

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139544.D
 Acq On : 25 Sep 2024 22:37
 Operator : RC/JU
 Sample : P4178-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ231MS

Quant Time: Sep 26 01:30:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72390	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	259290	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	123749	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	204540	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	122880	20.000	ng	# 0.01
86) Perylene-d12	15.515	264	98310	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	403781	90.994	ng	0.01
7) Phenol-d6	6.510	99	524395	90.034	ng	0.00
23) Nitrobenzene-d5	7.440	82	344384	62.440	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	100081	75.965	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	589179	66.775	ng	0.00
79) Terphenyl-d14	12.986	244	503624	67.272	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	77657	43.620	ng	97
3) Pyridine	3.446	79	197834	50.401	ng	98
4) n-Nitrosodimethylamine	3.405	42	140557	41.314	ng	# 81
6) Aniline	6.540	93	180400	41.042	ng	# 72
8) 2-Chlorophenol	6.663	128	213586	46.759	ng	98
9) Benzaldehyde	6.428	77	38682	11.495	ng	99
10) Phenol	6.528	94	275366	46.420	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	211852	46.987	ng	98
12) 1,3-Dichlorobenzene	6.822	146	226949	43.688	ng	97
13) 1,4-Dichlorobenzene	6.898	146	230298	43.870	ng	98
14) 1,2-Dichlorobenzene	7.045	146	217253	43.797	ng	99
15) Benzyl Alcohol	7.022	79	198989	42.822	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	376025	54.116	ng	95
17) 2-Methylphenol	7.134	107	169593	46.731	ng	97
18) Hexachloroethane	7.387	117	78642	39.331	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	158617	45.956	ng	97
20) 3+4-Methylphenols	7.287	107	213424	43.105	ng	# 85
22) Acetophenone	7.287	105	299661	44.207	ng	97
24) Nitrobenzene	7.463	77	240391	42.348	ng	96
25) Isophorone	7.698	82	413908	47.451	ng	99
26) 2-Nitrophenol	7.775	139	105057	47.503	ng	92
27) 2,4-Dimethylphenol	7.816	122	158628	54.376	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	247898	49.866	ng	98
29) 2,4-Dichlorophenol	8.022	162	167783	45.273	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	181245	41.973	ng	99
31) Naphthalene	8.181	128	606727	44.822	ng	99
32) Benzoic acid	7.922	122	94399	34.578	ng	93
33) 4-Chloroaniline	8.234	127	51237	12.373	ng	97
34) Hexachlorobutadiene	8.298	225	119989	40.900	ng	100
35) Caprolactam	8.598	113	51058	44.787	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	171116	40.401	ng	96
37) 2-Methylnaphthalene	8.875	142	382661	44.537	ng	98
38) 1-Methylnaphthalene	8.975	142	341499	40.484	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	176490	48.122	ng	99
41) Hexachlorocyclopentadiene	9.022	237	69956	54.630	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	113270	47.471	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	114598	45.531	ng	97
46) 1,1'-Biphenyl	9.334	154	459770	48.293	ng	99
47) 2-Chloronaphthalene	9.363	162	331931	46.630	ng	98
48) 2-Nitroaniline	9.457	65	123821	46.767	ng	99
49) Acenaphthylene	9.775	152	572687	53.446	ng	99
50) Dimethylphthalate	9.634	163	392869	48.370	ng	100
51) 2,6-Dinitrotoluene	9.698	165	80211	44.579	ng	92
52) Acenaphthene	9.951	154	336545	45.002	ng	99
53) 3-Nitroaniline	9.869	138	61974	34.464	ng	91
54) 2,4-Dinitrophenol	9.975	184	19503	19.452	ng	89
55) Dibenzofuran	10.122	168	476339	45.698	ng	95
56) 4-Nitrophenol	10.033	139	114945	77.252	ng	# 81
57) 2,4-Dinitrotoluene	10.104	165	101623	41.834	ng	98
58) Fluorene	10.463	166	371185	43.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	87579	42.064	ng	95
60) Diethylphthalate	10.333	149	380643	45.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	175177	42.383	ng	94
62) 4-Nitroaniline	10.481	138	70787	36.069	ng	89
63) Azobenzene	10.616	77	426516	51.737	ng	89
65) 4,6-Dinitro-2-methylph...	10.510	198	15796	14.632	ng	94
66) n-Nitrosodiphenylamine	10.575	169	304066	50.847	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	97399	48.052	ng	97
68) Hexachlorobenzene	11.010	284	105661	44.416	ng	99
69) Atrazine	11.098	200	93286	65.525	ng	97
70) Pentachlorophenol	11.204	266	115096	80.632	ng	98
71) Phenanthrene	11.428	178	609954	61.810	ng	100
72) Anthracene	11.480	178	529128	54.841	ng	100
73) Carbazole	11.633	167	448133	48.529	ng	99
74) Di-n-butylphthalate	11.963	149	525015	51.037	ng	99
75) Fluoranthene	12.616	202	936828	88.896	ng	98
77) Benzidine	12.739	184	88619	50.337	ng	99
78) Pyrene	12.845	202	1007177	95.459	ng	98
80) Butylbenzylphthalate	13.457	149	205173	57.130	ng	99
81) Benzo(a)anthracene	14.033	228	632991	77.767	ng	97
82) 3,3'-Dichlorobenzidine	13.992	252	97529	40.915	ng	99
83) Chrysene	14.069	228	567863	75.832	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	269210	58.926	ng	100
85) Di-n-octyl phthalate	14.627	149	411155	61.109	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	311232	53.240	ng	97
88) Benzo(b)fluoranthene	15.116	252	283881	46.821	ng	98
89) Benzo(k)fluoranthene	15.116	252	283881	50.780	ng	# 97
90) Benzo(a)pyrene	15.457	252	360849	71.762	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	214855	44.479	ng	97
92) Benzo(g,h,i)perylene	17.445	276	245006	51.226	ng	# 97

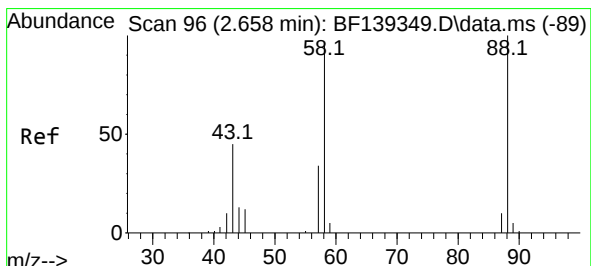
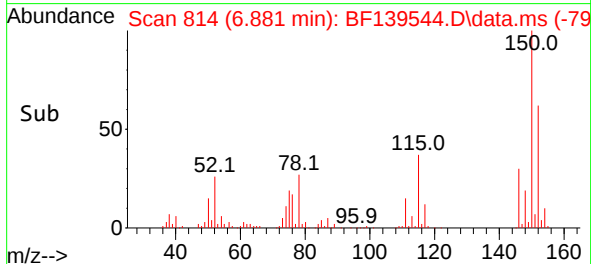
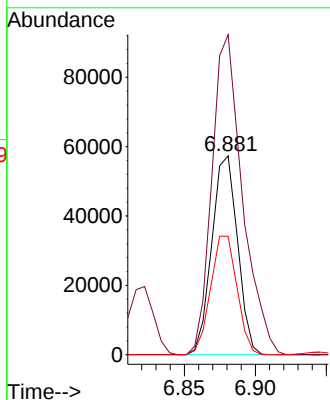
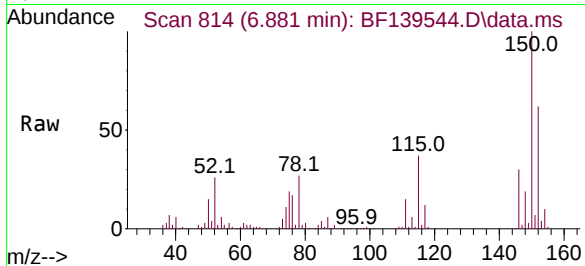
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139544.D
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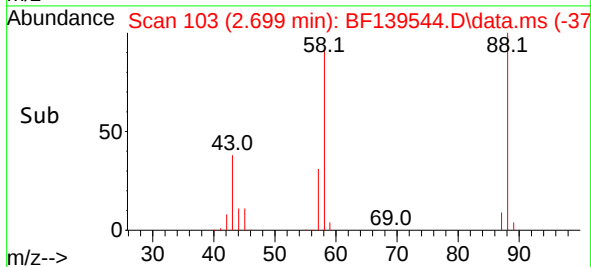
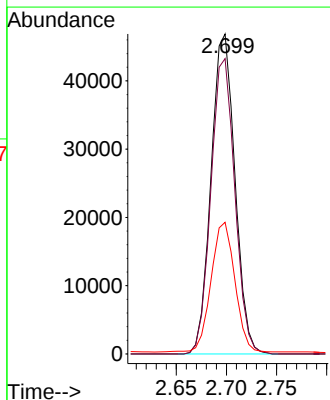
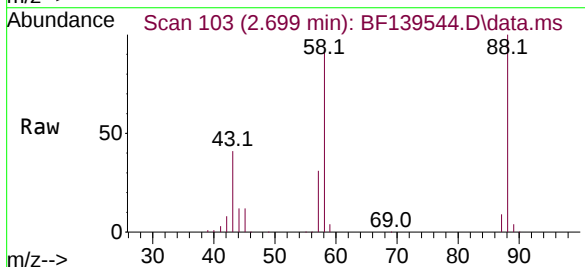
Instrument :
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 VNJ231MS

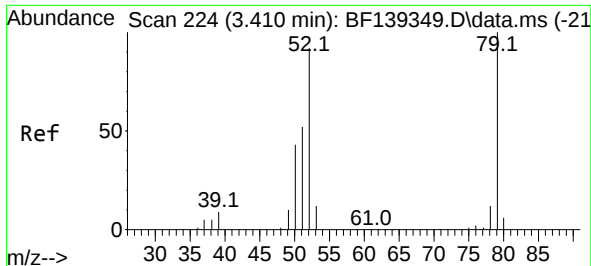
Tgt Ion:152 Resp: 72390
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.1 186.1
 115 59.5 48.1 72.1



#2
 1,4-Dioxane
 Concen: 43.620 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.041 min
 Lab File: BF139544.D
 Acq: 25 Sep 2024 22:37

Tgt Ion: 88 Resp: 77657
 Ion Ratio Lower Upper
 88 100
 58 92.4 74.8 112.2
 43 40.3 36.4 54.6





#3

Pyridine

Concen: 50.401 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

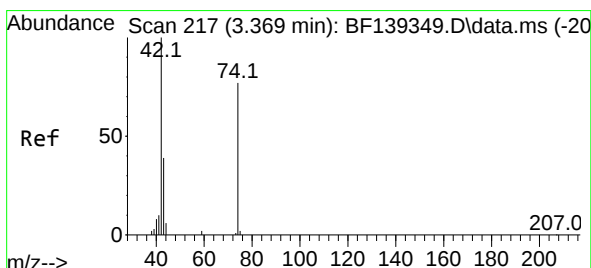
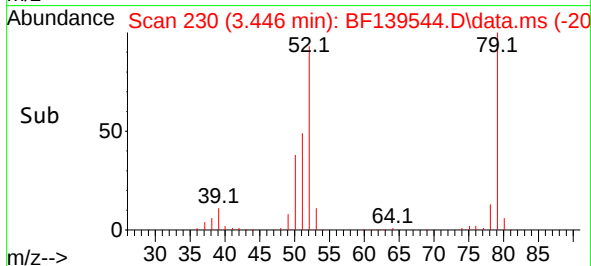
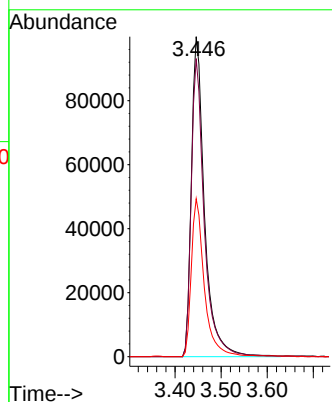
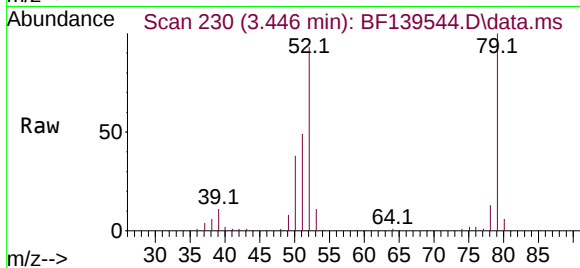
Tgt Ion: 79 Resp: 197834

Ion Ratio Lower Upper

79 100

52 93.1 73.8 110.8

51 49.4 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 41.314 ng

RT: 3.405 min Scan# 223

Delta R.T. 0.035 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

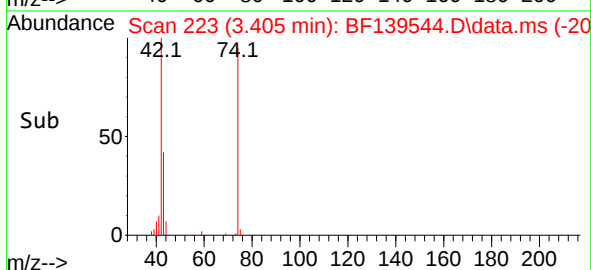
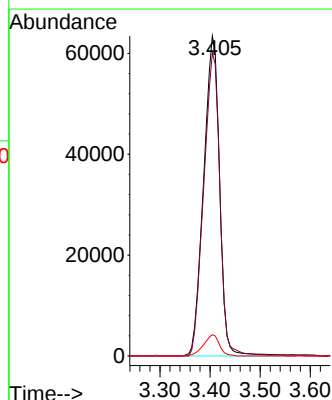
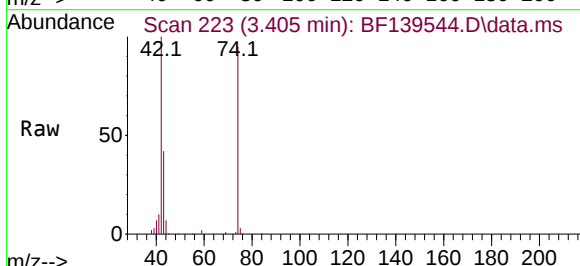
Tgt Ion: 42 Resp: 140557

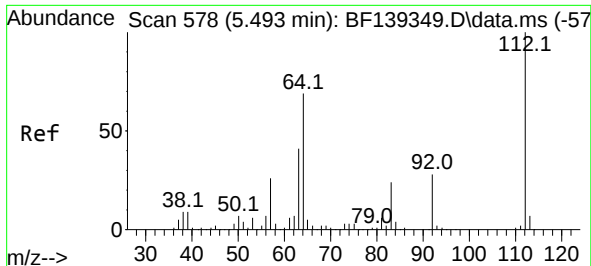
Ion Ratio Lower Upper

42 100

74 94.8 61.8 92.8#

44 6.7 4.8 7.2

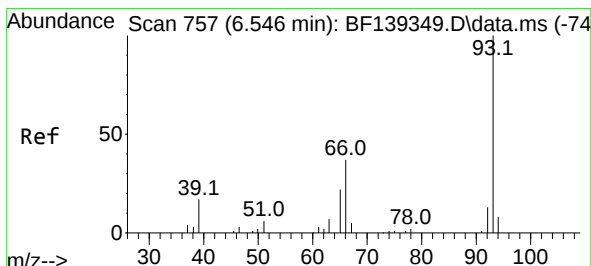
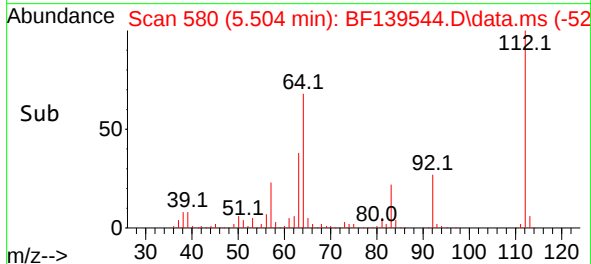
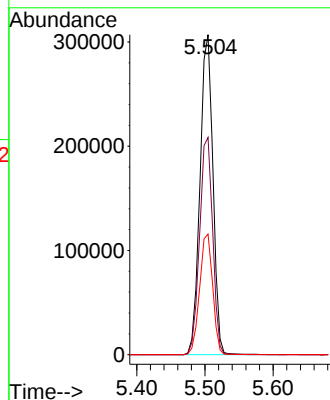
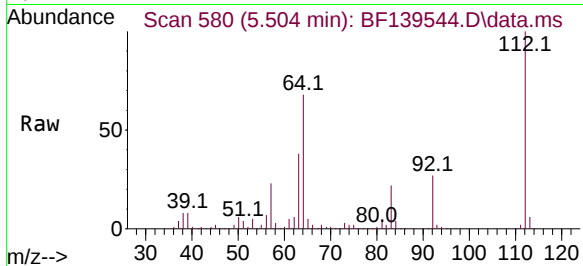




#5
2-Fluorophenol
Concen: 90.994 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

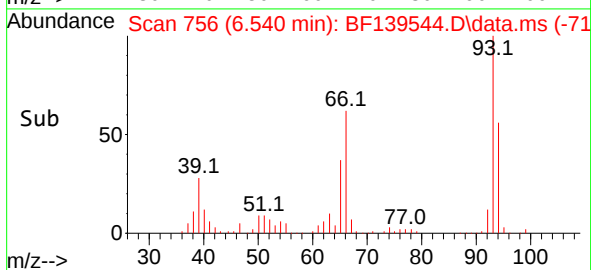
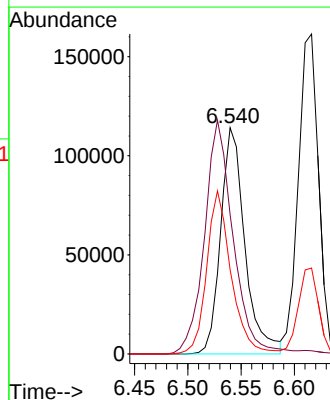
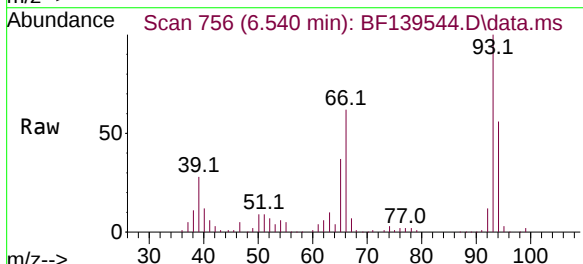
Instrument :
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Tgt Ion:112 Resp: 403781
Ion Ratio Lower Upper
112 100
64 67.9 54.8 82.2
63 37.7 33.0 49.4



#6
Aniline
Concen: 41.042 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion: 93 Resp: 180400
Ion Ratio Lower Upper
93 100
66 61.6 35.4 53.0#
65 37.2 18.2 27.4#

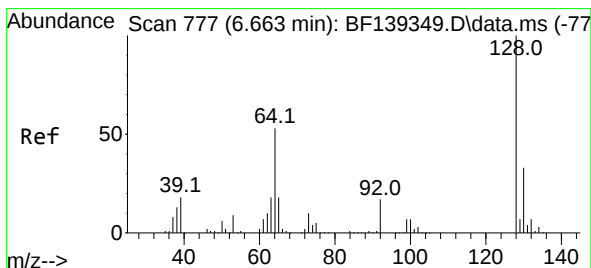
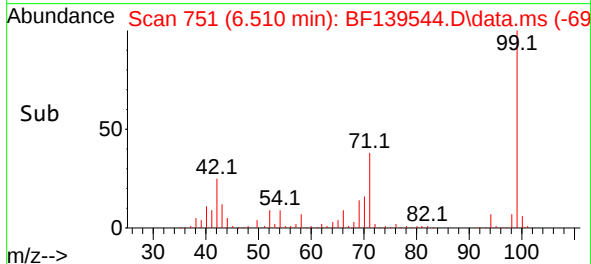
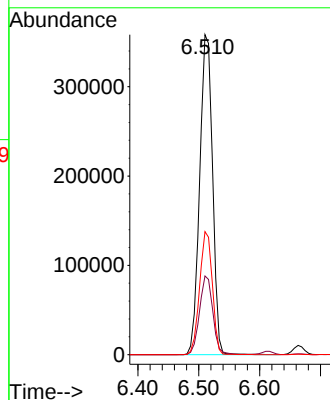
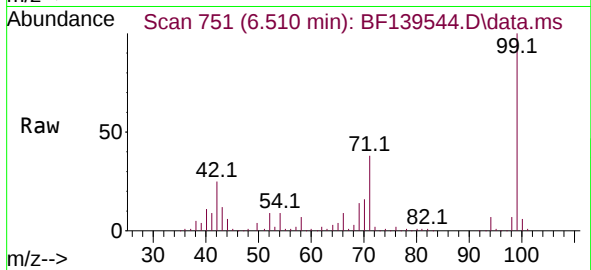




#7
Phenol-d6
Concen: 90.034 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

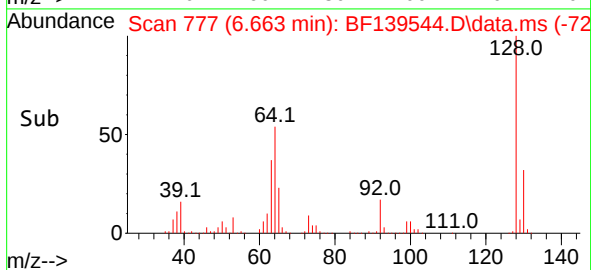
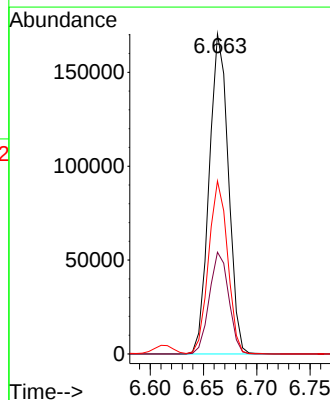
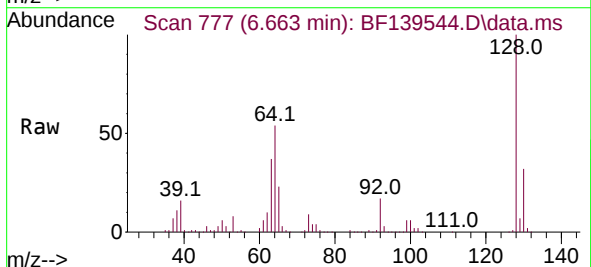
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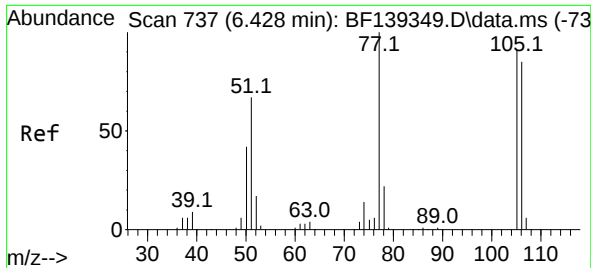
Tgt Ion: 99 Resp: 524395
Ion Ratio Lower Upper
99 100
42 24.6 21.9 32.9
71 38.4 34.6 52.0



#8
2-Chlorophenol
Concen: 46.759 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion: 128 Resp: 213586
Ion Ratio Lower Upper
128 100
130 31.8 12.8 52.8
64 54.0 35.1 75.1





#9

Benzaldehyde

Concen: 11.495 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

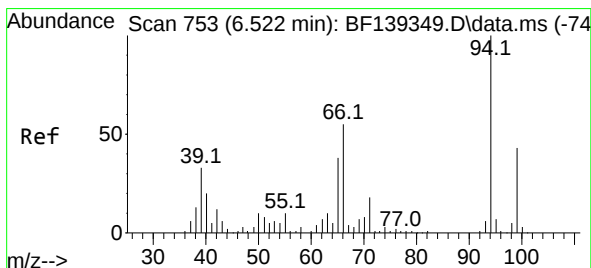
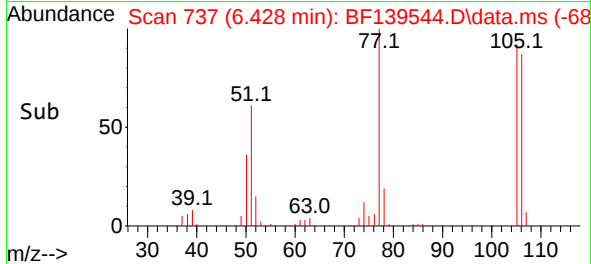
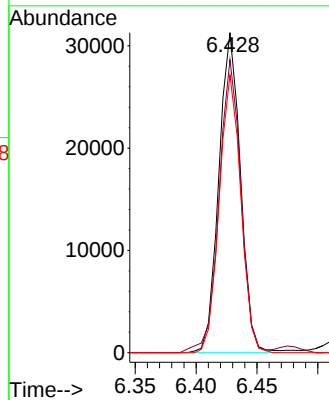
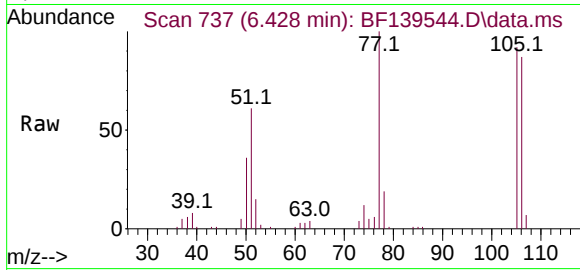
Tgt Ion: 77 Resp: 38682

Ion Ratio Lower Upper

77 100

105 91.6 71.0 111.0

106 86.8 64.9 104.9



#10

Phenol

Concen: 46.420 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

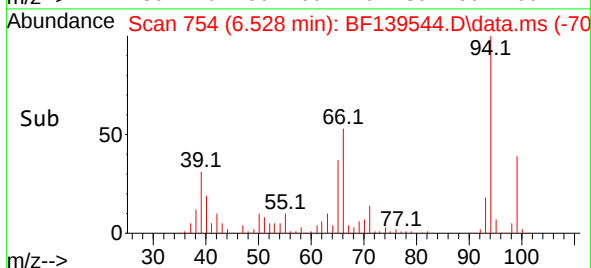
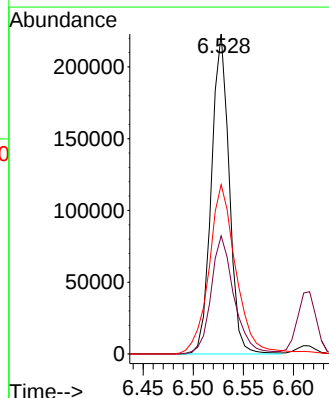
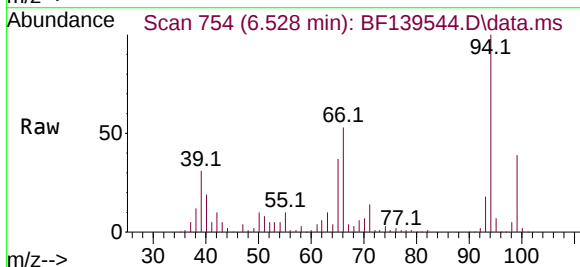
Tgt Ion: 94 Resp: 275366

Ion Ratio Lower Upper

94 100

65 36.9 17.6 57.6

66 52.9 35.2 75.2





#11

bis(2-Chloroethyl)ether

Concen: 46.987 ng

RT: 6.616 min Scan# 769

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

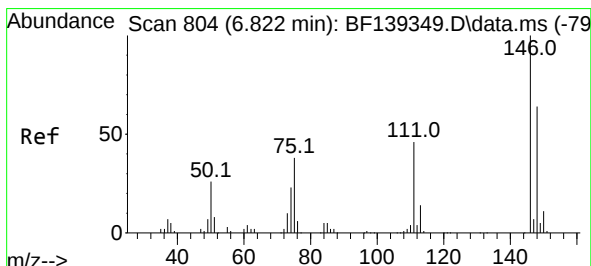
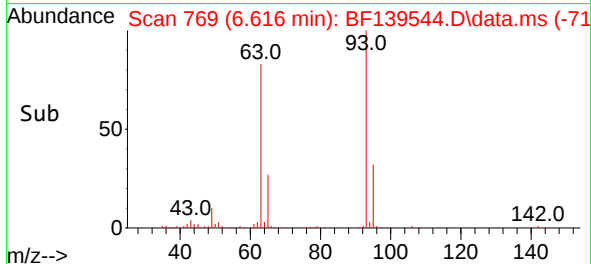
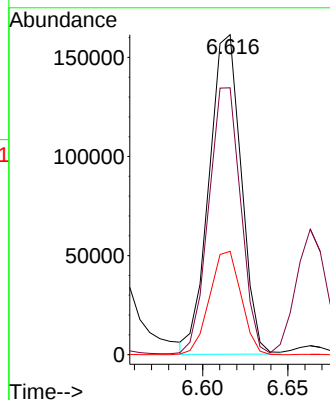
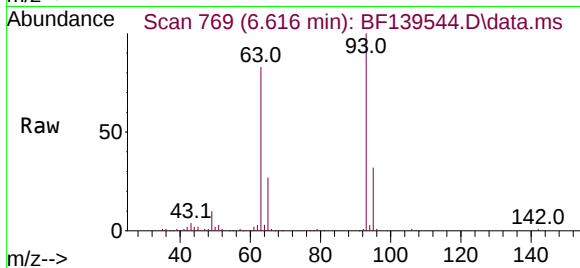
Tgt Ion: 93 Resp: 211852

Ion Ratio Lower Upper

93 100

63 83.4 65.3 105.3

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 43.688 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

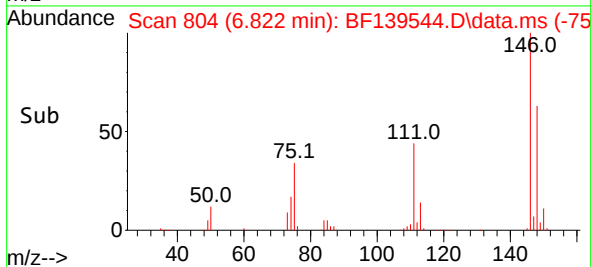
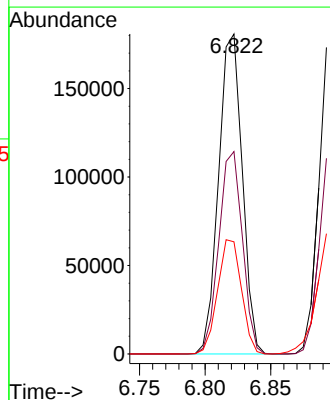
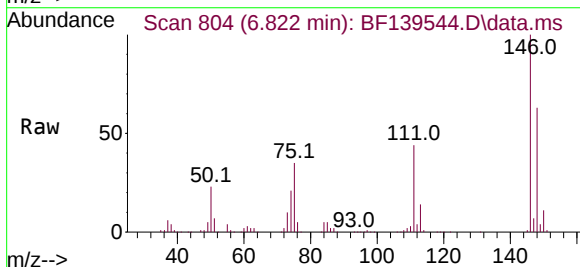
Tgt Ion: 146 Resp: 226949

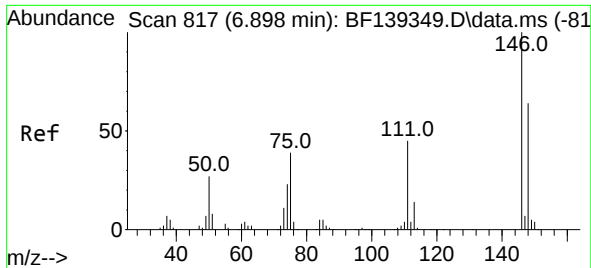
Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

75 35.1 30.6 46.0

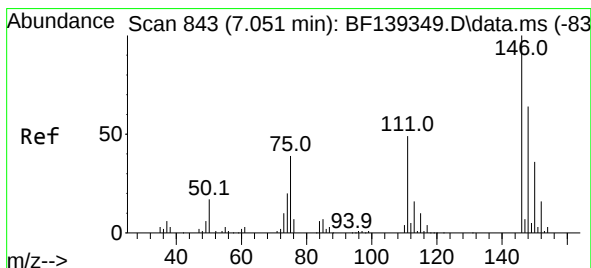
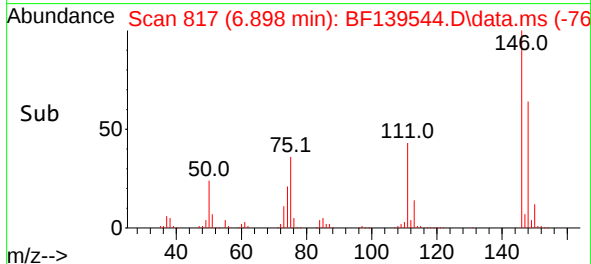
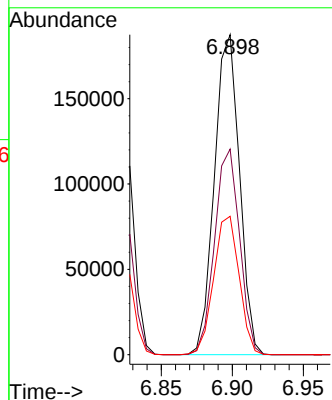
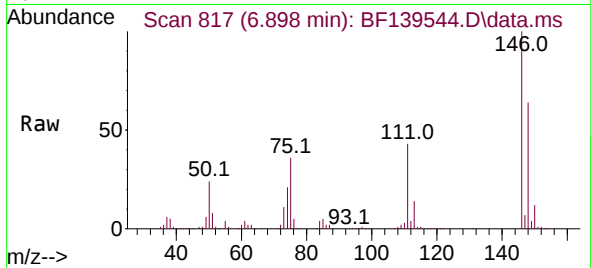




#13
1,4-Dichlorobenzene
Concen: 43.870 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

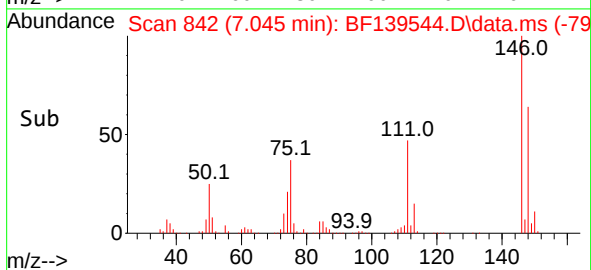
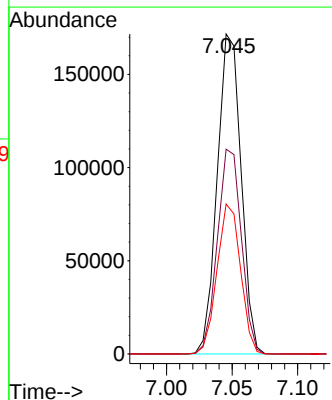
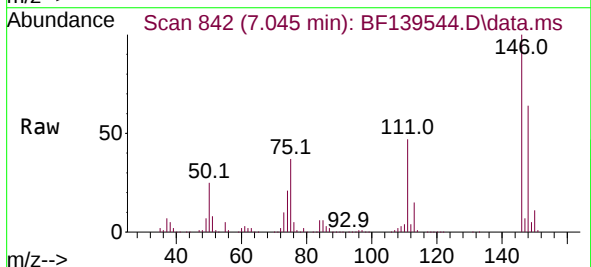
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

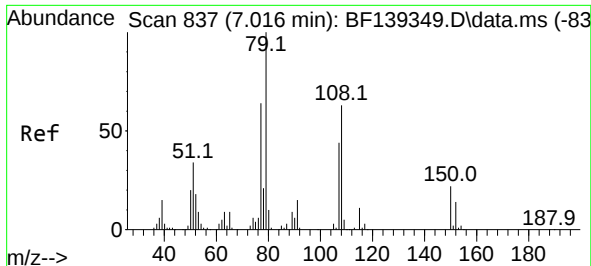
Tgt Ion:146 Resp: 230298
Ion Ratio Lower Upper
146 100
148 64.2 50.9 76.3
111 43.3 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 43.797 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:146 Resp: 217253
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
111 46.8 38.9 58.3

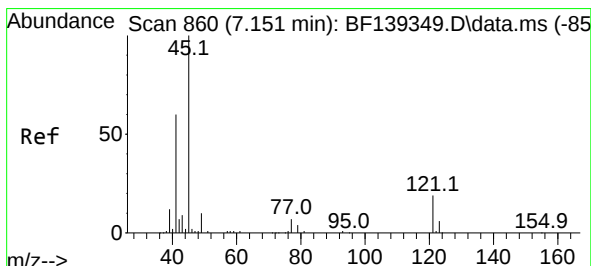
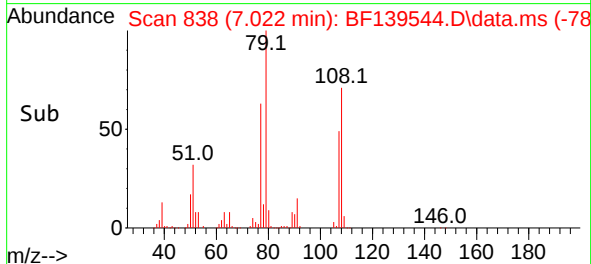
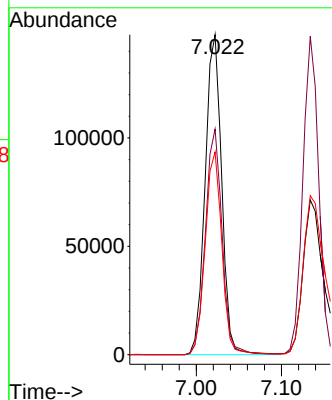
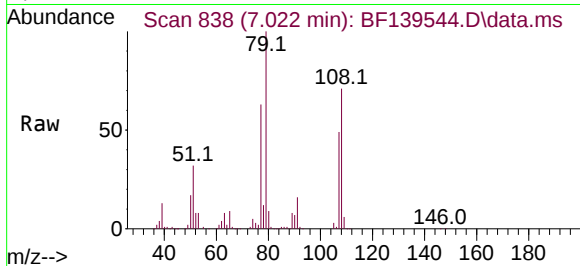




#15
Benzyl Alcohol
Concen: 42.822 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

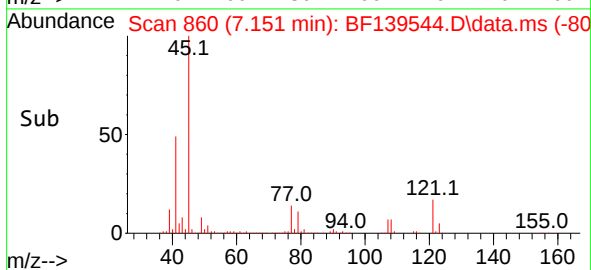
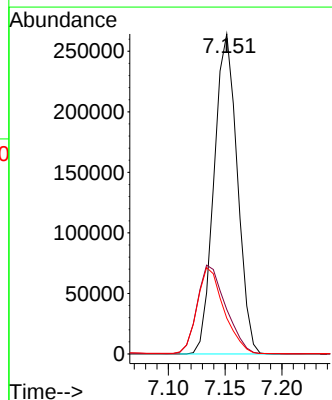
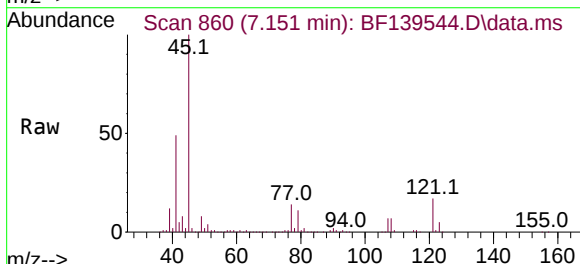
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

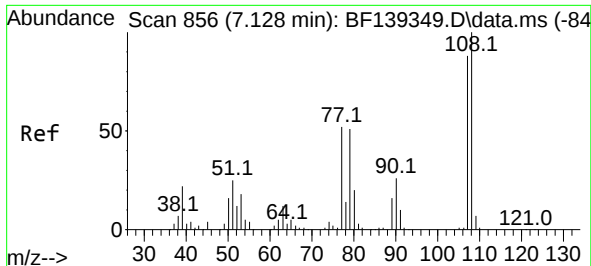
Tgt Ion: 79 Resp: 198989
Ion Ratio Lower Upper
79 100
108 70.5 50.4 75.6
77 63.4 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.116 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion: 45 Resp: 376025
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.0
79 11.2 0.0 29.1

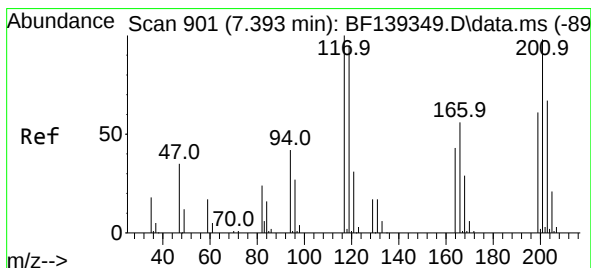
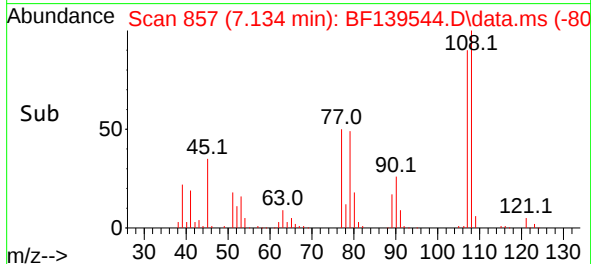
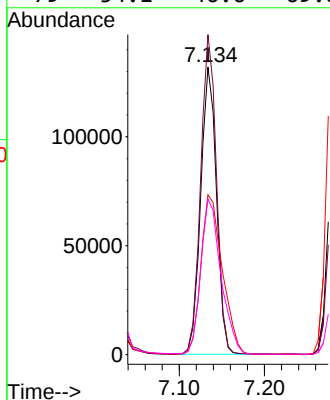
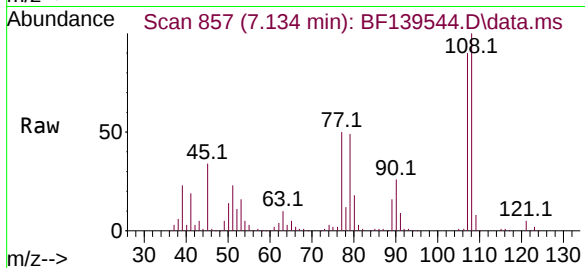




#17
2-Methylphenol
Concen: 46.731 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

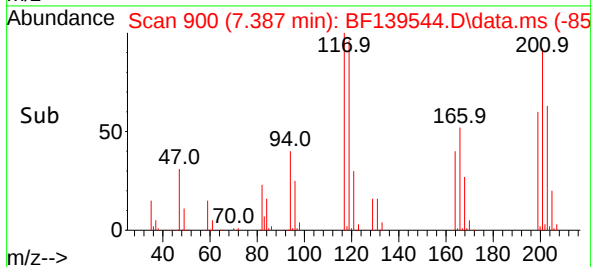
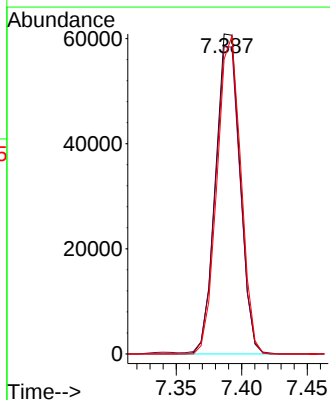
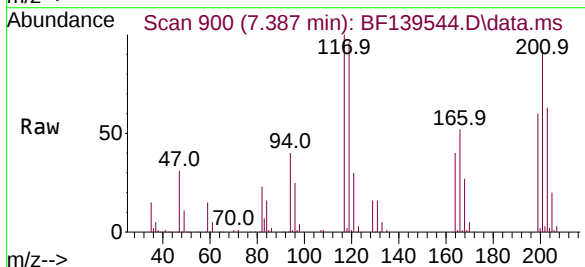
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

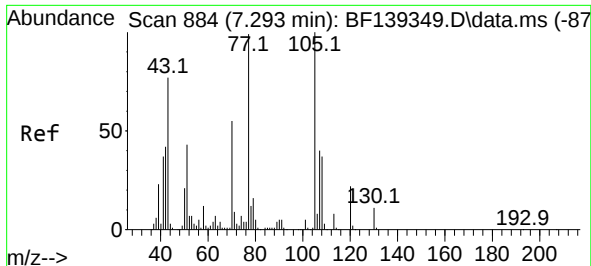
Tgt Ion:	107	Resp:	169593
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.5	135.7
77	55.6	47.1	70.7
79	54.1	46.6	69.8



#18
Hexachloroethane
Concen: 39.331 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:	117	Resp:	78642
Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.8	113.8
201	92.1	78.6	118.0

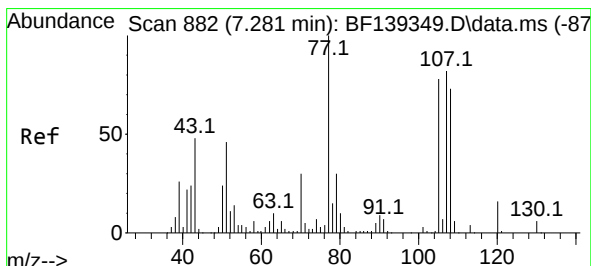
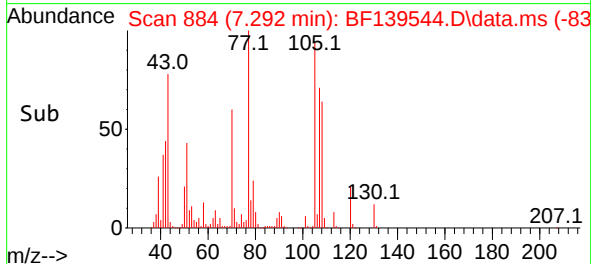
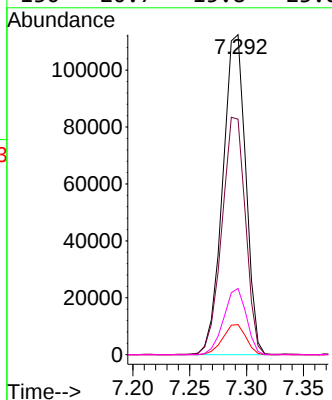
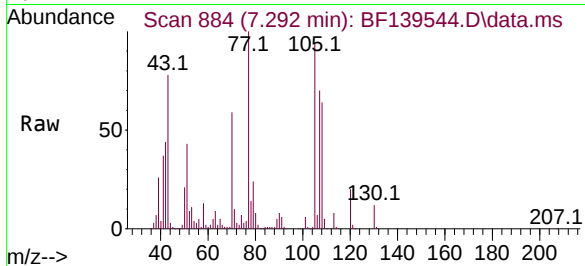




#19
n-Nitroso-di-n-propylamine
Concen: 45.956 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

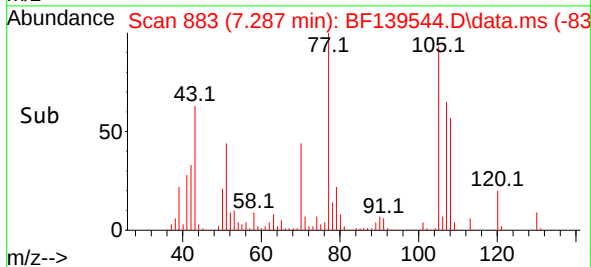
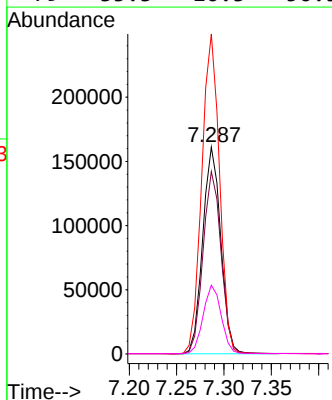
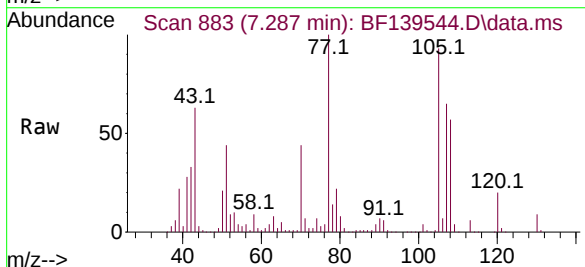
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

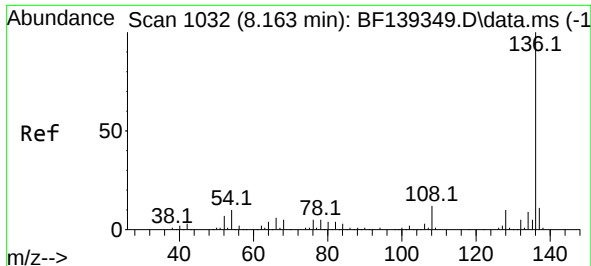
Tgt Ion: 70 Resp: 158617
Ion Ratio Lower Upper
70 100
42 73.6 61.2 91.8
101 9.4 7.5 11.3
130 20.7 15.8 23.8



#20
3+4-Methylphenols
Concen: 43.105 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:107 Resp: 213424
Ion Ratio Lower Upper
107 100
108 88.2 68.6 108.6
77 154.7 101.6 141.6#
79 33.3 16.3 56.3

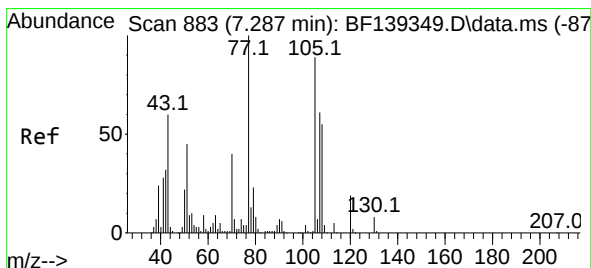
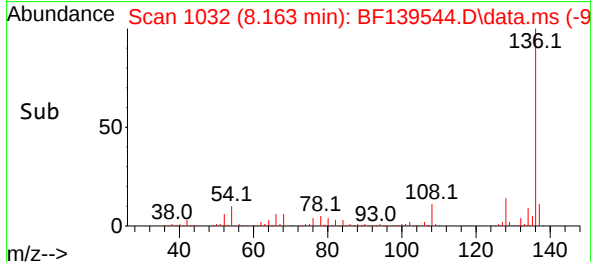
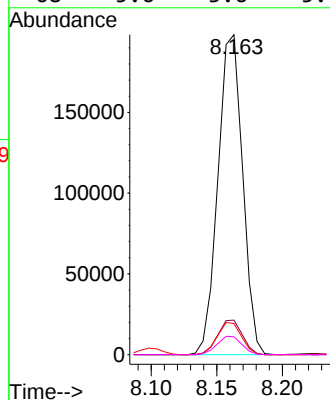
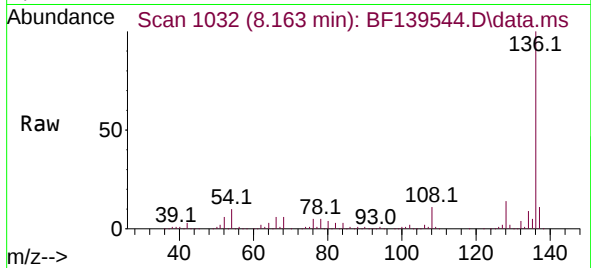




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

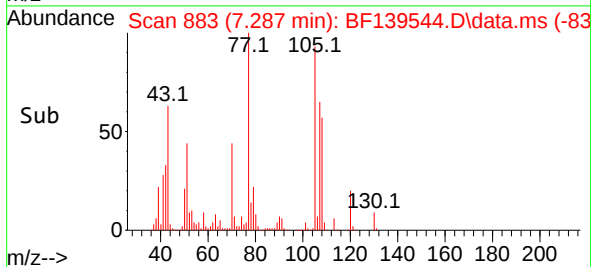
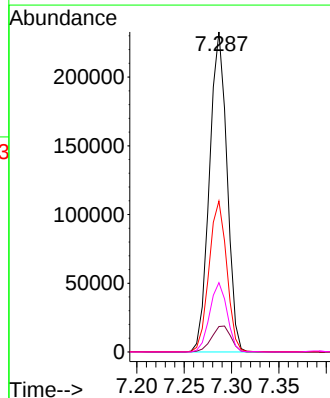
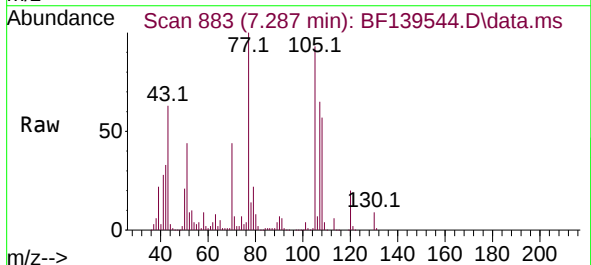
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

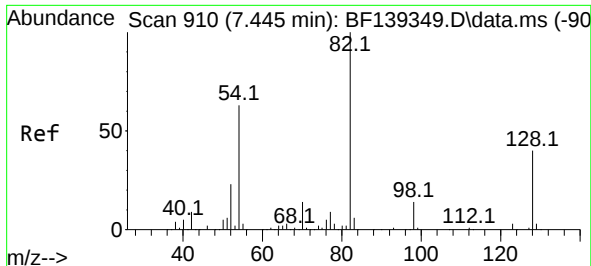
Tgt Ion:136 Resp: 259290
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.7 7.8 11.8
68 5.6 3.6 5.4#



#22
Acetophenone
Concen: 44.207 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:105 Resp: 299661
Ion Ratio Lower Upper
105 100
71 8.0 5.9 8.9
51 47.2 40.0 60.0
120 21.6 17.1 25.7





#23

Nitrobenzene-d5

Concen: 62.440 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

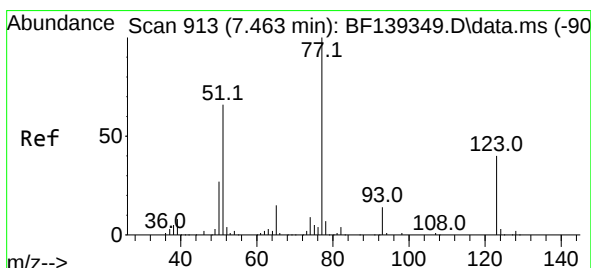
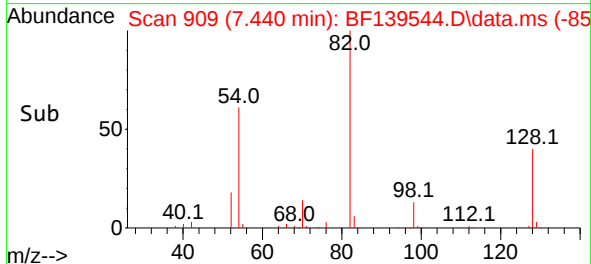
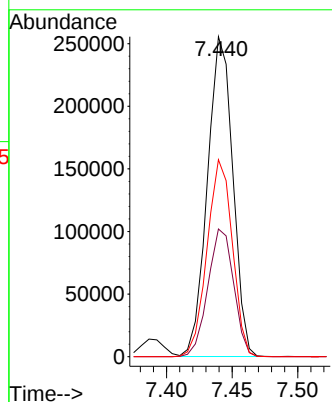
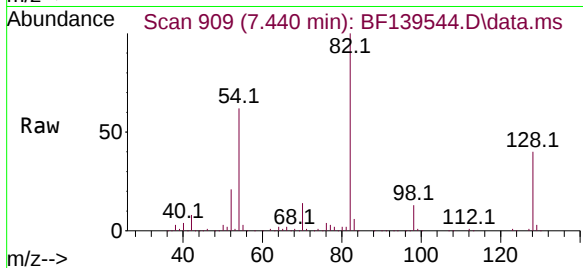
Tgt Ion: 82 Resp: 344384

Ion Ratio Lower Upper

82 100

128 39.9 31.8 47.6

54 61.5 50.6 75.8



#24

Nitrobenzene

Concen: 42.348 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

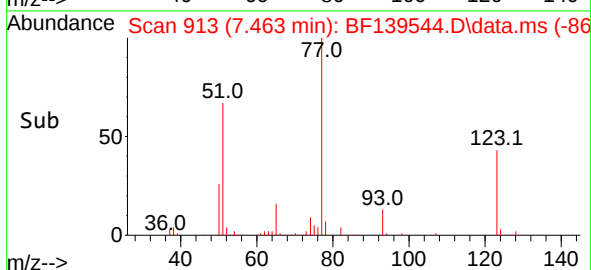
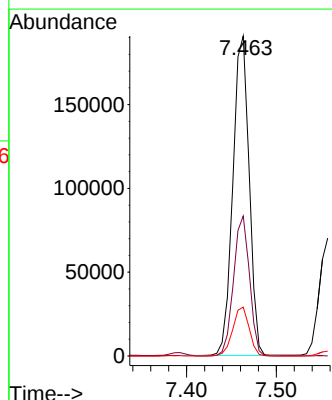
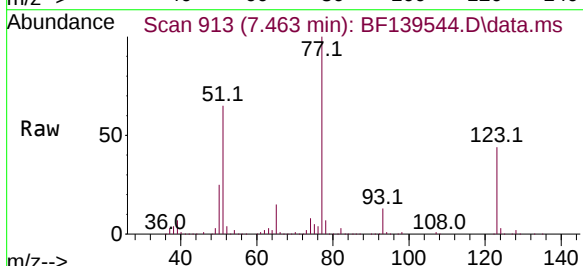
Tgt Ion: 77 Resp: 240391

Ion Ratio Lower Upper

77 100

123 43.8 32.2 48.4

65 15.3 12.2 18.4

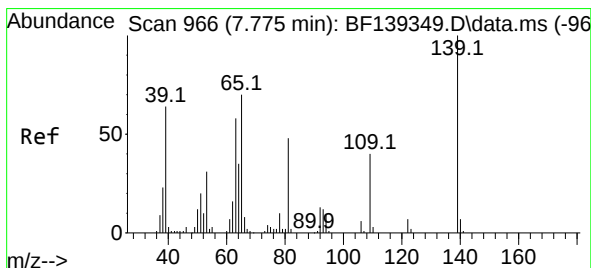
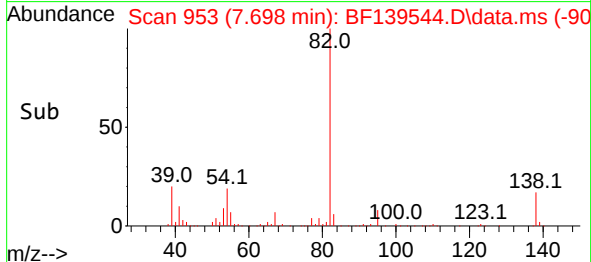
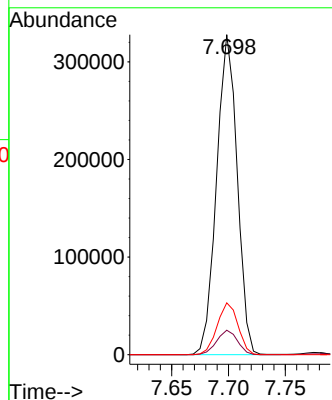
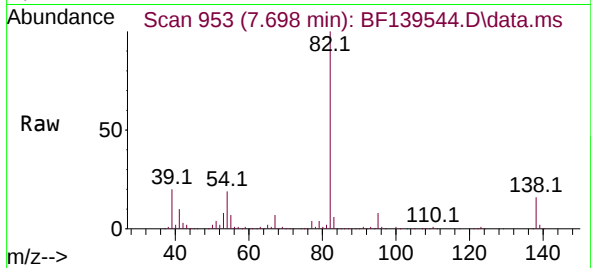




#25
Isophorone
Concen: 47.451 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

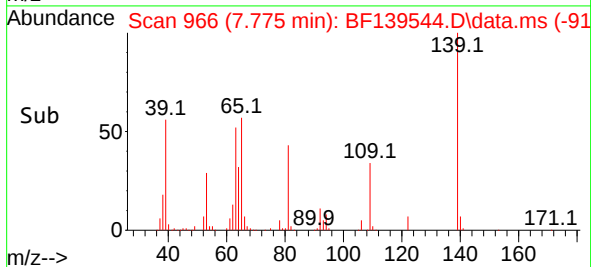
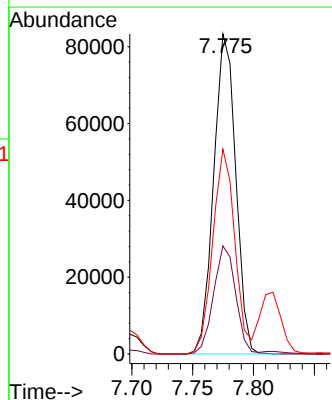
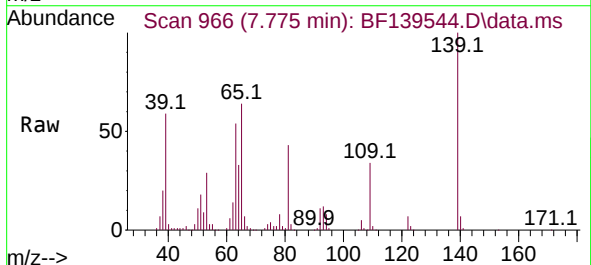
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

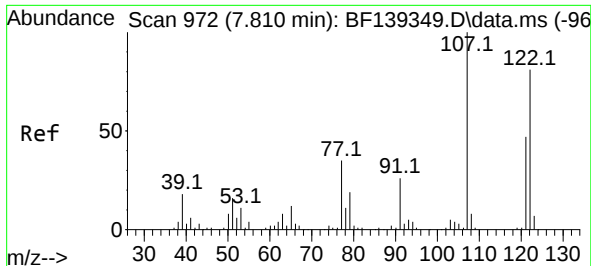
Tgt Ion: 82 Resp: 413908
Ion Ratio Lower Upper
82 100
95 7.6 6.7 10.1
138 16.2 13.3 19.9



#26
2-Nitrophenol
Concen: 47.503 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion: 139 Resp: 105057
Ion Ratio Lower Upper
139 100
109 33.7 32.2 48.2
65 64.0 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 54.376 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

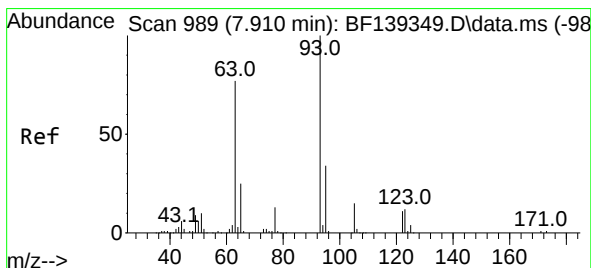
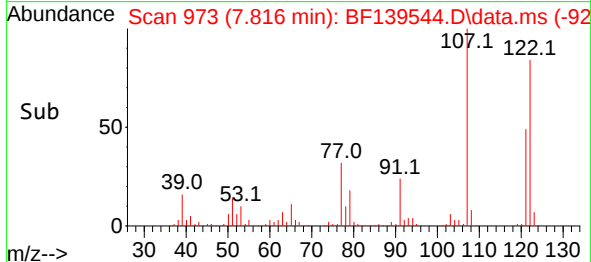
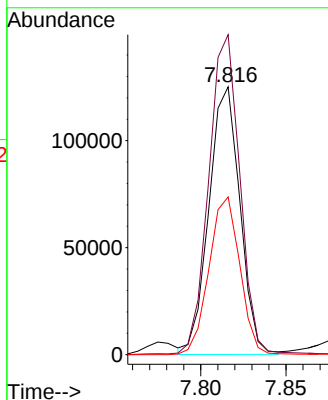
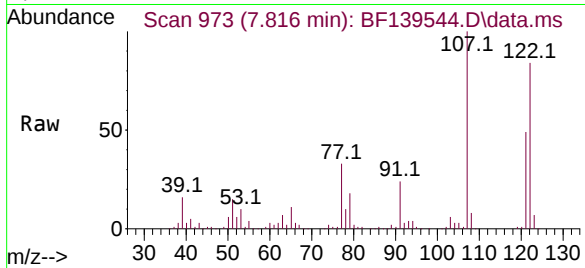
Tgt Ion:122 Resp: 158628

Ion Ratio Lower Upper

122 100

107 119.5 99.1 148.7

121 58.9 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 49.866 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

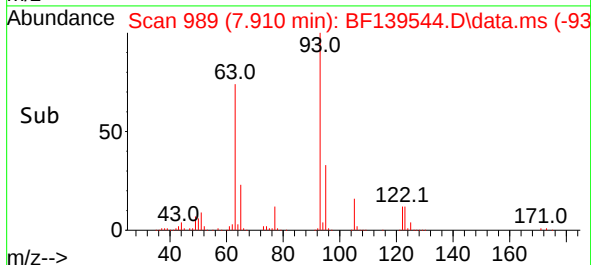
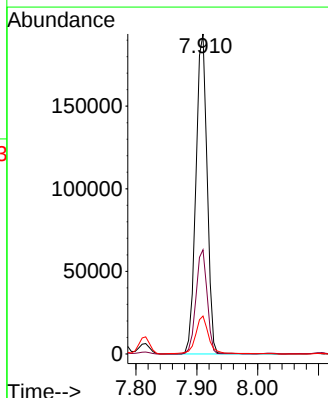
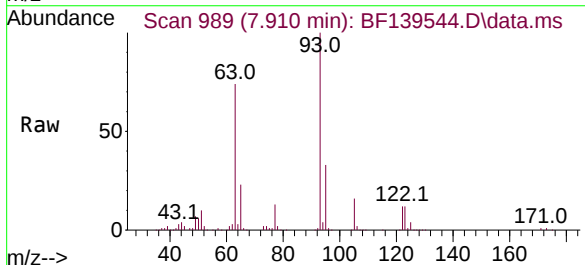
Tgt Ion: 93 Resp: 247898

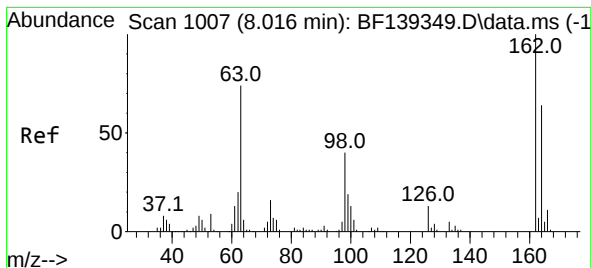
Ion Ratio Lower Upper

93 100

95 32.6 26.9 40.3

123 11.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 45.273 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

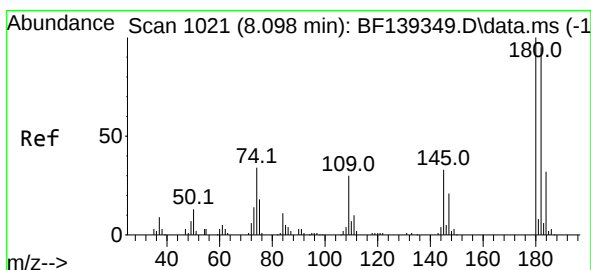
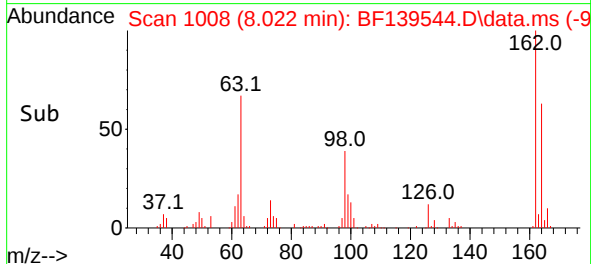
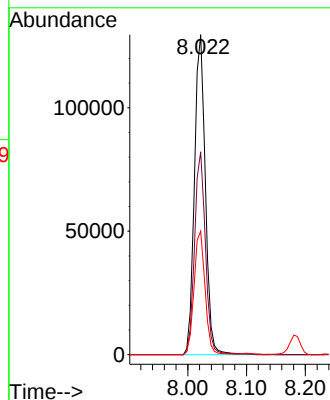
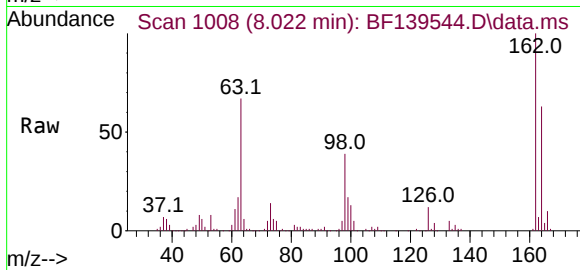
Tgt Ion:162 Resp: 167783

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

98 38.6 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 41.973 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

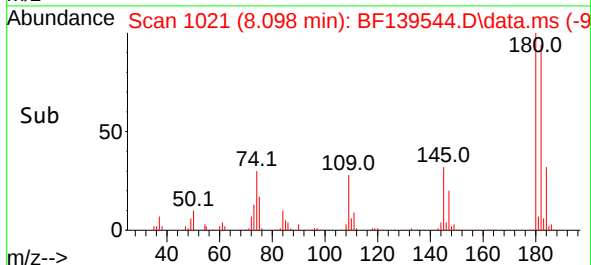
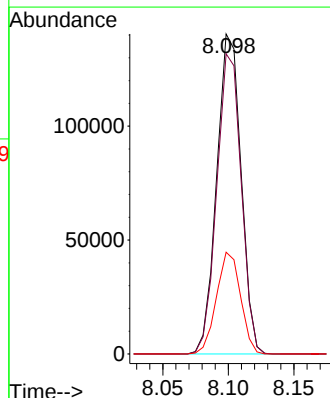
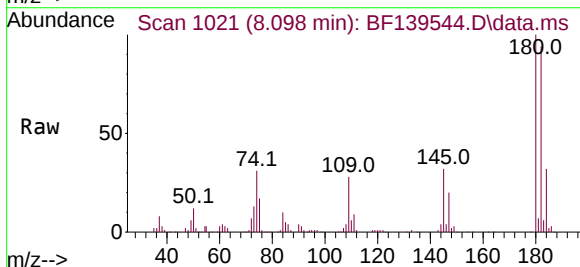
Tgt Ion:180 Resp: 181245

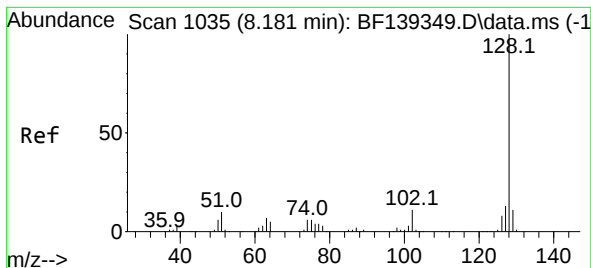
Ion Ratio Lower Upper

180 100

182 93.8 75.7 113.5

145 31.8 26.5 39.7





#31

Naphthalene

Concen: 44.822 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

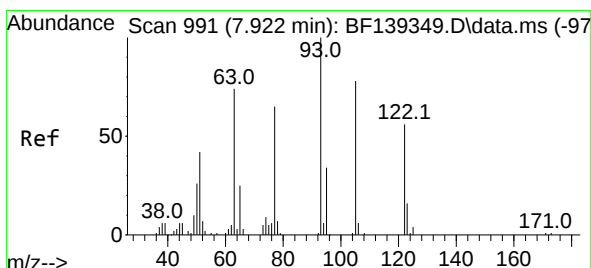
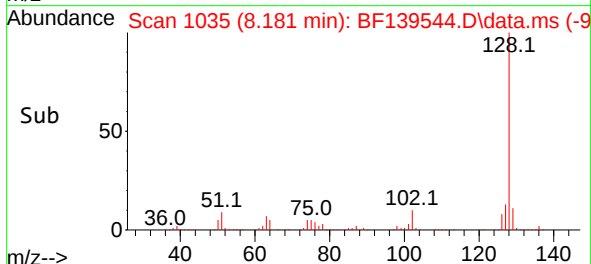
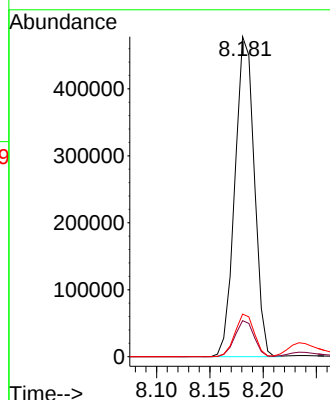
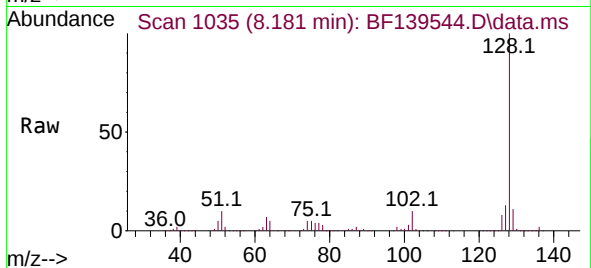
Tgt Ion:128 Resp: 606727

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 34.578 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

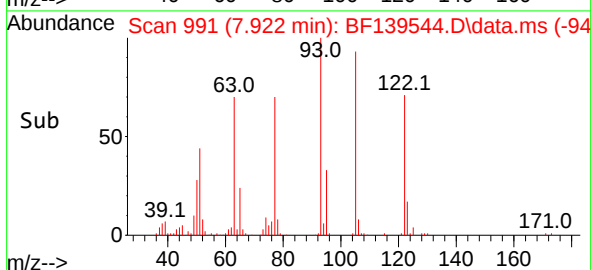
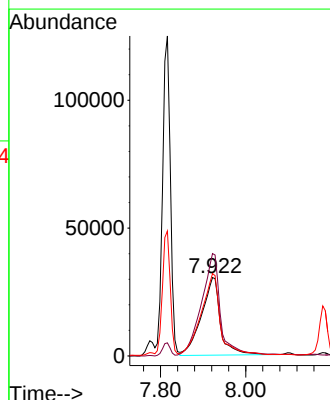
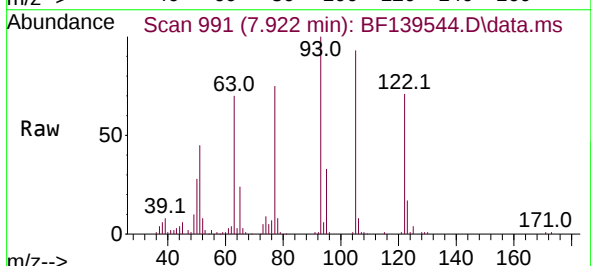
Tgt Ion:122 Resp: 94399

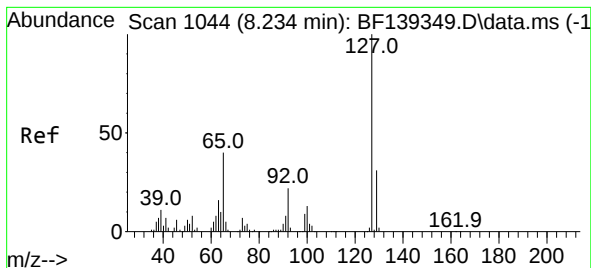
Ion Ratio Lower Upper

122 100

105 130.5 117.1 157.1

77 105.1 95.4 135.4





#33

4-Chloroaniline

Concen: 12.373 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

Tgt Ion:127 Resp: 51237

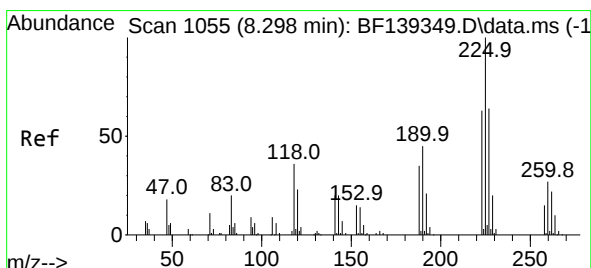
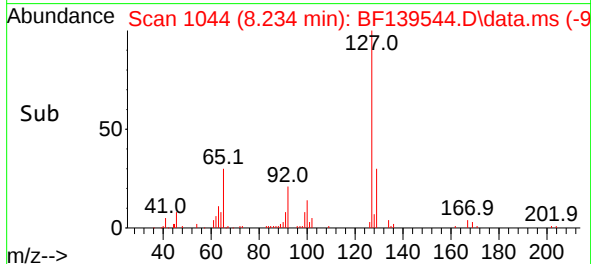
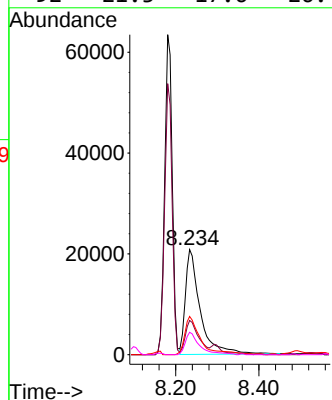
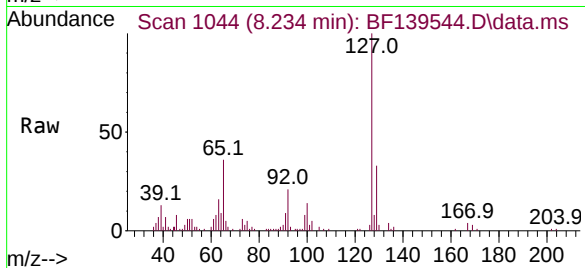
Ion Ratio Lower Upper

127 100

129 32.5 25.5 38.3

65 36.3 31.5 47.3

92 21.3 17.6 26.4



#34

Hexachlorobutadiene

Concen: 40.900 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

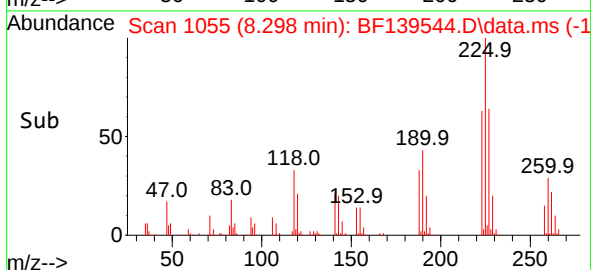
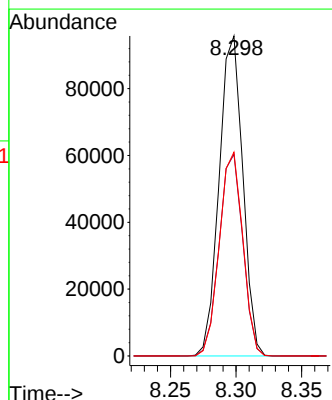
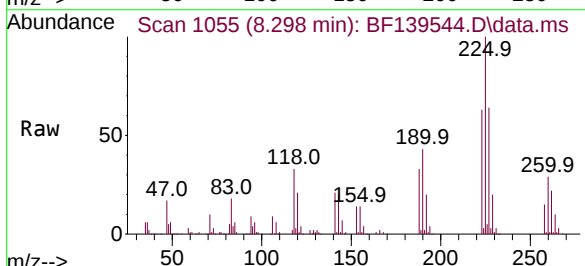
Tgt Ion:225 Resp: 119989

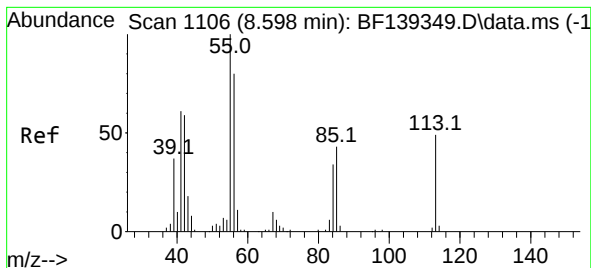
Ion Ratio Lower Upper

225 100

223 63.0 50.1 75.1

227 63.7 51.0 76.6





#35

Caprolactam

Concen: 44.787 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

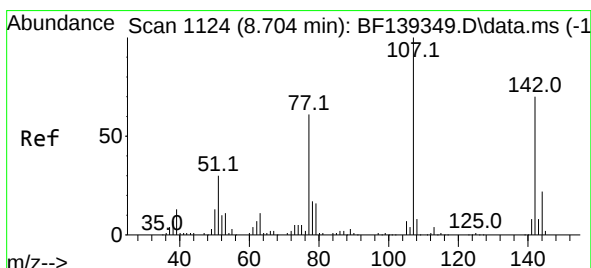
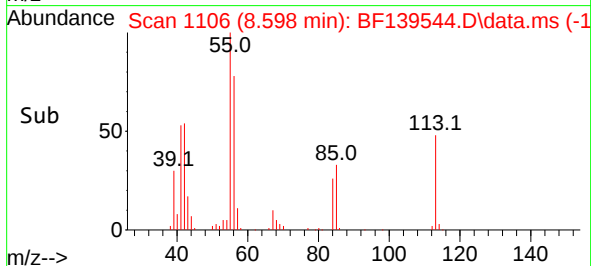
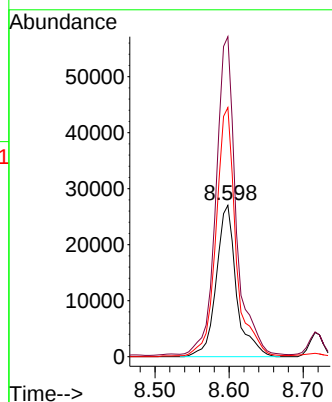
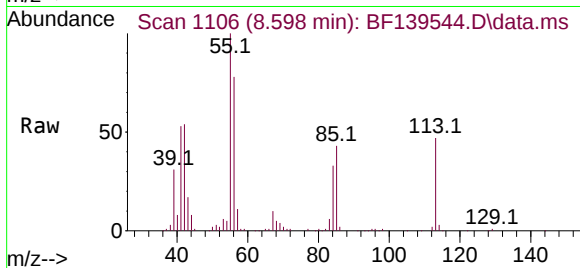
Tgt Ion:113 Resp: 51058

Ion Ratio Lower Upper

113 100

55 211.3 186.1 226.1

56 164.5 144.9 184.9



#36

4-Chloro-3-methylphenol

Concen: 40.401 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

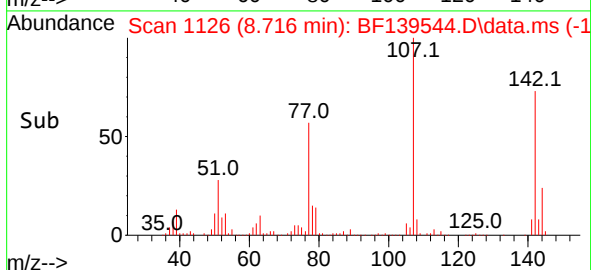
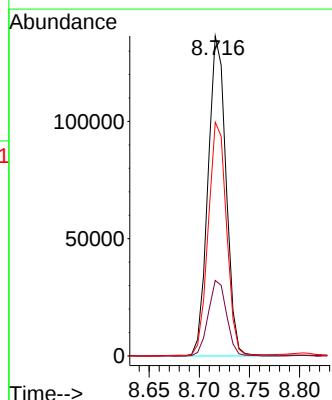
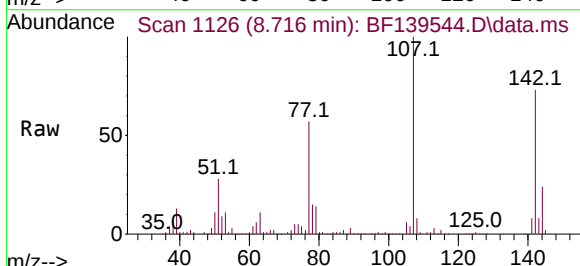
Tgt Ion:107 Resp: 171116

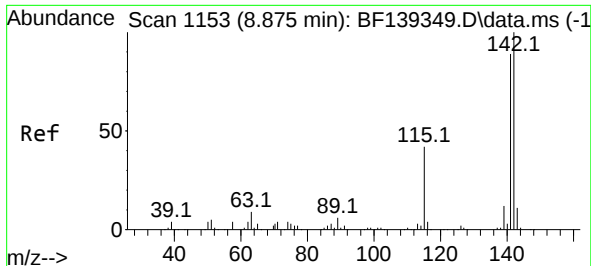
Ion Ratio Lower Upper

107 100

144 23.6 17.5 26.3

142 73.0 55.8 83.8





#37

2-Methylnaphthalene

Concen: 44.537 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

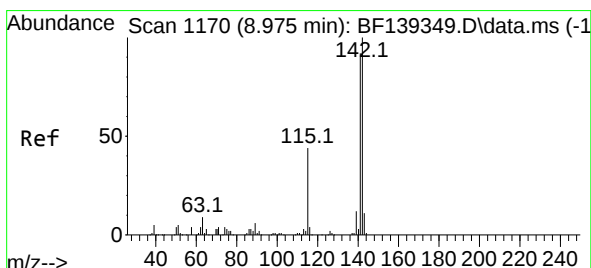
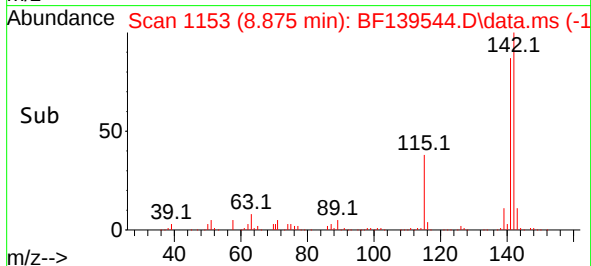
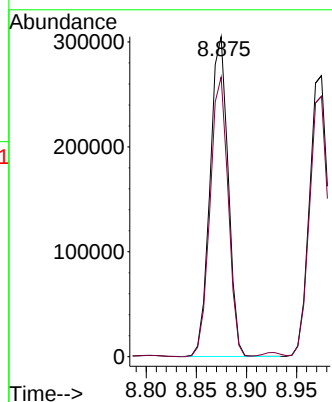
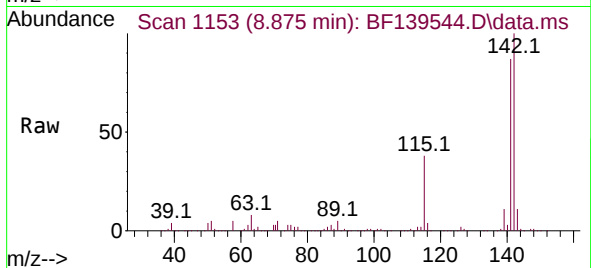
VNJ231MS

Tgt Ion:142 Resp: 382661

Ion Ratio Lower Upper

142 100

141 87.4 71.6 107.4



#38

1-Methylnaphthalene

Concen: 40.484 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.000 min

Lab File: BF139544.D

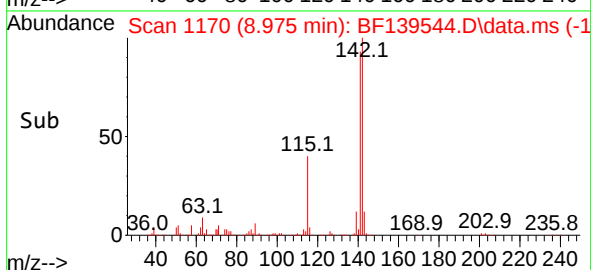
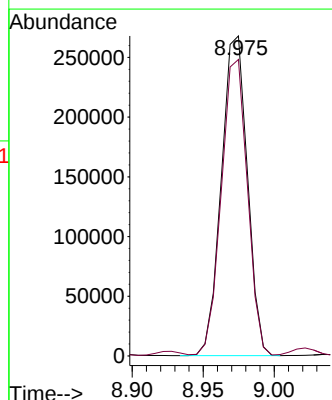
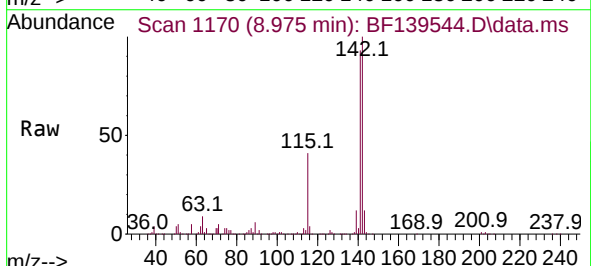
Acq: 25 Sep 2024 22:37

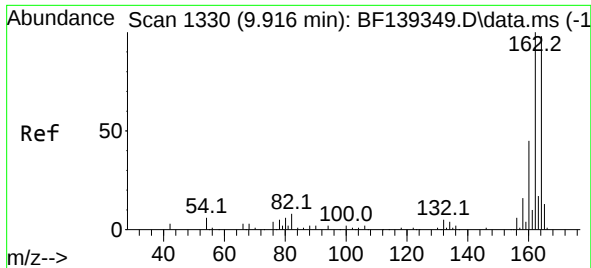
Tgt Ion:142 Resp: 341499

Ion Ratio Lower Upper

142 100

141 92.7 73.2 109.8

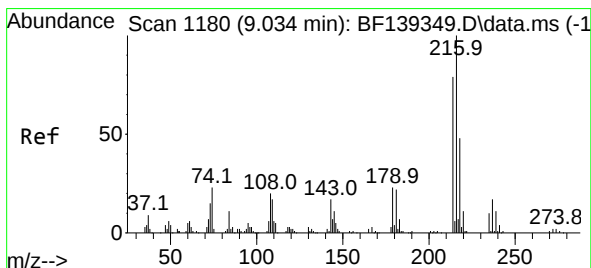
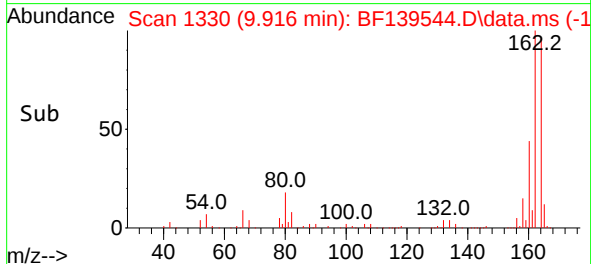
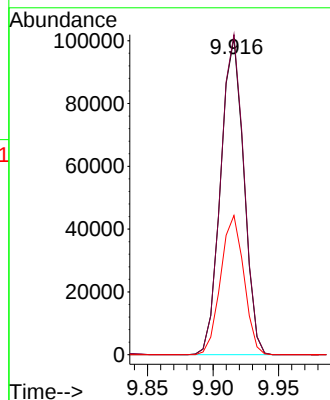
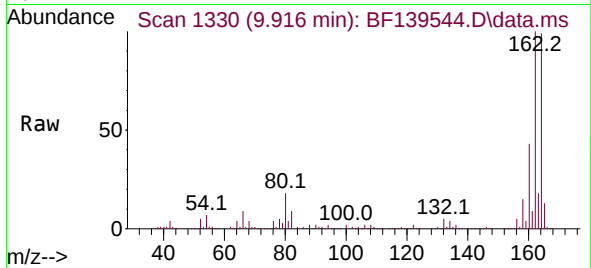




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

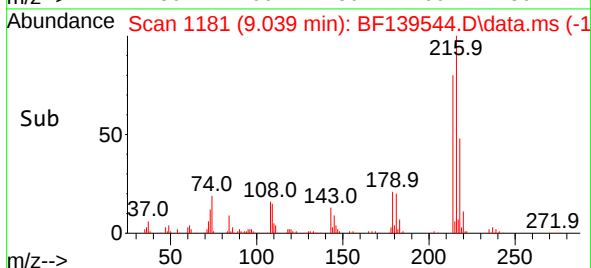
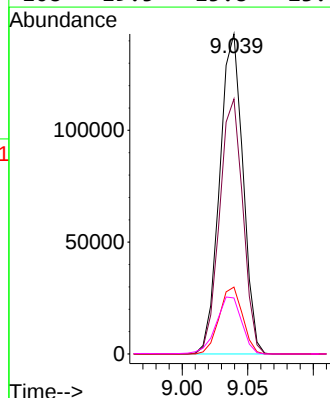
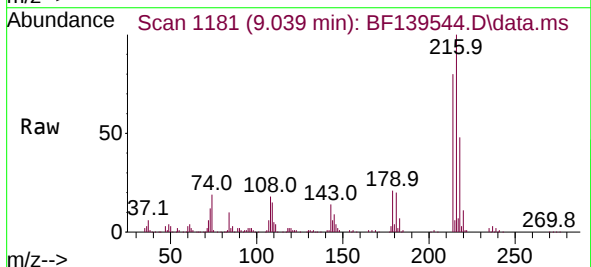
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

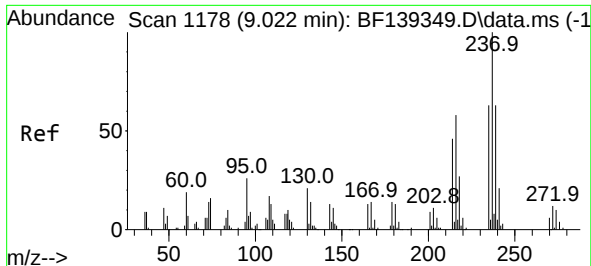
Tgt Ion:164 Resp: 123749
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 44.0 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.122 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:216 Resp: 176490
Ion Ratio Lower Upper
216 100
214 79.7 63.4 95.0
179 21.0 18.2 27.2
108 19.5 15.8 23.6

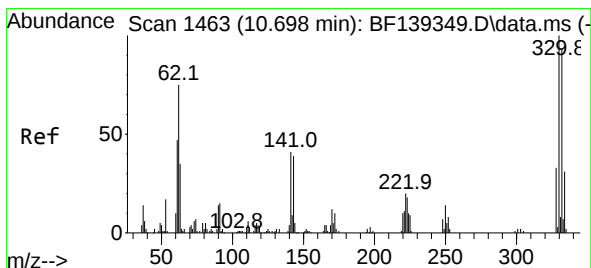
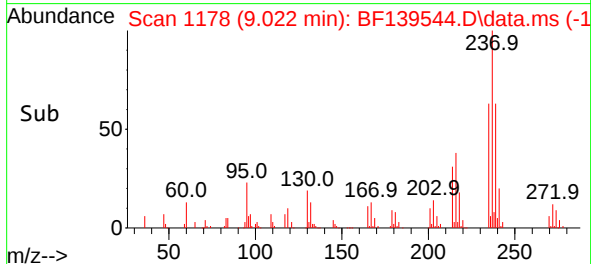
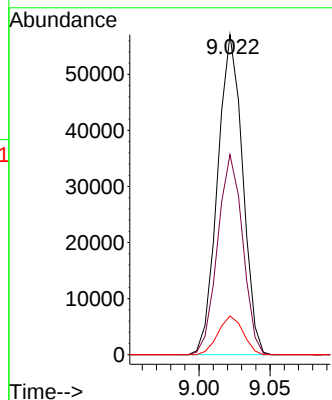
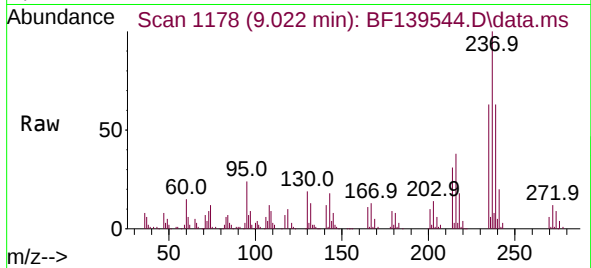




#41
Hexachlorocyclopentadiene
Concen: 54.630 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

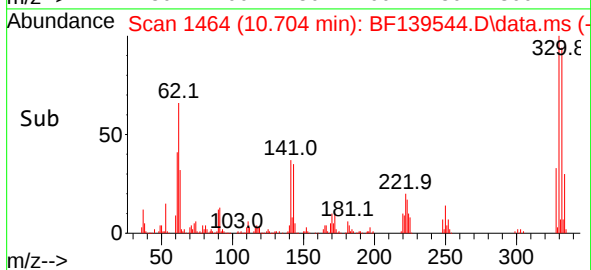
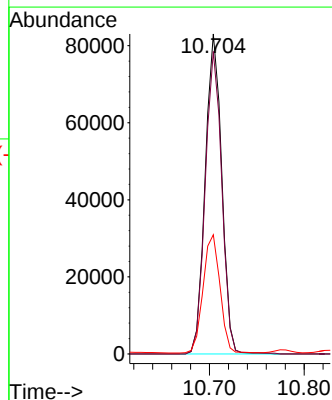
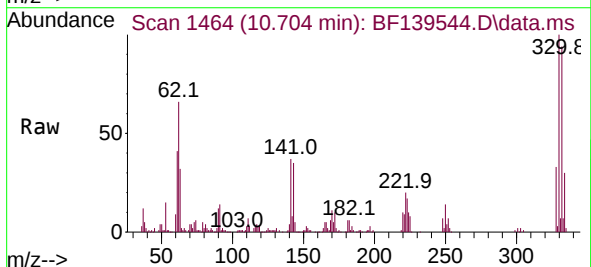
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

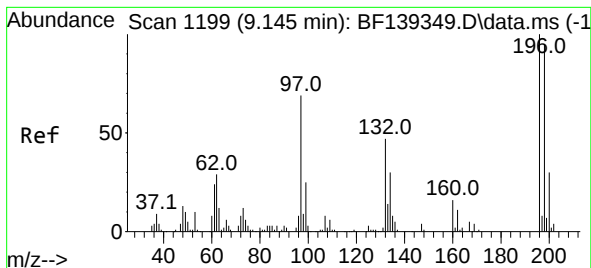
Tgt Ion:237 Resp: 69956
Ion Ratio Lower Upper
237 100
235 62.5 42.7 82.7
272 12.1 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 75.965 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:330 Resp: 100081
Ion Ratio Lower Upper
330 100
332 95.0 75.2 112.8
141 38.0 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 47.471 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

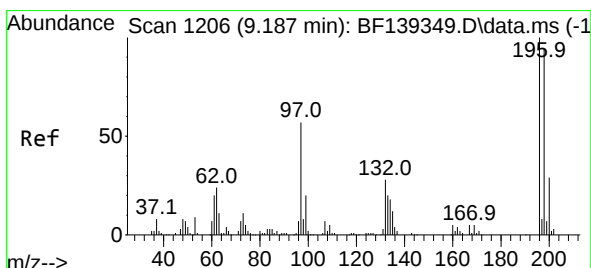
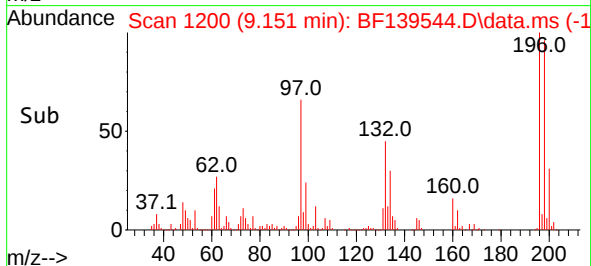
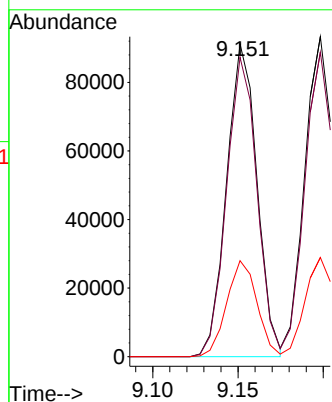
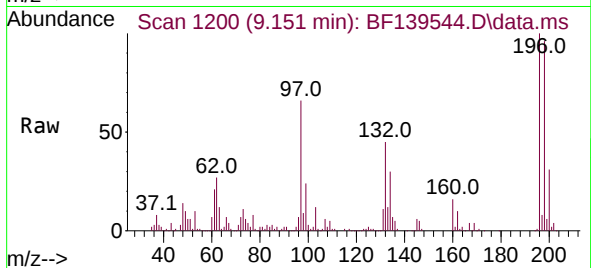
Tgt Ion:196 Resp: 113270

Ion Ratio Lower Upper

196 100

198 95.7 75.8 113.6

200 30.7 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 45.531 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Tgt Ion:196 Resp: 114598

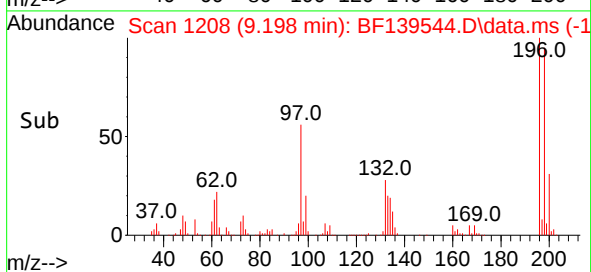
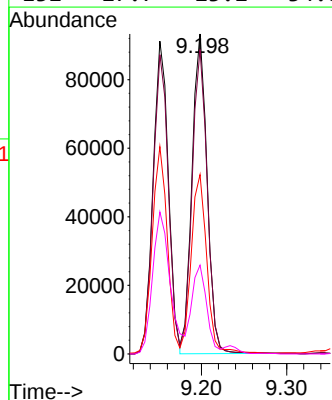
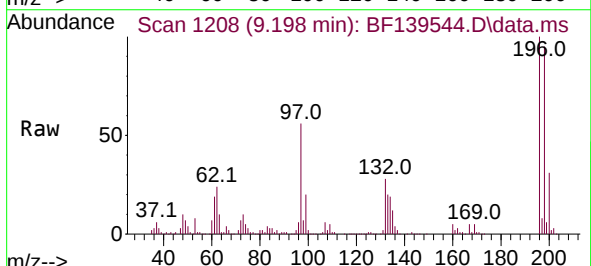
Ion Ratio Lower Upper

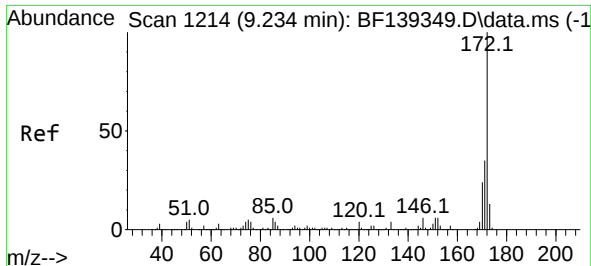
196 100

198 95.1 74.8 112.2

97 56.1 47.3 70.9

132 27.7 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 66.775 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

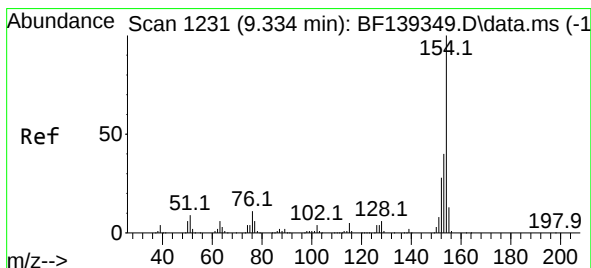
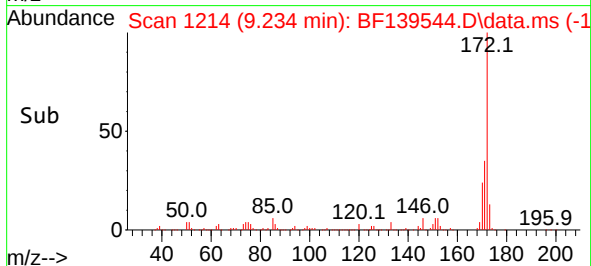
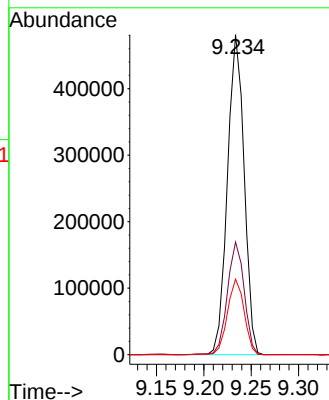
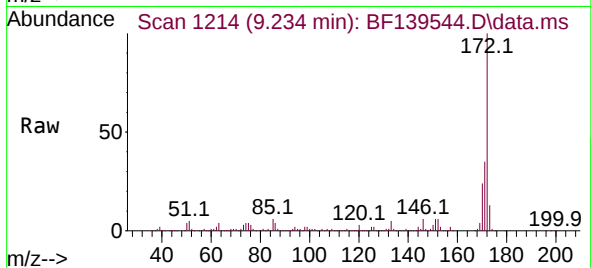
Tgt Ion:172 Resp: 589179

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 48.293 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

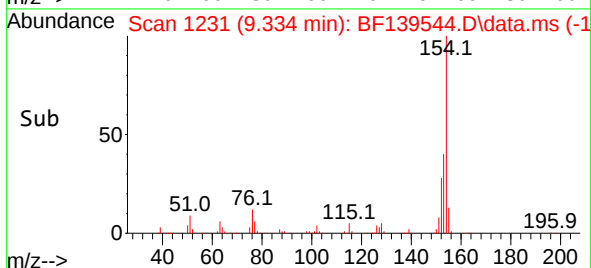
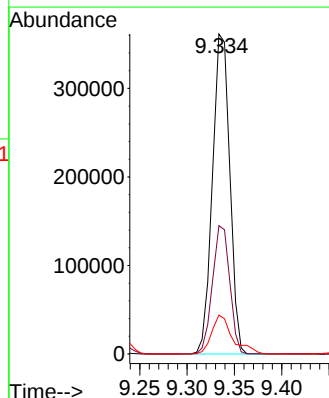
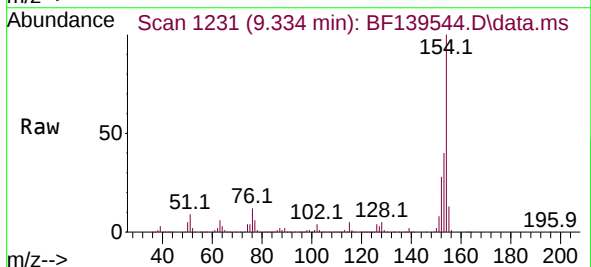
Tgt Ion:154 Resp: 459770

Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 12.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 46.630 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

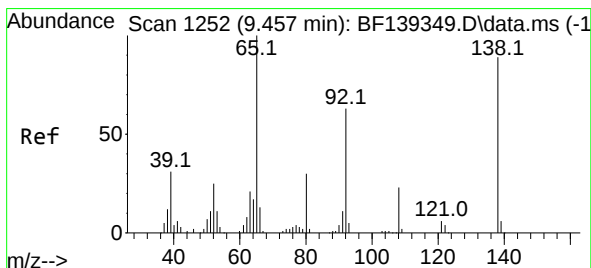
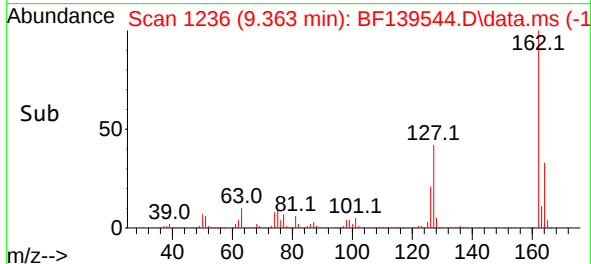
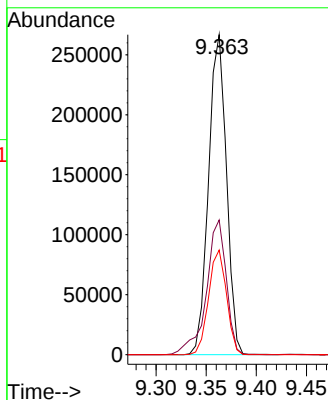
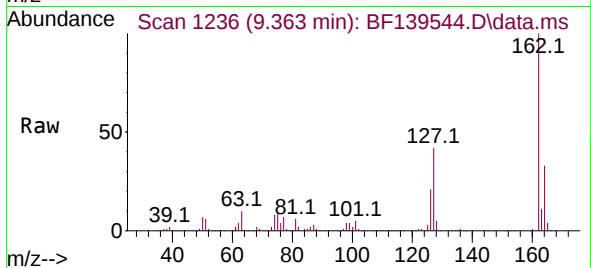
Tgt Ion:162 Resp: 331931

Ion Ratio Lower Upper

162 100

127 42.1 35.0 52.4

164 32.7 25.8 38.6



#48

2-Nitroaniline

Concen: 46.767 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

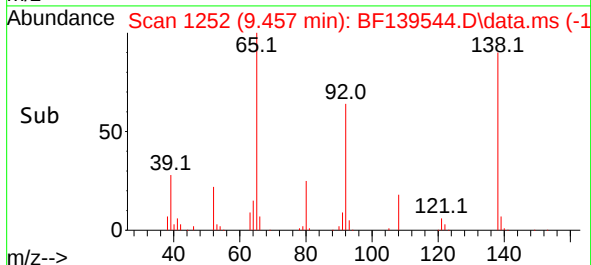
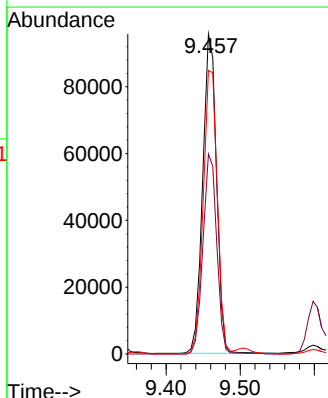
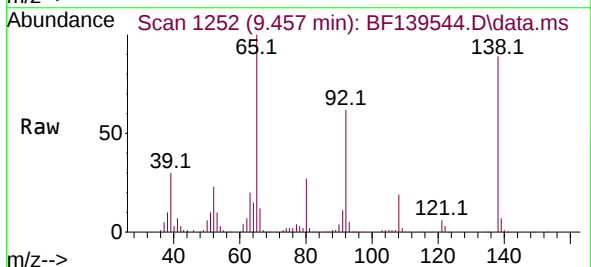
Tgt Ion: 65 Resp: 123821

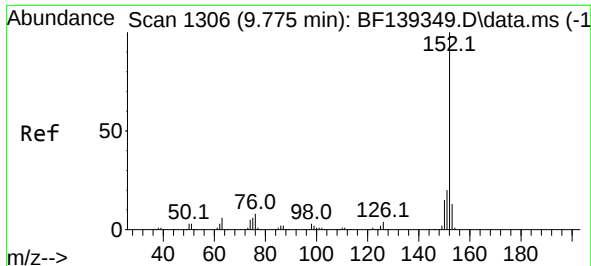
Ion Ratio Lower Upper

65 100

92 62.5 50.3 75.5

138 88.6 71.3 106.9

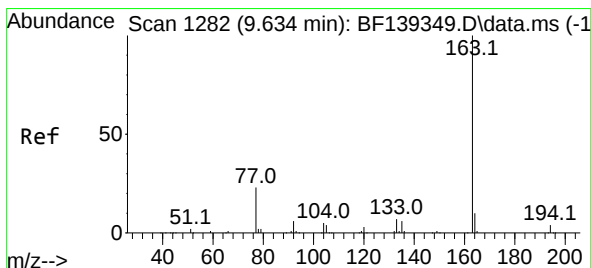
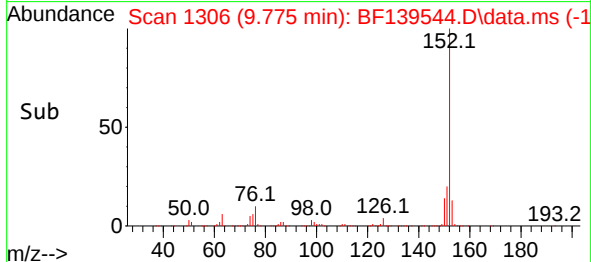
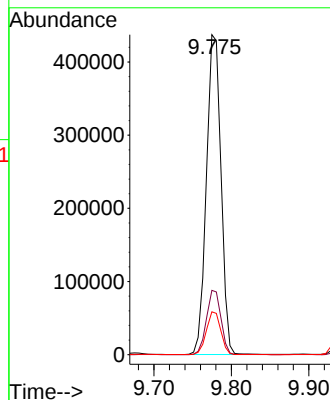
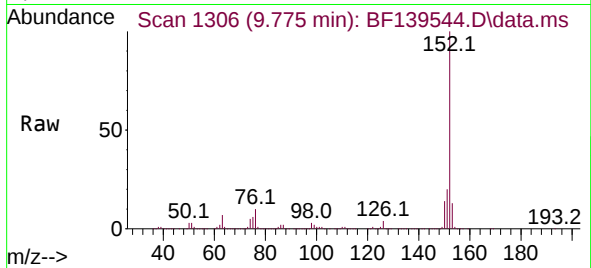




#49
Acenaphthylene
Concen: 53.446 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

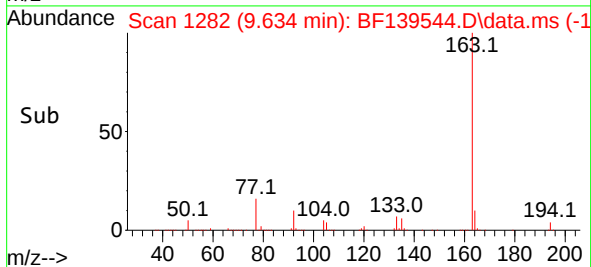
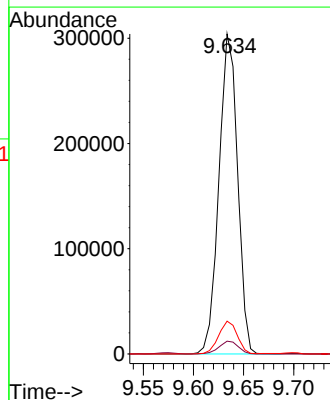
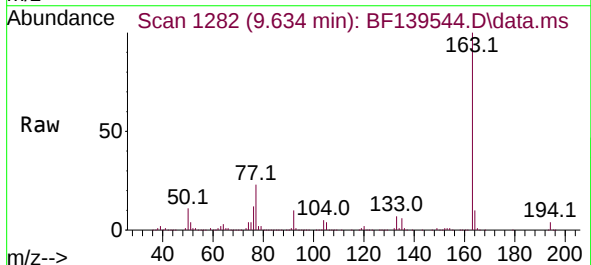
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

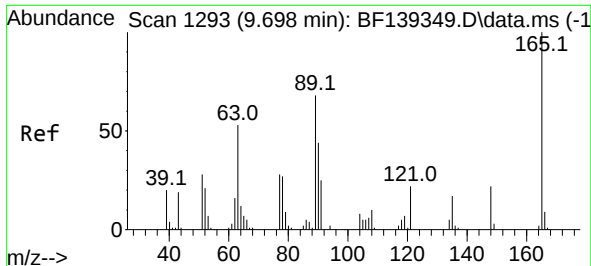
Tgt Ion:152 Resp: 572687
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.4 10.3 15.5



#50
Dimethylphthalate
Concen: 48.370 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:163 Resp: 392869
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 44.579 ng

RT: 9.698 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

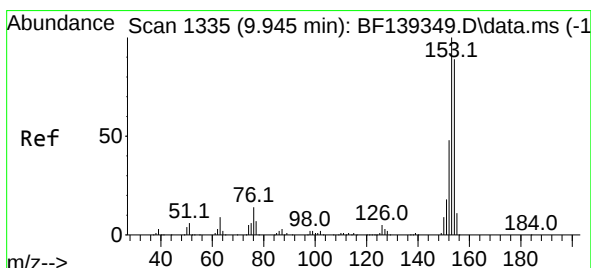
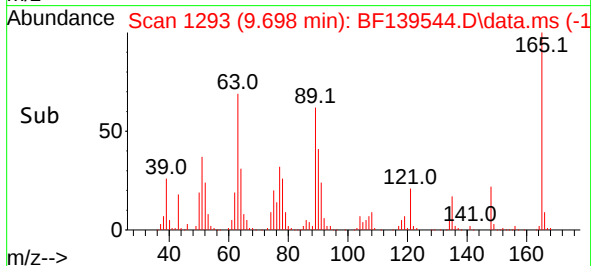
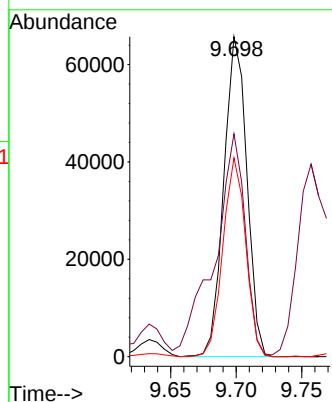
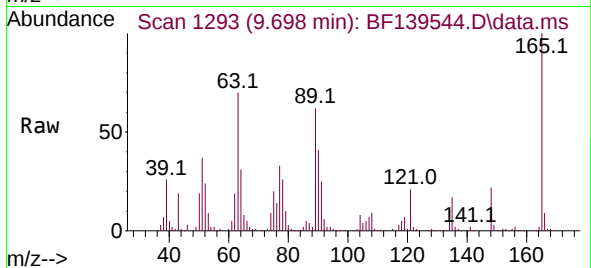
Tgt Ion:165 Resp: 80211

Ion Ratio Lower Upper

165 100

63 69.6 60.9 91.3

89 62.1 54.7 82.1



#52

Acenaphthene

Concen: 45.002 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

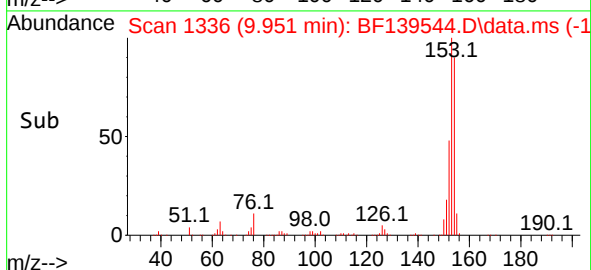
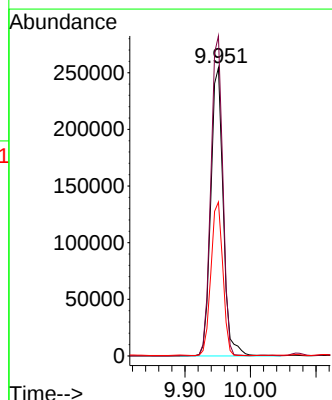
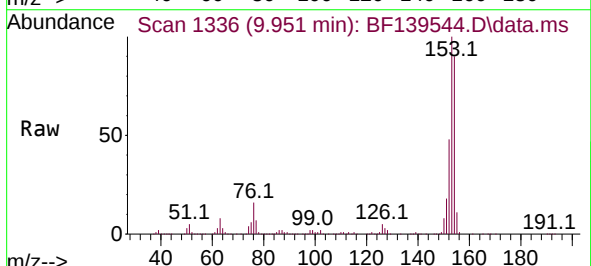
Tgt Ion:154 Resp: 336545

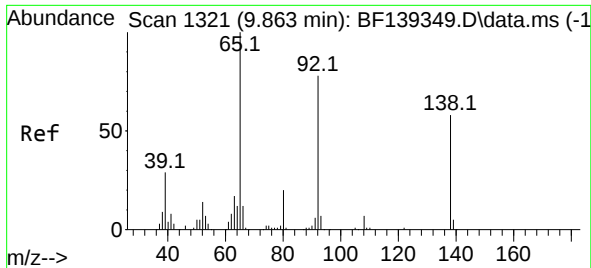
Ion Ratio Lower Upper

154 100

153 111.0 89.5 134.3

152 53.4 42.6 64.0

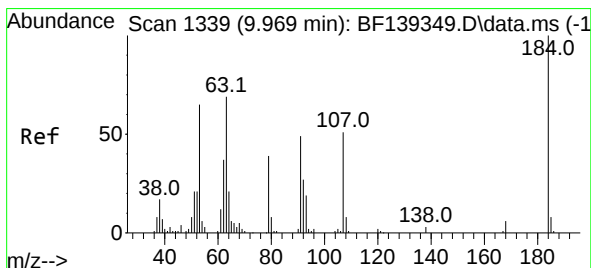
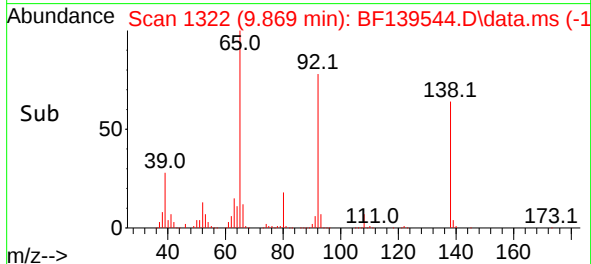
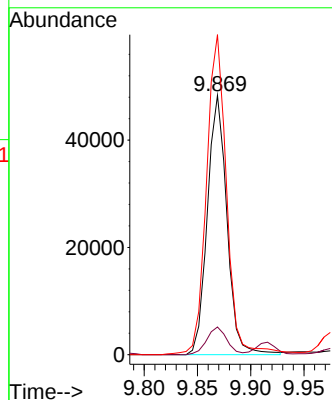
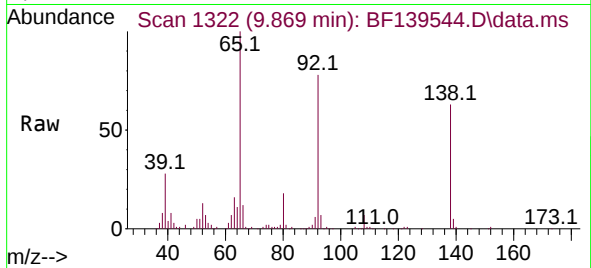




#53
3-Nitroaniline
Concen: 34.464 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

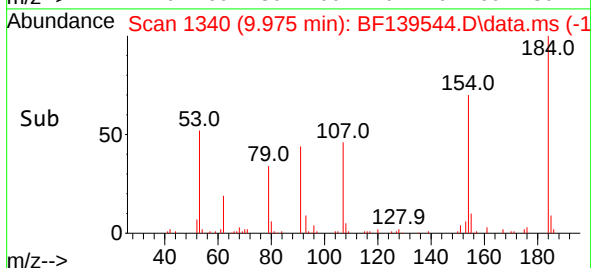
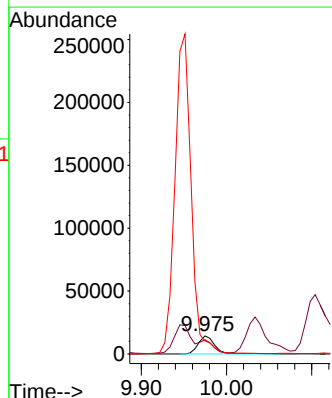
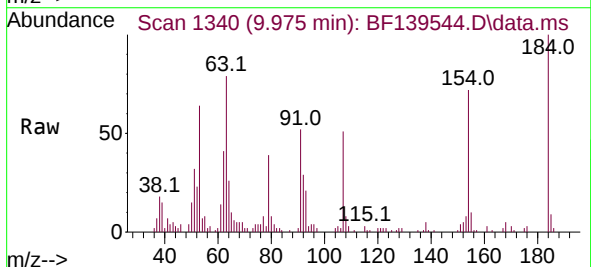
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

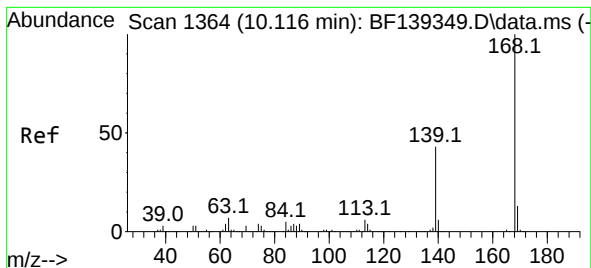
Tgt Ion:138 Resp: 61974
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.8
92 123.4 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 19.452 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:184 Resp: 19503
Ion Ratio Lower Upper
184 100
63 78.5 69.3 103.9
154 72.0 67.5 101.3





#55

Dibenzenofuran

Concen: 45.698 ng

RT: 10.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

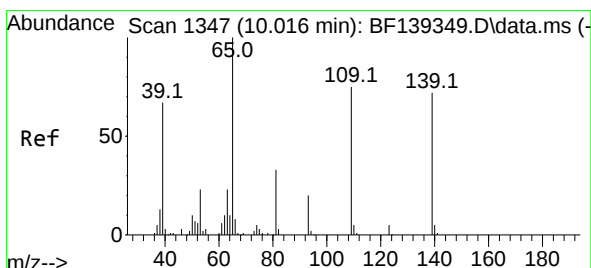
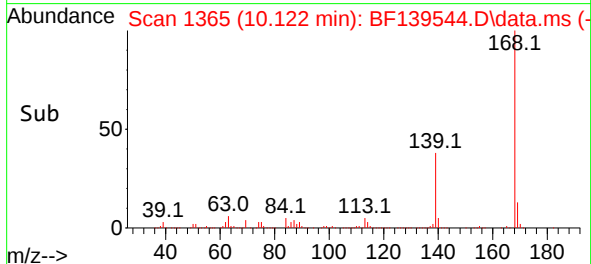
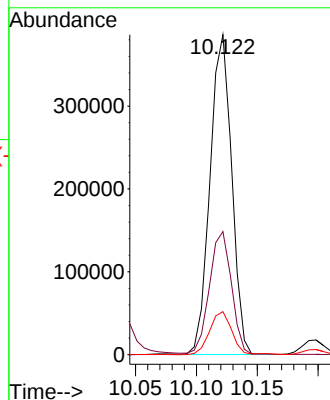
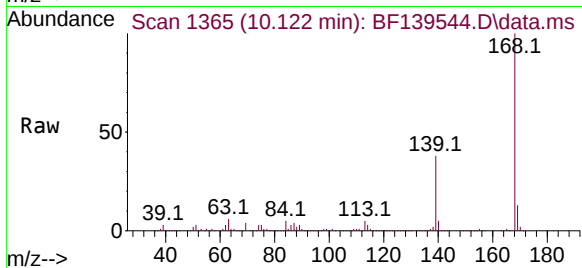
Tgt Ion:168 Resp: 476339

Ion Ratio Lower Upper

168 100

139 38.5 34.1 51.1

169 13.5 10.5 15.7



#56

4-Nitrophenol

Concen: 77.252 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.018 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

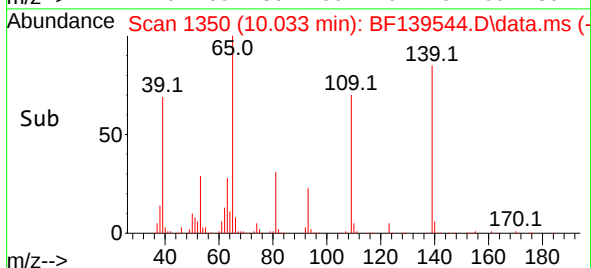
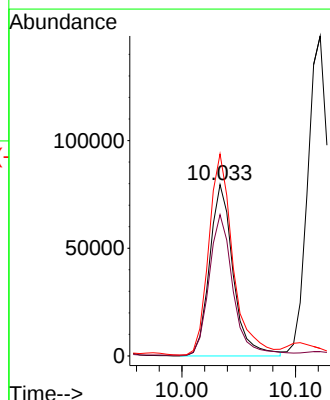
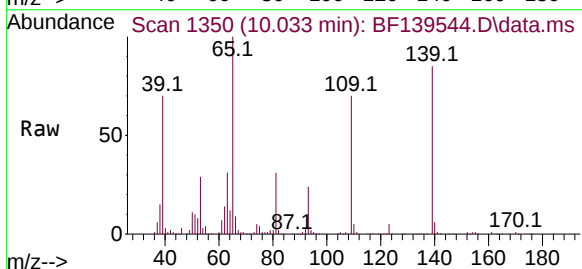
Tgt Ion:139 Resp: 114945

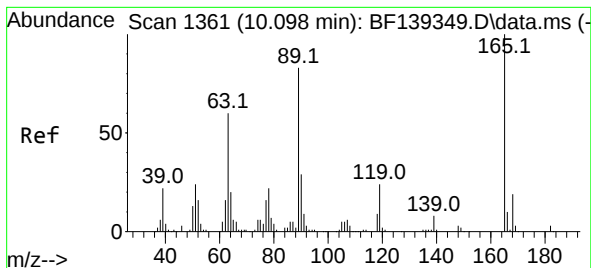
Ion Ratio Lower Upper

139 100

109 82.5 84.1 124.1#

65 118.0 120.0 160.0#

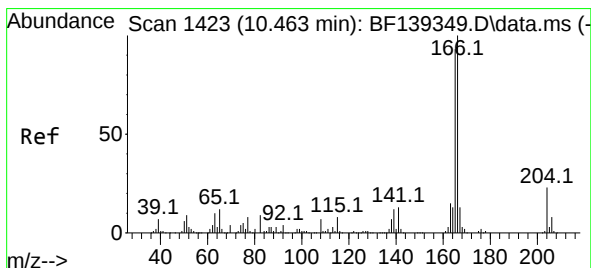
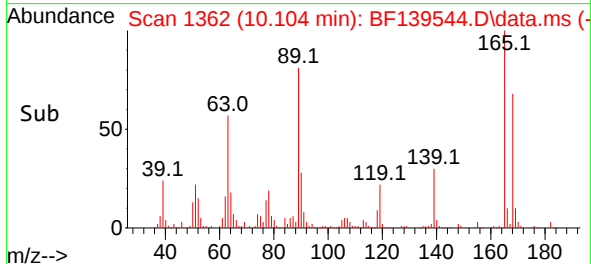
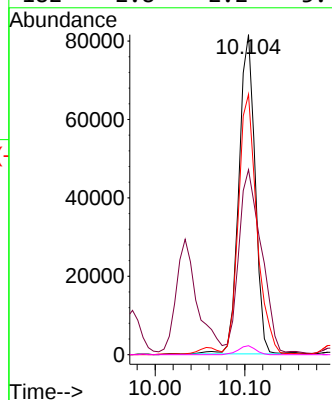
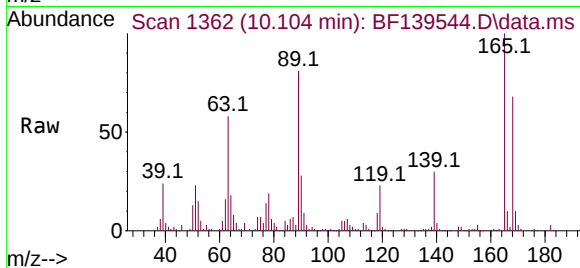




#57
2,4-Dinitrotoluene
Concen: 41.834 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

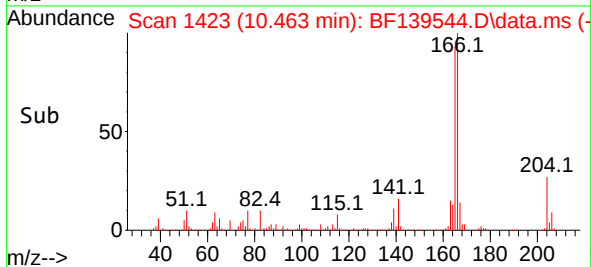
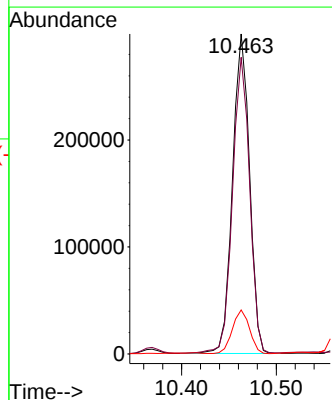
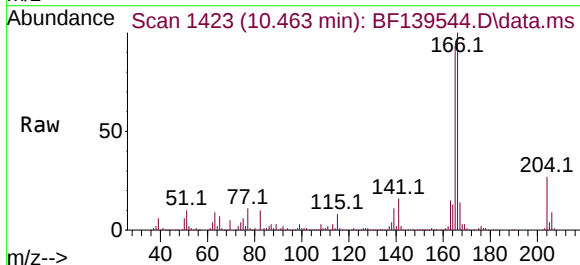
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

Tgt Ion:165 Resp: 101623
Ion Ratio Lower Upper
165 100
63 57.8 47.8 71.6
89 81.4 66.7 100.1
182 2.8 2.2 3.4



#58
Fluorene
Concen: 43.645 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:166 Resp: 371185
Ion Ratio Lower Upper
166 100
165 92.7 74.5 111.7
167 13.7 10.6 16.0

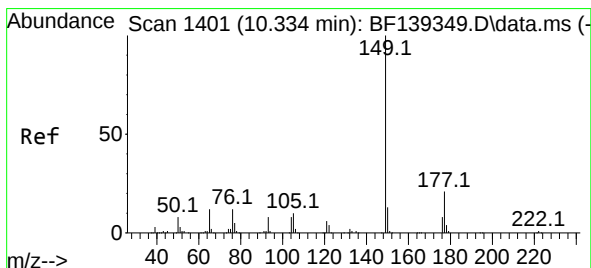
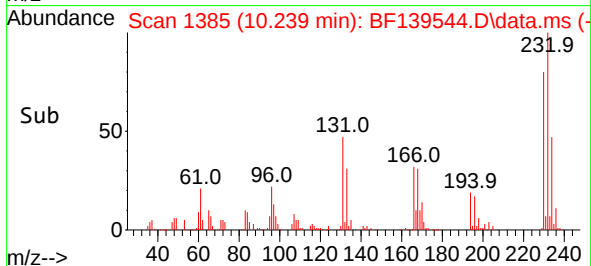
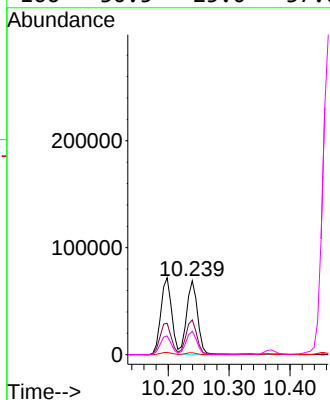
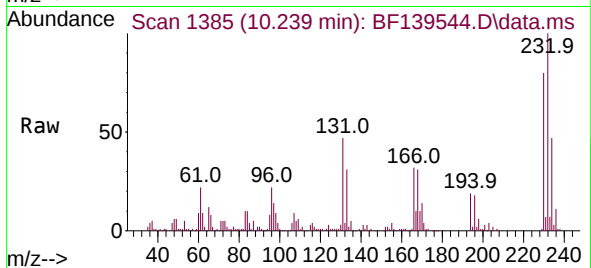




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.064 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

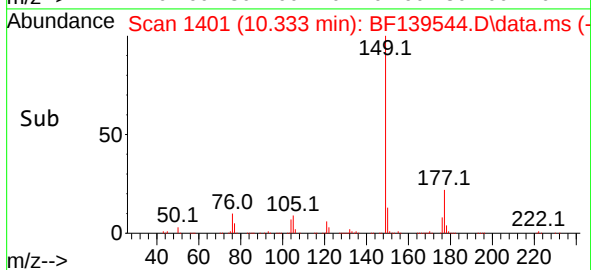
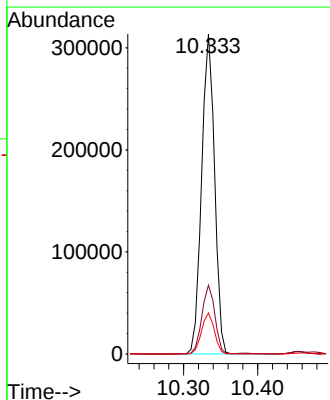
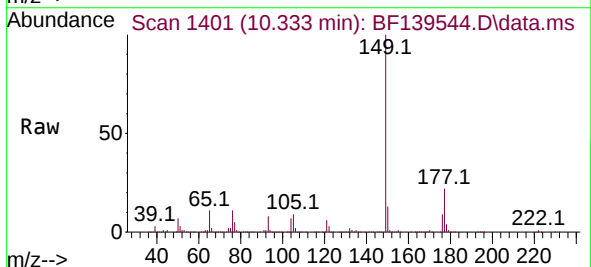
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

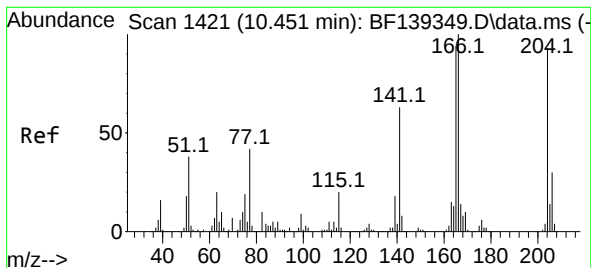
Tgt Ion:232 Resp: 87579
Ion Ratio Lower Upper
232 100
131 45.9 40.7 61.1
130 2.6 2.2 3.2
166 30.5 25.0 37.6



#60
Diethylphthalate
Concen: 45.413 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:149 Resp: 380643
Ion Ratio Lower Upper
149 100
177 21.5 16.6 24.8
150 12.8 10.6 15.8

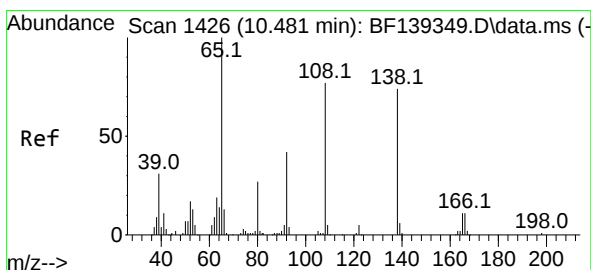
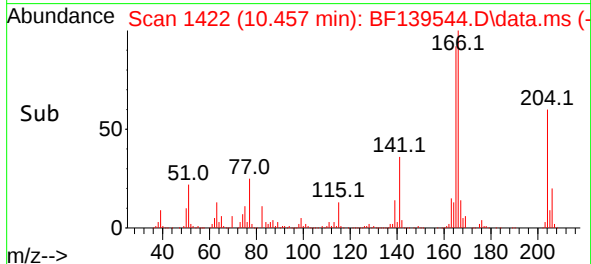
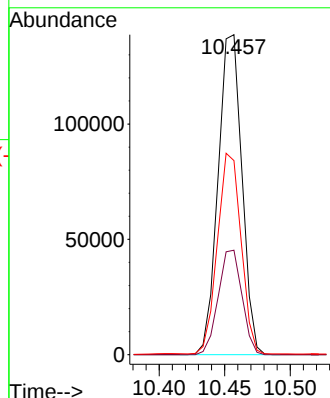
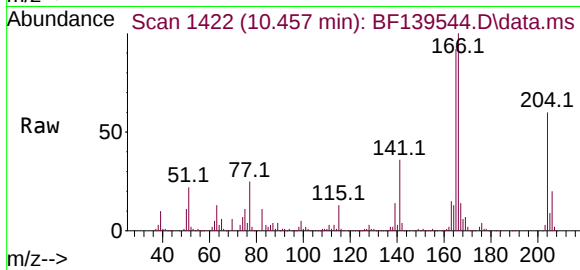




#61
4-Chlorophenyl-phenylether
Concen: 42.383 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

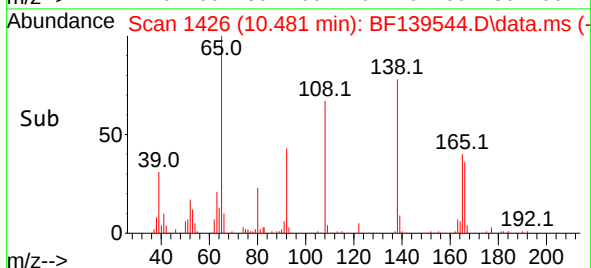
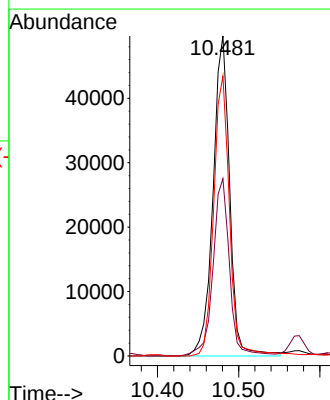
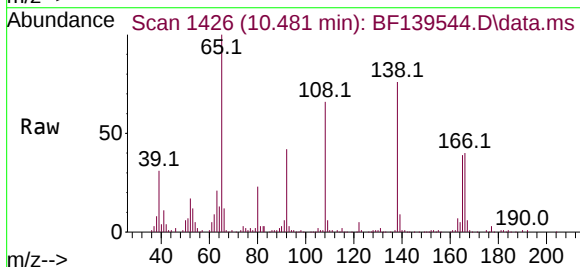
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

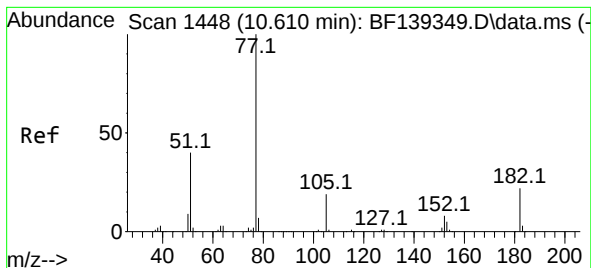
Tgt Ion:204 Resp: 175177
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 60.6 53.9 80.9



#62
4-Nitroaniline
Concen: 36.069 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:138 Resp: 70787
Ion Ratio Lower Upper
138 100
92 55.4 37.0 77.0
108 87.5 84.4 124.4





#63

Azobenzene

Concen: 51.737 ng

RT: 10.616 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

Tgt Ion: 77 Resp: 426516

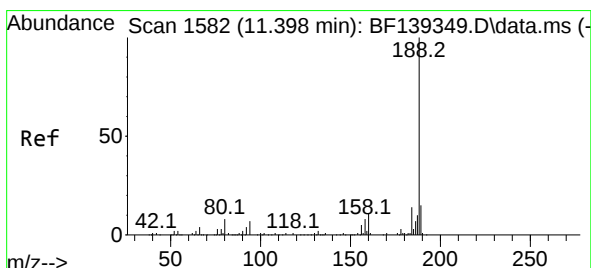
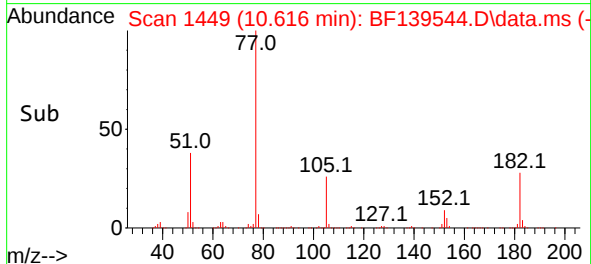
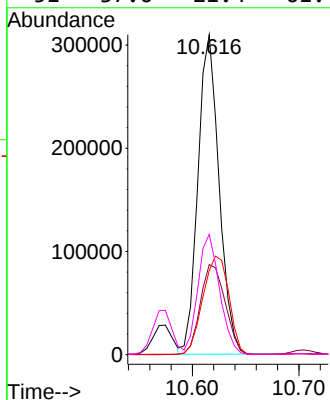
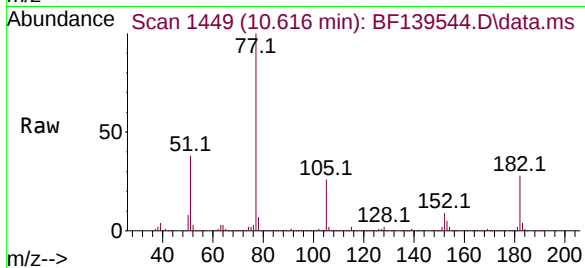
Ion Ratio Lower Upper

77 100

182 28.2 1.8 41.8

105 26.3 0.0 38.6

51 37.6 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: BF139544.D

Acq: 25 Sep 2024 22:37

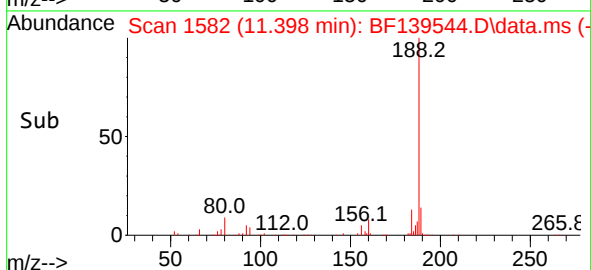
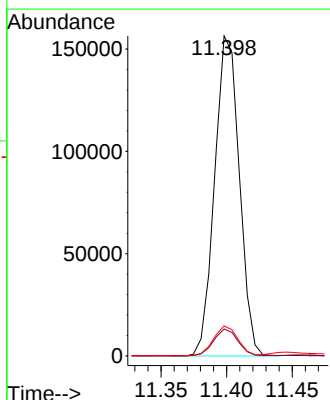
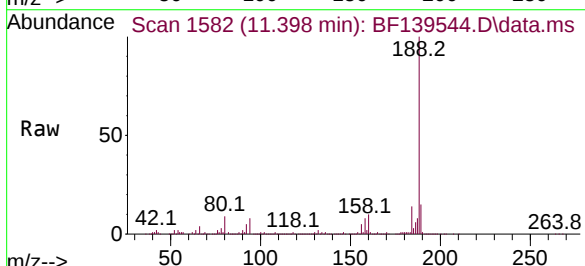
Tgt Ion: 188 Resp: 204540

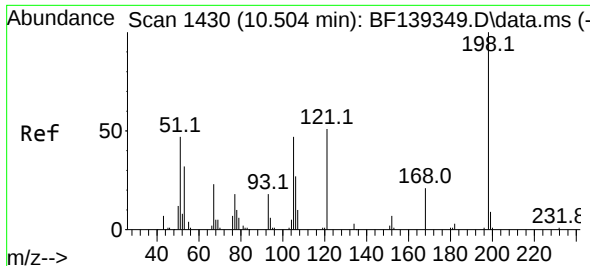
Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 9.4 6.6 9.8

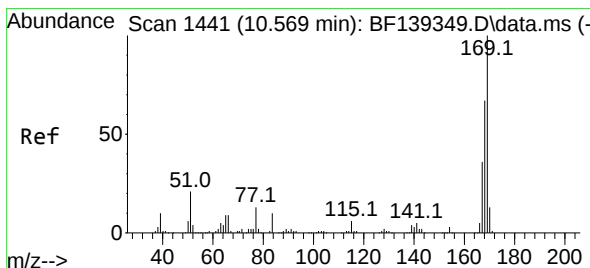
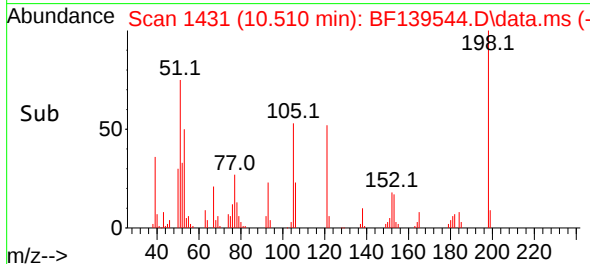
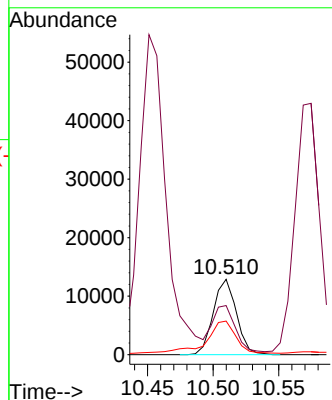
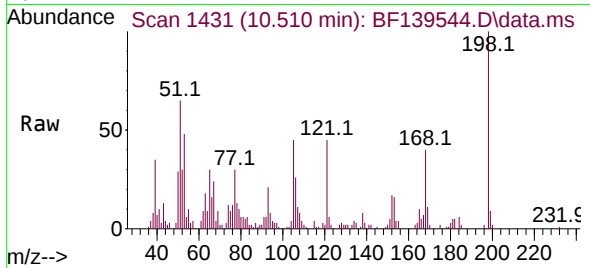




#65
4,6-Dinitro-2-methylphenol
Concen: 14.632 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

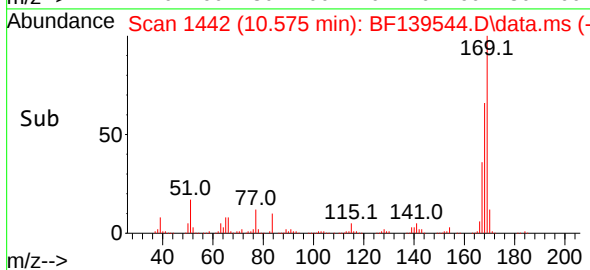
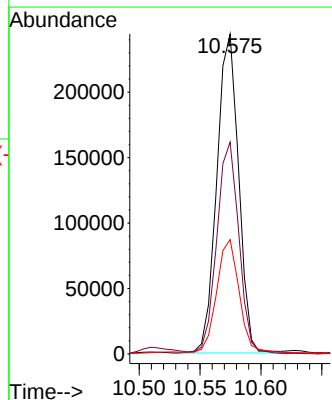
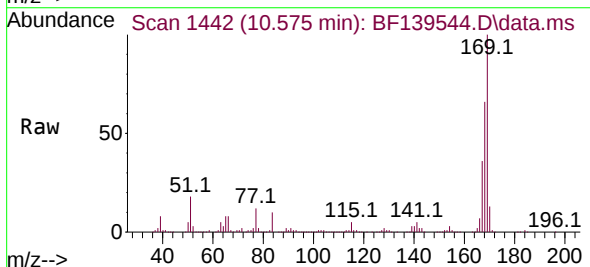
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

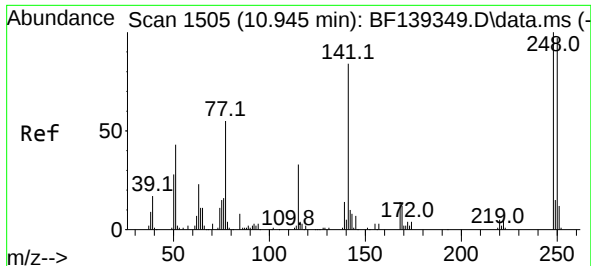
Tgt Ion:198 Resp: 15796
Ion Ratio Lower Upper
198 100
51 65.1 50.4 90.4
105 44.6 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 50.847 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:169 Resp: 304066
Ion Ratio Lower Upper
169 100
168 66.2 53.6 80.4
167 35.7 28.7 43.1

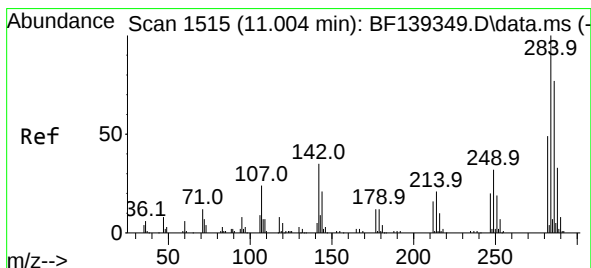
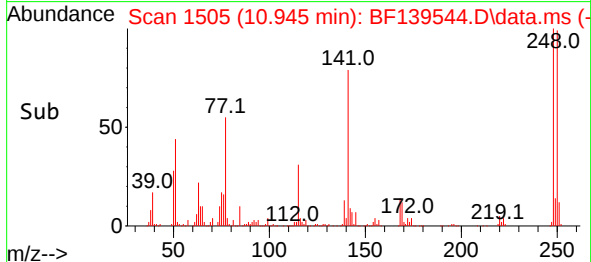
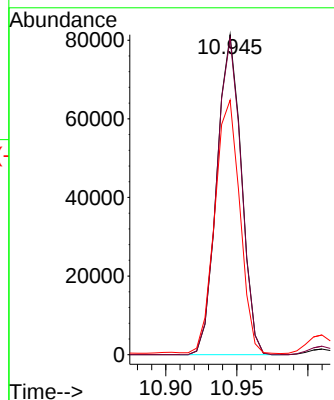
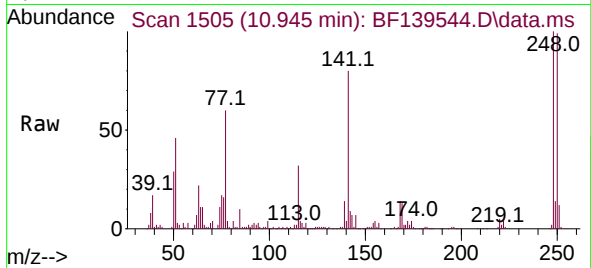




#67
4-Bromophenyl-phenylether
Concen: 48.052 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

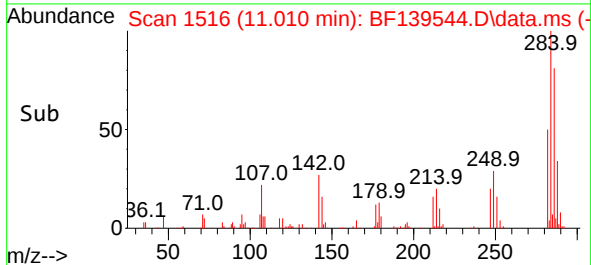
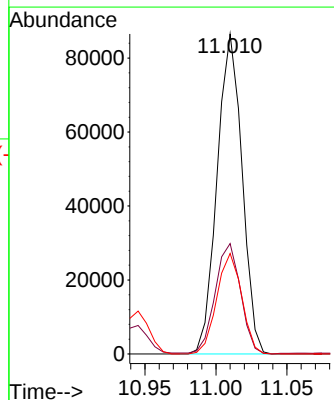
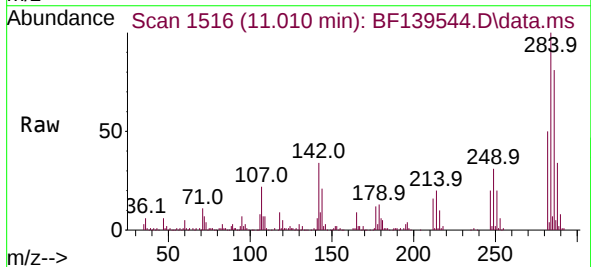
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

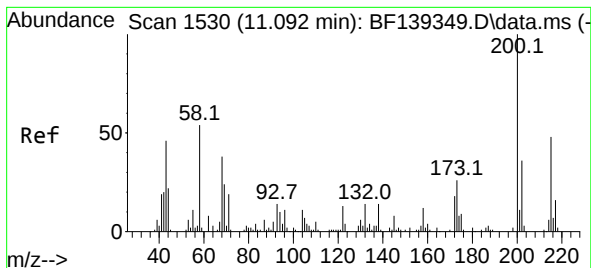
Tgt Ion:248 Resp: 97399
Ion Ratio Lower Upper
248 100
250 98.9 77.6 116.4
141 79.5 66.9 100.3



#68
Hexachlorobenzene
Concen: 44.416 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:284 Resp: 105661
Ion Ratio Lower Upper
284 100
142 34.5 28.0 42.0
249 31.4 25.3 37.9





#69

Atrazine

Concen: 65.525 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

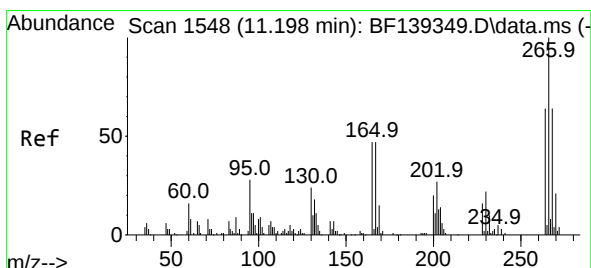
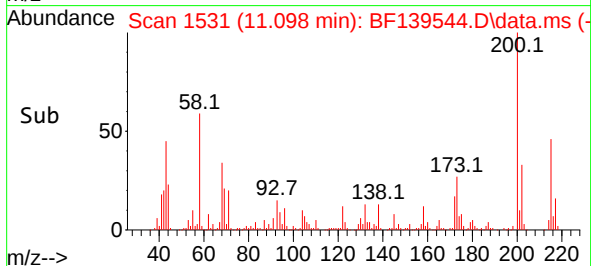
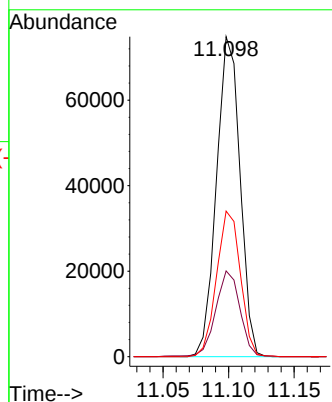
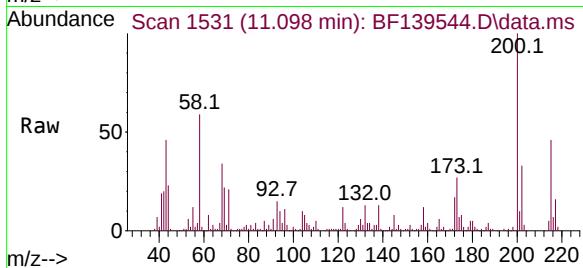
Tgt Ion:200 Resp: 93286

Ion Ratio Lower Upper

200 100

173 26.8 6.1 46.1

215 45.5 28.2 68.2



#70

Pentachlorophenol

Concen: 80.632 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

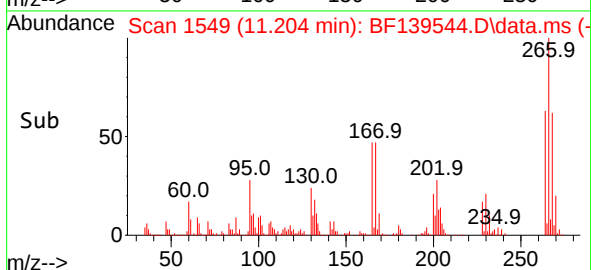
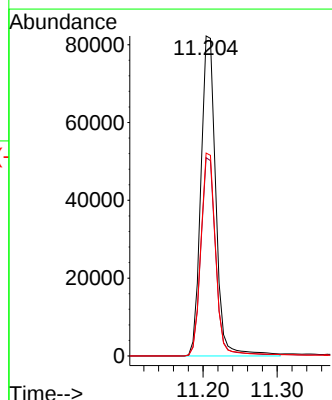
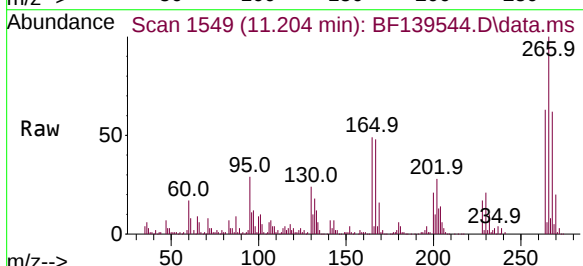
Tgt Ion:266 Resp: 115096

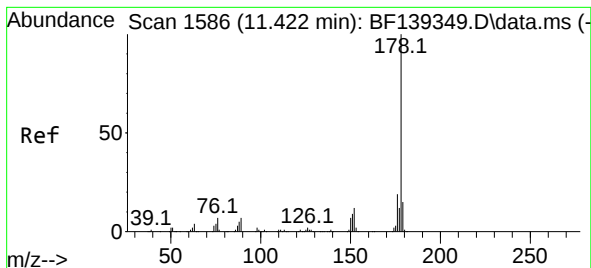
Ion Ratio Lower Upper

266 100

268 61.9 51.1 76.7

264 63.4 51.4 77.0





#71

Phenanthrene

Concen: 61.810 ng

RT: 11.428 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

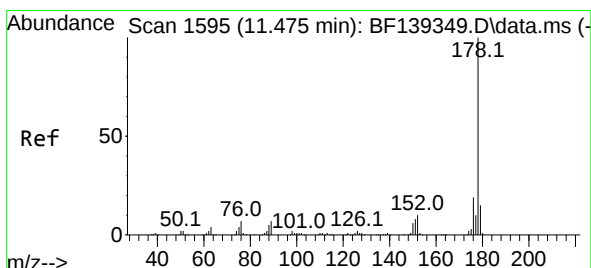
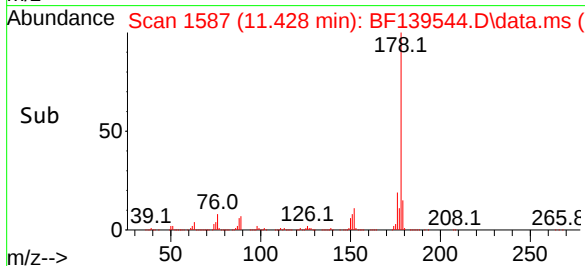
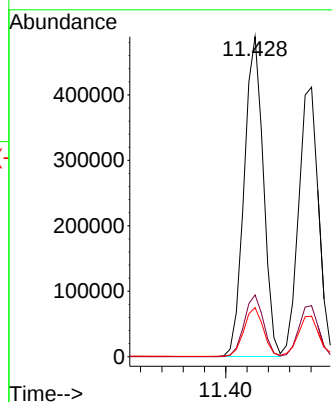
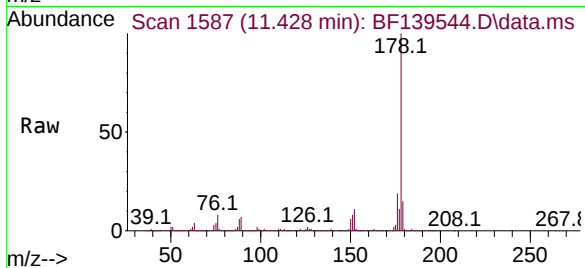
Tgt Ion:178 Resp: 609954

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

179 15.4 12.2 18.4



#72

Anthracene

Concen: 54.841 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

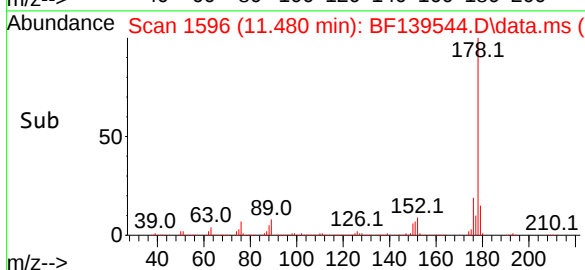
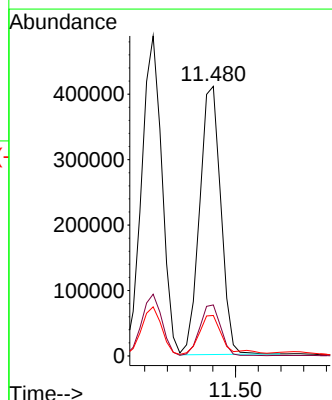
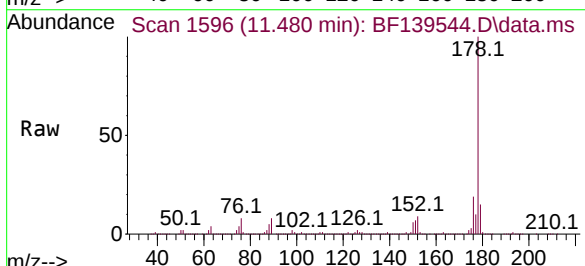
Tgt Ion:178 Resp: 529128

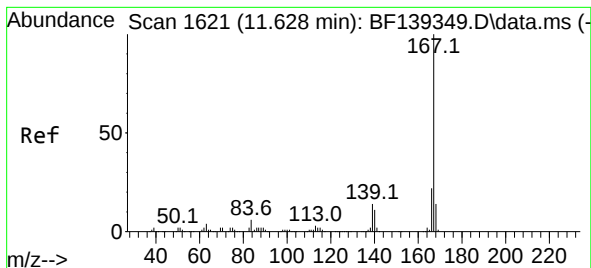
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

179 15.0 12.0 18.0





#73

Carbazole

Concen: 48.529 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

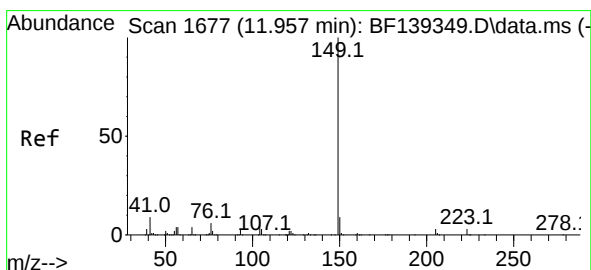
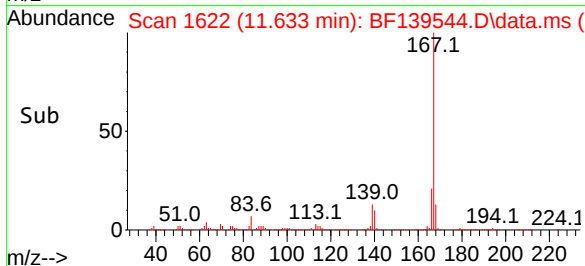
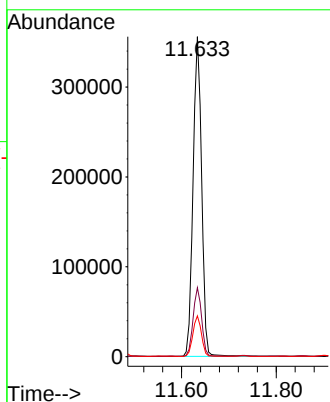
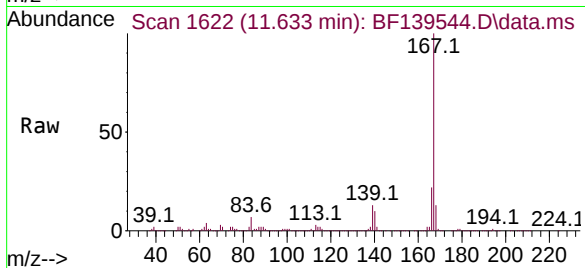
Tgt Ion:167 Resp: 448133

Ion Ratio Lower Upper

167 100

166 21.5 17.5 26.3

139 12.7 10.9 16.3



#74

Di-n-butylphthalate

Concen: 51.037 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

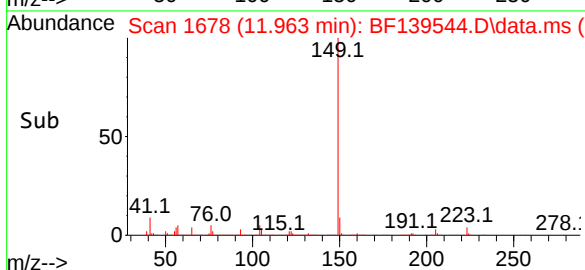
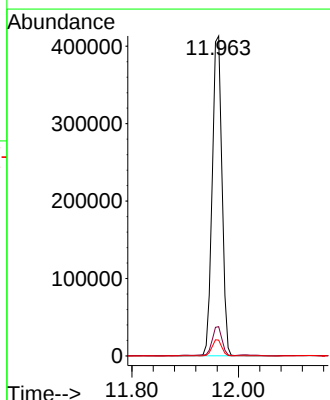
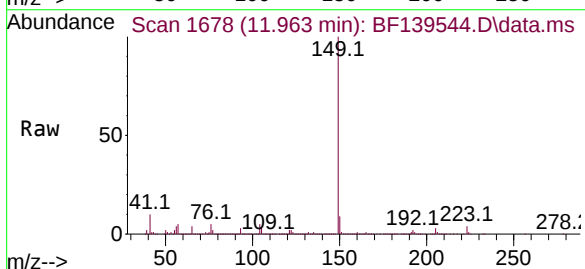
Tgt Ion:149 Resp: 525015

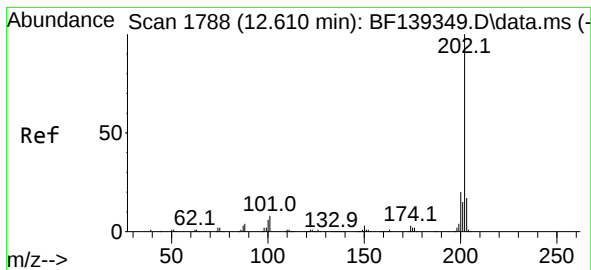
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 88.896 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

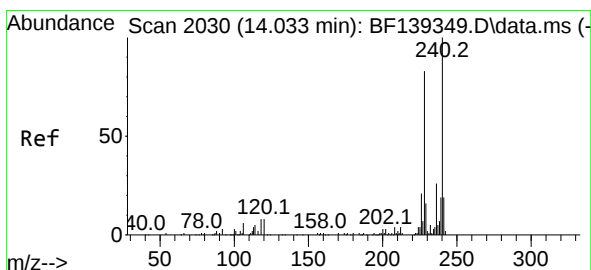
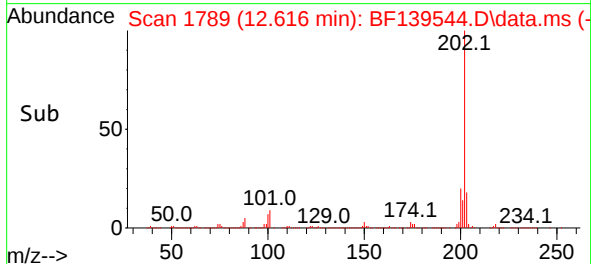
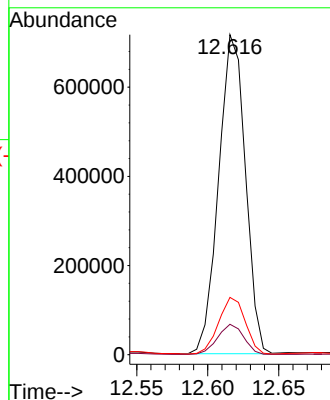
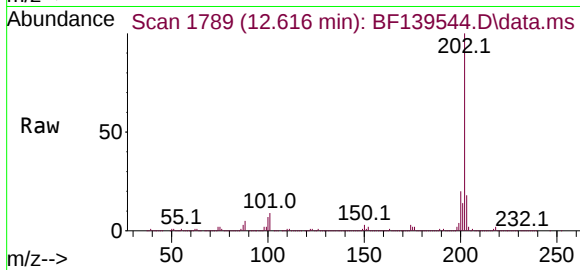
Tgt Ion:202 Resp: 936828

Ion Ratio Lower Upper

202 100

101 9.5 0.0 27.7

203 17.9 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.012 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

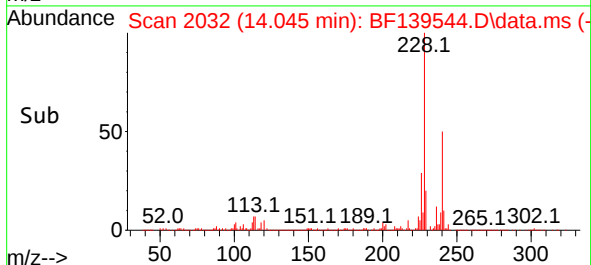
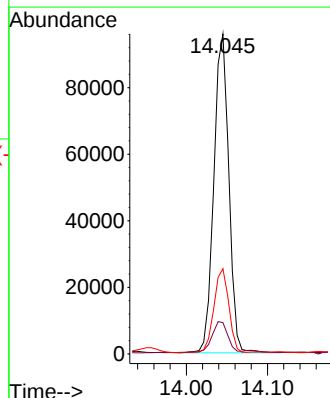
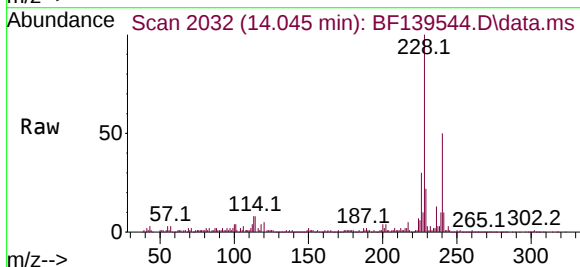
Tgt Ion:240 Resp: 122880

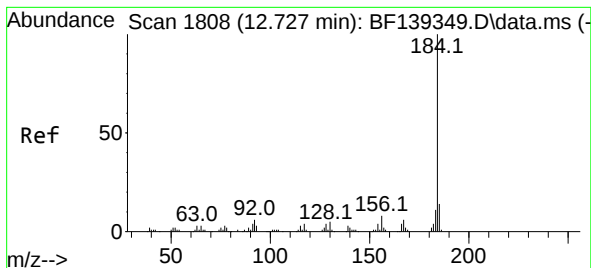
Ion Ratio Lower Upper

240 100

120 9.8 6.2 9.2#

236 26.7 20.9 31.3





#77

Benzidine

Concen: 50.337 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.012 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

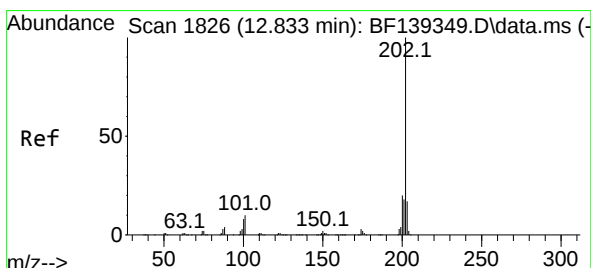
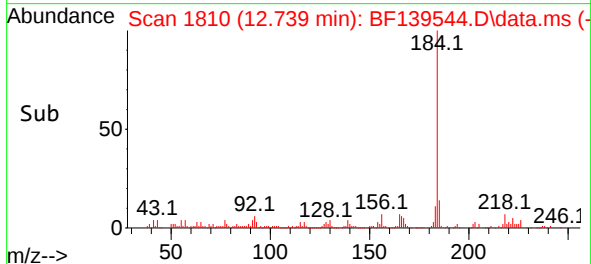
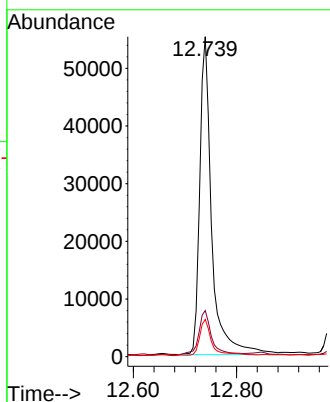
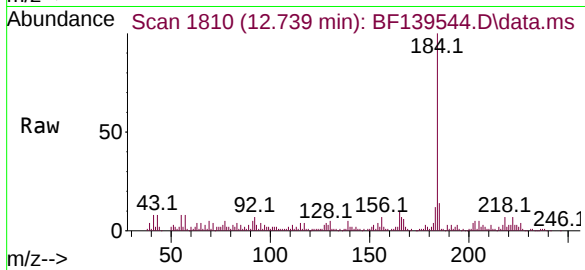
Tgt Ion:184 Resp: 88619

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

183 11.6 8.9 13.3



#78

Pyrene

Concen: 95.459 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.012 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

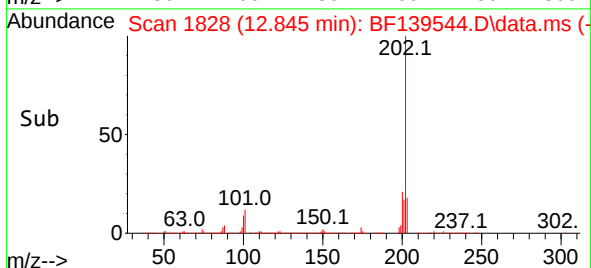
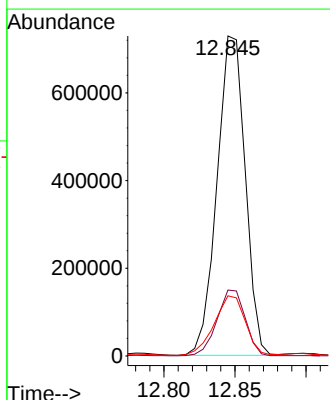
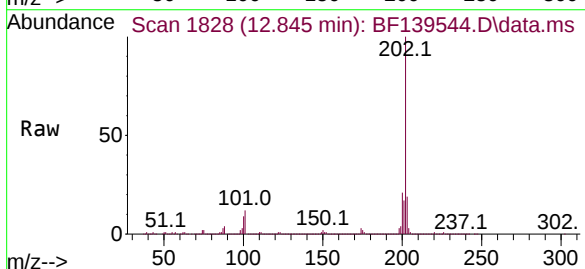
Tgt Ion:202 Resp: 1007177

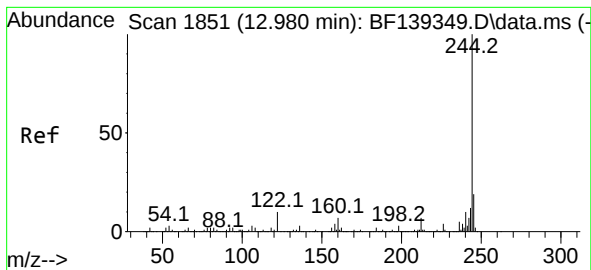
Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

203 18.8 13.9 20.9





#79

Terphenyl-d14

Concen: 67.272 ng

RT: 12.986 min Scan# 1851

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

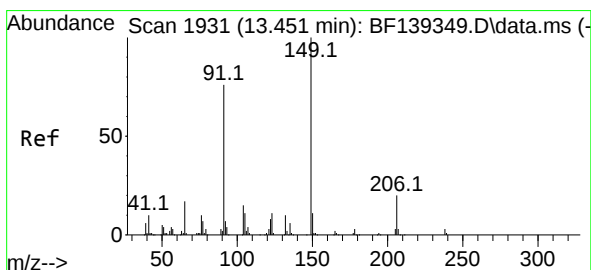
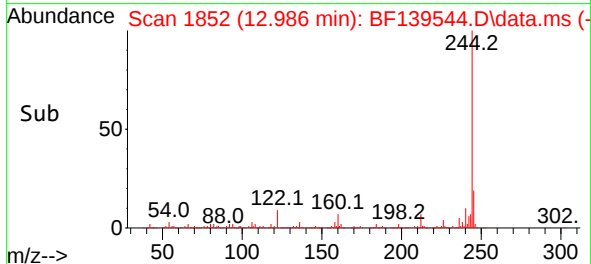
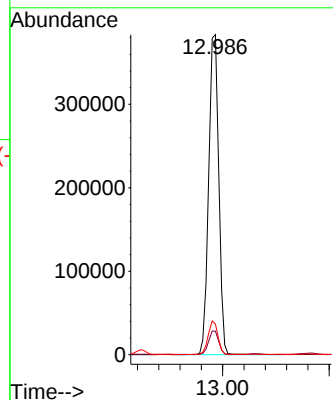
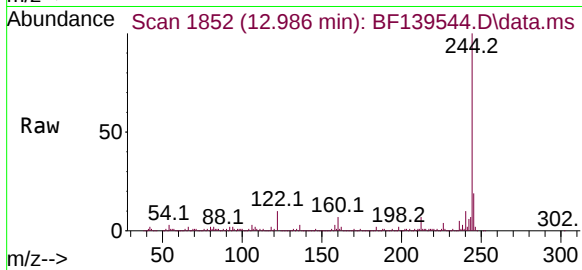
Tgt Ion:244 Resp: 503624

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.6 7.6 11.4



#80

Butylbenzylphthalate

Concen: 57.130 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

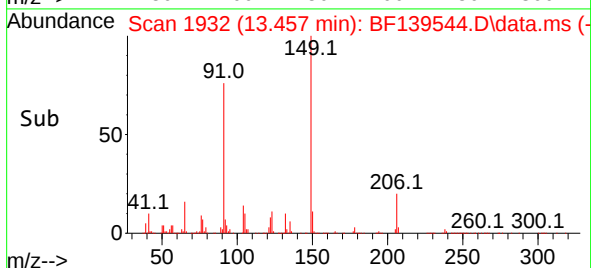
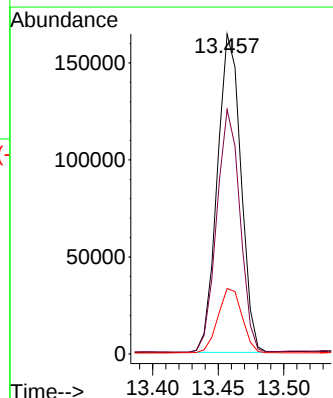
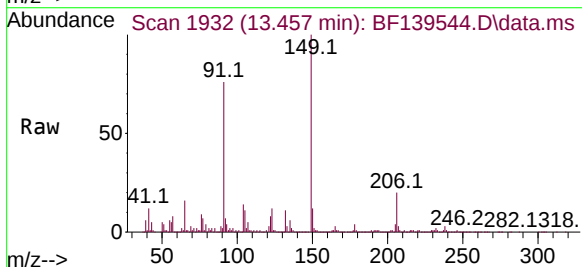
Tgt Ion:149 Resp: 205173

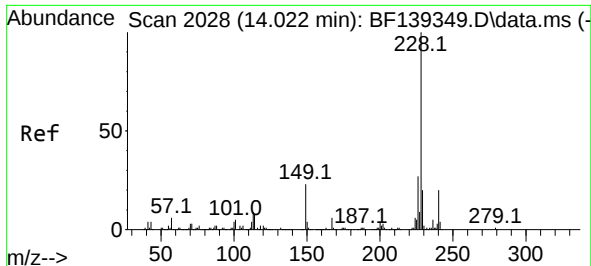
Ion Ratio Lower Upper

149 100

91 76.3 60.9 91.3

206 20.4 15.8 23.8

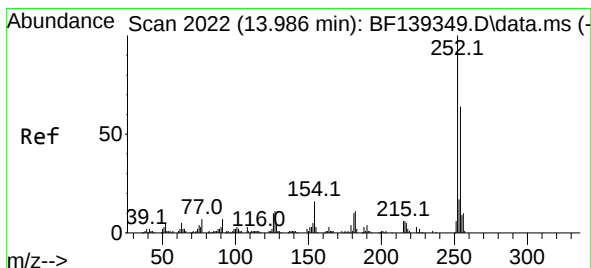
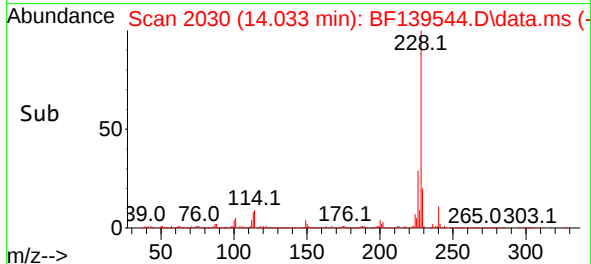
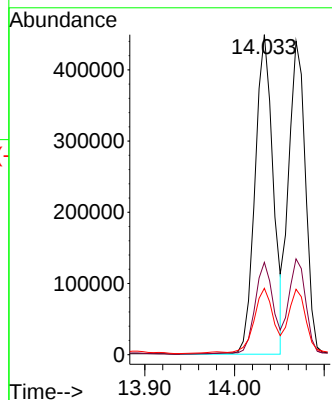
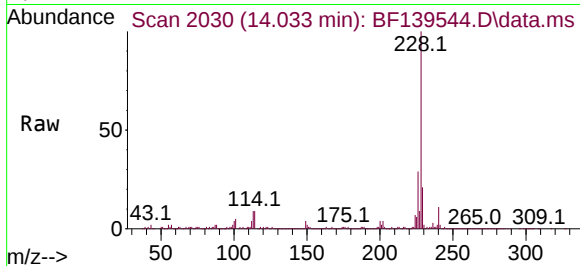




#81
Benzo(a)anthracene
Concen: 77.767 ng
RT: 14.033 min Scan# 2028
Delta R.T. 0.012 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

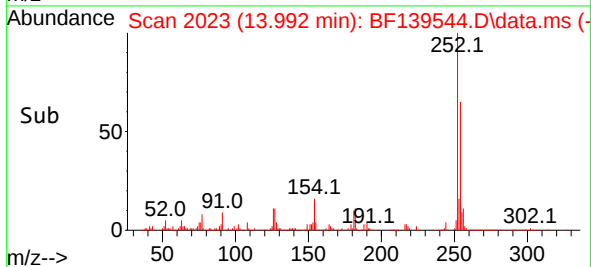
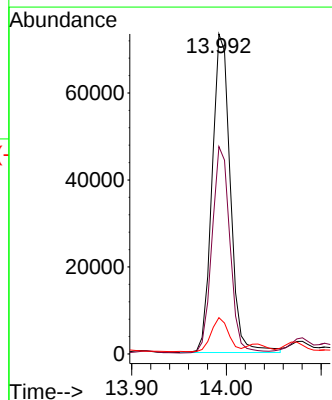
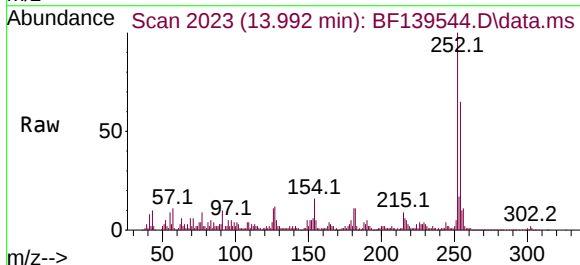
Instrument :
BNA_F
ClientSampleId :
VNJ231MS

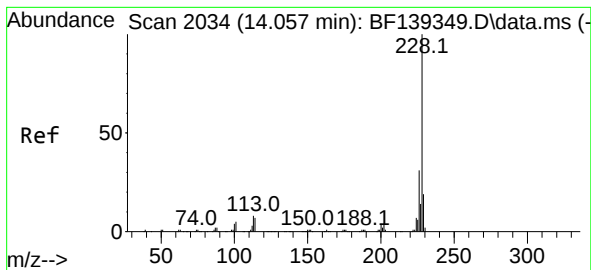
Tgt Ion:228 Resp: 632991
Ion Ratio Lower Upper
228 100
226 28.9 21.6 32.4
229 20.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 40.915 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139544.D
Acq: 25 Sep 2024 22:37

Tgt Ion:252 Resp: 97529
Ion Ratio Lower Upper
252 100
254 64.8 51.4 77.2
126 11.4 7.7 11.5





#83

Chrysene

Concen: 75.832 ng

RT: 14.069 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

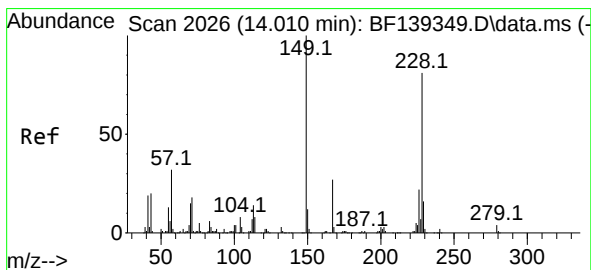
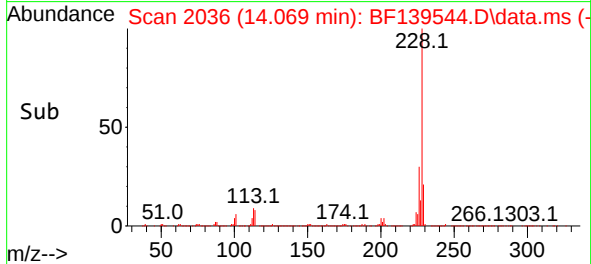
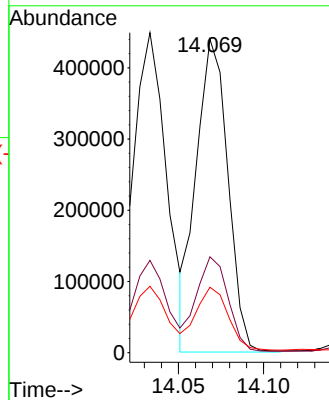
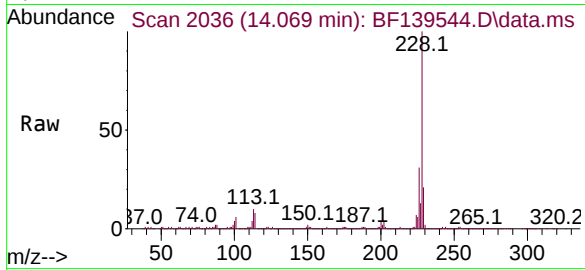
Tgt Ion:228 Resp: 567863

Ion Ratio Lower Upper

228 100

226 30.6 24.1 36.1

229 20.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.926 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

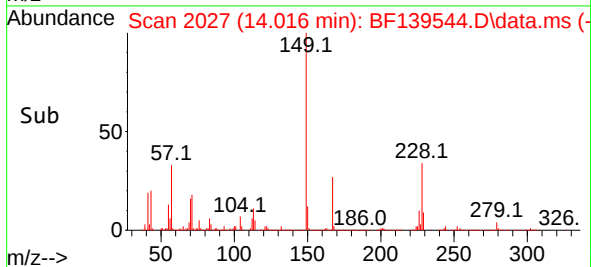
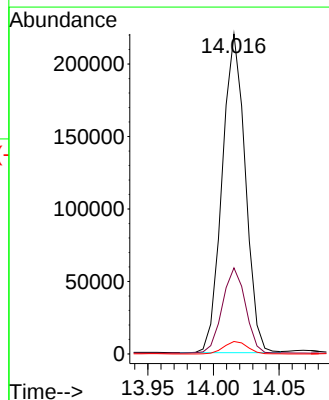
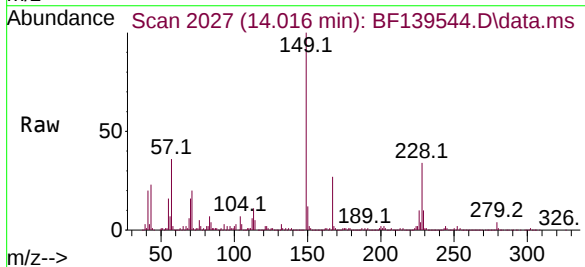
Tgt Ion:149 Resp: 269210

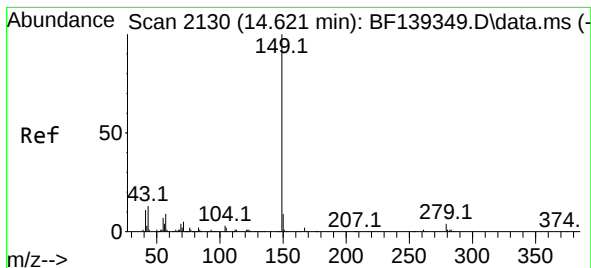
Ion Ratio Lower Upper

149 100

167 26.9 21.6 32.4

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 61.109 ng

RT: 14.627 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

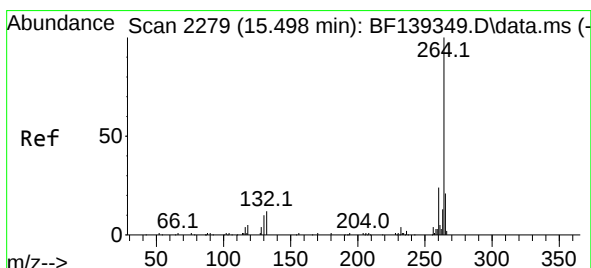
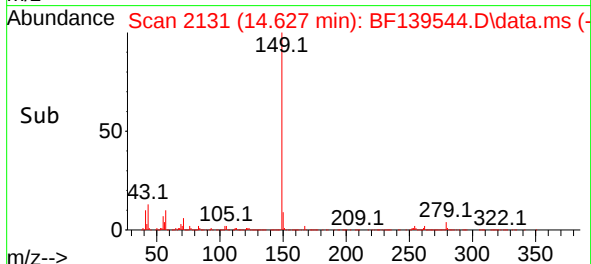
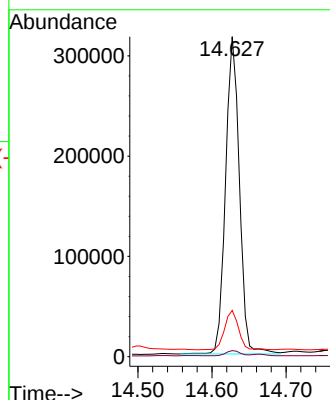
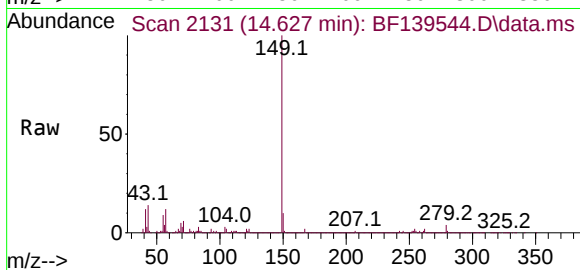
Tgt Ion:149 Resp: 411155

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 12.5 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. 0.018 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

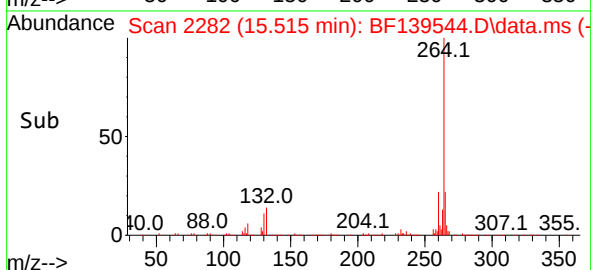
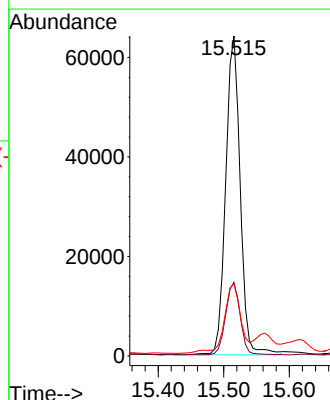
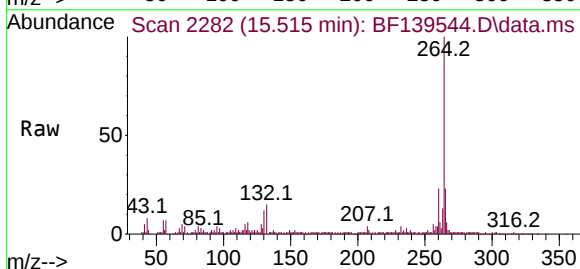
Tgt Ion:264 Resp: 98310

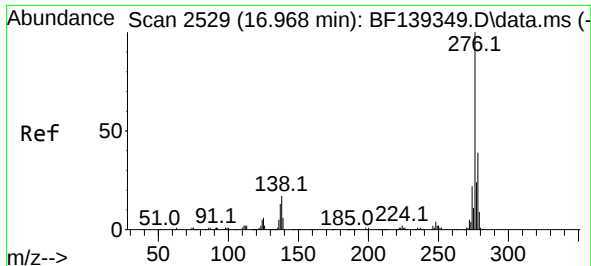
Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 22.6 16.6 25.0

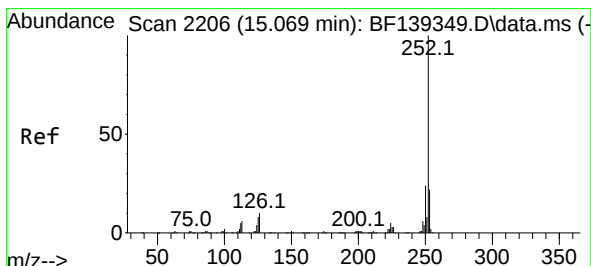
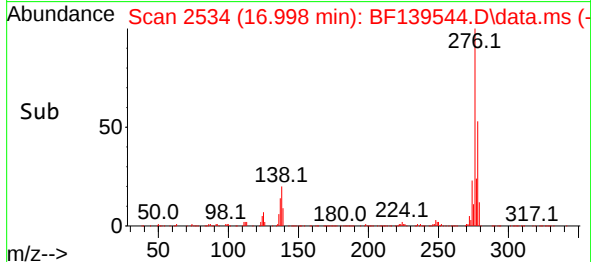
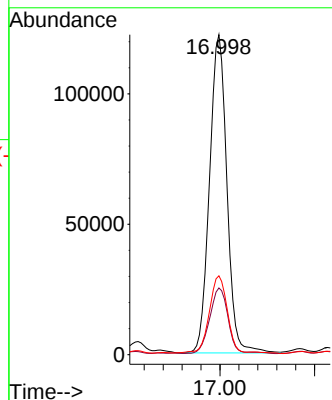
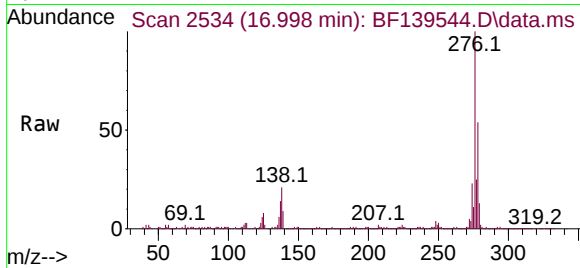




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 53.240 ng
 RT: 16.998 min Scan# 2114
 Delta R.T. 0.029 min
 Lab File: BF139544.D
 Acq: 25 Sep 2024 22:37

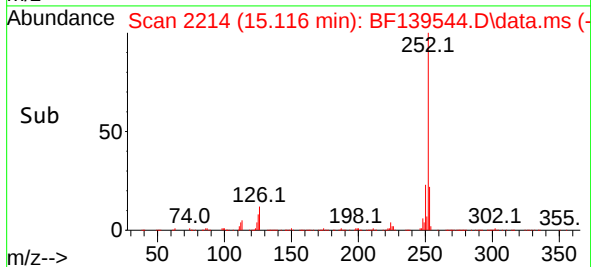
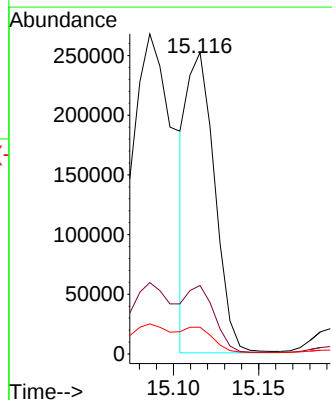
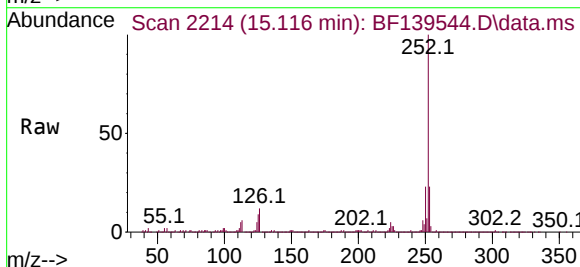
Instrument :
 BNA_F
 ClientSampleId :
 VNJ231MS

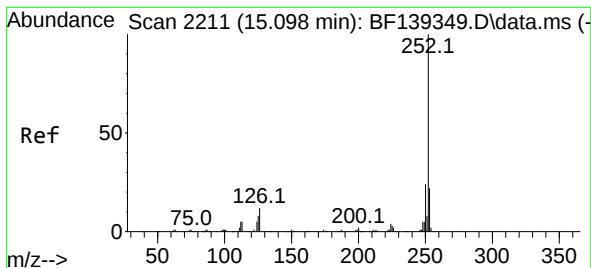
Tgt Ion:276 Resp: 311232
 Ion Ratio Lower Upper
 276 100
 138 21.9 15.4 23.2
 277 24.7 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 46.821 ng
 RT: 15.116 min Scan# 2214
 Delta R.T. 0.047 min
 Lab File: BF139544.D
 Acq: 25 Sep 2024 22:37

Tgt Ion:252 Resp: 283881
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.6 26.4
 125 8.9 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 50.780 ng

RT: 15.116 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

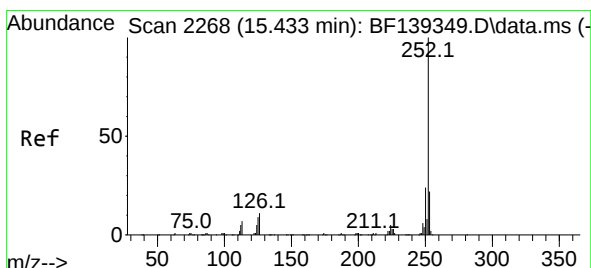
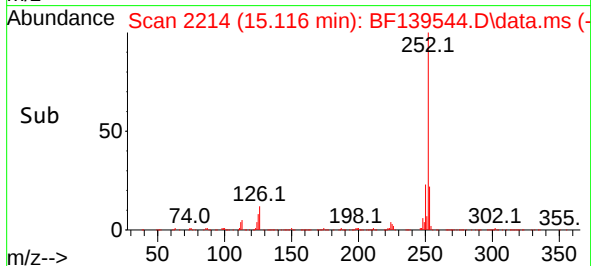
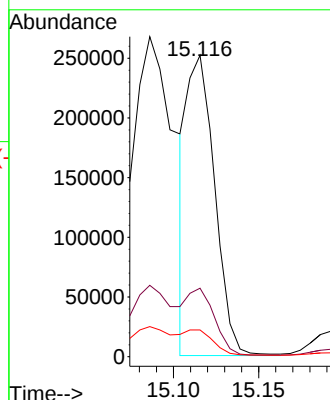
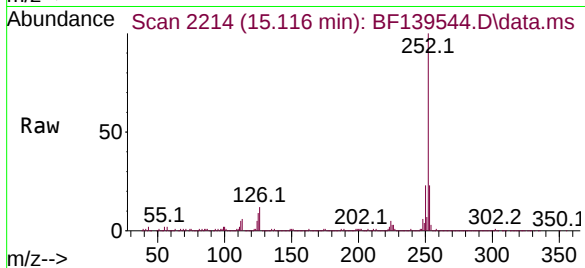
Tgt Ion:252 Resp: 283881

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

125 8.9 5.9 8.9#



#90

Benzo(a)pyrene

Concen: 71.762 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.023 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

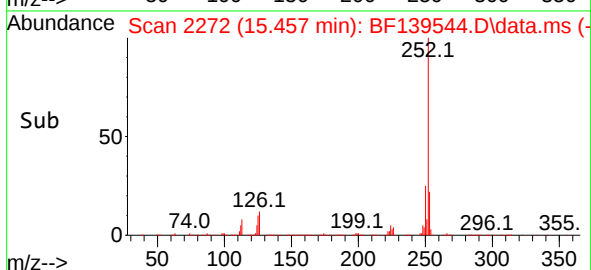
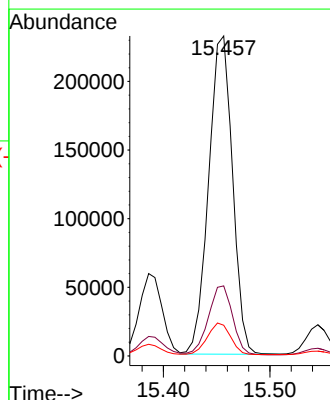
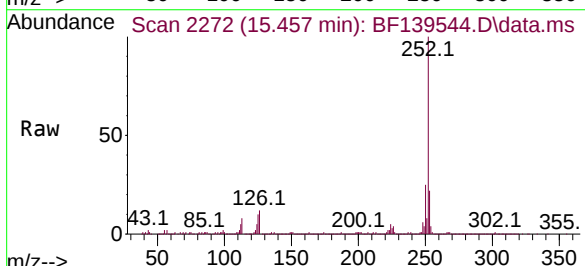
Tgt Ion:252 Resp: 360849

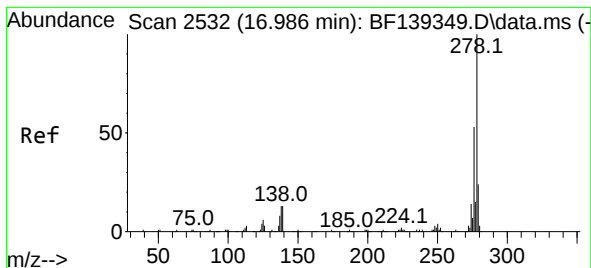
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.6 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 44.479 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Instrument :

BNA_F

ClientSampleId :

VNJ231MS

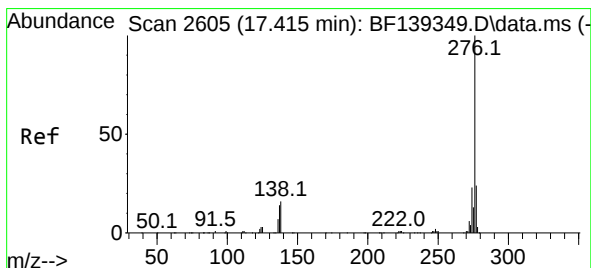
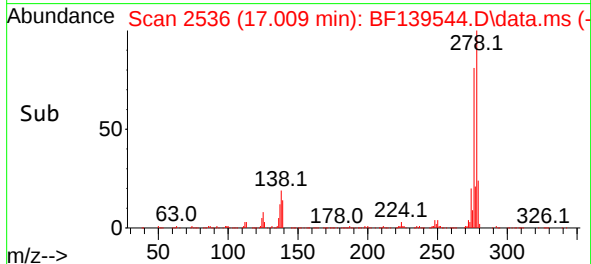
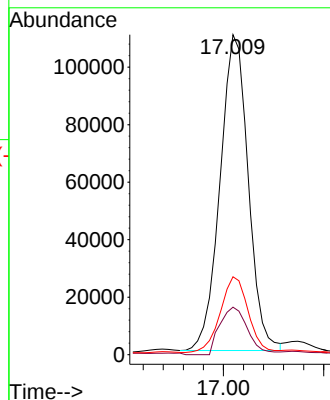
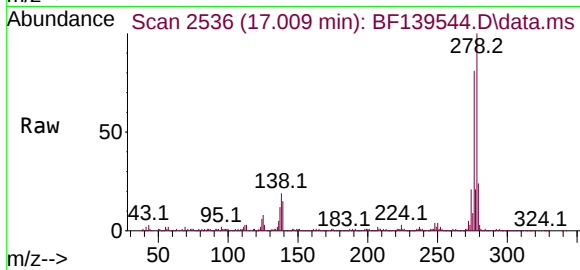
Tgt Ion:278 Resp: 214855

Ion Ratio Lower Upper

278 100

139 14.8 10.2 15.2

279 24.3 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 51.226 ng

RT: 17.445 min Scan# 2610

Delta R.T. 0.029 min

Lab File: BF139544.D

Acq: 25 Sep 2024 22:37

Tgt Ion:276 Resp: 245006

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 19.8 13.0 19.6#

