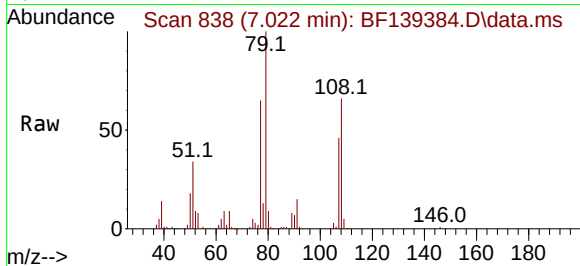




#15
Benzyl Alcohol
Concen: 45.890 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

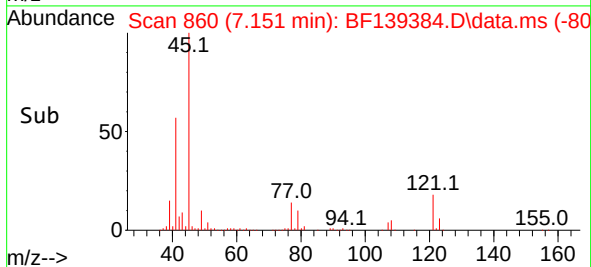
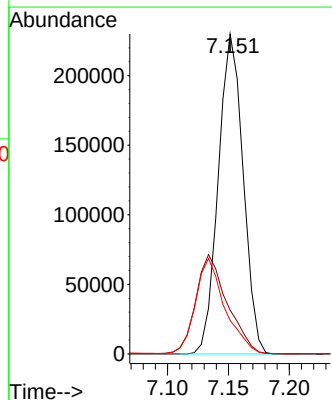
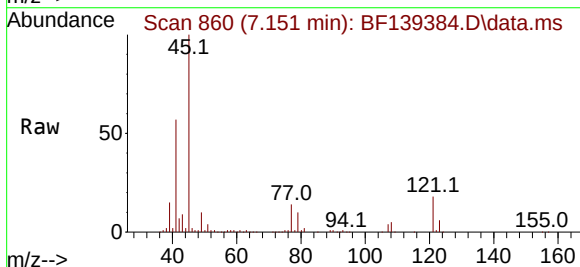
Instrument :
BNA_F
ClientSampleId :
RW-1MS

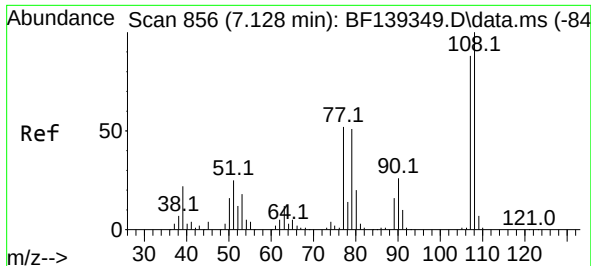
Tgt Ion: 79 Resp: 198649
Ion Ratio Lower Upper
79 100
108 65.5 50.4 75.6
77 64.5 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.352 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion: 45 Resp: 325924
Ion Ratio Lower Upper
45 100
77 13.7 0.0 32.0
79 10.5 0.0 29.1

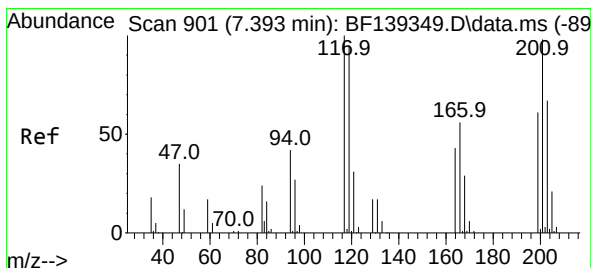
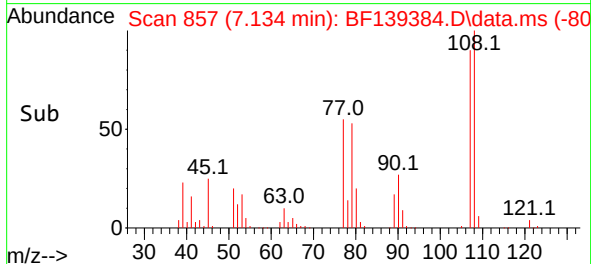
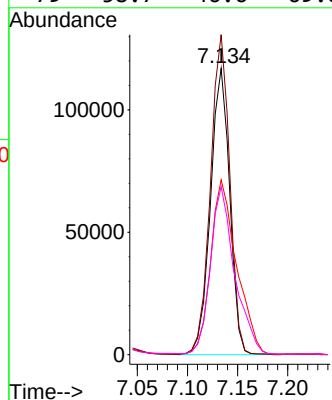
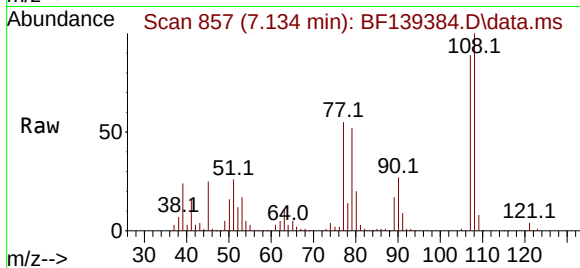




#17
2-Methylphenol
Concen: 46.189 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

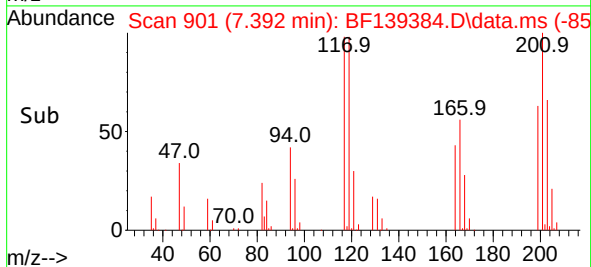
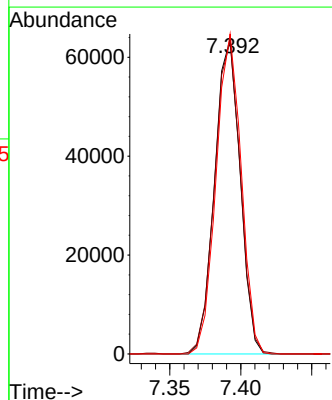
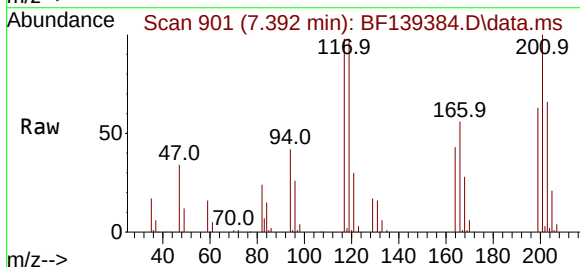
Instrument :
BNA_F
ClientSampleId :
RW-1MS

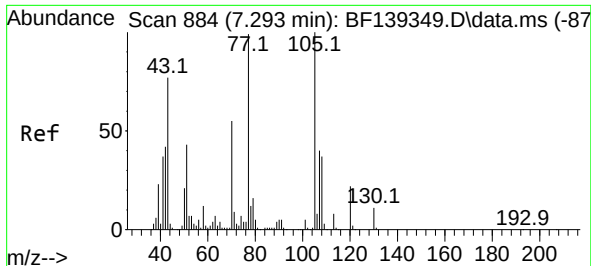
Tgt Ion:	107	Resp:	156152
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.5	135.7
77	61.1	47.1	70.7
79	58.7	46.6	69.8



#18
Hexachloroethane
Concen: 42.472 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:	117	Resp:	79109
Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.8	113.8
201	101.7	78.6	118.0



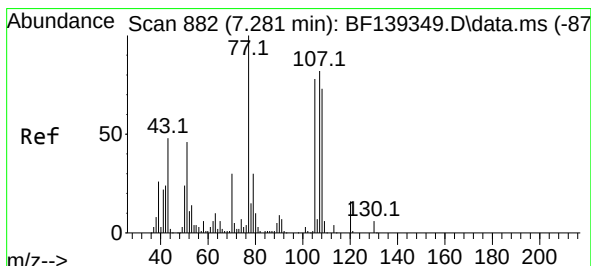
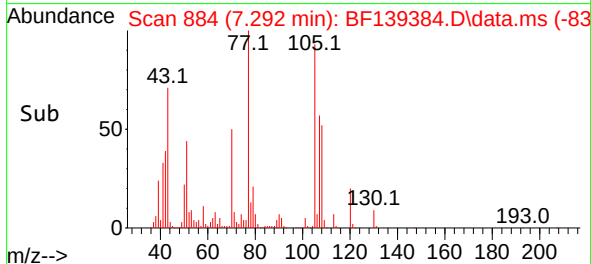
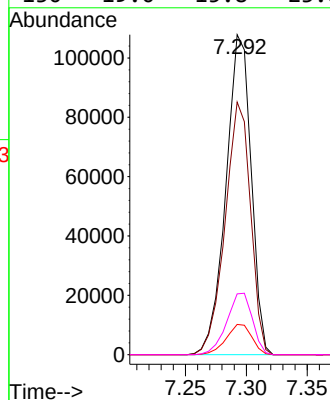
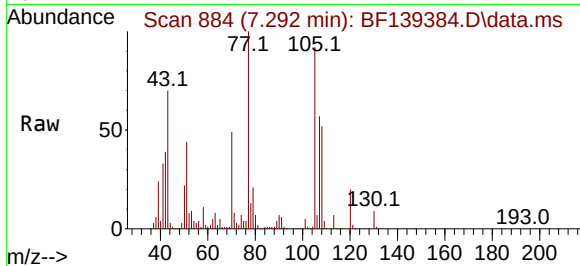


#19
n-Nitroso-di-n-propylamine
Concen: 48.334 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Instrument :
BNA_F
ClientSampleId :
RW-1MS

Tgt Ion: 70 Resp: 155405

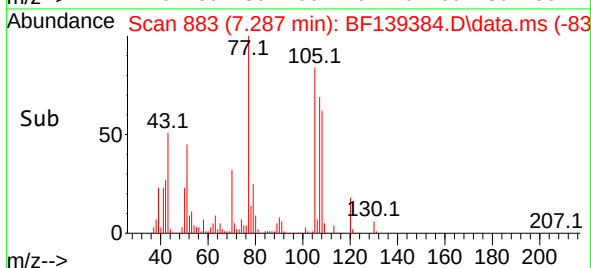
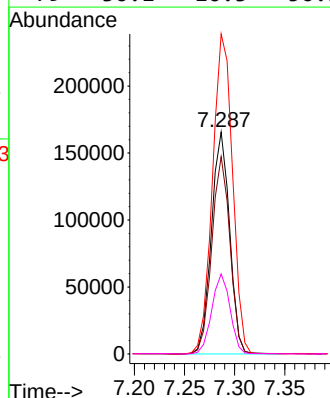
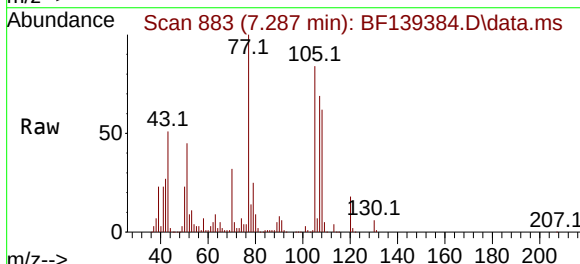
Ion	Ratio	Lower	Upper
70	100		
42	78.9	61.2	91.8
101	9.5	7.5	11.3
130	19.0	15.8	23.8

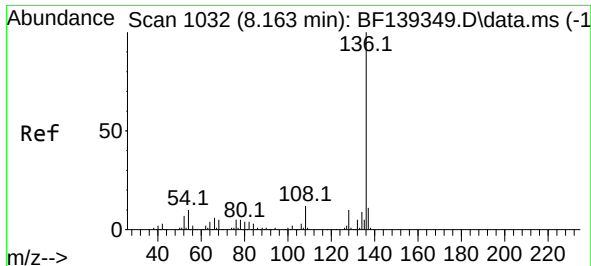


#20
3+4-Methylphenols
Concen: 45.431 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion: 107 Resp: 209546

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.6	108.6
77	144.2	101.6	141.6#
79	36.1	16.3	56.3



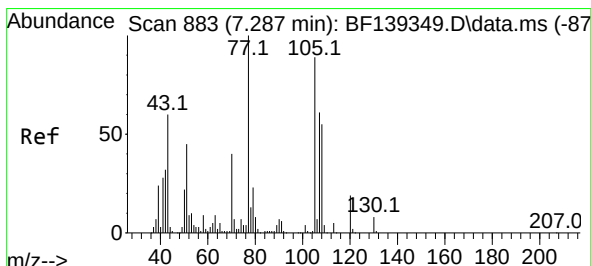
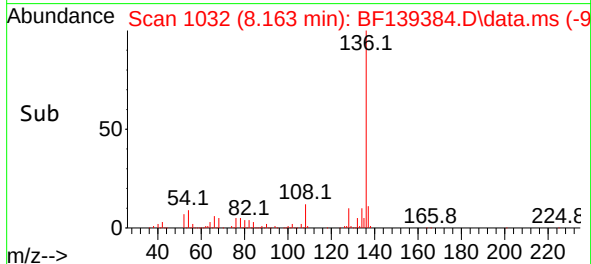
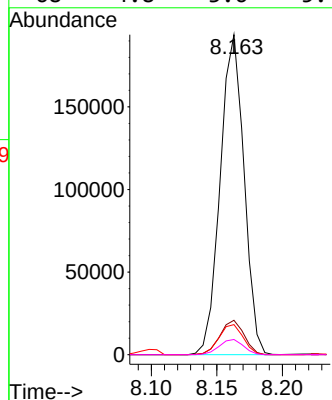
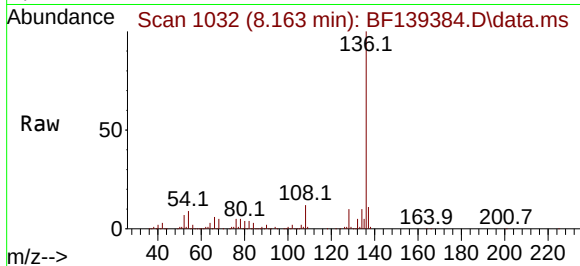


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Instrument :
BNA_F
ClientSampleId :
RW-1MS

Tgt Ion:136 Resp: 244647

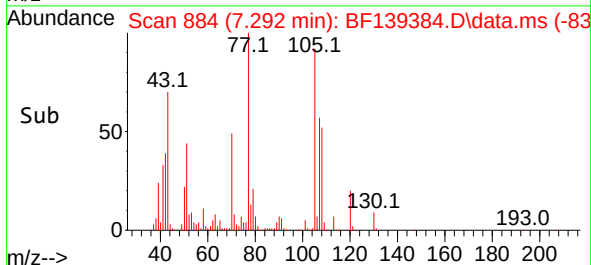
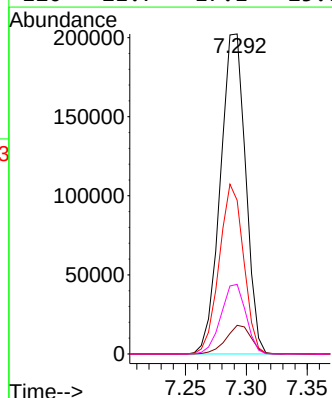
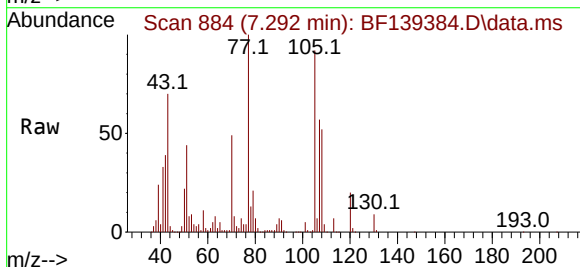
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.4	7.8	11.8
68	4.8	3.6	5.4

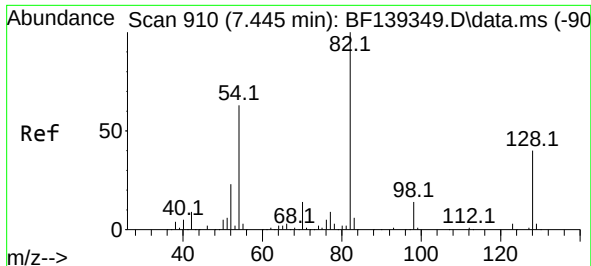


#22
Acetophenone
Concen: 45.631 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:105 Resp: 291844

Ion	Ratio	Lower	Upper
105	100		
71	8.9	5.9	8.9
51	48.0	40.0	60.0
120	21.7	17.1	25.7





#23

Nitrobenzene-d5

Concen: 78.491 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

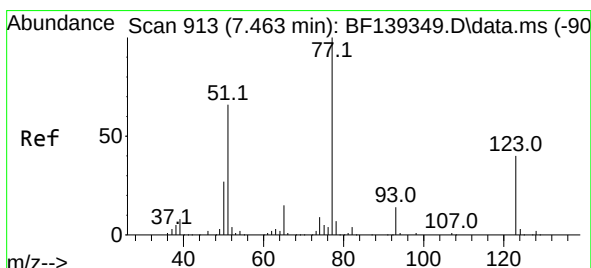
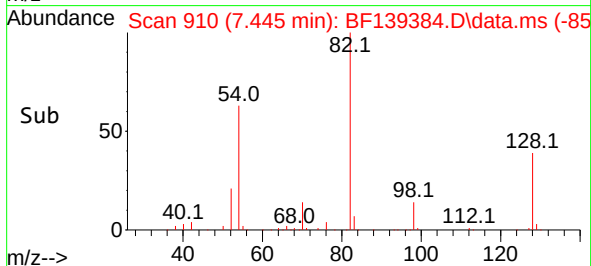
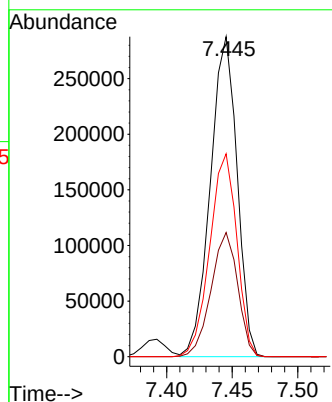
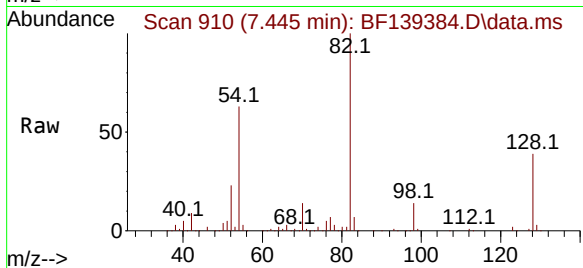
Tgt Ion: 82 Resp: 408465

Ion Ratio Lower Upper

82 100

128 38.8 31.8 47.6

54 63.4 50.6 75.8



#24

Nitrobenzene

Concen: 44.043 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

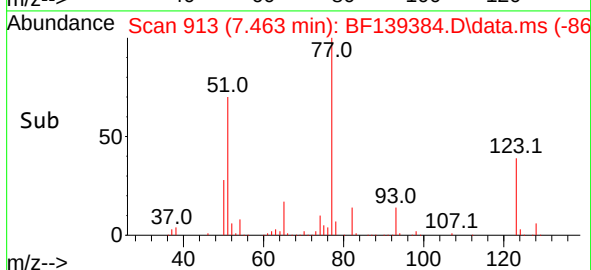
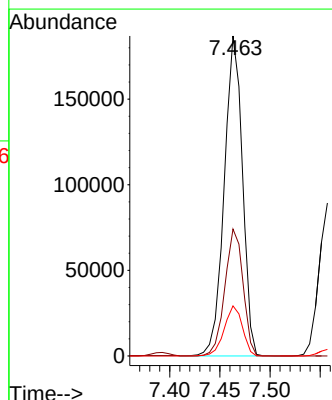
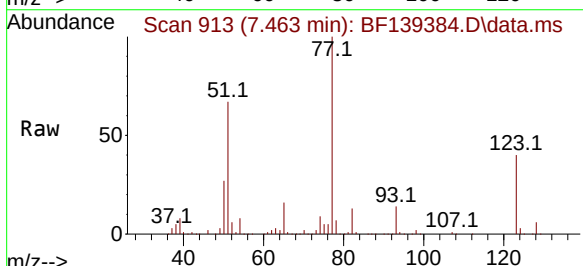
Tgt Ion: 77 Resp: 235897

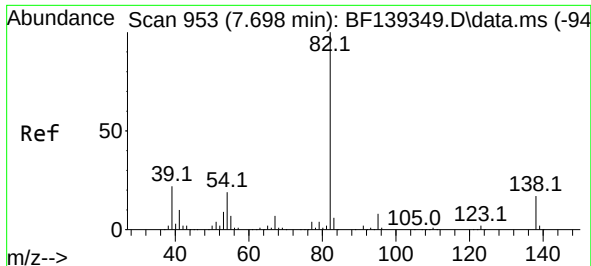
Ion Ratio Lower Upper

77 100

123 39.6 32.2 48.4

65 15.6 12.2 18.4

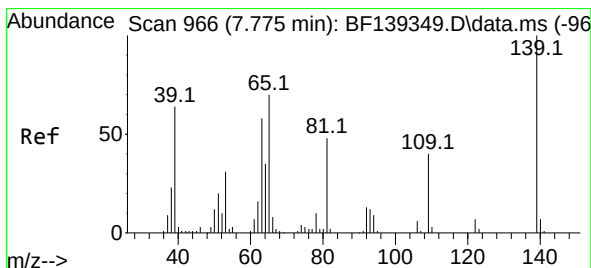
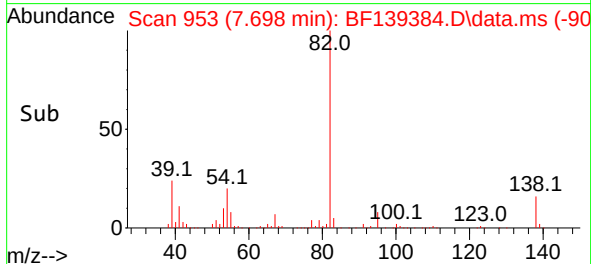
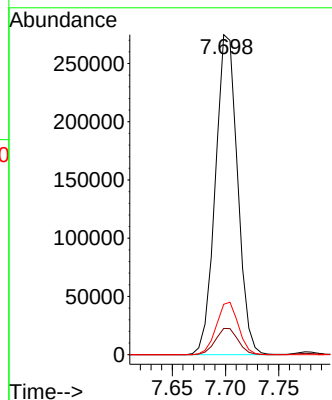
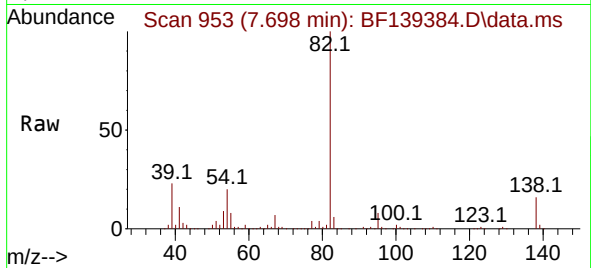




#25
Isophorone
Concen: 48.290 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

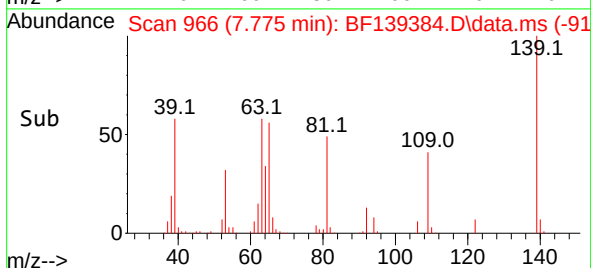
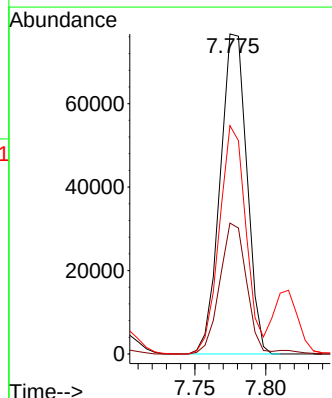
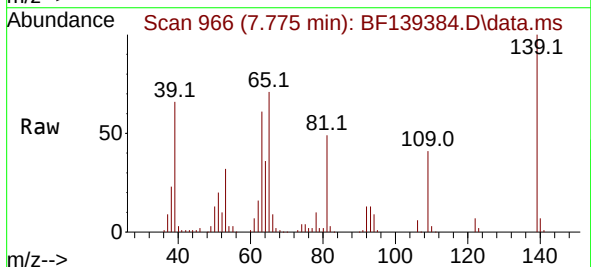
Instrument :
BNA_F
ClientSampleId :
RW-1MS

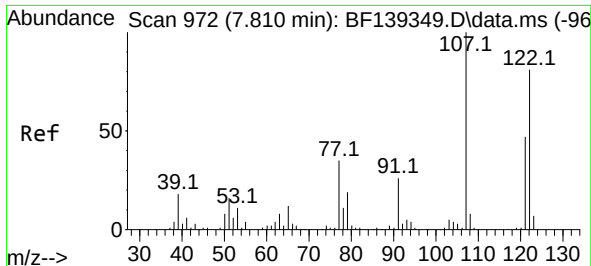
Tgt Ion: 82 Resp: 397434
Ion Ratio Lower Upper
82 100
95 8.2 6.7 10.1
138 15.8 13.3 19.9



#26
2-Nitrophenol
Concen: 48.188 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:139 Resp: 100553
Ion Ratio Lower Upper
139 100
109 40.9 32.2 48.2
65 71.3 55.8 83.8

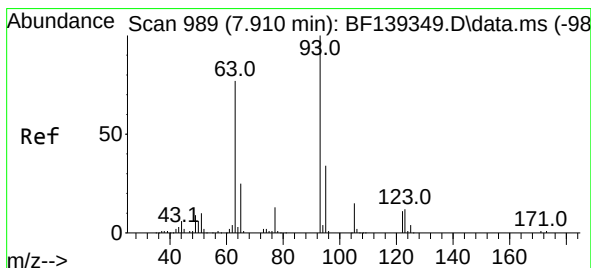
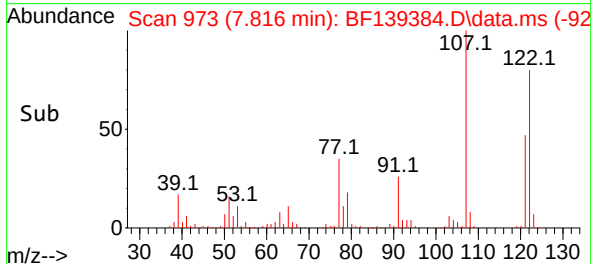
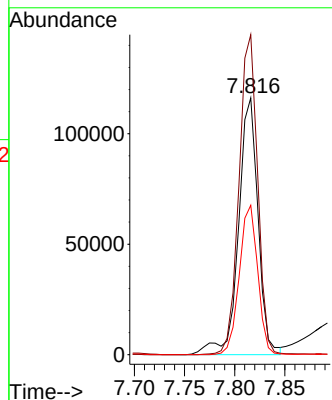
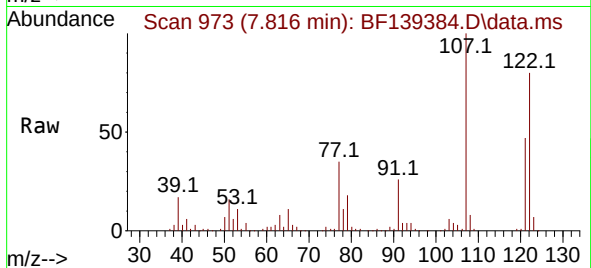




#27
2,4-Dimethylphenol
Concen: 57.410 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

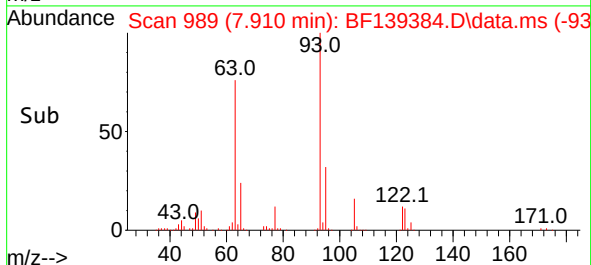
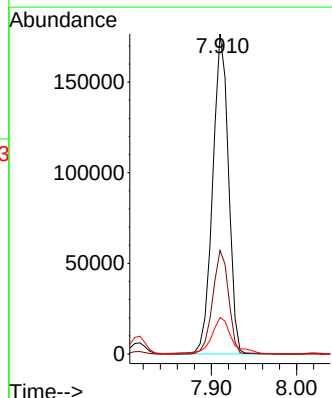
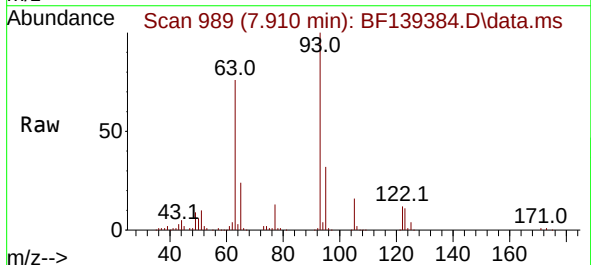
Instrument :
BNA_F
ClientSampleId :
RW-1MS

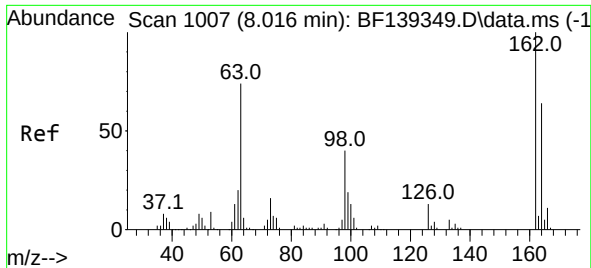
Tgt Ion:122 Resp: 158021
Ion Ratio Lower Upper
122 100
107 124.6 99.1 148.7
121 58.2 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.451 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion: 93 Resp: 227265
Ion Ratio Lower Upper
93 100
95 32.3 26.9 40.3
123 11.4 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 45.787 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

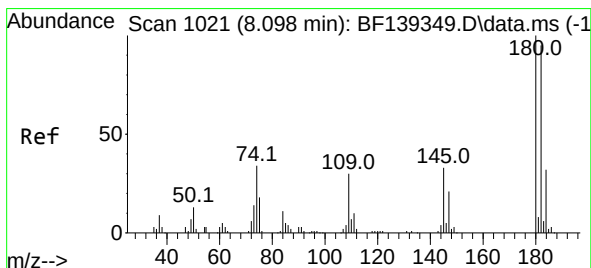
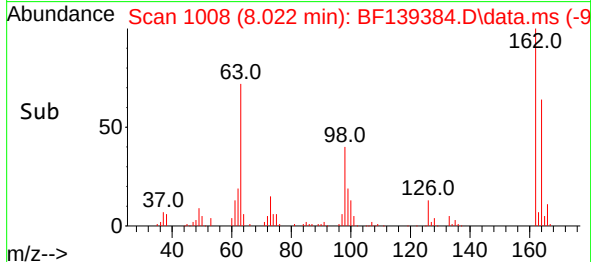
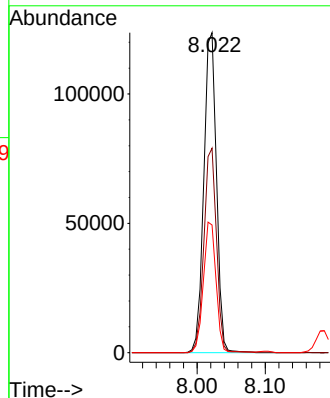
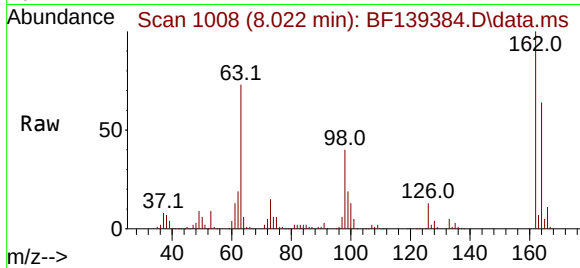
Tgt Ion:162 Resp: 160104

Ion Ratio Lower Upper

162 100

164 63.9 43.6 83.6

98 39.9 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 43.161 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

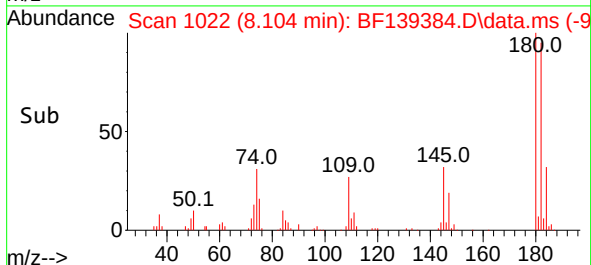
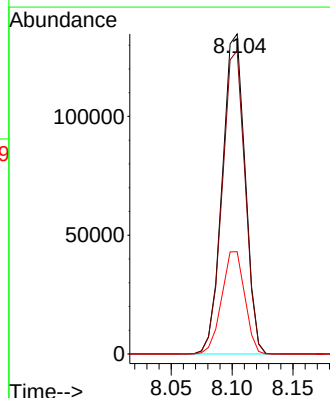
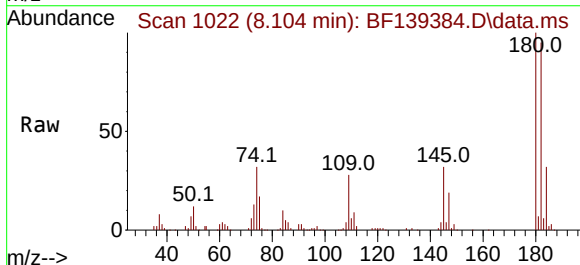
Tgt Ion:180 Resp: 175850

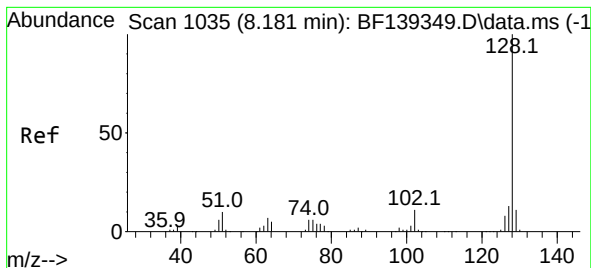
Ion Ratio Lower Upper

180 100

182 94.8 75.7 113.5

145 31.9 26.5 39.7





#31

Naphthalene

Concen: 45.163 ng

RT: 8.187 min Scan# 1035

Delta R.T. 0.006 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

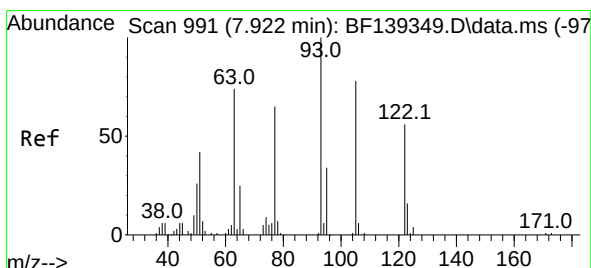
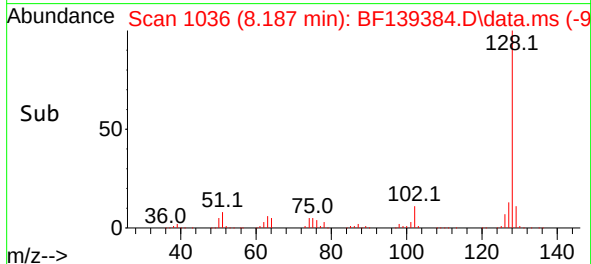
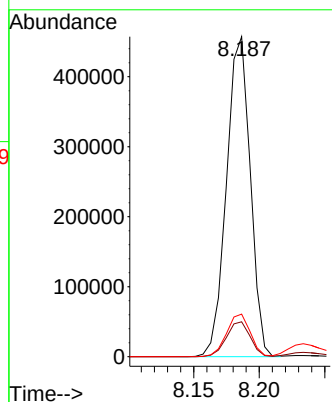
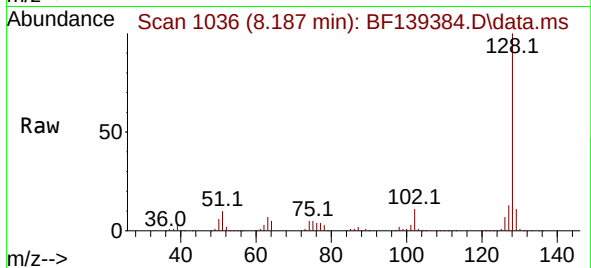
Tgt Ion:128 Resp: 576821

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 43.963 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.018 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

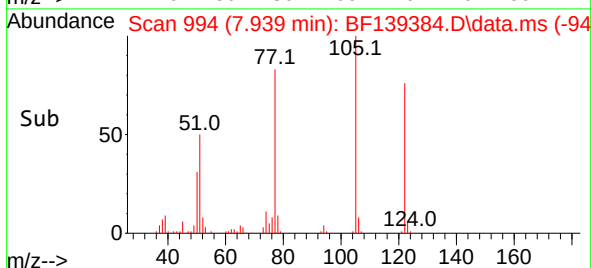
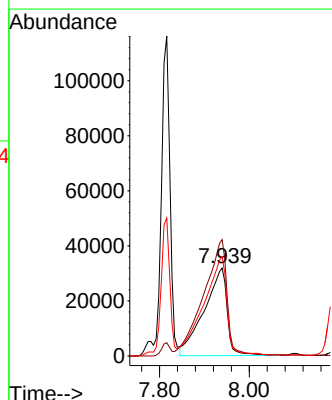
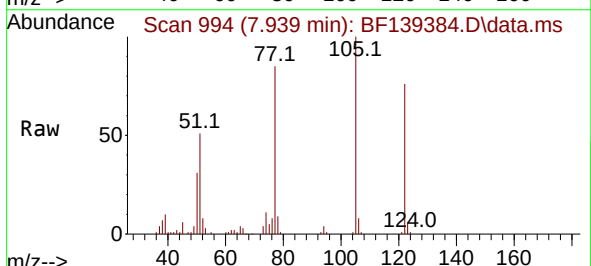
Tgt Ion:122 Resp: 113244

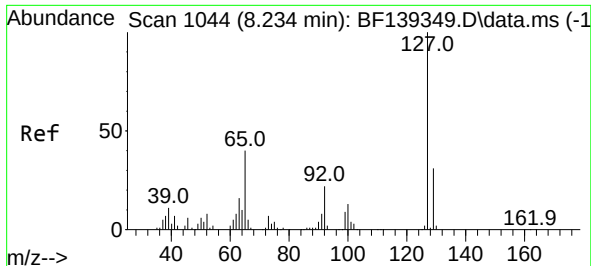
Ion Ratio Lower Upper

122 100

105 132.4 117.1 157.1

77 113.1 95.4 135.4

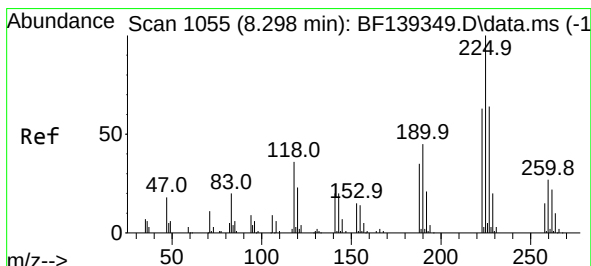
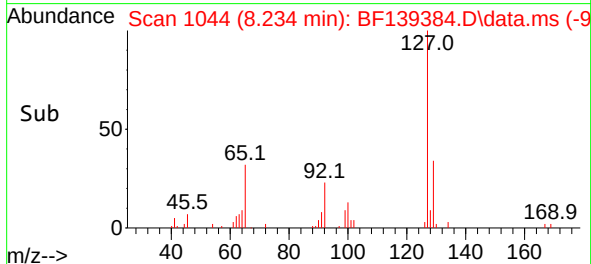
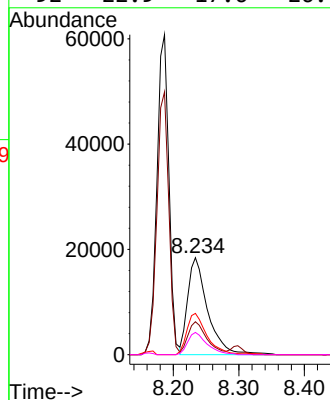
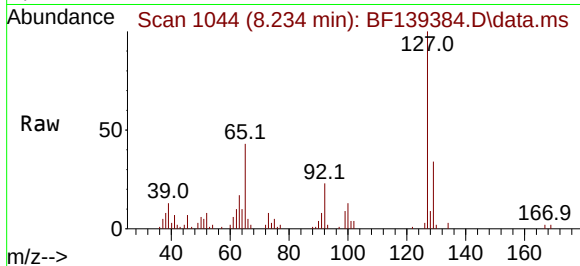




#33
4-Chloroaniline
Concen: 9.986 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

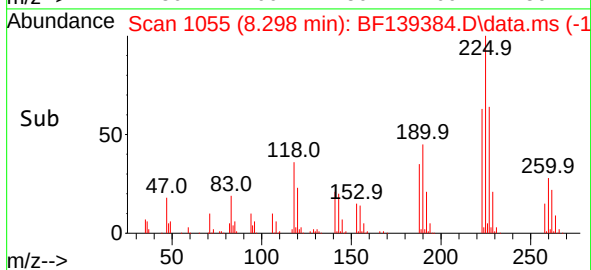
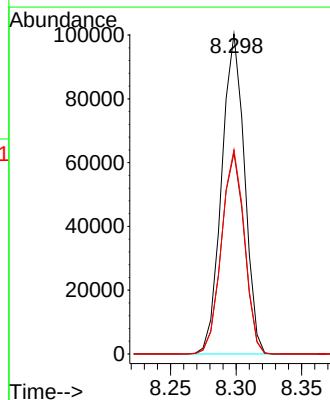
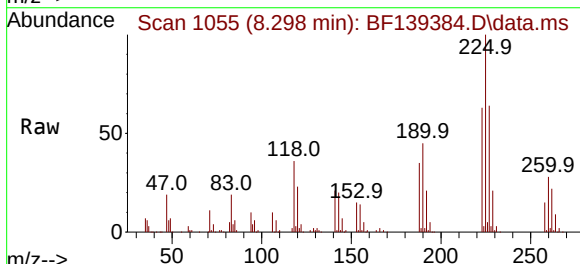
Instrument :
BNA_F
ClientSampleId :
RW-1MS

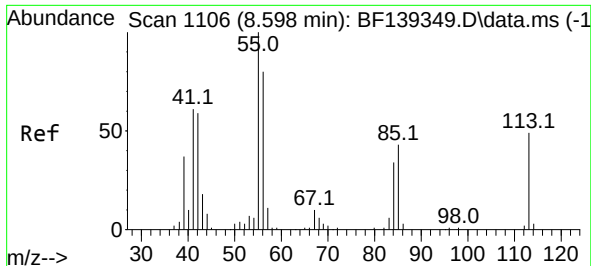
Tgt Ion:	127	Resp:	39017
Ion Ratio	Lower	Upper	
127	100		
129	33.9	25.5	38.3
65	42.6	31.5	47.3
92	22.9	17.6	26.4



#34
Hexachlorobutadiene
Concen: 43.825 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:	225	Resp:	121308
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.1	75.1
227	63.9	51.0	76.6

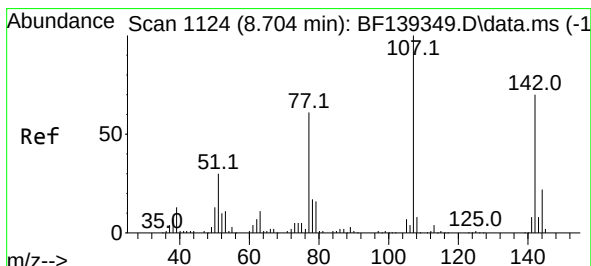
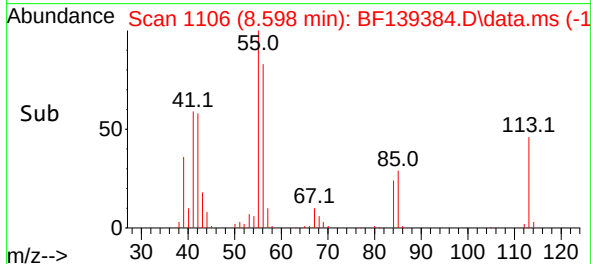
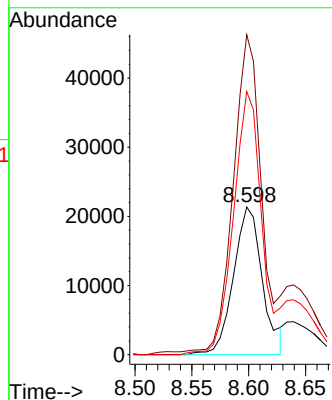
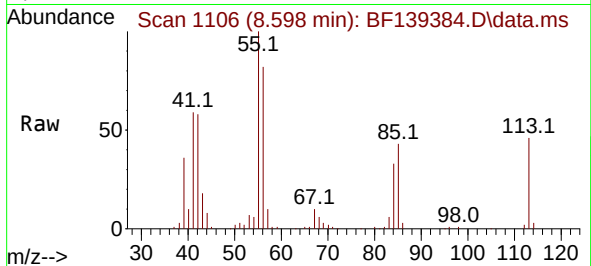




#35
 Caprolactam
 Concen: 34.989 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF139384.D
 Acq: 16 Sep 2024 17:55

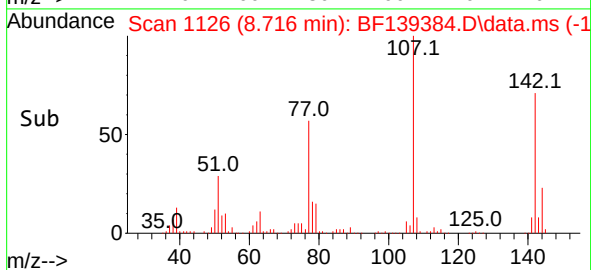
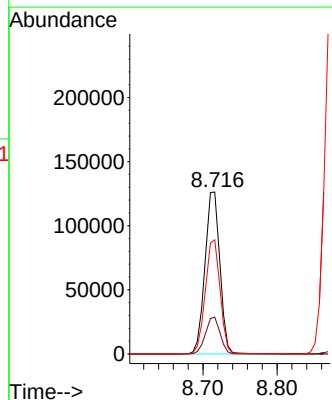
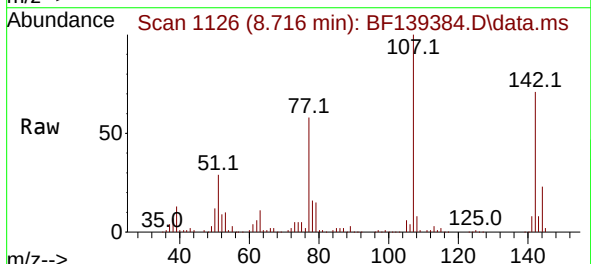
Instrument :
 BNA_F
 ClientSampleId :
 RW-1MS

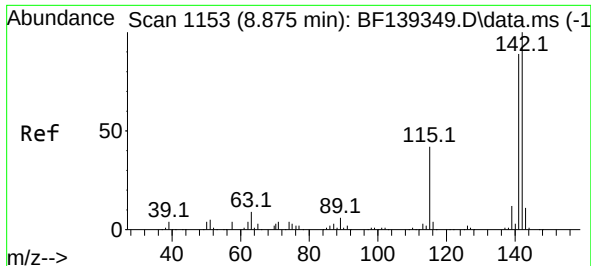
Tgt Ion:113 Resp: 37636
 Ion Ratio Lower Upper
 113 100
 55 216.6 186.1 226.1
 56 178.2 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 44.464 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139384.D
 Acq: 16 Sep 2024 17:55

Tgt Ion:107 Resp: 177692
 Ion Ratio Lower Upper
 107 100
 144 22.7 17.5 26.3
 142 70.5 55.8 83.8

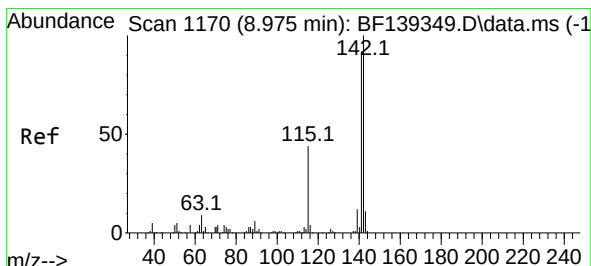
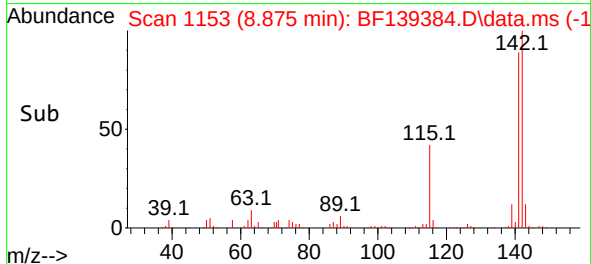
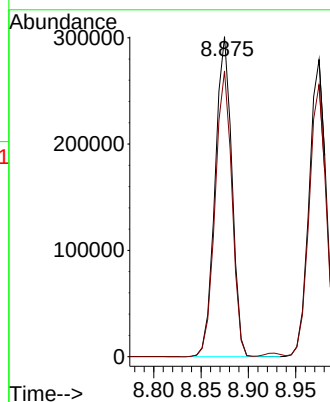
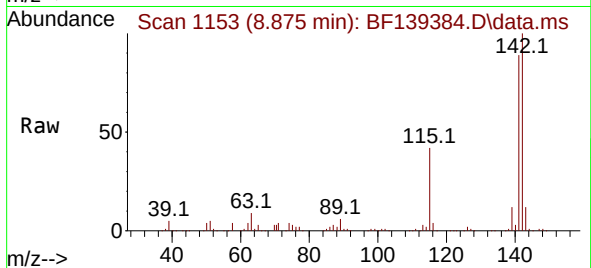




#37
2-Methylnaphthalene
Concen: 45.764 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

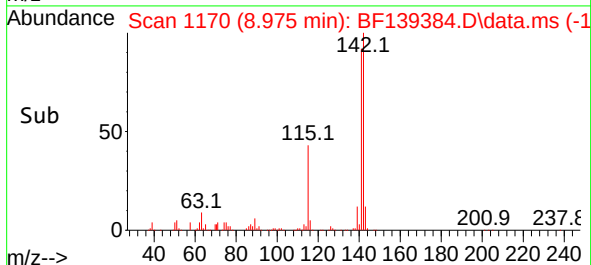
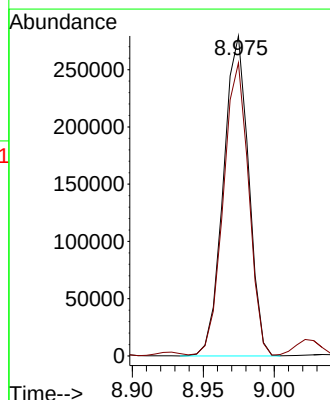
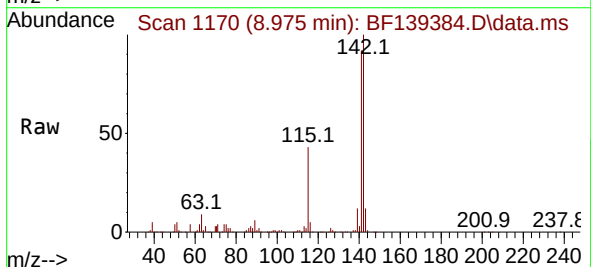
Instrument :
BNA_F
ClientSampleId :
RW-1MS

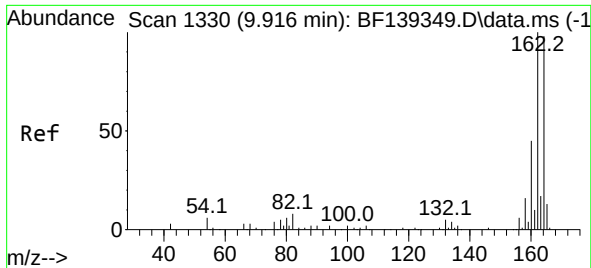
Tgt Ion:142 Resp: 370996
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4



#38
1-Methylnaphthalene
Concen: 43.471 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:142 Resp: 345987
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8

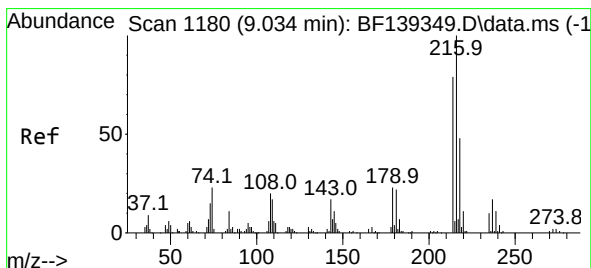
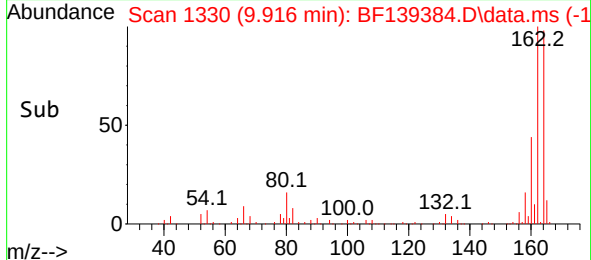
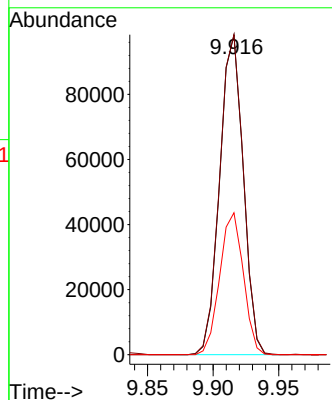
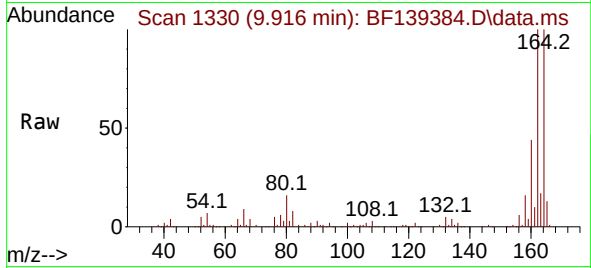




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

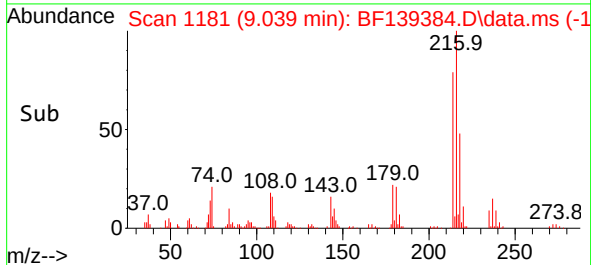
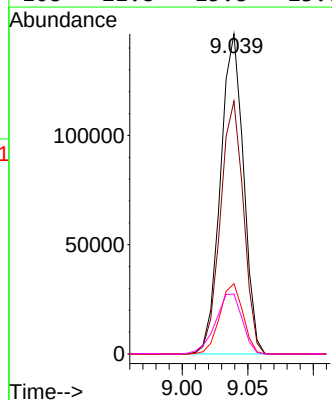
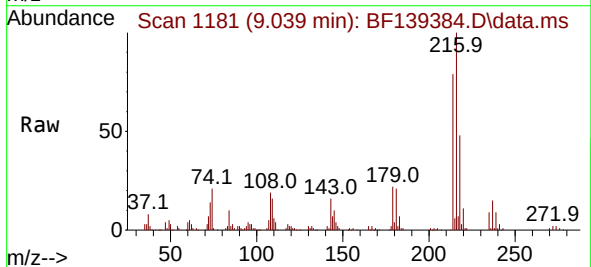
Instrument :
BNA_F
ClientSampleId :
RW-1MS

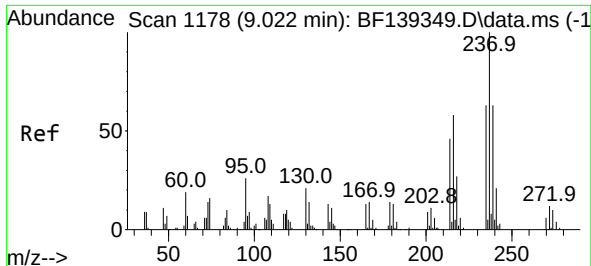
Tgt Ion:164 Resp: 122439
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 44.4 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.353 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:216 Resp: 179086
Ion Ratio Lower Upper
216 100
214 79.0 63.4 95.0
179 22.0 18.2 27.2
108 21.8 15.8 23.6

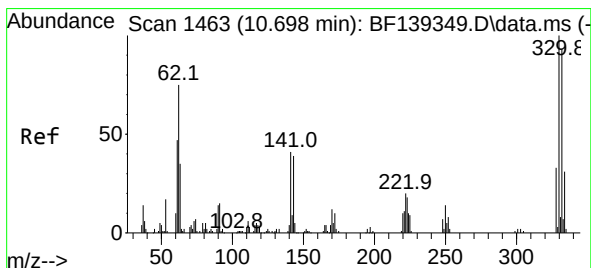
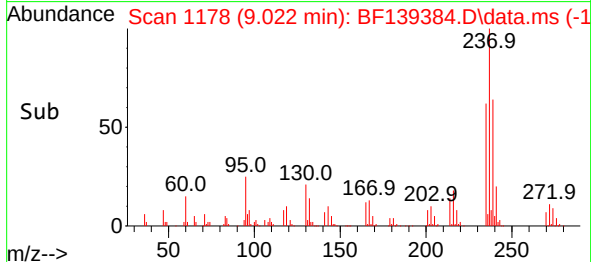
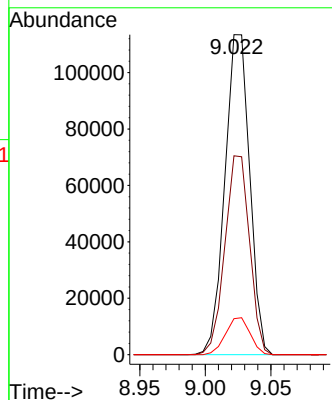
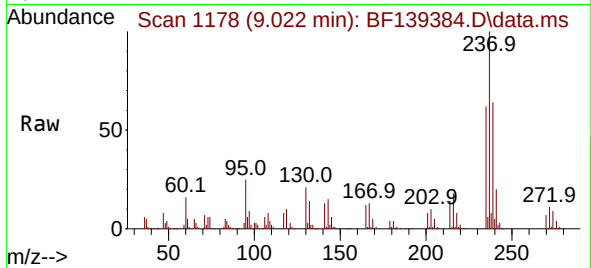




#41
Hexachlorocyclopentadiene
Concen: 117.799 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

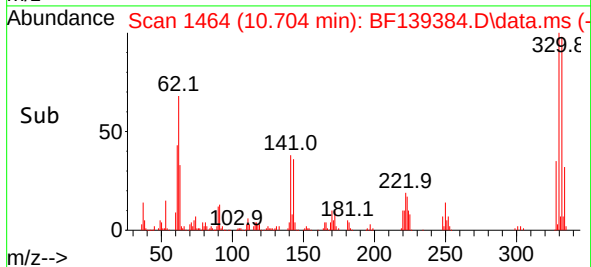
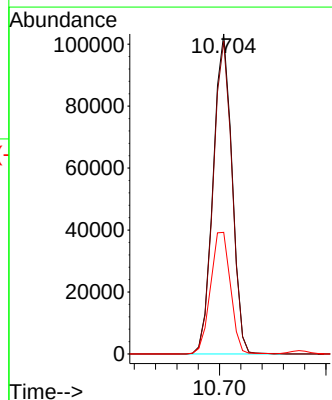
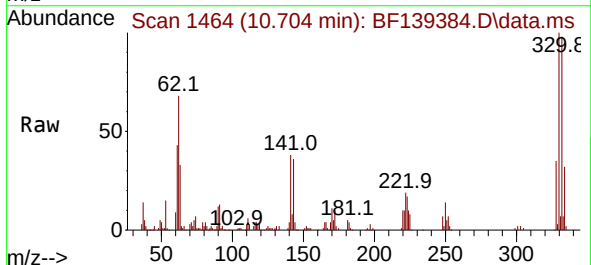
Instrument :
BNA_F
ClientSampleId :
RW-1MS

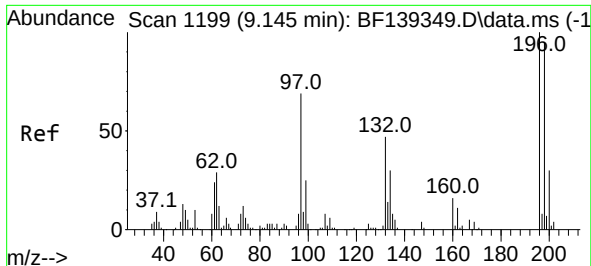
Tgt Ion:237 Resp: 149250
Ion Ratio Lower Upper
237 100
235 62.2 42.7 82.7
272 11.2 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 97.059 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:330 Resp: 126518
Ion Ratio Lower Upper
330 100
332 97.7 75.2 112.8
141 40.3 31.2 46.8

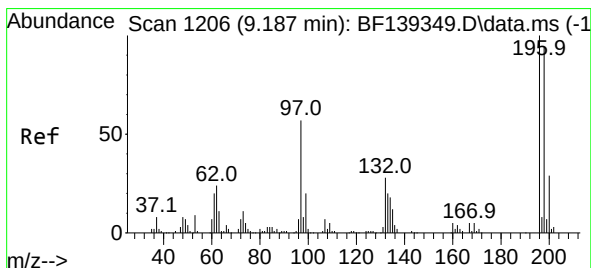
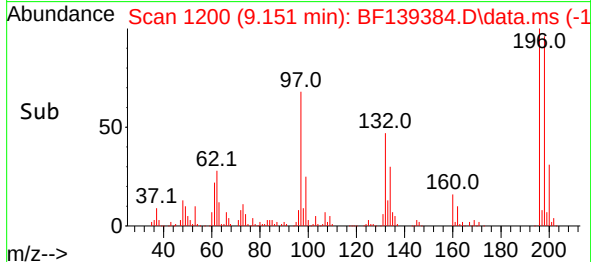
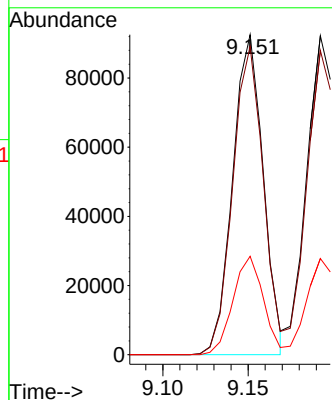
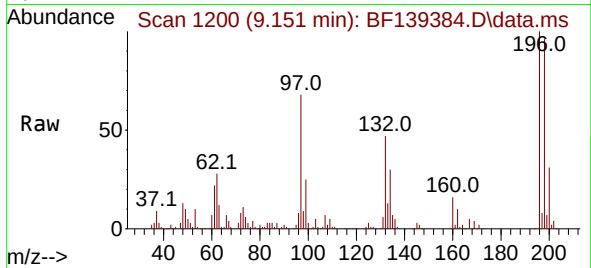




#43
2,4,6-Trichlorophenol
Concen: 48.779 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

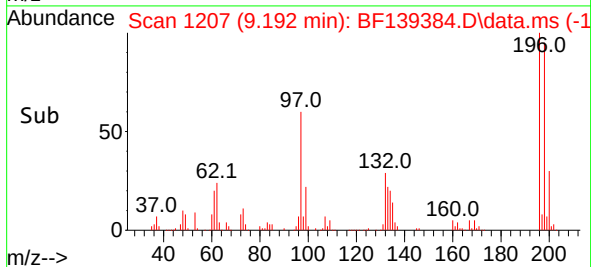
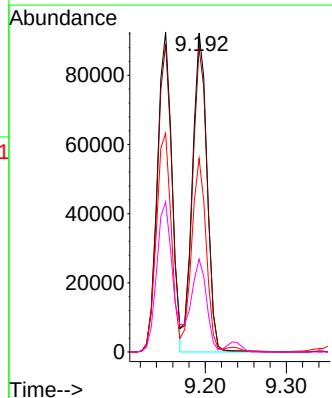
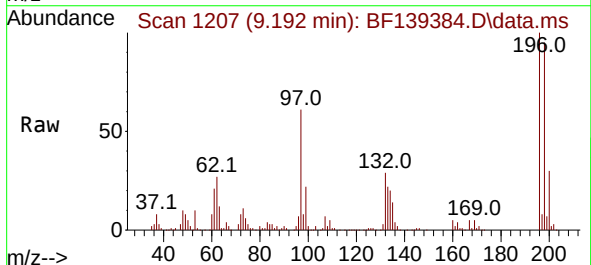
Instrument :
BNA_F
ClientSampleId :
RW-1MS

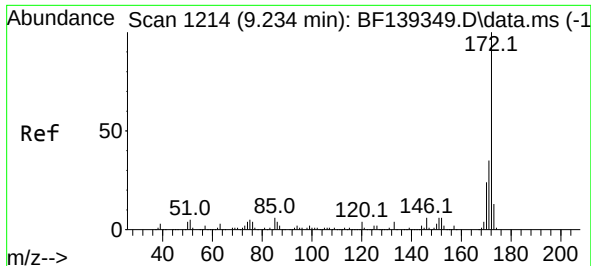
Tgt Ion:196 Resp: 115158
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.6
200 30.8 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 46.762 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:196 Resp: 116451
Ion Ratio Lower Upper
196 100
198 95.4 74.8 112.2
97 60.7 47.3 70.9
132 29.1 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 79.178 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

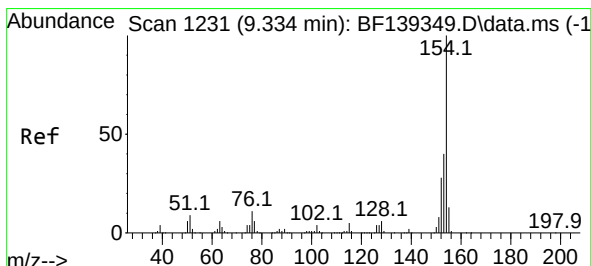
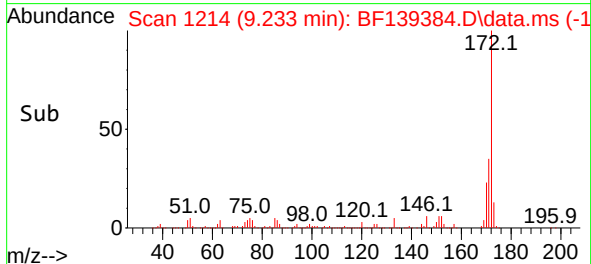
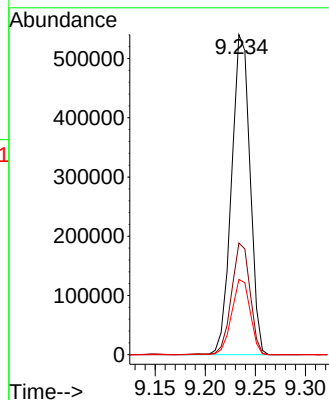
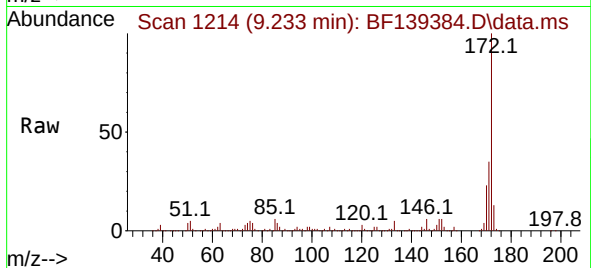
Tgt Ion:172 Resp: 691216

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.5 19.0 28.6



#46

1,1'-Biphenyl

Concen: 49.500 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

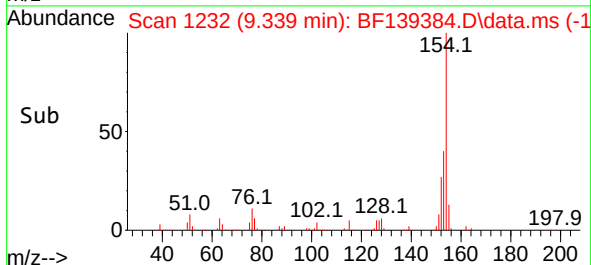
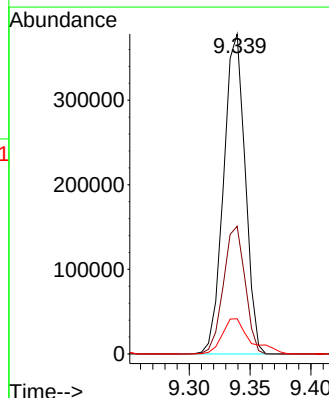
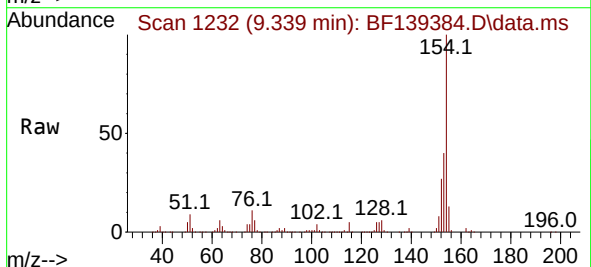
Tgt Ion:154 Resp: 466270

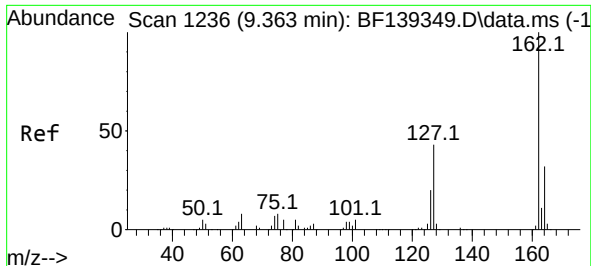
Ion Ratio Lower Upper

154 100

153 39.9 20.1 60.1

76 11.0 0.0 31.1

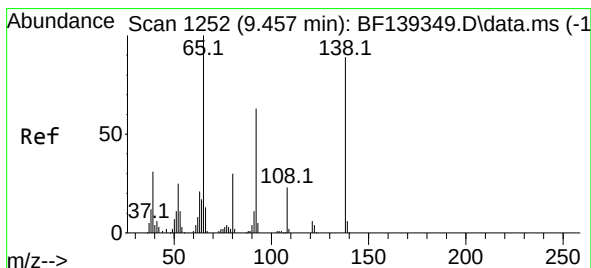
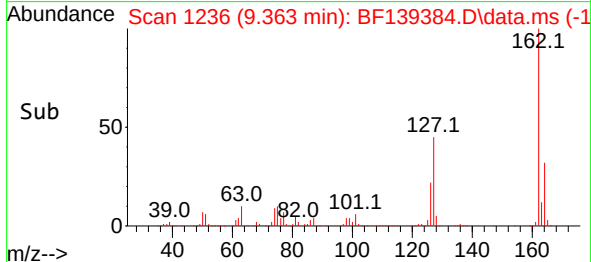
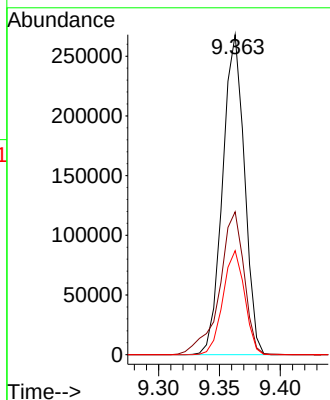
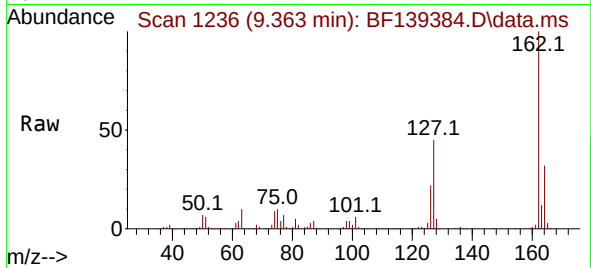




#47
2-Chloronaphthalene
Concen: 47.428 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

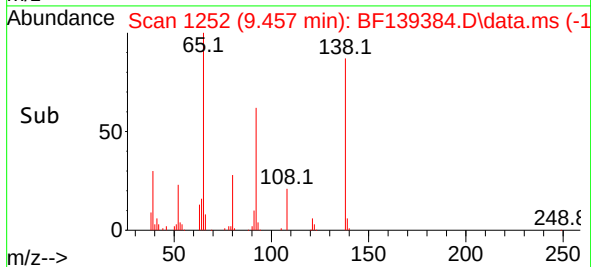
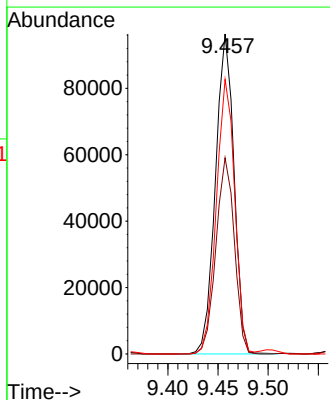
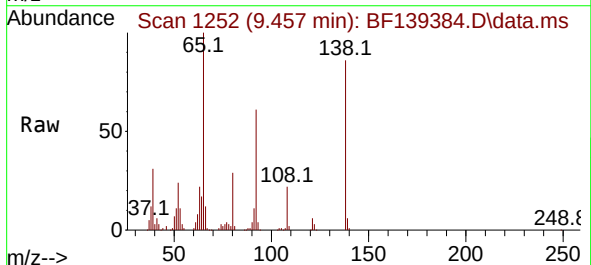
Instrument :
BNA_F
ClientSampleId :
RW-1MS

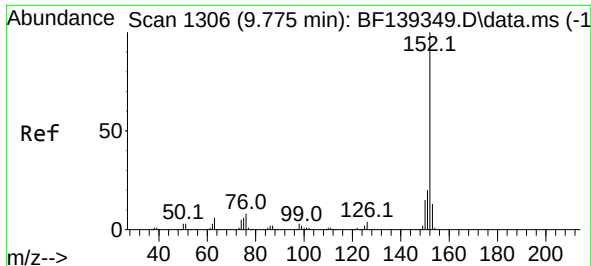
Tgt Ion:162 Resp: 334038
Ion Ratio Lower Upper
162 100
127 44.7 35.0 52.4
164 32.5 25.8 38.6



#48
2-Nitroaniline
Concen: 47.241 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion: 65 Resp: 123752
Ion Ratio Lower Upper
65 100
92 61.3 50.3 75.5
138 85.8 71.3 106.9





#49

Acenaphthylene

Concen: 50.658 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

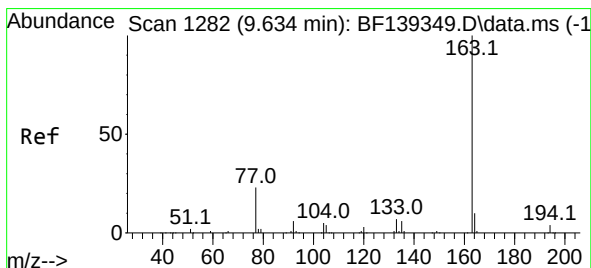
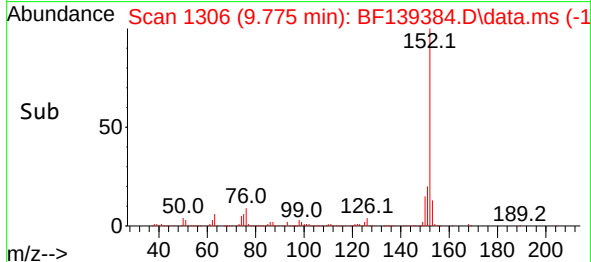
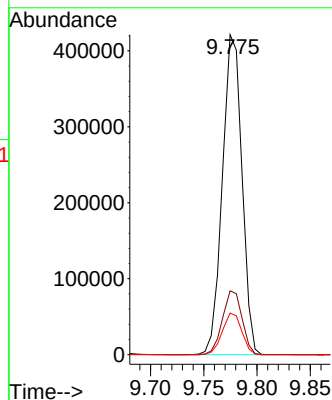
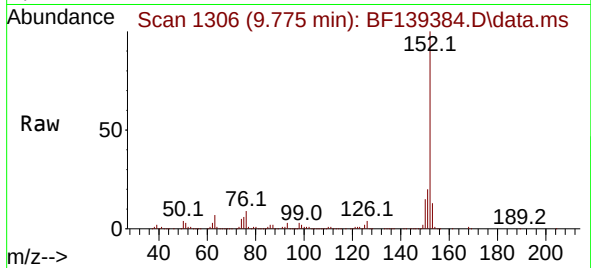
Tgt Ion:152 Resp: 537070

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.2

153 13.0 10.3 15.5



#50

Dimethylphthalate

Concen: 49.881 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.006 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

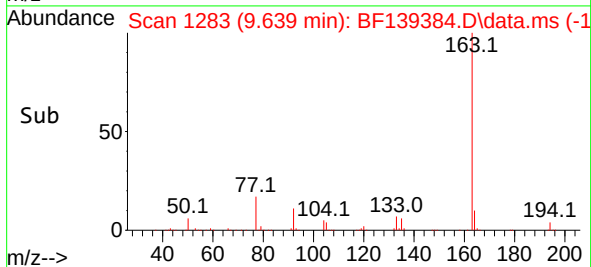
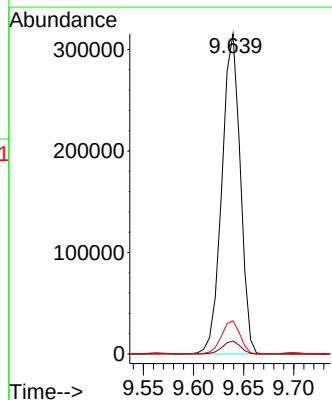
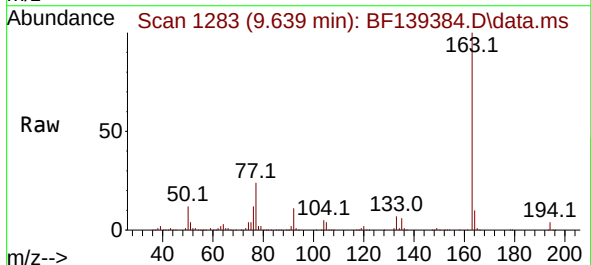
Tgt Ion:163 Resp: 400855

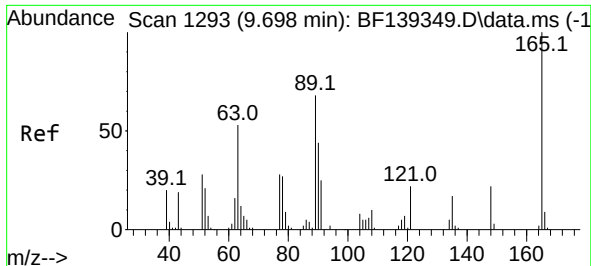
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.4 8.2 12.2

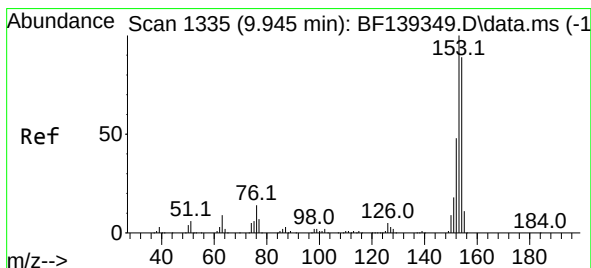
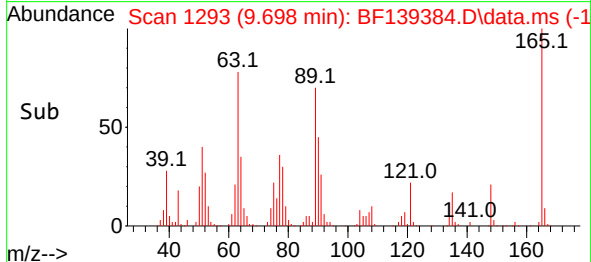
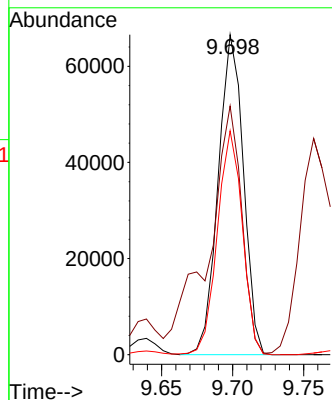
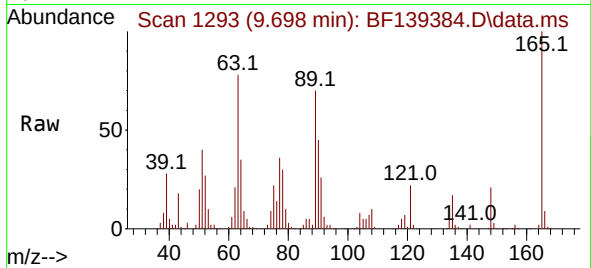




#51
2,6-Dinitrotoluene
Concen: 46.130 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

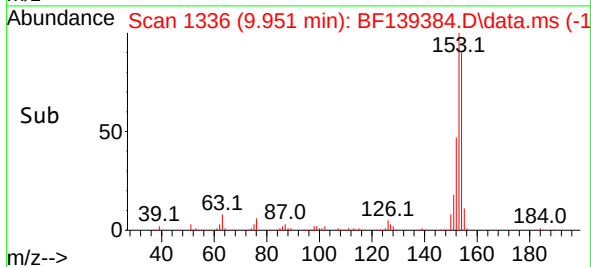
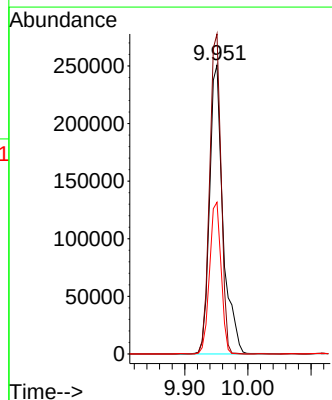
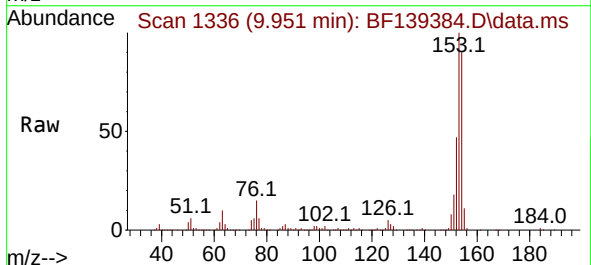
Instrument :
BNA_F
ClientSampleId :
RW-1MS

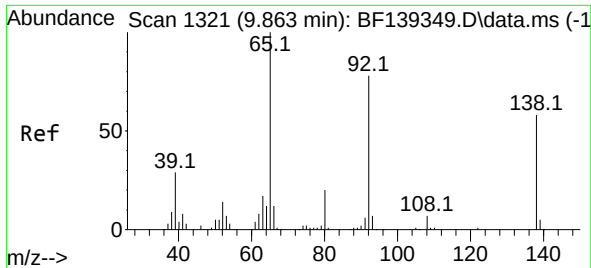
Tgt Ion:165 Resp: 82123
Ion Ratio Lower Upper
165 100
63 77.7 60.9 91.3
89 69.9 54.7 82.1



#52
Acenaphthene
Concen: 50.241 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:154 Resp: 371749
Ion Ratio Lower Upper
154 100
153 110.8 89.5 134.3
152 52.5 42.6 64.0

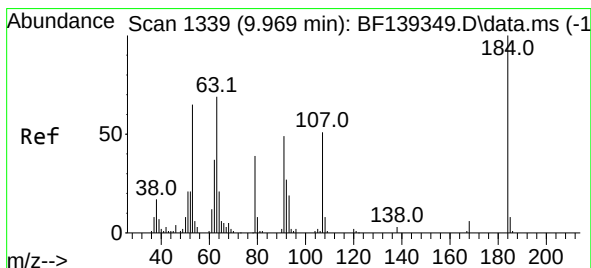
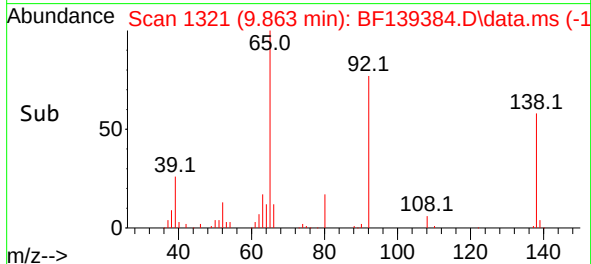
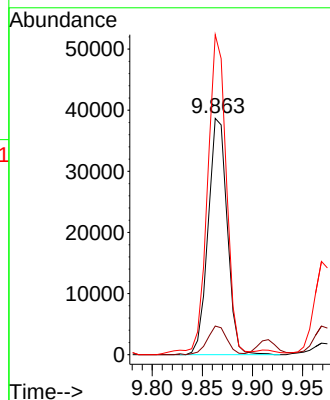
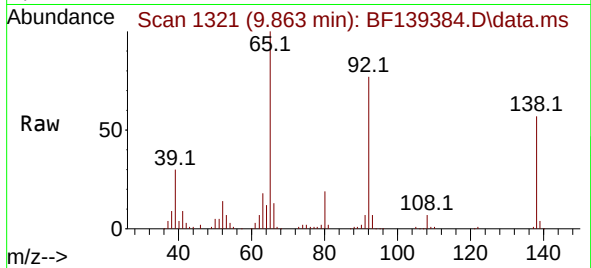




#53
3-Nitroaniline
Concen: 28.713 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

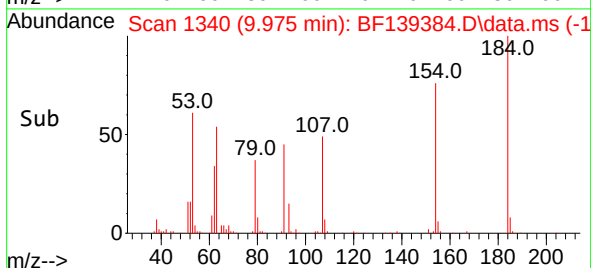
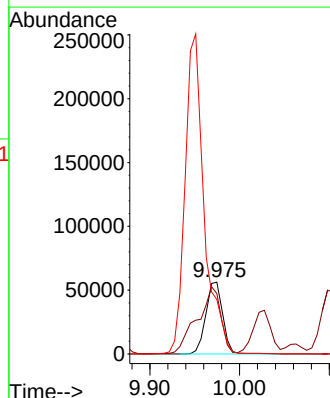
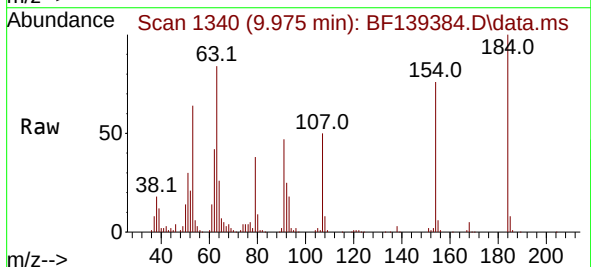
Instrument :
BNA_F
ClientSampleId :
RW-1MS

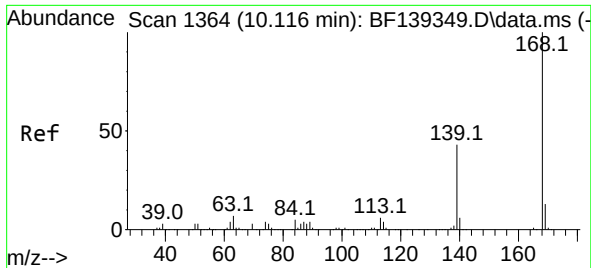
Tgt Ion:138 Resp: 51085
Ion Ratio Lower Upper
138 100
108 12.1 9.8 14.8
92 135.4 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 74.085 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:184 Resp: 73493
Ion Ratio Lower Upper
184 100
63 84.2 69.3 103.9
154 75.7 67.5 101.3

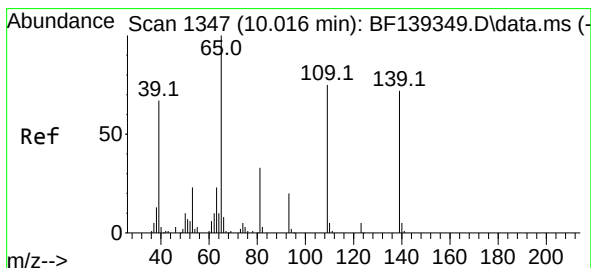
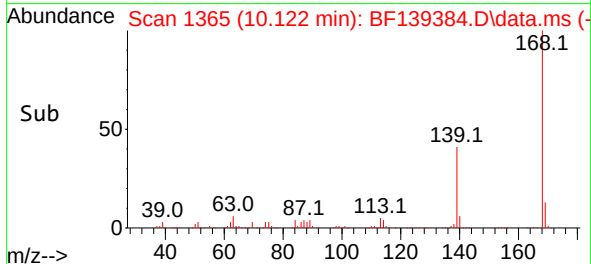
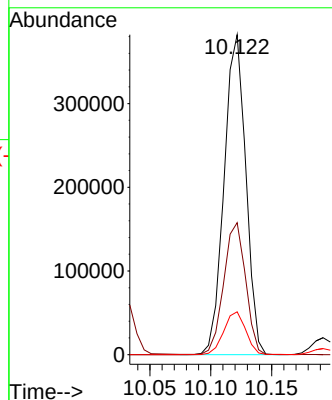
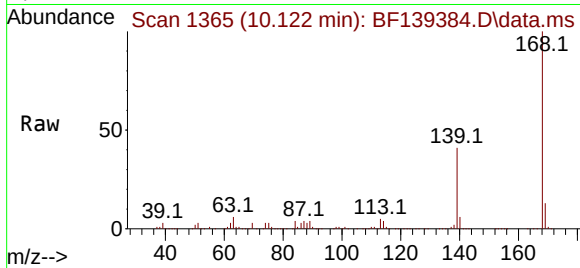




#55
Dibenzofuran
Concen: 45.993 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

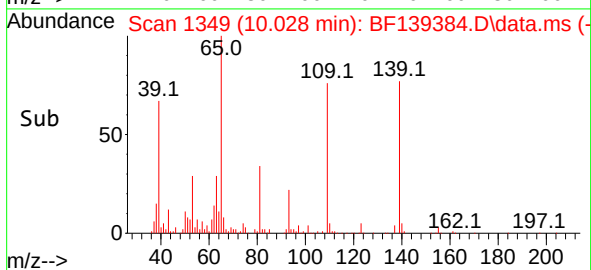
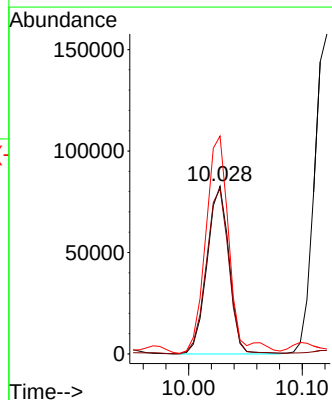
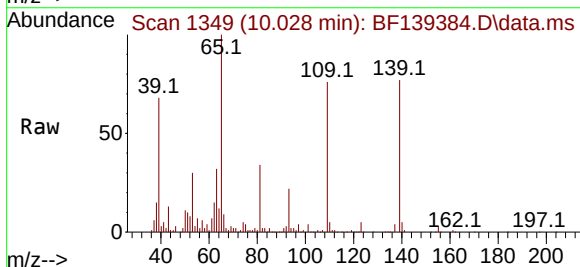
Instrument :
BNA_F
ClientSampleId :
RW-1MS

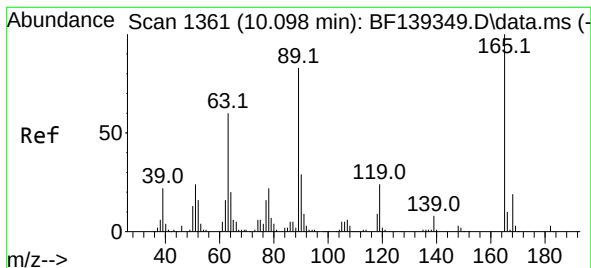
Tgt Ion:168 Resp: 474334
Ion Ratio Lower Upper
168 100
139 41.2 34.1 51.1
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 75.816 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:139 Resp: 111615
Ion Ratio Lower Upper
139 100
109 98.5 84.1 124.1
65 129.9 120.0 160.0

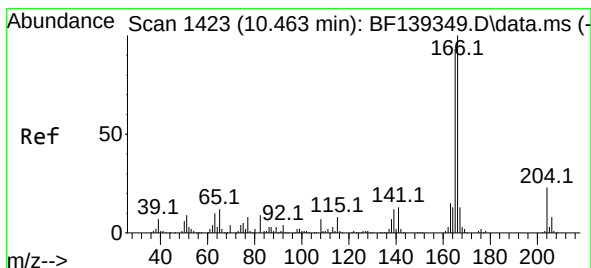
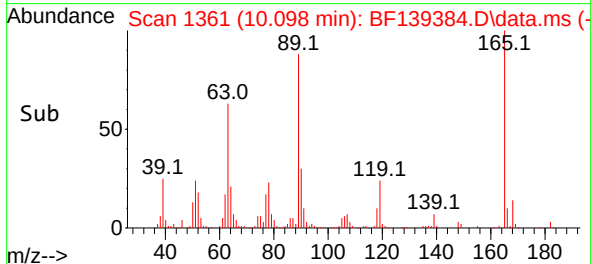
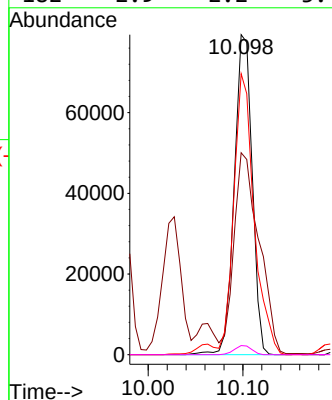
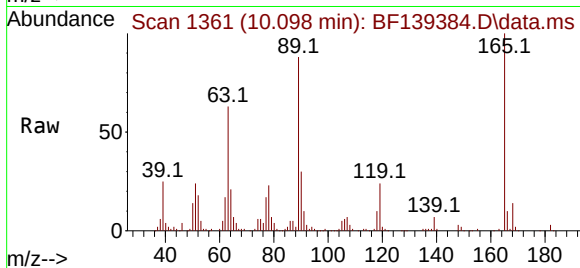




#57
2,4-Dinitrotoluene
Concen: 43.234 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

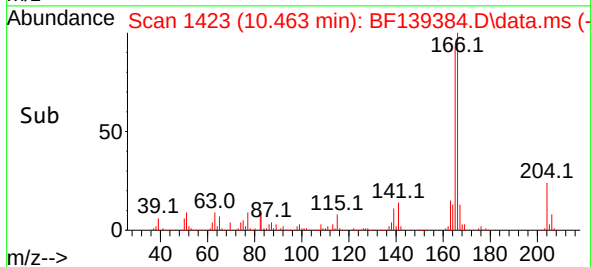
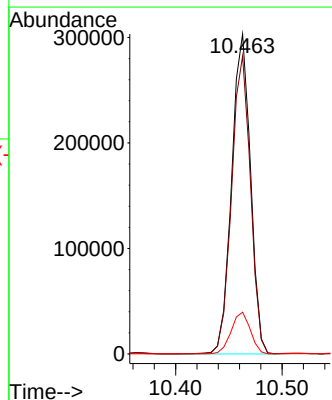
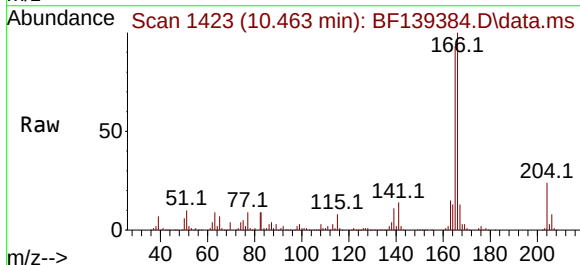
Instrument :
BNA_F
ClientSampleId :
RW-1MS

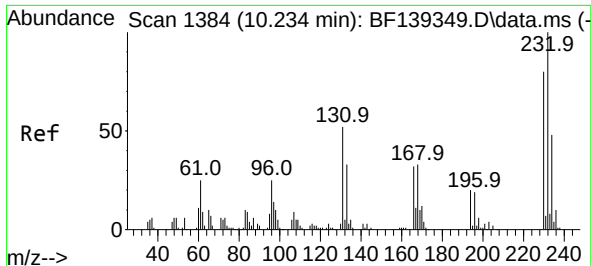
Tgt Ion:165 Resp: 103913
Ion Ratio Lower Upper
165 100
63 63.1 47.8 71.6
89 87.8 66.7 100.1
182 2.9 2.2 3.4



#58
Fluorene
Concen: 44.299 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:166 Resp: 372763
Ion Ratio Lower Upper
166 100
165 93.1 74.5 111.7
167 13.0 10.6 16.0

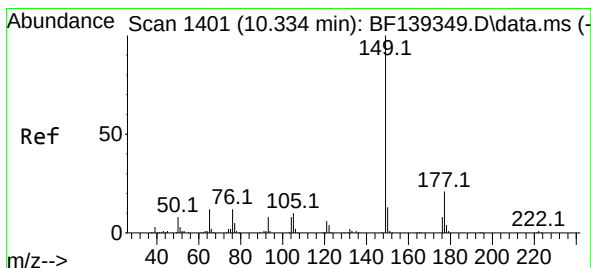
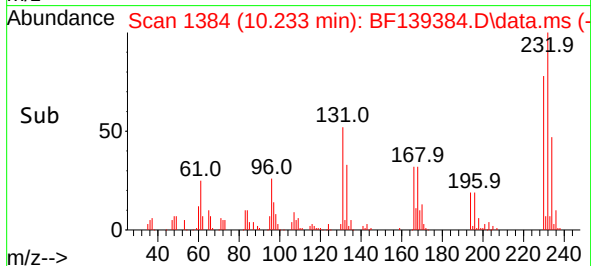
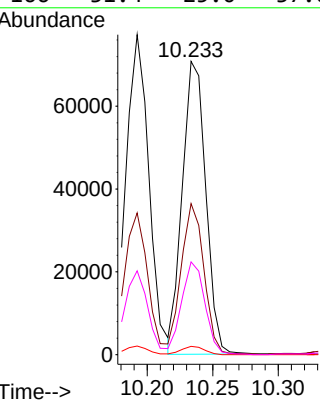
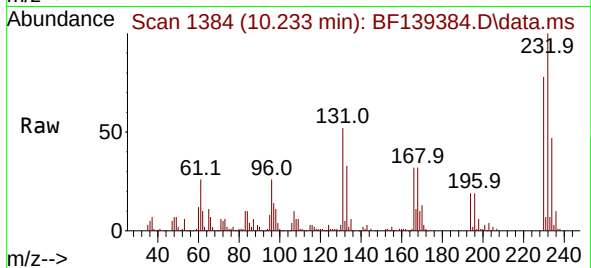




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.851 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

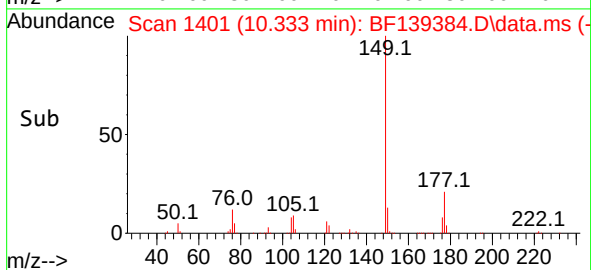
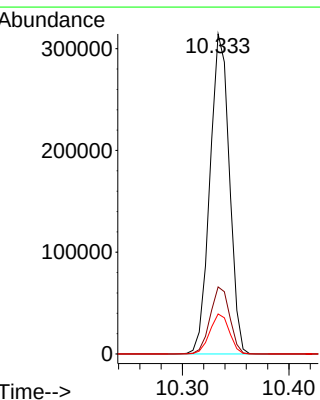
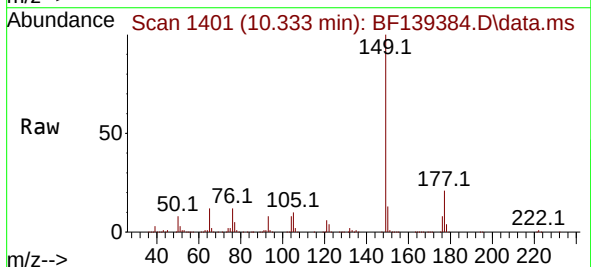
Instrument :
BNA_F
ClientSampleId :
RW-1MS

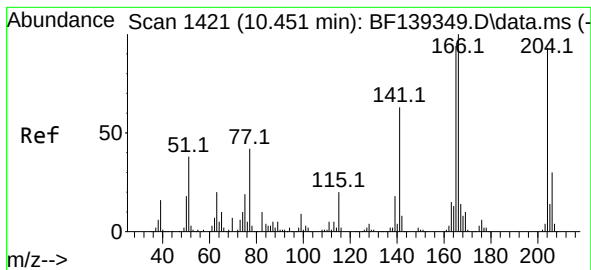
Tgt Ion:232 Resp: 88273
Ion Ratio Lower Upper
232 100
131 50.2 40.7 61.1
130 2.8 2.2 3.2
166 31.4 25.0 37.6



#60
Diethylphthalate
Concen: 47.971 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:149 Resp: 397828
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 12.5 10.6 15.8

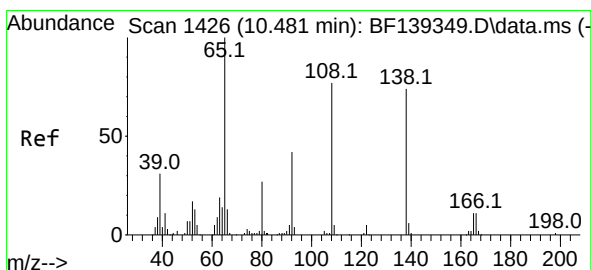
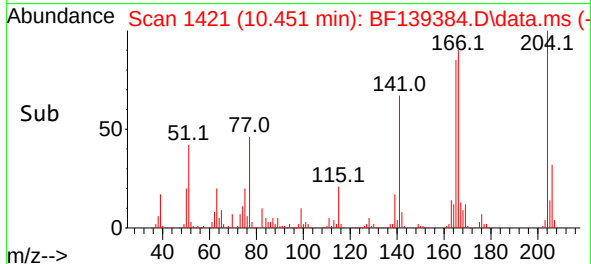
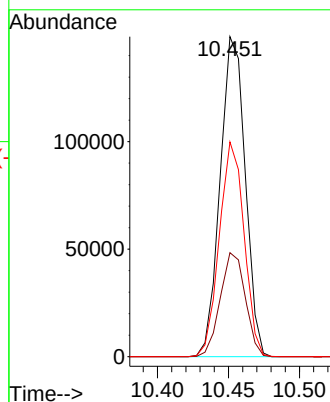
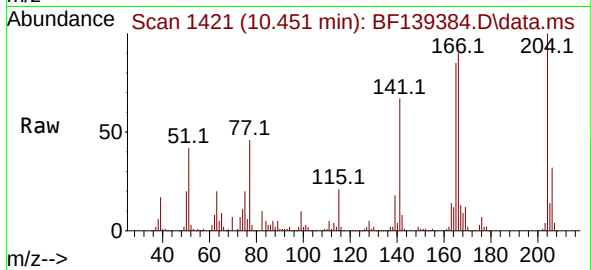




#61
4-Chlorophenyl-phenylether
Concen: 44.681 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

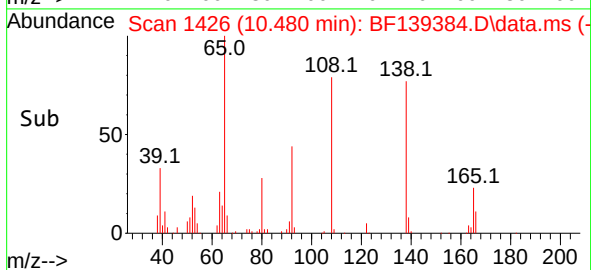
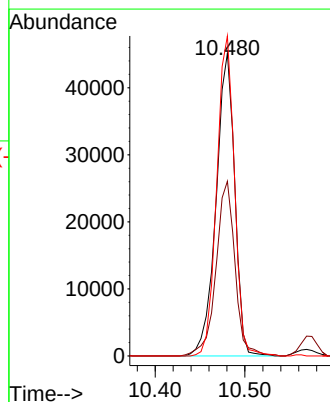
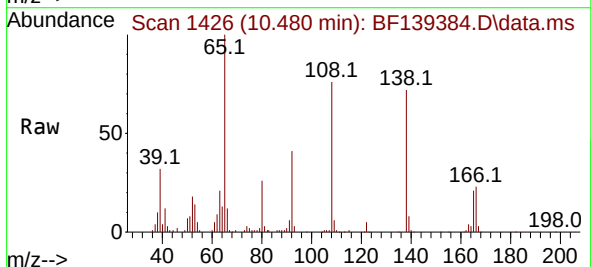
Instrument :
BNA_F
ClientSampleId :
RW-1MS

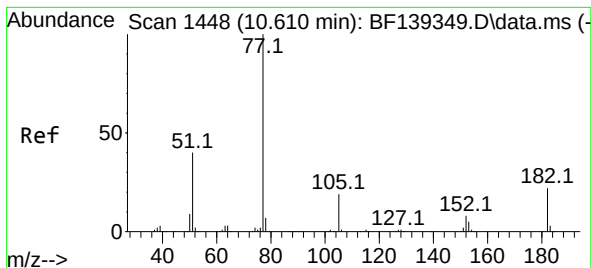
Tgt Ion:204 Resp: 182719
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 67.1 53.9 80.9



#62
4-Nitroaniline
Concen: 33.621 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:138 Resp: 65284
Ion Ratio Lower Upper
138 100
92 57.7 37.0 77.0
108 105.7 84.4 124.4





#63

Azobenzene

Concen: 50.217 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

Tgt Ion: 77 Resp: 409604

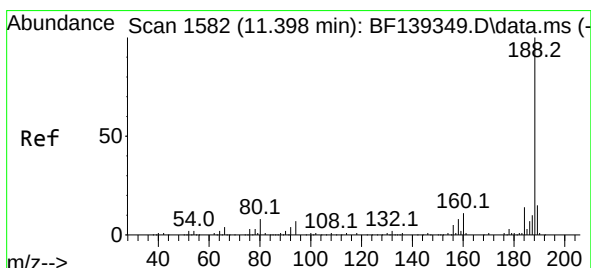
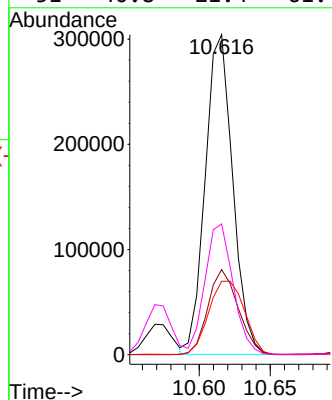
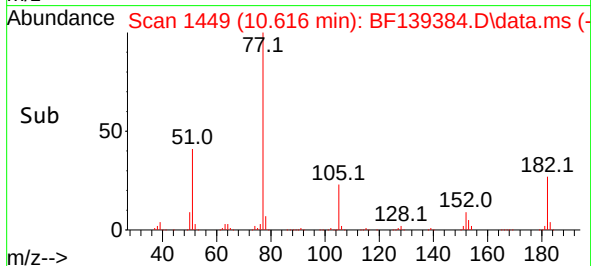
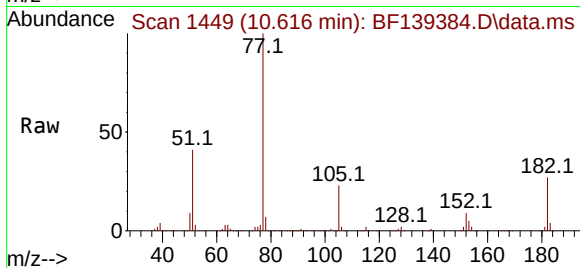
Ion Ratio Lower Upper

77 100

182 26.6 1.8 41.8

105 23.0 0.0 38.6

51 40.8 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: BF139384.D

Acq: 16 Sep 2024 17:55

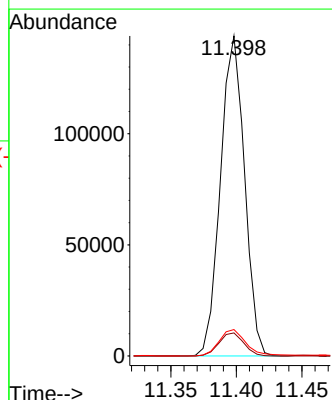
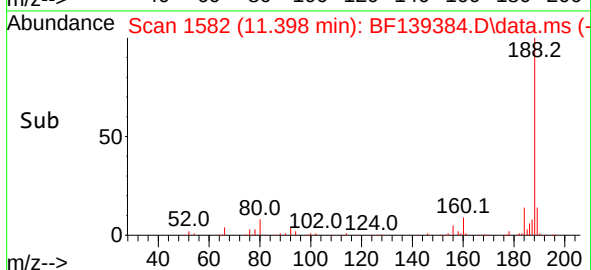
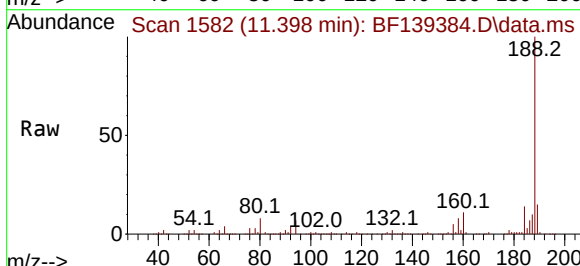
Tgt Ion:188 Resp: 183510

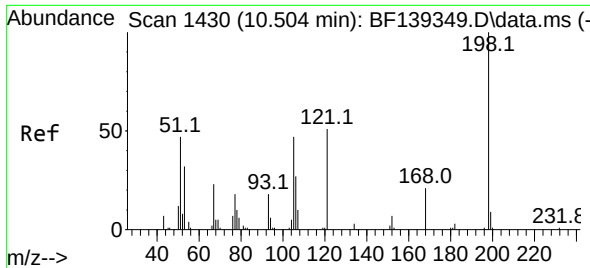
Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

80 8.3 6.6 9.8

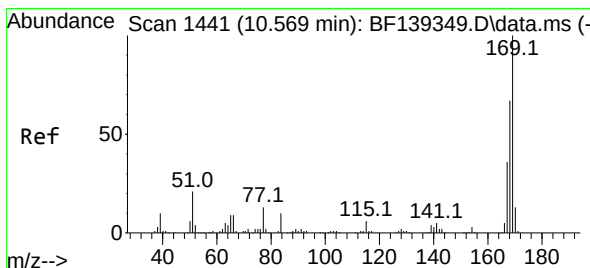
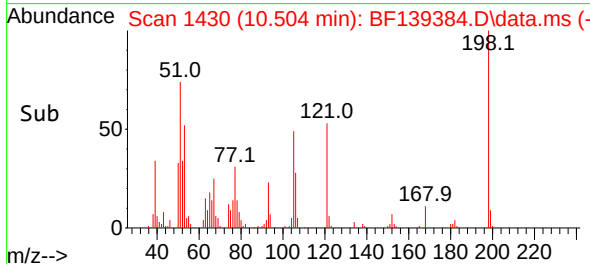
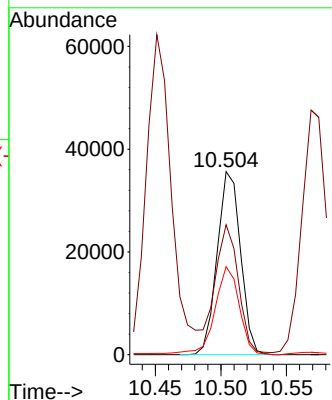
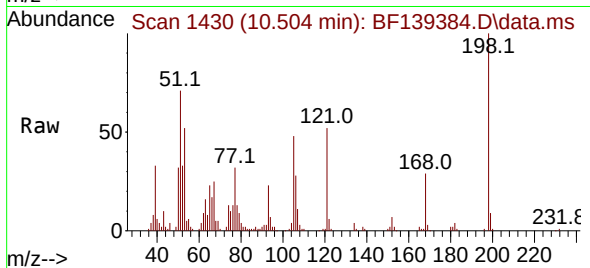




#65
4,6-Dinitro-2-methylphenol
Concen: 45.562 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

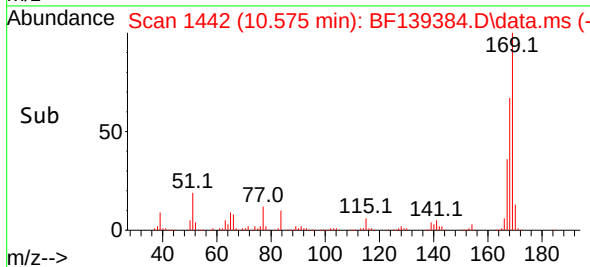
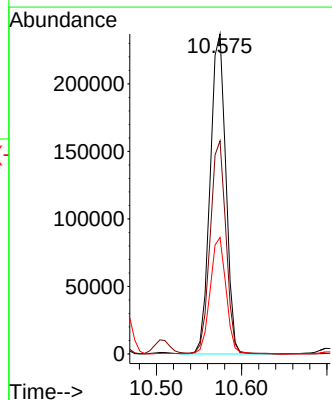
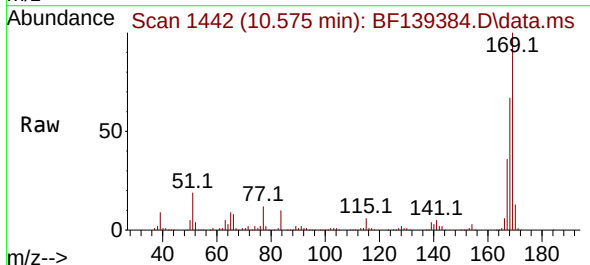
Instrument :
BNA_F
ClientSampleId :
RW-1MS

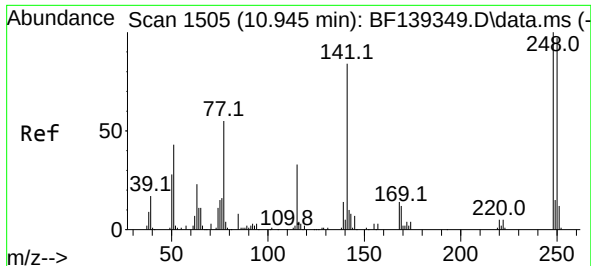
Tgt Ion:198 Resp: 44129
Ion Ratio Lower Upper
198 100
51 71.0 50.4 90.4
105 48.1 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 56.438 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:169 Resp: 302804
Ion Ratio Lower Upper
169 100
168 66.6 53.6 80.4
167 36.4 28.7 43.1

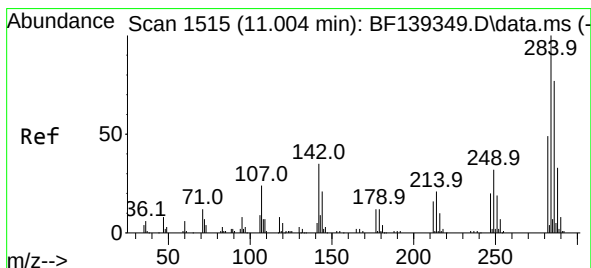
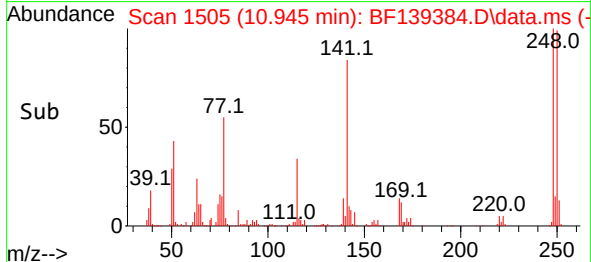
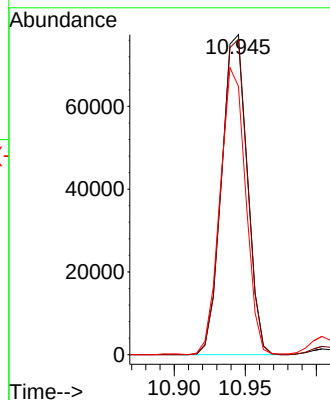
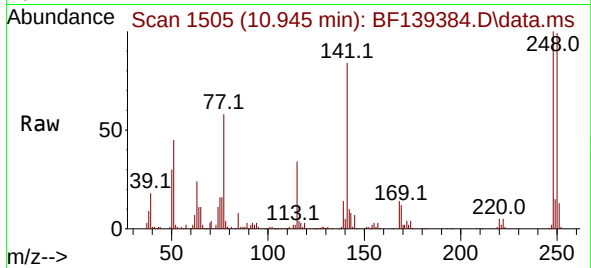




#67
4-Bromophenyl-phenylether
Concen: 53.595 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

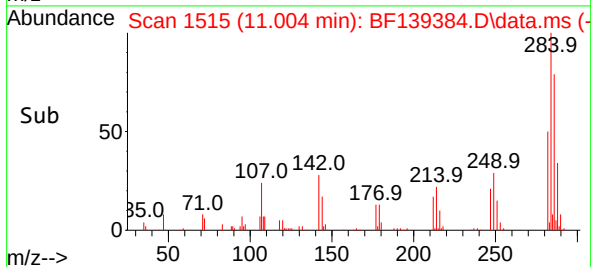
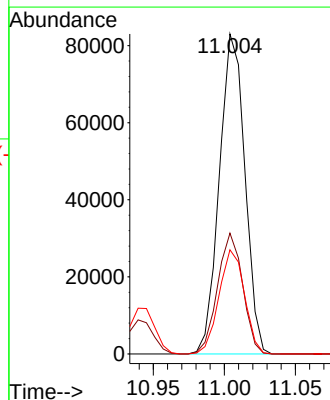
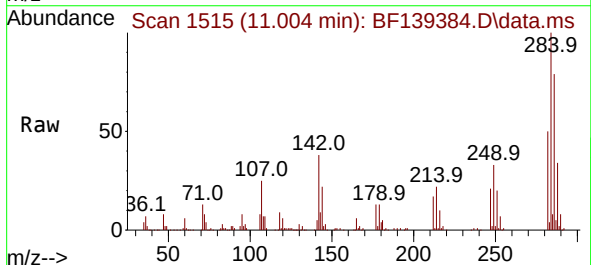
Instrument :
BNA_F
ClientSampleId :
RW-1MS

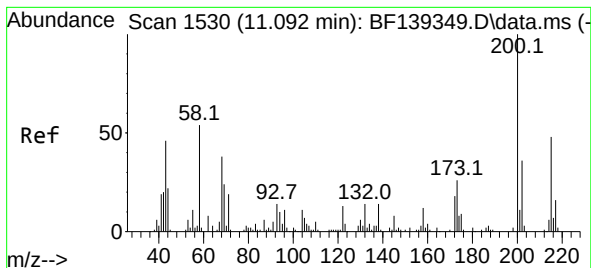
Tgt Ion:248 Resp: 97465
Ion Ratio Lower Upper
248 100
250 98.6 77.6 116.4
141 83.9 66.9 100.3



#68
Hexachlorobenzene
Concen: 48.617 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:284 Resp: 103762
Ion Ratio Lower Upper
284 100
142 37.7 28.0 42.0
249 32.5 25.3 37.9





#69

Atrazine

Concen: 72.722 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

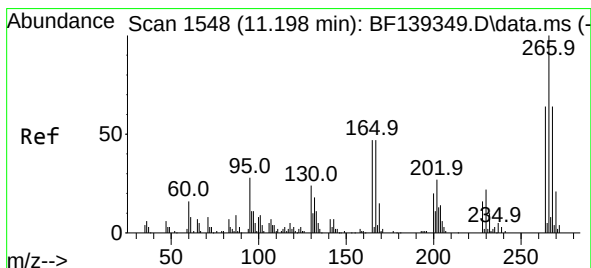
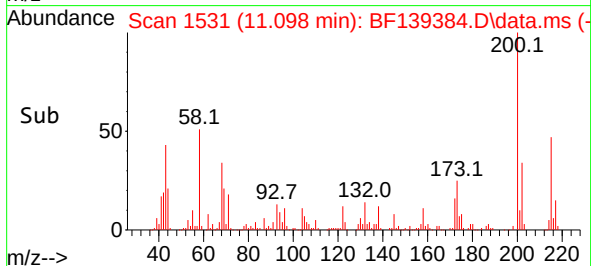
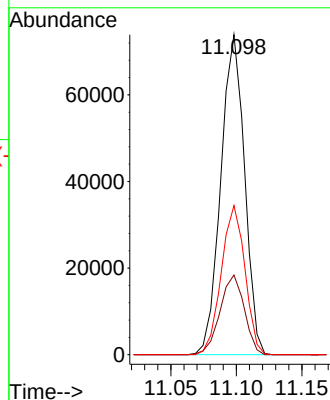
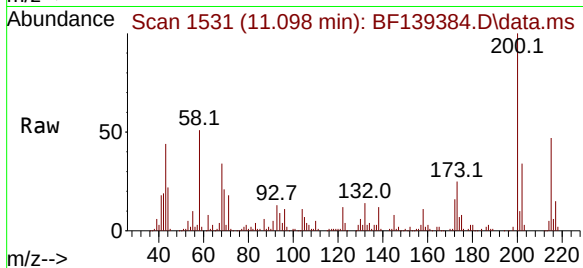
Tgt Ion:200 Resp: 92887

Ion Ratio Lower Upper

200 100

173 24.9 6.1 46.1

215 46.6 28.2 68.2



#70

Pentachlorophenol

Concen: 93.967 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

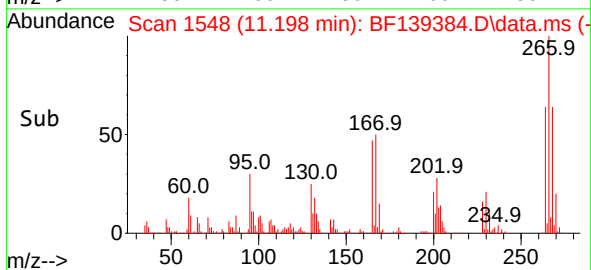
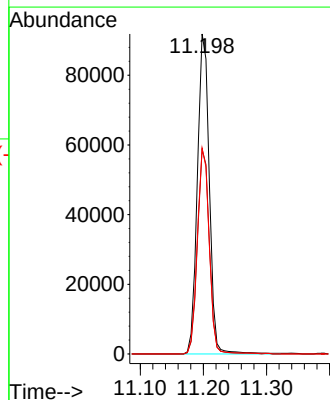
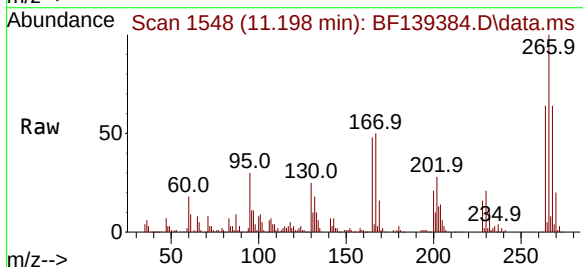
Tgt Ion:266 Resp: 120340

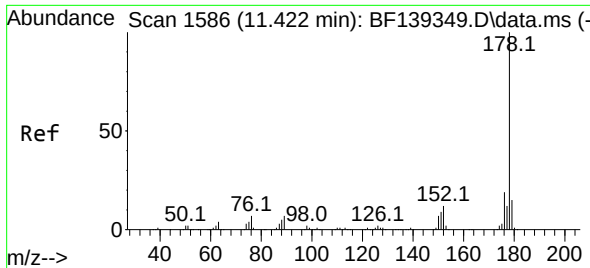
Ion Ratio Lower Upper

266 100

268 63.9 51.1 76.7

264 64.3 51.4 77.0

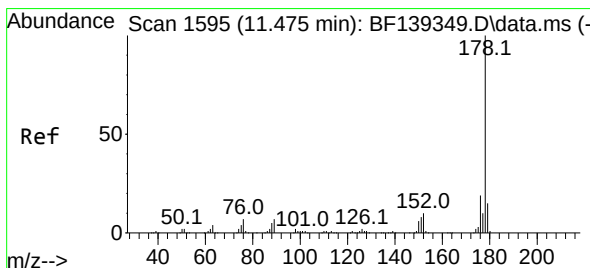
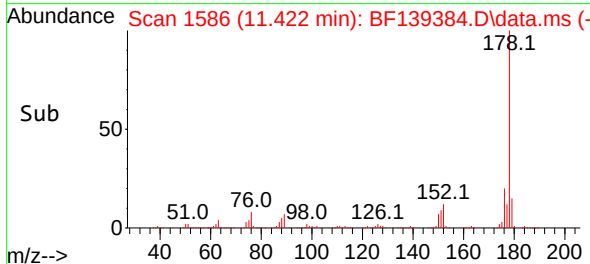
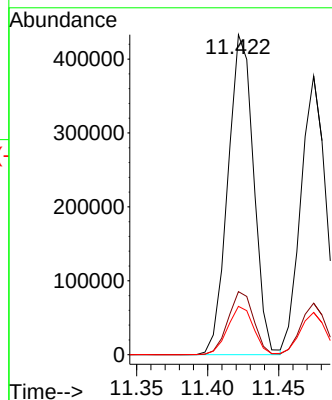
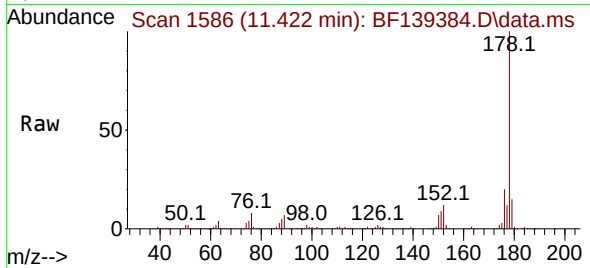




#71
Phenanthrene
Concen: 61.763 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

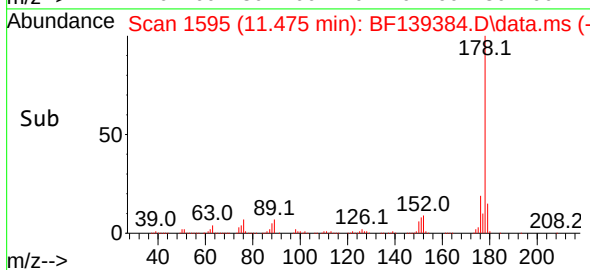
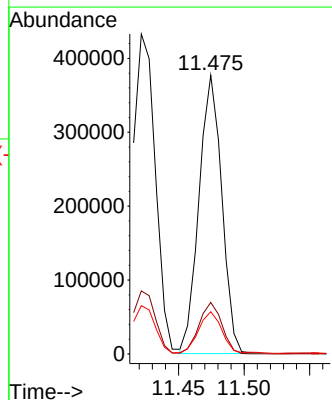
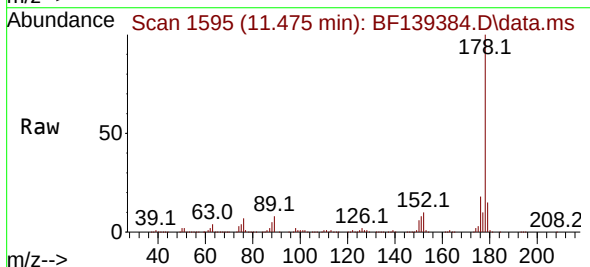
Instrument :
BNA_F
ClientSampleId :
RW-1MS

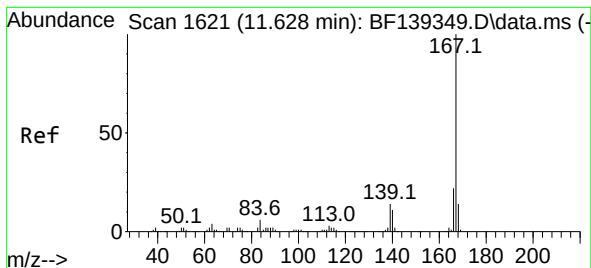
Tgt Ion:178 Resp: 546826
Ion Ratio Lower Upper
178 100
176 19.7 15.2 22.8
179 15.1 12.2 18.4



#72
Anthracene
Concen: 52.790 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:178 Resp: 456971
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.2 12.0 18.0





#73

Carbazole

Concen: 46.158 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

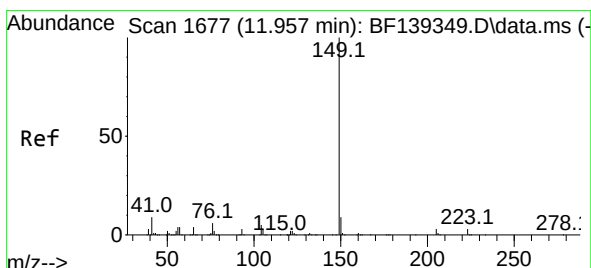
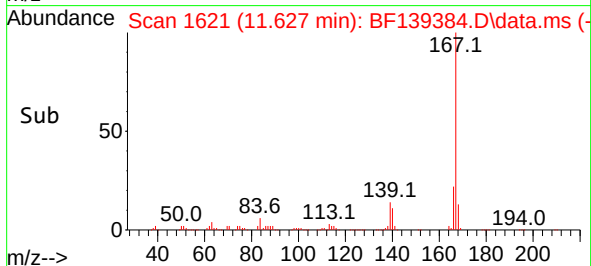
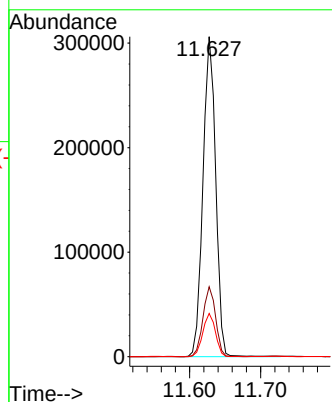
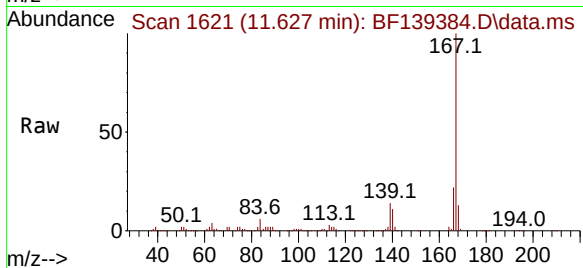
Tgt Ion:167 Resp: 382418

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 13.5 10.9 16.3



#74

Di-n-butylphthalate

Concen: 53.333 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

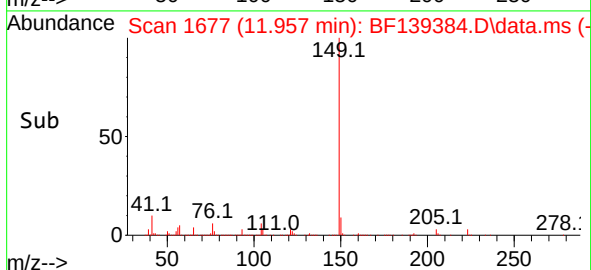
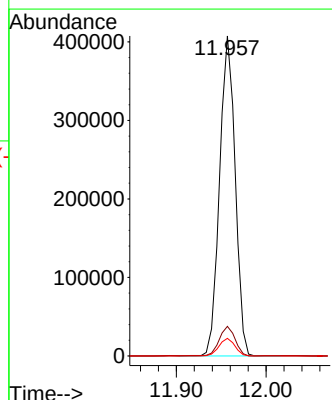
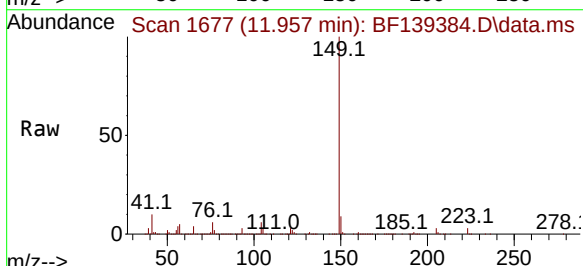
Tgt Ion:149 Resp: 492219

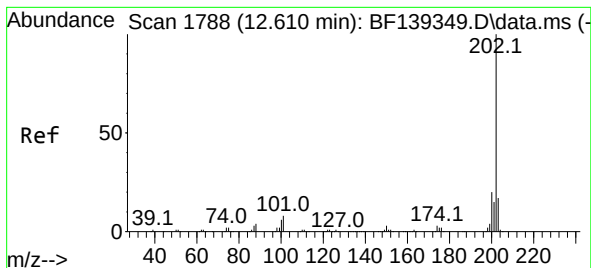
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 59.539 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

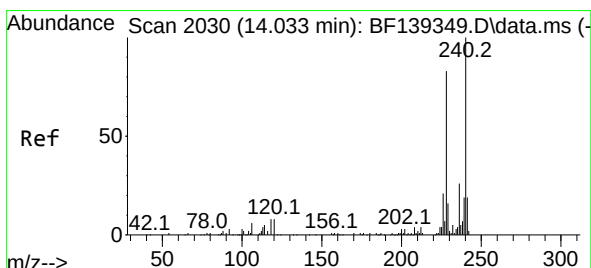
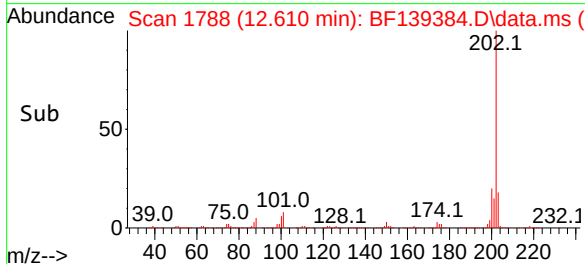
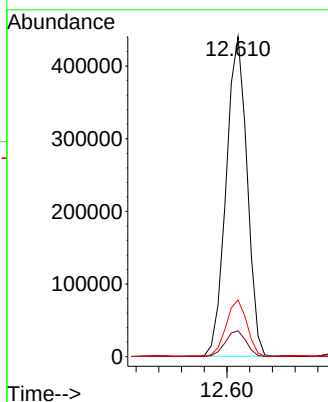
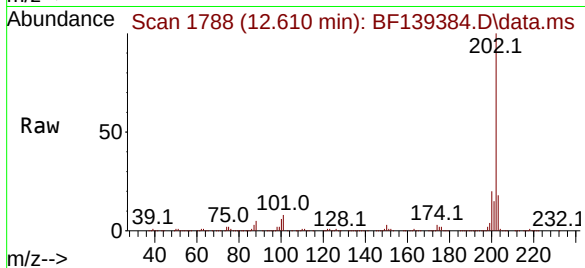
Tgt Ion:202 Resp: 562933

Ion Ratio Lower Upper

202 100

101 8.1 0.0 27.7

203 17.7 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: BF139384.D

Acq: 16 Sep 2024 17:55

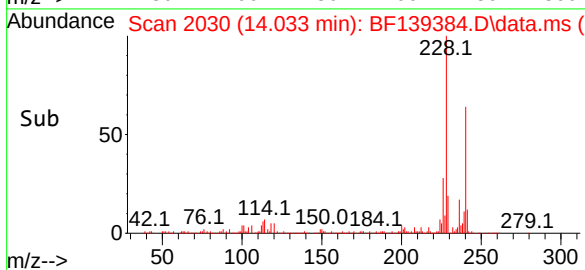
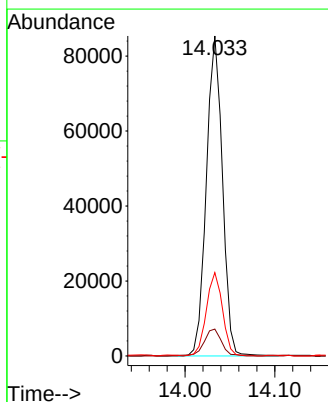
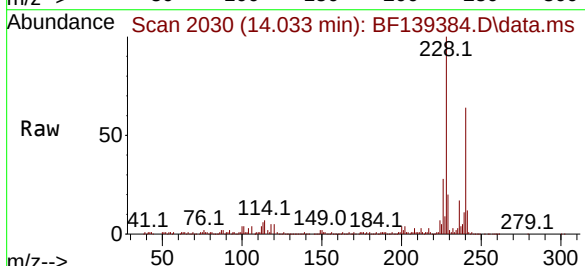
Tgt Ion:240 Resp: 106233

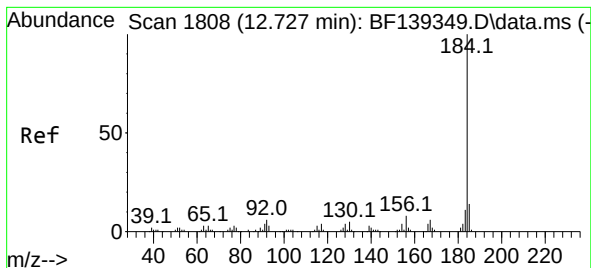
Ion Ratio Lower Upper

240 100

120 8.4 6.2 9.2

236 26.0 20.9 31.3





#77

Benzidine

Concen: 47.730 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

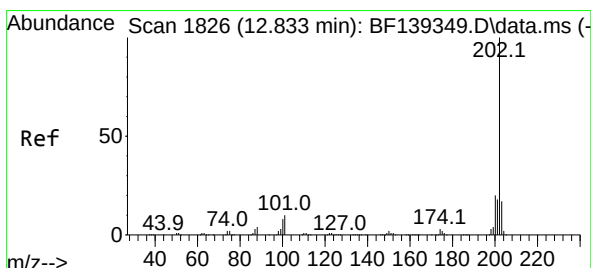
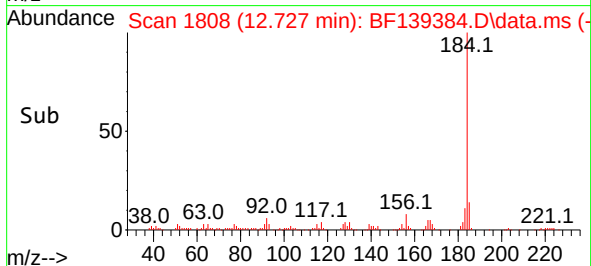
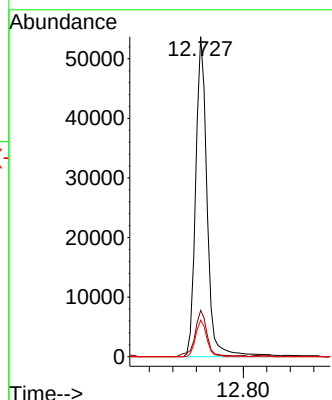
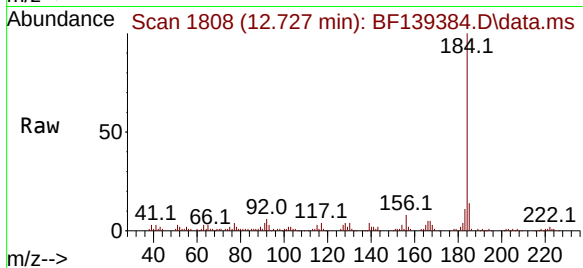
Tgt Ion:184 Resp: 72645

Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.4 8.9 13.3



#78

Pyrene

Concen: 61.037 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

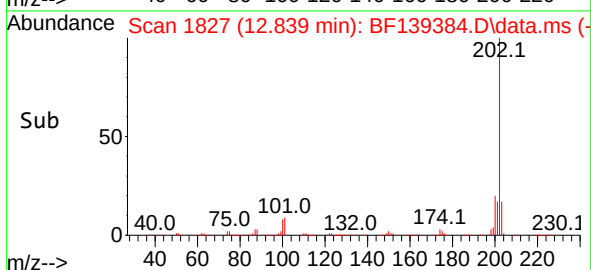
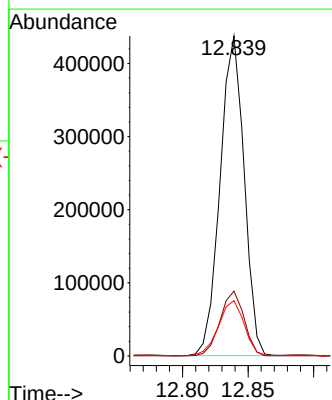
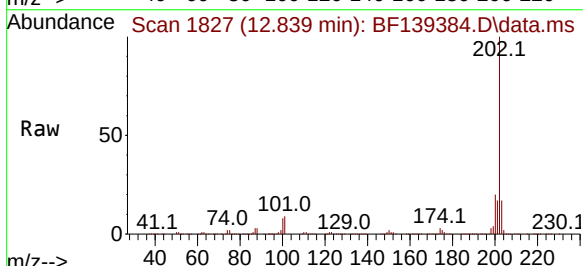
Tgt Ion:202 Resp: 556755

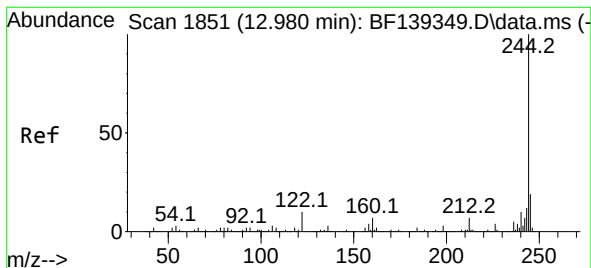
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 69.958 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

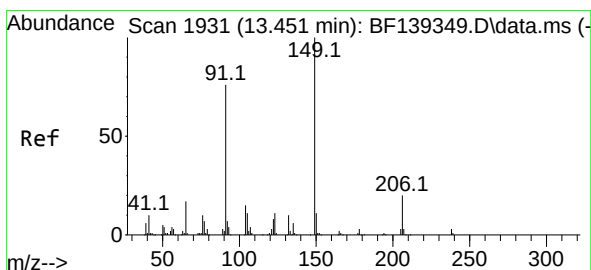
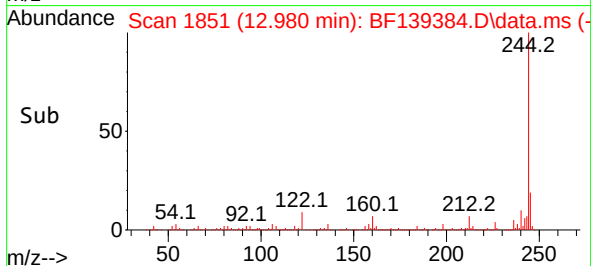
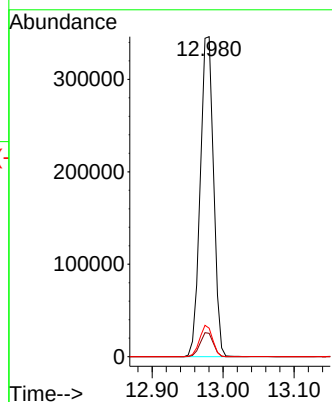
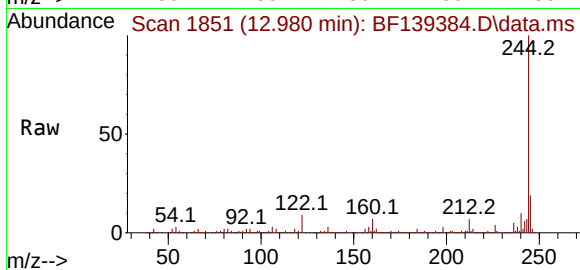
Tgt Ion:244 Resp: 452780

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 8.9 7.6 11.4



#80

Butylbenzylphthalate

Concen: 55.003 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

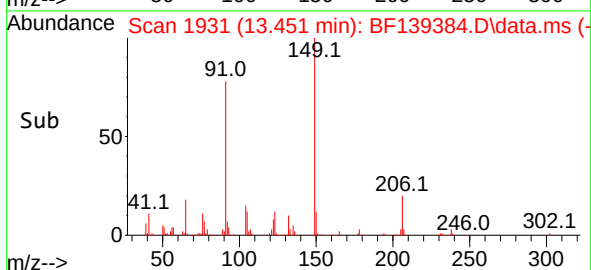
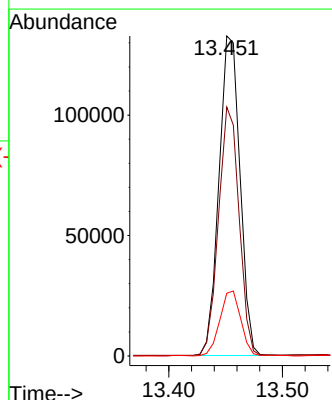
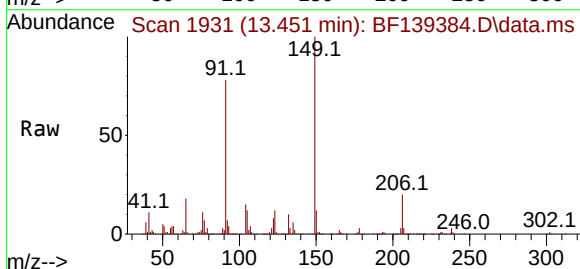
Tgt Ion:149 Resp: 170773

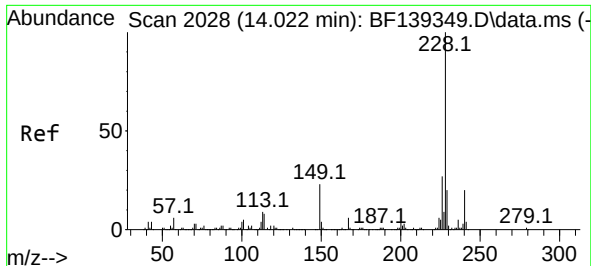
Ion Ratio Lower Upper

149 100

91 77.8 60.9 91.3

206 19.6 15.8 23.8





#81

Benzo(a)anthracene

Concen: 56.928 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

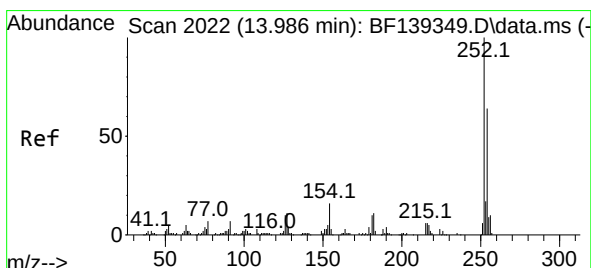
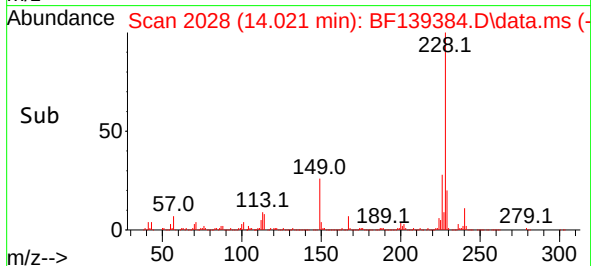
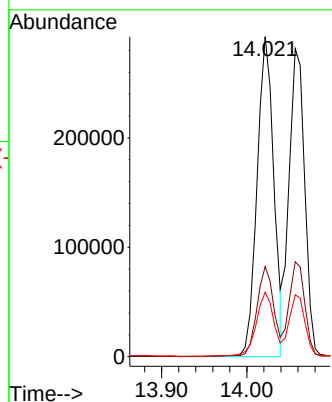
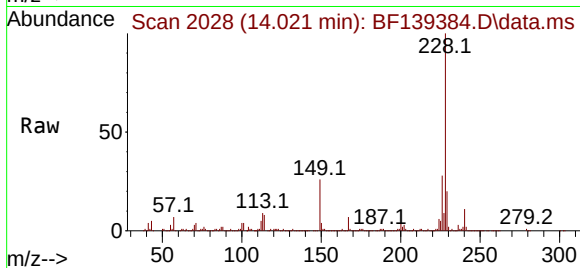
Tgt Ion:228 Resp: 400597

Ion Ratio Lower Upper

228 100

226 28.1 21.6 32.4

229 20.2 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 28.249 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

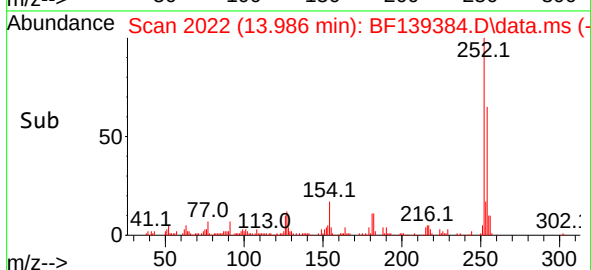
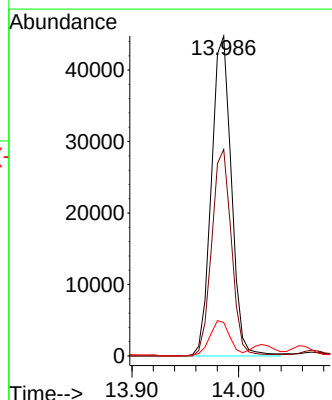
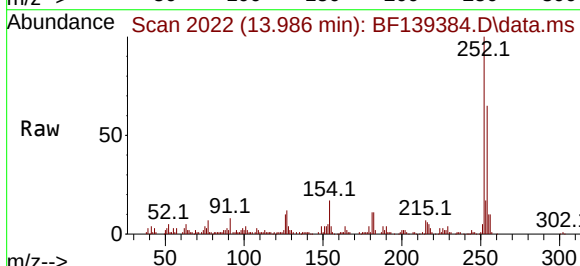
Tgt Ion:252 Resp: 58215

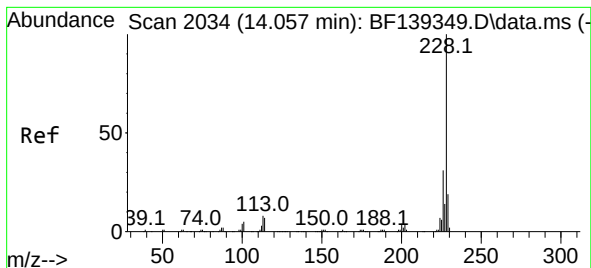
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.2

126 10.5 7.7 11.5





#83

Chrysene

Concen: 55.277 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

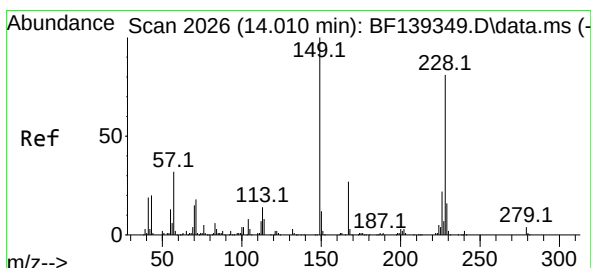
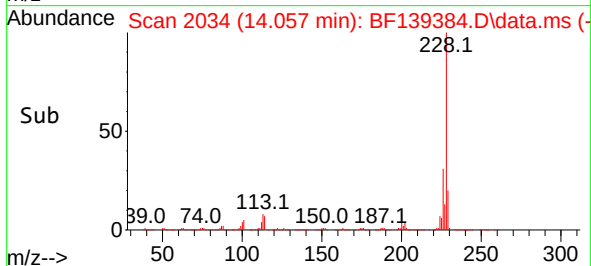
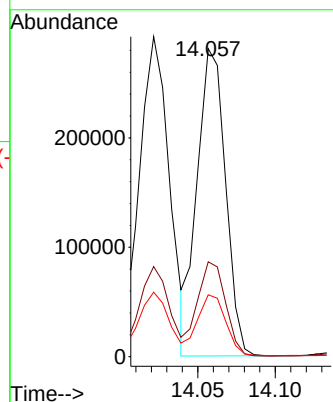
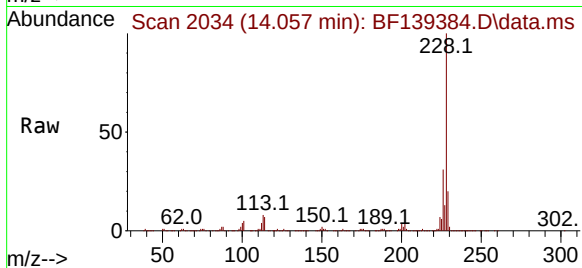
Tgt Ion:228 Resp: 357860

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

229 20.1 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.980 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

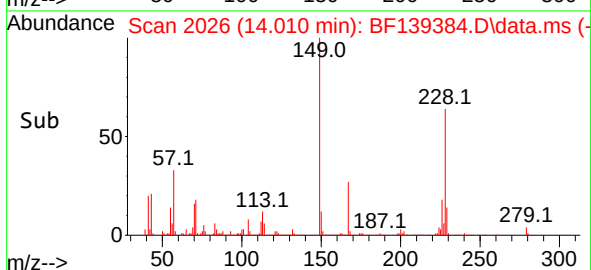
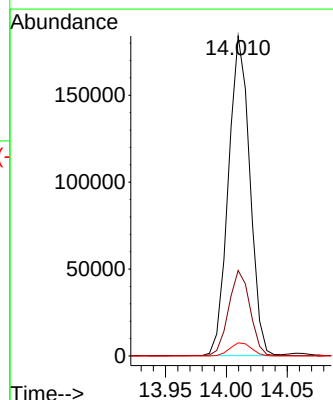
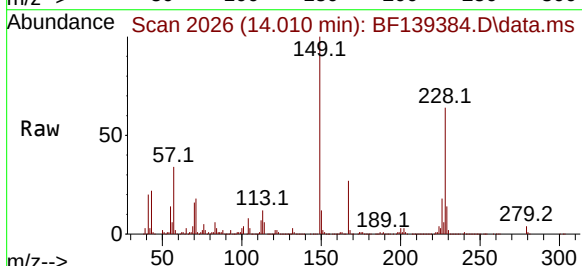
Tgt Ion:149 Resp: 225052

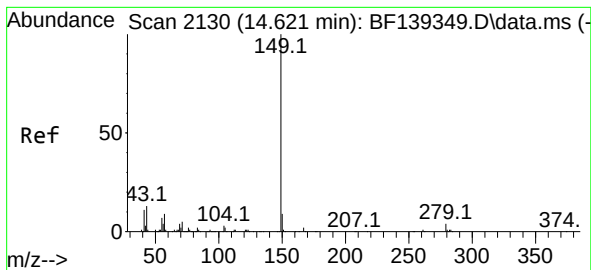
Ion Ratio Lower Upper

149 100

167 26.7 21.6 32.4

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 57.296 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

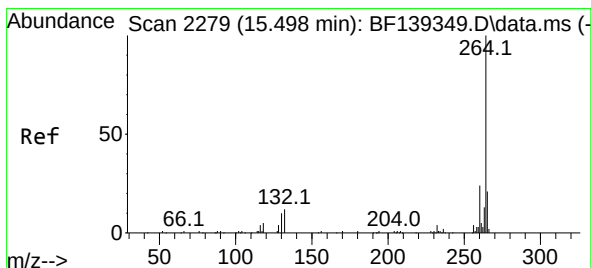
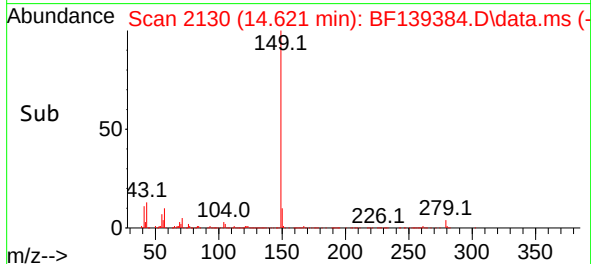
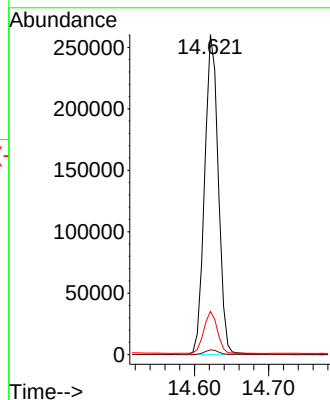
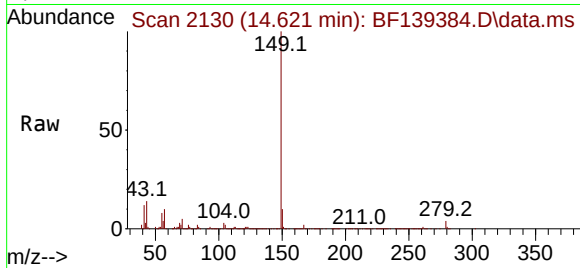
Tgt Ion:149 Resp: 333274

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: BF139384.D

Acq: 16 Sep 2024 17:55

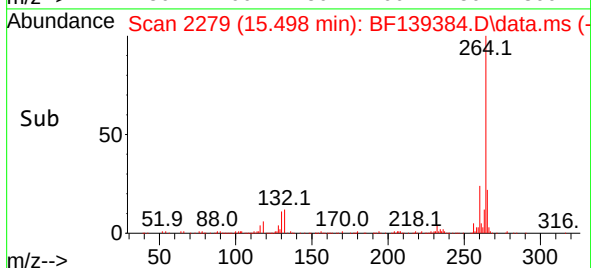
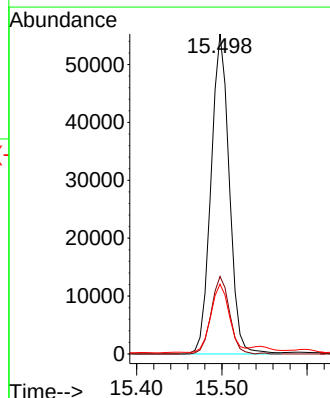
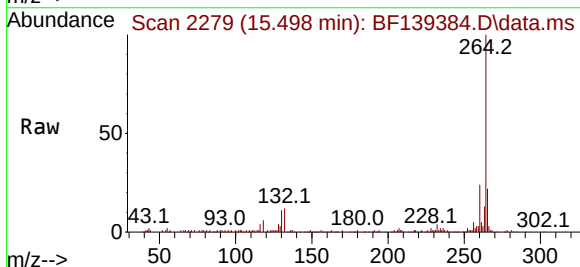
Tgt Ion:264 Resp: 82354

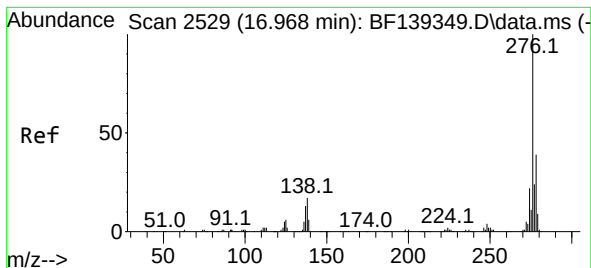
Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.994 ng

RT: 16.968 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

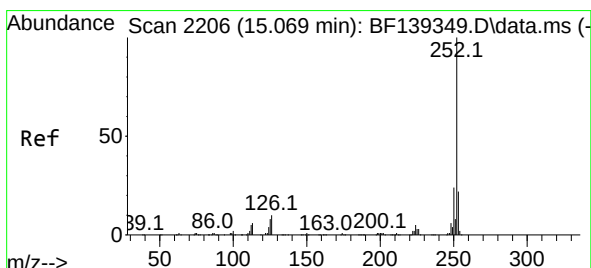
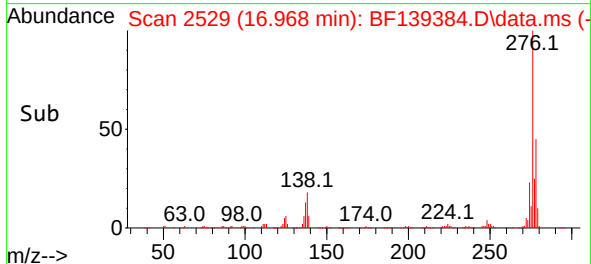
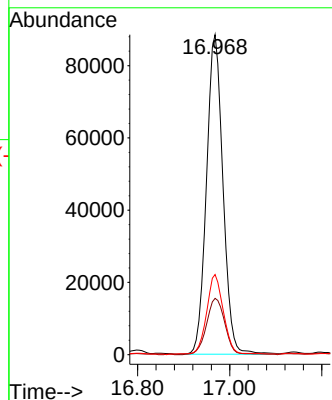
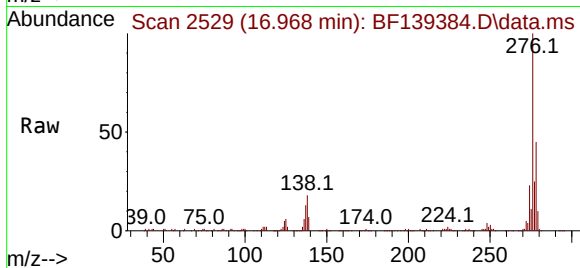
Tgt Ion:276 Resp: 220336

Ion Ratio Lower Upper

276 100

138 19.9 15.4 23.2

277 25.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 59.961 ng

RT: 15.068 min Scan# 2206

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

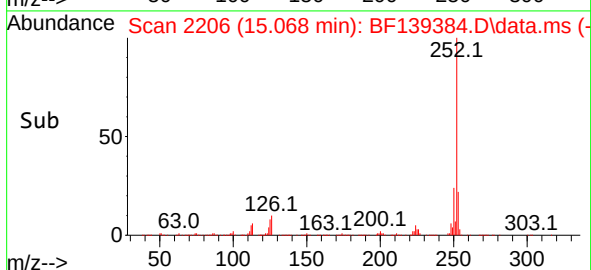
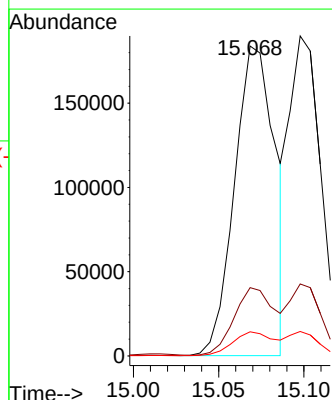
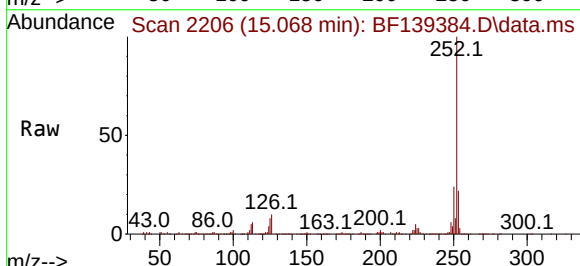
Tgt Ion:252 Resp: 304545

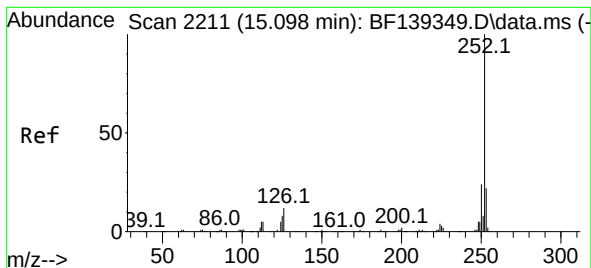
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 7.8 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 52.015 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

Instrument :

BNA_F

ClientSampleId :

RW-1MS

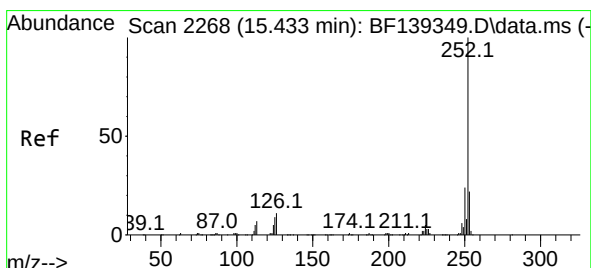
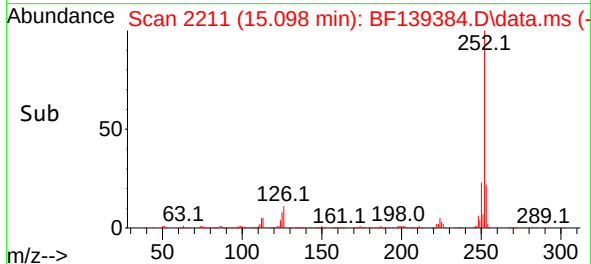
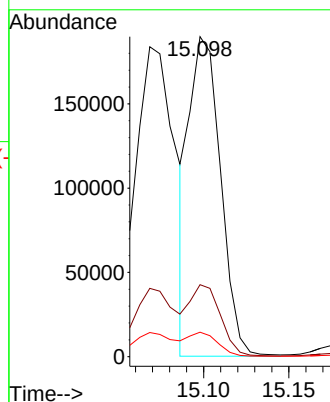
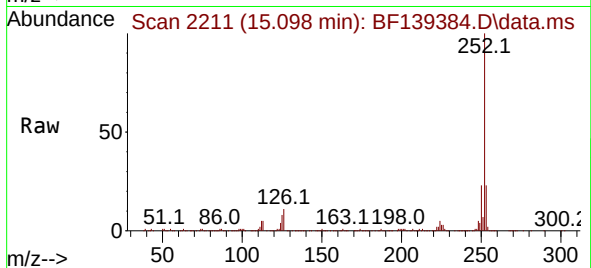
Tgt Ion:252 Resp: 243590

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 7.6 5.9 8.9



#90

Benzo(a)pyrene

Concen: 59.427 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139384.D

Acq: 16 Sep 2024 17:55

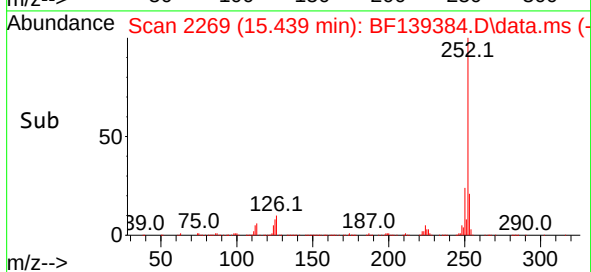
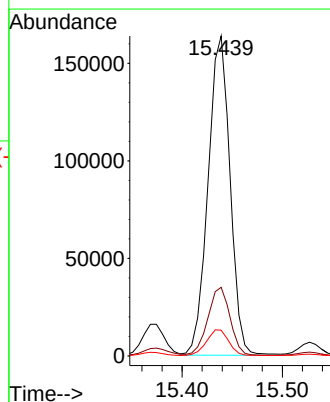
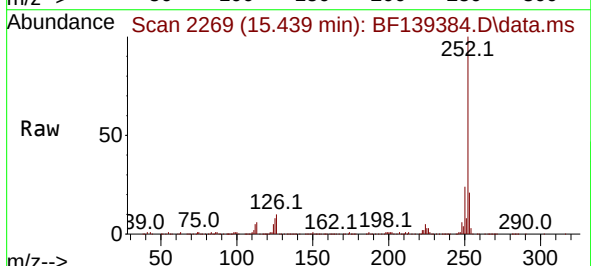
Tgt Ion:252 Resp: 250327

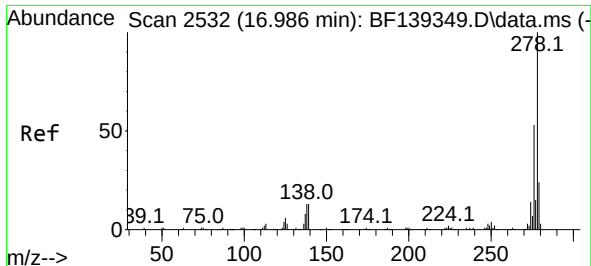
Ion Ratio Lower Upper

252 100

253 21.4 17.3 25.9

125 8.1 6.8 10.2

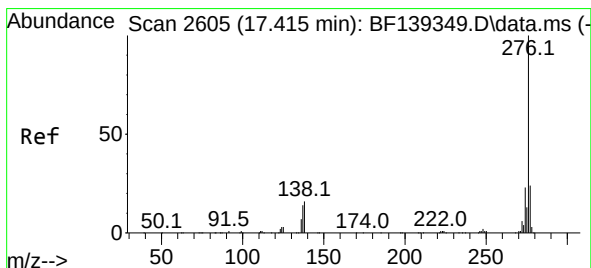
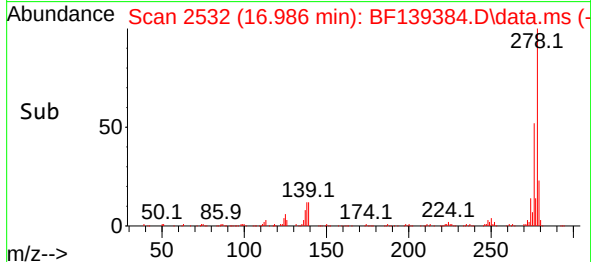
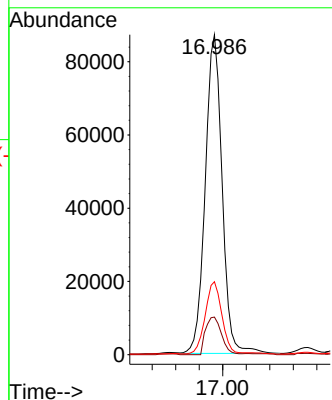
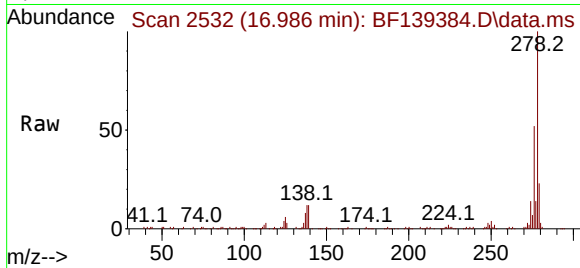




#91
Dibenzo(a,h)anthracene
Concen: 42.860 ng
RT: 16.986 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Instrument :
BNA_F
ClientSampleId :
RW-1MS

Tgt Ion:278 Resp: 173434
Ion Ratio Lower Upper
278 100
139 11.7 10.2 15.2
279 22.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 39.517 ng
RT: 17.409 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF139384.D
Acq: 16 Sep 2024 17:55

Tgt Ion:276 Resp: 158327
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 16.9 13.0 19.6

