

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139408.D
 Acq On : 17 Sep 2024 18:04
 Operator : RC/JU
 Sample : P4002-03MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Quant Time: Sep 18 00:46:37 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	60197	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	215551	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	100249	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	143841	20.000	ng	0.00
76) Chrysene-d12	14.033	240	92962	20.000	ng	0.00
86) Perylene-d12	15.504	264	65242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	435024	117.892	ng	0.01
7) Phenol-d6	6.510	99	567473	117.164	ng	0.00
23) Nitrobenzene-d5	7.445	82	389561	84.963	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	105645	98.986	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	622406	87.077	ng	0.00
79) Terphenyl-d14	12.980	244	448624	79.212	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	60426	40.816	ng	99
3) Pyridine	3.487	79	152640	46.764	ng	98
4) n-Nitrosodimethylamine	3.446	42	128329	45.360	ng	95
6) Aniline	6.540	93	87684	23.989	ng	# 42
8) 2-Chlorophenol	6.663	128	182858	48.141	ng	100
9) Benzaldehyde	6.428	77	40529	14.483	ng	98
10) Phenol	6.528	94	228806	46.383	ng	96
11) bis(2-Chloroethyl)ether	6.616	93	181198	48.329	ng	99
12) 1,3-Dichlorobenzene	6.822	146	199209	46.115	ng	99
13) 1,4-Dichlorobenzene	6.898	146	199044	45.596	ng	100
14) 1,2-Dichlorobenzene	7.051	146	191209	46.355	ng	98
15) Benzyl Alcohol	7.022	79	185534	48.014	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	313971	54.338	ng	95
17) 2-Methylphenol	7.134	107	146329	48.487	ng	99
18) Hexachloroethane	7.393	117	75326	45.303	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	147130	51.262	ng	100
20) 3+4-Methylphenols	7.287	107	190226	46.201	ng	# 85
22) Acetophenone	7.287	105	268113	47.579	ng	98
24) Nitrobenzene	7.463	77	216918	45.967	ng	98
25) Isophorone	7.698	82	367372	50.663	ng	98
26) 2-Nitrophenol	7.775	139	93493	50.853	ng	98
27) 2,4-Dimethylphenol	7.816	122	145547	60.016	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	213961	51.772	ng	97
29) 2,4-Dichlorophenol	8.022	162	145481	47.221	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	160928	44.830	ng	98
31) Naphthalene	8.187	128	531635	47.244	ng	100
32) Benzoic acid	7.928	122	93543	41.217	ng	96
33) 4-Chloroaniline	8.234	127	28037	8.144	ng	98
34) Hexachlorobutadiene	8.298	225	113147	46.394	ng	98
35) Caprolactam	8.598	113	41563	43.856	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	154152	43.781	ng	97
37) 2-Methylnaphthalene	8.875	142	328542	45.997	ng	99
38) 1-Methylnaphthalene	8.975	142	300052	42.789	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	155821	52.446	ng	99
41) Hexachlorocyclopentadiene	9.022	237	73830	71.170	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	100204	51.840	ng	100

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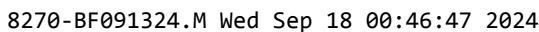
Instrument :
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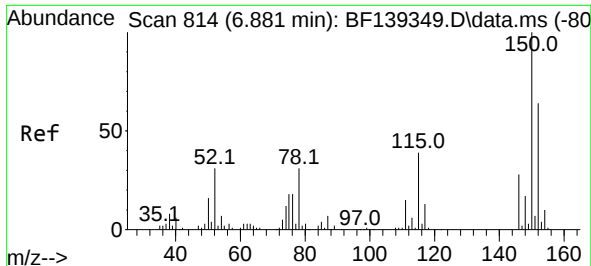
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 QLast Update : Sat Sep 14 02:58:23 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	96796	47.473	ng	99
46) 1,1'-Biphenyl	9.339	154	396412	51.399	ng	100
47) 2-Chloronaphthalene	9.363	162	281479	48.812	ng	99
48) 2-Nitroaniline	9.457	65	101170	47.169	ng	98
49) Acenaphthylene	9.775	152	434199	50.021	ng	100
50) Dimethylphthalate	9.634	163	342964	52.124	ng	100
51) 2,6-Dinitrotoluene	9.698	165	66908	45.902	ng	98
52) Acenaphthene	9.951	154	288079	47.551	ng	100
53) 3-Nitroaniline	9.863	138	36505	25.060	ng	95
54) 2,4-Dinitrophenol	9.969	184	38598	47.522	ng	97
55) Dibenzofuran	10.122	168	393053	46.548	ng	97
56) 4-Nitrophenol	10.028	139	94331	78.259	ng	91
57) 2,4-Dinitrotoluene	10.098	165	85032	43.209	ng	99
58) Fluorene	10.463	166	290831	42.213	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	72776	43.148	ng	98
60) Diethylphthalate	10.333	149	324176	47.743	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	149180	44.554	ng	98
62) 4-Nitroaniline	10.475	138	51920	32.657	ng	99
63) Azobenzene	10.616	77	317300	47.511	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	24977	32.900	ng	97
66) n-Nitrosodiphenylamine	10.569	169	244279	58.087	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	77044	54.050	ng	99
68) Hexachlorobenzene	11.004	284	83349	49.822	ng	98
69) Atrazine	11.098	200	73003	72.917	ng	98
70) Pentachlorophenol	11.204	266	97753	97.381	ng	99
71) Phenanthrene	11.422	178	388238	55.944	ng	99
72) Anthracene	11.475	178	363745	53.609	ng	100
73) Carbazole	11.628	167	326541	50.283	ng	100
74) Di-n-butylphthalate	11.957	149	396886	54.863	ng	100
75) Fluoranthene	12.610	202	454875	61.378	ng	100
77) Benzidine	12.727	184	97506	73.210	ng	99
78) Pyrene	12.839	202	463693	58.092	ng	100
80) Butylbenzylphthalate	13.457	149	163632	60.227	ng	98
81) Benzo(a)anthracene	14.021	228	363067	58.961	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	58495	32.438	ng	99
83) Chrysene	14.063	228	305208	53.874	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	213127	61.664	ng	98
85) Di-n-octyl phthalate	14.621	149	309152	60.736	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	198653	51.206	ng	100
88) Benzo(b)fluoranthene	15.074	252	235023	58.410	ng	100
89) Benzo(k)fluoranthene	15.104	252	206320	55.612	ng	100
90) Benzo(a)pyrene	15.439	252	194622	58.321	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	151667	47.312	ng	99
92) Benzo(g,h,i)perylene	17.421	276	155724	49.061	ng	98

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

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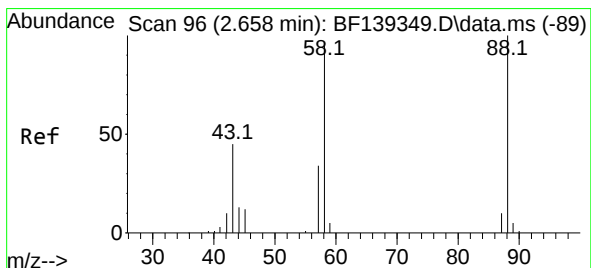
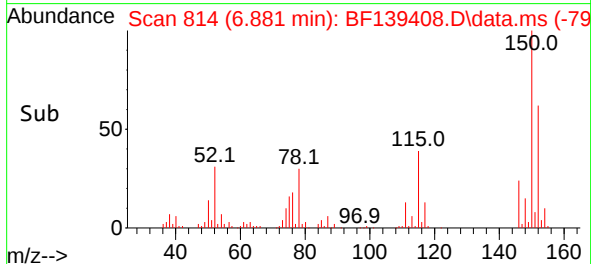
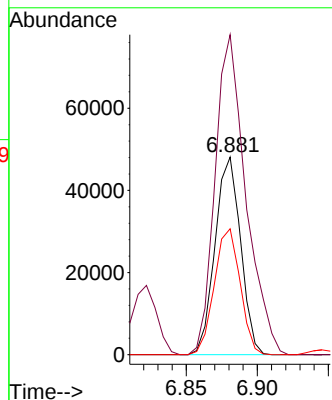
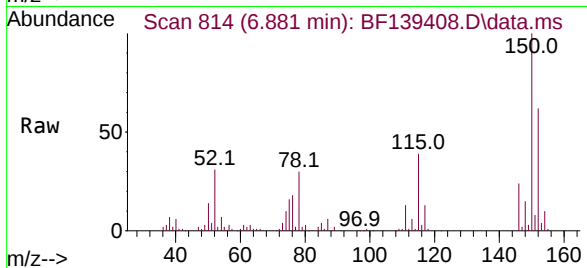




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139408.D
 Acq: 17 Sep 2024 18:04

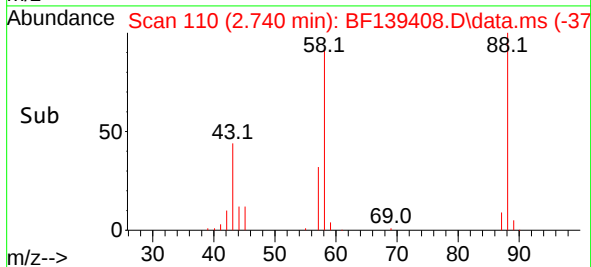
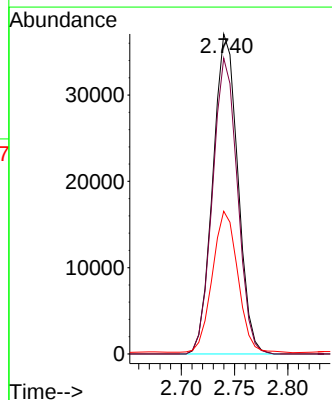
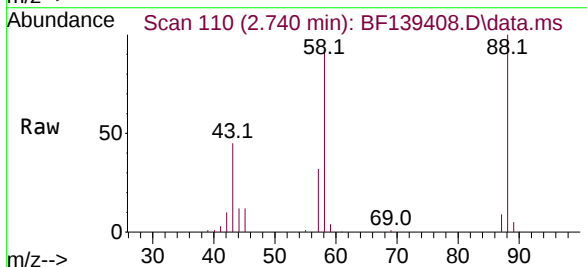
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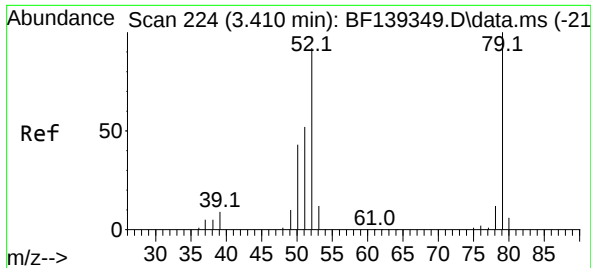
Tgt Ion:152 Resp: 60197
 Ion Ratio Lower Upper
 152 100
 150 161.9 124.1 186.1
 115 63.7 48.1 72.1



#2
 1,4-Dioxane
 Concen: 40.816 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.082 min
 Lab File: BF139408.D
 Acq: 17 Sep 2024 18:04

Tgt Ion: 88 Resp: 60426
 Ion Ratio Lower Upper
 88 100
 58 92.2 74.8 112.2
 43 45.1 36.4 54.6





#3

Pyridine

Concen: 46.764 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

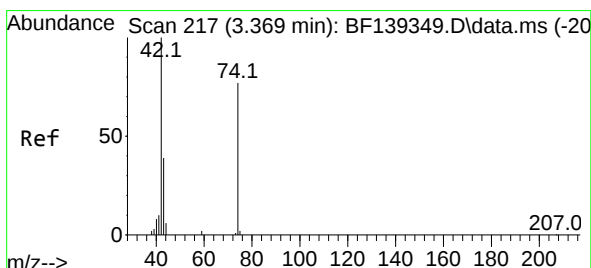
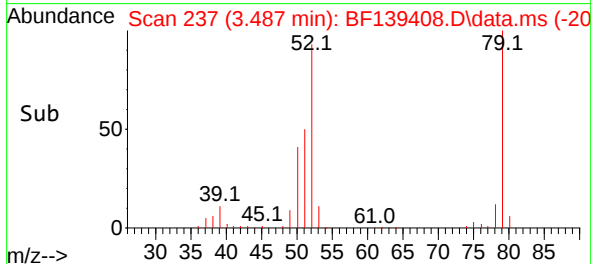
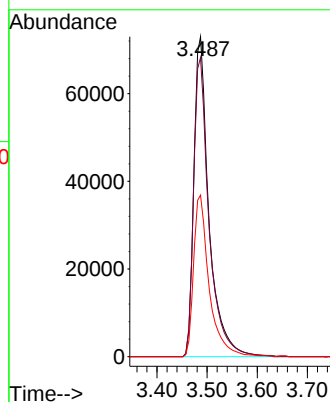
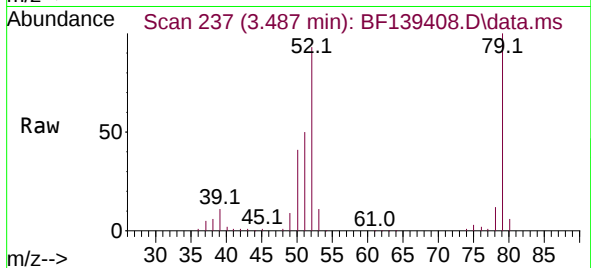
Tgt Ion: 79 Resp: 152640

Ion Ratio Lower Upper

79 100

52 93.5 73.8 110.8

51 50.5 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 45.360 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.076 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

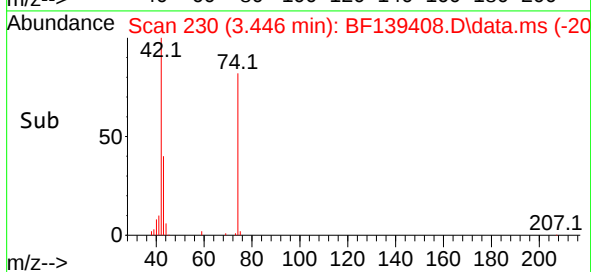
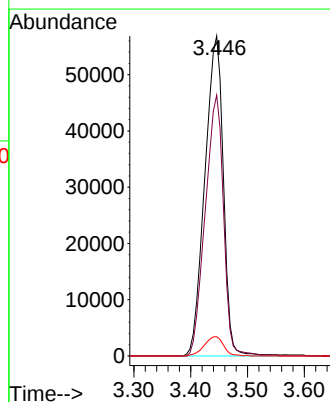
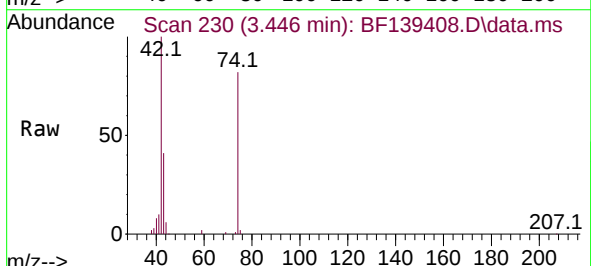
Tgt Ion: 42 Resp: 128329

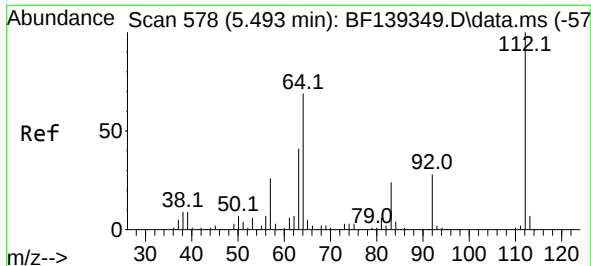
Ion Ratio Lower Upper

42 100

74 81.5 61.8 92.8

44 6.0 4.8 7.2

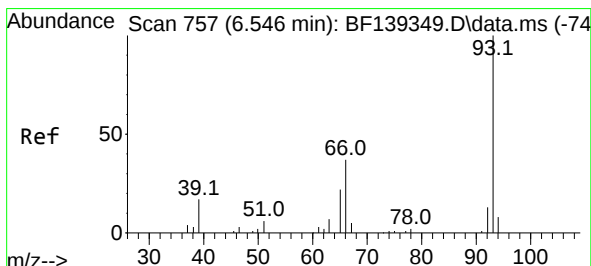
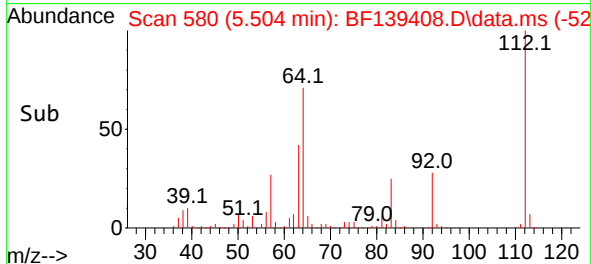
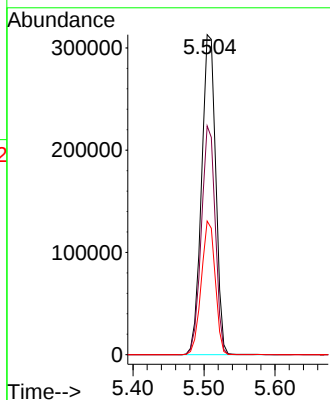
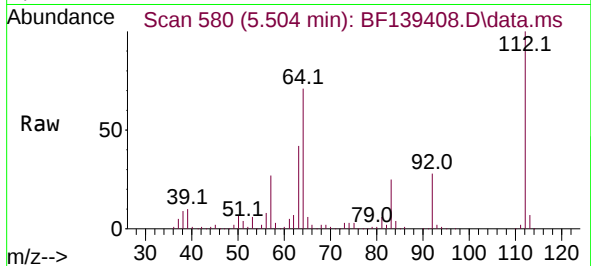




#5
2-Fluorophenol
Concen: 117.892 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

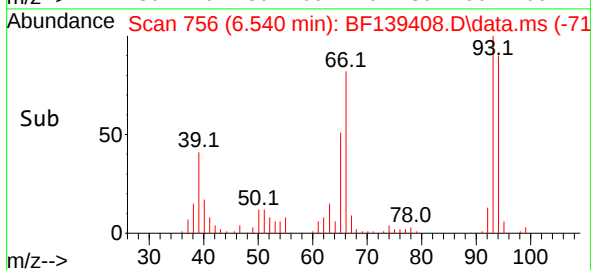
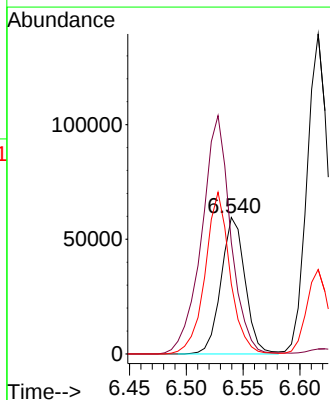
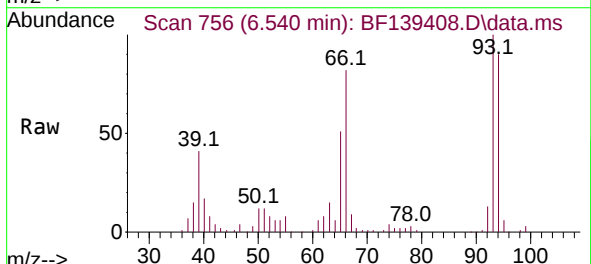
Instrument :
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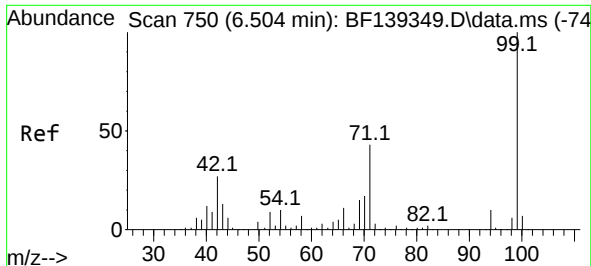
Tgt Ion:112 Resp: 435024
Ion Ratio Lower Upper
112 100
64 71.5 54.8 82.2
63 41.8 33.0 49.4



#6
Aniline
Concen: 23.989 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion: 93 Resp: 87684
Ion Ratio Lower Upper
93 100
66 81.7 35.4 53.0#
65 51.2 18.2 27.4#

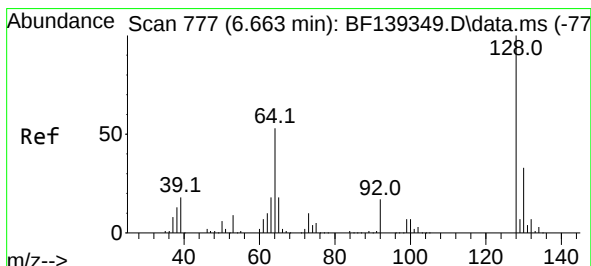
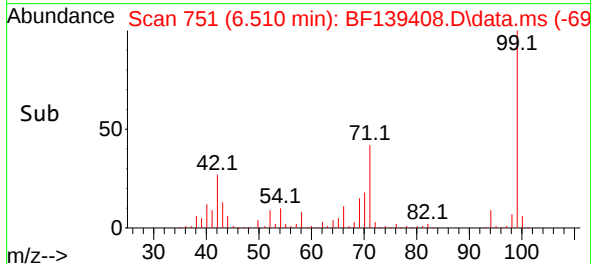
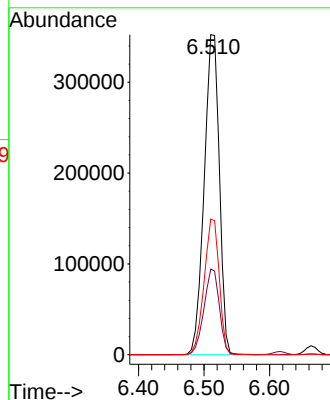
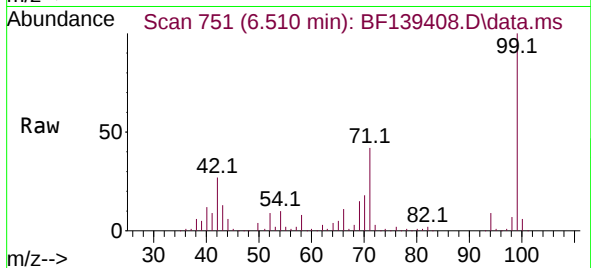




#7
Phenol-d6
Concen: 117.164 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

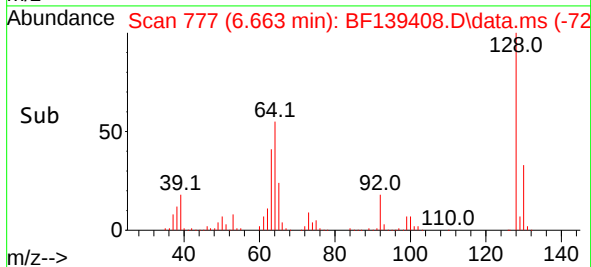
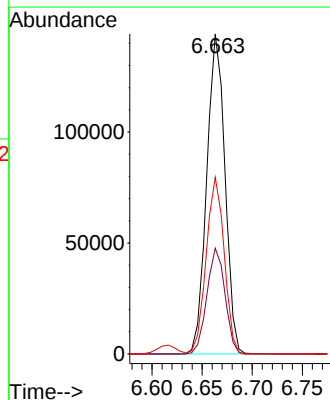
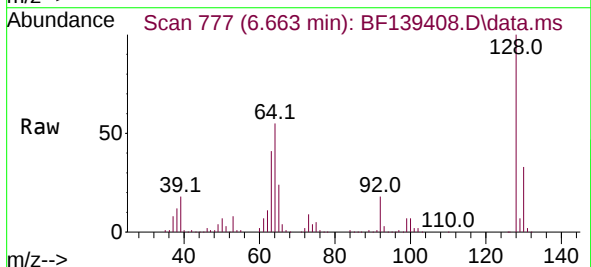
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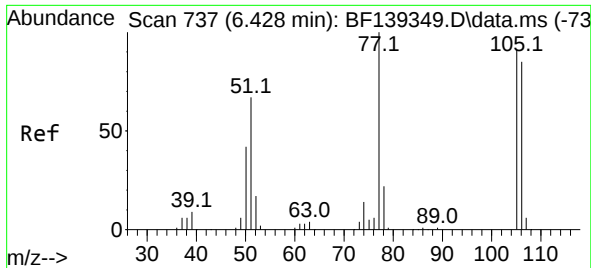
Tgt Ion: 99 Resp: 567473
Ion Ratio Lower Upper
99 100
42 26.8 21.9 32.9
71 42.4 34.6 52.0



#8
2-Chlorophenol
Concen: 48.141 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion: 128 Resp: 182858
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 55.2 35.1 75.1





#9

Benzaldehyde

Concen: 14.483 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

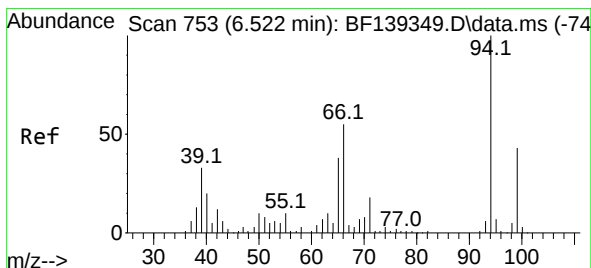
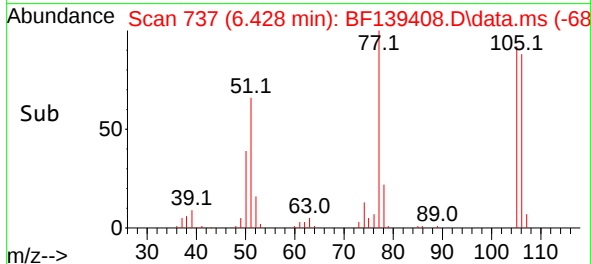
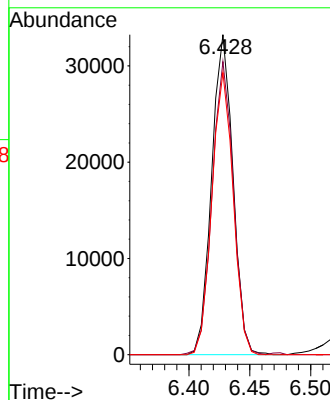
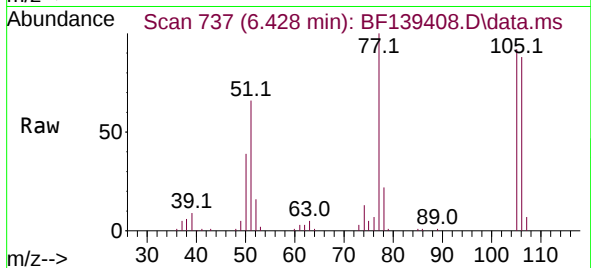
Tgt Ion: 77 Resp: 40529

Ion Ratio Lower Upper

77 100

105 91.6 71.0 111.0

106 88.1 64.9 104.9



#10

Phenol

Concen: 46.383 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

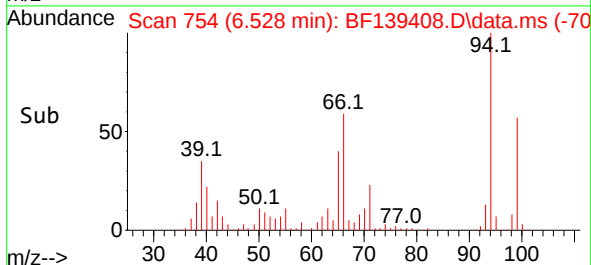
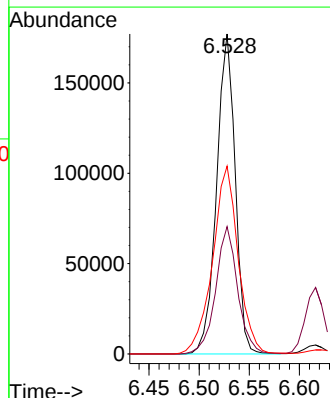
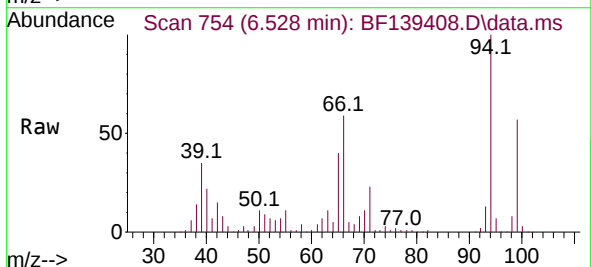
Tgt Ion: 94 Resp: 228806

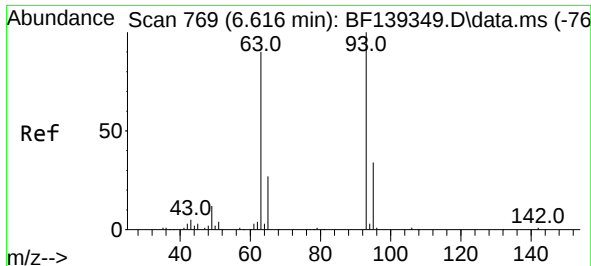
Ion Ratio Lower Upper

94 100

65 39.8 17.6 57.6

66 58.7 35.2 75.2

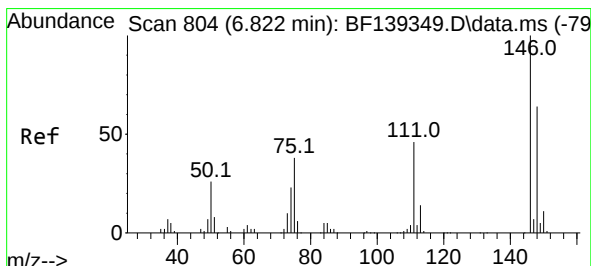
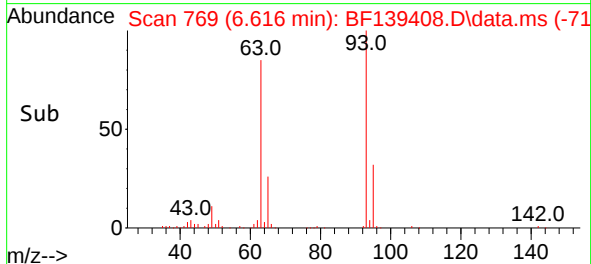
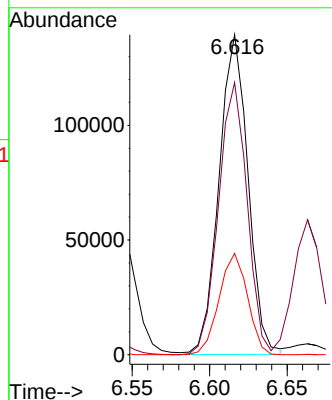
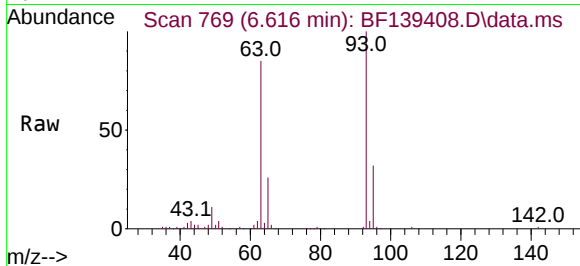




#11
bis(2-Chloroethyl)ether
Concen: 48.329 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

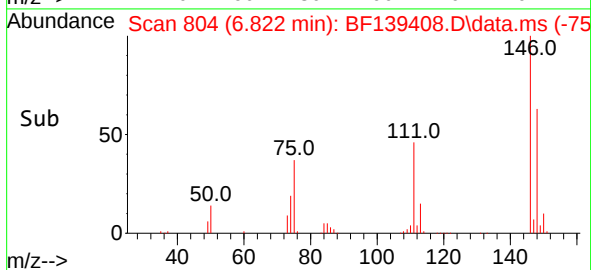
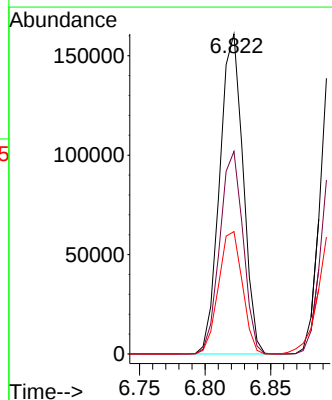
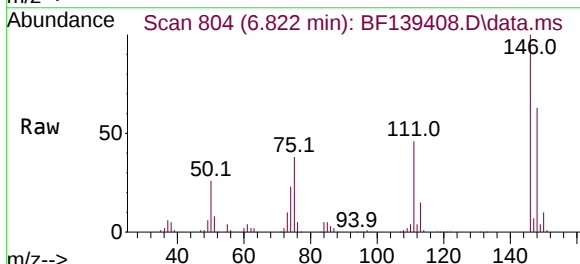
Instrument :
BNA_F
ClientSampleId :
TP-2MS

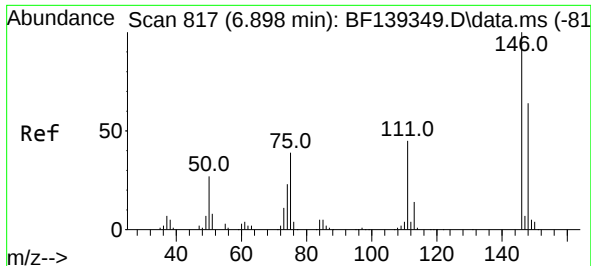
Tgt Ion: 93 Resp: 181198
Ion Ratio Lower Upper
93 100
63 85.1 65.3 105.3
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 46.115 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion: 146 Resp: 199209
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
75 38.2 30.6 46.0

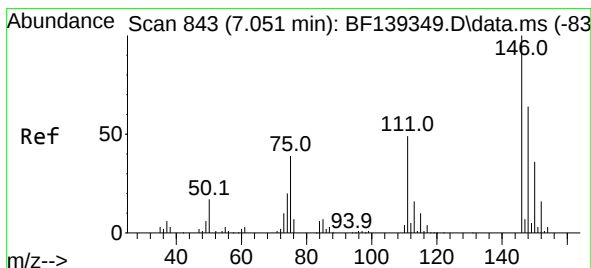
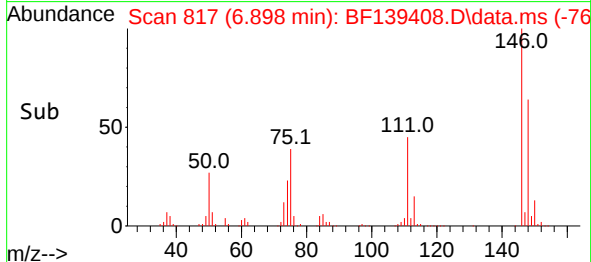
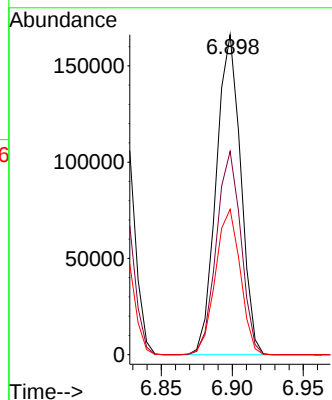
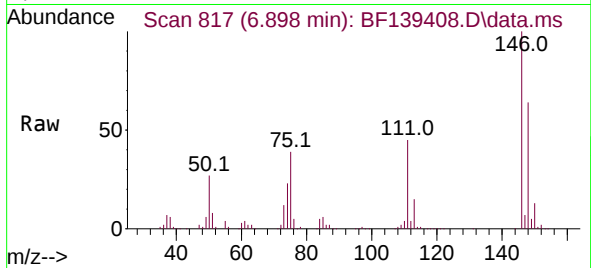




#13
1,4-Dichlorobenzene
Concen: 45.596 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

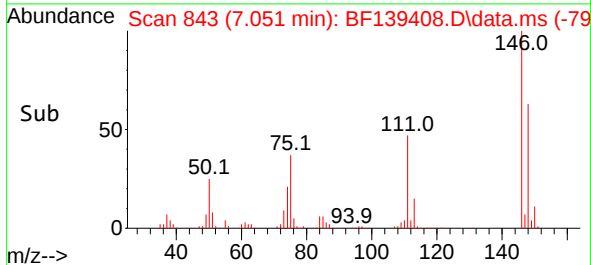
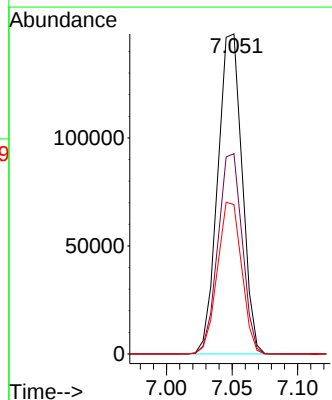
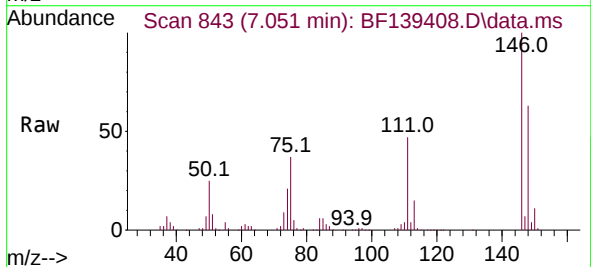
Instrument :
BNA_F
ClientSampleId :
TP-2MS

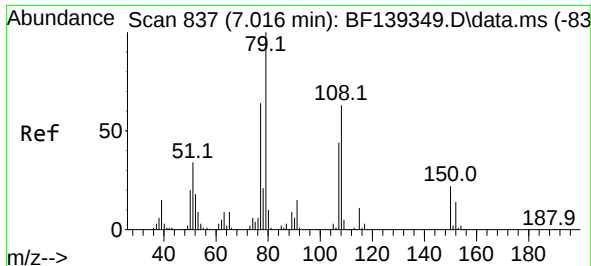
Tgt Ion:146 Resp: 199044
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
111 45.5 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 46.355 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:146 Resp: 191209
Ion Ratio Lower Upper
146 100
148 62.6 50.9 76.3
111 46.7 38.9 58.3

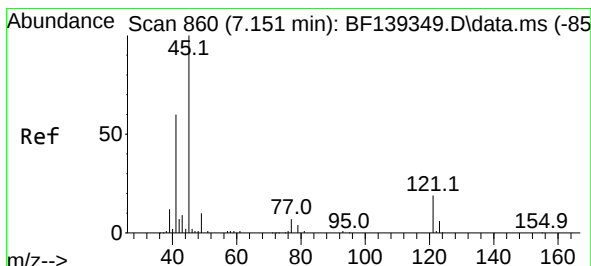
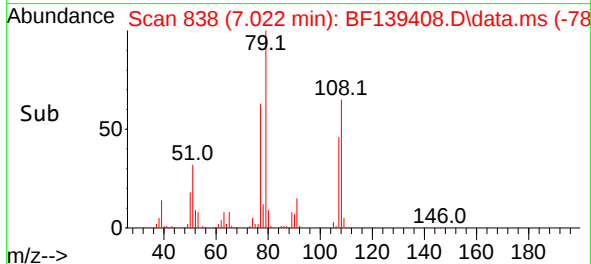
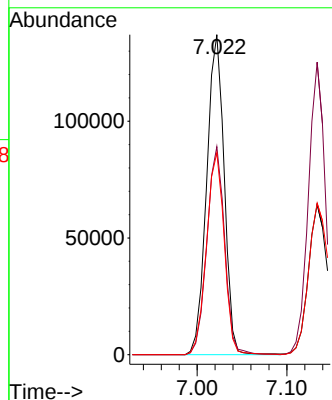
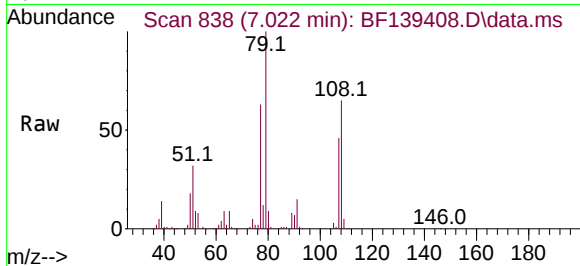




#15
Benzyl Alcohol
Concen: 48.014 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

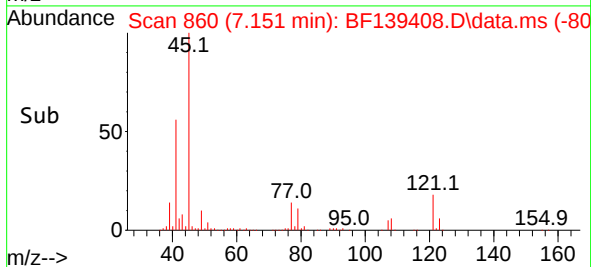
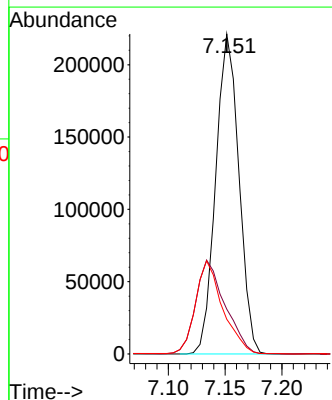
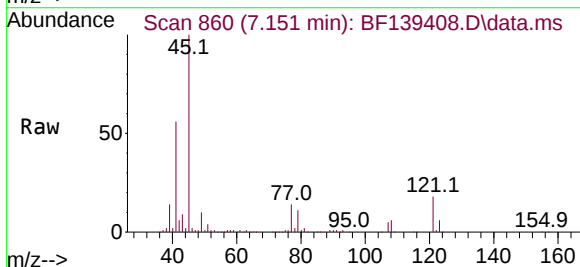
Instrument :
BNA_F
ClientSampleId :
TP-2MS

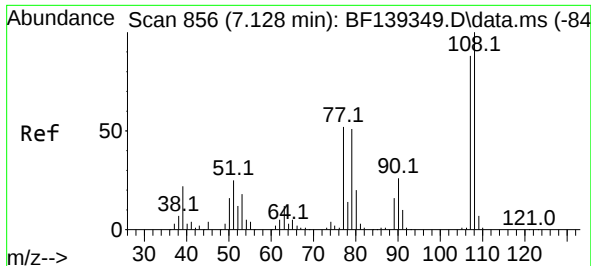
Tgt Ion: 79 Resp: 185534
Ion Ratio Lower Upper
79 100
108 65.0 50.4 75.6
77 63.1 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.338 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion: 45 Resp: 313971
Ion Ratio Lower Upper
45 100
77 14.0 0.0 32.0
79 10.9 0.0 29.1

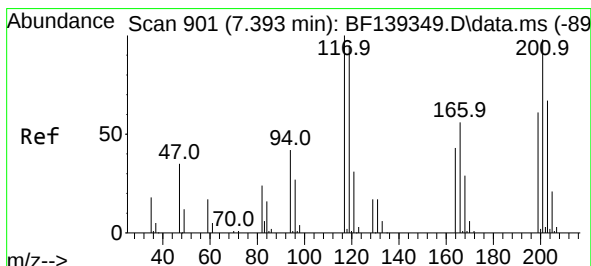
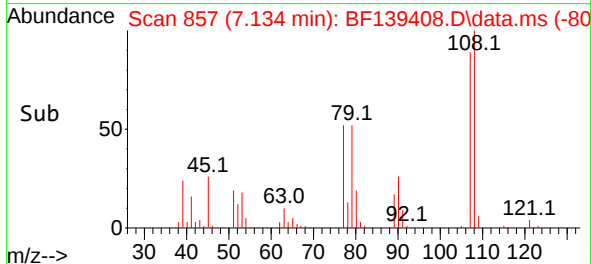
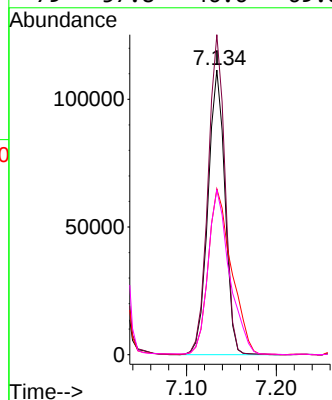
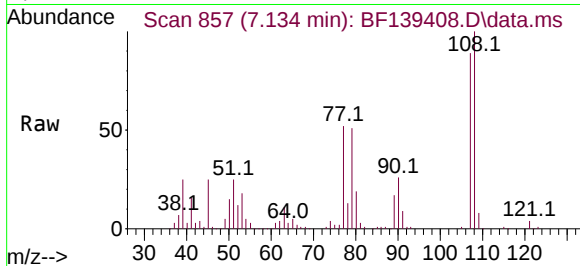




#17
2-Methylphenol
Concen: 48.487 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

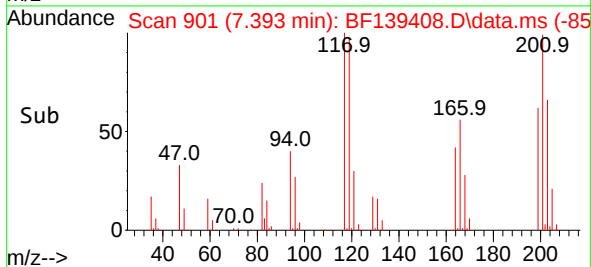
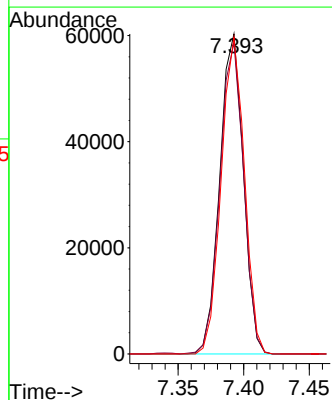
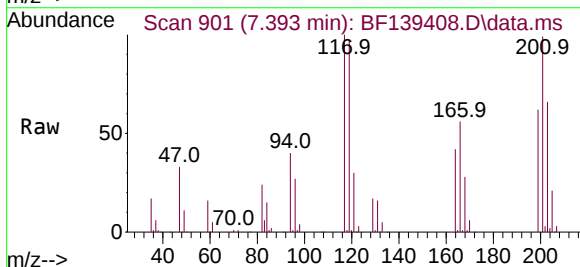
Instrument :
BNA_F
ClientSampleId :
TP-2MS

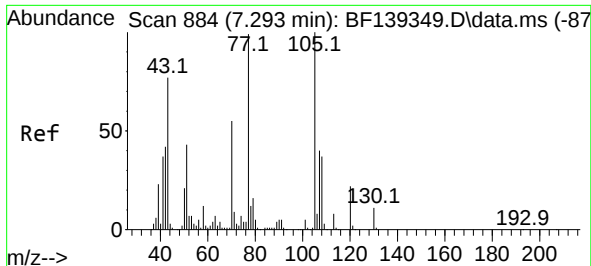
Tgt Ion:	107	Resp:	146329
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.5	135.7
77	58.3	47.1	70.7
79	57.8	46.6	69.8



#18
Hexachloroethane
Concen: 45.303 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:	117	Resp:	75326
Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8
201	99.0	78.6	118.0



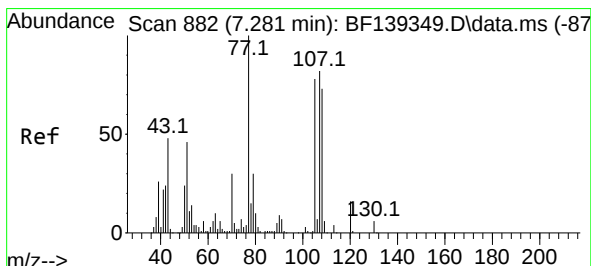
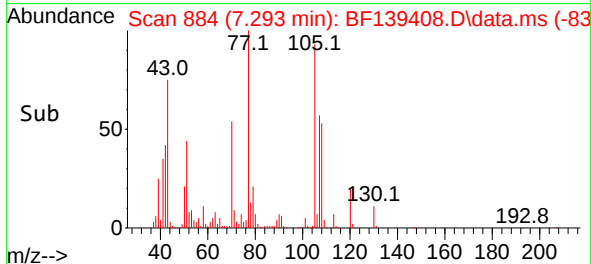
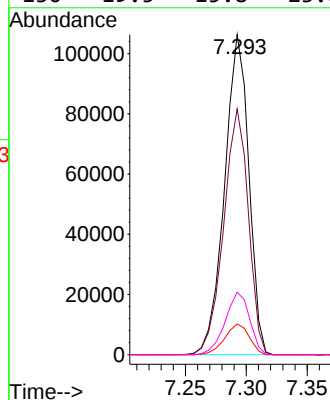
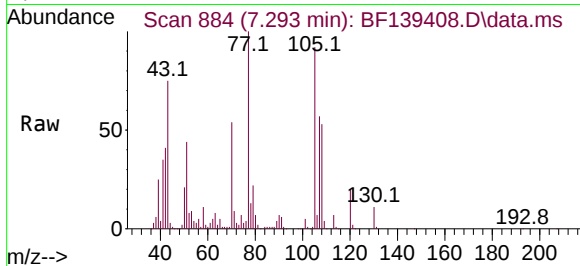


#19
n-Nitroso-di-n-propylamine
Concen: 51.262 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion: 70 Resp: 147130

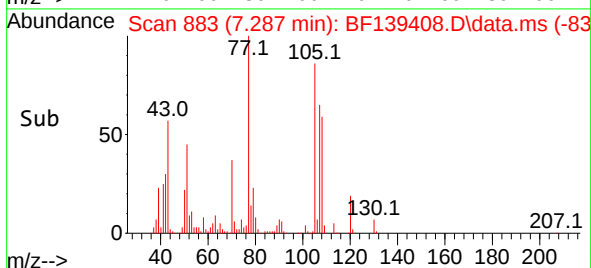
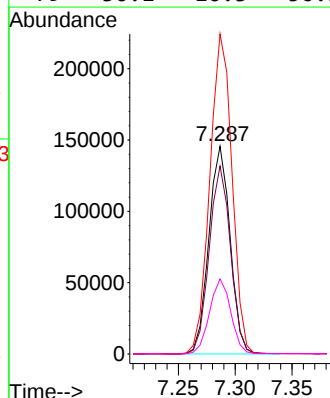
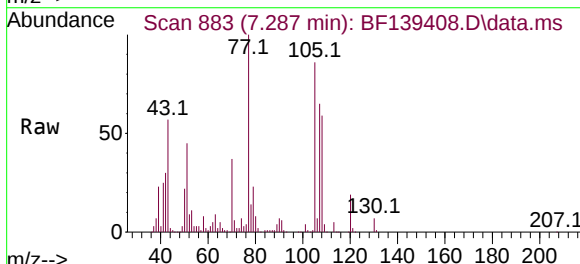
Ion	Ratio	Lower	Upper
70	100		
42	76.8	61.2	91.8
101	9.6	7.5	11.3
130	19.5	15.8	23.8

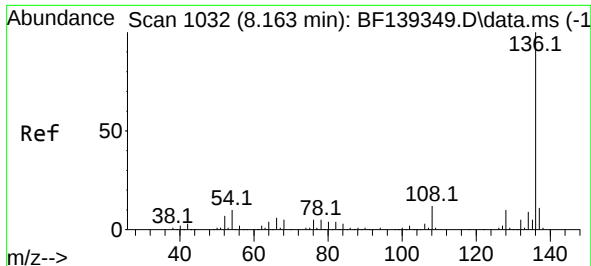


#20
3+4-Methylphenols
Concen: 46.201 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion: 107 Resp: 190226

Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.6	108.6
77	154.0	101.6	141.6#
79	36.1	16.3	56.3

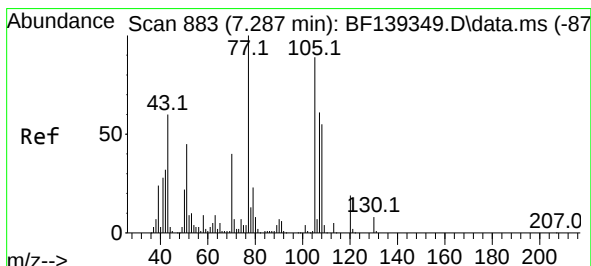
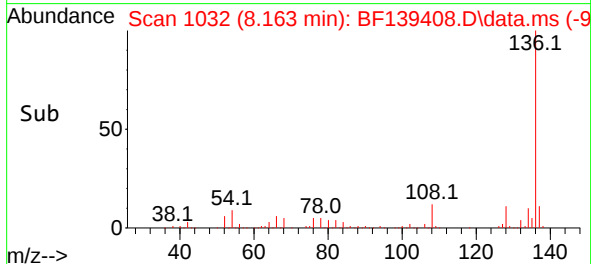
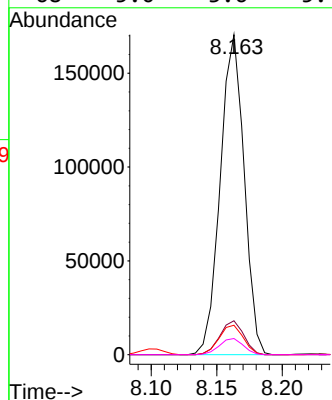
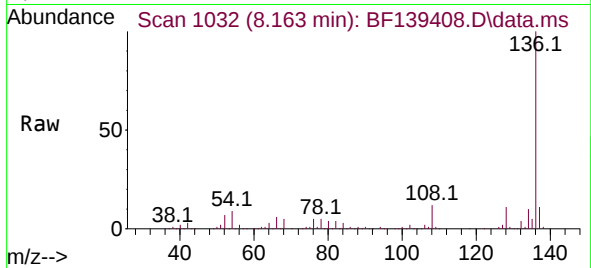




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

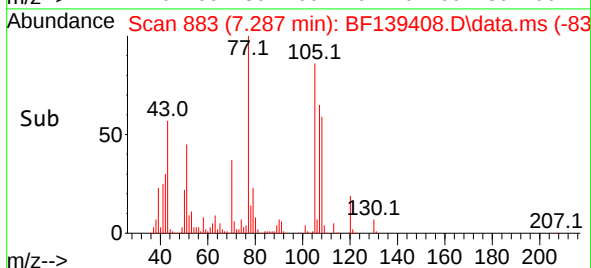
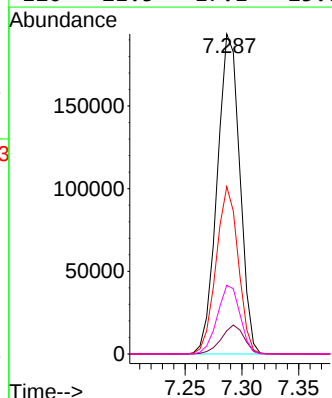
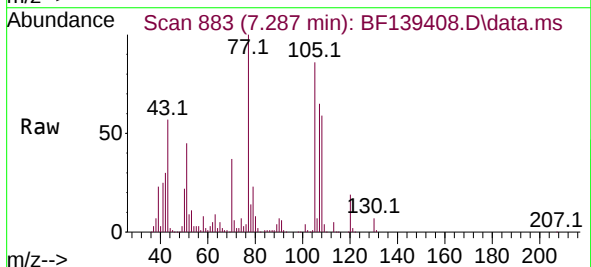
Instrument :
BNA_F
ClientSampleId :
TP-2MS

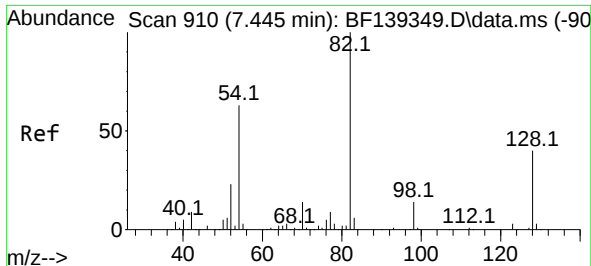
Tgt Ion:	136	Resp:	215551
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	12.8
54	9.2	7.8	11.8
68	5.0	3.6	5.4



#22
Acetophenone
Concen: 47.579 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:	105	Resp:	268113
Ion Ratio	Lower	Upper	
105	100		
71	7.2	5.9	8.9
51	52.3	40.0	60.0
120	21.5	17.1	25.7





#23

Nitrobenzene-d5

Concen: 84.963 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

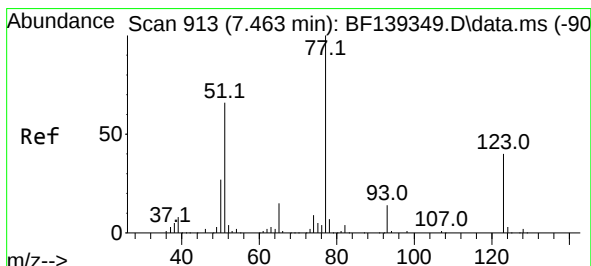
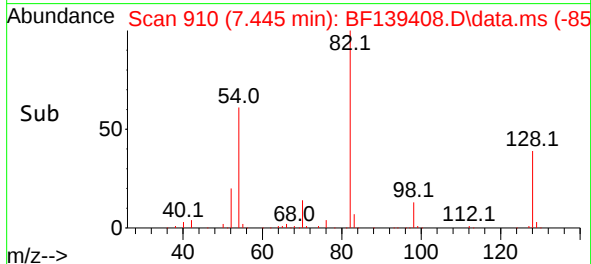
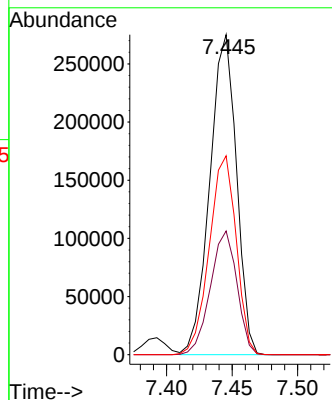
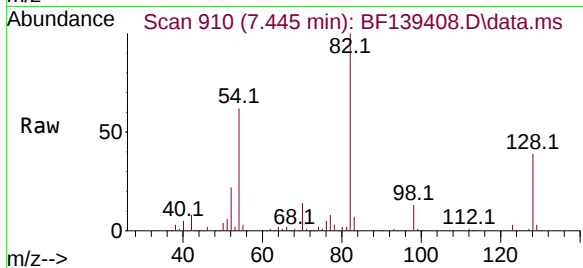
Tgt Ion: 82 Resp: 389561

Ion Ratio Lower Upper

82 100

128 38.6 31.8 47.6

54 62.2 50.6 75.8



#24

Nitrobenzene

Concen: 45.967 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

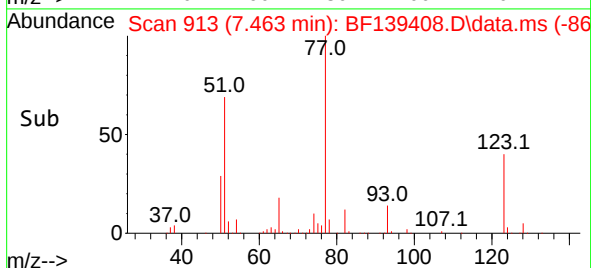
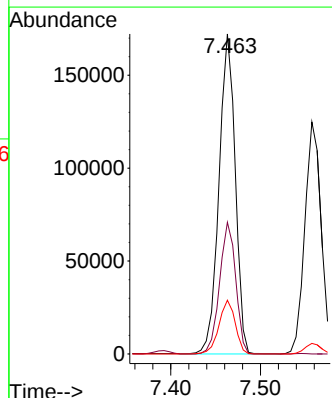
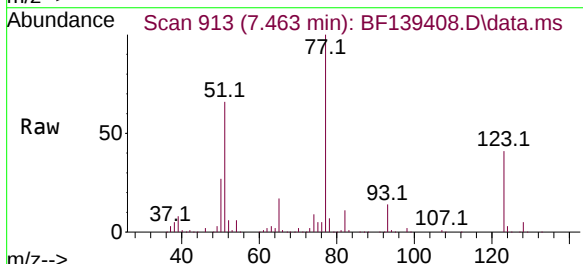
Tgt Ion: 77 Resp: 216918

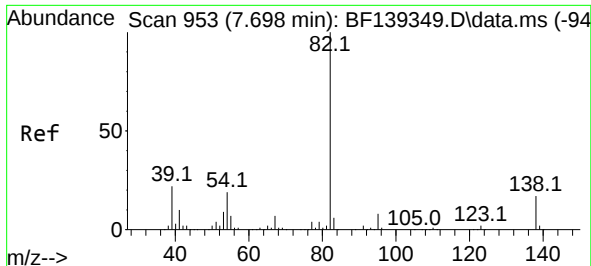
Ion Ratio Lower Upper

77 100

123 41.2 32.2 48.4

65 16.8 12.2 18.4

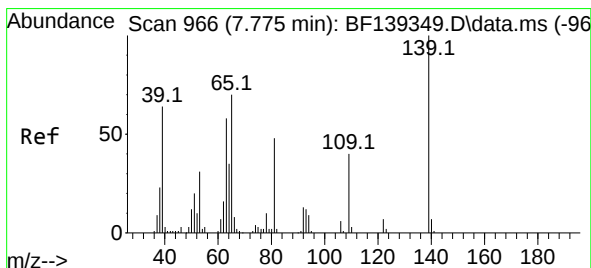
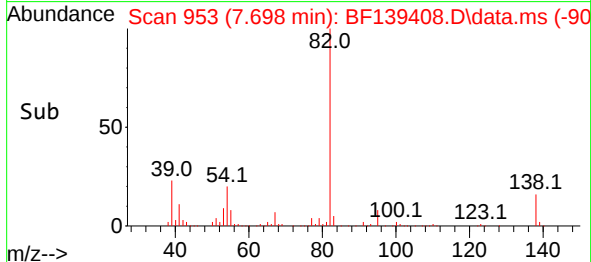
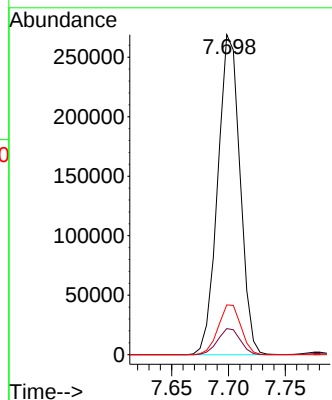
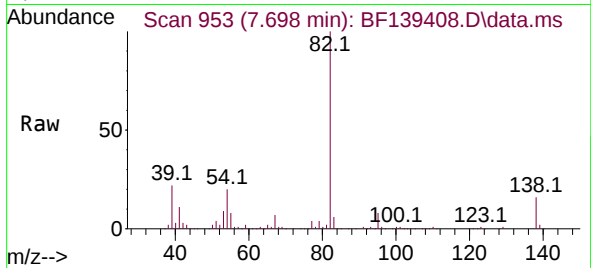




#25
Isophorone
Concen: 50.663 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

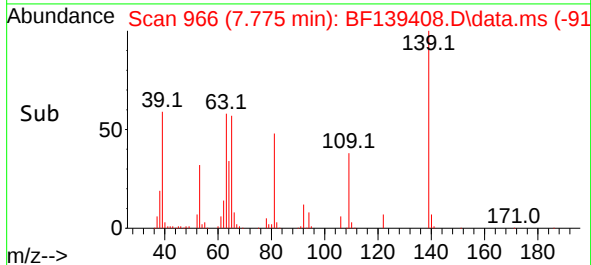
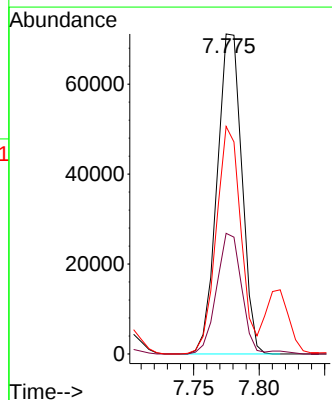
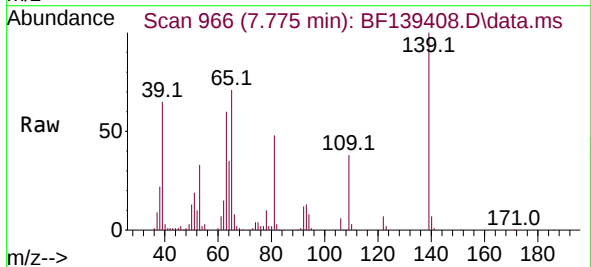
Instrument :
BNA_F
ClientSampleId :
TP-2MS

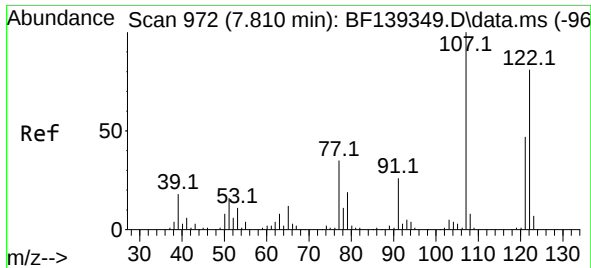
Tgt Ion: 82 Resp: 367372
Ion Ratio Lower Upper
82 100
95 8.2 6.7 10.1
138 15.6 13.3 19.9



#26
2-Nitrophenol
Concen: 50.853 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:139 Resp: 93493
Ion Ratio Lower Upper
139 100
109 37.7 32.2 48.2
65 71.1 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 60.016 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

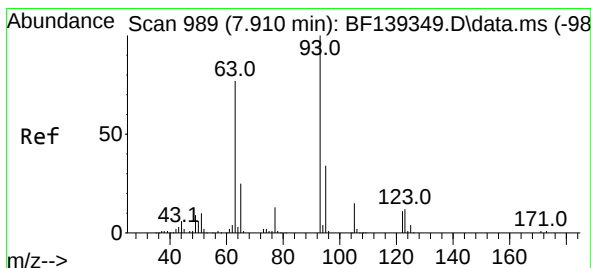
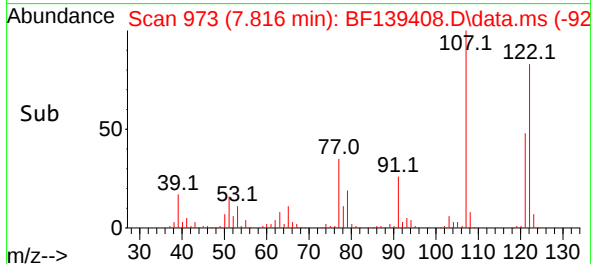
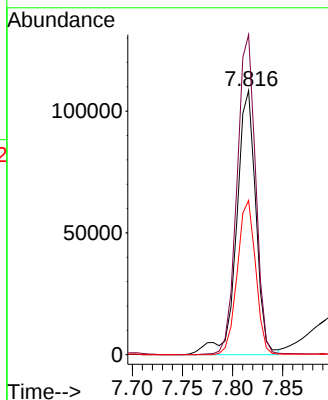
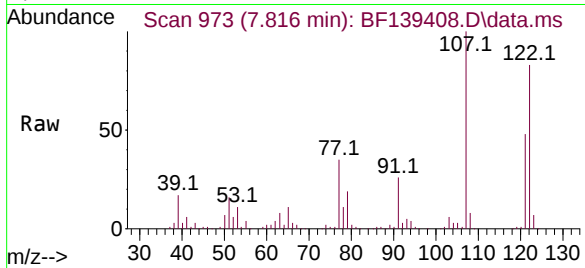
Tgt Ion:122 Resp: 145547

Ion Ratio Lower Upper

122 100

107 121.2 99.1 148.7

121 58.4 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 51.772 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

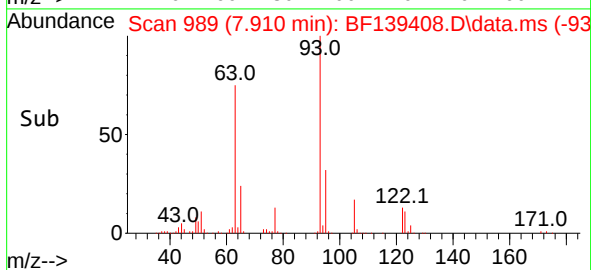
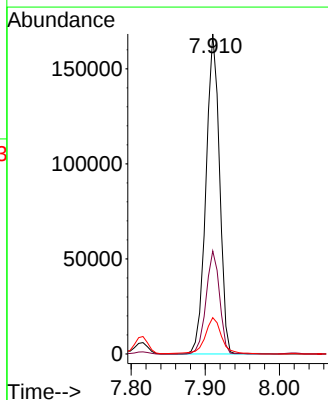
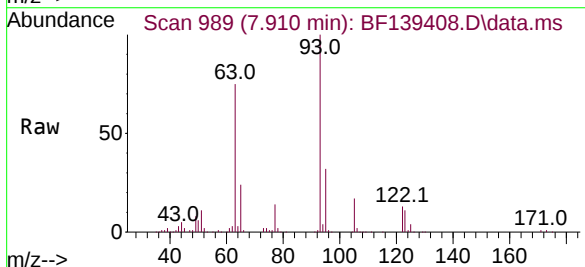
Tgt Ion: 93 Resp: 213961

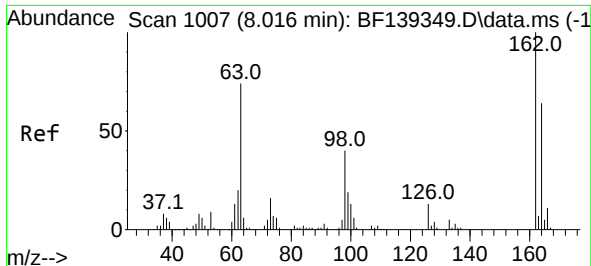
Ion Ratio Lower Upper

93 100

95 32.2 26.9 40.3

123 11.4 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 47.221 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

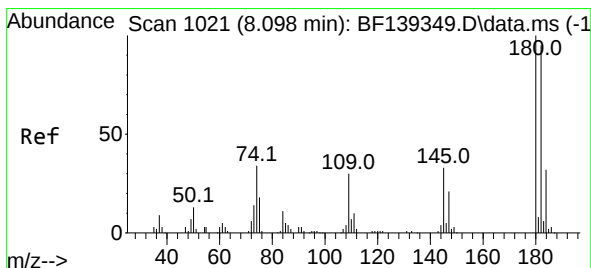
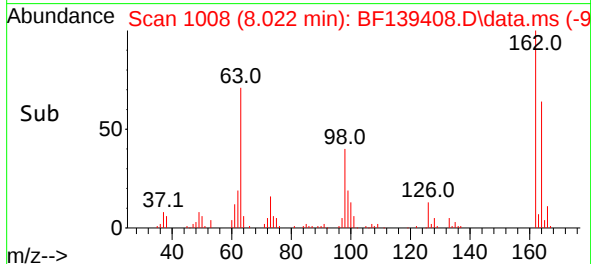
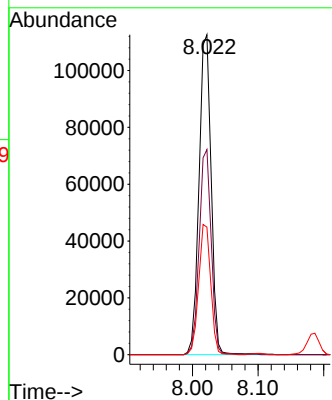
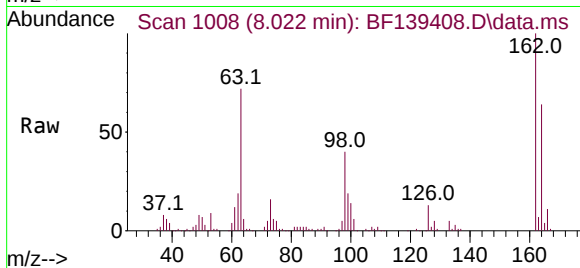
Tgt Ion:162 Resp: 145481

Ion Ratio Lower Upper

162 100

164 64.1 43.6 83.6

98 39.9 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 44.830 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

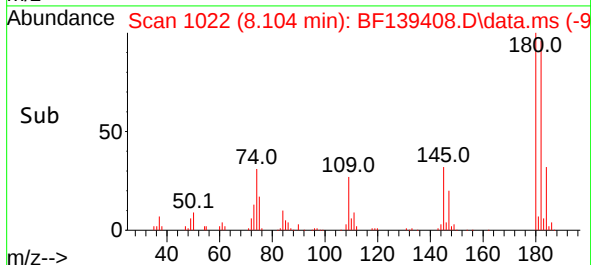
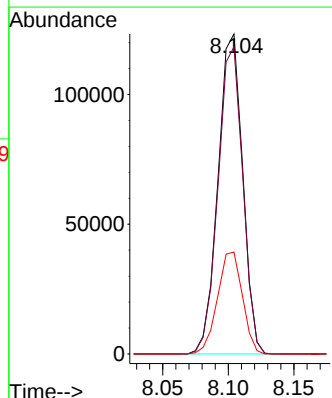
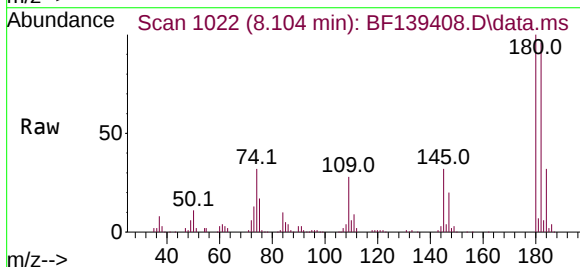
Tgt Ion:180 Resp: 160928

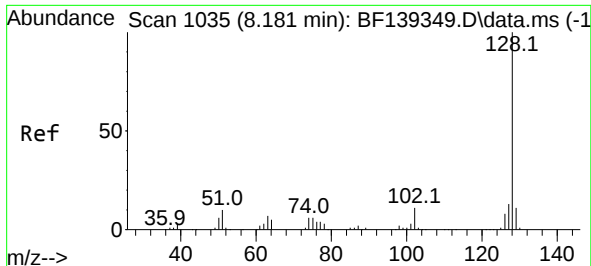
Ion Ratio Lower Upper

180 100

182 96.0 75.7 113.5

145 31.8 26.5 39.7

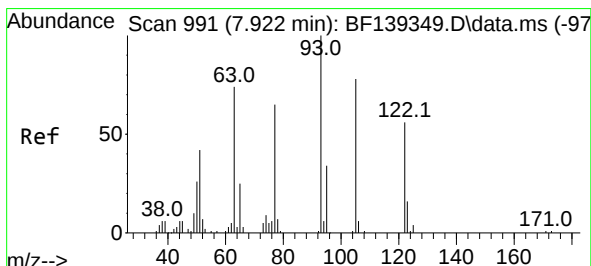
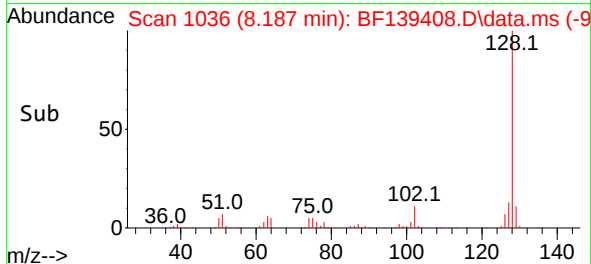
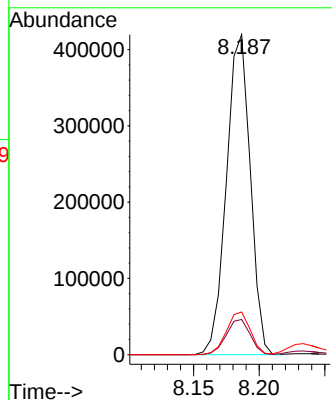
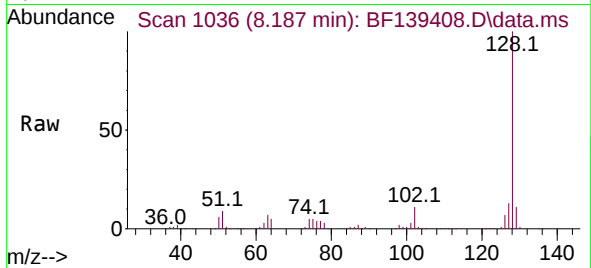




#31
Naphthalene
Concen: 47.244 ng
RT: 8.187 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

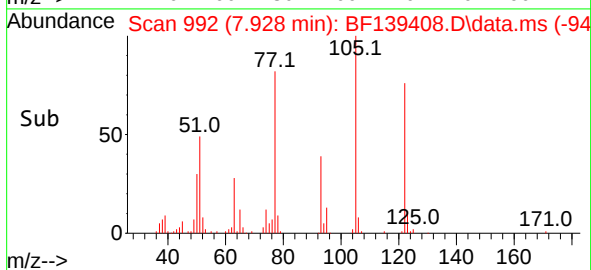
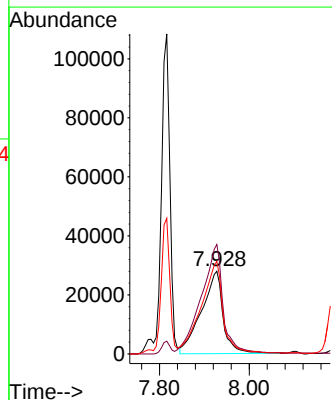
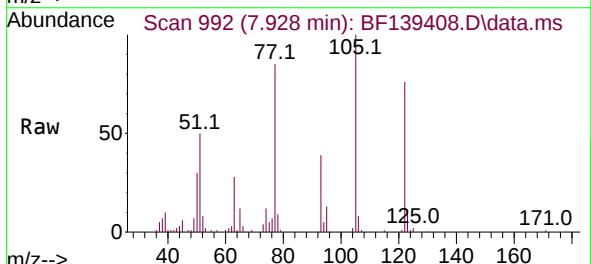
Instrument :
BNA_F
ClientSampleId :
TP-2MS

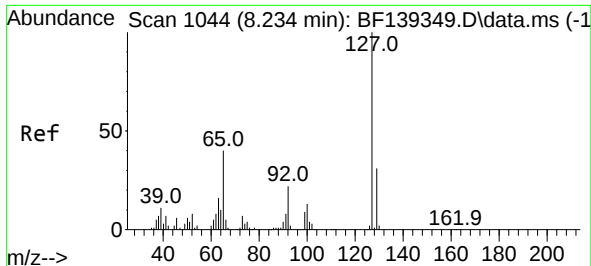
Tgt Ion:128 Resp: 531635
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 41.217 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:122 Resp: 93543
Ion Ratio Lower Upper
122 100
105 132.2 117.1 157.1
77 111.7 95.4 135.4

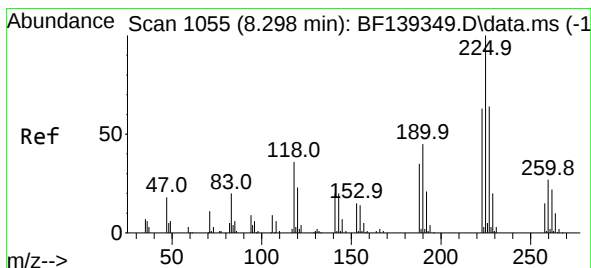
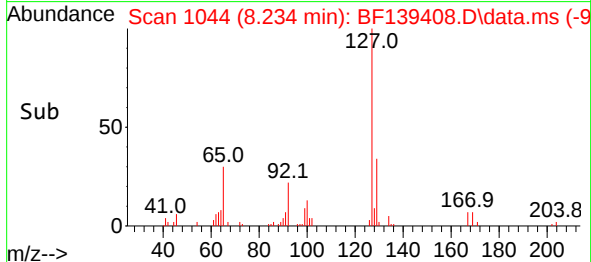
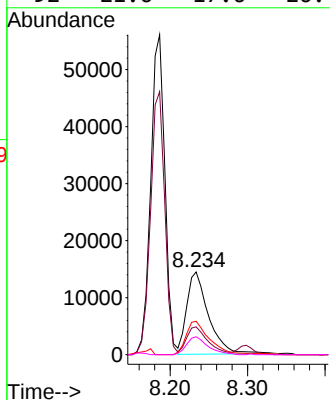
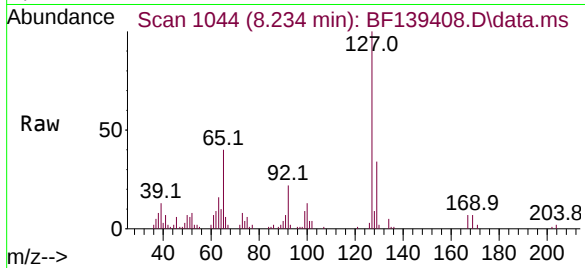




#33
4-Chloroaniline
Concen: 8.144 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

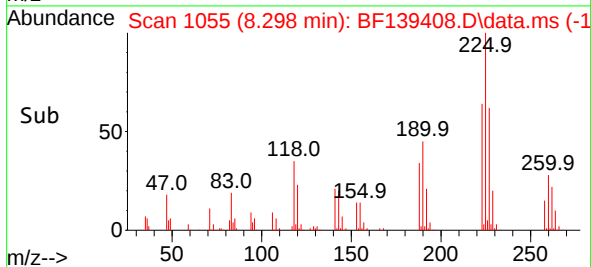
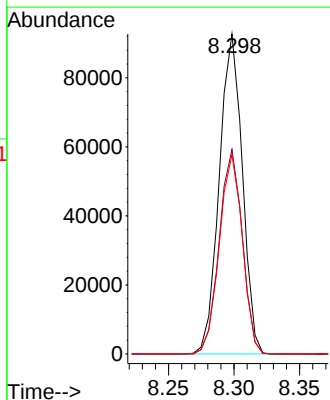
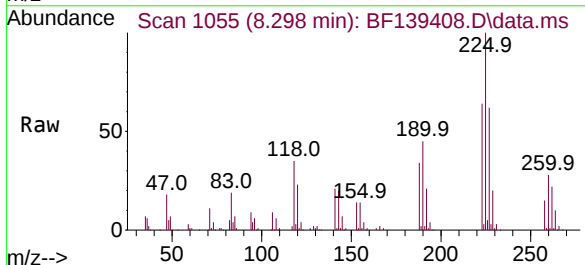
Instrument :
BNA_F
ClientSampleId :
TP-2MS

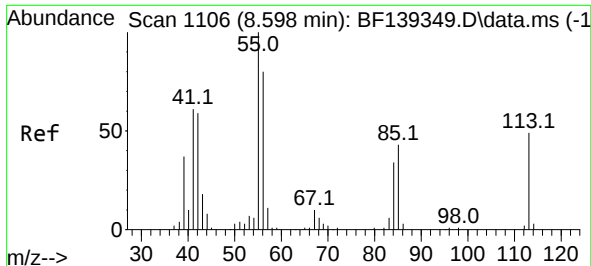
Tgt Ion:	127	Resp:	28037
Ion Ratio	Lower	Upper	
127	100		
129	33.7	25.5	38.3
65	40.5	31.5	47.3
92	21.6	17.6	26.4



#34
Hexachlorobutadiene
Concen: 46.394 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:	225	Resp:	113147
Ion Ratio	Lower	Upper	
225	100		
223	63.9	50.1	75.1
227	62.2	51.0	76.6

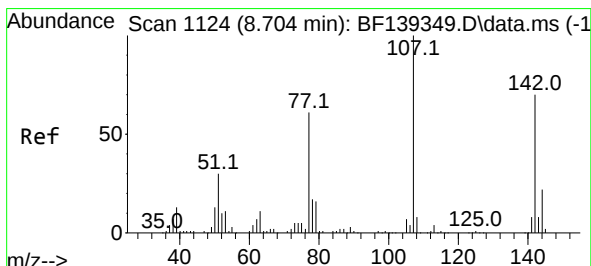
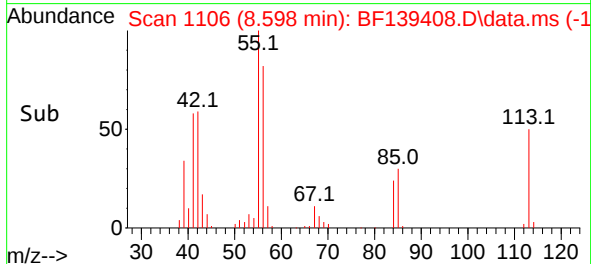
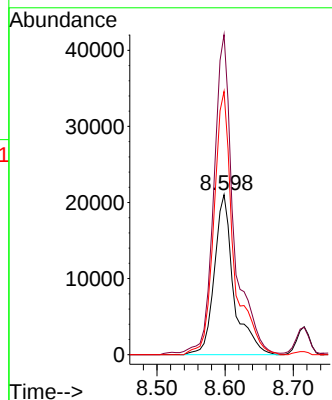
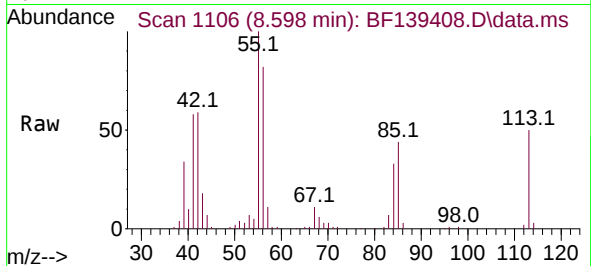




#35
Caprolactam
Concen: 43.856 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

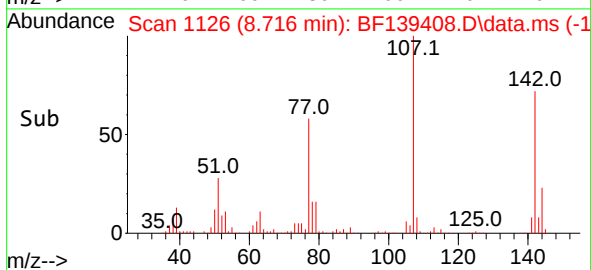
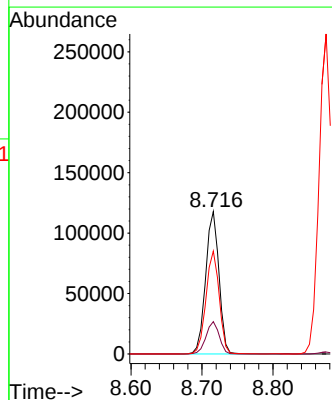
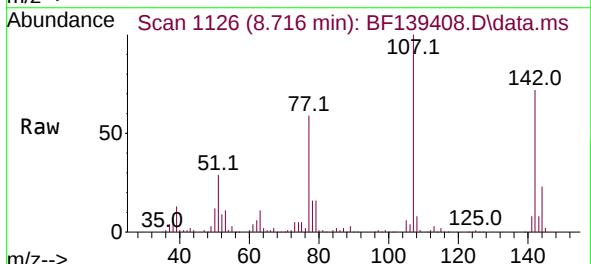
Instrument :
BNA_F
ClientSampleId :
TP-2MS

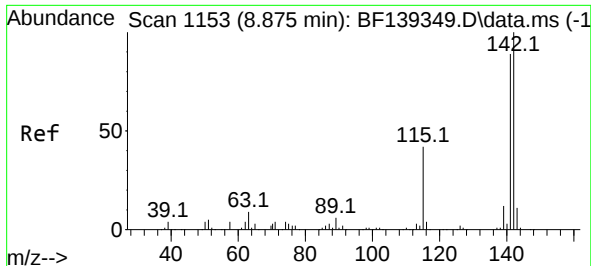
Tgt Ion:113 Resp: 41563
Ion Ratio Lower Upper
113 100
55 200.0 186.1 226.1
56 164.5 144.9 184.9



#36
4-Chloro-3-methylphenol
Concen: 43.781 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:107 Resp: 154152
Ion Ratio Lower Upper
107 100
144 22.7 17.5 26.3
142 72.3 55.8 83.8





#37

2-Methylnaphthalene

Concen: 45.997 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

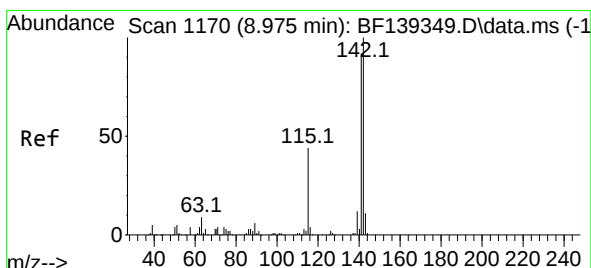
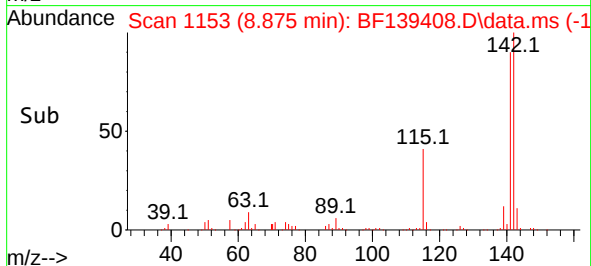
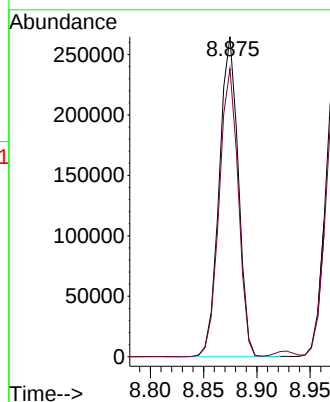
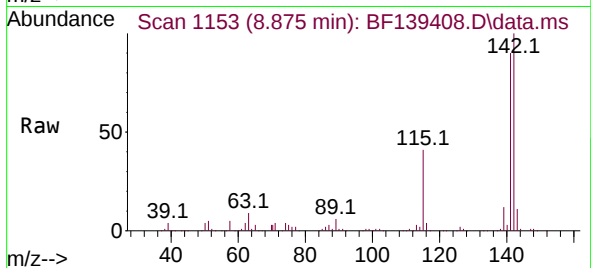
TP-2MS

Tgt Ion:142 Resp: 328542

Ion Ratio Lower Upper

142 100

141 90.0 71.6 107.4



#38

1-Methylnaphthalene

Concen: 42.789 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139408.D

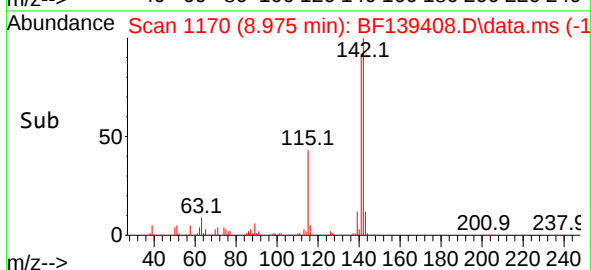
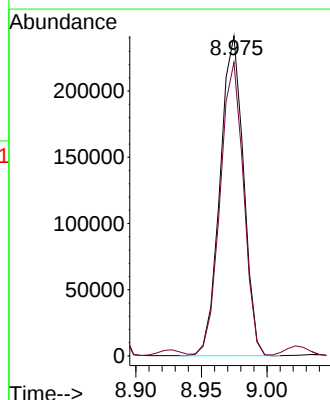
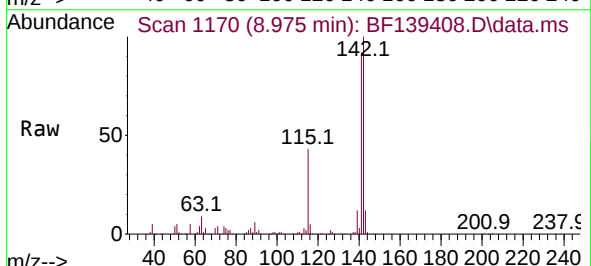
Acq: 17 Sep 2024 18:04

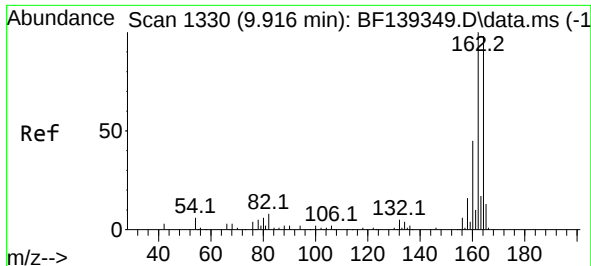
Tgt Ion:142 Resp: 300052

Ion Ratio Lower Upper

142 100

141 91.7 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: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

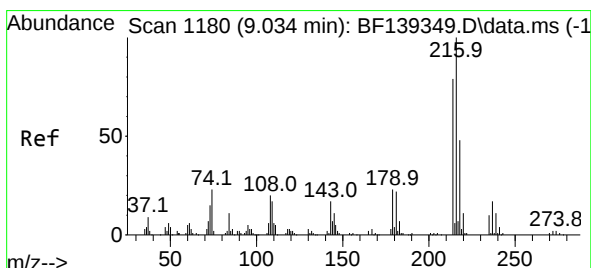
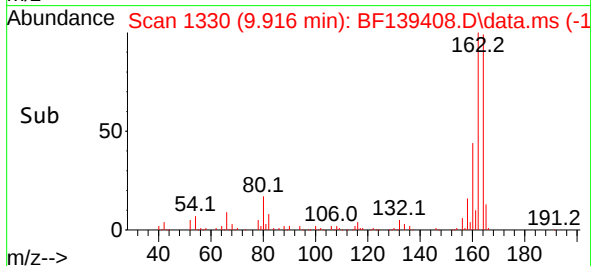
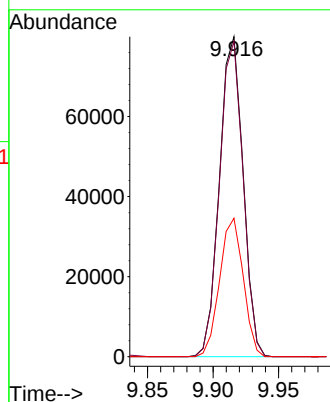
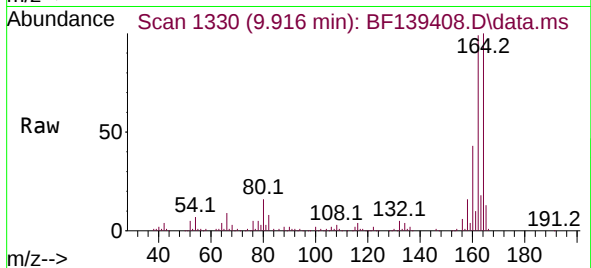
Tgt Ion:164 Resp: 100249

Ion Ratio Lower Upper

164 100

162 98.5 81.3 121.9

160 43.3 36.4 54.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.446 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Tgt Ion:216 Resp: 155821

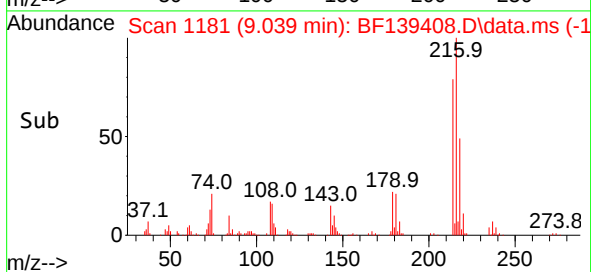
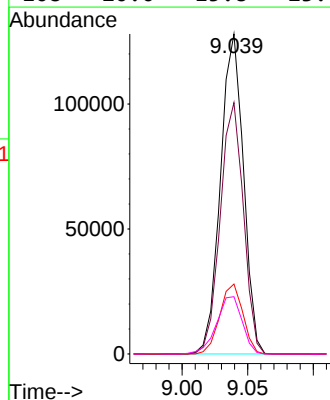
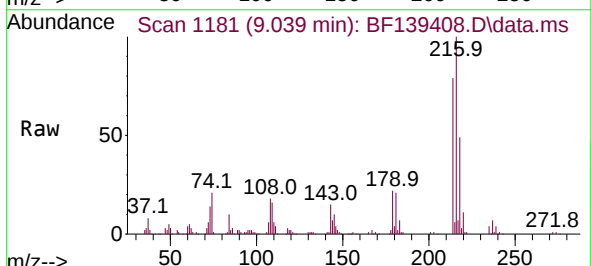
Ion Ratio Lower Upper

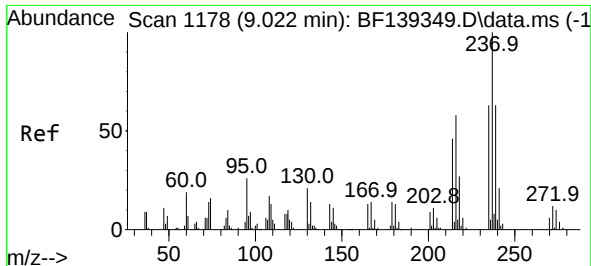
216 100

214 79.0 63.4 95.0

179 22.0 18.2 27.2

108 20.0 15.8 23.6

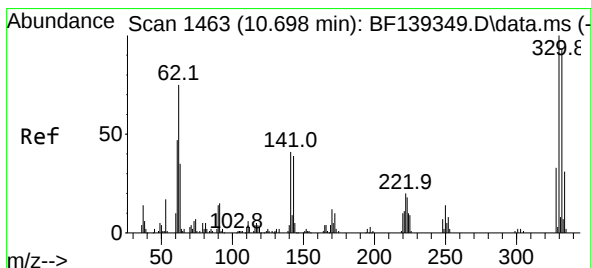
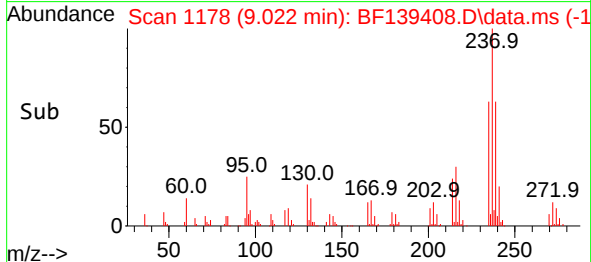
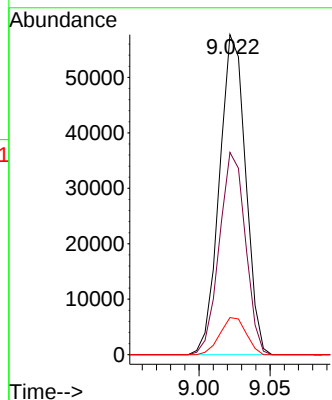
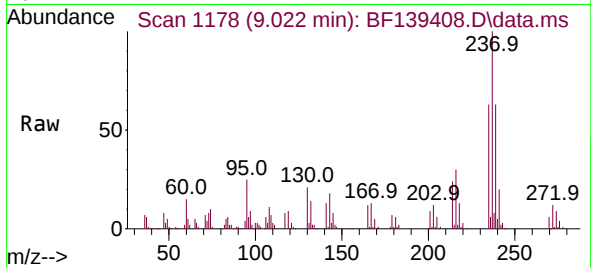




#41
Hexachlorocyclopentadiene
Concen: 71.170 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

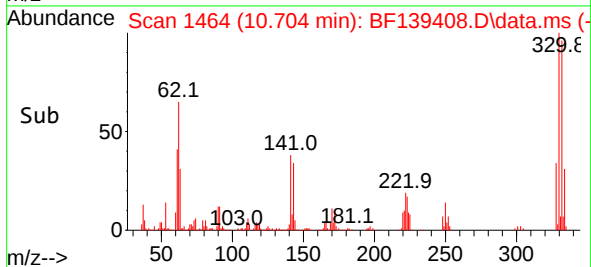
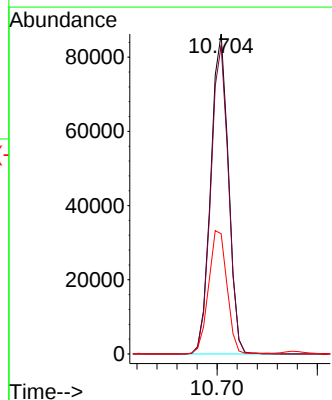
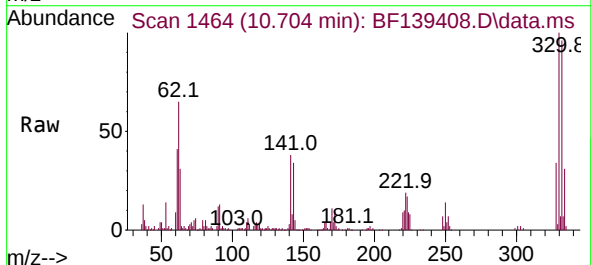
Instrument :
BNA_F
ClientSampleId :
TP-2MS

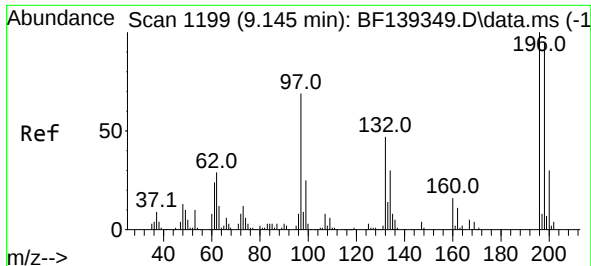
Tgt Ion:237 Resp: 73830
Ion Ratio Lower Upper
237 100
235 63.2 42.7 82.7
272 11.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 98.986 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:330 Resp: 105645
Ion Ratio Lower Upper
330 100
332 96.3 75.2 112.8
141 40.2 31.2 46.8

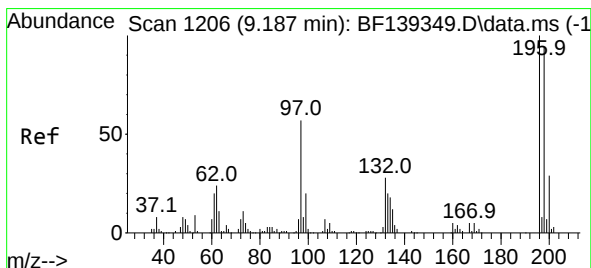
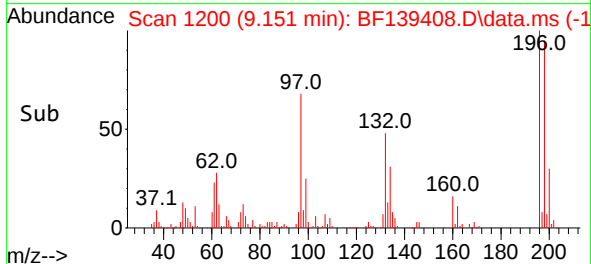
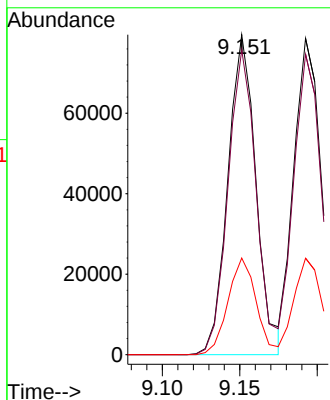
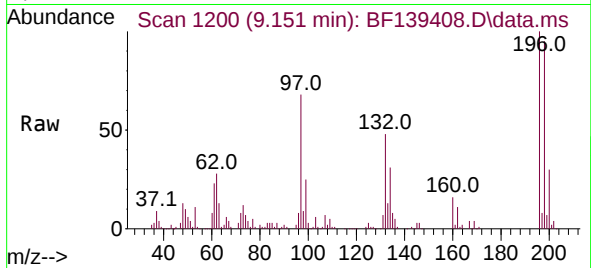




#43
2,4,6-Trichlorophenol
Concen: 51.840 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

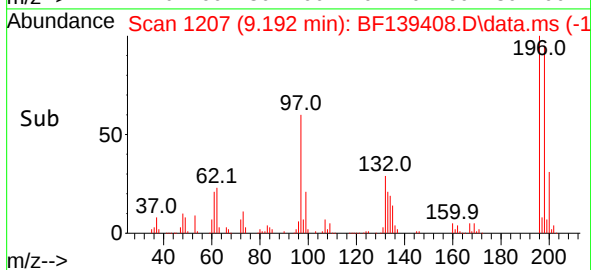
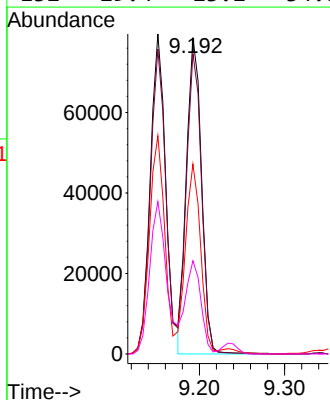
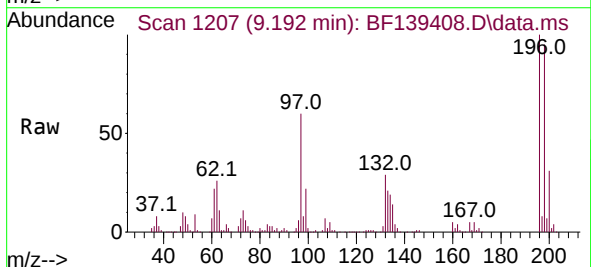
Instrument :
BNA_F
ClientSampleId :
TP-2MS

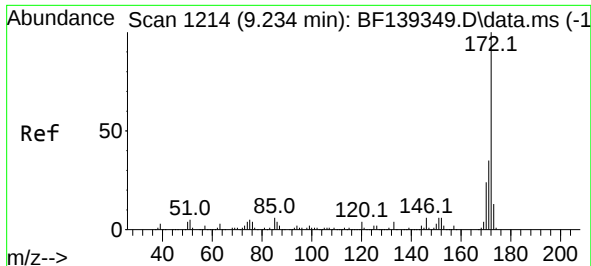
Tgt Ion:196 Resp: 100204
Ion Ratio Lower Upper
196 100
198 95.2 75.8 113.6
200 30.2 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 47.473 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:196 Resp: 96796
Ion Ratio Lower Upper
196 100
198 95.0 74.8 112.2
97 60.0 47.3 70.9
132 29.4 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 87.077 ng

RT: 9.234 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

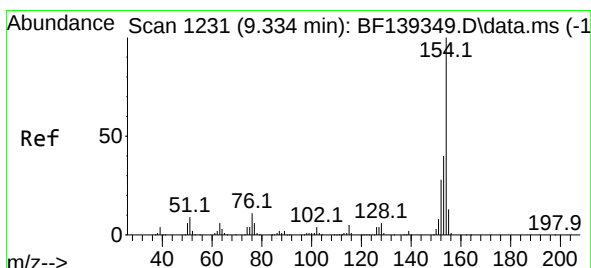
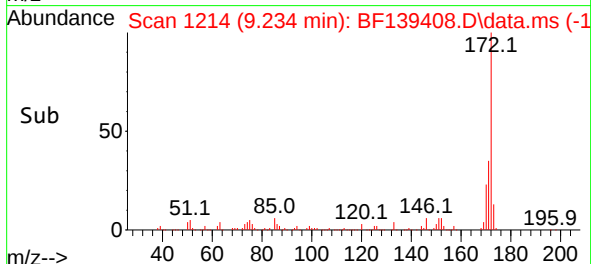
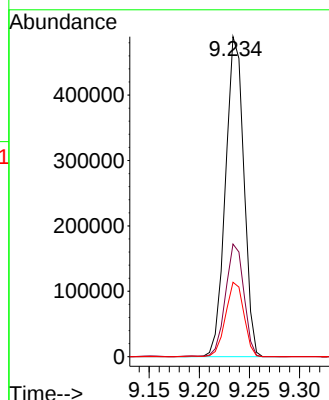
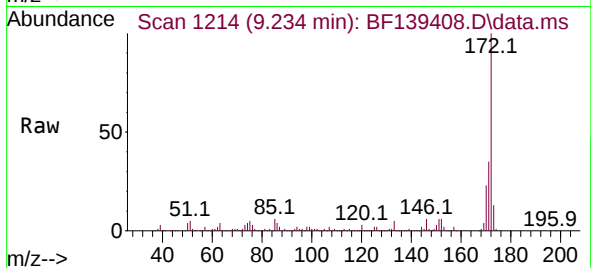
Tgt Ion:172 Resp: 622406

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 51.399 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

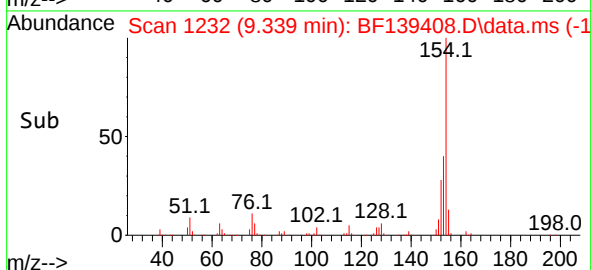
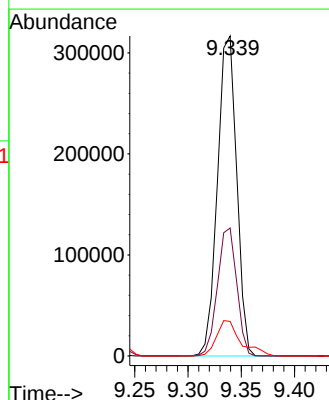
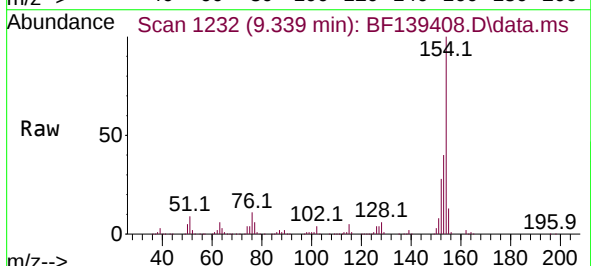
Tgt Ion:154 Resp: 396412

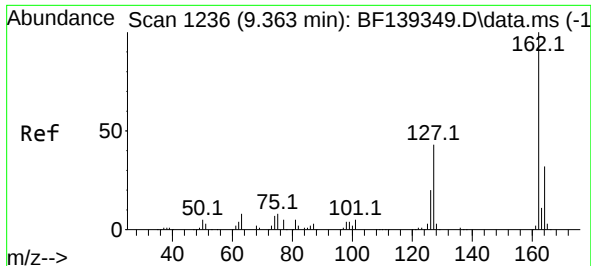
Ion Ratio Lower Upper

154 100

153 40.0 20.1 60.1

76 10.8 0.0 31.1

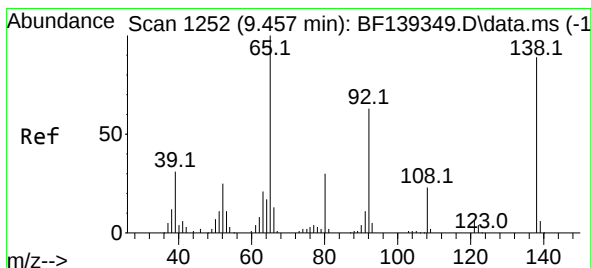
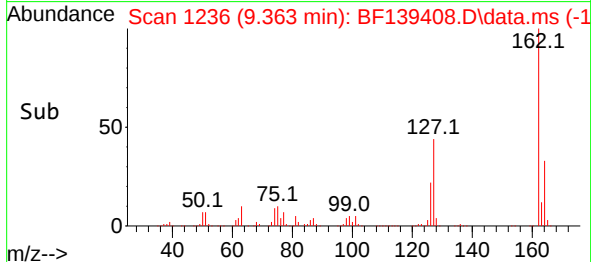
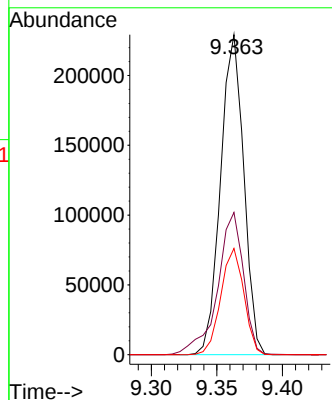
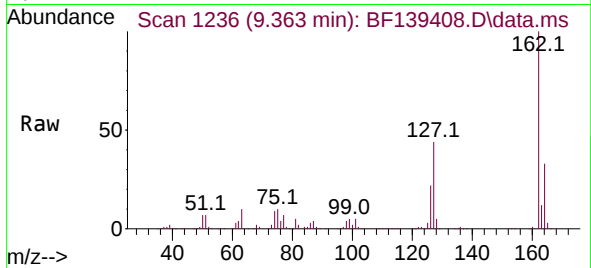




#47
2-Chloronaphthalene
Concen: 48.812 ng
RT: 9.363 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

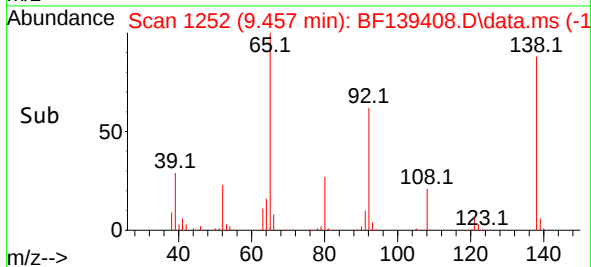
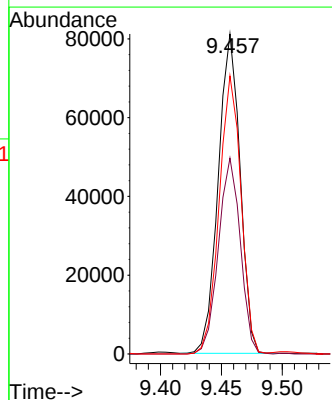
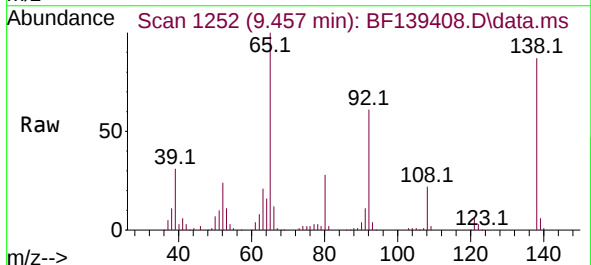
Instrument :
BNA_F
ClientSampleId :
TP-2MS

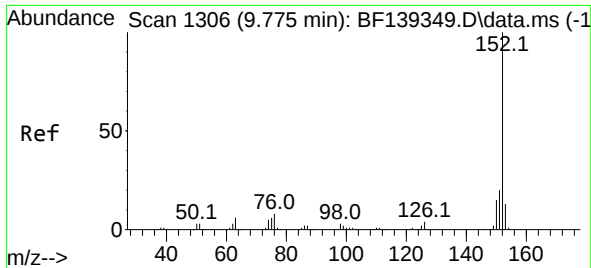
Tgt Ion:162 Resp: 281479
Ion Ratio Lower Upper
162 100
127 44.4 35.0 52.4
164 33.2 25.8 38.6



#48
2-Nitroaniline
Concen: 47.169 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion: 65 Resp: 101170
Ion Ratio Lower Upper
65 100
92 61.2 50.3 75.5
138 86.9 71.3 106.9

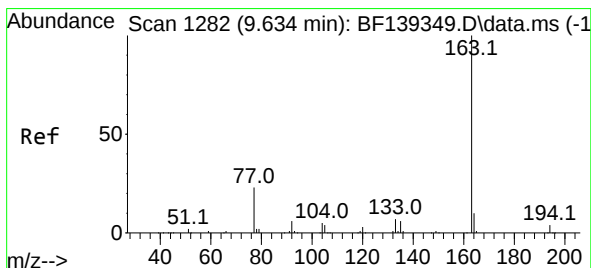
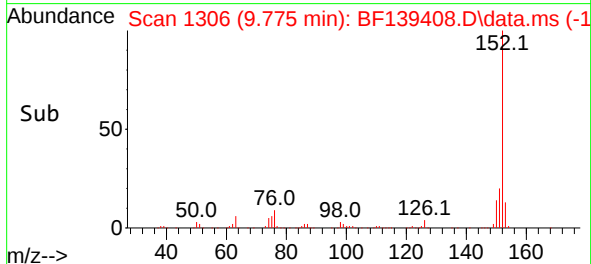
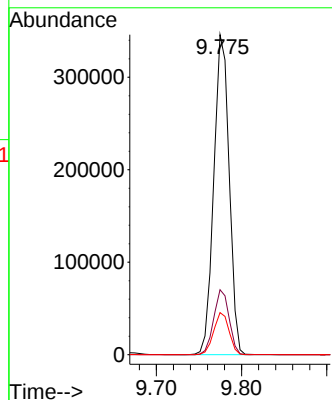
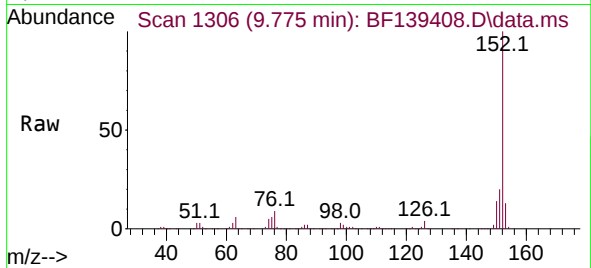




#49
Acenaphthylene
Concen: 50.021 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

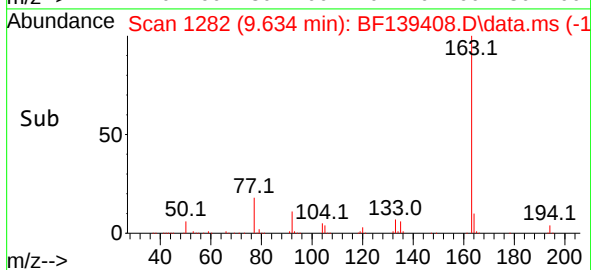
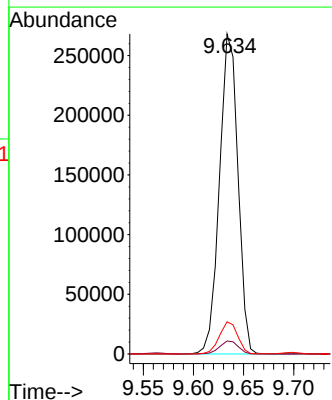
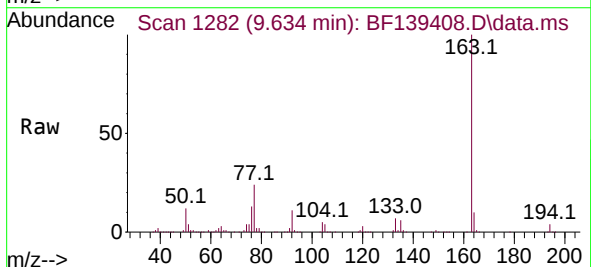
Instrument :
BNA_F
ClientSampleId :
TP-2MS

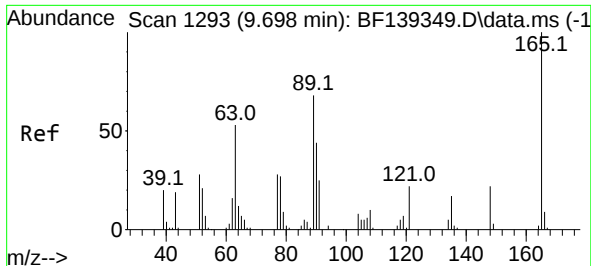
Tgt Ion:152 Resp: 434199
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.2 10.3 15.5



#50
Dimethylphthalate
Concen: 52.124 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:163 Resp: 342964
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 45.902 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

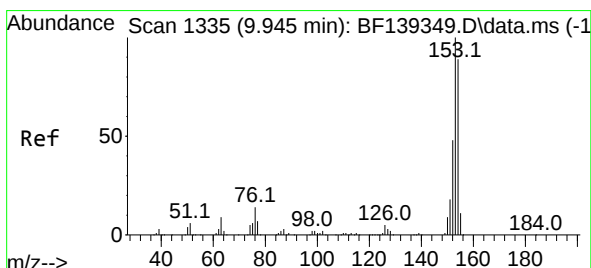
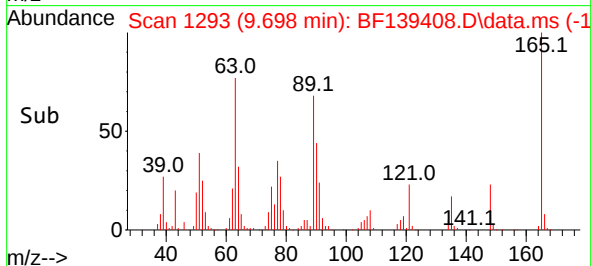
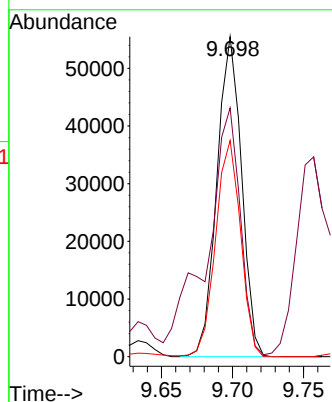
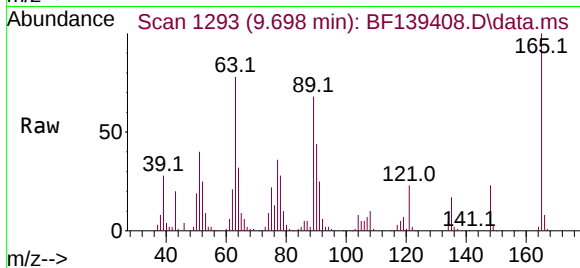
Tgt Ion:165 Resp: 66908

Ion Ratio Lower Upper

165 100

63 77.8 60.9 91.3

89 67.6 54.7 82.1



#52

Acenaphthene

Concen: 47.551 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

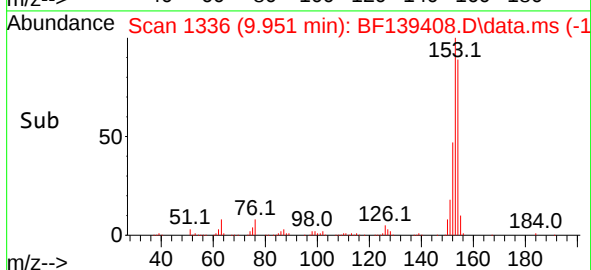
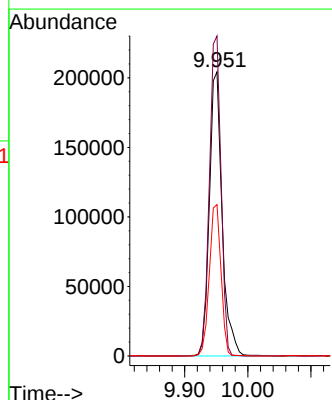
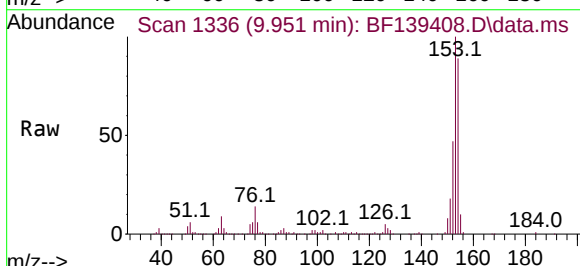
Tgt Ion:154 Resp: 288079

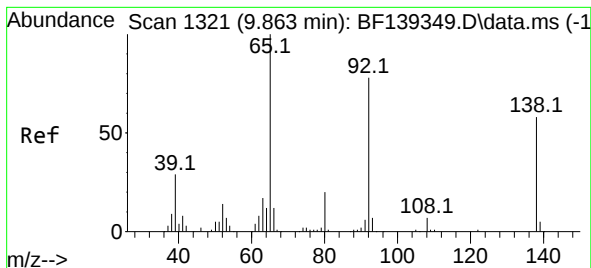
Ion Ratio Lower Upper

154 100

153 112.6 89.5 134.3

152 53.3 42.6 64.0





#53

3-Nitroaniline

Concen: 25.060 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

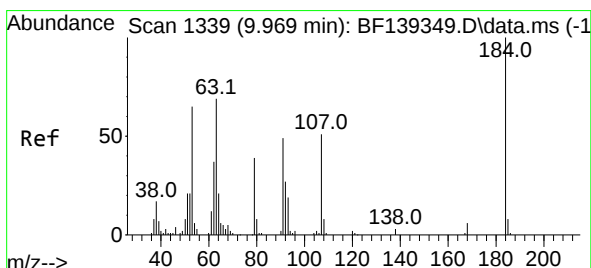
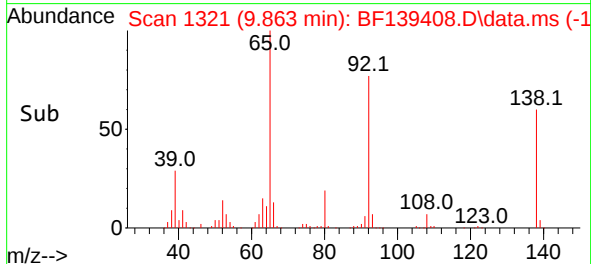
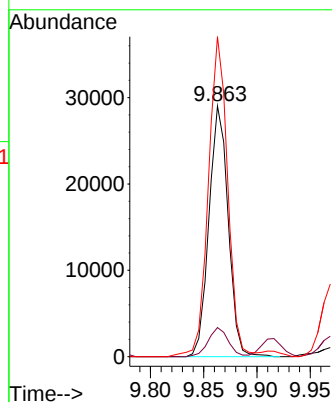
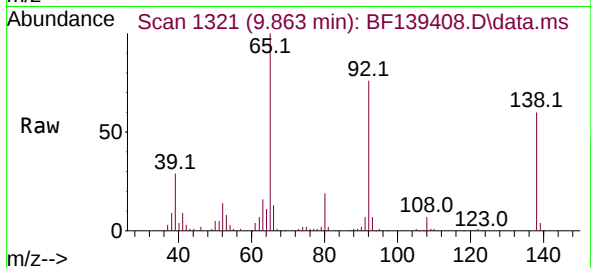
Tgt Ion:138 Resp: 36505

Ion Ratio Lower Upper

138 100

108 11.6 9.8 14.8

92 127.7 107.4 161.2



#54

2,4-Dinitrophenol

Concen: 47.522 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

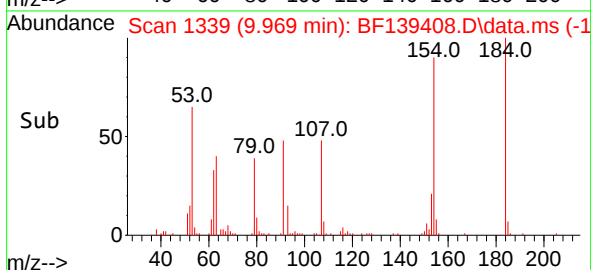
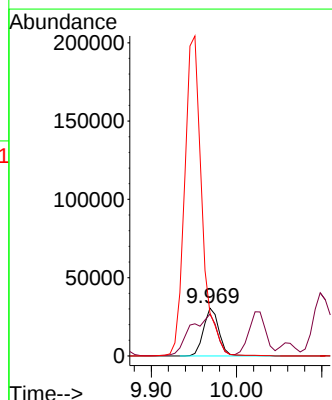
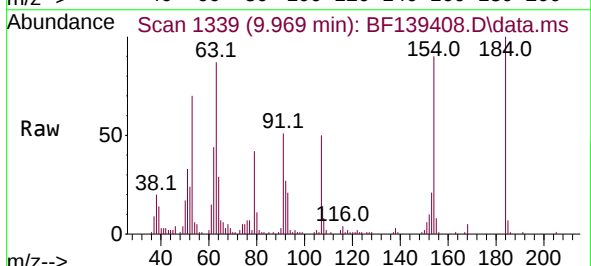
Tgt Ion:184 Resp: 38598

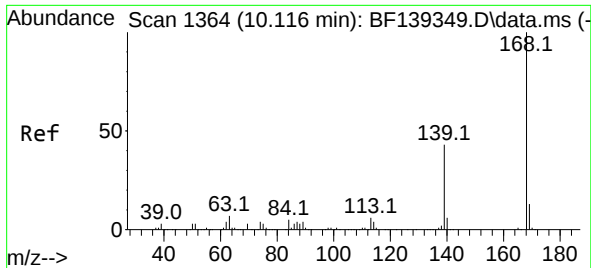
Ion Ratio Lower Upper

184 100

63 87.1 69.3 103.9

154 89.9 67.5 101.3

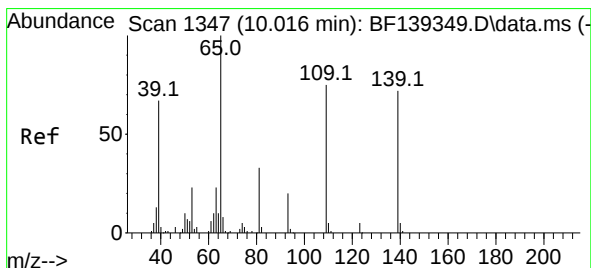
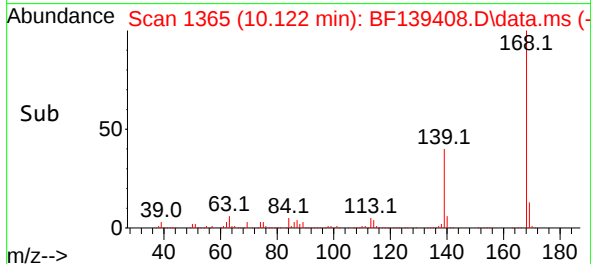
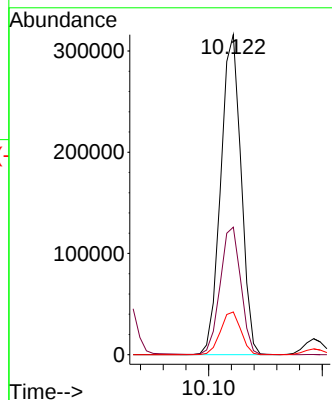
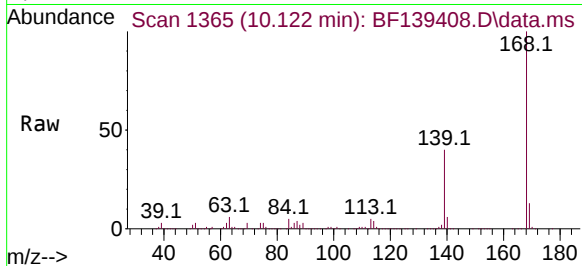




#55
Dibenzofuran
Concen: 46.548 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

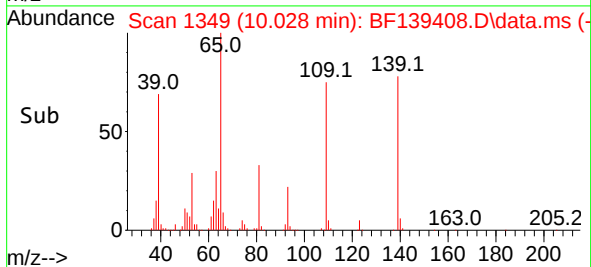
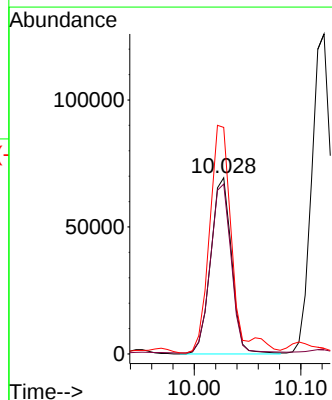
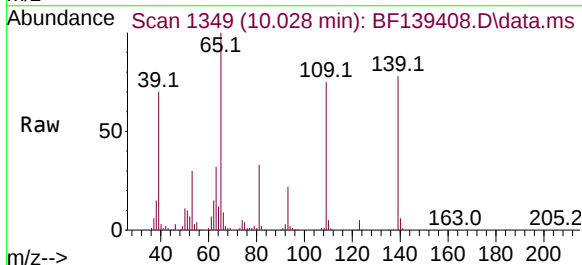
Instrument :
BNA_F
ClientSampleId :
TP-2MS

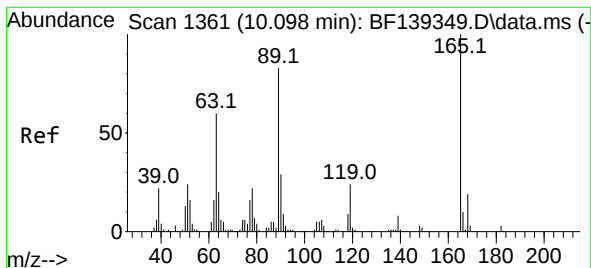
Tgt Ion:168 Resp: 393053
Ion Ratio Lower Upper
168 100
139 39.9 34.1 51.1
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 78.259 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:139 Resp: 94331
Ion Ratio Lower Upper
139 100
109 96.5 84.1 124.1
65 128.7 120.0 160.0

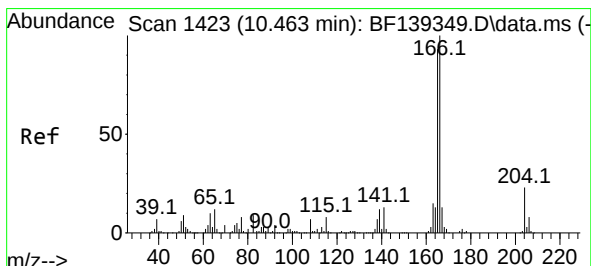
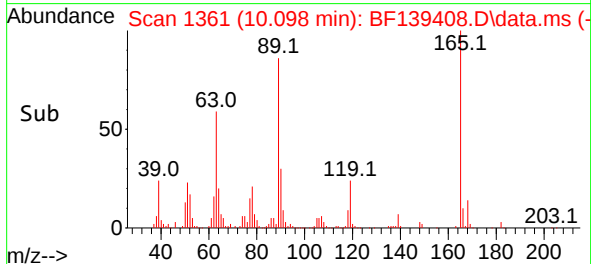
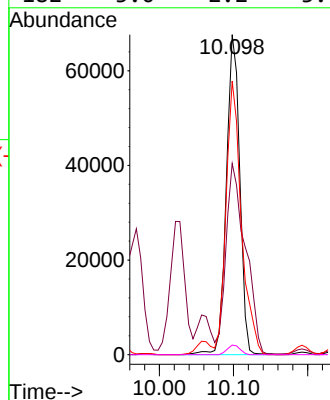
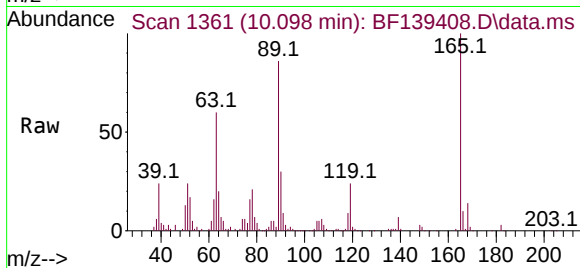




#57
2,4-Dinitrotoluene
Concen: 43.209 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

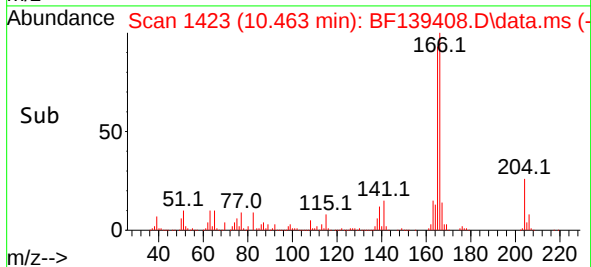
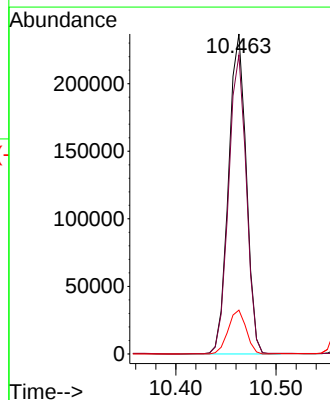
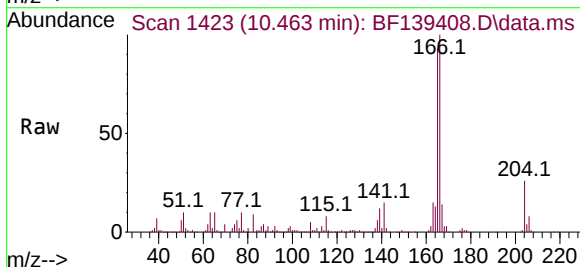
Instrument :
BNA_F
ClientSampleId :
TP-2MS

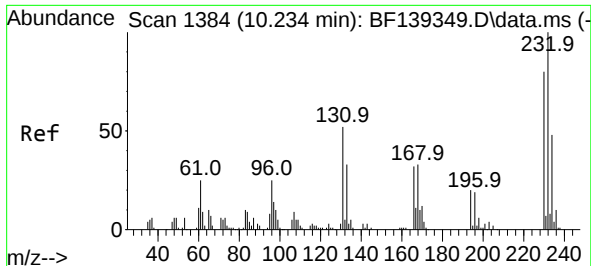
Tgt Ion:165 Resp: 85032
Ion Ratio Lower Upper
165 100
63 59.7 47.8 71.6
89 85.5 66.7 100.1
182 3.0 2.2 3.4



#58
Fluorene
Concen: 42.213 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:166 Resp: 290831
Ion Ratio Lower Upper
166 100
165 93.5 74.5 111.7
167 13.7 10.6 16.0

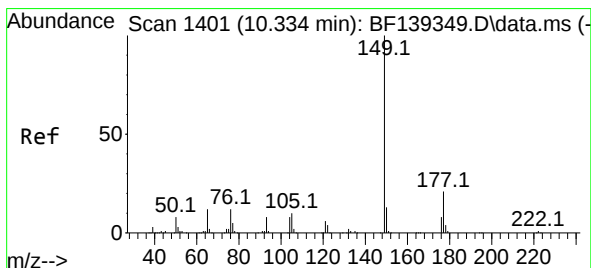
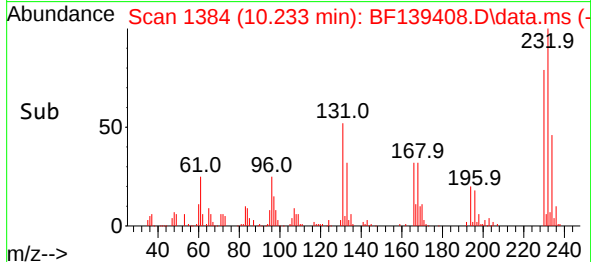
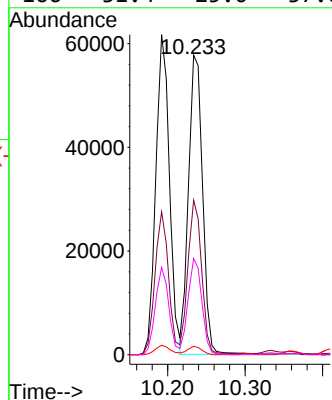
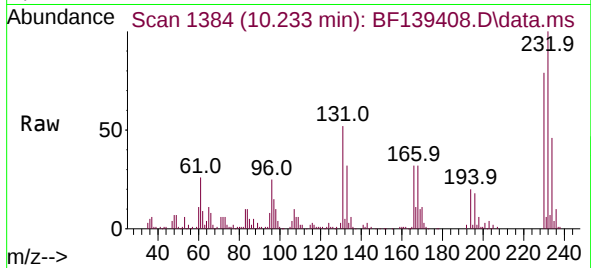




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.148 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

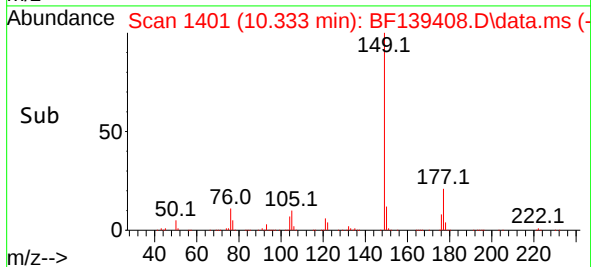
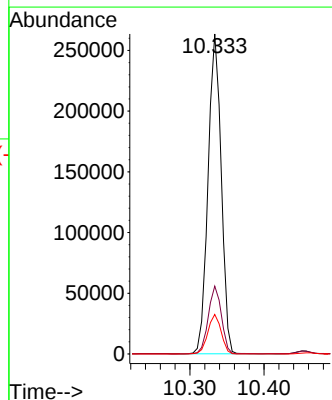
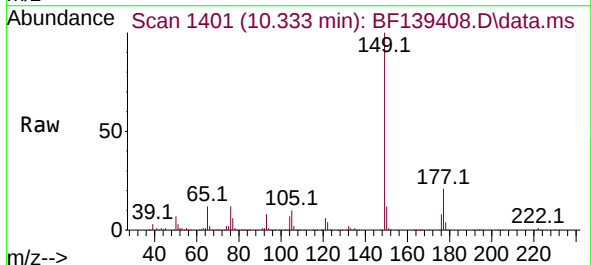
Instrument :
BNA_F
ClientSampleId :
TP-2MS

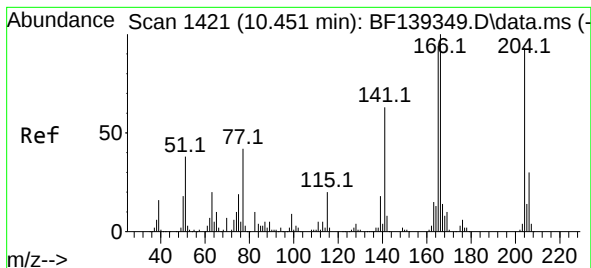
Tgt Ion:232 Resp: 72776
Ion Ratio Lower Upper
232 100
131 49.2 40.7 61.1
130 2.8 2.2 3.2
166 31.4 25.0 37.6



#60
Diethylphthalate
Concen: 47.743 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:149 Resp: 324176
Ion Ratio Lower Upper
149 100
177 21.2 16.6 24.8
150 12.3 10.6 15.8

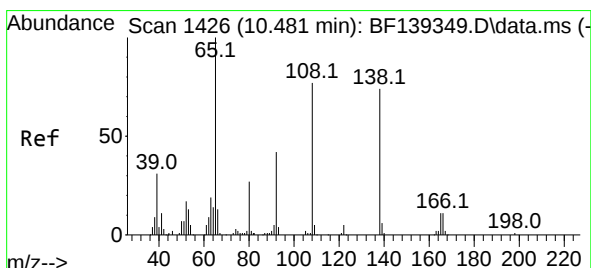
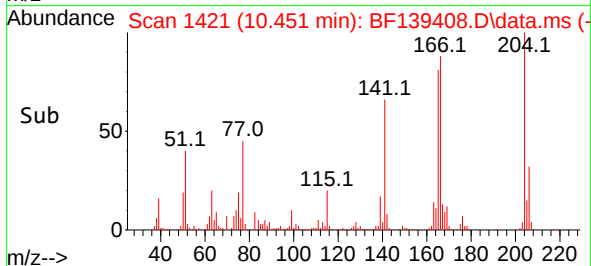
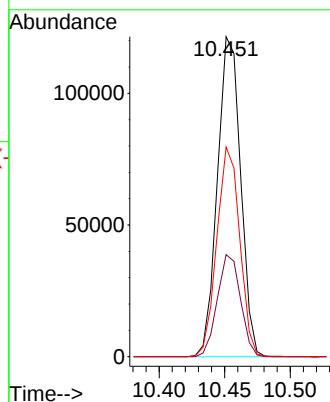
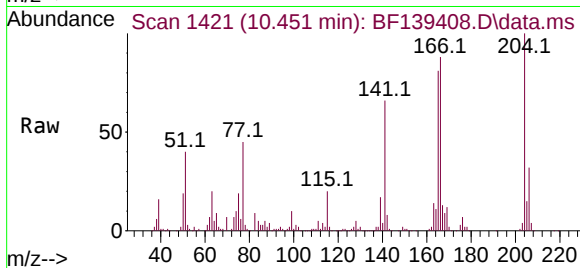




#61
4-Chlorophenyl-phenylether
Concen: 44.554 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

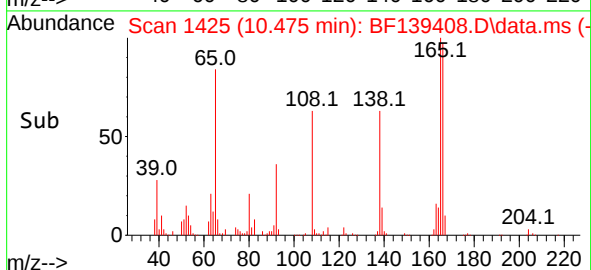
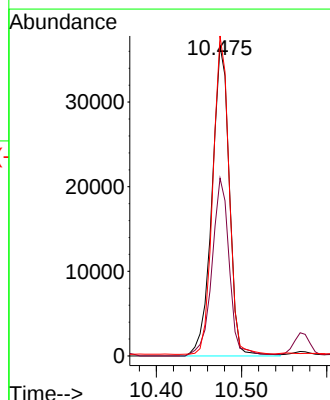
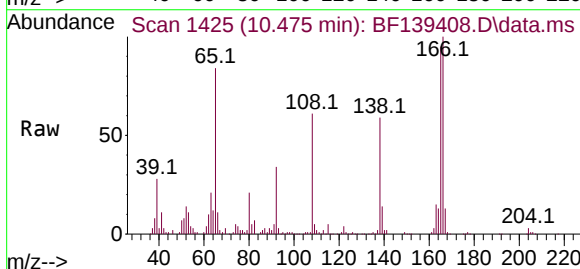
Instrument :
BNA_F
ClientSampleId :
TP-2MS

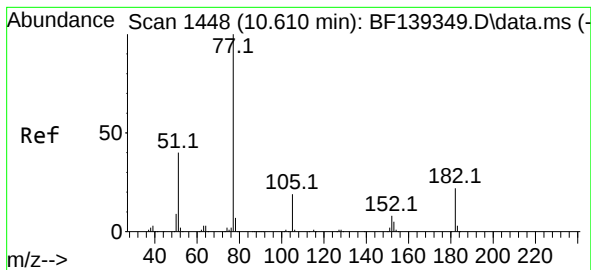
Tgt Ion:204 Resp: 149180
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.2
141 65.5 53.9 80.9



#62
4-Nitroaniline
Concen: 32.657 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:138 Resp: 51920
Ion Ratio Lower Upper
138 100
92 57.3 37.0 77.0
108 103.1 84.4 124.4





#63

Azobenzene

Concen: 47.511 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tgt Ion: 77 Resp: 317300

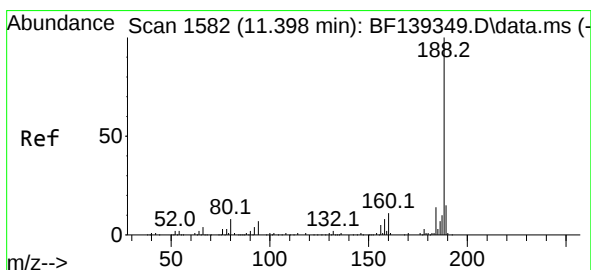
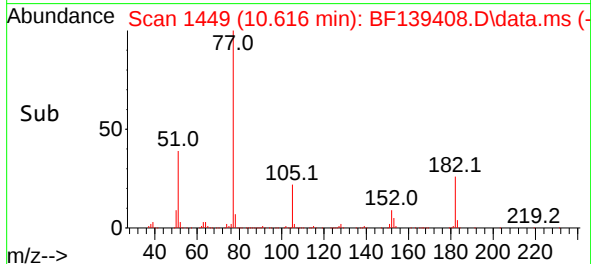
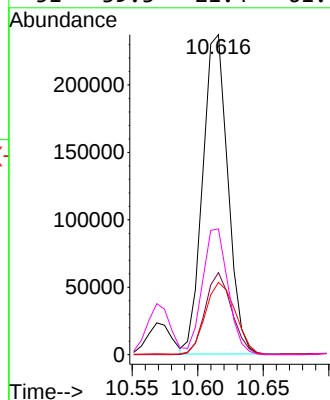
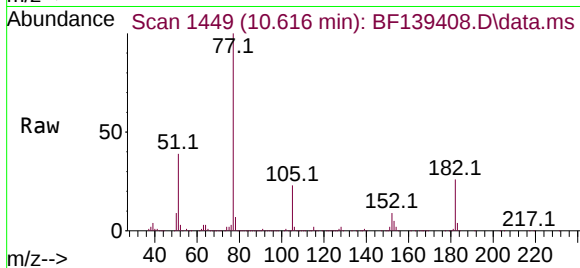
Ion Ratio Lower Upper

77 100

182 25.6 1.8 41.8

105 22.6 0.0 38.6

51 39.3 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: BF139408.D

Acq: 17 Sep 2024 18:04

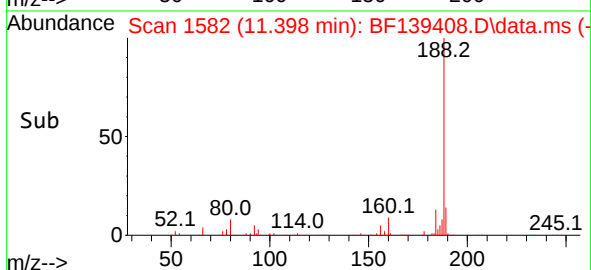
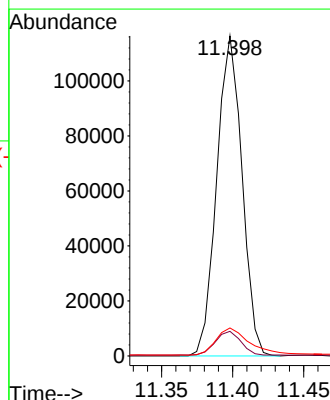
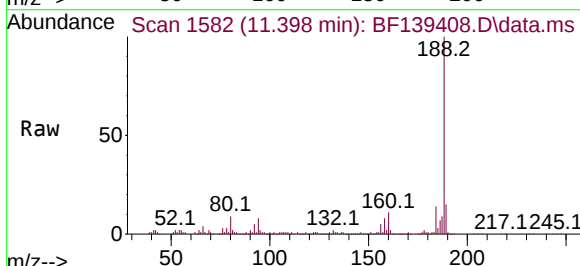
Tgt Ion: 188 Resp: 143841

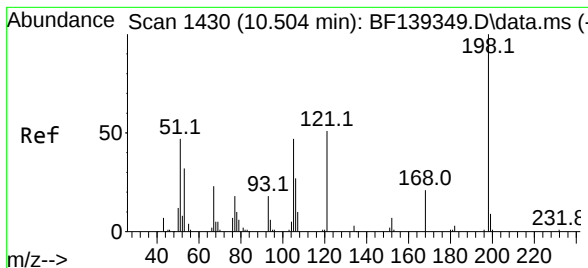
Ion Ratio Lower Upper

188 100

94 7.7 5.5 8.3

80 8.8 6.6 9.8

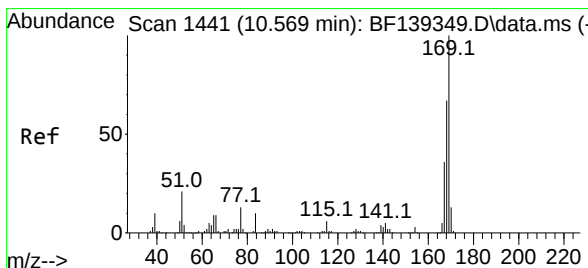
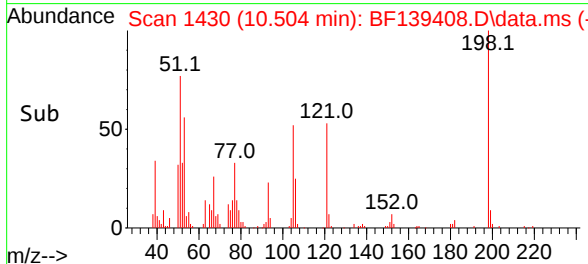
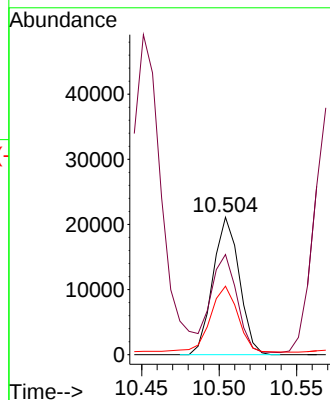
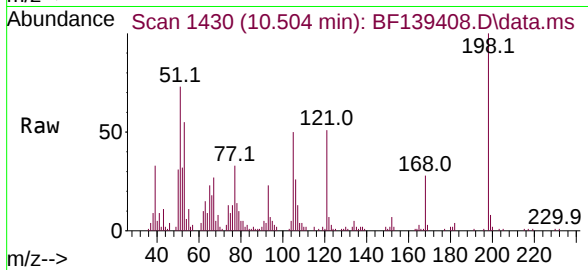




#65
4,6-Dinitro-2-methylphenol
Concen: 32.900 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

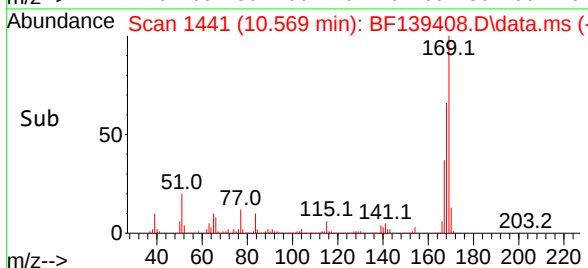
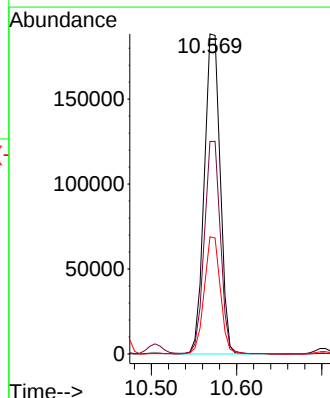
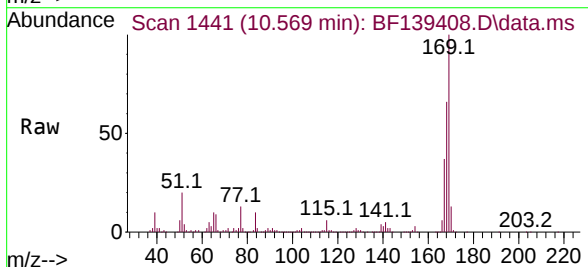
Instrument :
BNA_F
ClientSampleId :
TP-2MS

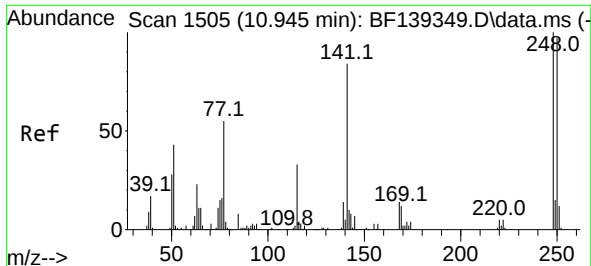
Tgt Ion:198 Resp: 24977
Ion Ratio Lower Upper
198 100
51 72.8 50.4 90.4
105 49.8 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 58.087 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:169 Resp: 244279
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.6 28.7 43.1

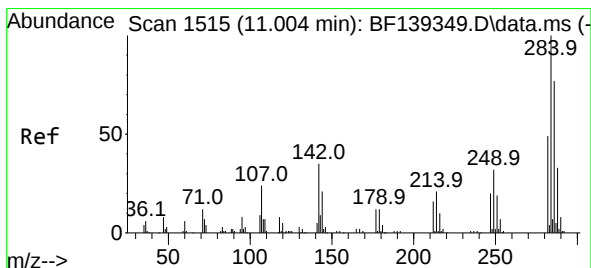
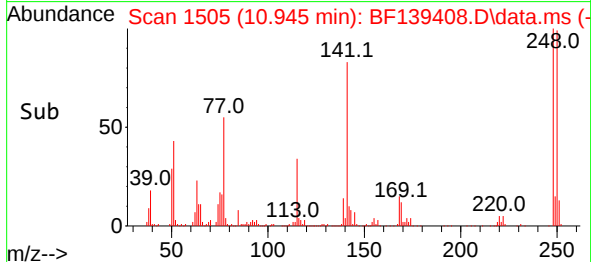
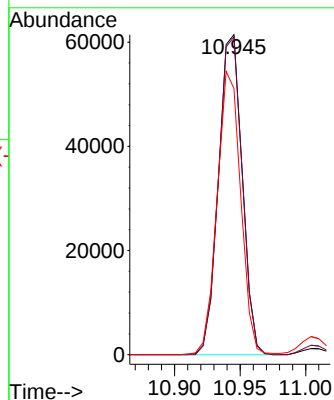
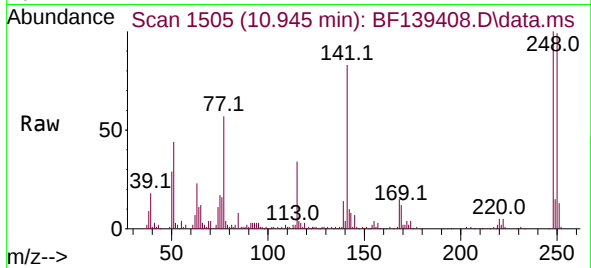




#67
4-Bromophenyl-phenylether
Concen: 54.050 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

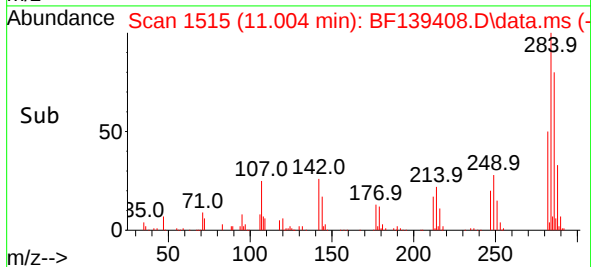
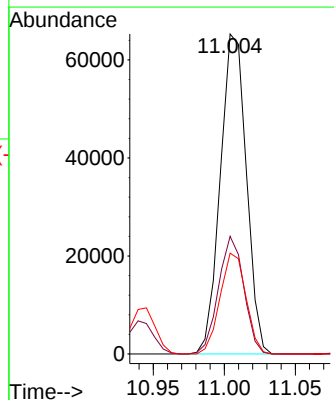
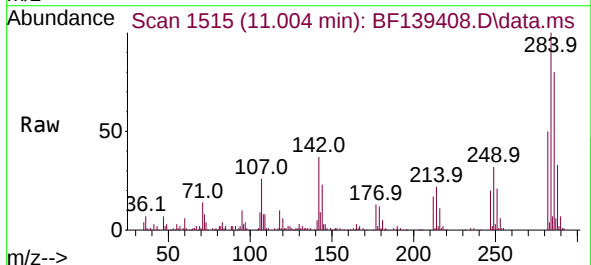
Instrument :
BNA_F
ClientSampleId :
TP-2MS

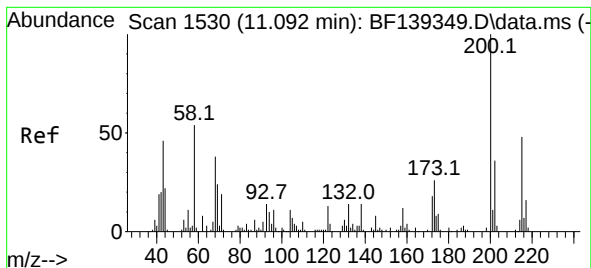
Tgt Ion:248 Resp: 77044
Ion Ratio Lower Upper
248 100
250 99.3 77.6 116.4
141 83.2 66.9 100.3



#68
Hexachlorobenzene
Concen: 49.822 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:284 Resp: 83349
Ion Ratio Lower Upper
284 100
142 36.8 28.0 42.0
249 31.5 25.3 37.9





#69

Atrazine

Concen: 72.917 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

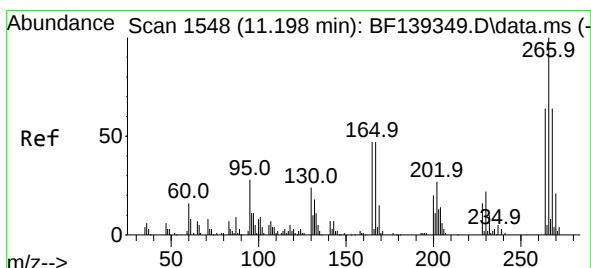
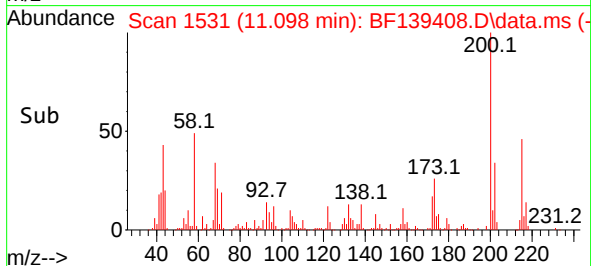
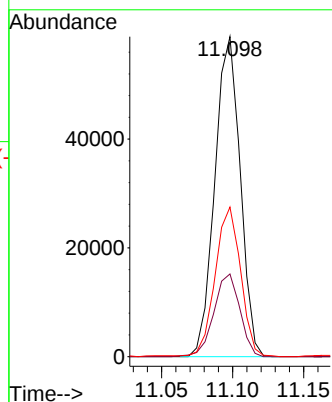
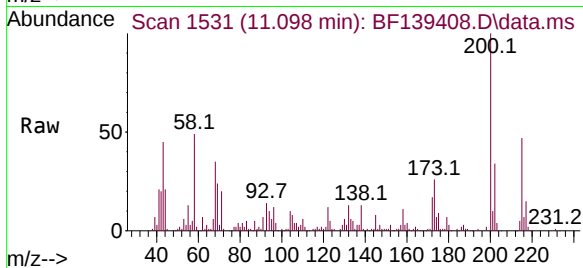
Tgt Ion:200 Resp: 73003

Ion Ratio Lower Upper

200 100

173 25.9 6.1 46.1

215 46.7 28.2 68.2



#70

Pentachlorophenol

Concen: 97.381 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

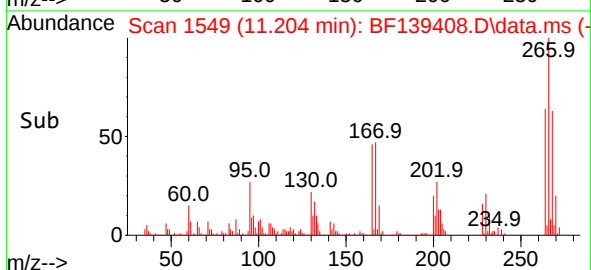
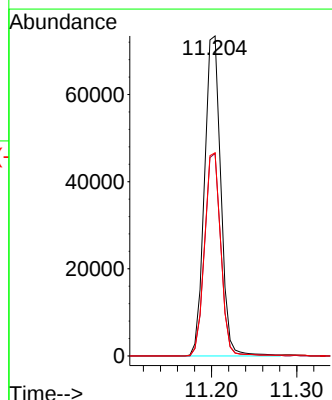
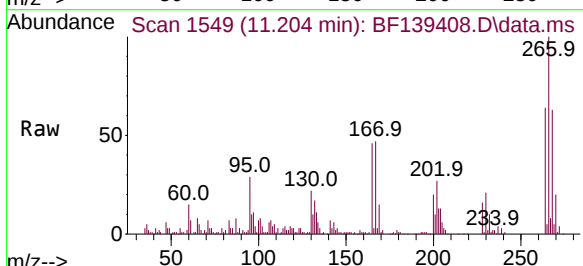
Tgt Ion:266 Resp: 97753

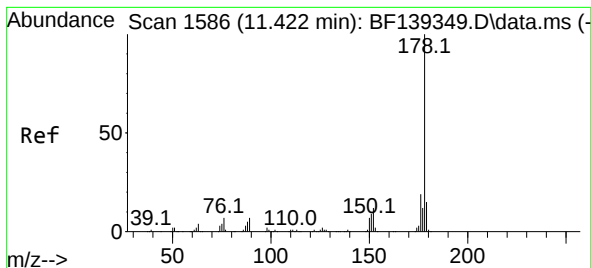
Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

264 63.5 51.4 77.0





#71

Phenanthrene

Concen: 55.944 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

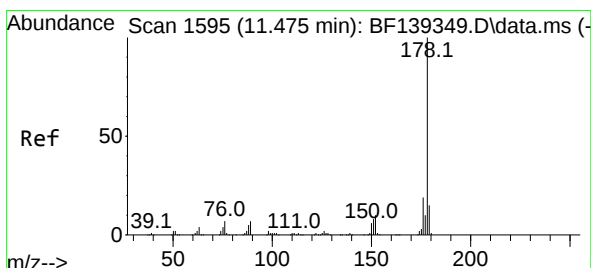
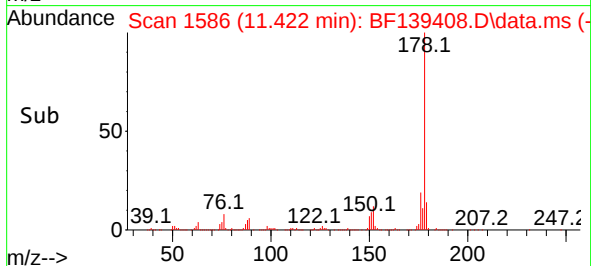
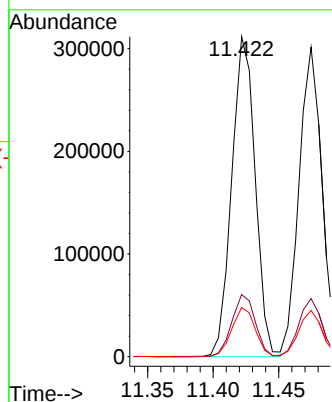
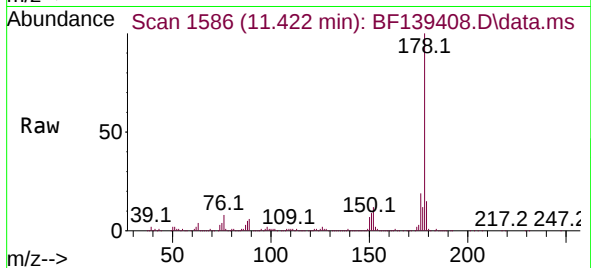
Tgt Ion:178 Resp: 388238

Ion Ratio Lower Upper

178 100

176 19.4 15.2 22.8

179 15.3 12.2 18.4



#72

Anthracene

Concen: 53.609 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

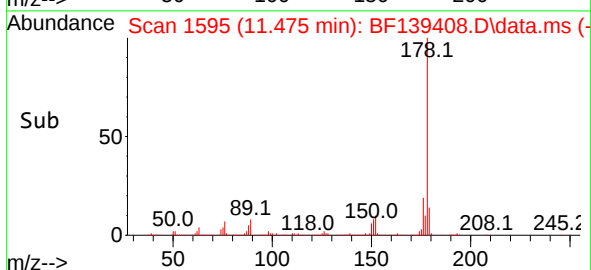
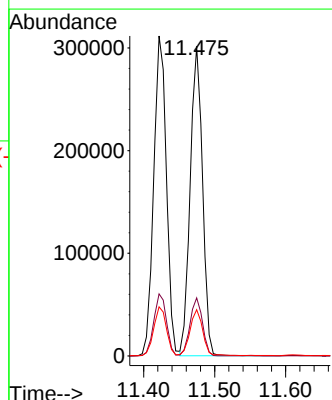
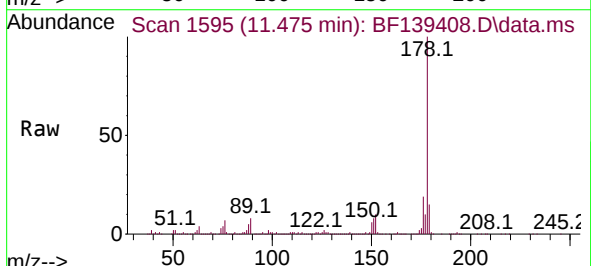
Tgt Ion:178 Resp: 363745

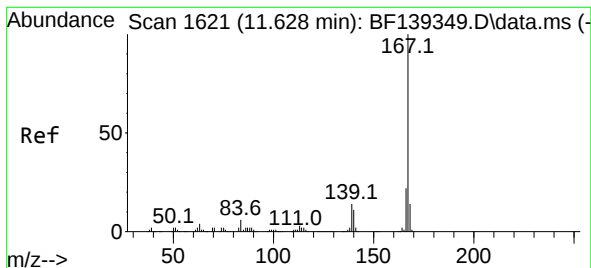
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.0 12.0 18.0





#73

Carbazole

Concen: 50.283 ng

RT: 11.628 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

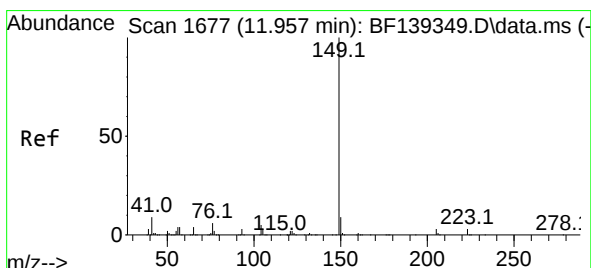
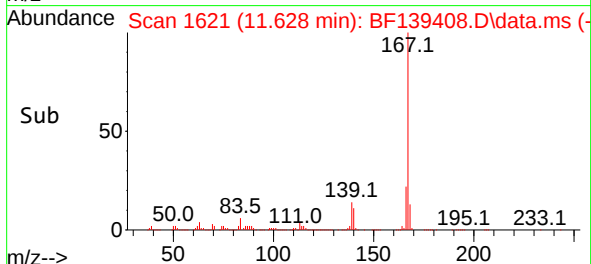
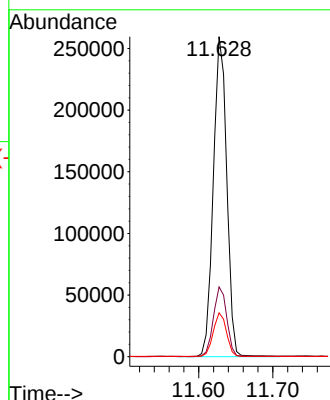
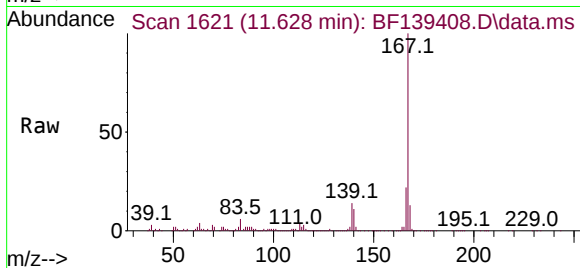
Tgt Ion:167 Resp: 326541

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 13.7 10.9 16.3



#74

Di-n-butylphthalate

Concen: 54.863 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

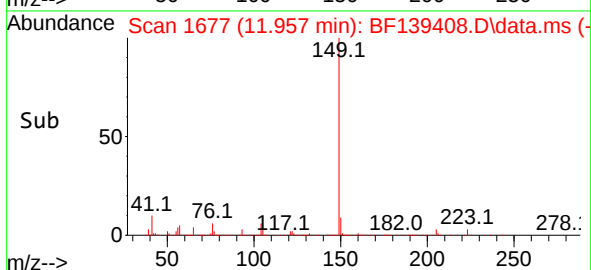
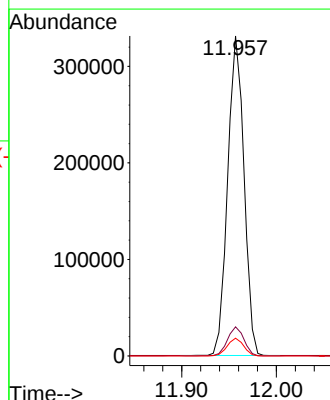
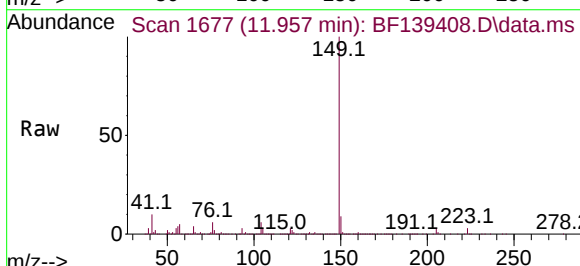
Tgt Ion:149 Resp: 396886

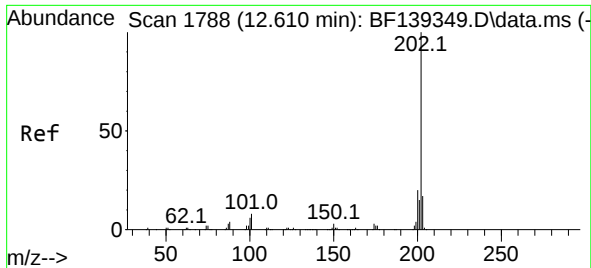
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.5 4.3 6.5

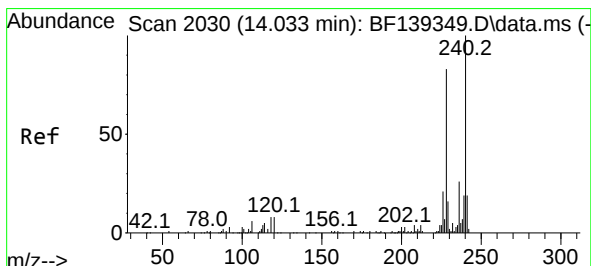
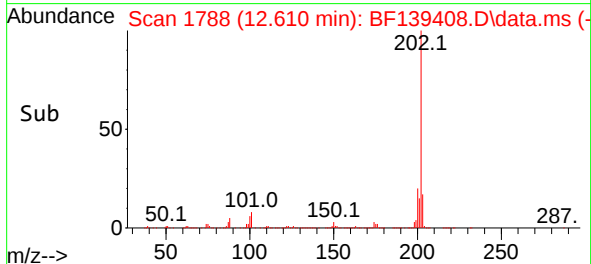
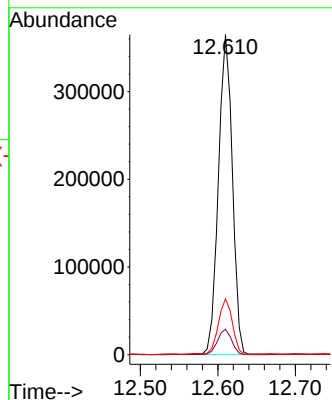
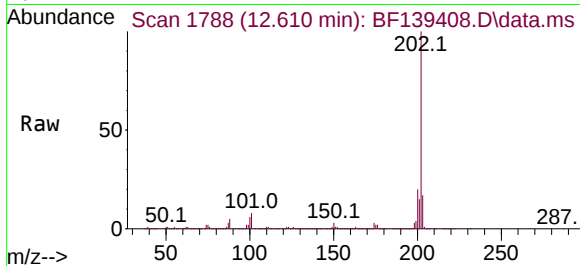




#75
Fluoranthene
Concen: 61.378 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

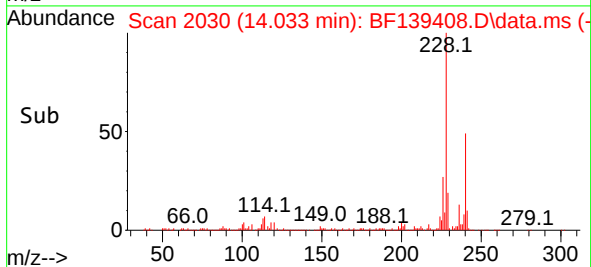
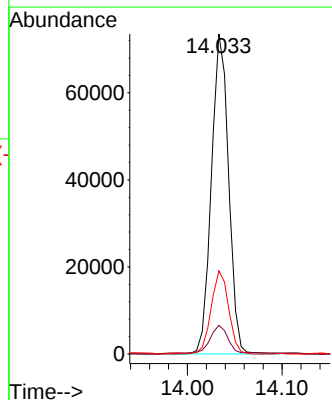
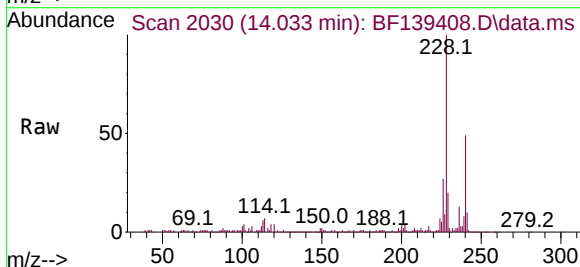
Instrument :
BNA_F
ClientSampleId :
TP-2MS

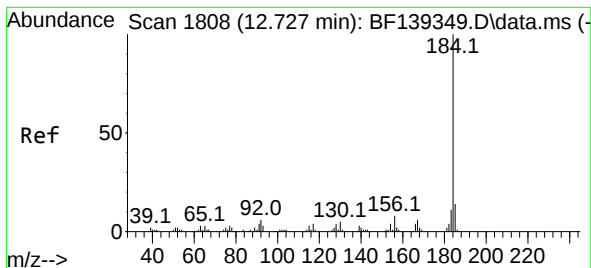
Tgt Ion:202 Resp: 454875
Ion Ratio Lower Upper
202 100
101 8.0 0.0 27.7
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:240 Resp: 92962
Ion Ratio Lower Upper
240 100
120 9.0 6.2 9.2
236 25.9 20.9 31.3





#77

Benzidine

Concen: 73.210 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

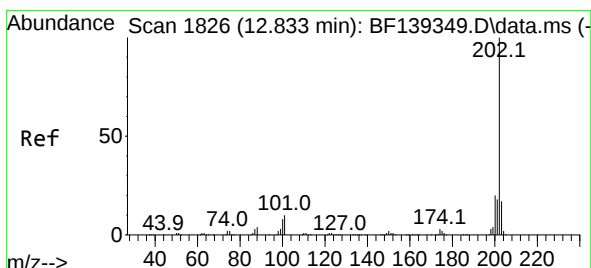
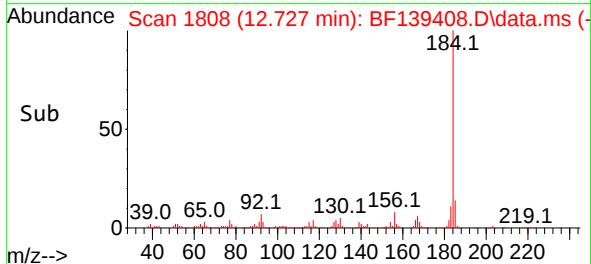
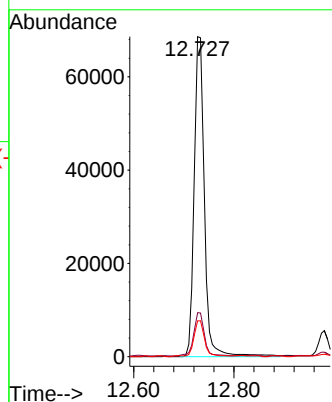
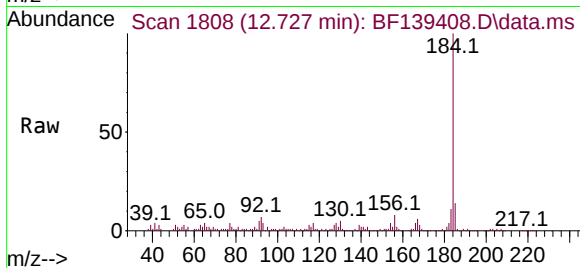
Tgt Ion:184 Resp: 97506

Ion Ratio Lower Upper

184 100

185 13.7 11.5 17.3

183 11.2 8.9 13.3



#78

Pyrene

Concen: 58.092 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

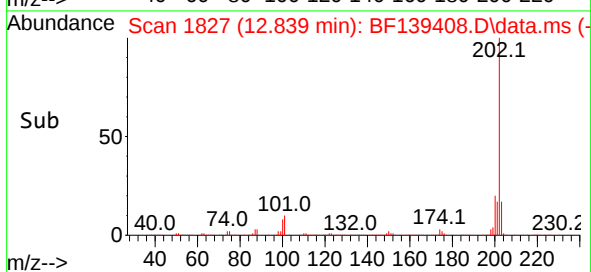
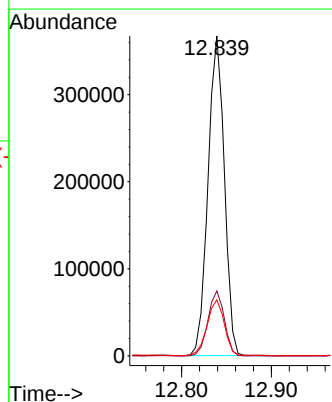
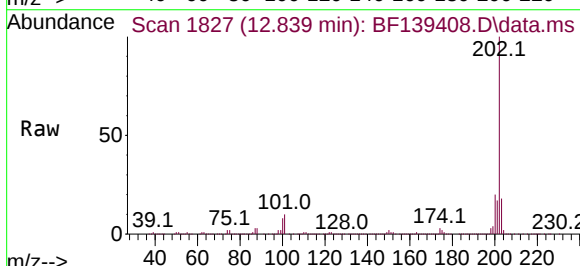
Tgt Ion:202 Resp: 463693

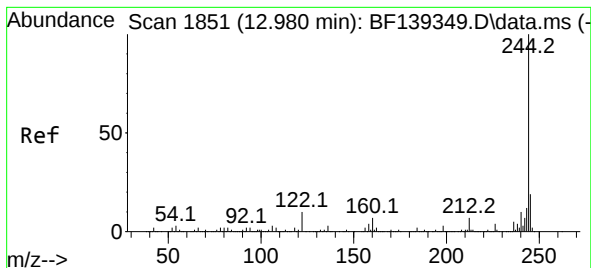
Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 79.212 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

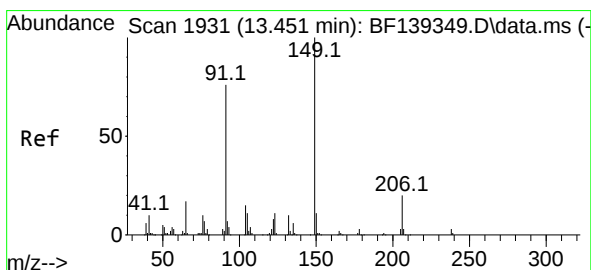
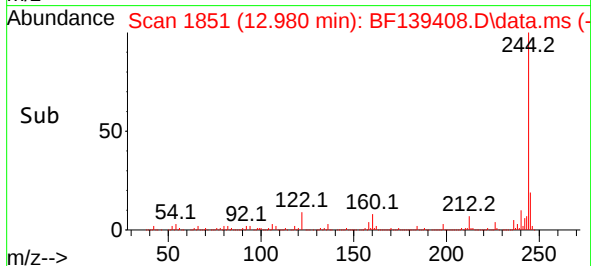
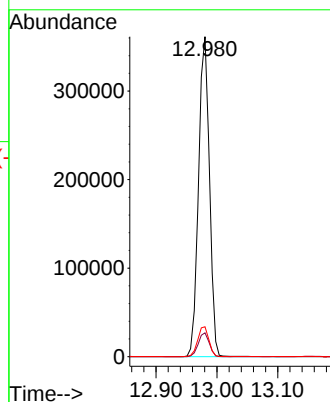
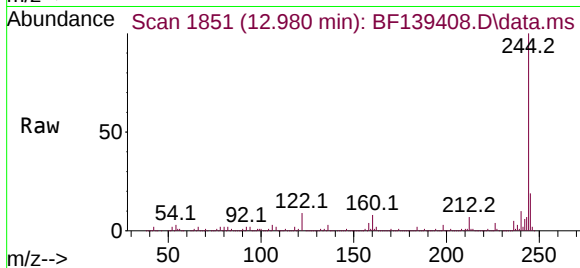
Tgt Ion:244 Resp: 448624

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.3 7.6 11.4



#80

Butylbenzylphthalate

Concen: 60.227 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

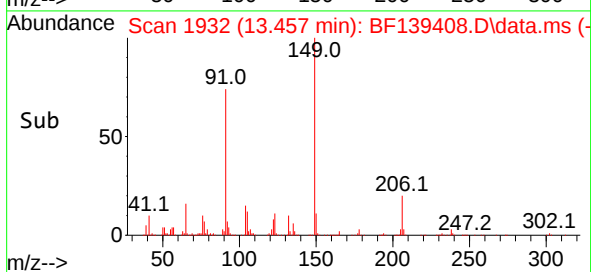
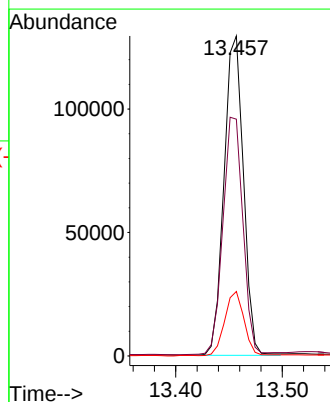
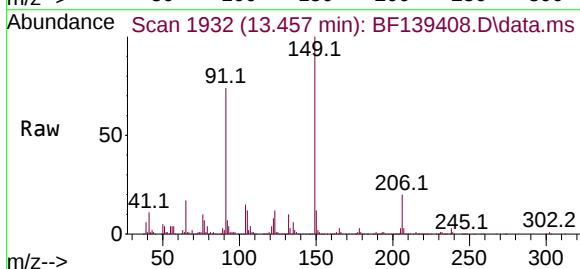
Tgt Ion:149 Resp: 163632

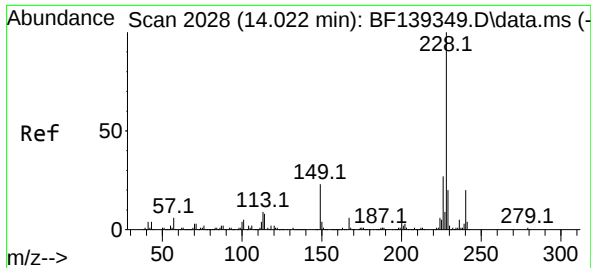
Ion Ratio Lower Upper

149 100

91 74.0 60.9 91.3

206 20.1 15.8 23.8

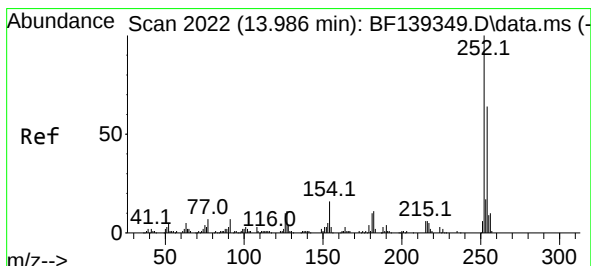
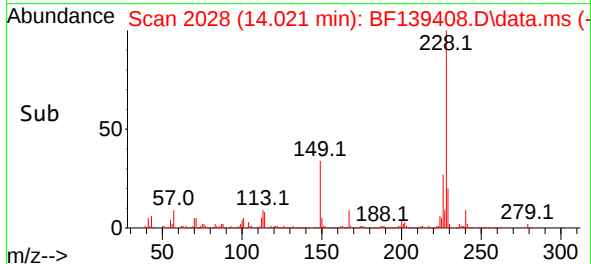
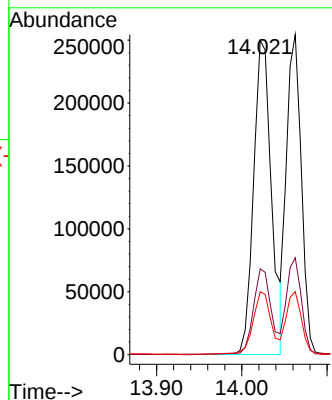
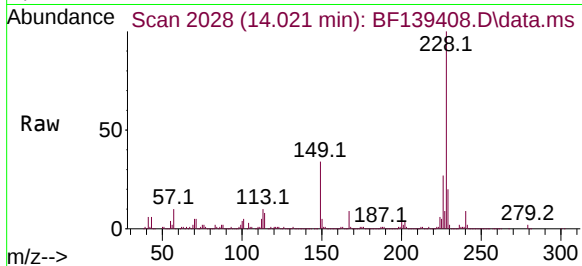




#81
Benzo(a)anthracene
Concen: 58.961 ng
RT: 14.021 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

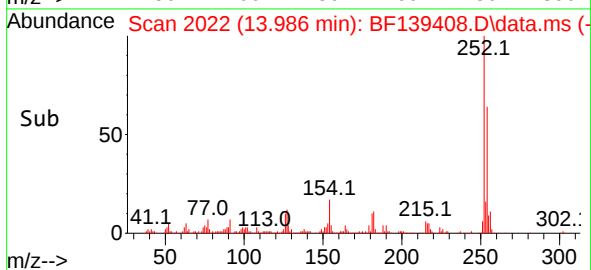
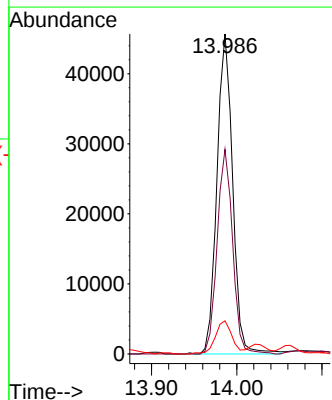
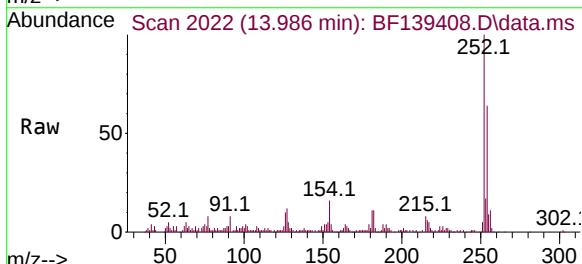
Instrument :
BNA_F
ClientSampleId :
TP-2MS

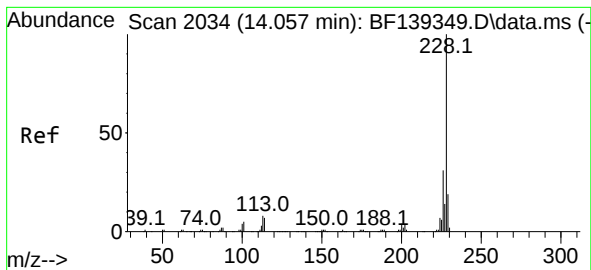
Tgt Ion:228 Resp: 363067
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 32.438 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139408.D
Acq: 17 Sep 2024 18:04

Tgt Ion:252 Resp: 58495
Ion Ratio Lower Upper
252 100
254 64.0 51.4 77.2
126 10.4 7.7 11.5





#83

Chrysene

Concen: 53.874 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

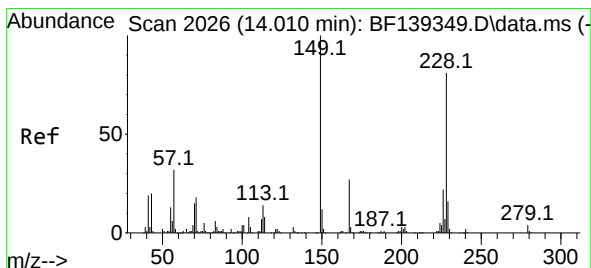
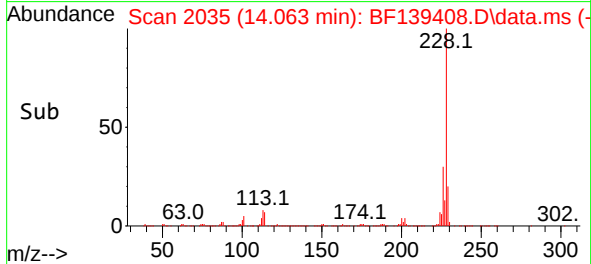
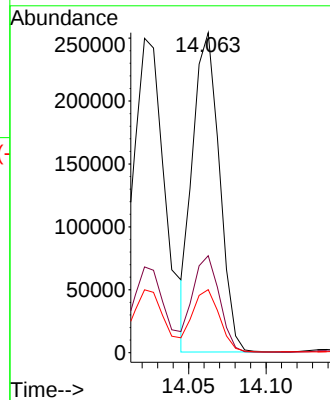
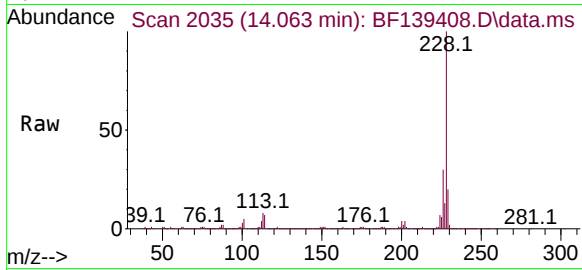
Tgt Ion:228 Resp: 305208

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.7 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.664 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

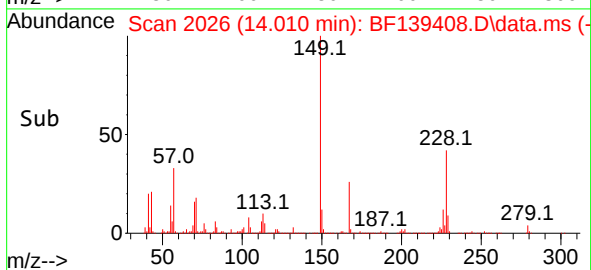
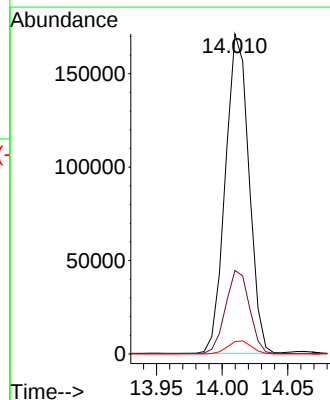
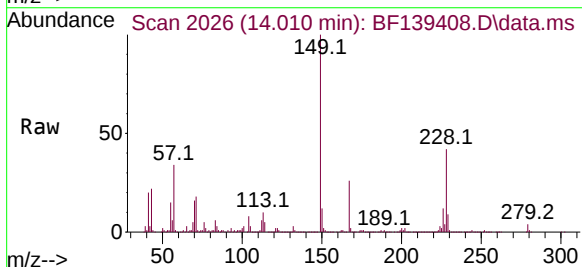
Tgt Ion:149 Resp: 213127

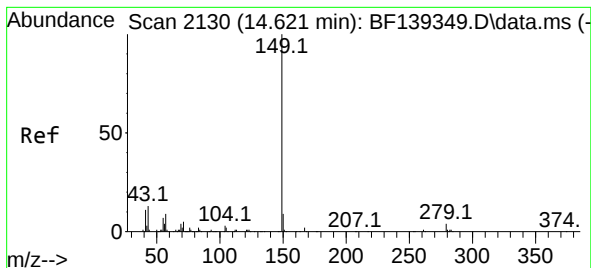
Ion Ratio Lower Upper

149 100

167 26.1 21.6 32.4

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 60.736 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

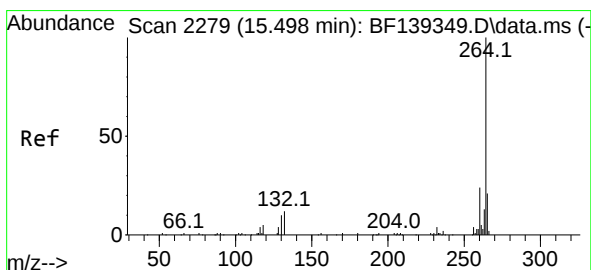
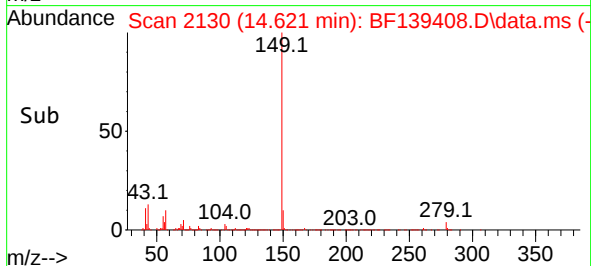
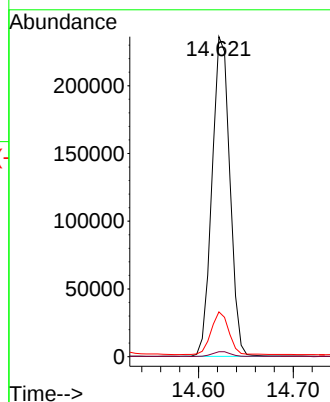
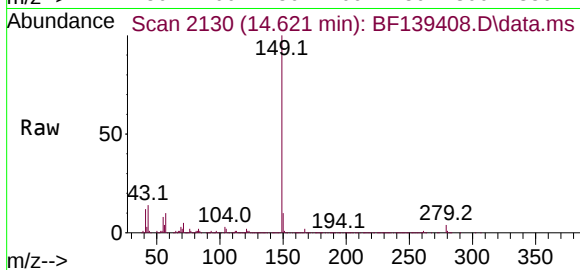
Tgt Ion:149 Resp: 309152

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 13.2 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

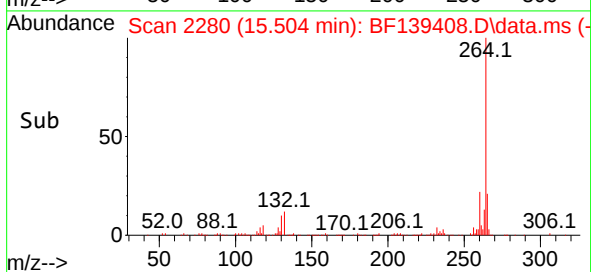
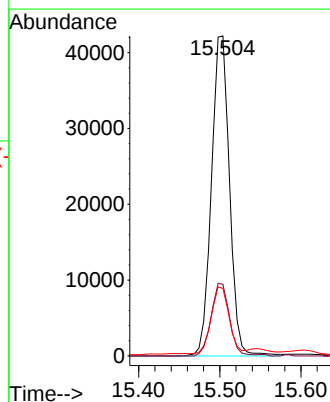
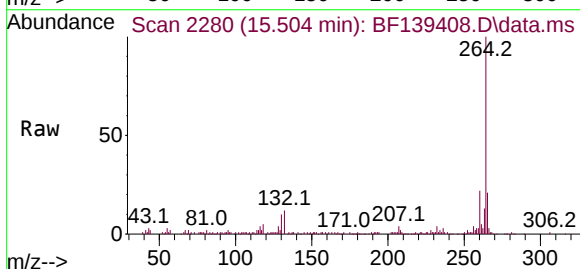
Tgt Ion:264 Resp: 65242

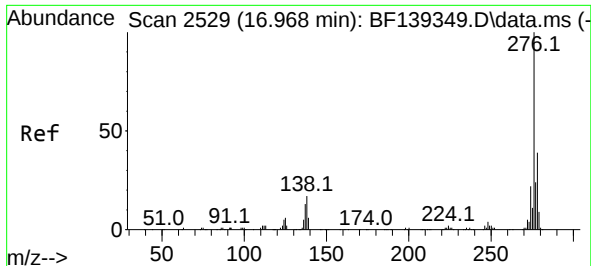
Ion Ratio Lower Upper

264 100

260 22.4 19.5 29.3

265 21.1 16.6 25.0

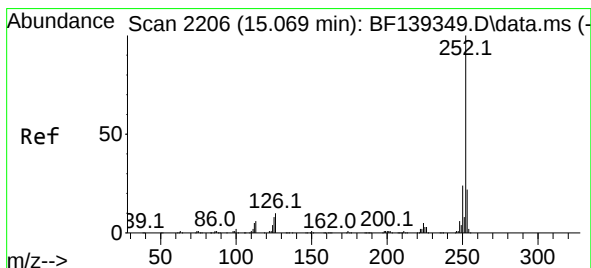
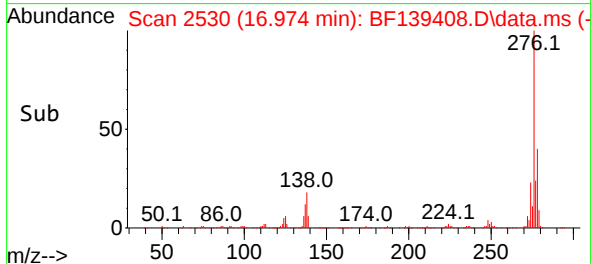
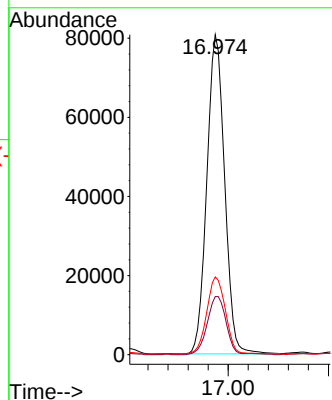
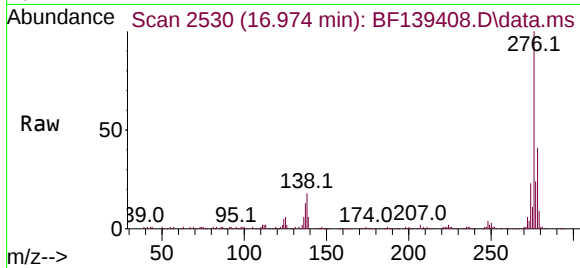




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.206 ng
 RT: 16.974 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF139408.D
 Acq: 17 Sep 2024 18:04

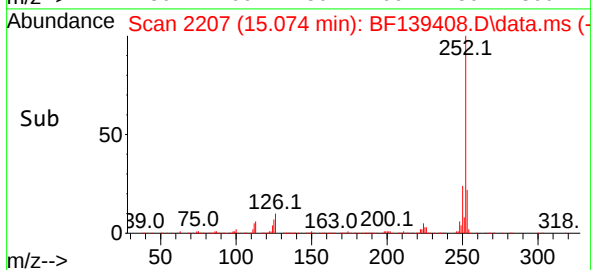
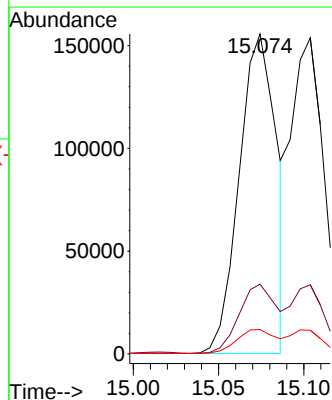
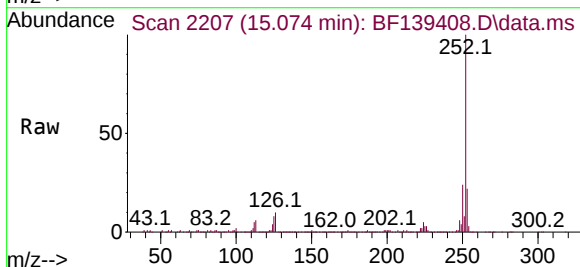
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

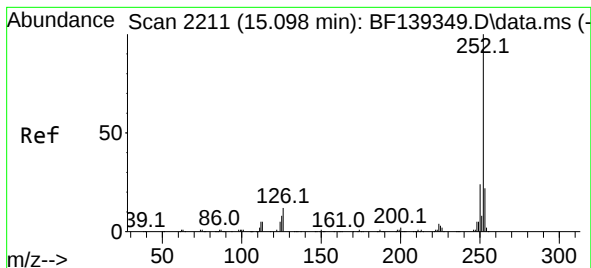
Tgt Ion:276 Resp: 198653
 Ion Ratio Lower Upper
 276 100
 138 19.2 15.4 23.2
 277 25.2 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 58.410 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: BF139408.D
 Acq: 17 Sep 2024 18:04

Tgt Ion:252 Resp: 235023
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.6 26.4
 125 7.7 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 55.612 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

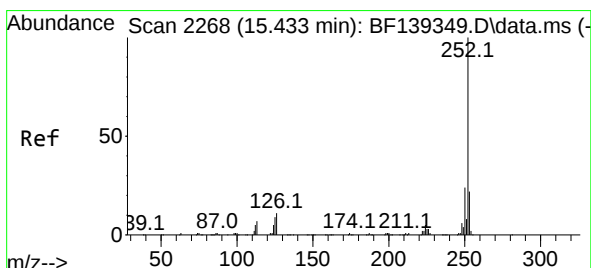
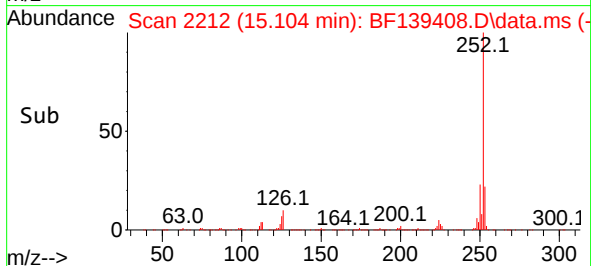
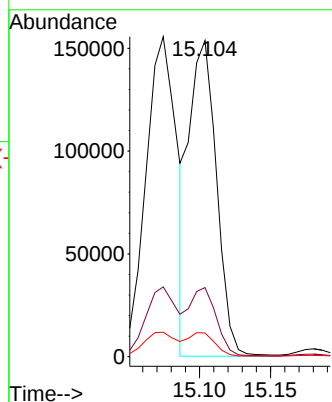
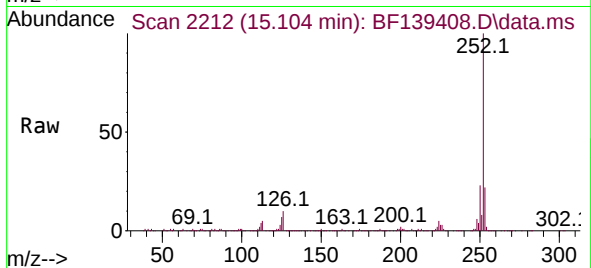
Tgt Ion:252 Resp: 206320

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 7.5 5.9 8.9



#90

Benzo(a)pyrene

Concen: 58.321 ng

RT: 15.439 min Scan# 2269

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

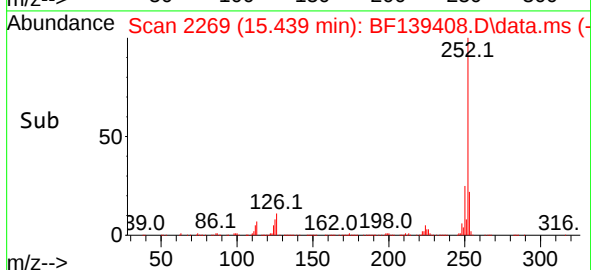
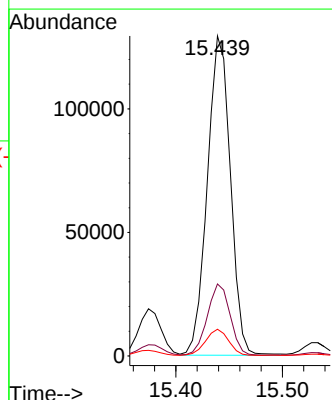
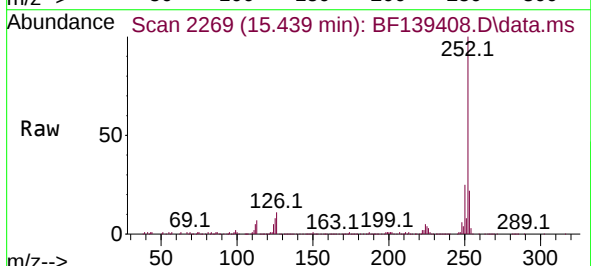
Tgt Ion:252 Resp: 194622

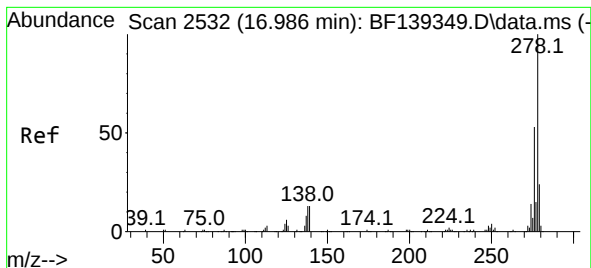
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 8.3 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 47.312 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Instrument :

BNA_F

ClientSampleId :

TP-2MS

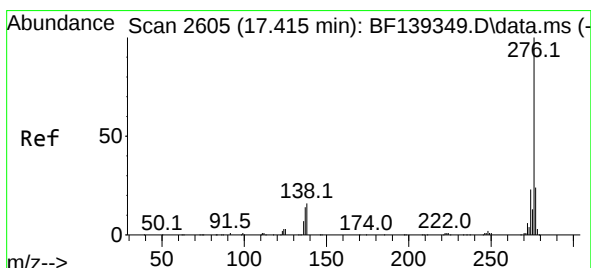
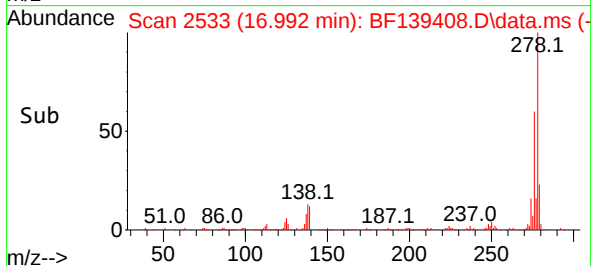
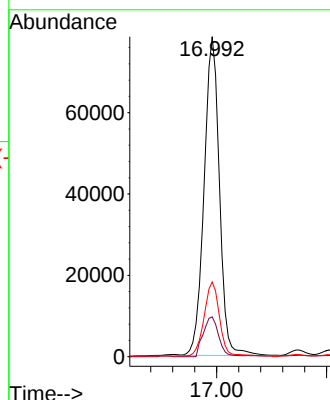
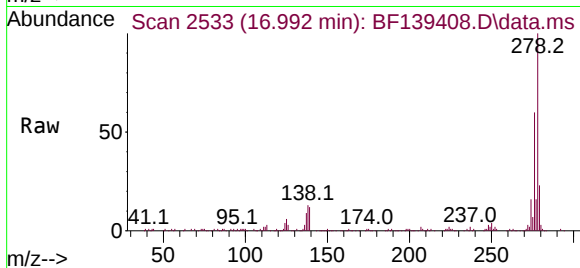
Tgt Ion:278 Resp: 151667

Ion Ratio Lower Upper

278 100

139 12.4 10.2 15.2

279 23.4 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 49.061 ng

RT: 17.421 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF139408.D

Acq: 17 Sep 2024 18:04

Tgt Ion:276 Resp: 155724

Ion Ratio Lower Upper

276 100

277 22.7 18.9 28.3

138 16.8 13.0 19.6

