

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139370.D
 Acq On : 14 Sep 2024 16:11
 Operator : RC/JU
 Sample : P3932-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM1MS

Quant Time: Sep 16 01:56:35 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	57151	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	205521	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	97759	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	193877	20.000	ng	0.00
76) Chrysene-d12	14.033	240	87915	20.000	ng	0.00
86) Perylene-d12	15.498	264	6169	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	395205	112.809	ng	0.02
7) Phenol-d6	6.510	99	433106	94.188	ng	0.00
23) Nitrobenzene-d5	7.440	82	383817	87.795	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	156977	150.829	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	709838	101.838	ng	0.00
79) Terphenyl-d14	12.980	244	607180	113.362	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.869	88	50624	36.018	ng	# 77
3) Pyridine	3.575	79	20432	6.593	ng	92
4) n-Nitrosodimethylamine	3.505	42	107186	39.906	ng	98
6) Aniline	6.563	93	7931	2.285	ng	96
8) 2-Chlorophenol	6.663	128	151322	41.961	ng	99
9) Benzaldehyde	6.428	77	32008	12.048	ng	99
10) Phenol	6.522	94	161568	34.499	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	148365	41.681	ng	99
12) 1,3-Dichlorobenzene	6.822	146	159290	38.839	ng	99
13) 1,4-Dichlorobenzene	6.898	146	160157	38.643	ng	99
14) 1,2-Dichlorobenzene	7.045	146	154218	39.380	ng	99
15) Benzyl Alcohol	7.016	79	24181	6.591	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	250506	45.665	ng	99
17) 2-Methylphenol	7.128	107	112103	39.126	ng	99
18) Hexachloroethane	7.393	117	60784	38.505	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	123706	45.398	ng	100
20) 3+4-Methylphenols	7.281	107	147969	37.854	ng	# 89
22) Acetophenone	7.287	105	234712	43.684	ng	98
24) Nitrobenzene	7.463	77	189460	42.108	ng	99
25) Isophorone	7.698	82	325326	47.054	ng	99
26) 2-Nitrophenol	7.775	139	79281	45.227	ng	99
27) 2,4-Dimethylphenol	7.810	122	117286	50.723	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	65485	16.619	ng	96
29) 2,4-Dichlorophenol	8.016	162	134626	45.830	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	140511	41.053	ng	99
31) Naphthalene	8.181	128	458600	42.742	ng	100
32) Benzoic acid	7.928	122	92257	42.634	ng	# 72
34) Hexachlorobutadiene	8.298	225	94329	40.566	ng	99
35) Caprolactam	8.634	113	16015	17.723	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	146705	43.699	ng	99
37) 2-Methylnaphthalene	8.875	142	309842	45.496	ng	98
38) 1-Methylnaphthalene	8.969	142	288790	43.192	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	149991	51.770	ng	98
41) Hexachlorocyclopentadiene	9.022	237	183182	181.081	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	105487	55.963	ng	99
44) 2,4,5-Trichlorophenol	9.192	196	104358	52.486	ng	98

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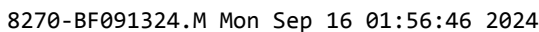
Instrument :
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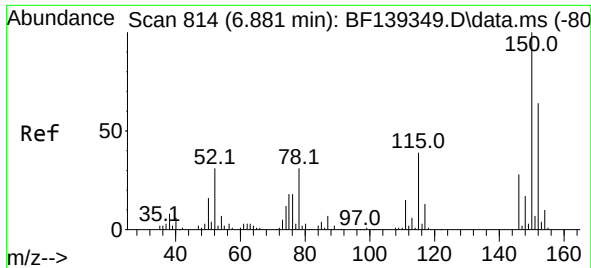
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.334	154	390310	51.897	ng	99
47) 2-Chloronaphthalene	9.363	162	288302	51.269	ng	98
48) 2-Nitroaniline	9.451	65	55567	26.567	ng	94
49) Acenaphthylene	9.775	152	273743	32.339	ng	99
50) Dimethylphthalate	9.639	163	354824	55.300	ng	100
51) 2,6-Dinitrotoluene	9.698	165	76346	53.711	ng	98
52) Acenaphthene	9.945	154	329979	55.855	ng	98
53) 3-Nitroaniline	9.863	138	6708	4.722	ng	86
54) 2,4-Dinitrophenol	9.975	184	97740	123.402	ng	94
55) Dibenzofuran	10.122	168	439877	53.420	ng	98
56) 4-Nitrophenol	10.028	139	102933	87.570	ng	93
57) 2,4-Dinitrotoluene	10.098	165	105573	55.014	ng	98
58) Fluorene	10.463	166	351942	52.384	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	91162	55.425	ng	98
60) Diethylphthalate	10.334	149	364960	55.118	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	172657	52.879	ng	99
62) 4-Nitroaniline	10.469	138	19792	12.766	ng	86
63) Azobenzene	10.610	77	223734	34.354	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	57945	56.628	ng	98
66) n-Nitrosodiphenylamine	10.569	169	19325	3.409	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	98541	51.290	ng	98
68) Hexachlorobenzene	11.004	284	111759	49.564	ng	96
69) Atrazine	11.198	200	29483	21.848	ng	# 36
70) Pentachlorophenol	11.198	266	146544	108.310	ng	98
71) Phenanthrene	11.422	178	469333	50.176	ng	100
72) Anthracene	11.475	178	442472	48.382	ng	99
73) Carbazole	11.622	167	23331	2.665	ng	99
74) Di-n-butylphthalate	11.957	149	500192	51.299	ng	100
75) Fluoranthene	12.610	202	407255	40.770	ng	100
77) Benzidine	12.980	184	9623	7.640	ng	# 92
78) Pyrene	12.833	202	275800	36.536	ng	99
80) Butylbenzylphthalate	13.451	149	93907	36.548	ng	99
81) Benzo(a)anthracene	14.022	228	287422	49.356	ng	100
83) Chrysene	14.057	228	278637	52.008	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	184133	56.333	ng	99
85) Di-n-octyl phthalate	14.621	149	306505	63.673	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	146267	398.736	ng	95
88) Benzo(b)fluoranthene	15.069	252	303722	798.293	ng	99
89) Benzo(k)fluoranthene	15.098	252	212508	605.784	ng	98
90) Benzo(a)pyrene	15.433	252	115260	365.282	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	208292	687.165	ng	99
92) Benzo(g,h,i)perylene	17.404	276	87449	291.374	ng	99

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

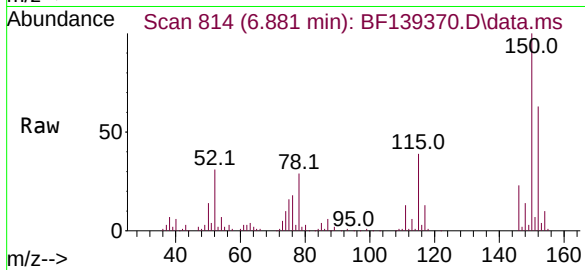
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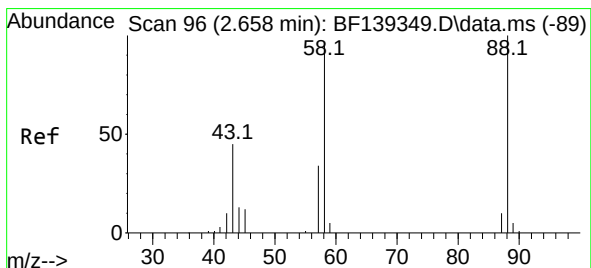
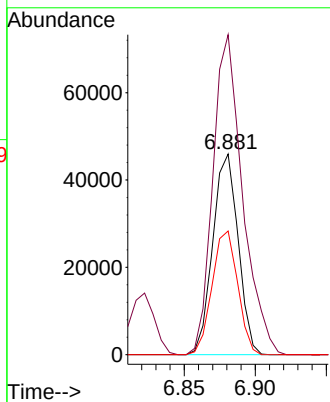
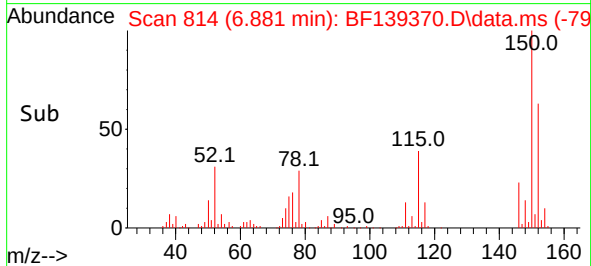


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139370.D
 Acq: 14 Sep 2024 16:11

Instrument :
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 FM1MS

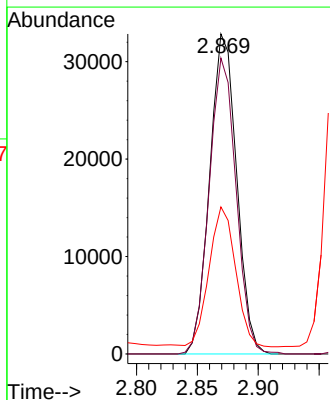
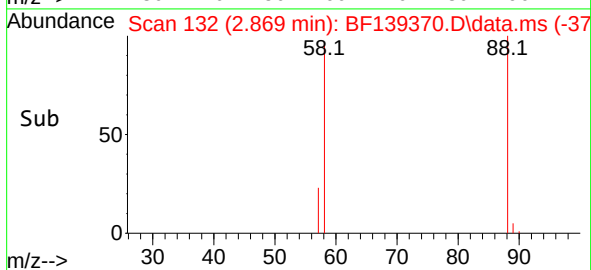
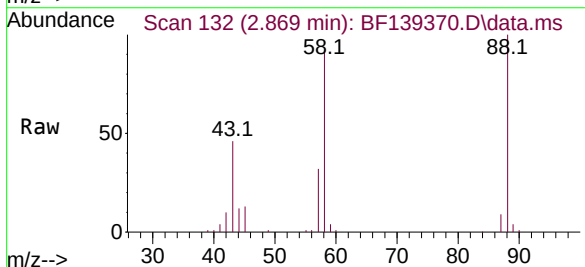


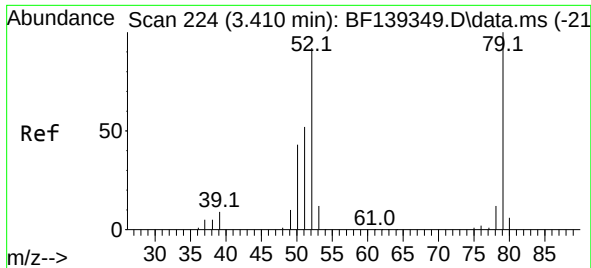
Tgt Ion:152 Resp: 57151
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.1 186.1
 115 61.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 36.018 ng
 RT: 2.869 min Scan# 132
 Delta R.T. 0.212 min
 Lab File: BF139370.D
 Acq: 14 Sep 2024 16:11

Tgt Ion: 88 Resp: 50624
 Ion Ratio Lower Upper
 88 100
 58 92.5 74.8 112.2
 43 0.0 36.4 54.6





#3

Pyridine

Concen: 6.593 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.165 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

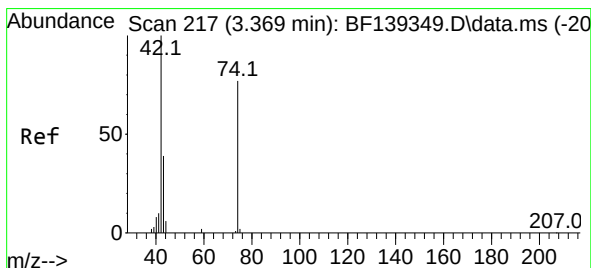
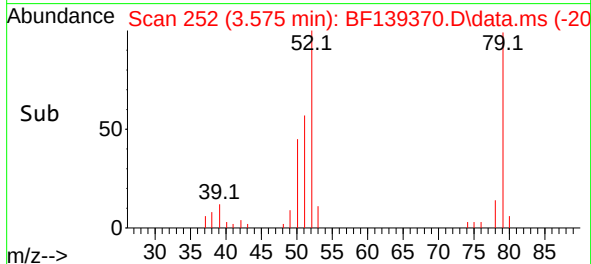
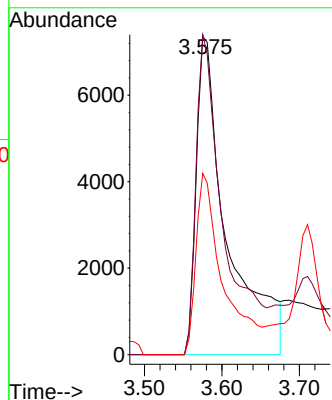
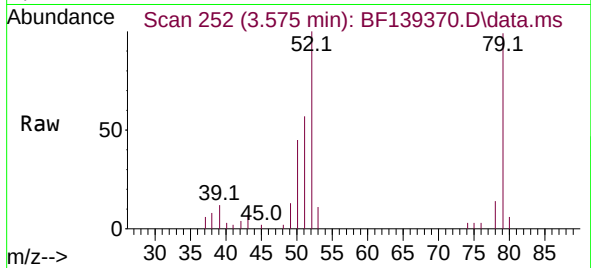
Tgt Ion: 79 Resp: 20432

Ion Ratio Lower Upper

79 100

52 100.6 73.8 110.8

51 57.0 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 39.906 ng

RT: 3.505 min Scan# 240

Delta R.T. 0.135 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

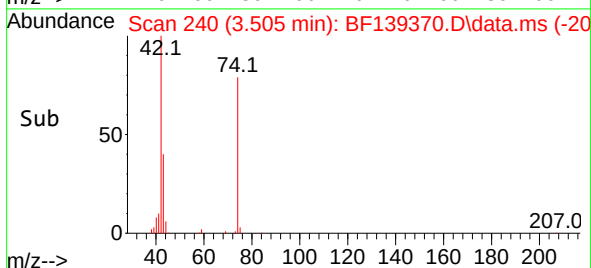
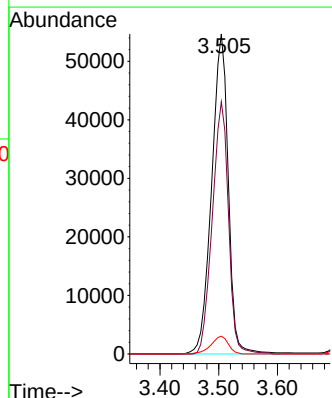
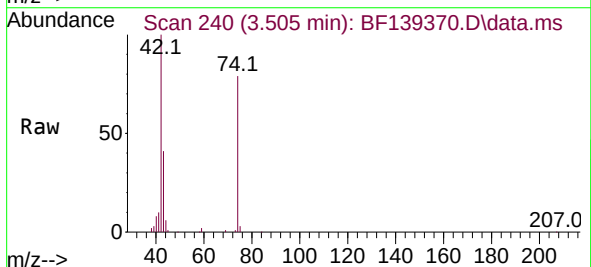
Tgt Ion: 42 Resp: 107186

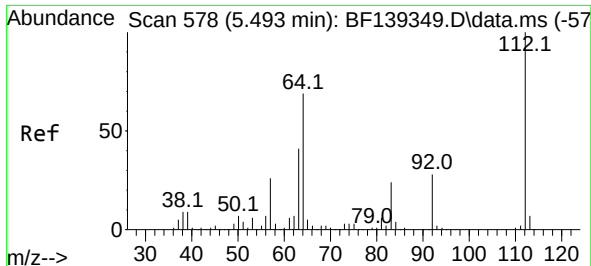
Ion Ratio Lower Upper

42 100

74 78.8 61.8 92.8

44 5.5 4.8 7.2

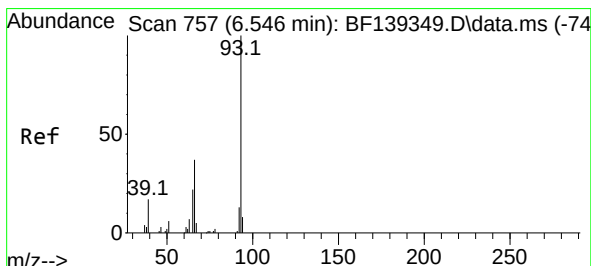
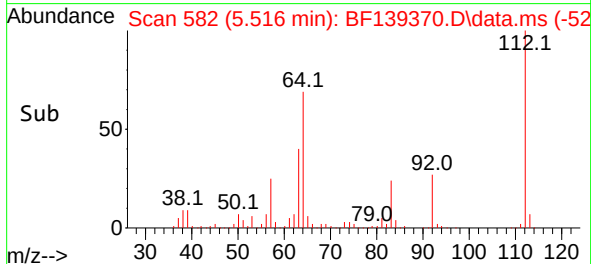
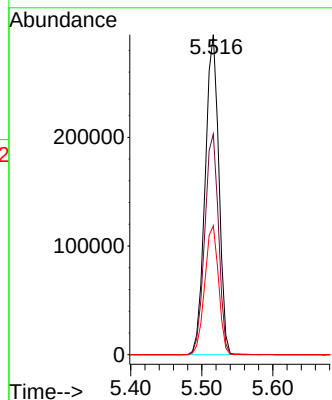
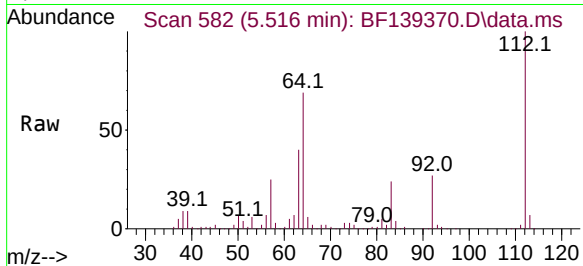




#5
2-Fluorophenol
Concen: 112.809 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

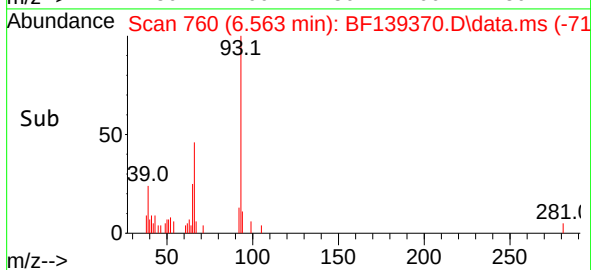
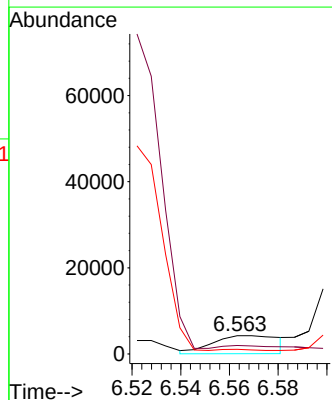
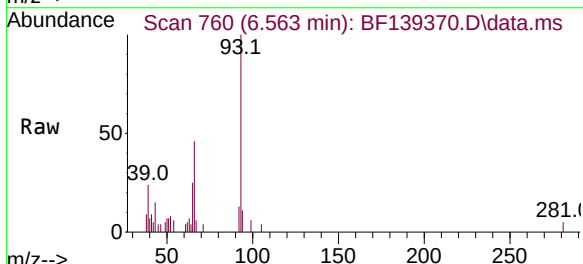
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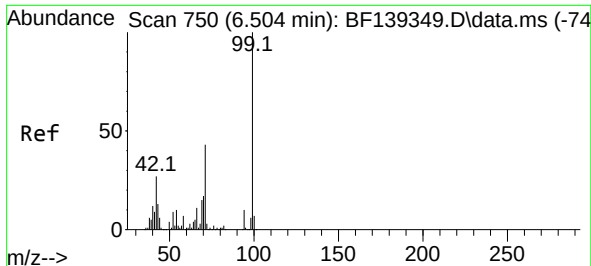
Tgt Ion:112 Resp: 395205
Ion Ratio Lower Upper
112 100
64 68.9 54.8 82.2
63 40.3 33.0 49.4



#6
Aniline
Concen: 2.285 ng
RT: 6.563 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion: 93 Resp: 7931
Ion Ratio Lower Upper
93 100
66 46.5 35.4 53.0
65 25.3 18.2 27.4

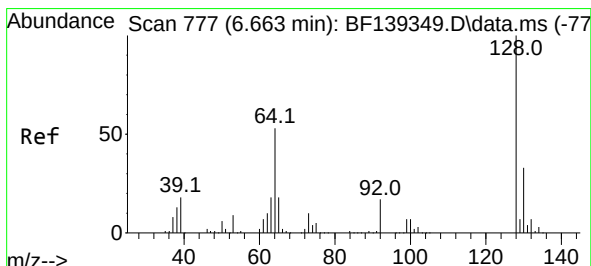
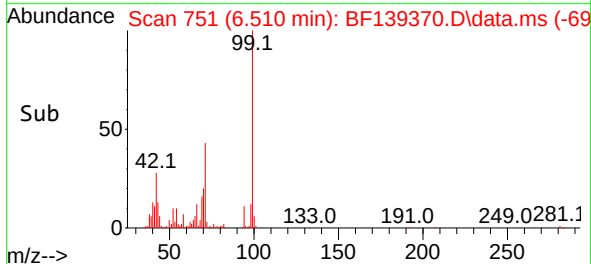
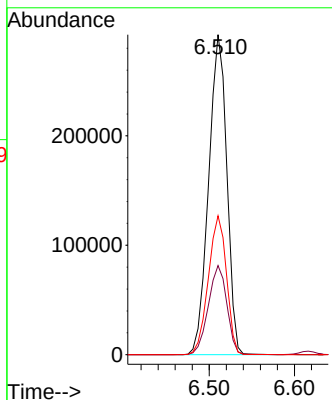
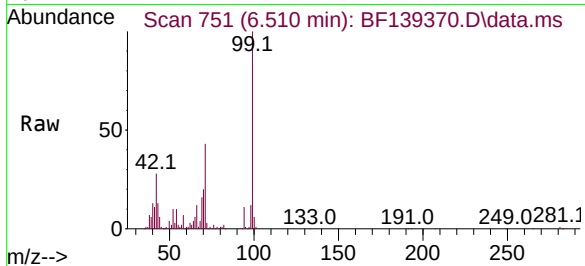




#7
Phenol-d6
Concen: 94.188 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

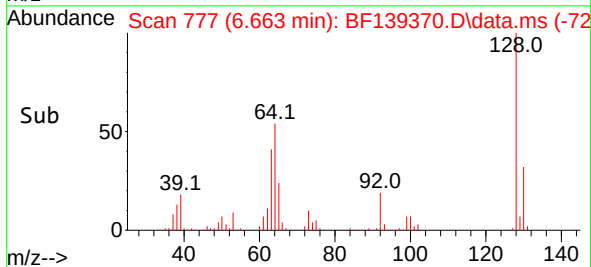
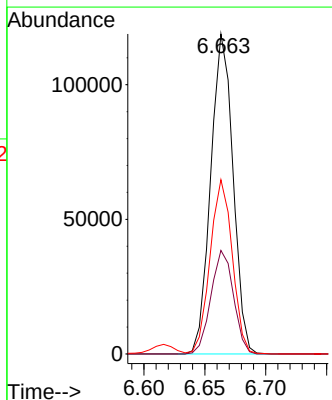
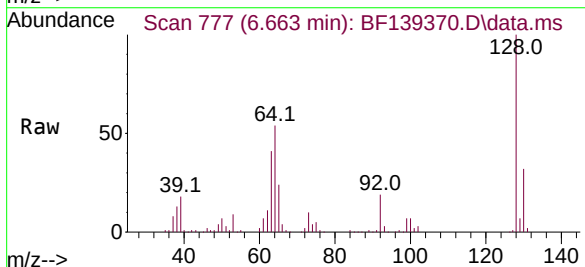
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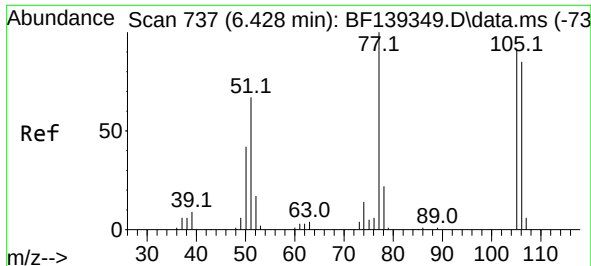
Tgt Ion: 99 Resp: 433106
Ion Ratio Lower Upper
99 100
42 27.9 21.9 32.9
71 43.4 34.6 52.0



#8
2-Chlorophenol
Concen: 41.961 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion: 128 Resp: 151322
Ion Ratio Lower Upper
128 100
130 32.4 12.8 52.8
64 54.5 35.1 75.1





#9

Benzaldehyde

Concen: 12.048 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

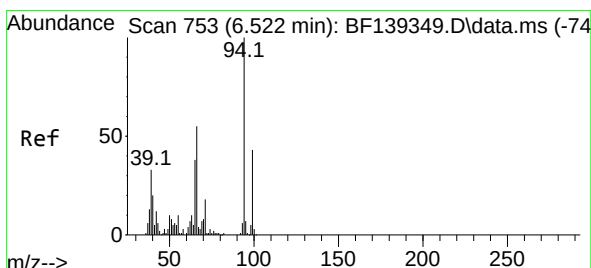
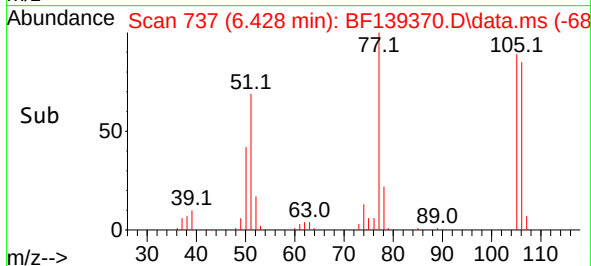
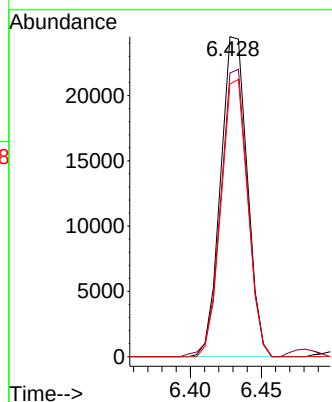
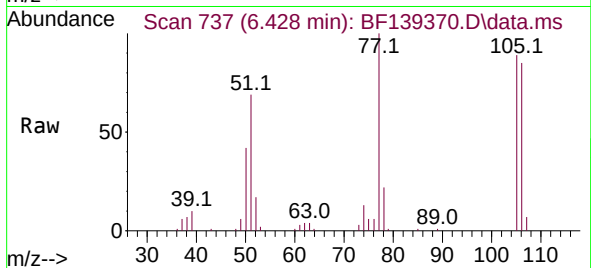
Tgt Ion: 77 Resp: 32008

Ion Ratio Lower Upper

77 100

105 88.7 71.0 111.0

106 85.2 64.9 104.9



#10

Phenol

Concen: 34.499 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

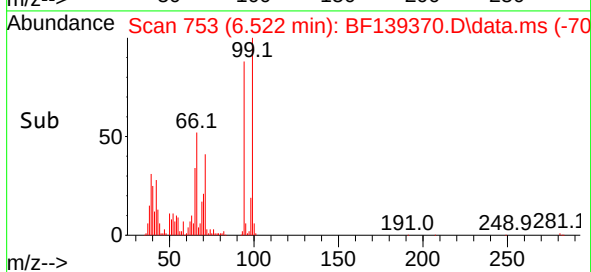
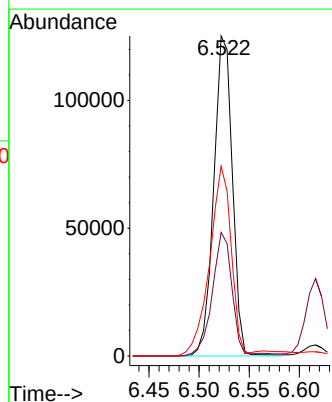
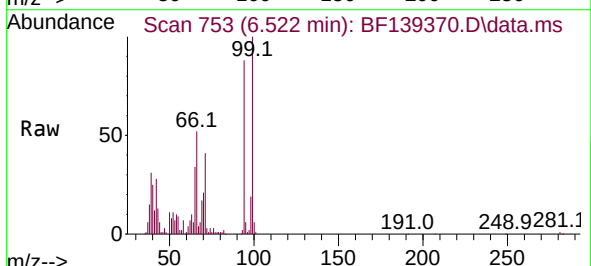
Tgt Ion: 94 Resp: 161568

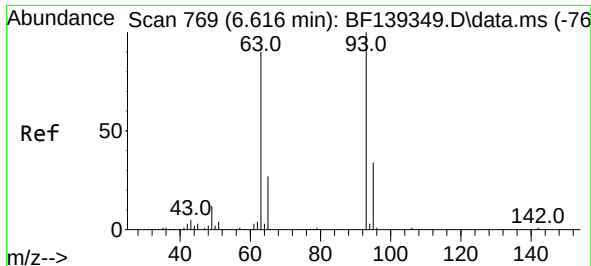
Ion Ratio Lower Upper

94 100

65 38.6 17.6 57.6

66 59.3 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 41.681 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

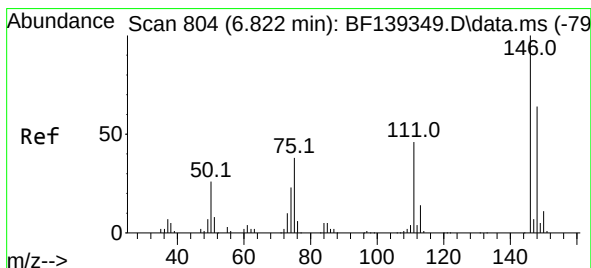
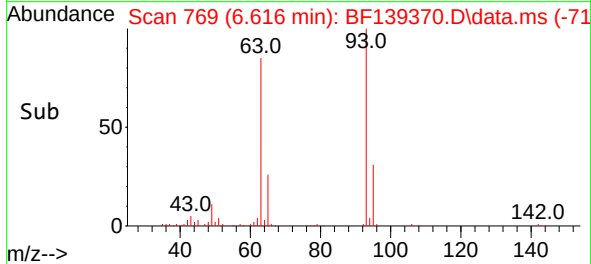
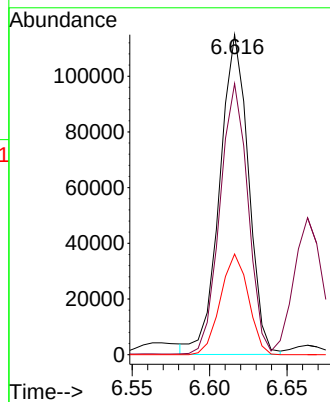
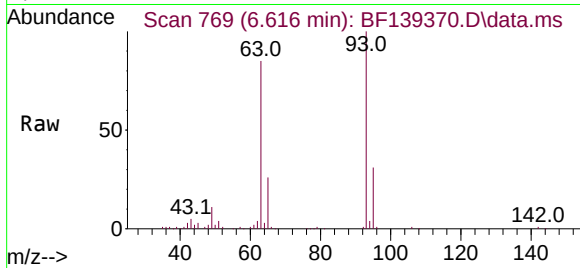
Tgt Ion: 93 Resp: 148365

Ion Ratio Lower Upper

93 100

63 84.7 65.3 105.3

95 31.4 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 38.839 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

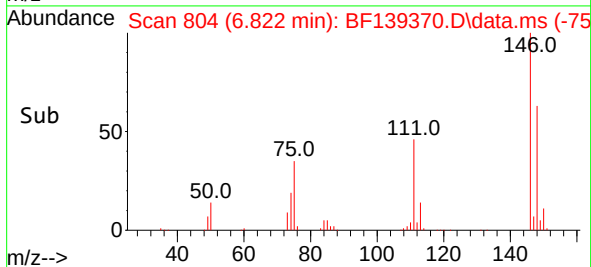
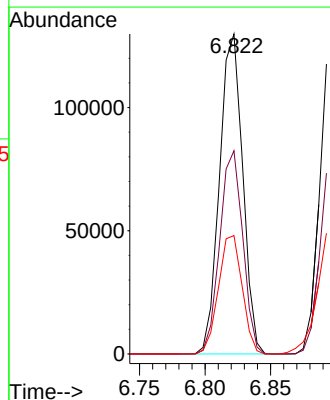
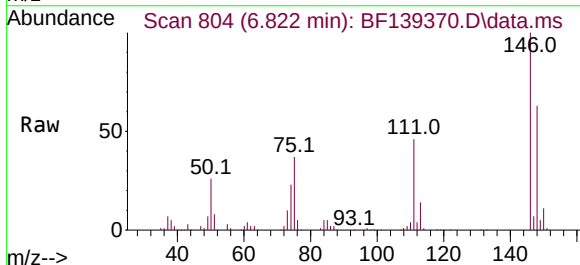
Tgt Ion:146 Resp: 159290

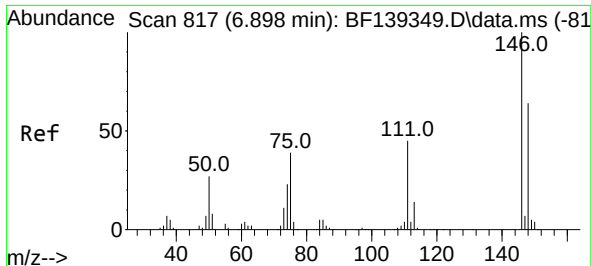
Ion Ratio Lower Upper

146 100

148 63.5 51.2 76.8

75 37.0 30.6 46.0





#13

1,4-Dichlorobenzene

Concen: 38.643 ng

RT: 6.898 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

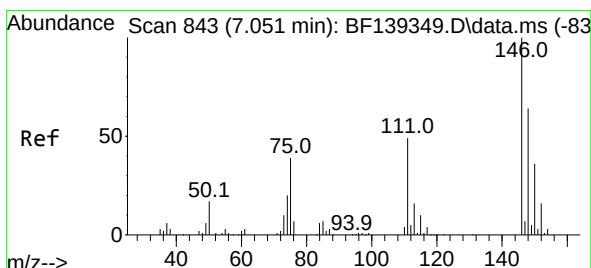
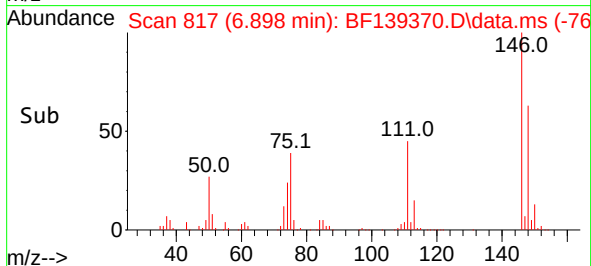
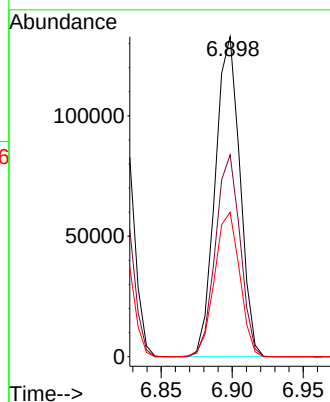
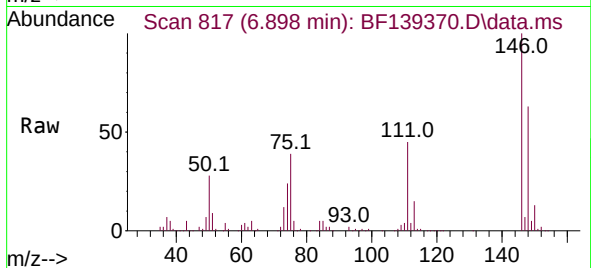
Tgt Ion:146 Resp: 160157

Ion Ratio Lower Upper

146 100

148 63.1 50.9 76.3

111 45.2 36.3 54.5



#14

1,2-Dichlorobenzene

Concen: 39.380 ng

RT: 7.045 min Scan# 842

Delta R.T. -0.006 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

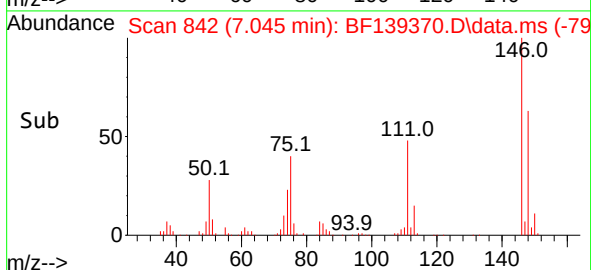
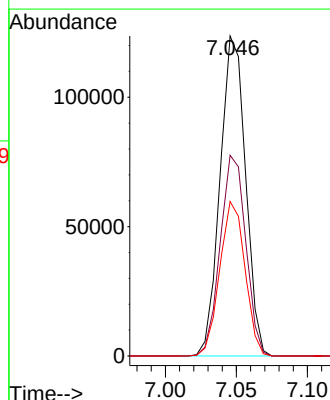
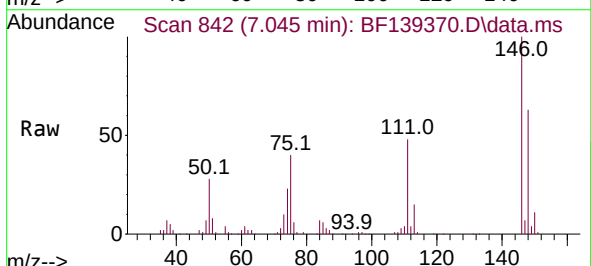
Tgt Ion:146 Resp: 154218

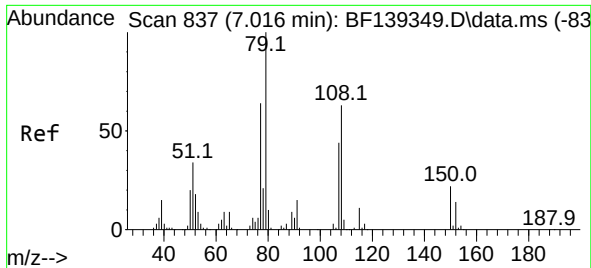
Ion Ratio Lower Upper

146 100

148 62.7 50.9 76.3

111 48.2 38.9 58.3

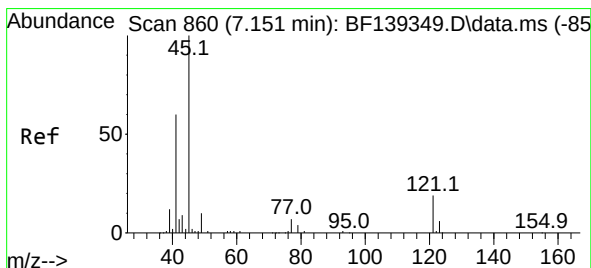
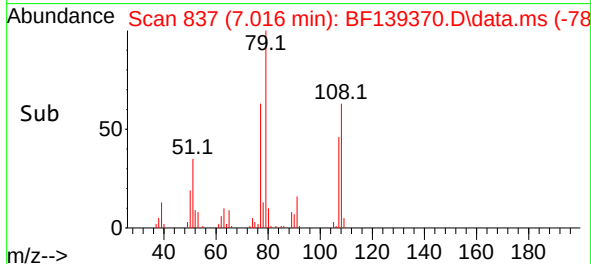
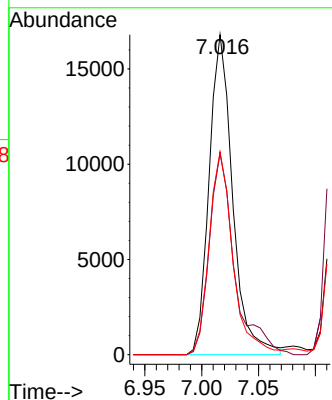
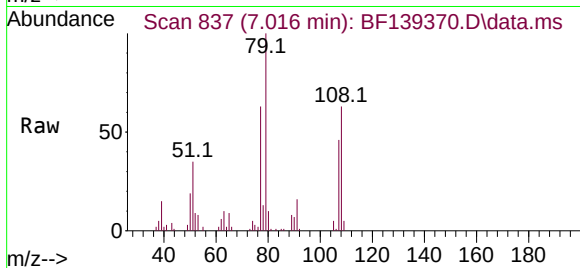




#15
Benzyl Alcohol
Concen: 6.591 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

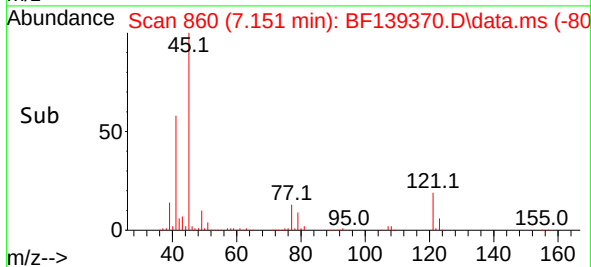
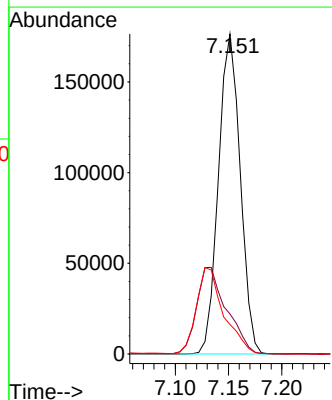
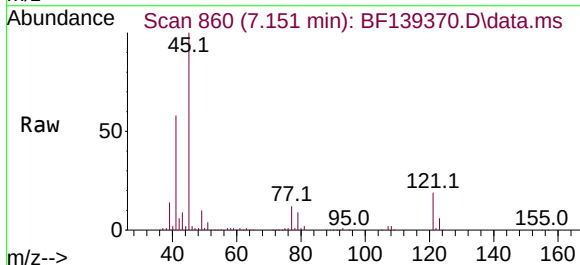
Instrument :
BNA_F
ClientSampleId :
FM1MS

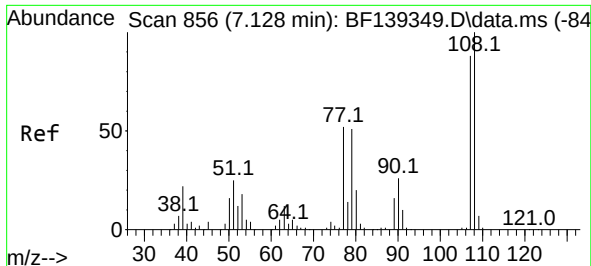
Tgt Ion: 79 Resp: 24181
Ion Ratio Lower Upper
79 100
108 62.8 50.4 75.6
77 63.4 51.4 77.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.665 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion: 45 Resp: 250506
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.0
79 9.2 0.0 29.1

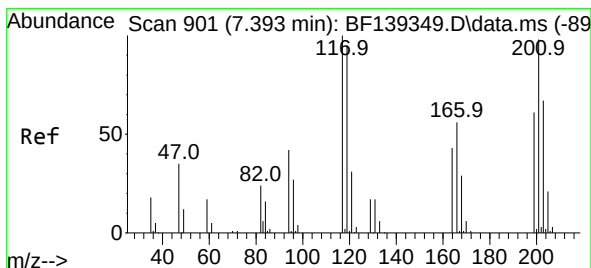
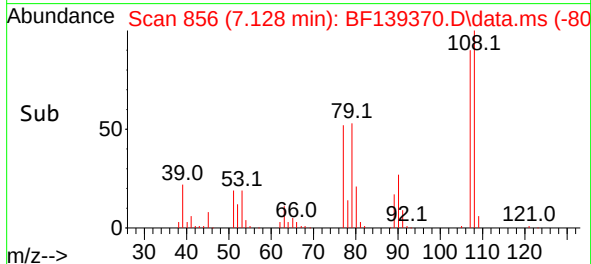
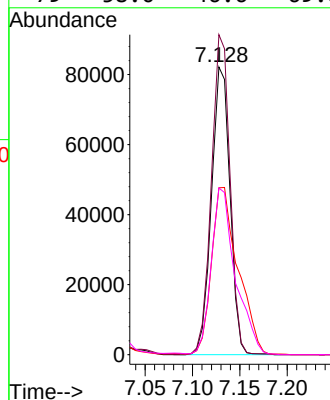
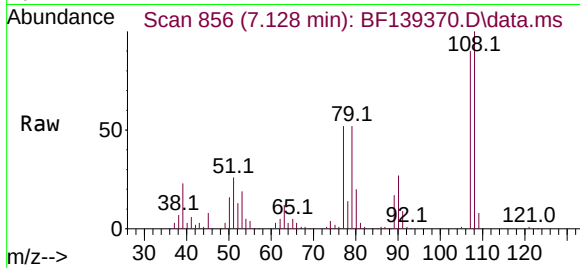




#17
2-Methylphenol
Concen: 39.126 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

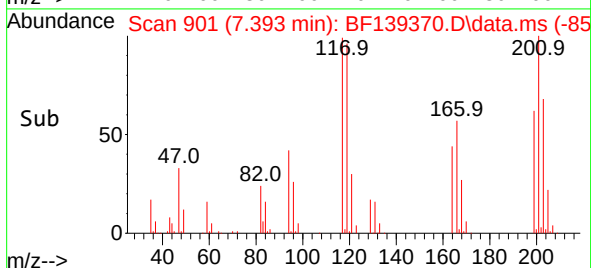
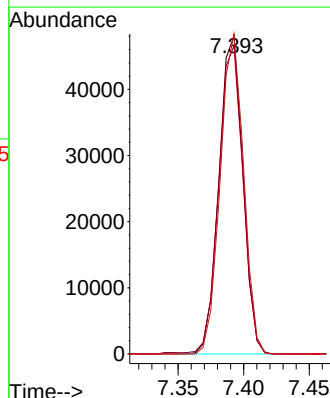
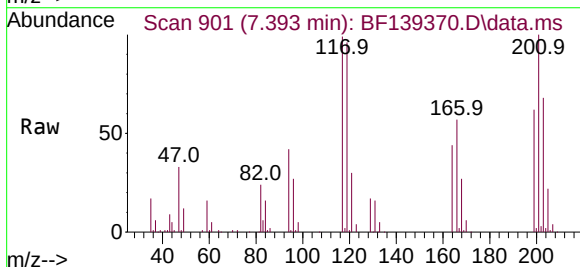
Instrument :
BNA_F
ClientSampleId :
FM1MS

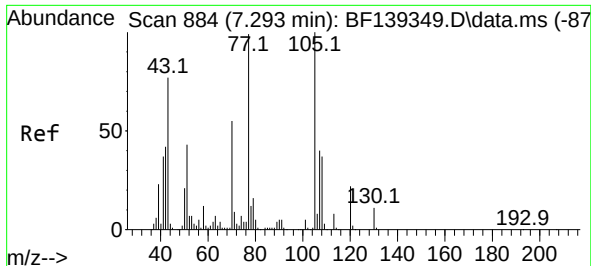
Tgt Ion:	107	Resp:	112103
Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.5	135.7
77	58.0	47.1	70.7
79	58.0	46.6	69.8



#18
Hexachloroethane
Concen: 38.505 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:	117	Resp:	60784
Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.8
201	100.7	78.6	118.0



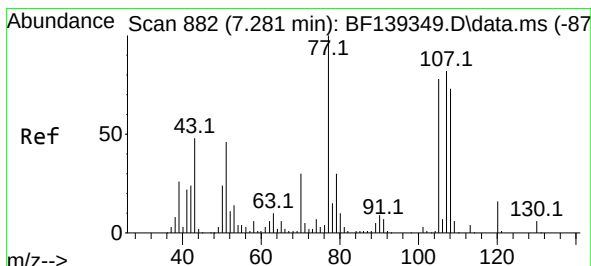
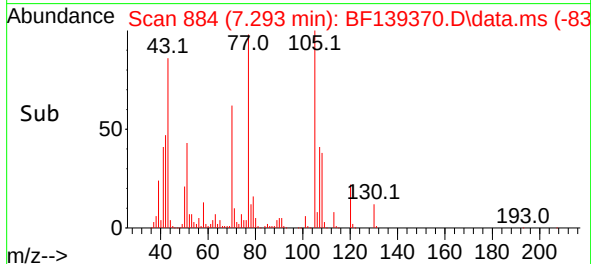
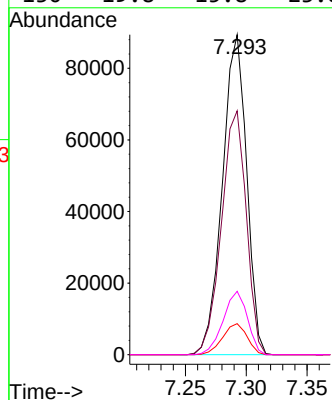
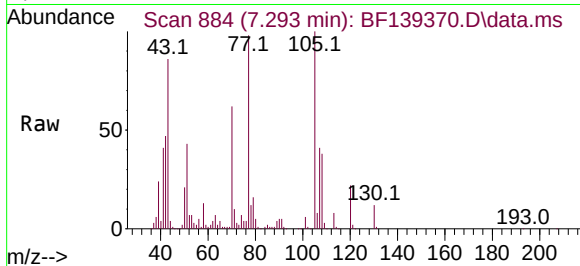


#19
n-Nitroso-di-n-propylamine
Concen: 45.398 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Instrument :
BNA_F
ClientSampleId :
FM1MS

Tgt Ion: 70 Resp: 123706

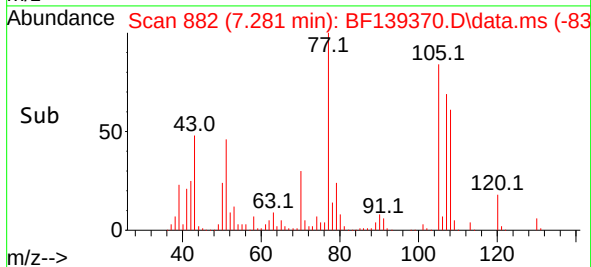
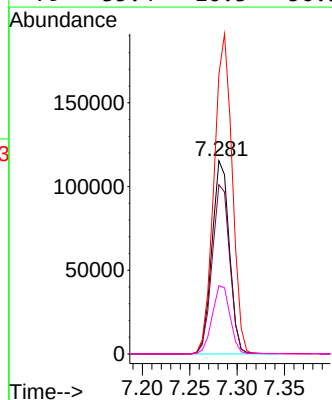
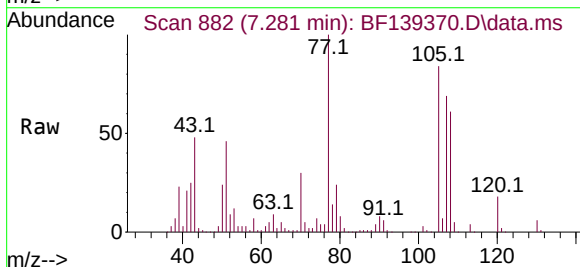
Ion	Ratio	Lower	Upper
70	100		
42	76.2	61.2	91.8
101	9.7	7.5	11.3
130	19.8	15.8	23.8

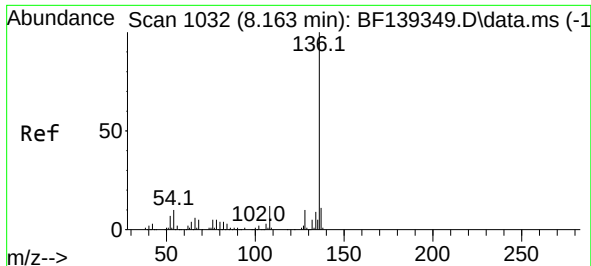


#20
3+4-Methylphenols
Concen: 37.854 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion: 107 Resp: 147969

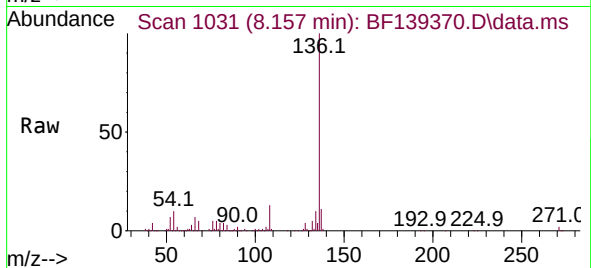
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.6	108.6
77	144.7	101.6	141.6#
79	35.4	16.3	56.3



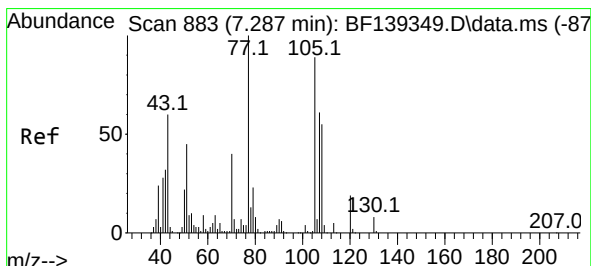
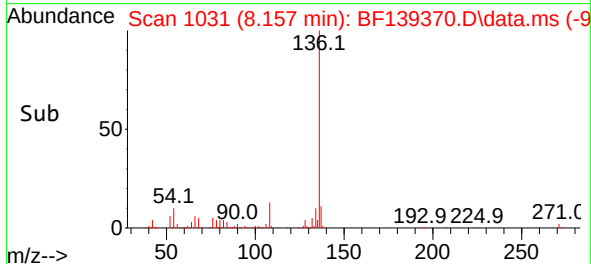
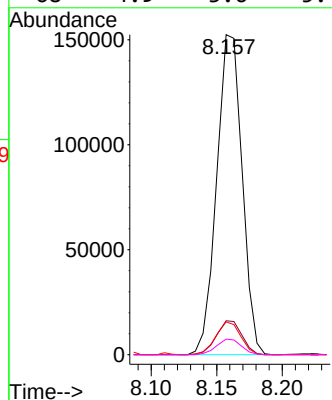


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Instrument :
BNA_F
ClientSampleId :
FM1MS

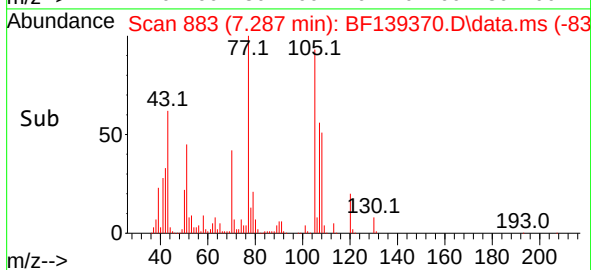
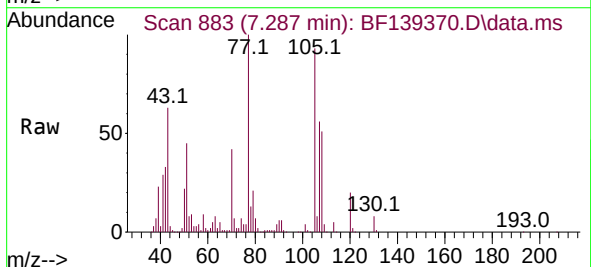
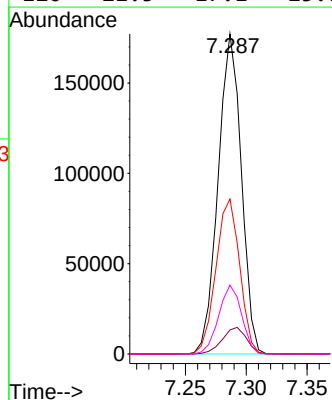


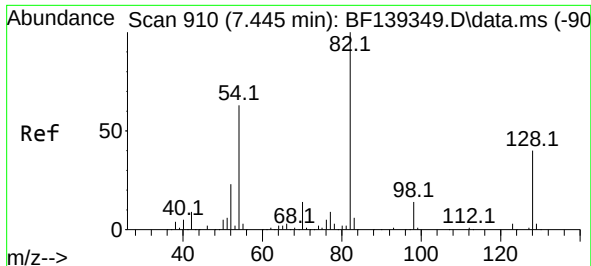
Tgt Ion:	136	Resp:	205521
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	12.8
54	10.3	7.8	11.8
68	4.9	3.6	5.4



#22
Acetophenone
Concen: 43.684 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:	105	Resp:	234712
Ion Ratio	Lower	Upper	
105	100		
71	7.5	5.9	8.9
51	48.5	40.0	60.0
120	21.5	17.1	25.7





#23

Nitrobenzene-d5

Concen: 87.795 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

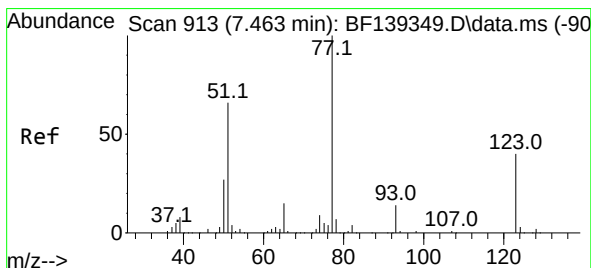
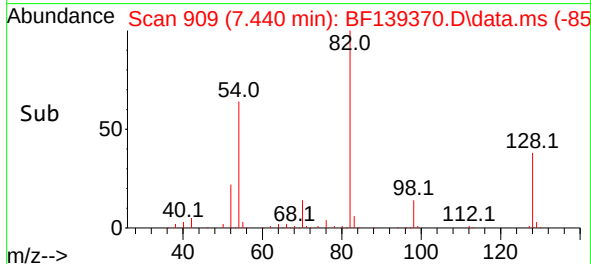
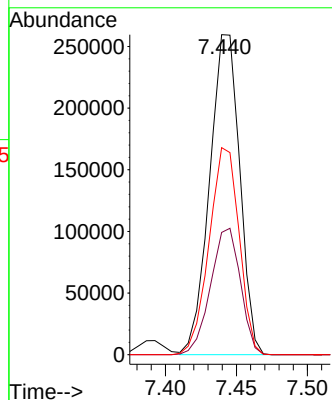
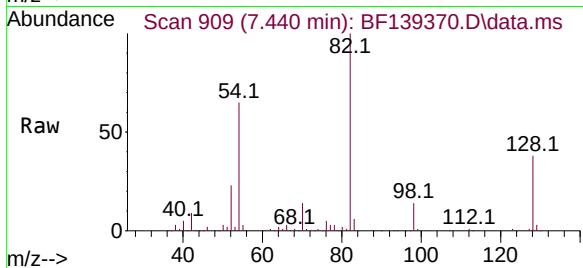
Tgt Ion: 82 Resp: 383817

Ion Ratio Lower Upper

82 100

128 38.2 31.8 47.6

54 64.7 50.6 75.8



#24

Nitrobenzene

Concen: 42.108 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

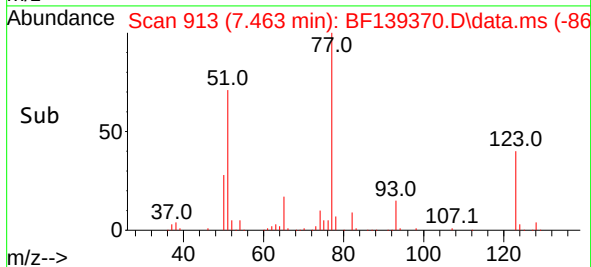
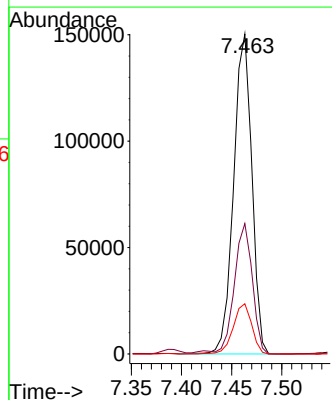
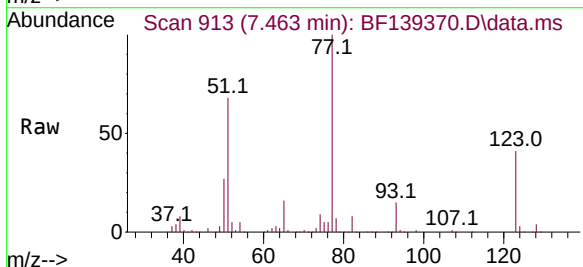
Tgt Ion: 77 Resp: 189460

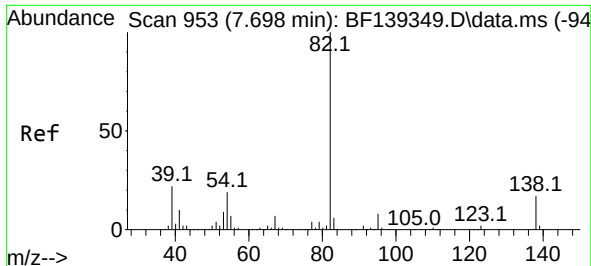
Ion Ratio Lower Upper

77 100

123 40.8 32.2 48.4

65 15.7 12.2 18.4

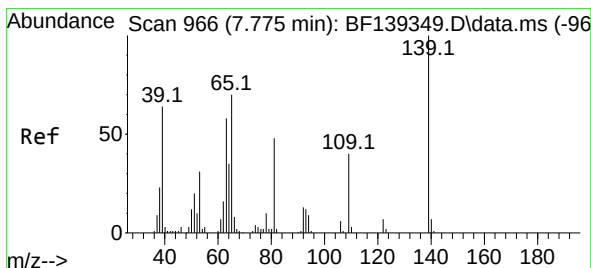
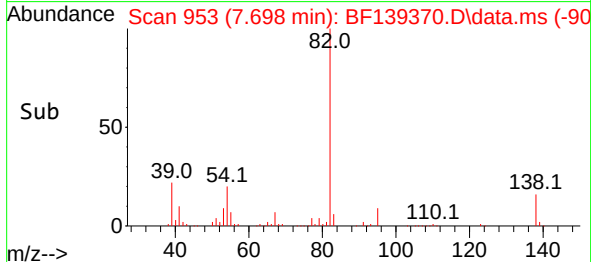
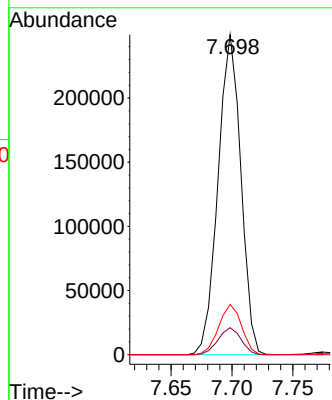
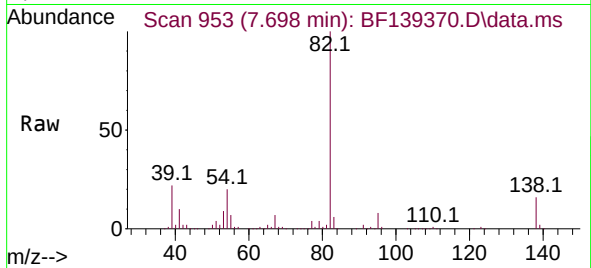




#25
Isophorone
Concen: 47.054 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

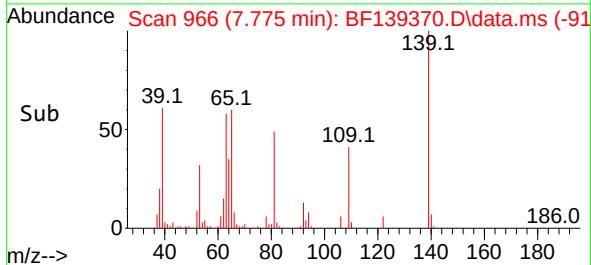
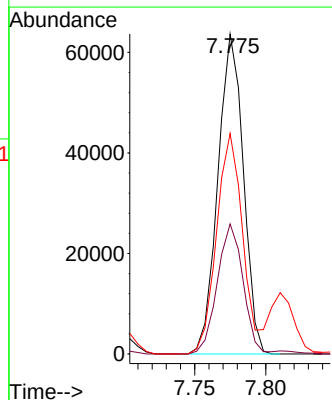
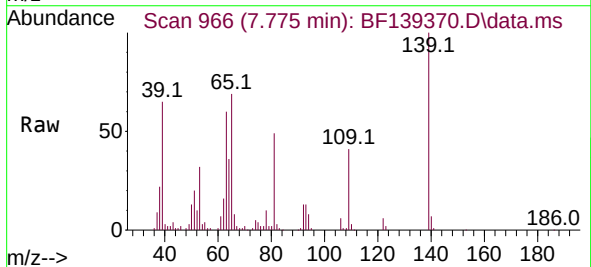
Instrument :
BNA_F
ClientSampleId :
FM1MS

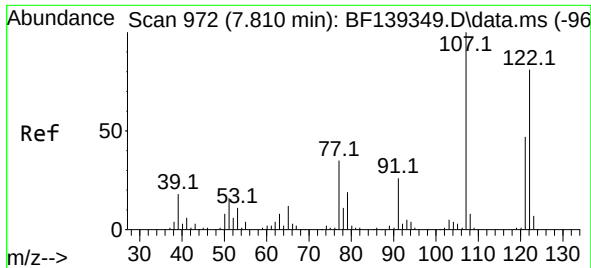
Tgt Ion: 82 Resp: 325326
Ion Ratio Lower Upper
82 100
95 8.4 6.7 10.1
138 15.7 13.3 19.9



#26
2-Nitrophenol
Concen: 45.227 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:139 Resp: 79281
Ion Ratio Lower Upper
139 100
109 40.7 32.2 48.2
65 68.9 55.8 83.8

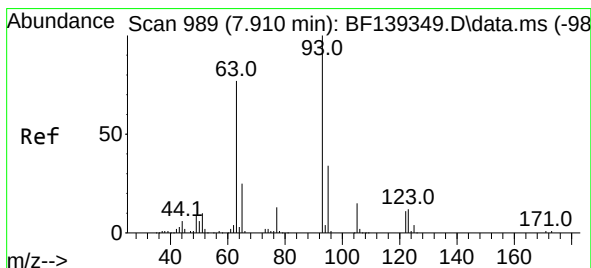
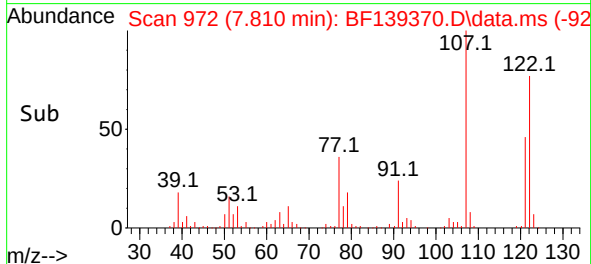
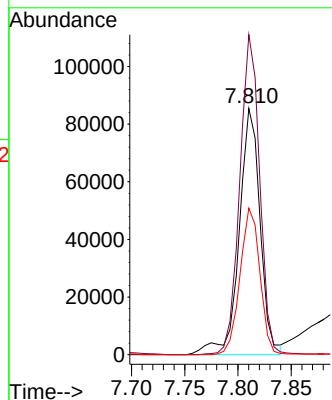
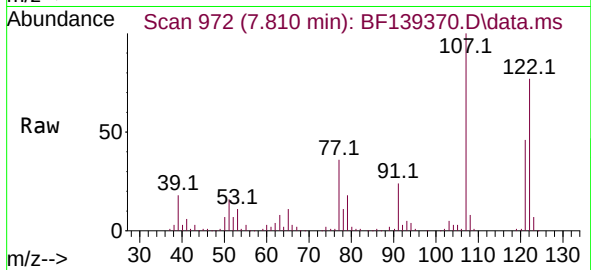




#27
2,4-Dimethylphenol
Concen: 50.723 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

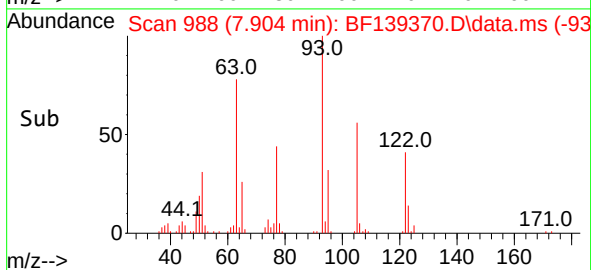
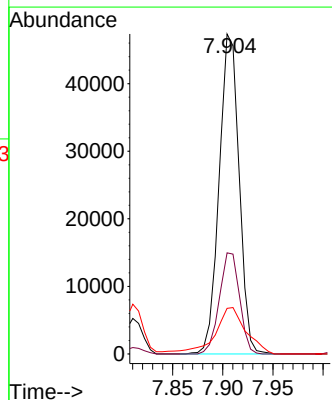
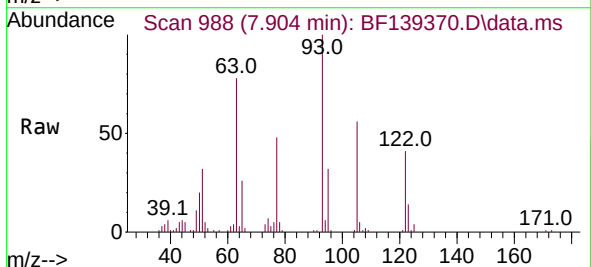
Instrument :
BNA_F
ClientSampleId :
FM1MS

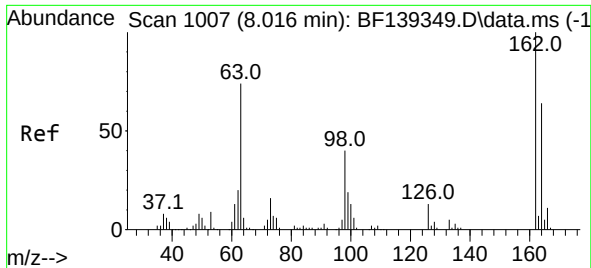
Tgt Ion:122 Resp: 117286
Ion Ratio Lower Upper
122 100
107 129.9 99.1 148.7
121 59.5 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 16.619 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion: 93 Resp: 65485
Ion Ratio Lower Upper
93 100
95 31.6 26.9 40.3
123 14.3 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 45.830 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

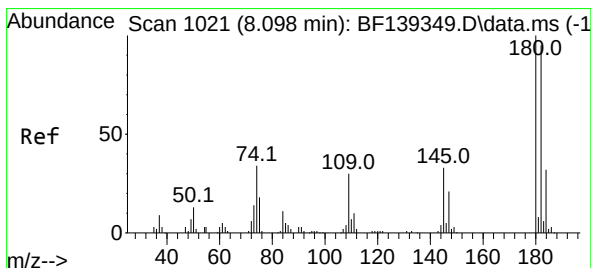
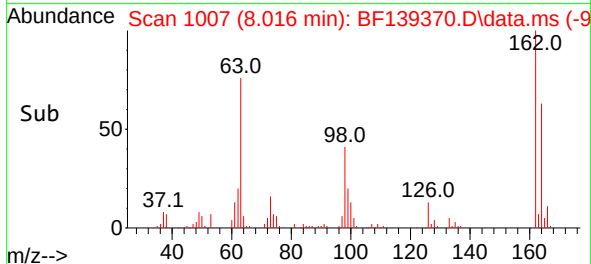
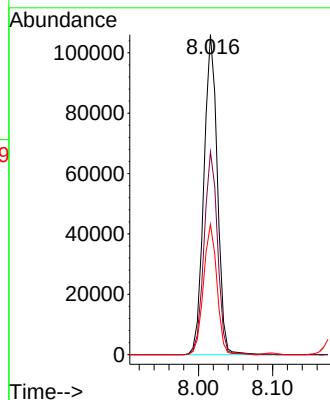
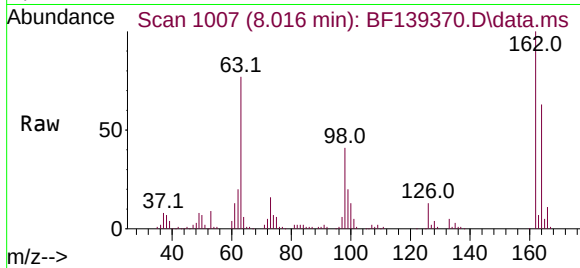
Tgt Ion:162 Resp: 134626

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

98 40.8 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 41.053 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

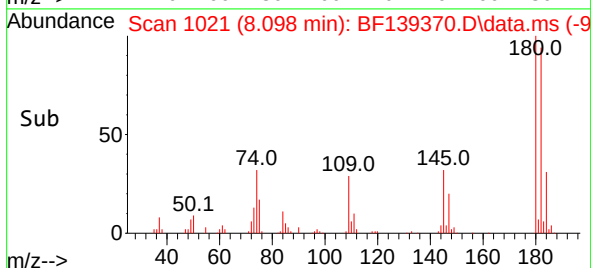
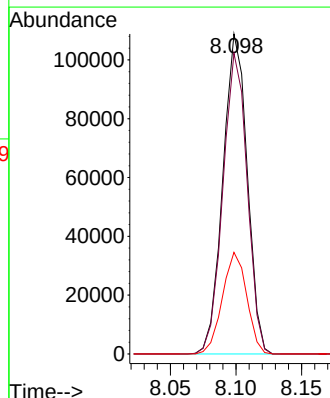
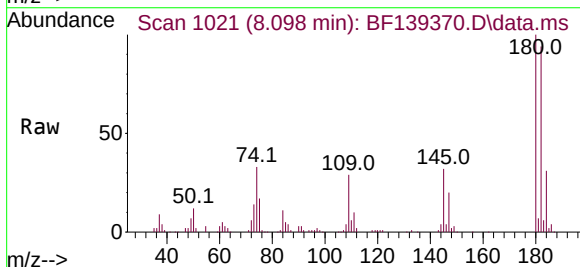
Tgt Ion:180 Resp: 140511

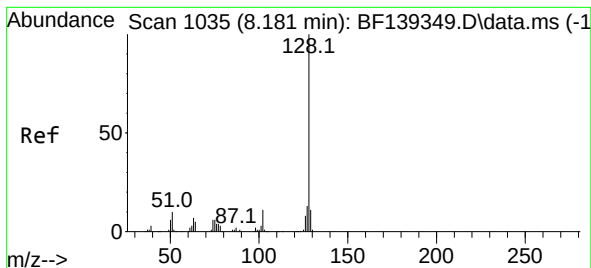
Ion Ratio Lower Upper

180 100

182 94.0 75.7 113.5

145 31.8 26.5 39.7





#31

Naphthalene

Concen: 42.742 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

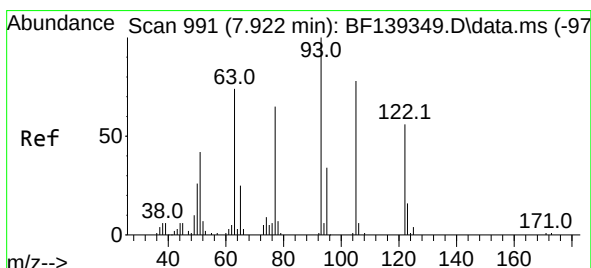
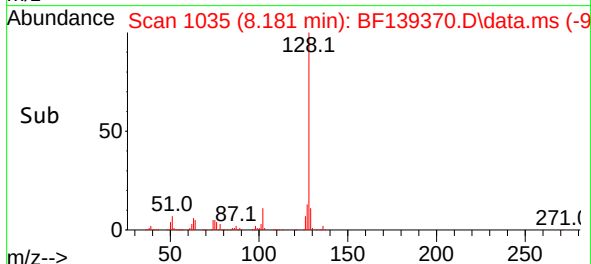
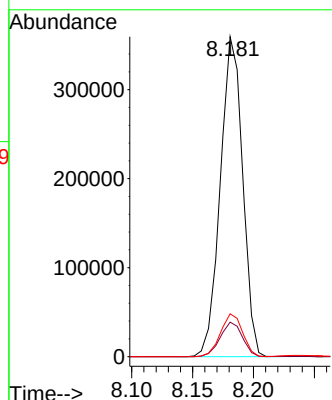
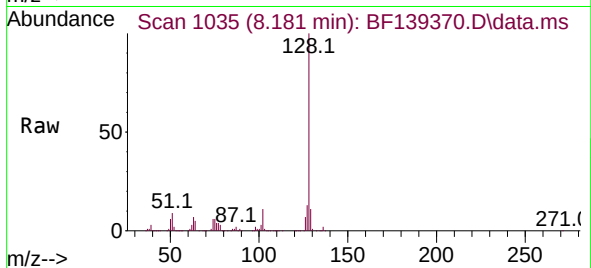
Tgt Ion:128 Resp: 458600

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 42.634 ng

RT: 7.928 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

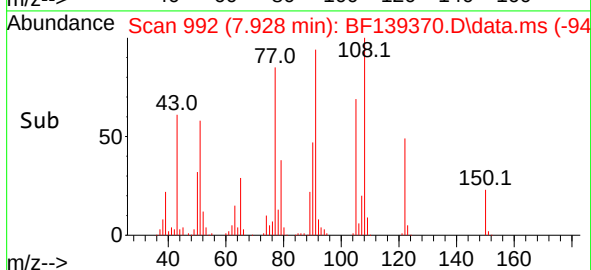
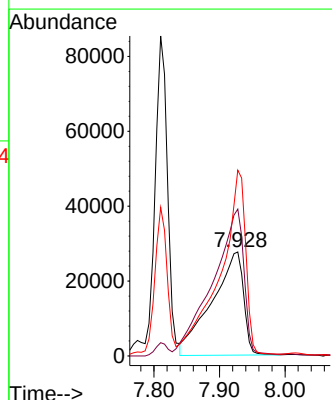
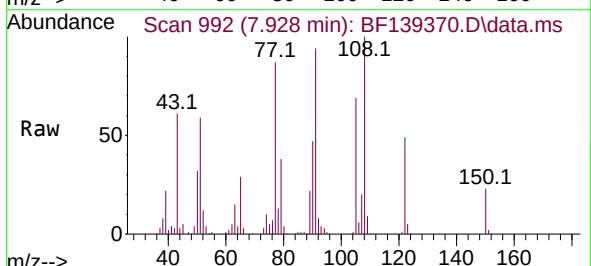
Tgt Ion:122 Resp: 92257

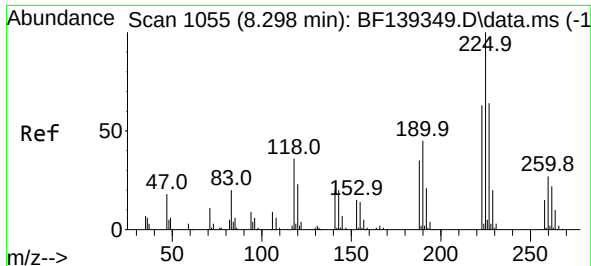
Ion Ratio Lower Upper

122 100

105 141.1 117.1 157.1

77 178.4 95.4 135.4#





#34

Hexachlorobutadiene

Concen: 40.566 ng

RT: 8.298 min Scan# 110

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

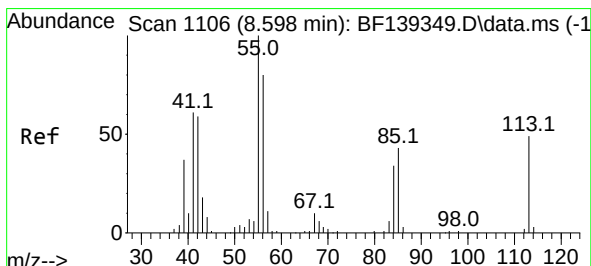
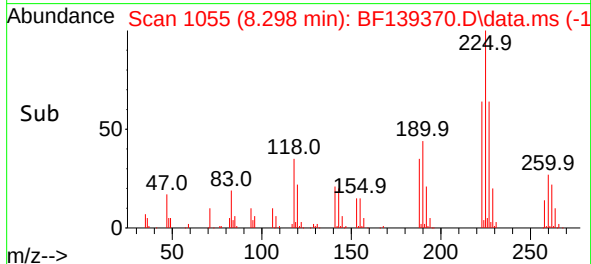
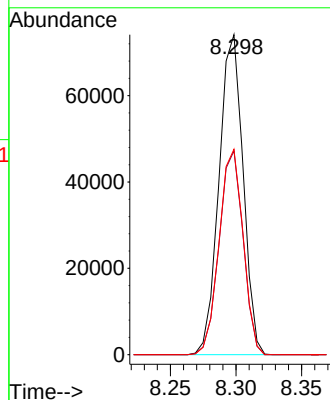
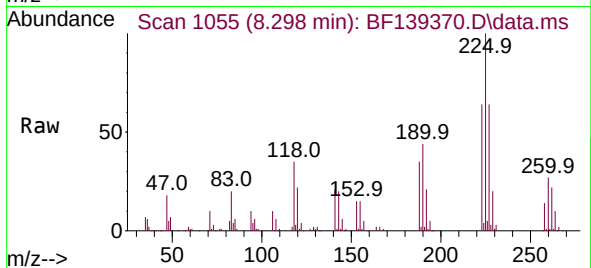
Tgt Ion:225 Resp: 94329

Ion Ratio Lower Upper

225 100

223 63.7 50.1 75.1

227 64.2 51.0 76.6



#35

Caprolactam

Concen: 17.723 ng

RT: 8.634 min Scan# 1112

Delta R.T. 0.035 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

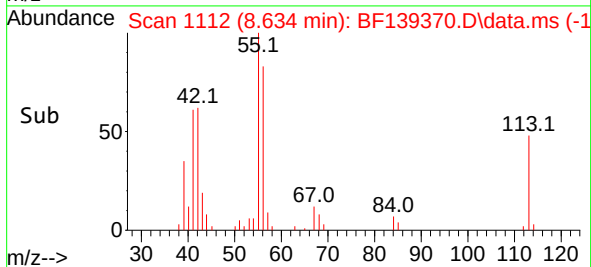
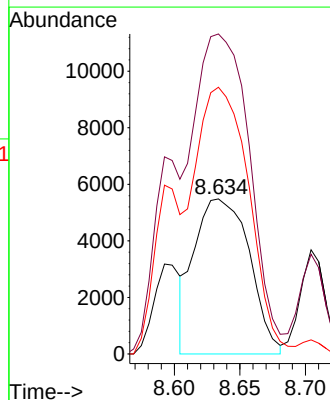
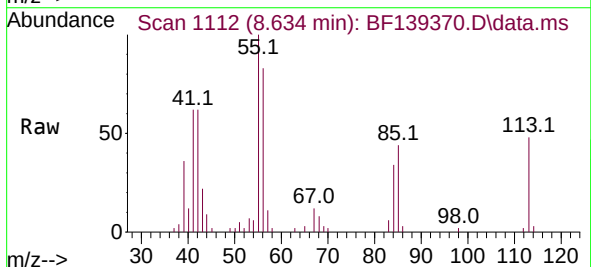
Tgt Ion:113 Resp: 16015

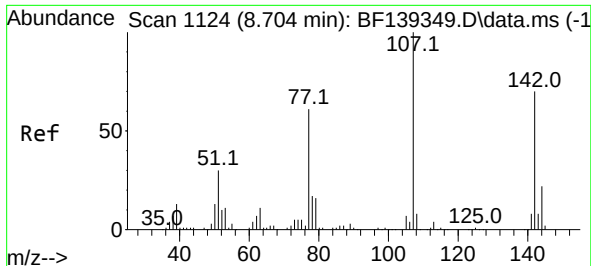
Ion Ratio Lower Upper

113 100

55 206.4 186.1 226.1

56 172.0 144.9 184.9





#36

4-Chloro-3-methylphenol

Concen: 43.699 ng

RT: 8.704 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

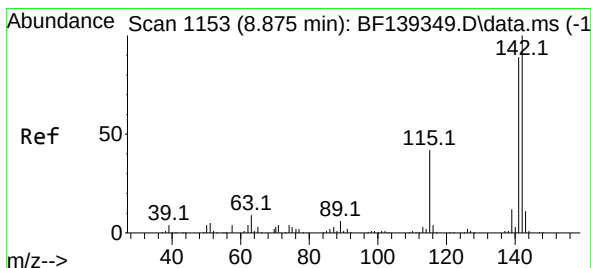
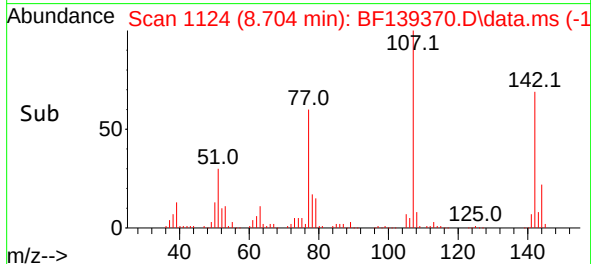
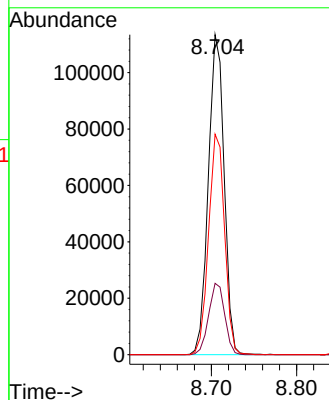
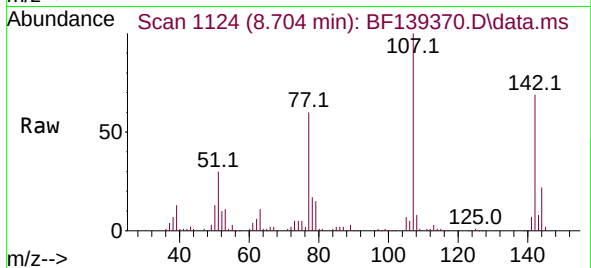
Tgt Ion:107 Resp: 146705

Ion Ratio Lower Upper

107 100

144 22.3 17.5 26.3

142 68.9 55.8 83.8



#37

2-Methylnaphthalene

Concen: 45.496 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139370.D

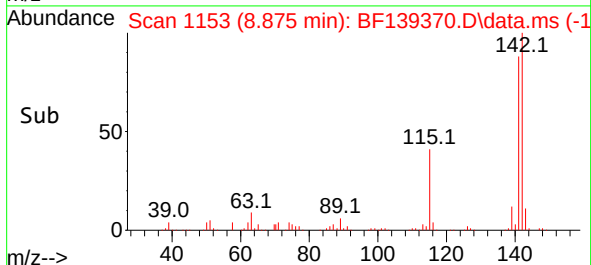
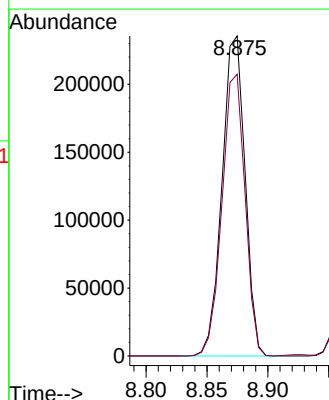
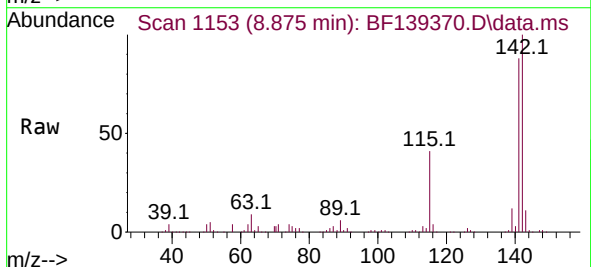
Acq: 14 Sep 2024 16:11

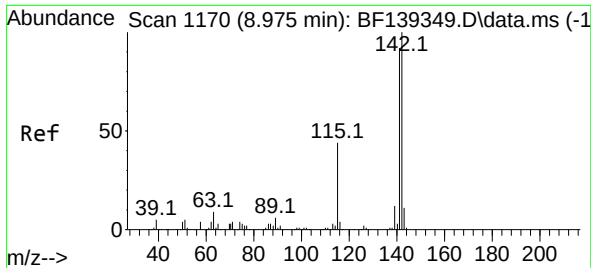
Tgt Ion:142 Resp: 309842

Ion Ratio Lower Upper

142 100

141 88.0 71.6 107.4

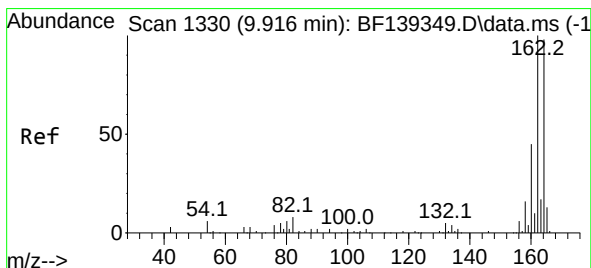
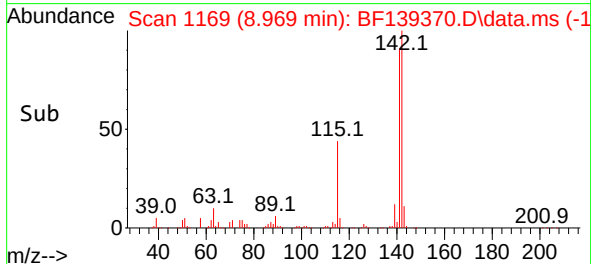
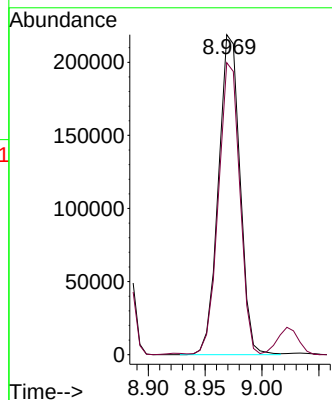
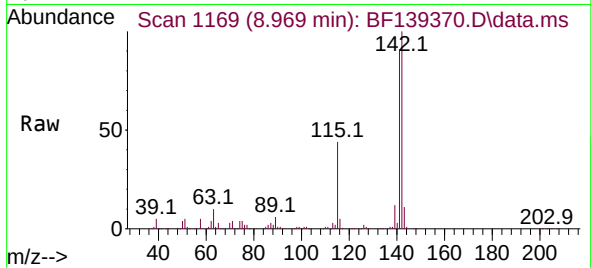




#38
1-Methylnaphthalene
Concen: 43.192 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

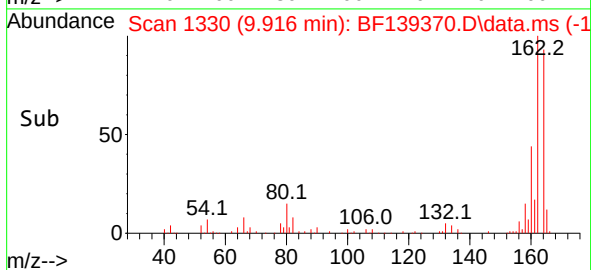
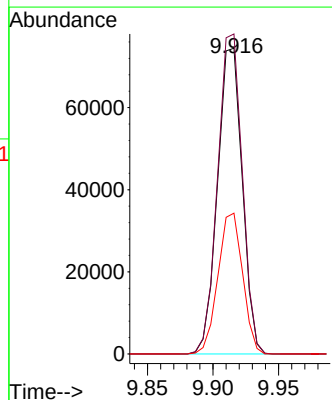
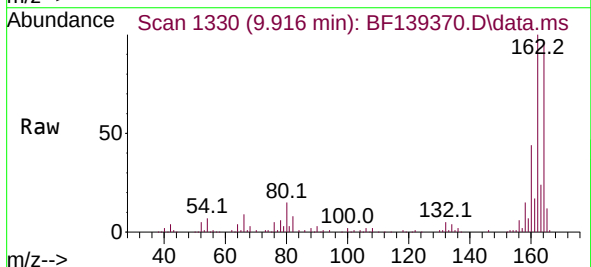
Instrument :
BNA_F
ClientSampleId :
FM1MS

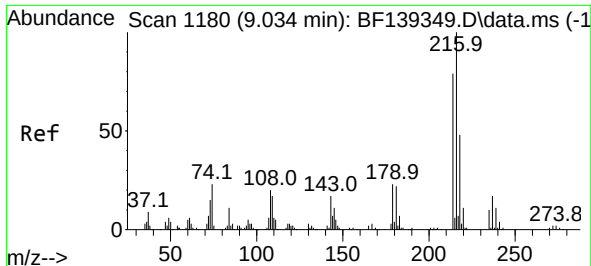
Tgt Ion:142 Resp: 288790
Ion Ratio Lower Upper
142 100
141 91.3 73.2 109.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:164 Resp: 97759
Ion Ratio Lower Upper
164 100
162 104.7 81.3 121.9
160 46.0 36.4 54.6

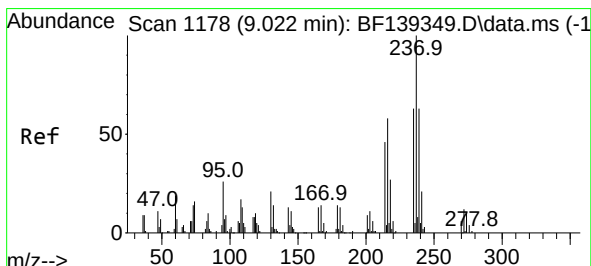
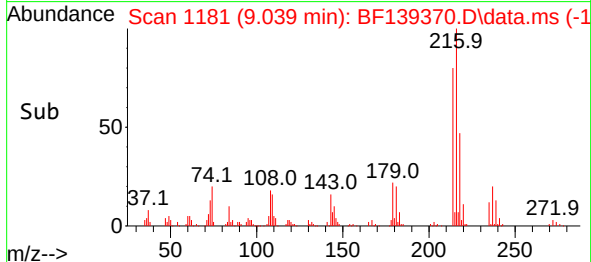
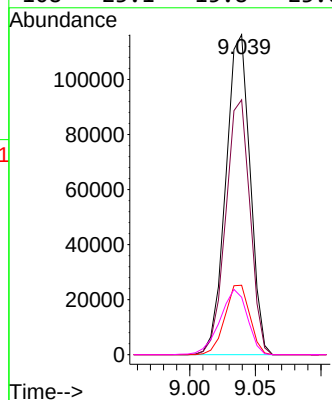
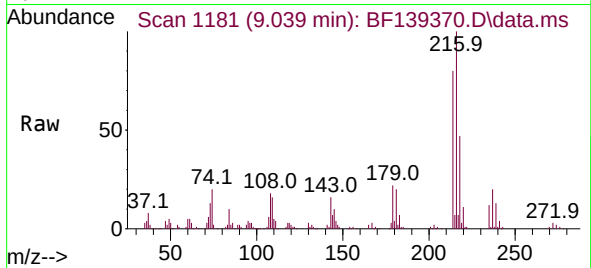




#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.770 ng
RT: 9.039 min Scan# 1180
Delta R.T. 0.006 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

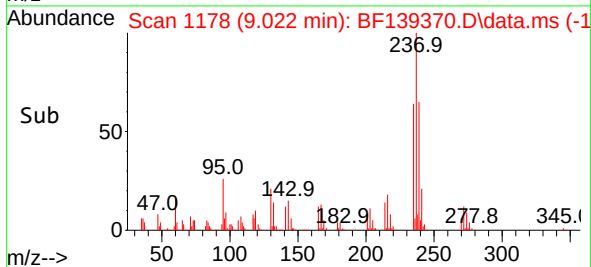
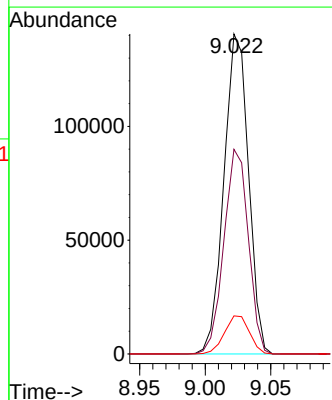
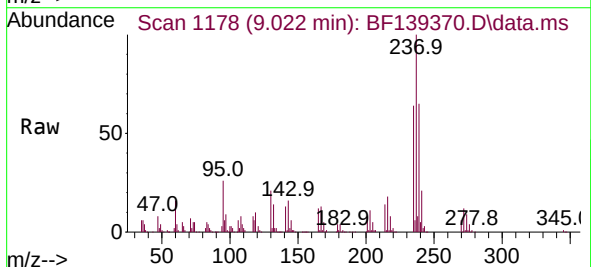
Instrument :
BNA_F
ClientSampleId :
FM1MS

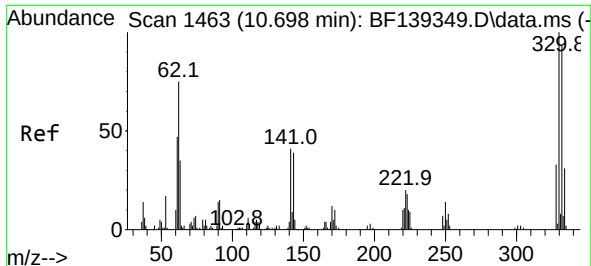
Tgt Ion:216 Resp: 149991
Ion Ratio Lower Upper
216 100
214 79.6 63.4 95.0
179 22.1 18.2 27.2
108 23.1 15.8 23.6



#41
Hexachlorocyclopentadiene
Concen: 181.081 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

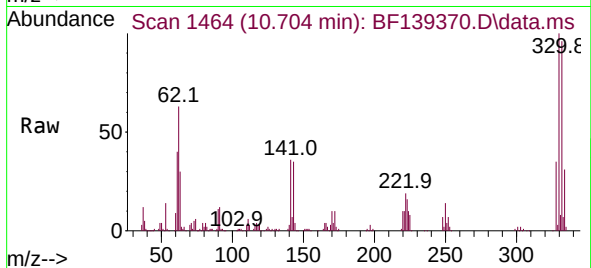
Tgt Ion:237 Resp: 183182
Ion Ratio Lower Upper
237 100
235 64.0 42.7 82.7
272 11.9 0.0 32.5



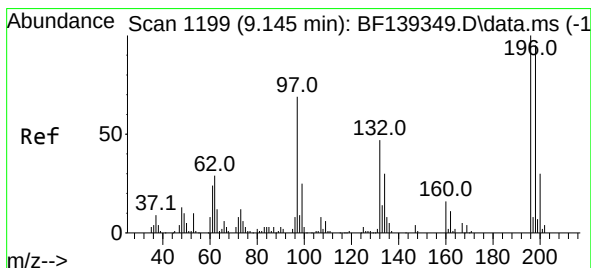
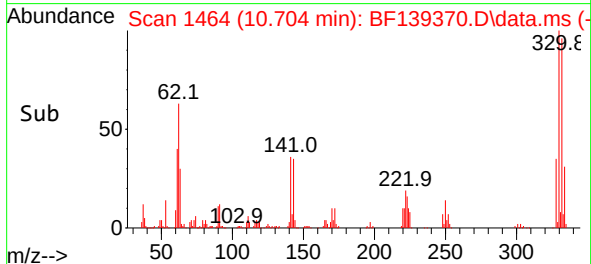
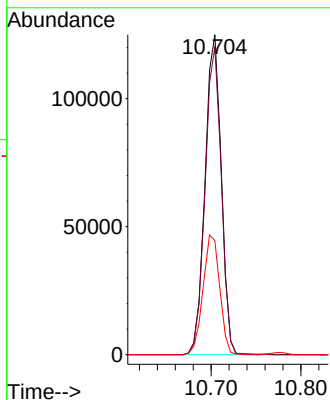


#42
2,4,6-Tribromophenol
Concen: 150.829 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Instrument :
BNA_F
ClientSampleId :
FM1MS

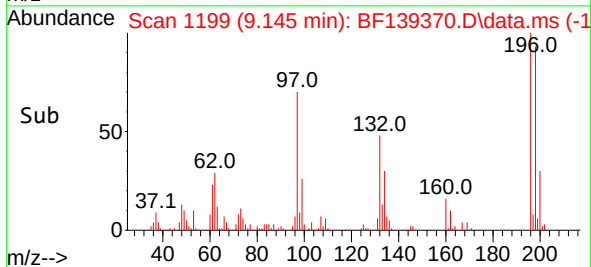
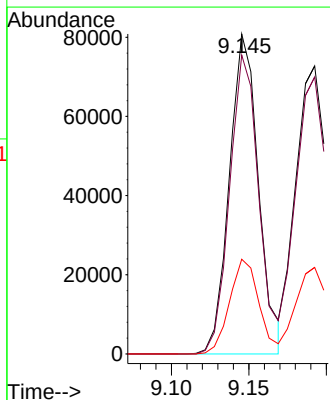
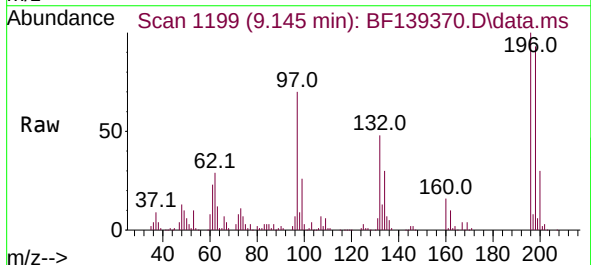


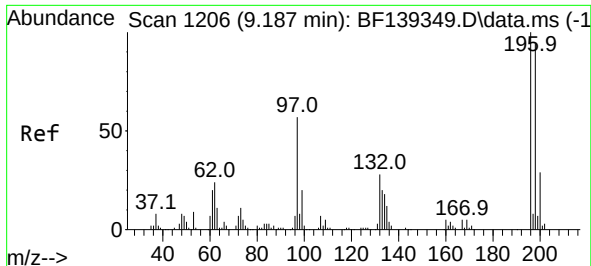
Tgt Ion:330 Resp: 156977
Ion Ratio Lower Upper
330 100
332 96.0 75.2 112.8
141 38.5 31.2 46.8



#43
2,4,6-Trichlorophenol
Concen: 55.963 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:196 Resp: 105487
Ion Ratio Lower Upper
196 100
198 93.4 75.8 113.6
200 29.6 24.1 36.1

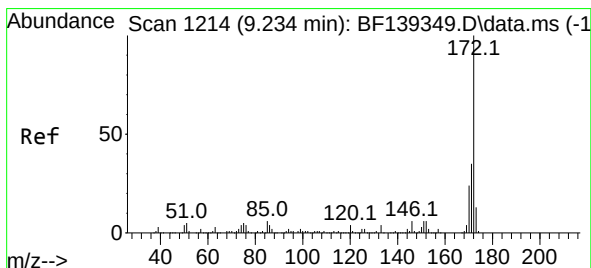
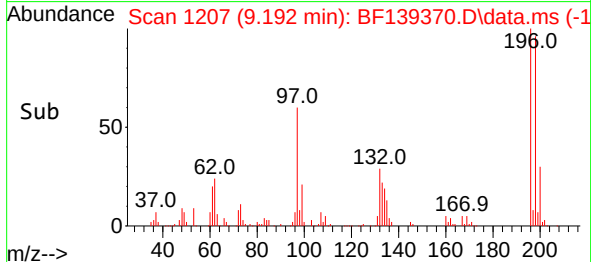
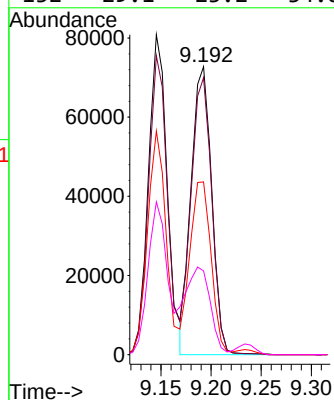
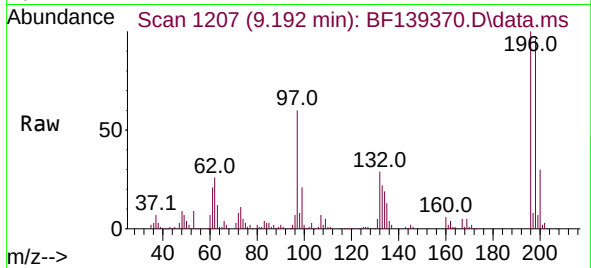




#44
2,4,5-Trichlorophenol
Concen: 52.486 ng
RT: 9.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

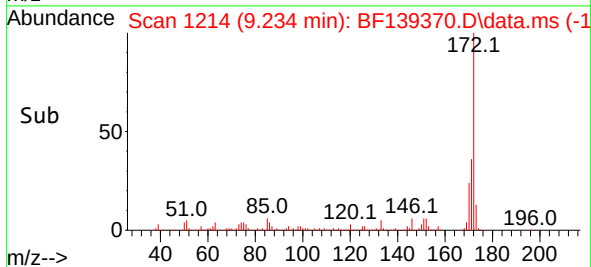
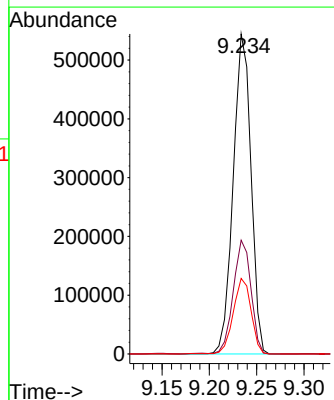
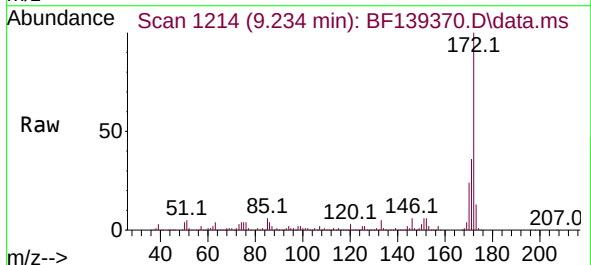
Instrument :
BNA_F
ClientSampleId :
FM1MS

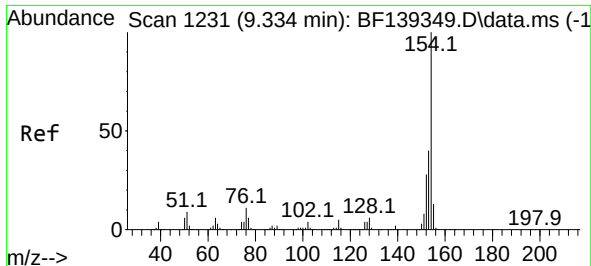
Tgt Ion:196 Resp: 104358
Ion Ratio Lower Upper
196 100
198 96.2 74.8 112.2
97 60.0 47.3 70.9
132 29.1 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 101.838 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:172 Resp: 709838
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 19.0 28.6

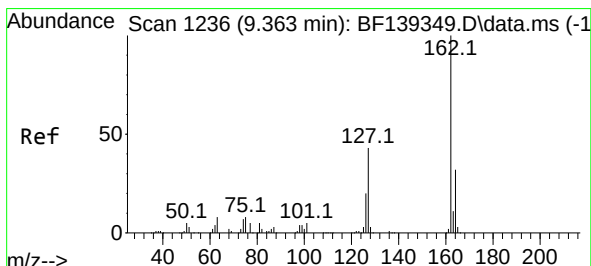
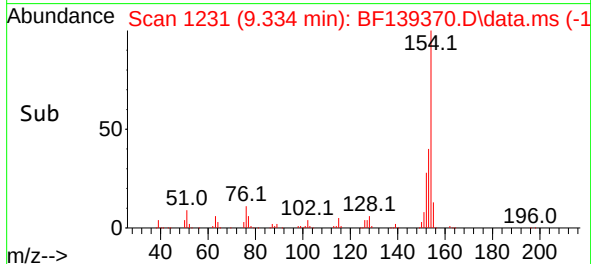
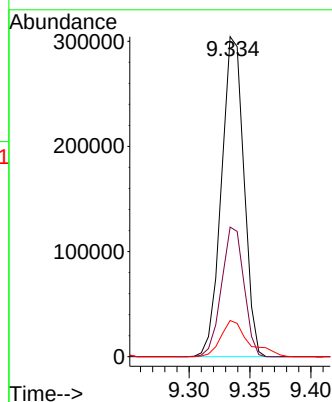
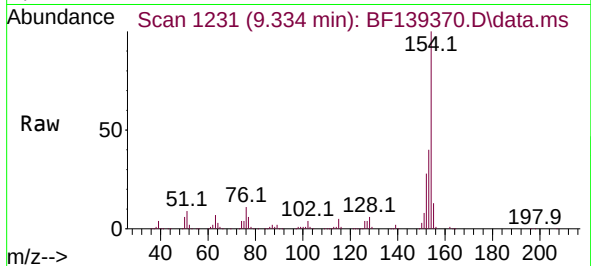




#46
1,1'-Biphenyl
Concen: 51.897 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

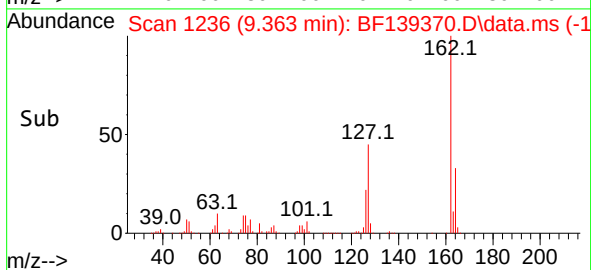
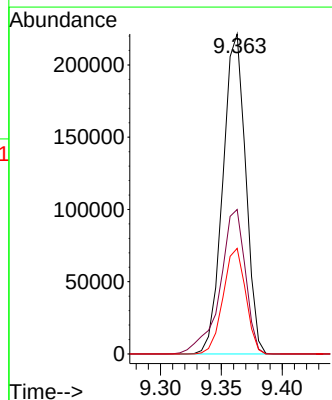
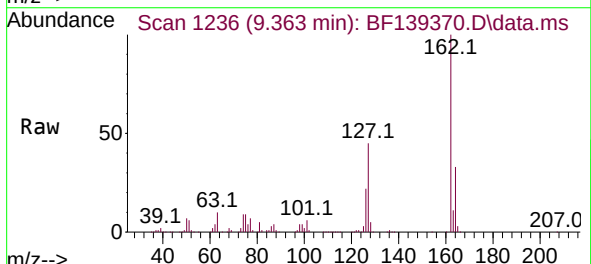
Instrument :
BNA_F
ClientSampleId :
FM1MS

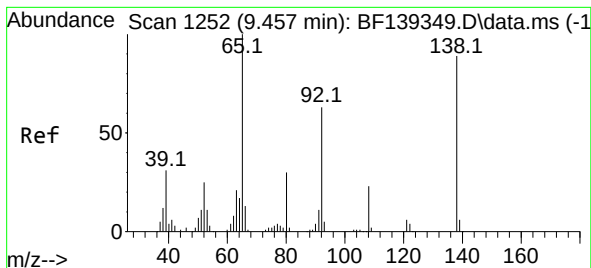
Tgt Ion:154 Resp: 390310
Ion Ratio Lower Upper
154 100
153 40.5 20.1 60.1
76 11.3 0.0 31.1



#47
2-Chloronaphthalene
Concen: 51.269 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:162 Resp: 288302
Ion Ratio Lower Upper
162 100
127 45.2 35.0 52.4
164 33.0 25.8 38.6





#48

2-Nitroaniline

Concen: 26.567 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

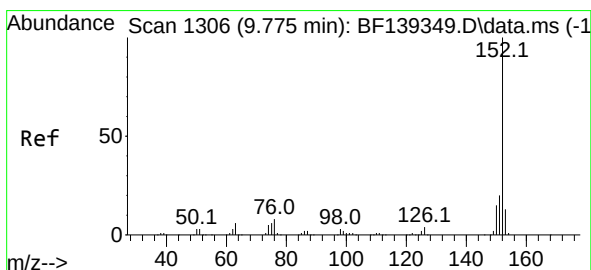
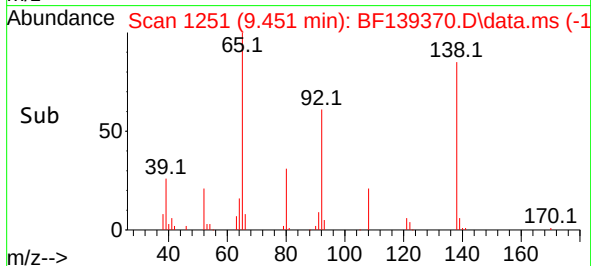
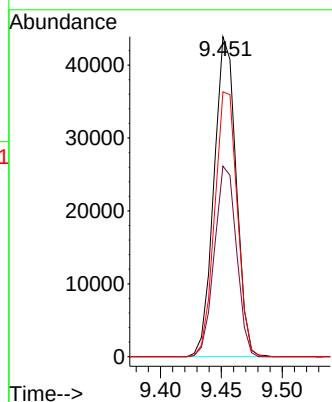
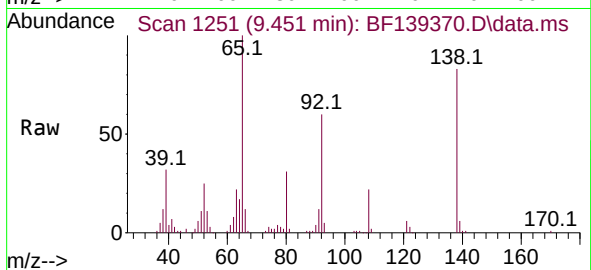
Tgt Ion: 65 Resp: 55567

Ion Ratio Lower Upper

65 100

92 59.5 50.3 75.5

138 82.8 71.3 106.9



#49

Acenaphthylene

Concen: 32.339 ng

RT: 9.775 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

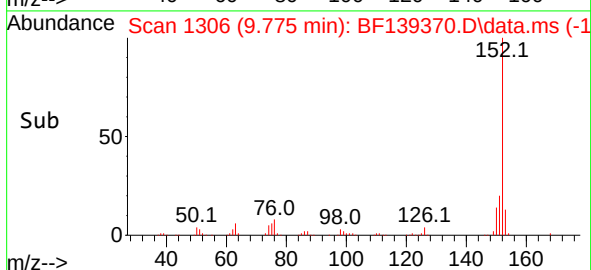
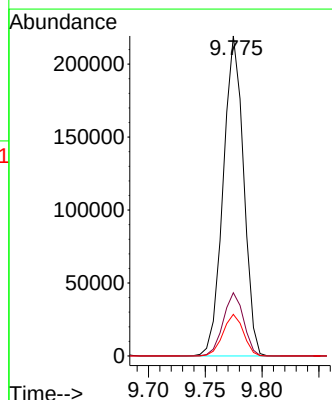
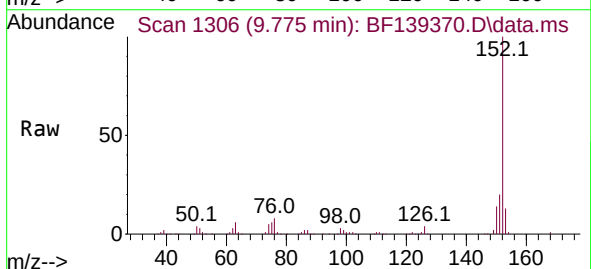
Tgt Ion: 152 Resp: 273743

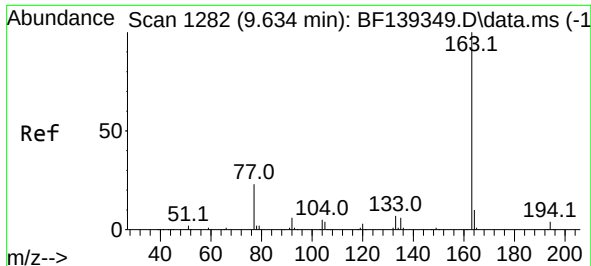
Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 13.0 10.3 15.5

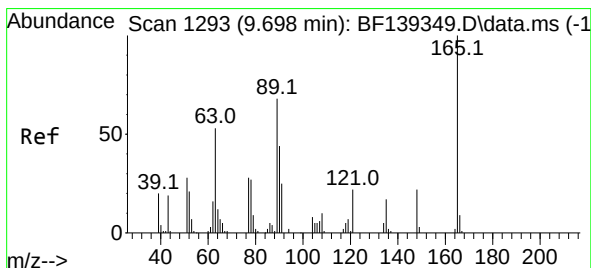
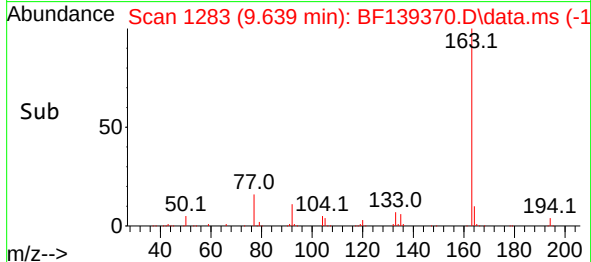
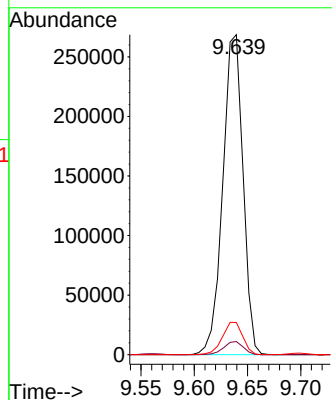
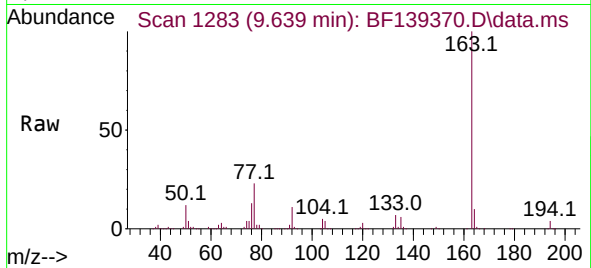




#50
Dimethylphthalate
Concen: 55.300 ng
RT: 9.639 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

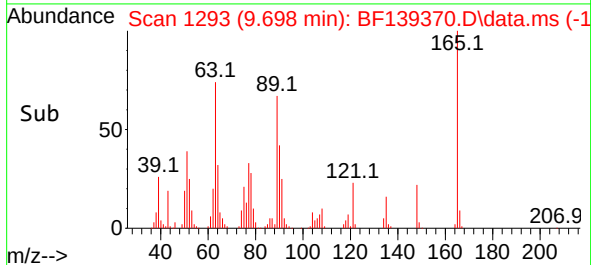
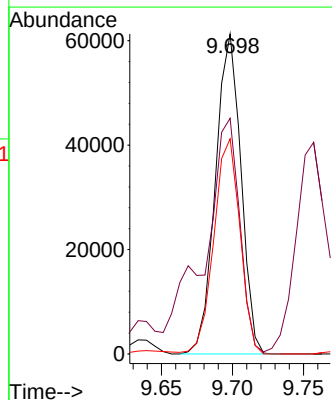
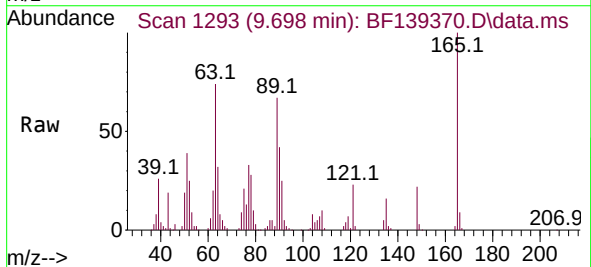
Instrument :
BNA_F
ClientSampleId :
FM1MS

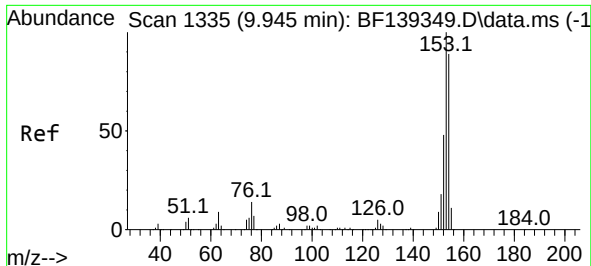
Tgt Ion:163 Resp: 354824
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.0 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 53.711 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:165 Resp: 76346
Ion Ratio Lower Upper
165 100
63 73.7 60.9 91.3
89 67.3 54.7 82.1

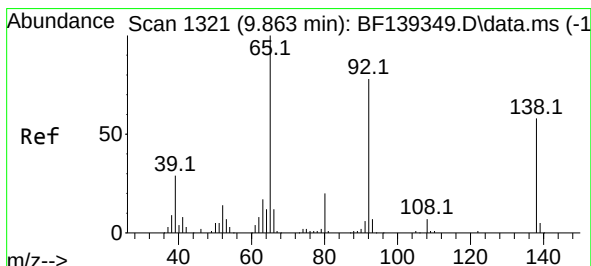
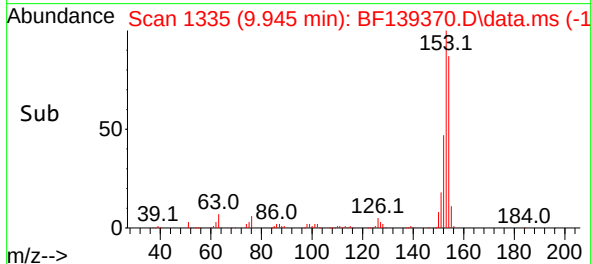
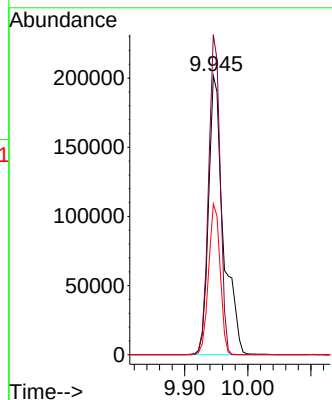
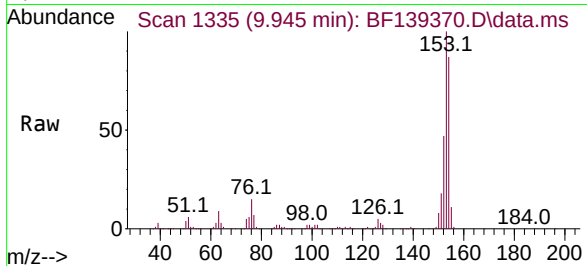




#52
Acenaphthene
Concen: 55.855 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

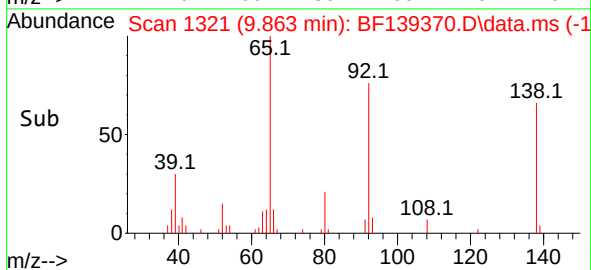
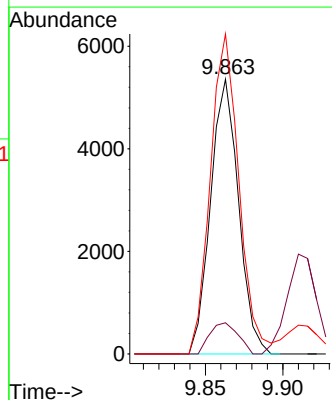
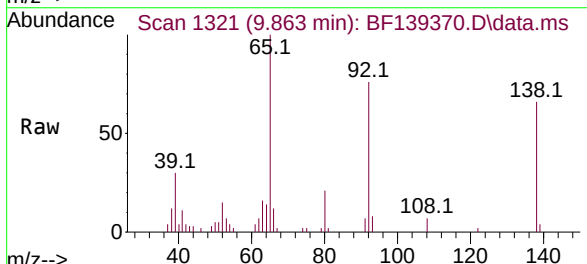
Instrument :
BNA_F
ClientSampleId :
FM1MS

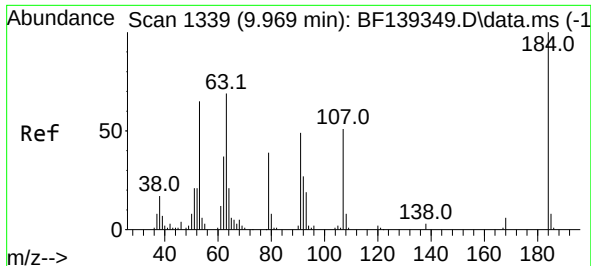
Tgt Ion:154 Resp: 329979
Ion Ratio Lower Upper
154 100
153 114.8 89.5 134.3
152 54.1 42.6 64.0



#53
3-Nitroaniline
Concen: 4.722 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:138 Resp: 6708
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.8
92 116.5 107.4 161.2





#54

2,4-Dinitrophenol

Concen: 123.402 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

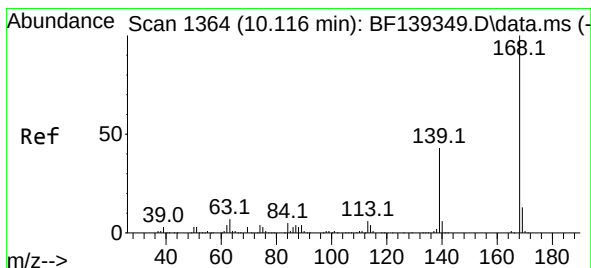
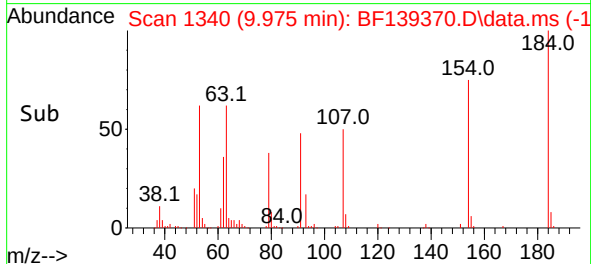
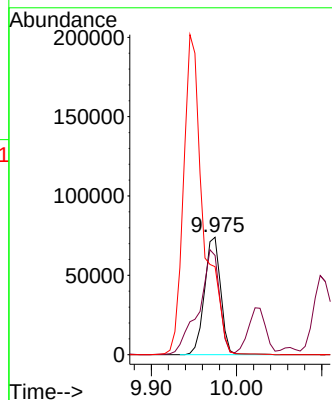
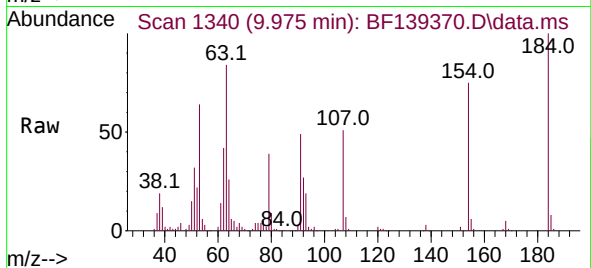
Tgt Ion:184 Resp: 97740

Ion Ratio Lower Upper

184 100

63 84.4 69.3 103.9

154 75.0 67.5 101.3



#55

Dibenzofuran

Concen: 53.420 ng

RT: 10.122 min Scan# 1365

Delta R.T. 0.006 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

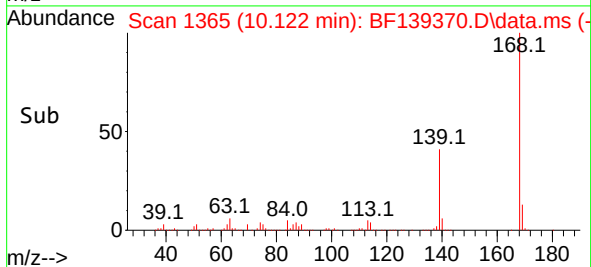
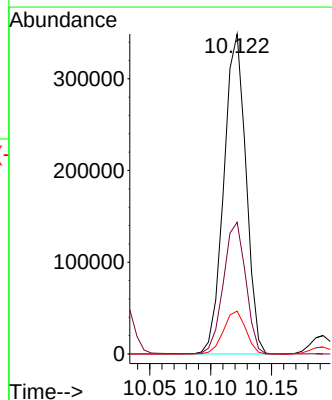
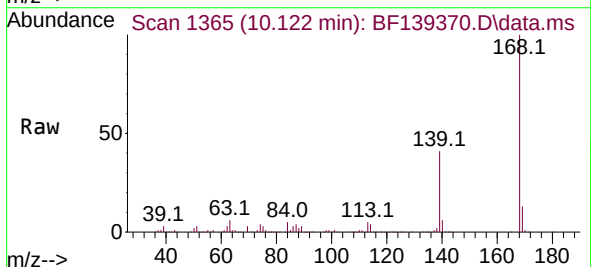
Tgt Ion:168 Resp: 439877

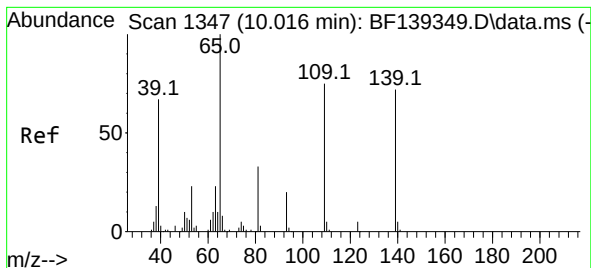
Ion Ratio Lower Upper

168 100

139 41.2 34.1 51.1

169 13.4 10.5 15.7

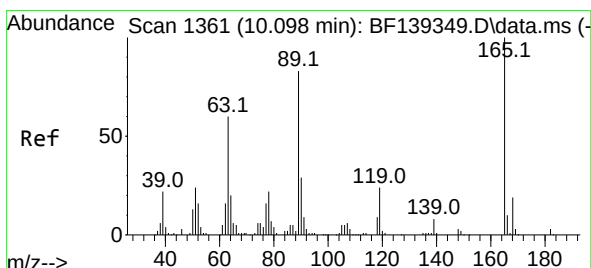
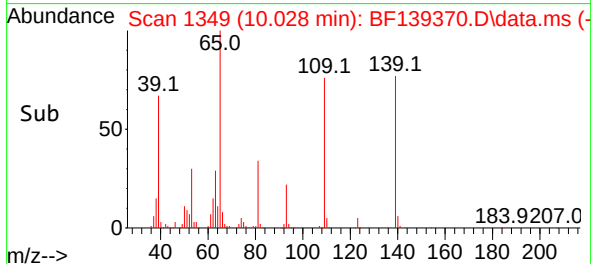
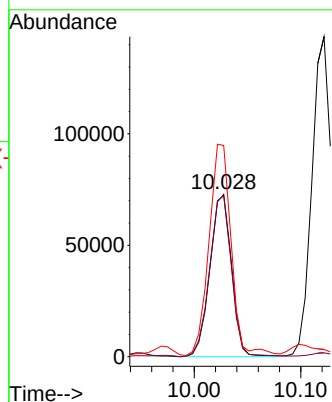
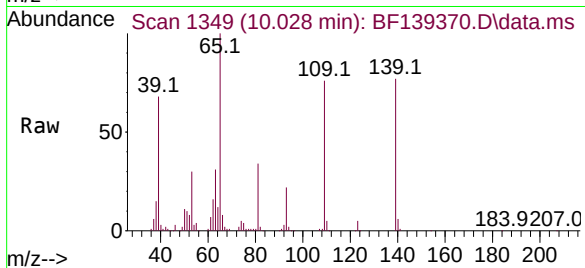




#56
4-Nitrophenol
Concen: 87.570 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

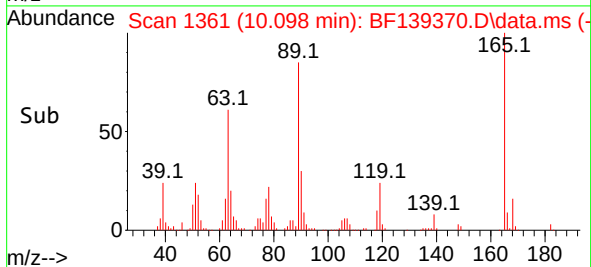
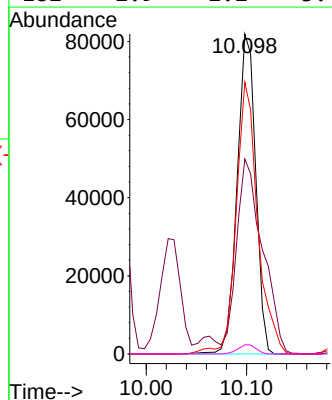
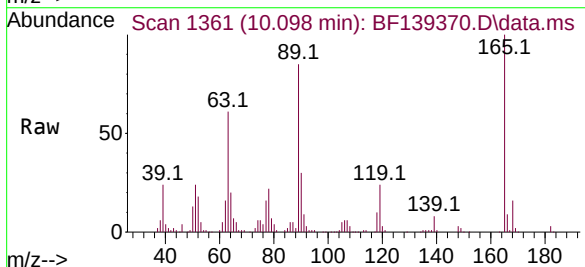
Instrument :
BNA_F
ClientSampleId :
FM1MS

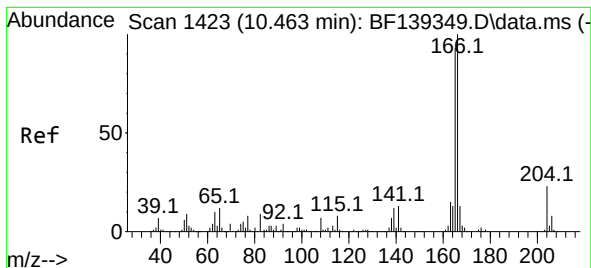
Tgt Ion:139 Resp: 102933
Ion Ratio Lower Upper
139 100
109 99.0 84.1 124.1
65 130.1 120.0 160.0



#57
2,4-Dinitrotoluene
Concen: 55.014 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:165 Resp: 105573
Ion Ratio Lower Upper
165 100
63 60.9 47.8 71.6
89 84.9 66.7 100.1
182 2.9 2.2 3.4





#58

Fluorene

Concen: 52.384 ng

RT: 10.463 min Scan# 1423

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

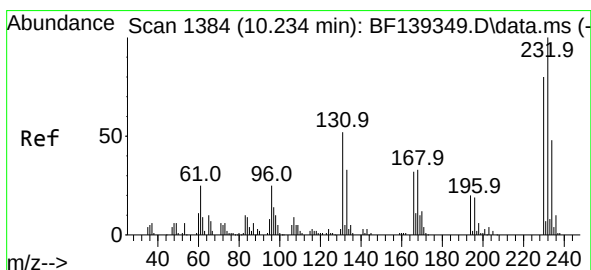
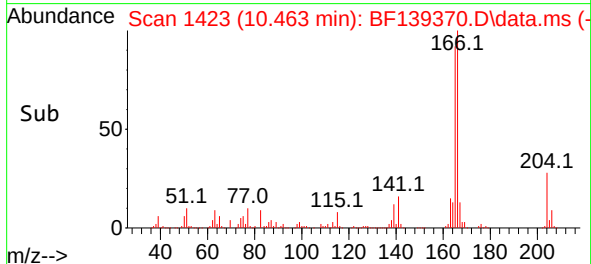
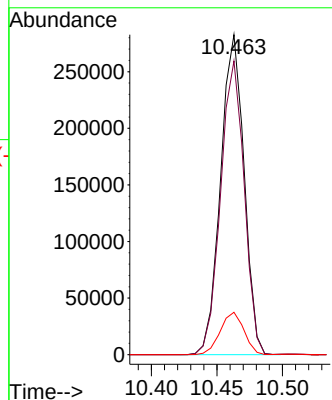
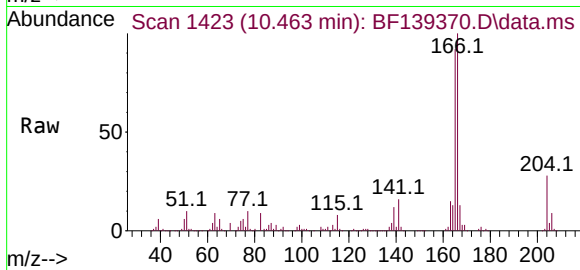
Tgt Ion:166 Resp: 351942

Ion Ratio Lower Upper

166 100

165 91.8 74.5 111.7

167 13.3 10.6 16.0



#59

2,3,4,6-Tetrachlorophenol

Concen: 55.425 ng

RT: 10.234 min Scan# 1384

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Tgt Ion:232 Resp: 91162

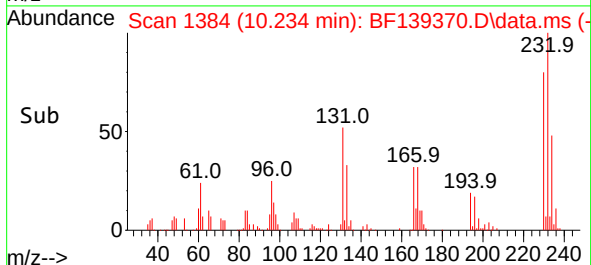
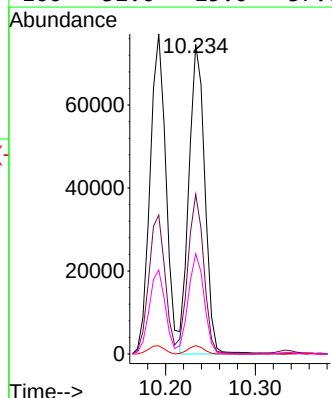
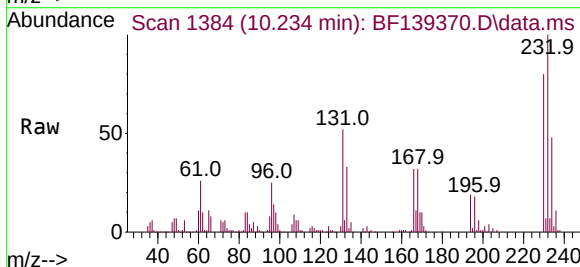
Ion Ratio Lower Upper

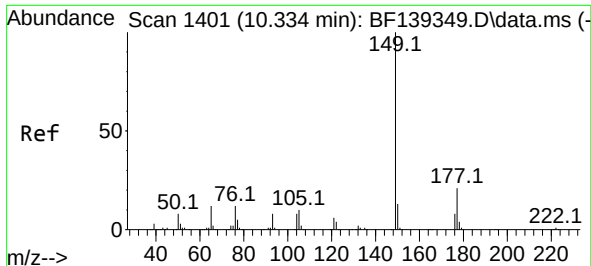
232 100

131 51.9 40.7 61.1

130 2.6 2.2 3.2

166 32.6 25.0 37.6

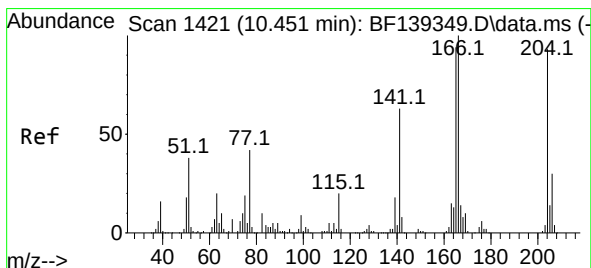
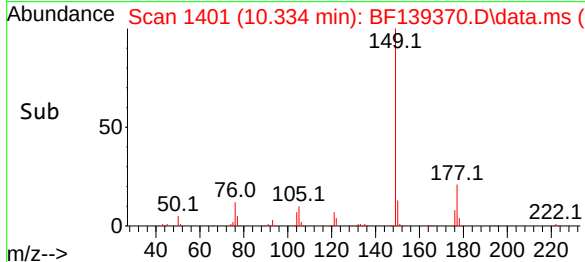
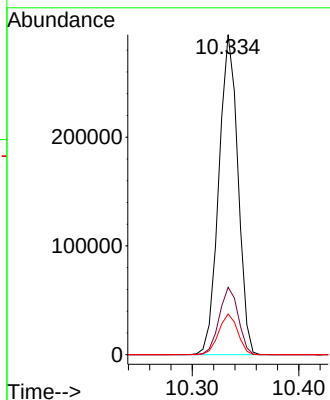
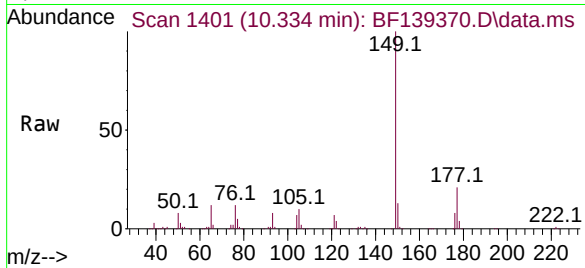




#60
Diethylphthalate
Concen: 55.118 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

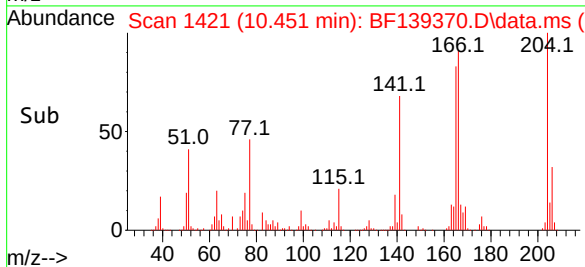
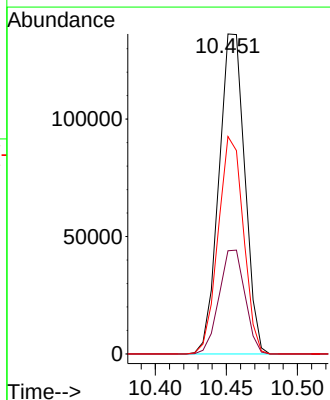
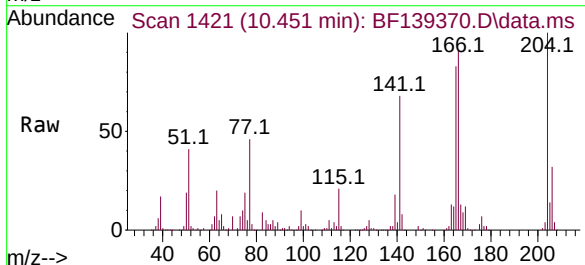
Instrument :
BNA_F
ClientSampleId :
FM1MS

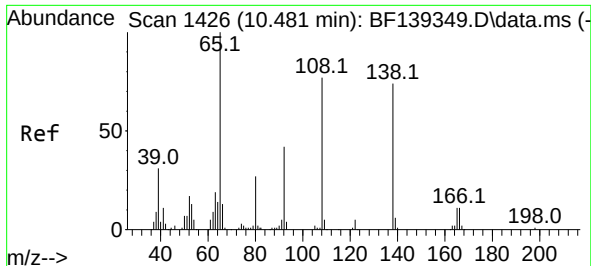
Tgt Ion:149 Resp: 364960
Ion Ratio Lower Upper
149 100
177 21.0 16.6 24.8
150 12.7 10.6 15.8



#61
4-Chlorophenyl-phenylether
Concen: 52.879 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:204 Resp: 172657
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.2
141 67.9 53.9 80.9

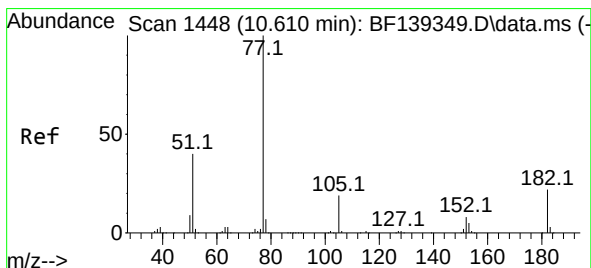
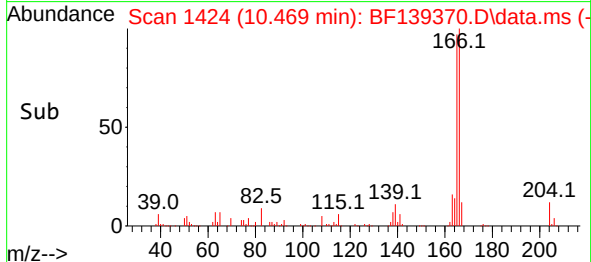
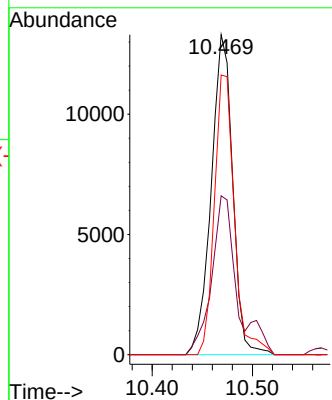
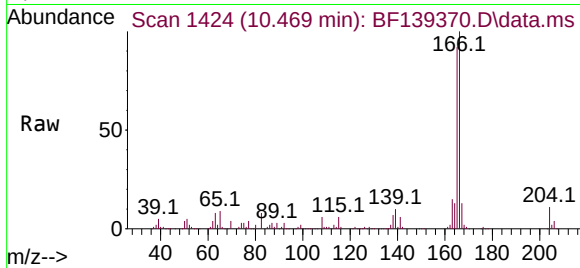




#62
4-Nitroaniline
Concen: 12.766 ng
RT: 10.469 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

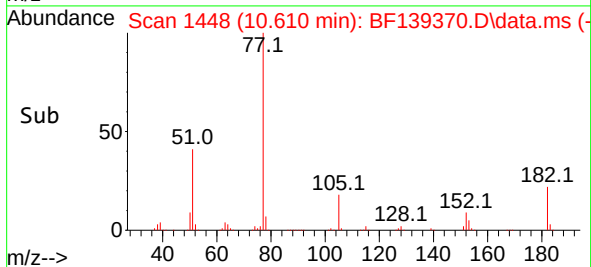
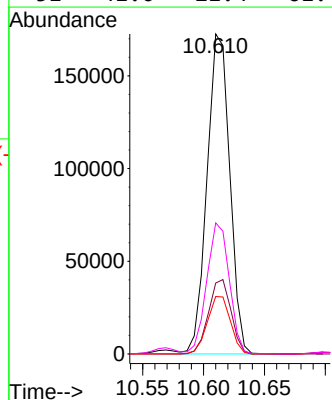
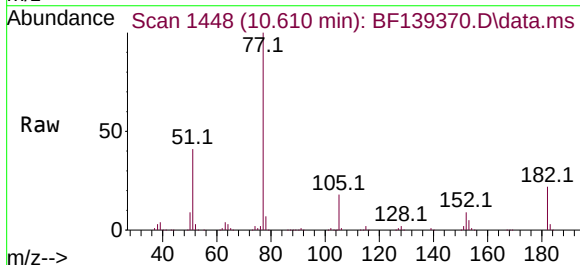
Instrument :
BNA_F
ClientSampleId :
FM1MS

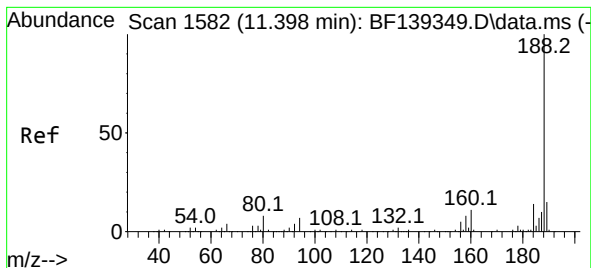
Tgt Ion:138 Resp: 19792
Ion Ratio Lower Upper
138 100
92 49.7 37.0 77.0
108 87.4 84.4 124.4



#63
Azobenzene
Concen: 34.354 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion: 77 Resp: 223734
Ion Ratio Lower Upper
77 100
182 22.1 1.8 41.8
105 18.0 0.0 38.6
51 41.0 21.4 61.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

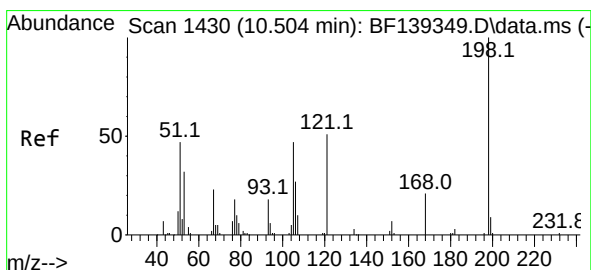
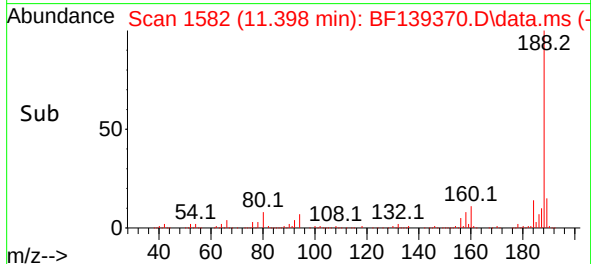
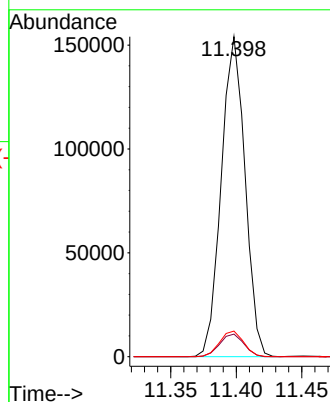
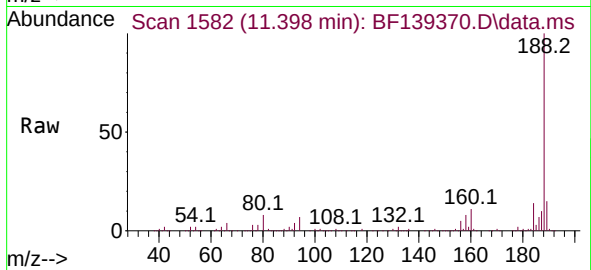
Tgt Ion:188 Resp: 193877

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

80 8.0 6.6 9.8



#65

4,6-Dinitro-2-methylphenol

Concen: 56.628 ng

RT: 10.504 min Scan# 1430

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

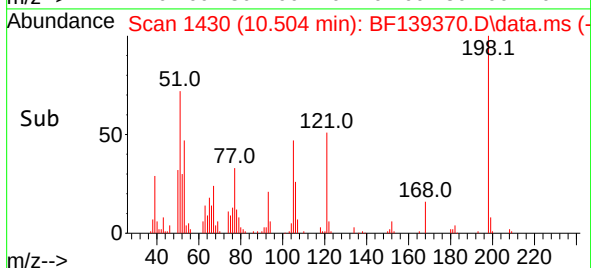
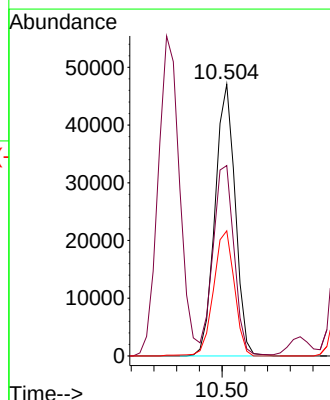
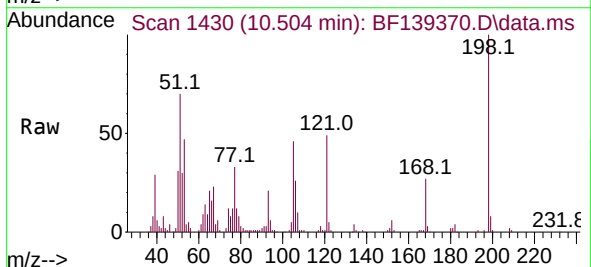
Tgt Ion:198 Resp: 57945

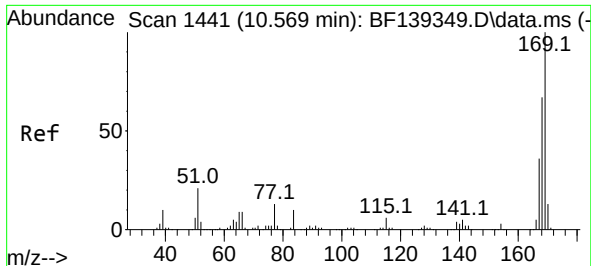
Ion Ratio Lower Upper

198 100

51 70.1 50.4 90.4

105 46.0 28.3 68.3

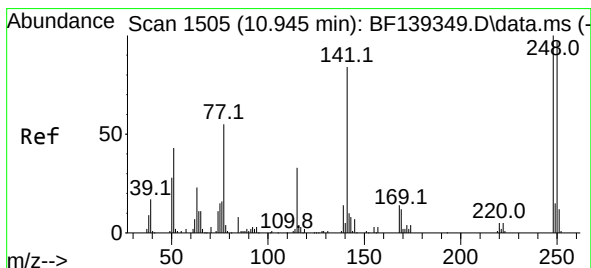
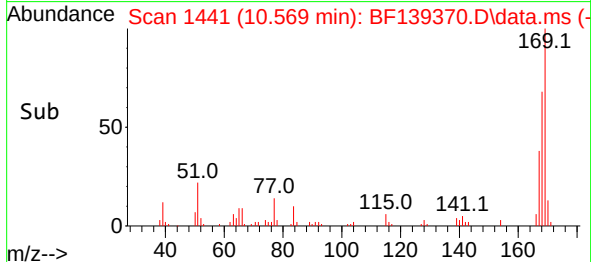
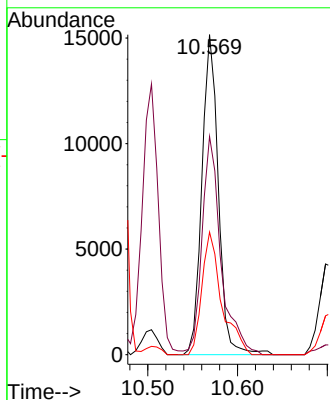
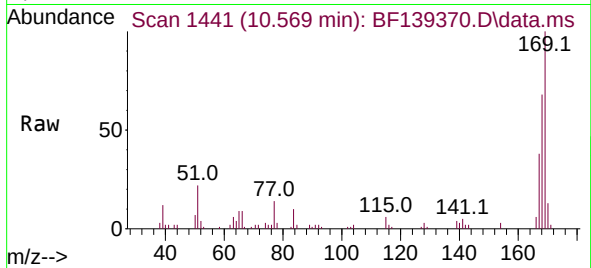




#66
n-Nitrosodiphenylamine
Concen: 3.409 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

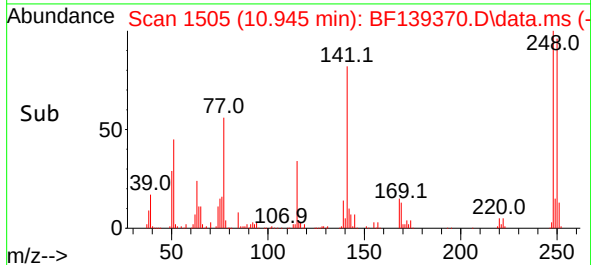
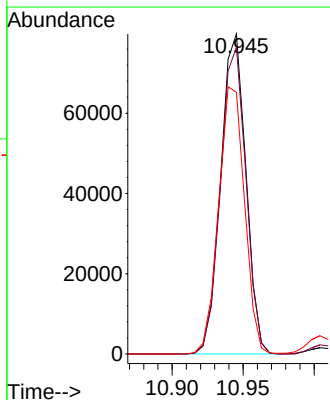
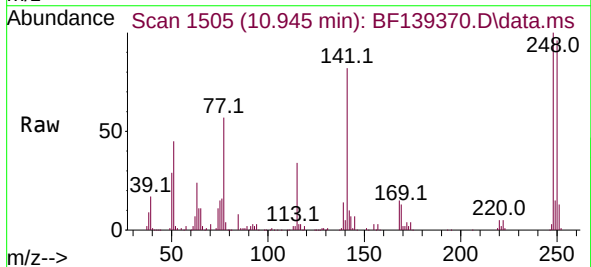
Instrument :
BNA_F
ClientSampleId :
FM1MS

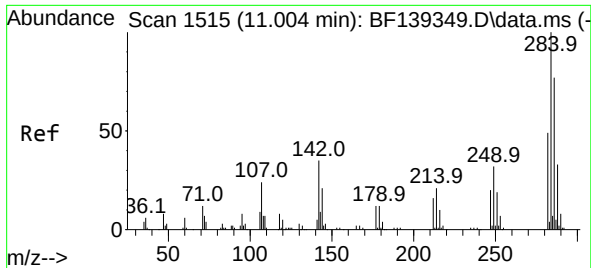
Tgt Ion:169 Resp: 19325
Ion Ratio Lower Upper
169 100
168 68.2 53.6 80.4
167 38.3 28.7 43.1



#67
4-Bromophenyl-phenylether
Concen: 51.290 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:248 Resp: 98541
Ion Ratio Lower Upper
248 100
250 95.9 77.6 116.4
141 81.7 66.9 100.3

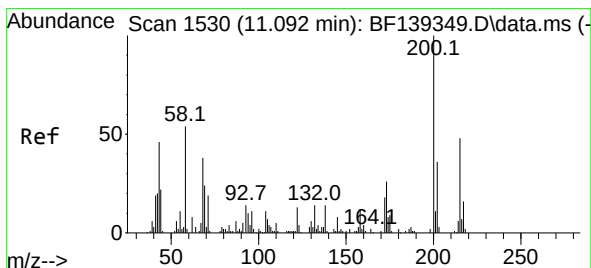
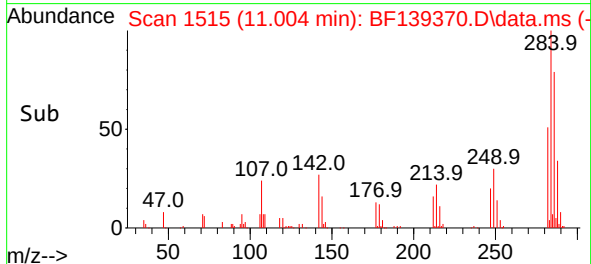
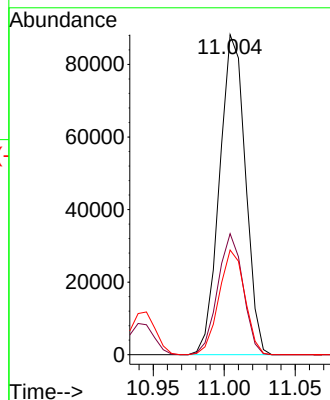
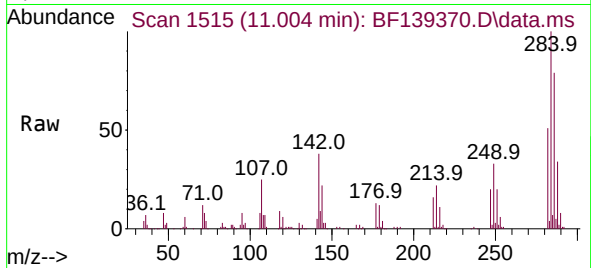




#68
Hexachlorobenzene
Concen: 49.564 ng
RT: 11.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

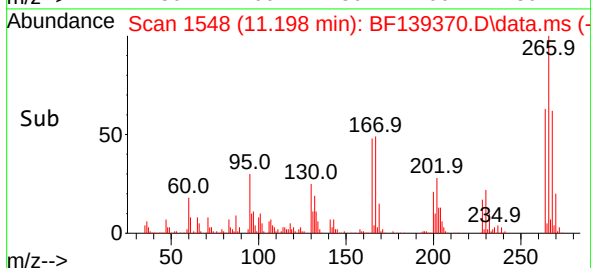
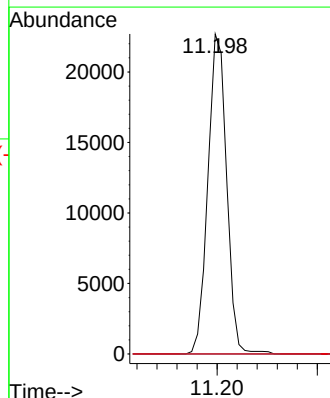
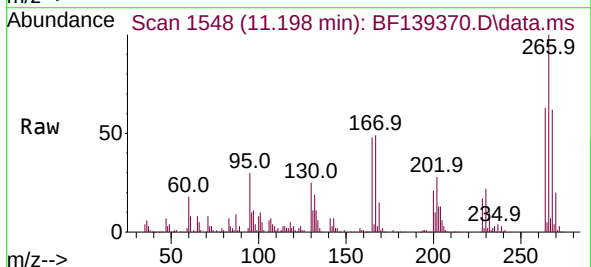
Instrument :
BNA_F
ClientSampleId :
FM1MS

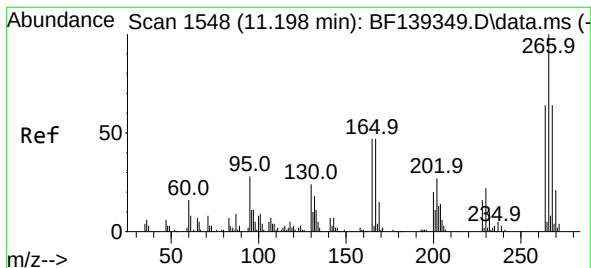
Tgt Ion:284 Resp: 111759
Ion Ratio Lower Upper
284 100
142 37.8 28.0 42.0
249 32.7 25.3 37.9



#69
Atrazine
Concen: 21.848 ng
RT: 11.198 min Scan# 1548
Delta R.T. 0.106 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:200 Resp: 29483
Ion Ratio Lower Upper
200 100
173 0.0 6.1 46.1#
215 0.0 28.2 68.2#





#70

Pentachlorophenol

Concen: 108.310 ng

RT: 11.198 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

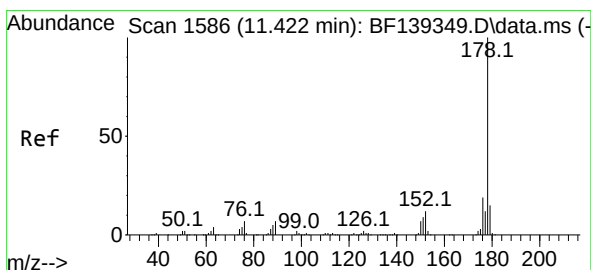
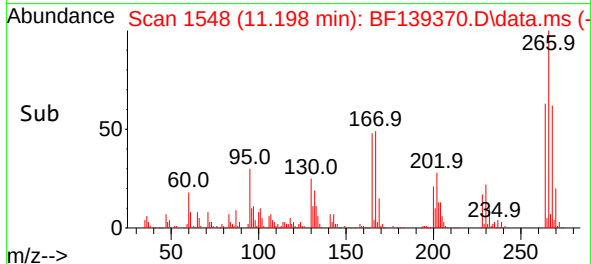
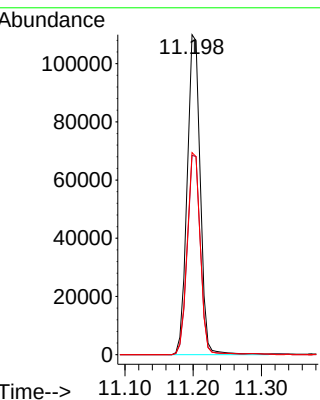
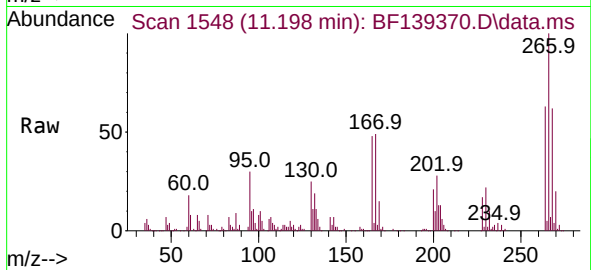
Tgt Ion:266 Resp: 146544

Ion Ratio Lower Upper

266 100

268 62.3 51.1 76.7

264 63.2 51.4 77.0



#71

Phenanthrene

Concen: 50.176 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

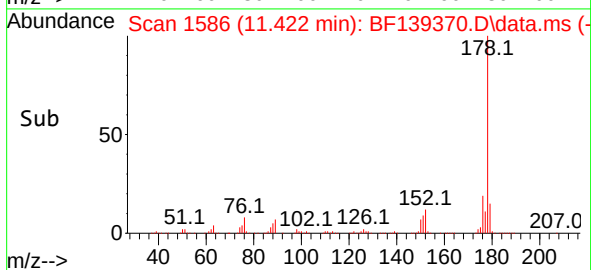
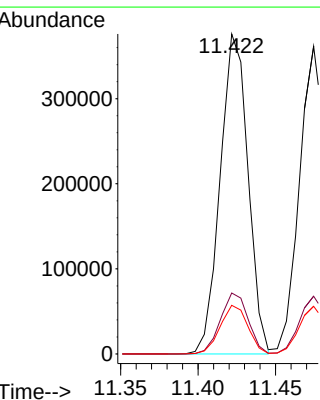
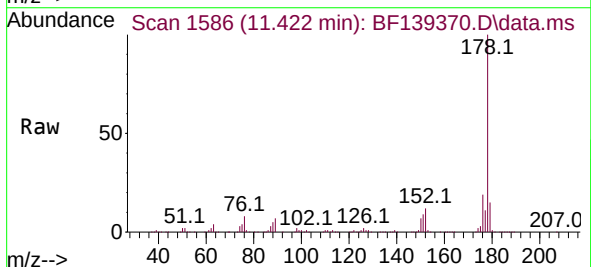
Tgt Ion:178 Resp: 469333

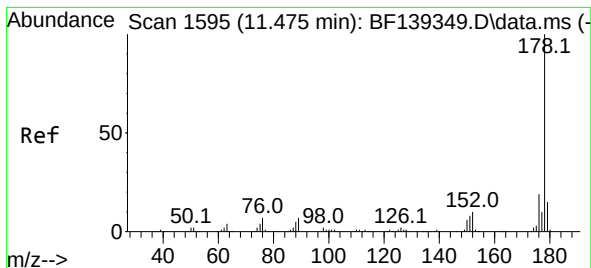
Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.2 12.2 18.4





#72

Anthracene

Concen: 48.382 ng

RT: 11.475 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

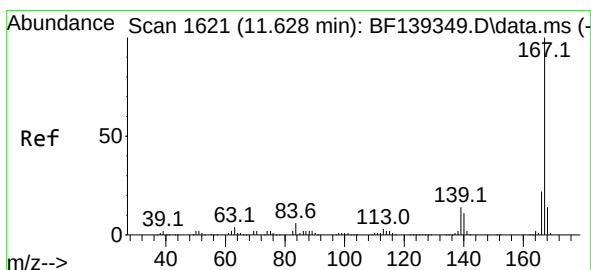
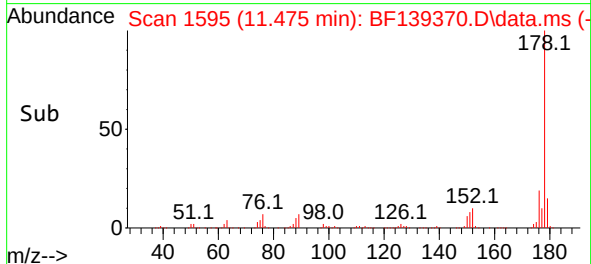
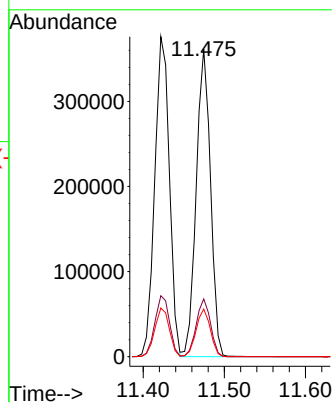
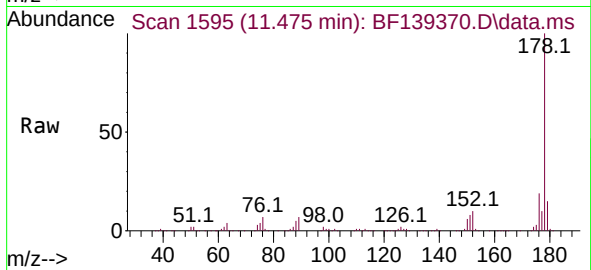
Tgt Ion:178 Resp: 442472

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.5 12.0 18.0



#73

Carbazole

Concen: 2.665 ng

RT: 11.622 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

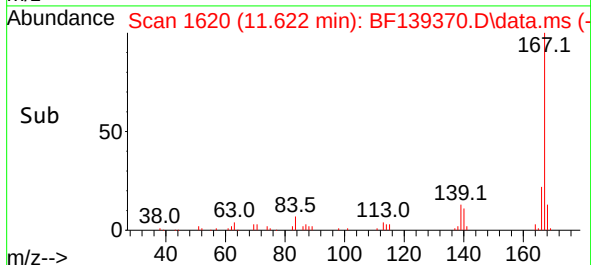
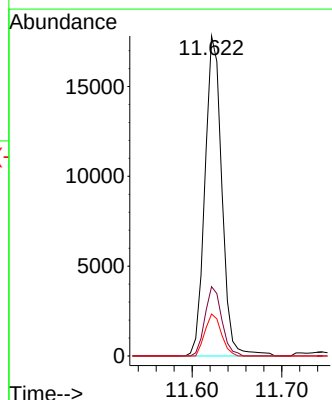
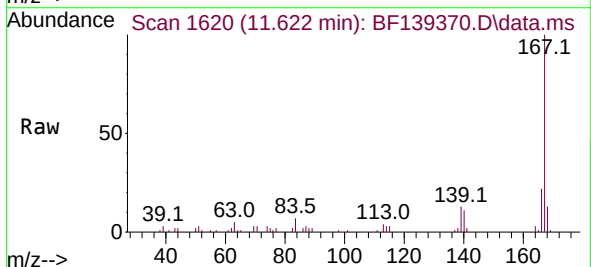
Tgt Ion:167 Resp: 23331

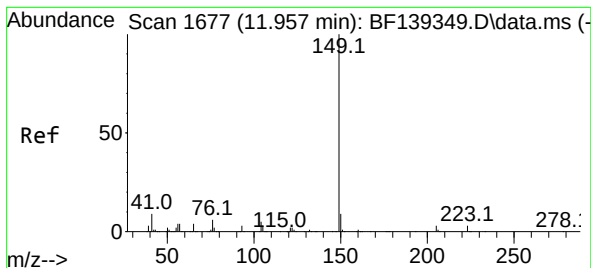
Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

139 13.1 10.9 16.3

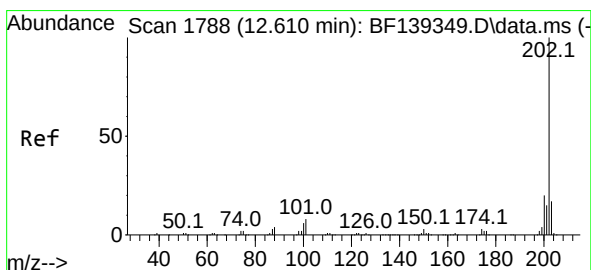
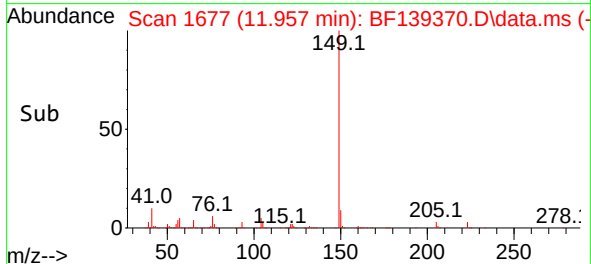
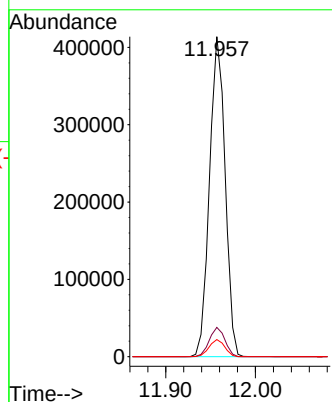
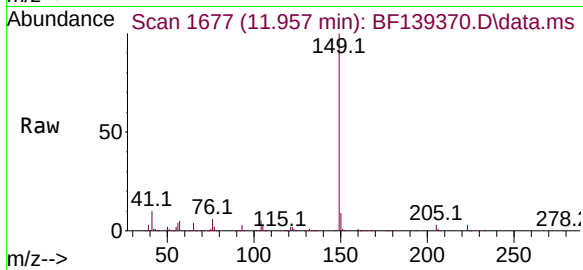




#74
Di-n-butylphthalate
Concen: 51.299 ng
RT: 11.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

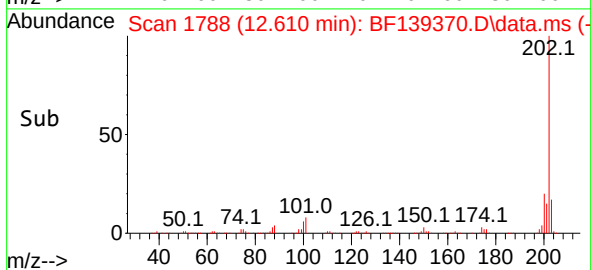
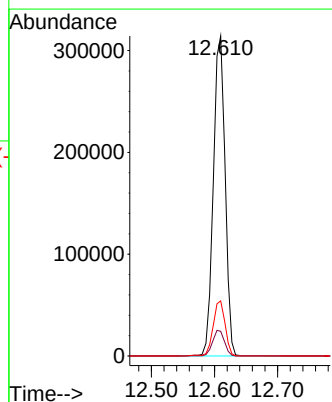
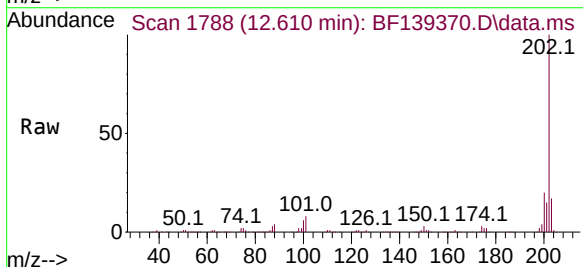
Instrument :
BNA_F
ClientSampleId :
FM1MS

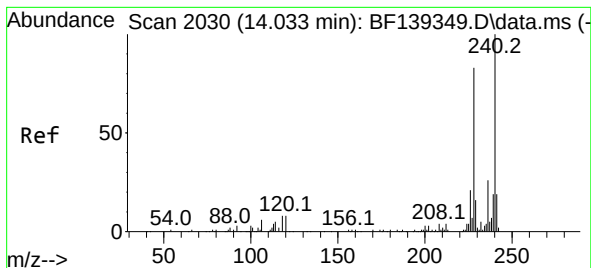
Tgt Ion:149 Resp: 500192
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.4 4.3 6.5



#75
Fluoranthene
Concen: 40.770 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139370.D
Acq: 14 Sep 2024 16:11

Tgt Ion:202 Resp: 407255
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.7
203 17.2 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

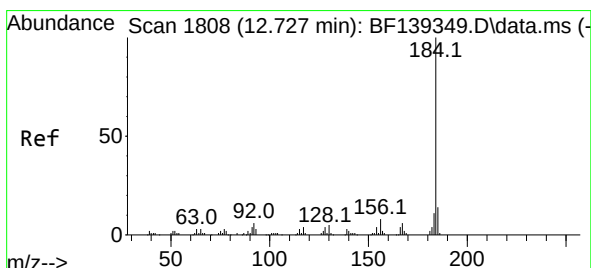
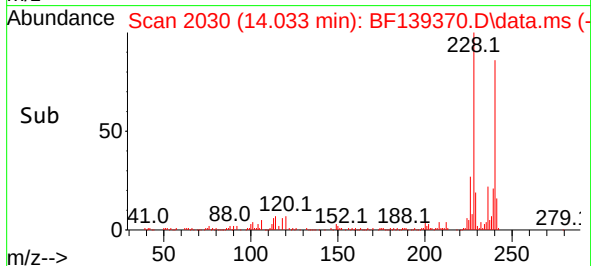
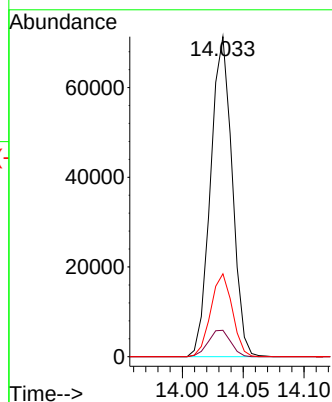
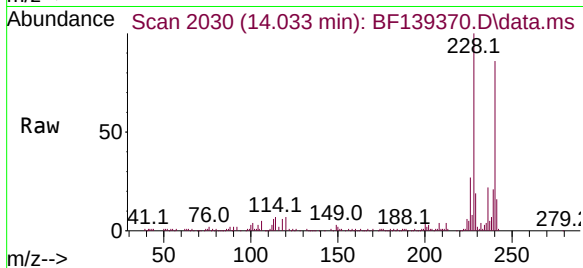
Tgt Ion:240 Resp: 87915

Ion Ratio Lower Upper

240 100

120 8.3 6.2 9.2

236 25.9 20.9 31.3



#77

Benzidine

Concen: 7.640 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

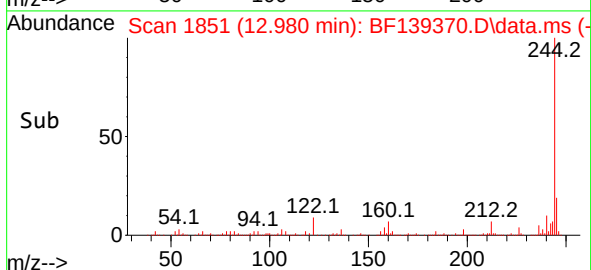
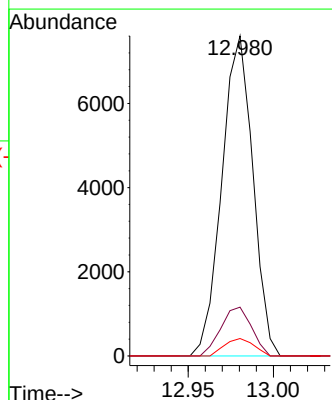
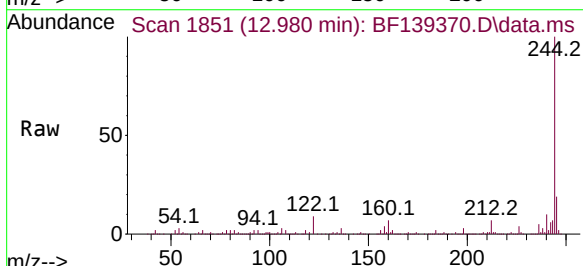
Tgt Ion:184 Resp: 9623

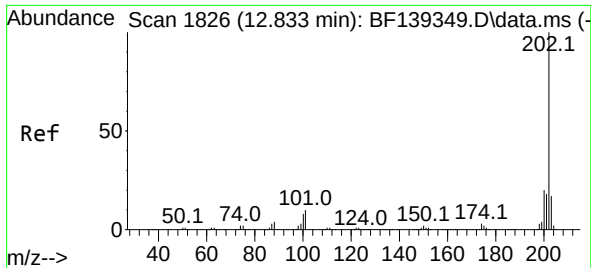
Ion Ratio Lower Upper

184 100

185 15.3 11.5 17.3

183 5.4 8.9 13.3#

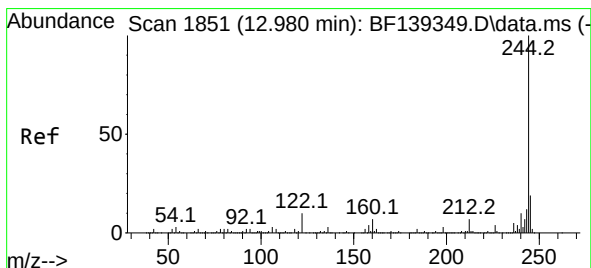
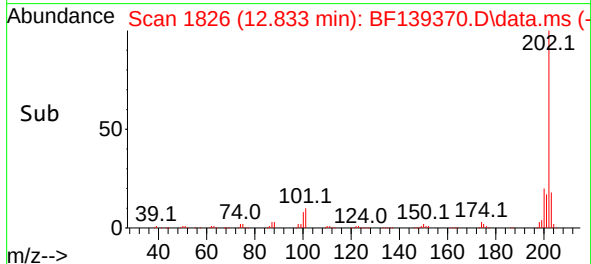
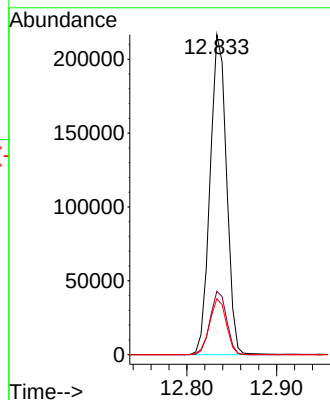
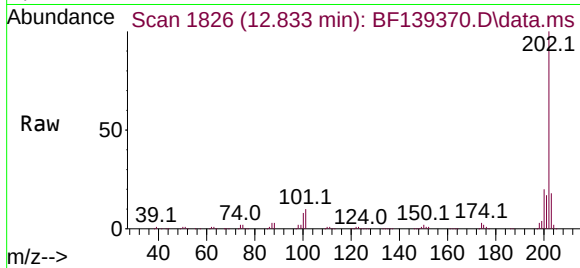




#78
 Pyrene
 Concen: 36.536 ng
 RT: 12.833 min Scan# 1826
 Delta R.T. -0.000 min
 Lab File: BF139370.D
 Acq: 14 Sep 2024 16:11

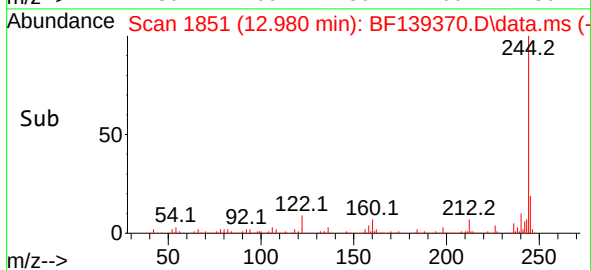
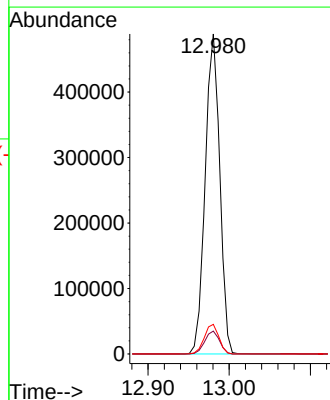
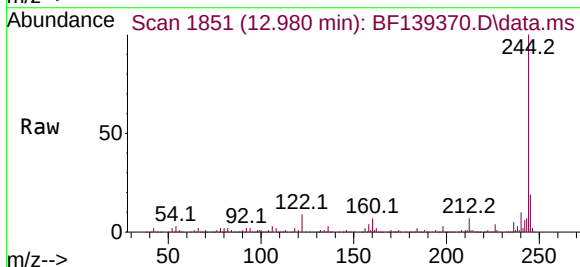
Instrument :
 BNA_F
 ClientSampleId :
 FM1MS

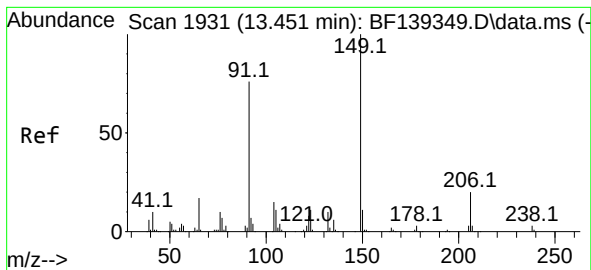
Tgt Ion:202 Resp: 275800
 Ion Ratio Lower Upper
 202 100
 200 19.8 16.2 24.2
 203 17.5 13.9 20.9



#79
 Terphenyl-d14
 Concen: 113.362 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139370.D
 Acq: 14 Sep 2024 16:11

Tgt Ion:244 Resp: 607180
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.3 7.6 11.4





#80

Butylbenzylphthalate

Concen: 36.548 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FMIMS

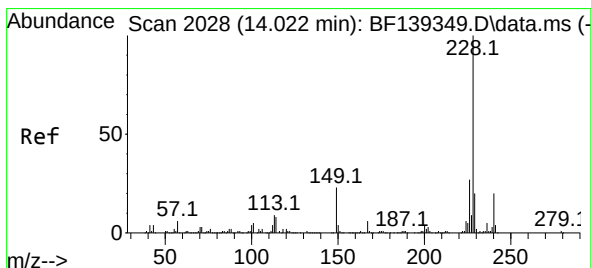
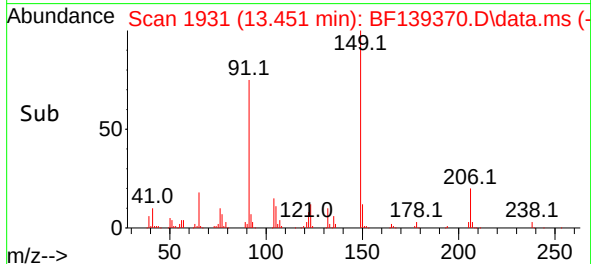
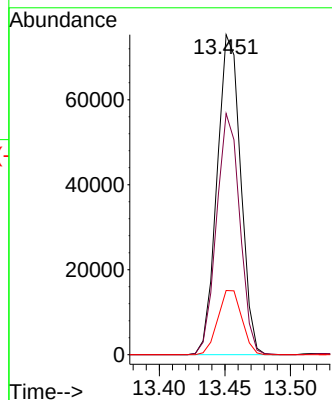
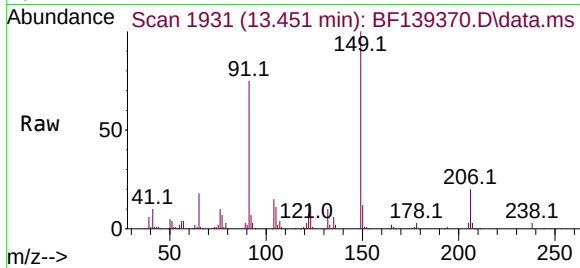
Tgt Ion:149 Resp: 93907

Ion Ratio Lower Upper

149 100

91 75.3 60.9 91.3

206 20.1 15.8 23.8



#81

Benzo(a)anthracene

Concen: 49.356 ng

RT: 14.022 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

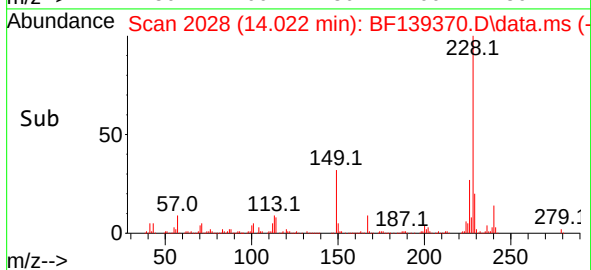
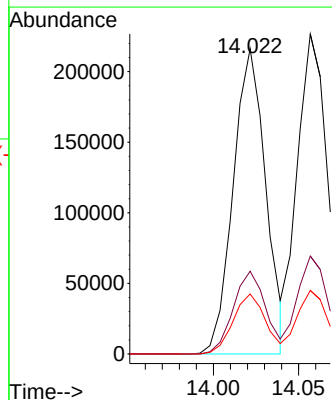
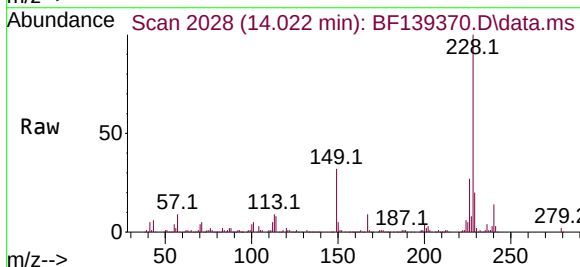
Tgt Ion:228 Resp: 287422

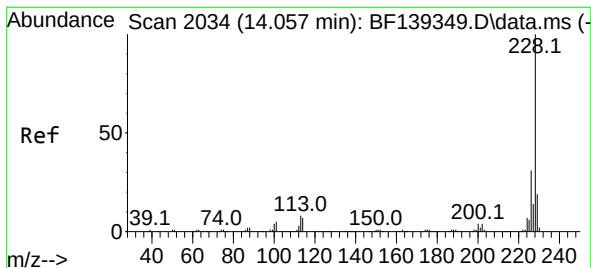
Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.6 15.7 23.5





#83

Chrysene

Concen: 52.008 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

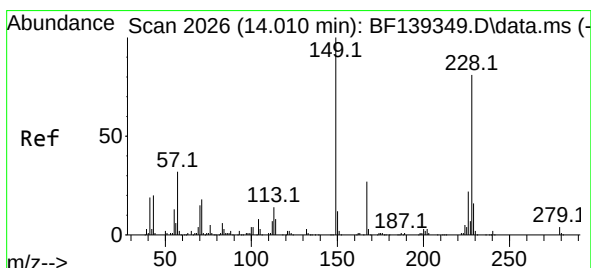
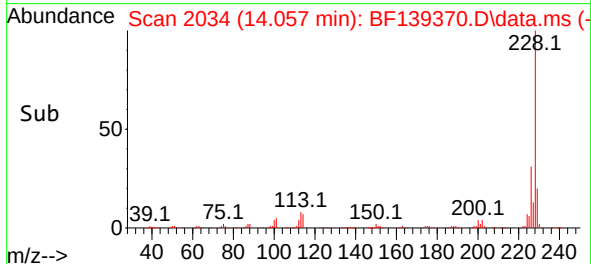
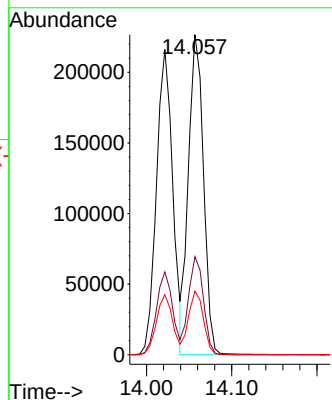
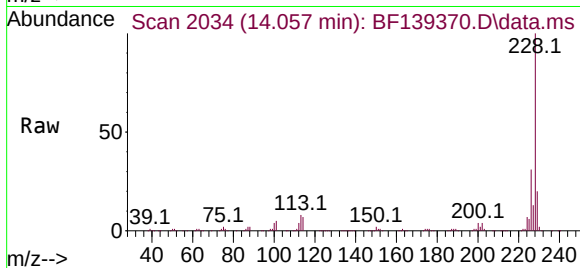
Tgt Ion:228 Resp: 278637

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

229 19.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.333 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

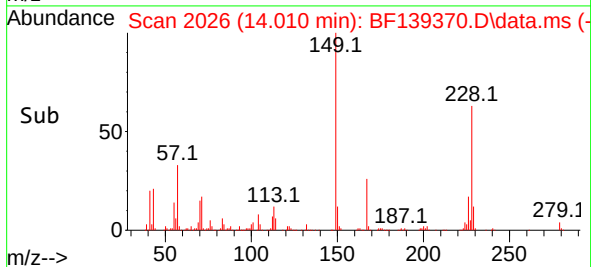
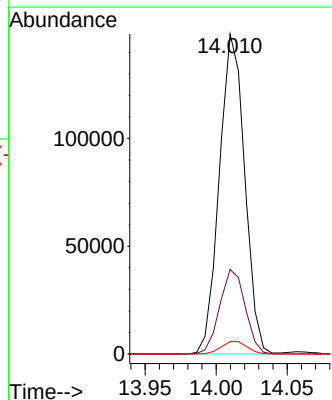
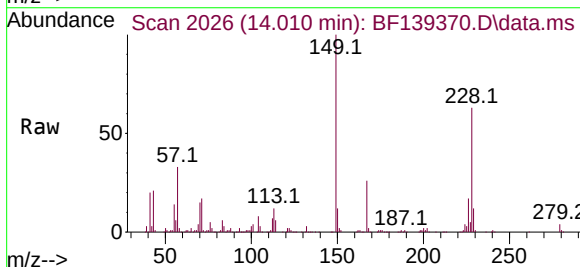
Tgt Ion:149 Resp: 184133

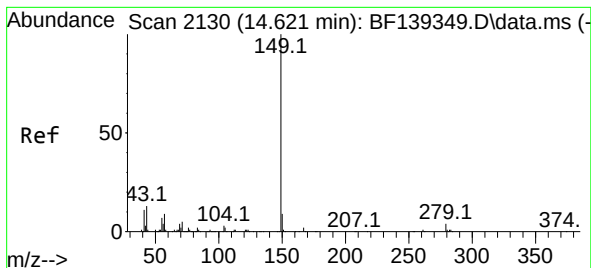
Ion Ratio Lower Upper

149 100

167 26.4 21.6 32.4

279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 63.673 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

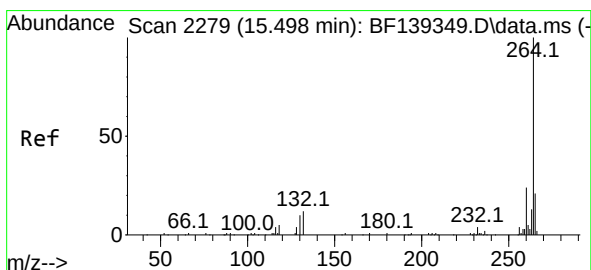
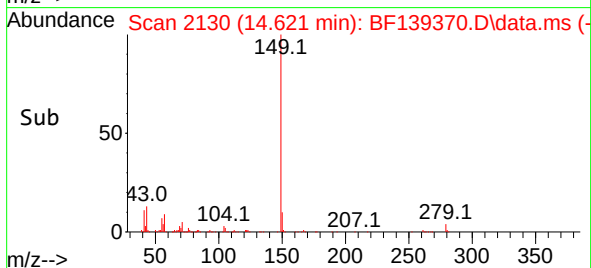
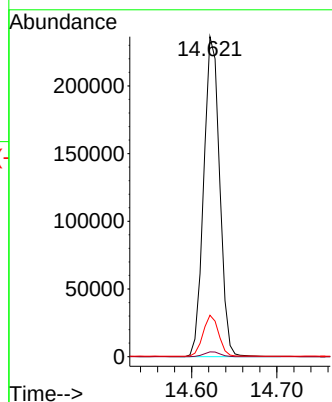
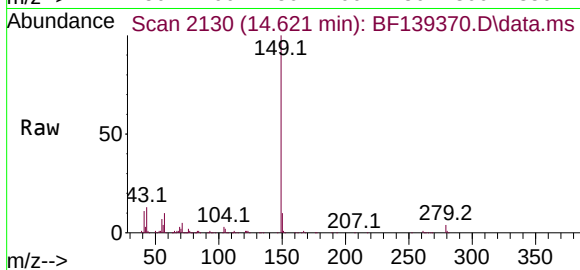
Tgt Ion:149 Resp: 306505

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.6 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: BF139370.D

Acq: 14 Sep 2024 16:11

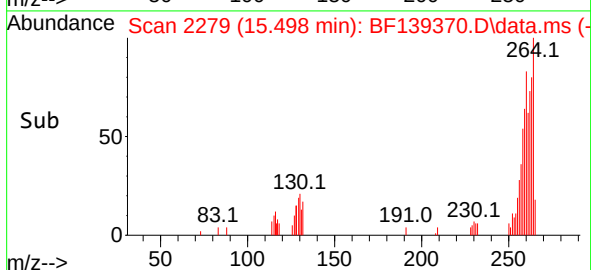
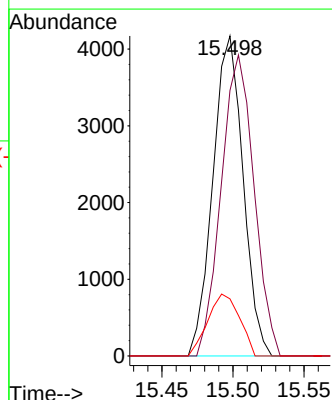
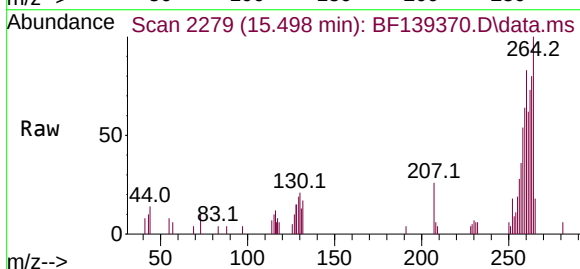
Tgt Ion:264 Resp: 6169

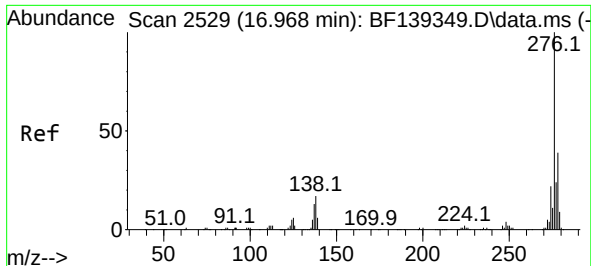
Ion Ratio Lower Upper

264 100

260 82.9 19.5 29.3#

265 17.9 16.6 25.0

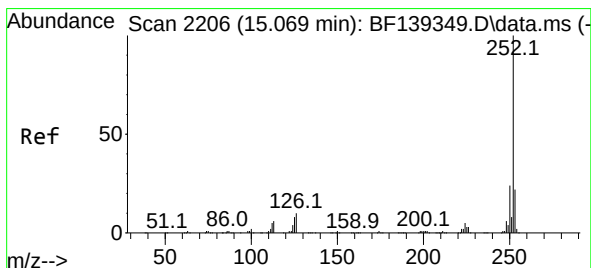
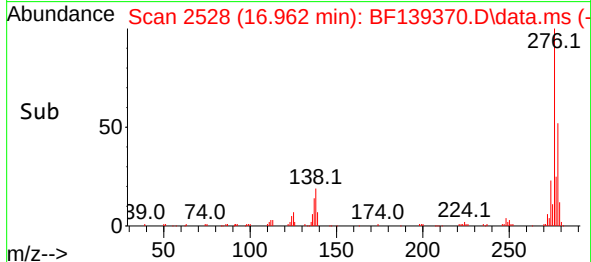
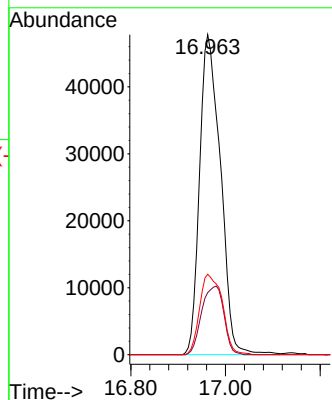
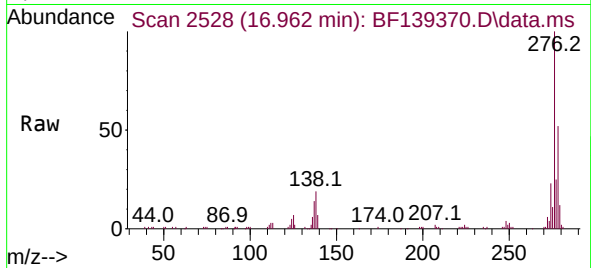




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 398.736 ng
 RT: 16.962 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139370.D
 Acq: 14 Sep 2024 16:11

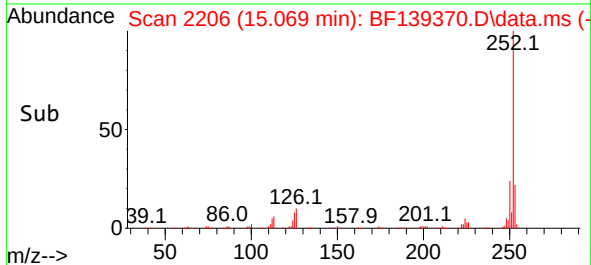
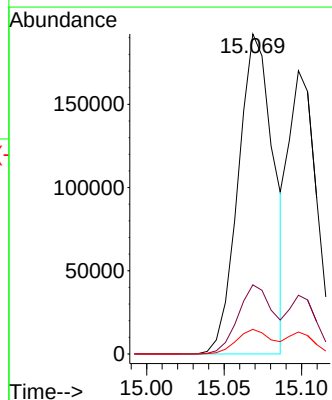
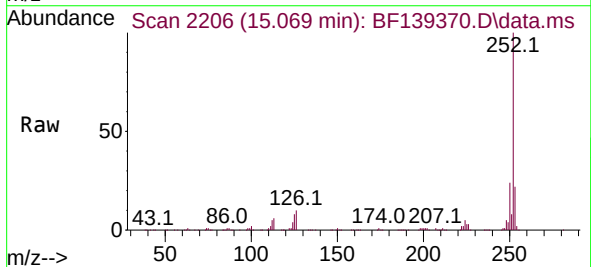
Instrument :
 BNA_F
 ClientSampleId :
 FM1MS

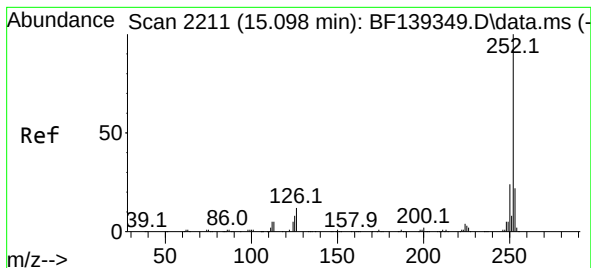
Tgt Ion:276 Resp: 146267
 Ion Ratio Lower Upper
 276 100
 138 22.7 15.4 23.2
 277 27.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 798.293 ng
 RT: 15.069 min Scan# 2206
 Delta R.T. -0.000 min
 Lab File: BF139370.D
 Acq: 14 Sep 2024 16:11

Tgt Ion:252 Resp: 303722
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.6 26.4
 125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 605.784 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

Instrument :

BNA_F

ClientSampleId :

FM1MS

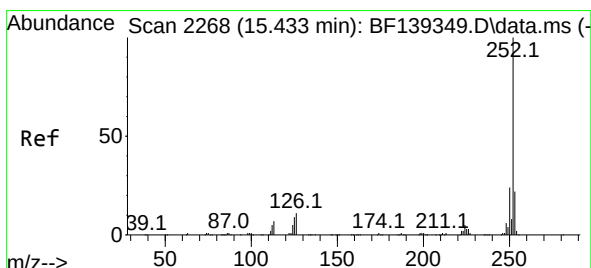
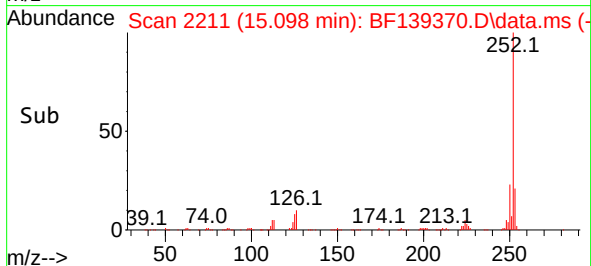
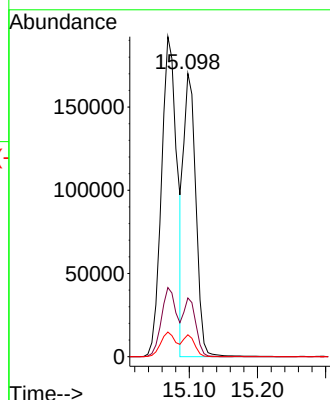
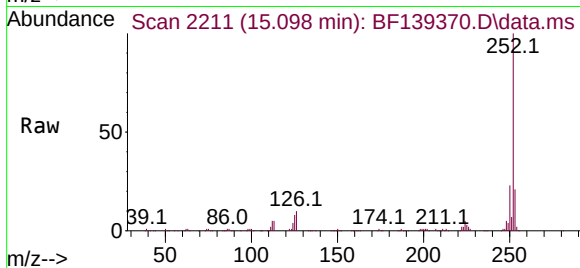
Tgt Ion:252 Resp: 212508

Ion Ratio Lower Upper

252 100

253 20.7 17.3 25.9

125 7.8 5.9 8.9



#90

Benzo(a)pyrene

Concen: 365.282 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.000 min

Lab File: BF139370.D

Acq: 14 Sep 2024 16:11

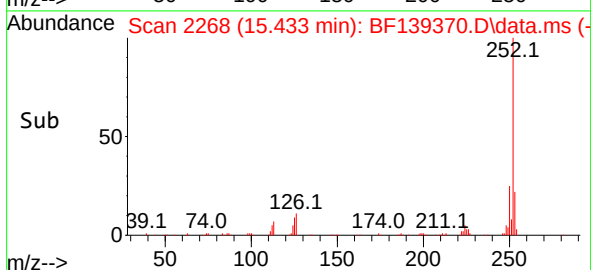
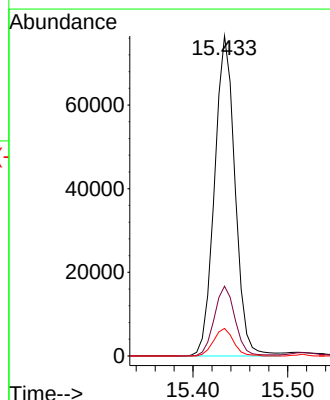
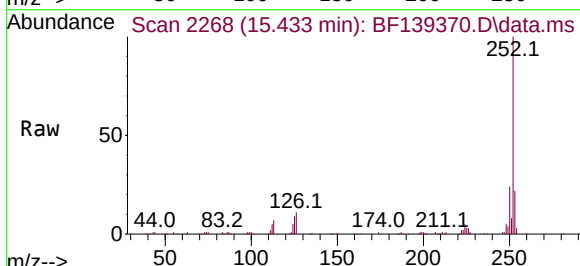
Tgt Ion:252 Resp: 115260

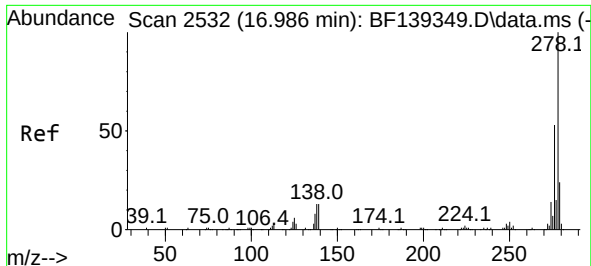
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 8.6 6.8 10.2

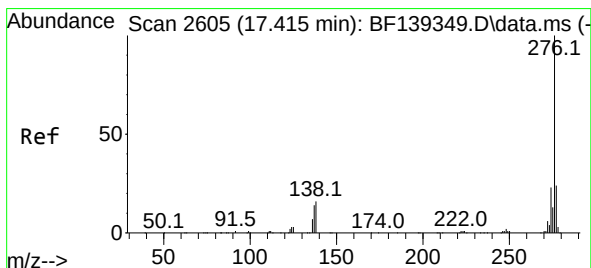
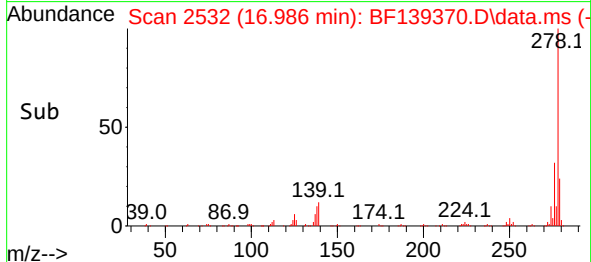
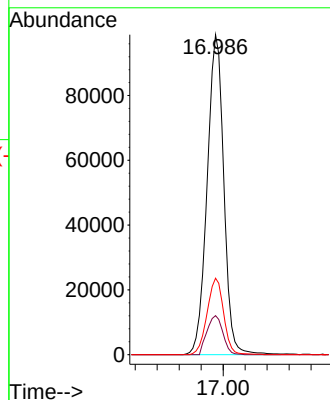
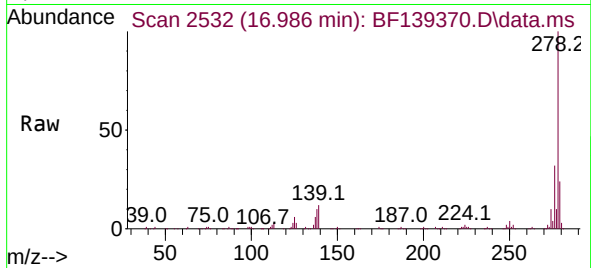




#91
 Dibenzo(a,h)anthracene
 Concen: 687.165 ng
 RT: 16.986 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139370.D
 Acq: 14 Sep 2024 16:11

Instrument :
 BNA_F
 ClientSampleId :
 FM1MS

Tgt Ion:278 Resp: 208292
 Ion Ratio Lower Upper
 278 100
 139 12.2 10.2 15.2
 279 23.9 18.9 28.3



#92
 Benzo(g,h,i)perylene
 Concen: 291.374 ng
 RT: 17.404 min Scan# 2603
 Delta R.T. -0.012 min
 Lab File: BF139370.D
 Acq: 14 Sep 2024 16:11

Tgt Ion:276 Resp: 87449
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.9 28.3
 138 16.2 13.0 19.6

