

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139333.D
 Acq On : 11 Sep 2024 18:39
 Operator : RC/JU
 Sample : P3929-03MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930MS

Quant Time: Sep 12 05:14:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	66167	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	407056	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	205609	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	302199	20.000	ng	0.00
76) Chrysene-d12	14.045	240	190394	20.000	ng	0.00
86) Perylene-d12	15.515	264	157374	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	461087	116.574	ng	0.00
7) Phenol-d6	6.516	99	603183	114.234	ng	0.00
23) Nitrobenzene-d5	7.451	82	411248	52.559	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	198577	111.845	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1108234	83.202	ng	0.00
79) Terphenyl-d14	12.992	244	800196	67.858	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	63225	34.325	ng	94
3) Pyridine	3.493	79	133944	30.126	ng	97
4) n-Nitrosodimethylamine	3.457	42	135907	47.072	ng	84
6) Aniline	6.545	93	106733	21.982	ng	# 57
8) 2-Chlorophenol	6.669	128	199939	48.775	ng	99
9) Benzaldehyde	6.434	77	46599	14.579	ng	96
10) Phenol	6.534	94	258086	46.339	ng	90
11) bis(2-Chloroethyl)ether	6.622	93	189687	47.539	ng	99
12) 1,3-Dichlorobenzene	6.828	146	215766	46.503	ng	97
13) 1,4-Dichlorobenzene	6.904	146	220429	47.465	ng	98
14) 1,2-Dichlorobenzene	7.057	146	208844	48.218	ng	100
15) Benzyl Alcohol	7.028	79	203861	52.941	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	337976	44.495	ng	92
17) 2-Methylphenol	7.140	107	161715	48.296	ng	# 93
18) Hexachloroethane	7.398	117	83084	50.091	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	162266	53.358	ng	99
20) 3+4-Methylphenols	7.292	107	216667	51.342	ng	# 83
22) Acetophenone	7.292	105	302608	31.205	ng	95
24) Nitrobenzene	7.469	77	245379	29.546	ng	97
25) Isophorone	7.704	82	667103	49.868	ng	100
26) 2-Nitrophenol	7.781	139	173083	53.063	ng	97
27) 2,4-Dimethylphenol	7.822	122	270340	58.113	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	391742	49.151	ng	99
29) 2,4-Dichlorophenol	8.022	162	272604	48.941	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	290608	45.682	ng	100
31) Naphthalene	8.192	128	959949	46.568	ng	100
32) Benzoic acid	7.939	122	207361	48.937	ng	98
33) 4-Chloroaniline	8.239	127	56097	7.859	ng	98
34) Hexachlorobutadiene	8.304	225	193015	47.882	ng	100
35) Caprolactam	8.610	113	63915	37.066	ng	93
36) 4-Chloro-3-methylphenol	8.722	107	291549	48.033	ng	98
37) 2-Methylnaphthalene	8.881	142	620067	48.078	ng	99
38) 1-Methylnaphthalene	8.981	142	567449	44.737	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	293876	50.518	ng	99
41) Hexachlorocyclopentadiene	9.034	237	236955	126.747	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	201640	52.978	ng	100

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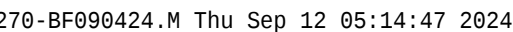
Instrument :
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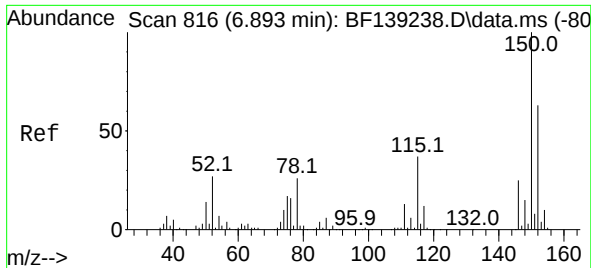
Quant Time: Sep 12 05:14:37 2024
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	194622	48.796	ng	99
46) 1,1'-Biphenyl	9.345	154	754161	49.506	ng	100
47) 2-Chloronaphthalene	9.369	162	552276	48.013	ng	99
48) 2-Nitroaniline	9.463	65	198119	50.005	ng	98
49) Acenaphthylene	9.786	152	884581	51.059	ng	100
50) Dimethylphthalate	9.645	163	668176	53.617	ng	100
51) 2,6-Dinitrotoluene	9.710	165	137412	48.605	ng	97
52) Acenaphthene	9.957	154	610391	53.120	ng	99
53) 3-Nitroaniline	9.875	138	80954	26.876	ng	99
54) 2,4-Dinitrophenol	9.981	184	133085	88.921	ng	# 68
55) Dibenzofuran	10.128	168	787909	47.826	ng	99
56) 4-Nitrophenol	10.033	139	199668	89.810	ng	98
57) 2,4-Dinitrotoluene	10.110	165	174175	48.404	ng	99
58) Fluorene	10.475	166	579765	45.390	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	152418	48.547	ng	99
60) Diethylphthalate	10.345	149	649397	52.952	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	298094	48.394	ng	98
62) 4-Nitroaniline	10.486	138	116769	40.725	ng	98
63) Azobenzene	10.622	77	658151	50.918	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	78650	56.326	ng	93
66) n-Nitrosodiphenylamine	10.581	169	512884	58.305	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	165666	56.502	ng	99
68) Hexachlorobenzene	11.016	284	171954	51.230	ng	99
69) Atrazine	11.110	200	149218	73.525	ng	99
70) Pentachlorophenol	11.210	266	196603	101.399	ng	97
71) Phenanthrene	11.433	178	735985	52.133	ng	100
72) Anthracene	11.486	178	739406	53.616	ng	100
73) Carbazole	11.639	167	631910	49.026	ng	100
74) Di-n-butylphthalate	11.969	149	798069	60.471	ng	99
75) Fluoranthene	12.622	202	887298	62.692	ng	99
77) Benzidine	12.739	184	170996	44.604	ng	99
78) Pyrene	12.851	202	829483	45.100	ng	100
80) Butylbenzylphthalate	13.469	149	290325	67.054	ng	98
81) Benzo(a)anthracene	14.039	228	683156	56.192	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	126415	39.154	ng	99
83) Chrysene	14.074	228	613170	54.039	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	415239	81.709	ng	99
85) Di-n-octyl phthalate	14.639	149	669476	68.808	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	424339	43.162	ng	97
88) Benzo(b)fluoranthene	15.086	252	547733	60.435	ng	99
89) Benzo(k)fluoranthene	15.116	252	432708	53.248	ng	99
90) Benzo(a)pyrene	15.457	252	431421	56.059	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	346954	42.823	ng	98
92) Benzo(g,h,i)perylene	17.445	276	316391	37.832	ng	97

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

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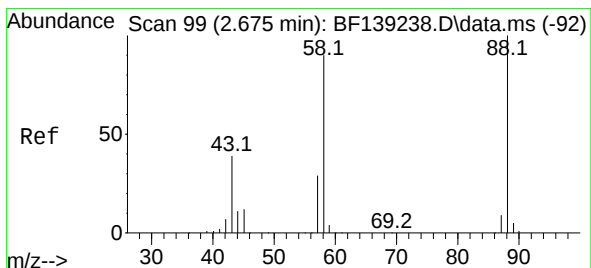
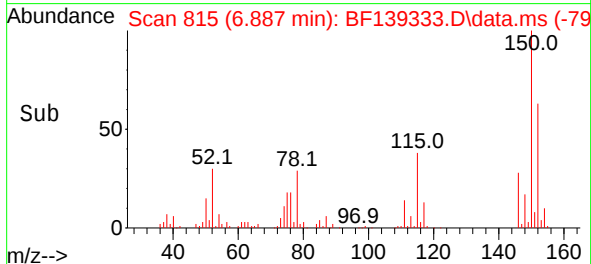
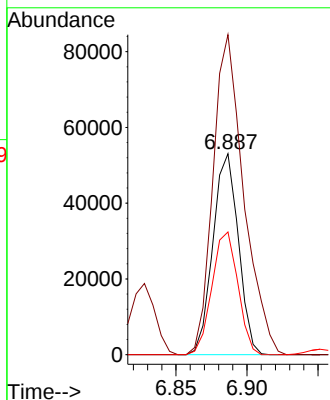
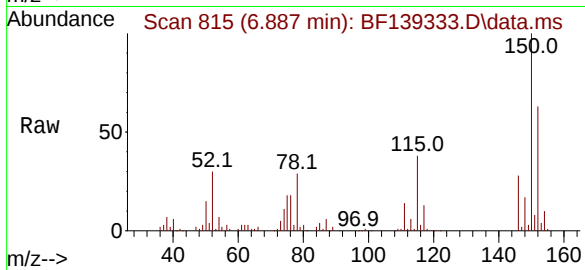




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

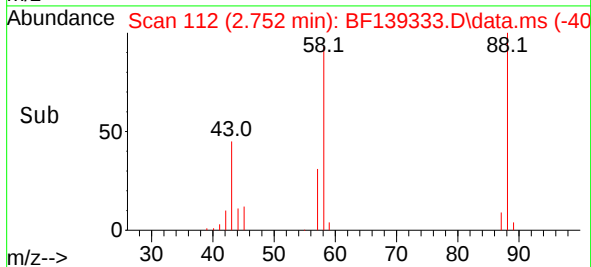
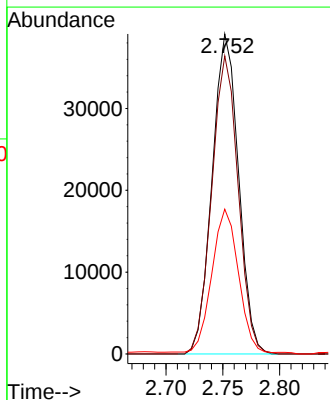
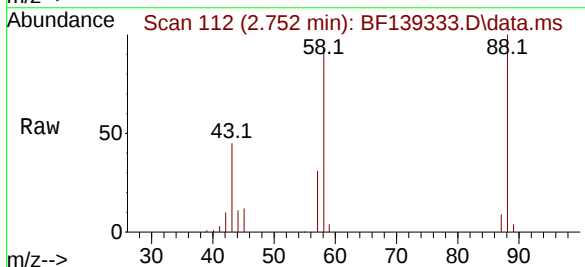
Instrument :
BNA_F
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72-11930MS

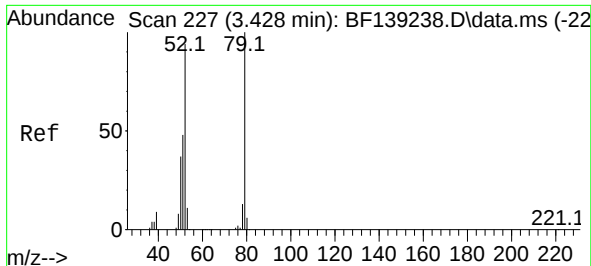
Tgt Ion:152 Resp: 66167
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.4
115 61.1 46.9 70.3



#2
1,4-Dioxane
Concen: 34.325 ng
RT: 2.752 min Scan# 112
Delta R.T. 0.076 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion: 88 Resp: 63225
Ion Ratio Lower Upper
88 100
58 93.3 72.5 108.7
43 46.5 31.4 47.2





#3

Pyridine

Concen: 30.126 ng

RT: 3.493 min Scan# 24

Delta R.T. 0.065 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

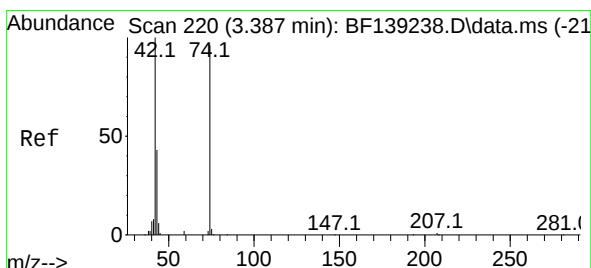
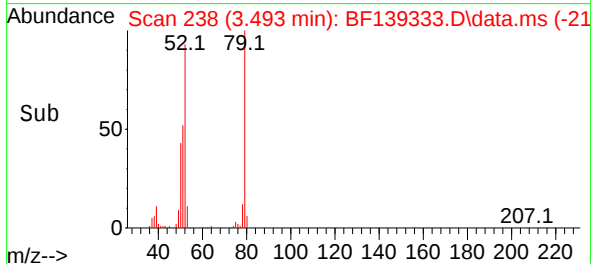
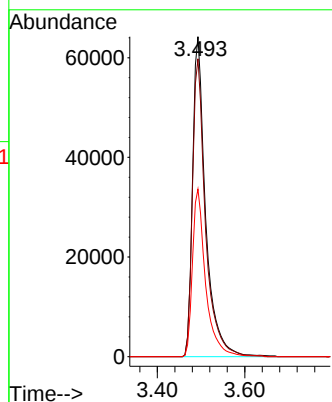
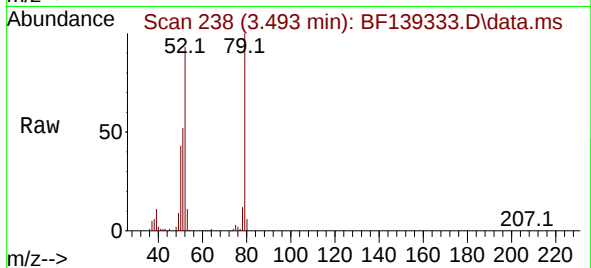
Tgt Ion: 79 Resp: 133944

Ion Ratio Lower Upper

79 100

52 93.1 75.3 112.9

51 52.3 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 47.072 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.070 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

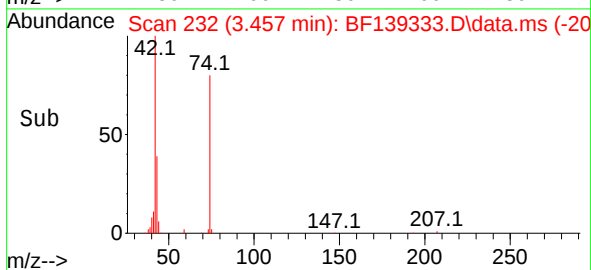
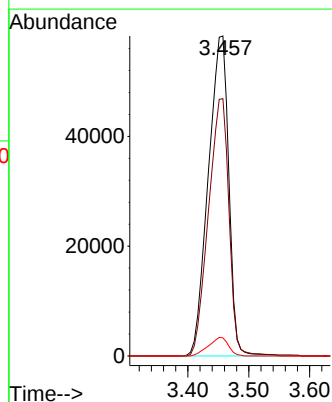
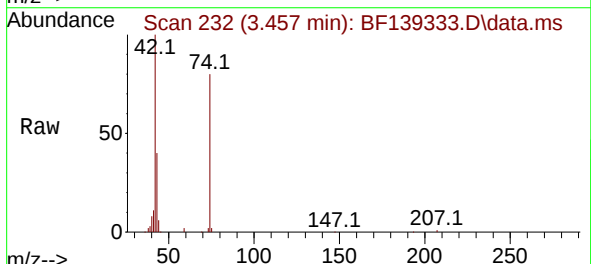
Tgt Ion: 42 Resp: 135907

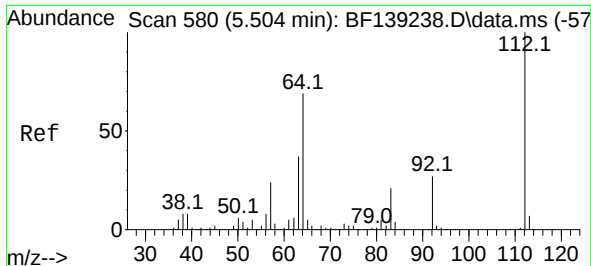
Ion Ratio Lower Upper

42 100

74 80.4 77.2 115.8

44 5.7 5.1 7.7

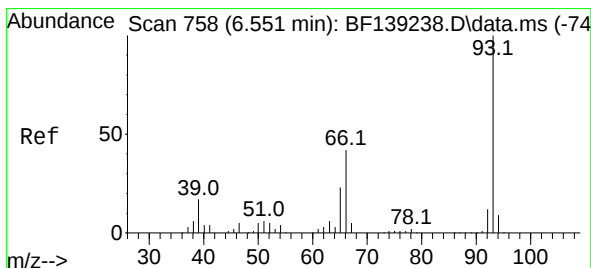
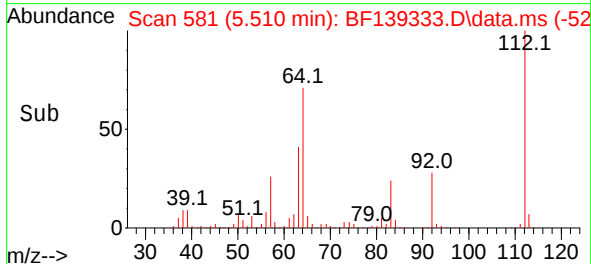
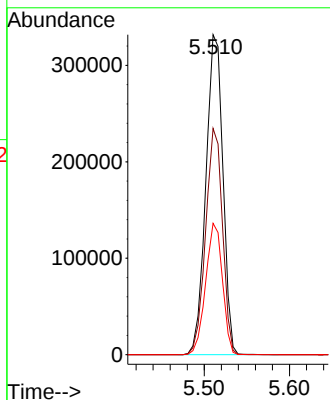
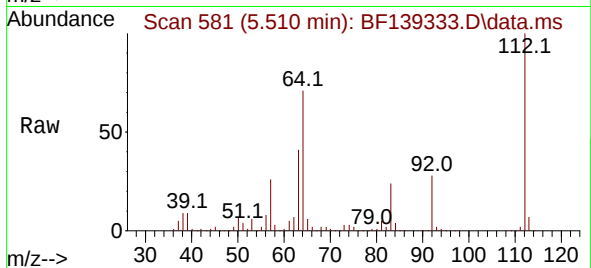




#5
2-Fluorophenol
Concen: 116.574 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

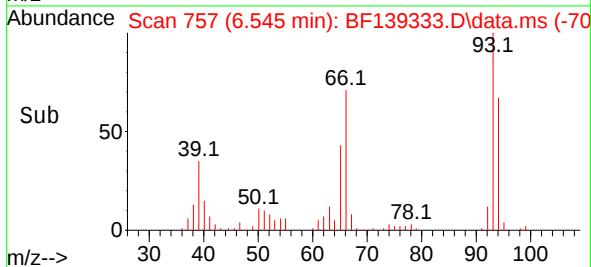
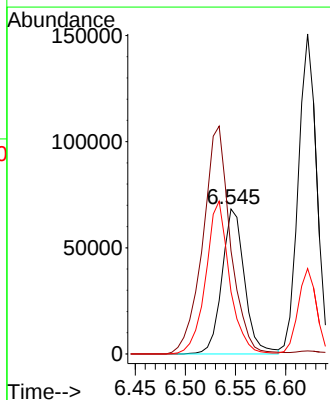
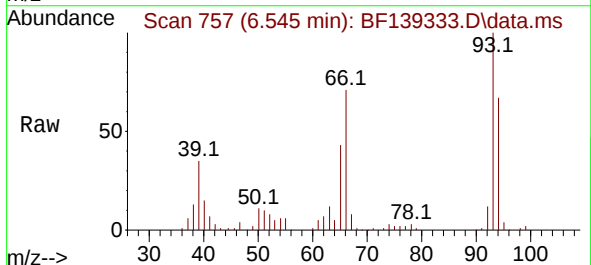
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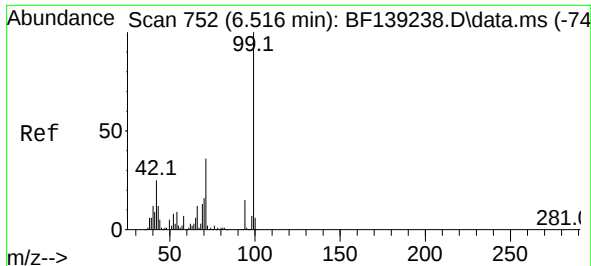
Tgt Ion:112 Resp: 461087
Ion Ratio Lower Upper
112 100
64 70.7 55.0 82.4
63 41.1 29.9 44.9



#6
Aniline
Concen: 21.982 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion: 93 Resp: 106733
Ion Ratio Lower Upper
93 100
66 71.2 34.4 51.6#
65 42.9 18.2 27.4#

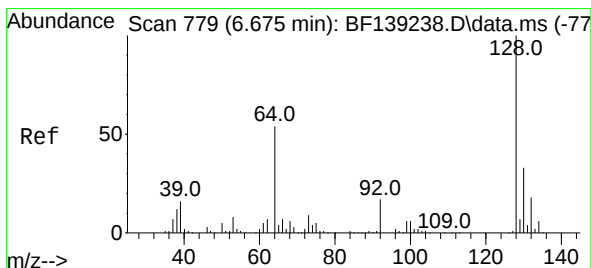
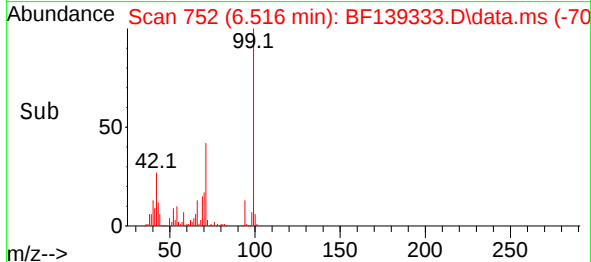
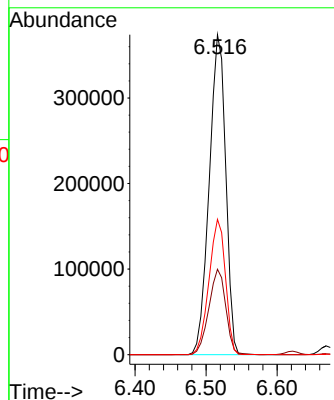
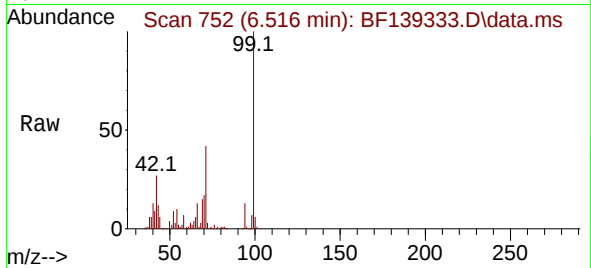




#7
Phenol-d6
Concen: 114.234 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

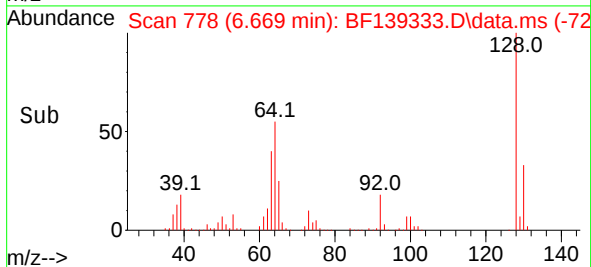
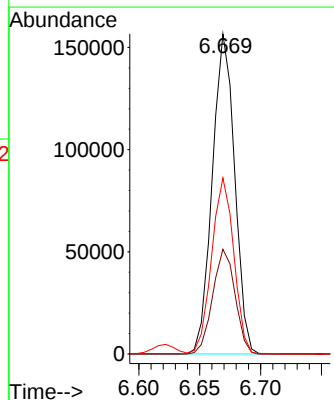
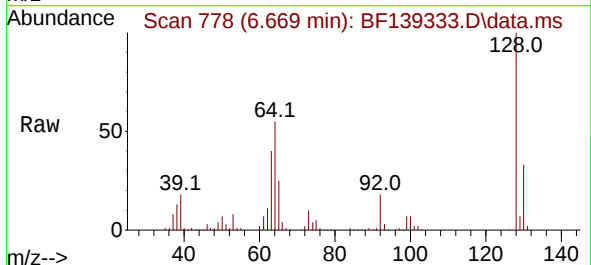
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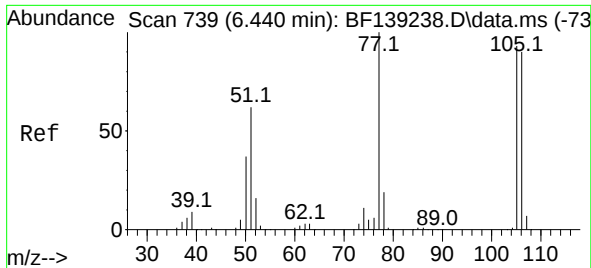
Tgt Ion: 99 Resp: 603183
Ion Ratio Lower Upper
99 100
42 26.7 19.8 29.6
71 42.3 28.8 43.2



#8
2-Chlorophenol
Concen: 48.775 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:128 Resp: 199939
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 55.0 36.6 76.6

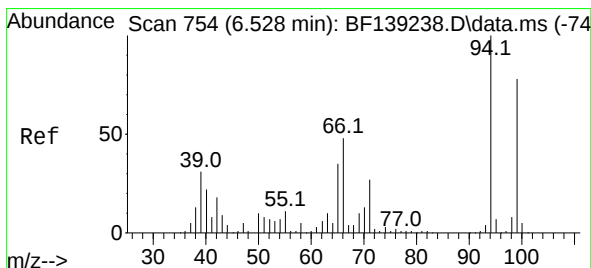
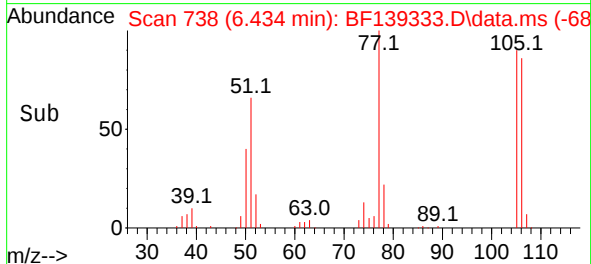
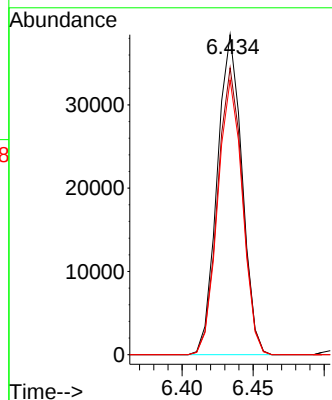
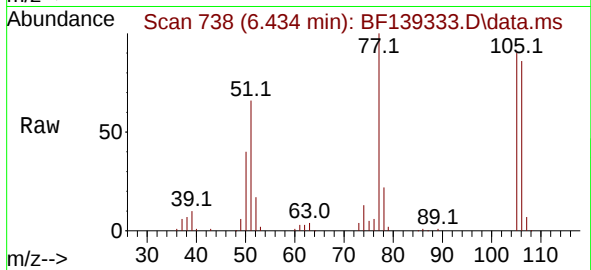




#9
Benzaldehyde
Concen: 14.579 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

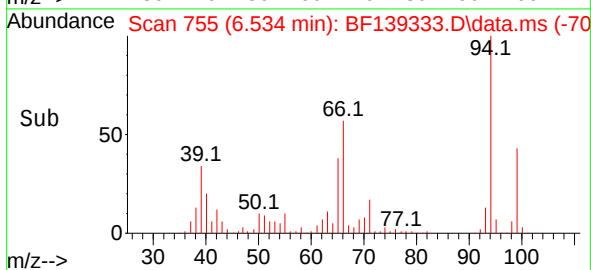
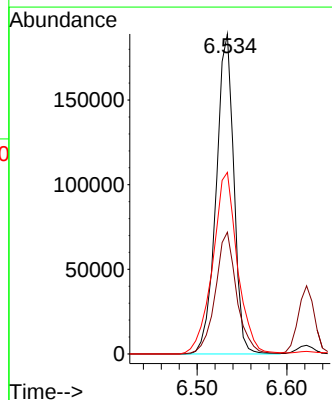
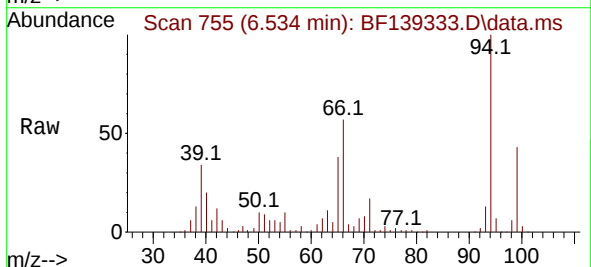
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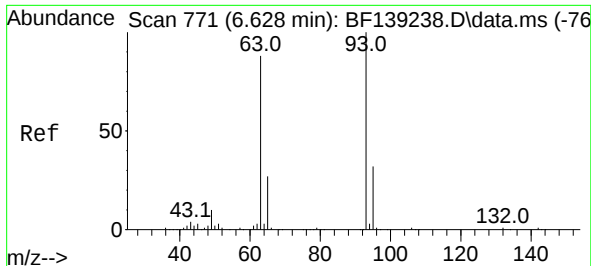
Tgt Ion: 77 Resp: 46599
Ion Ratio Lower Upper
77 100
105 89.7 72.9 112.9
106 85.9 69.6 109.6



#10
Phenol
Concen: 46.339 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion: 94 Resp: 258086
Ion Ratio Lower Upper
94 100
65 38.1 14.7 54.7
66 56.8 28.5 68.5





#11

bis(2-Chloroethyl)ether

Concen: 47.539 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

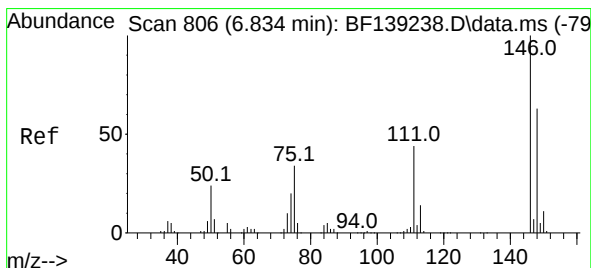
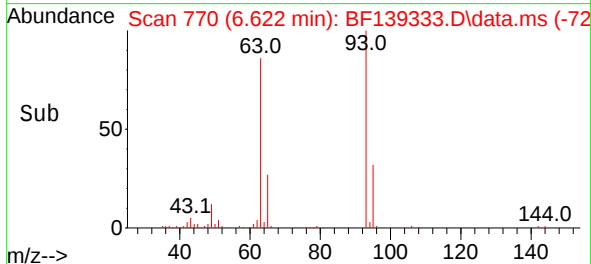
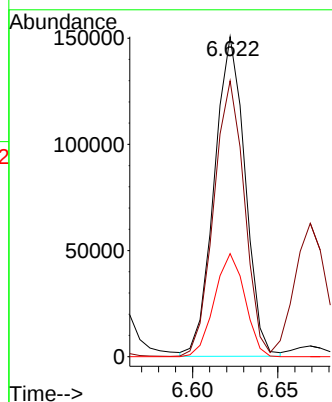
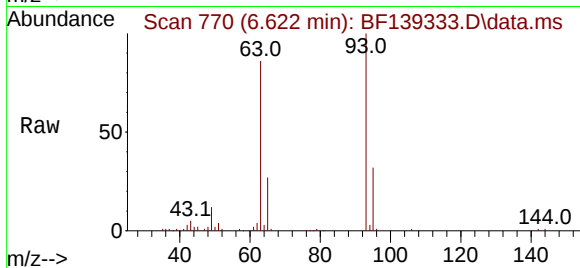
Tgt Ion: 93 Resp: 189687

Ion Ratio Lower Upper

93 100

63 86.2 67.1 107.1

95 32.2 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 46.503 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

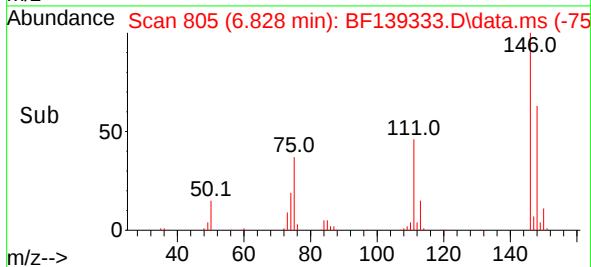
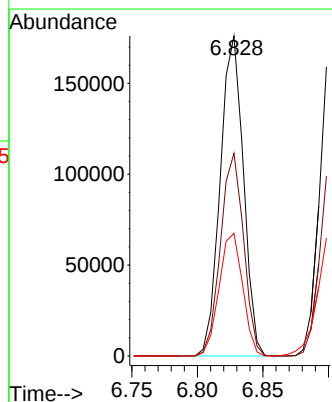
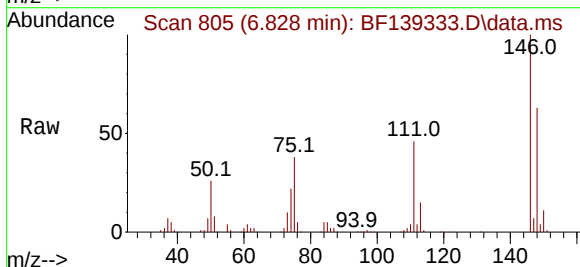
Tgt Ion:146 Resp: 215766

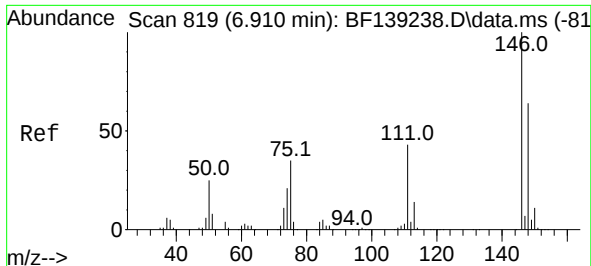
Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

75 38.3 27.3 40.9





#13

1,4-Dichlorobenzene

Concen: 47.465 ng

RT: 6.904 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

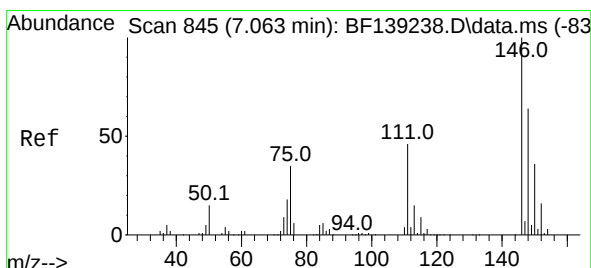
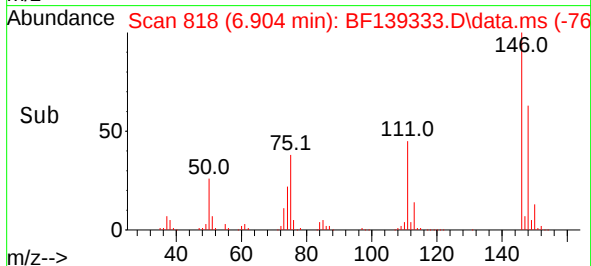
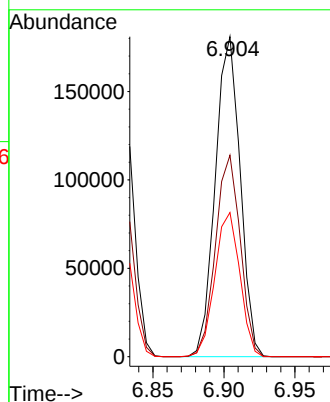
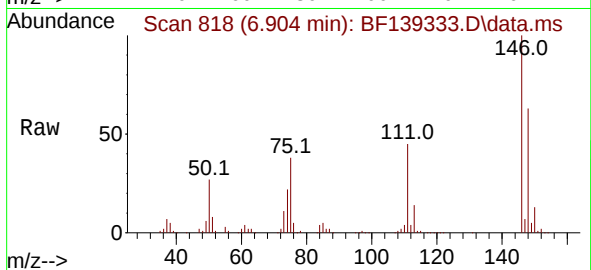
Tgt Ion:146 Resp: 220429

Ion Ratio Lower Upper

146 100

148 63.0 51.2 76.8

111 45.0 34.6 51.8



#14

1,2-Dichlorobenzene

Concen: 48.218 ng

RT: 7.057 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

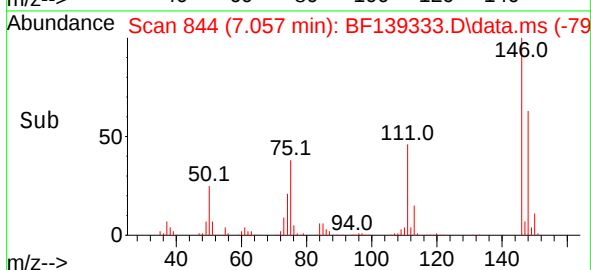
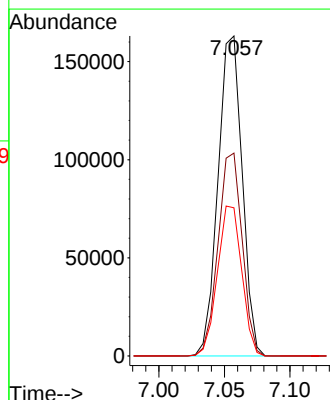
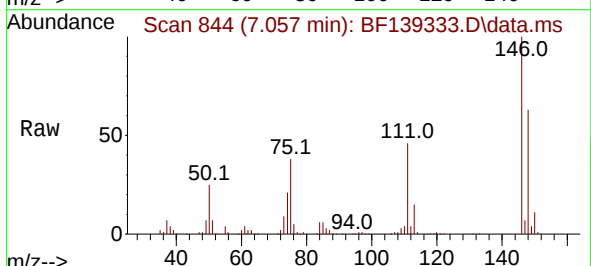
Tgt Ion:146 Resp: 208844

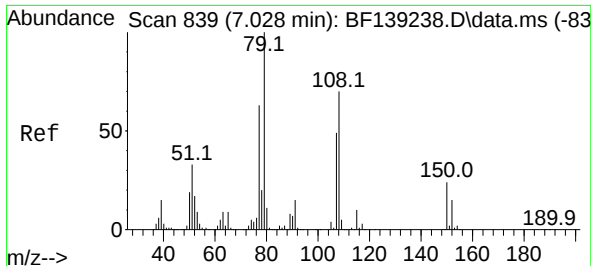
Ion Ratio Lower Upper

146 100

148 63.4 50.9 76.3

111 46.3 36.6 55.0

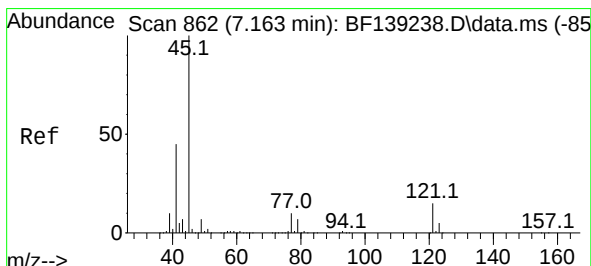
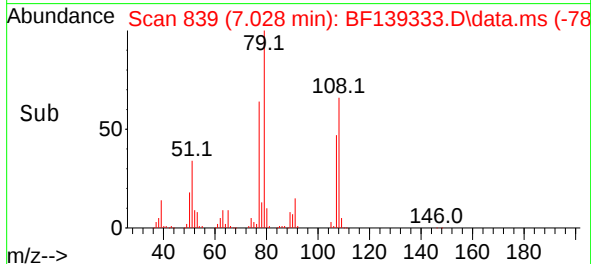
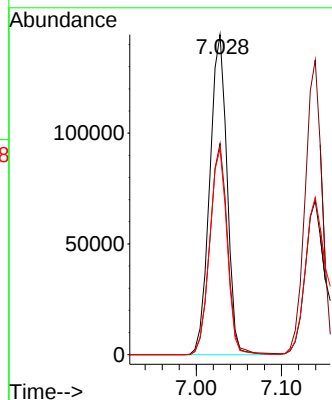
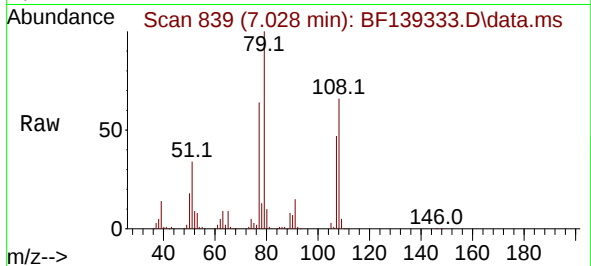




#15
Benzyl Alcohol
Concen: 52.941 ng
RT: 7.028 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

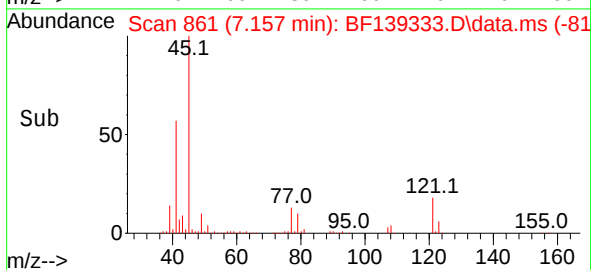
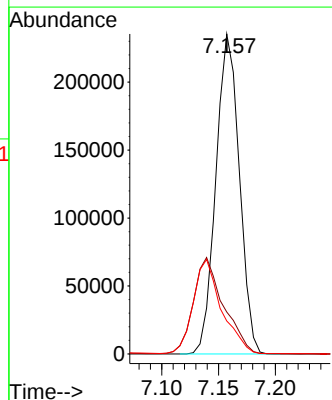
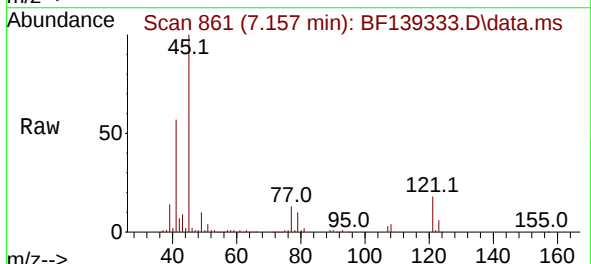
Instrument :
BNA_F
ClientSampleId :
72-11930MS

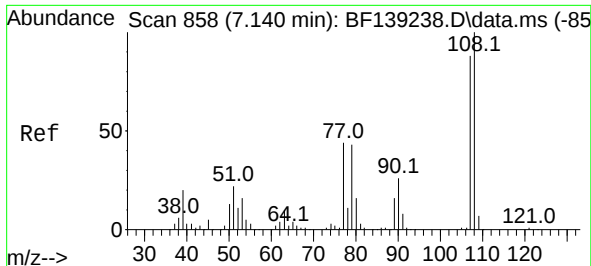
Tgt Ion: 79 Resp: 203861
Ion Ratio Lower Upper
79 100
108 66.0 56.1 84.1
77 64.4 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.495 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion: 45 Resp: 337976
Ion Ratio Lower Upper
45 100
77 13.1 0.0 30.0
79 10.3 0.0 27.6

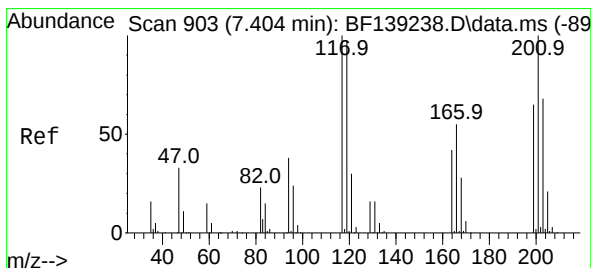
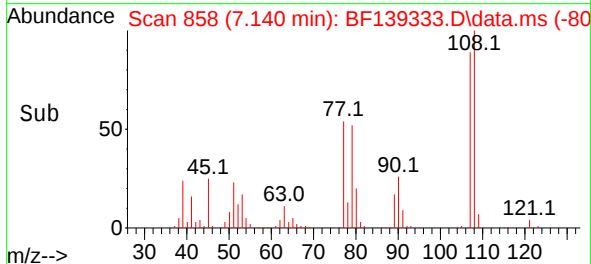
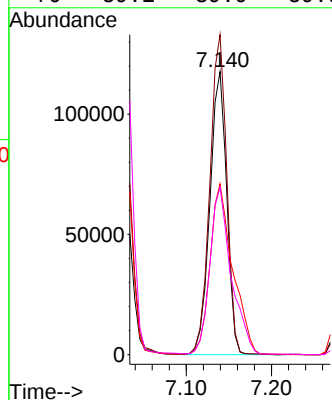
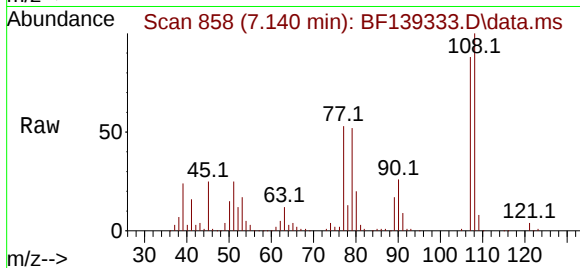




#17
2-Methylphenol
Concen: 48.296 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

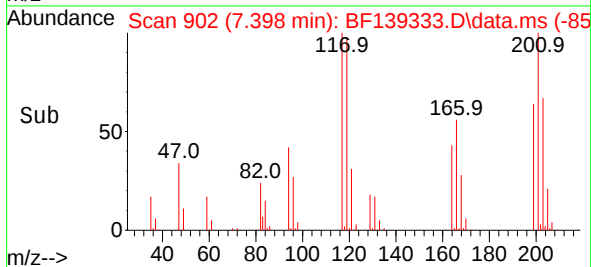
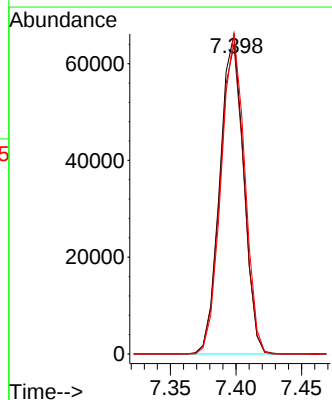
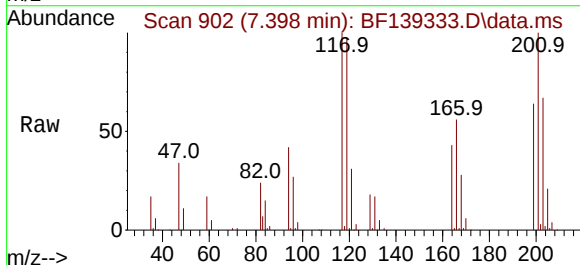
Instrument :
BNA_F
ClientSampleId :
72-11930MS

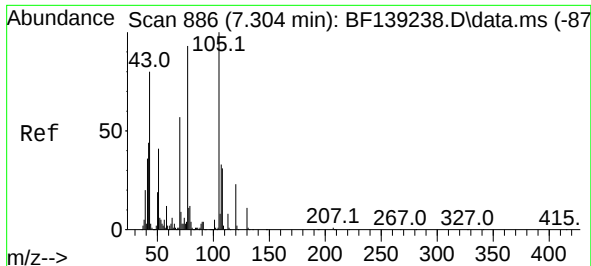
Tgt Ion:	107	Resp:	161715
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.4	137.2
77	60.3	40.1	60.1#
79	59.1	39.9	59.9



#18
Hexachloroethane
Concen: 50.091 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:	117	Resp:	83084
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.2
201	100.2	80.0	120.0





#19

n-Nitroso-di-n-propylamine

Concen: 53.358 ng

RT: 7.298 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF139333.D

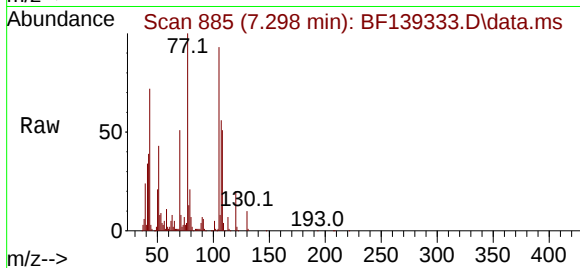
Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS



Tgt Ion: 70 Resp: 162266

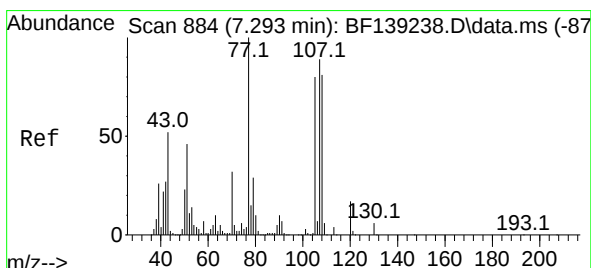
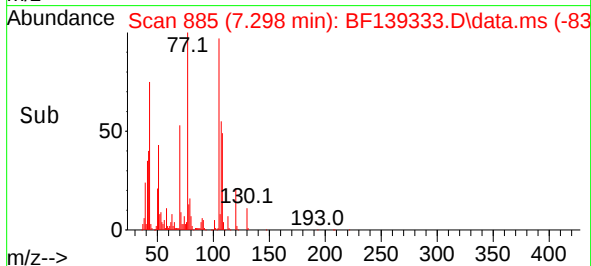
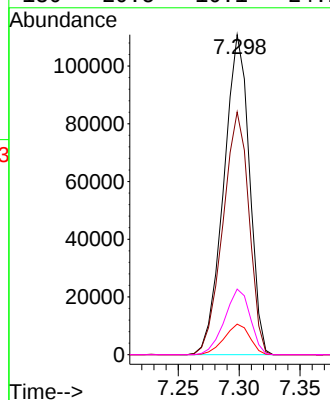
Ion Ratio Lower Upper

70 100

42 75.8 61.0 91.6

101 9.5 7.2 10.8

130 20.5 16.1 24.1



#20

3+4-Methylphenols

Concen: 51.342 ng

RT: 7.292 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Tgt Ion:107 Resp: 216667

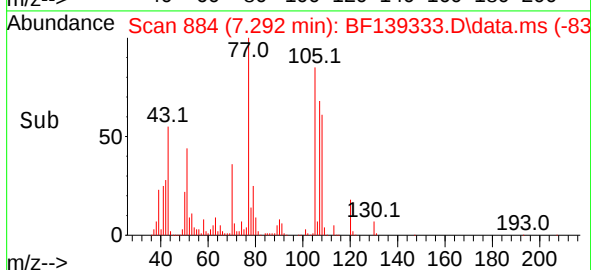
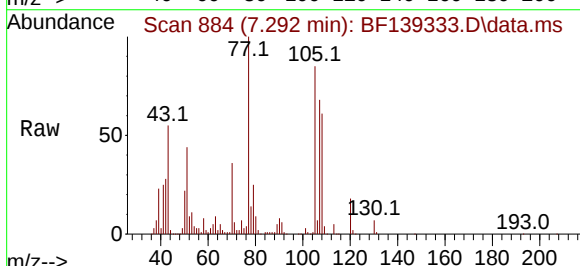
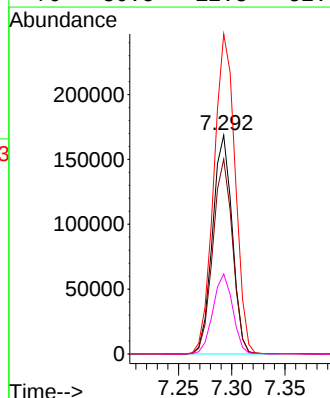
Ion Ratio Lower Upper

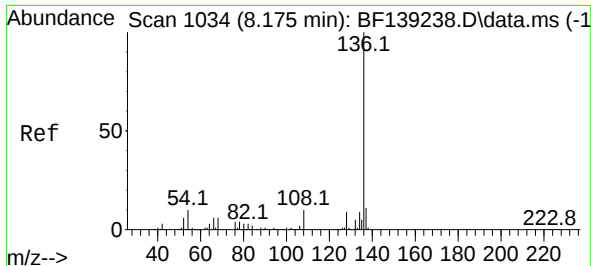
107 100

108 89.0 70.4 110.4

77 146.3 92.2 132.2#

79 36.5 12.8 52.8

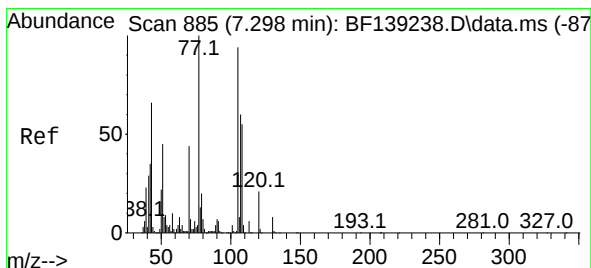
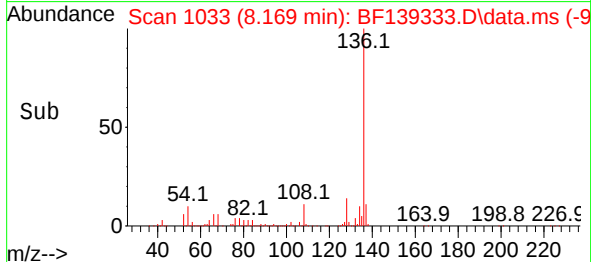
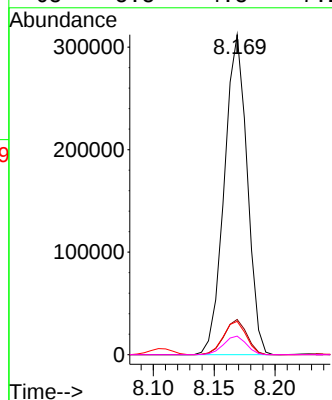
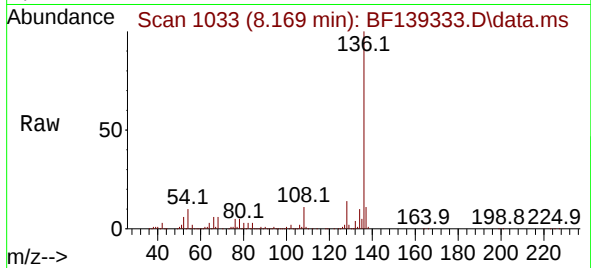




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

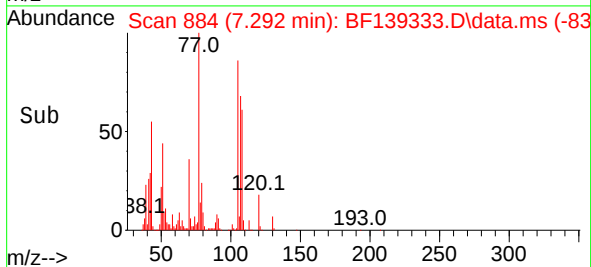
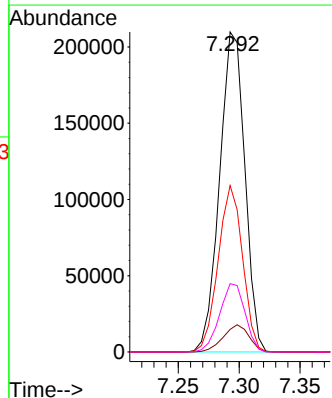
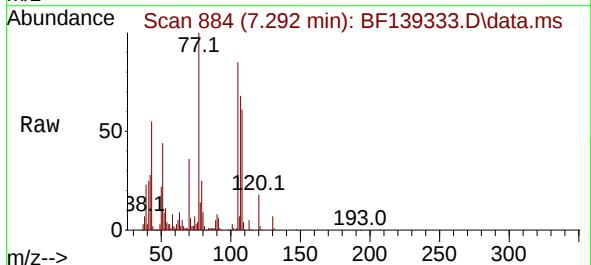
Instrument :
BNA_F
ClientSampleId :
72-11930MS

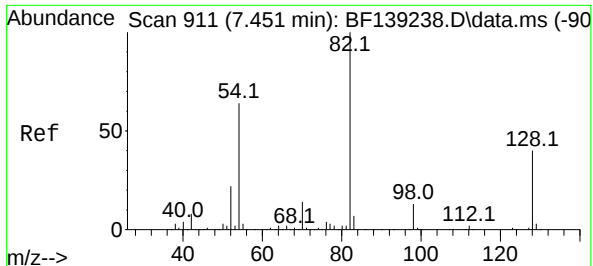
Tgt Ion:136 Resp: 407056
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.4 8.4 12.6
68 5.8 4.8 7.2



#22
Acetophenone
Concen: 31.205 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:105 Resp: 302608
Ion Ratio Lower Upper
105 100
71 7.1 6.2 9.2
51 52.0 38.2 57.2
120 21.4 17.7 26.5





#23

Nitrobenzene-d5

Concen: 52.559 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

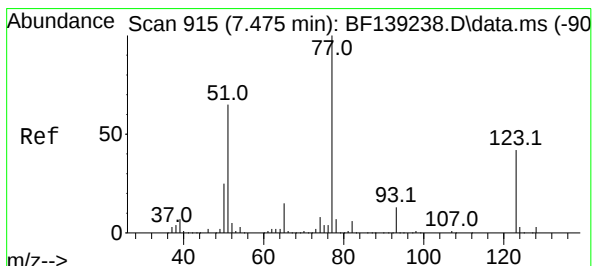
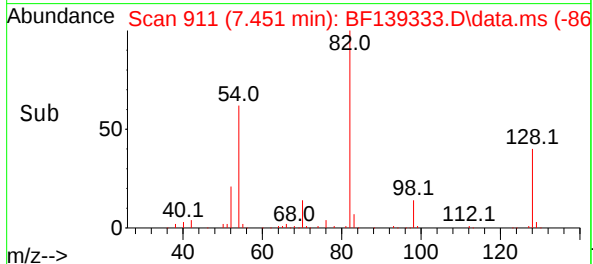
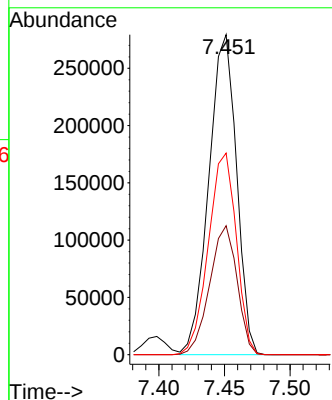
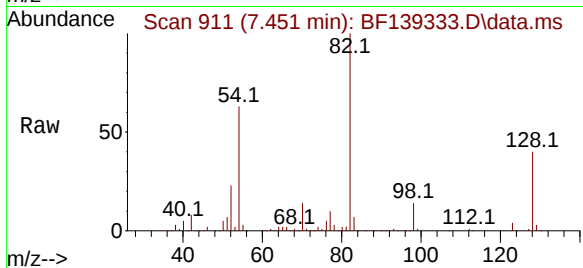
BNA_F

ClientSampleId :

72-11930MS

Tgt Ion: 82 Resp: 411248

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.3	48.5
54	63.0	51.2	76.8



#24

Nitrobenzene

Concen: 29.546 ng

RT: 7.469 min Scan# 914

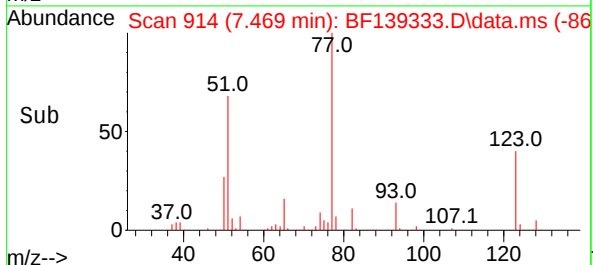
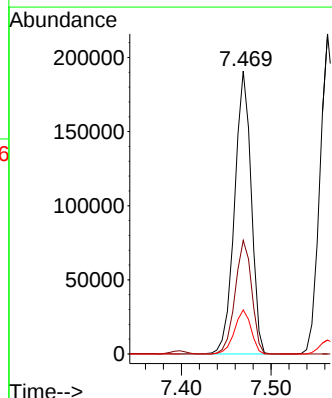
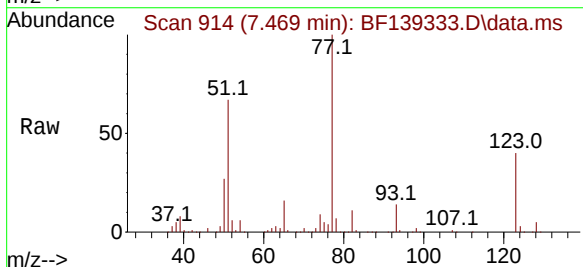
Delta R.T. -0.006 min

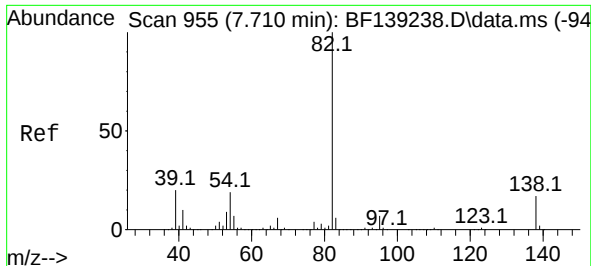
Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Tgt Ion: 77 Resp: 245379

Ion	Ratio	Lower	Upper
77	100		
123	40.2	34.0	51.0
65	15.5	12.1	18.1

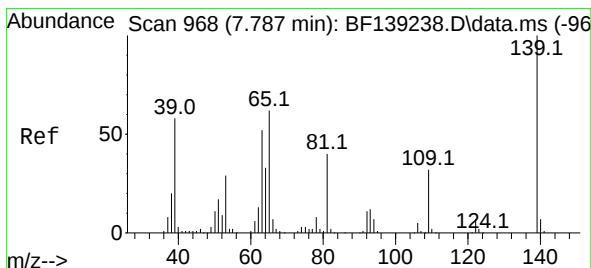
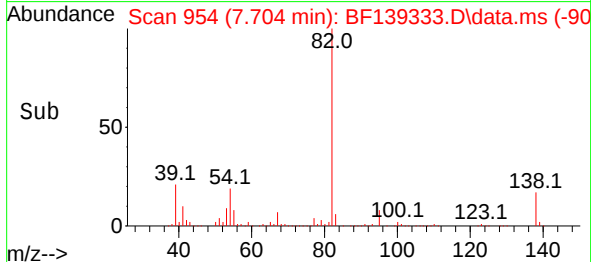
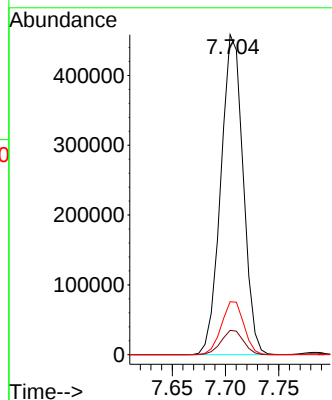
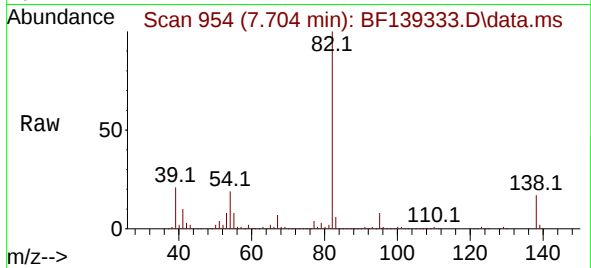




#25
Isophorone
Concen: 49.868 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

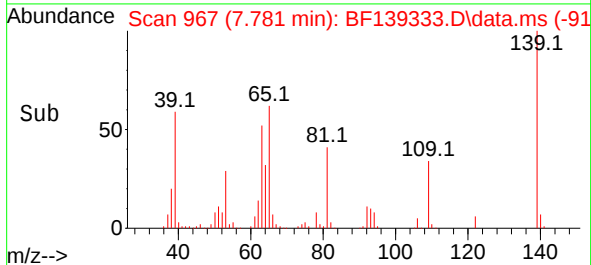
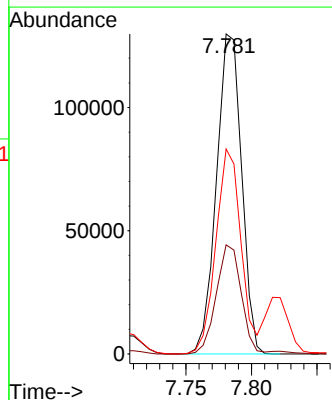
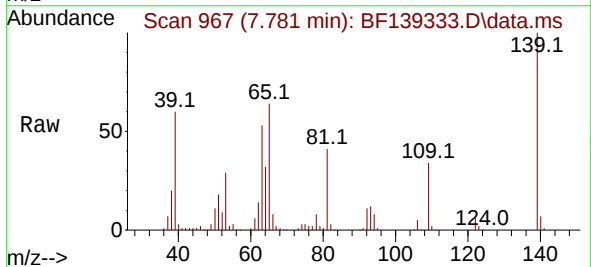
Instrument :
BNA_F
ClientSampleId :
72-11930MS

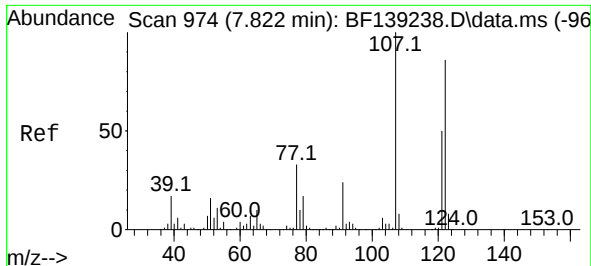
Tgt Ion: 82 Resp: 667103
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 16.6 13.4 20.0



#26
2-Nitrophenol
Concen: 53.063 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:139 Resp: 173083
Ion Ratio Lower Upper
139 100
109 34.1 25.4 38.2
65 64.0 49.4 74.2

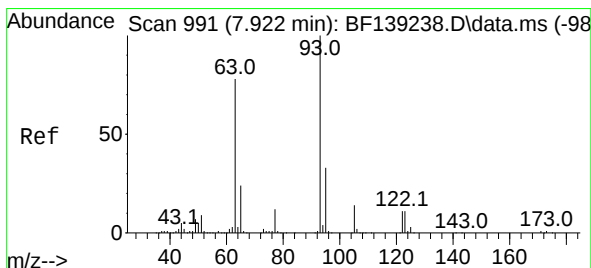
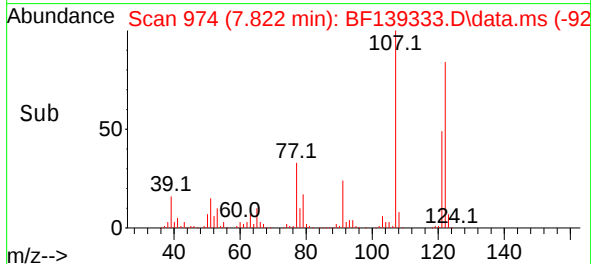
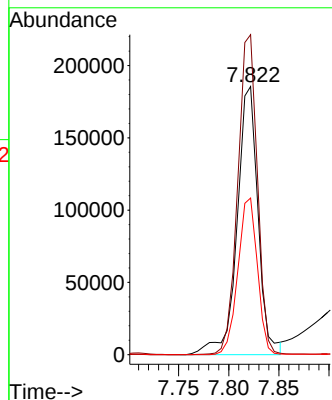
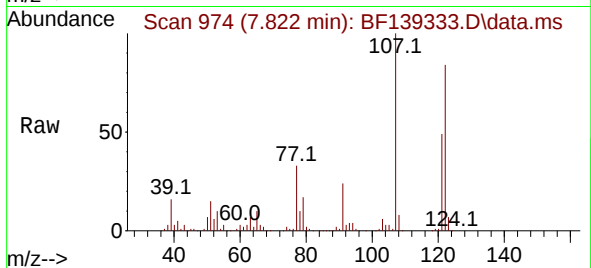




#27
2,4-Dimethylphenol
Concen: 58.113 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

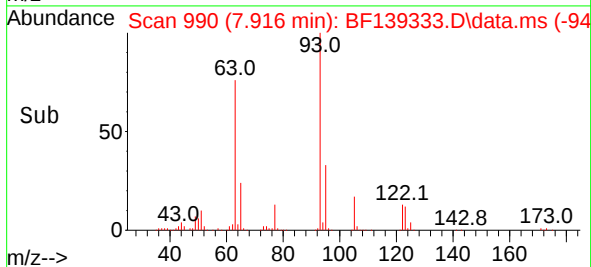
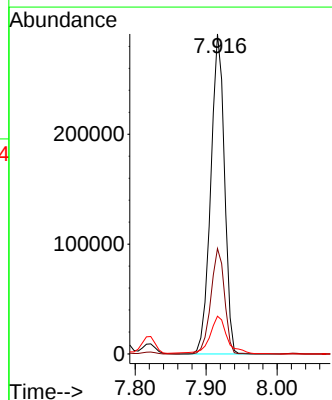
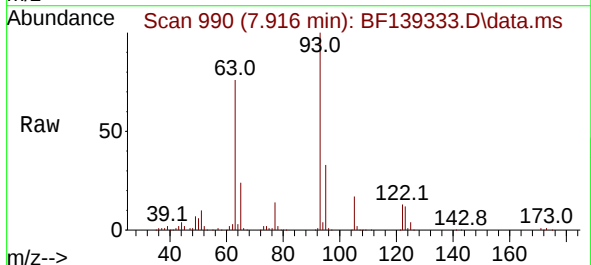
Instrument :
BNA_F
ClientSampleId :
72-11930MS

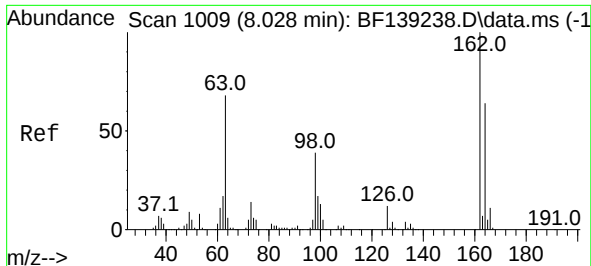
Tgt Ion:122 Resp: 270340
Ion Ratio Lower Upper
122 100
107 119.4 93.4 140.2
121 58.4 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.151 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion: 93 Resp: 391742
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 11.8 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.941 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

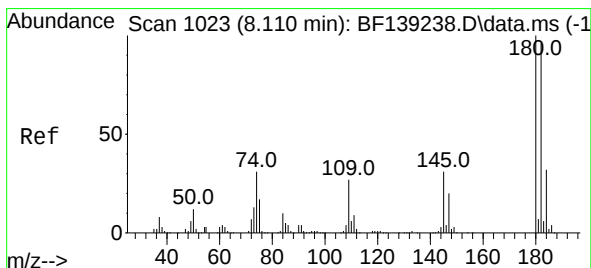
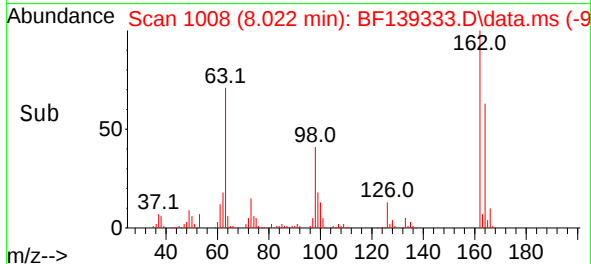
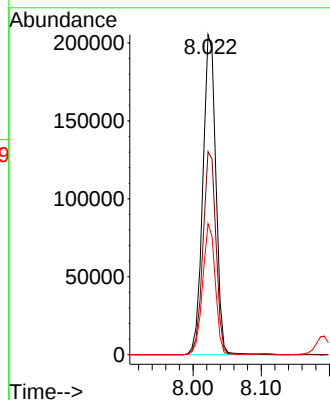
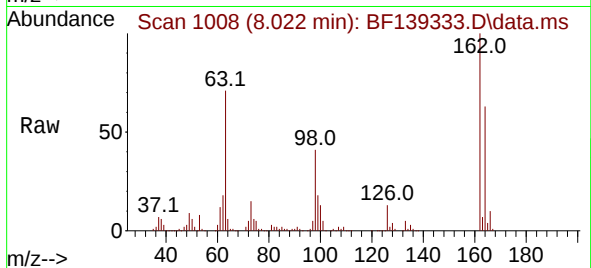
Tgt Ion:162 Resp: 272604

Ion Ratio Lower Upper

162 100

164 63.4 43.6 83.6

98 40.9 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 45.682 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

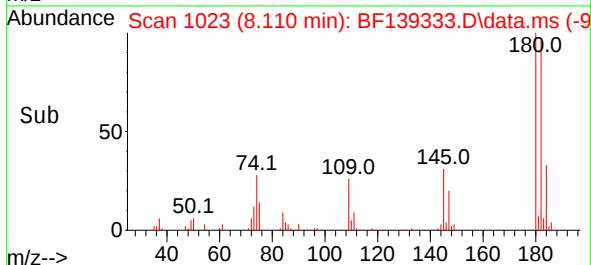
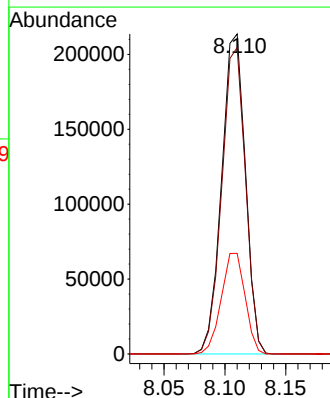
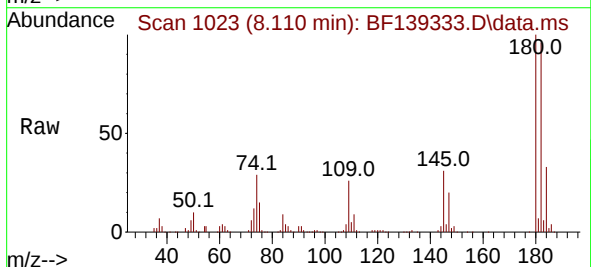
Tgt Ion:180 Resp: 290608

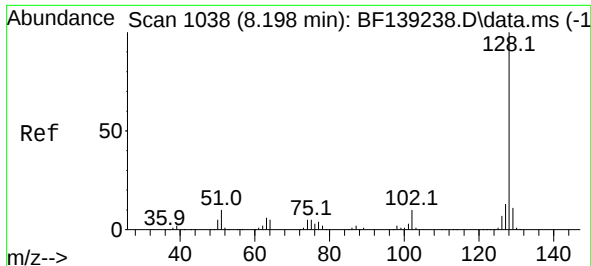
Ion Ratio Lower Upper

180 100

182 95.7 76.5 114.7

145 31.5 25.1 37.7





#31

Naphthalene

Concen: 46.568 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

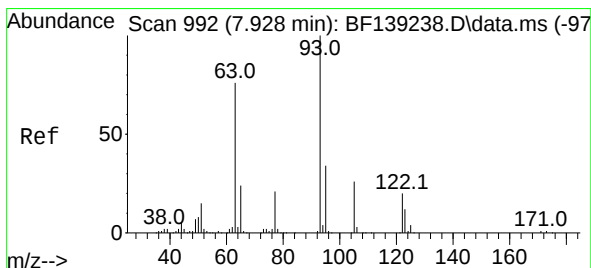
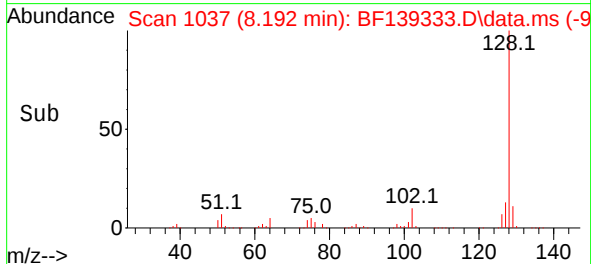
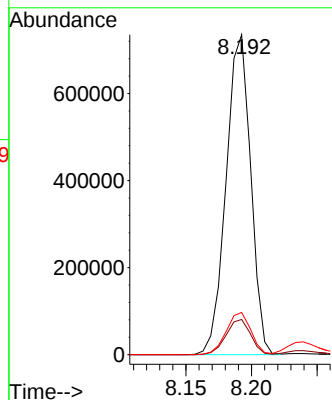
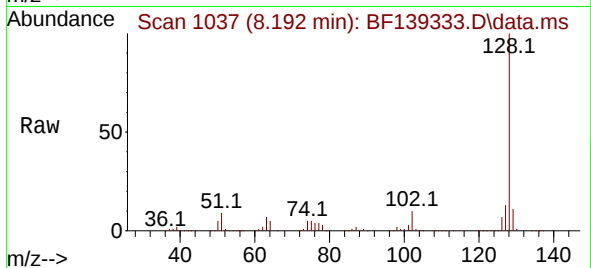
Tgt Ion:128 Resp: 959949

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.2 10.6 15.8



#32

Benzoic acid

Concen: 48.937 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.011 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

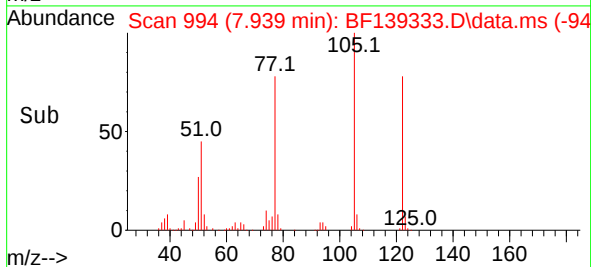
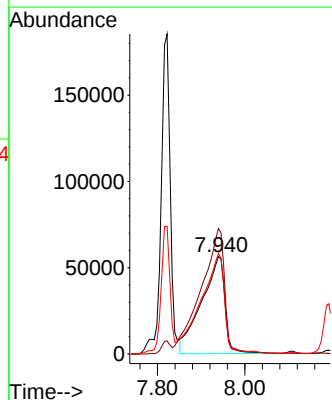
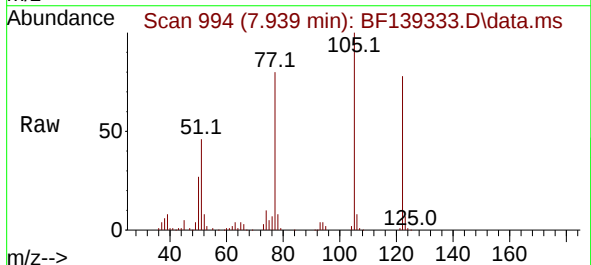
Tgt Ion:122 Resp: 207361

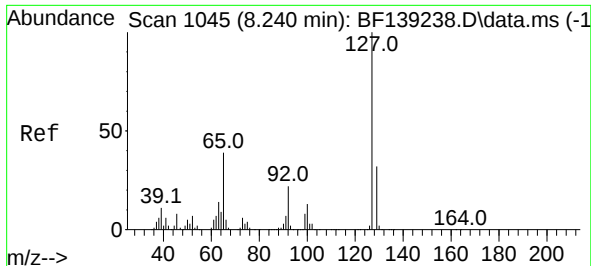
Ion Ratio Lower Upper

122 100

105 128.8 106.3 146.3

77 103.2 84.1 124.1





#33

4-Chloroaniline

Concen: 7.859 ng

RT: 8.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

Tgt Ion:127 Resp: 56097

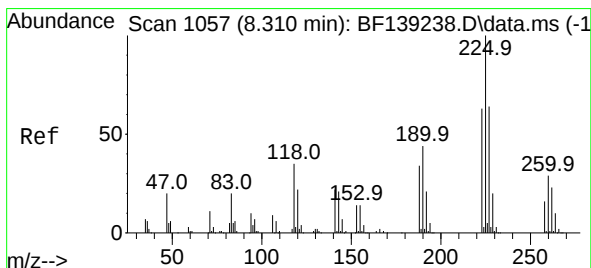
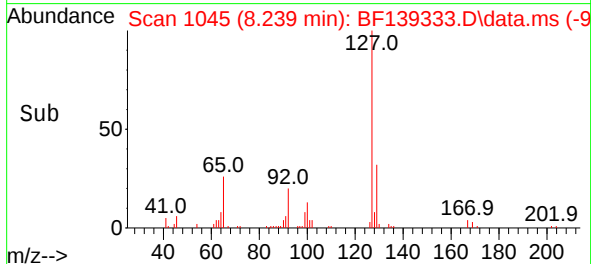
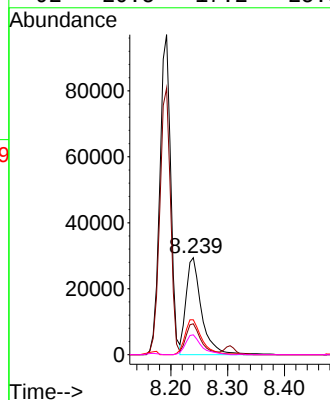
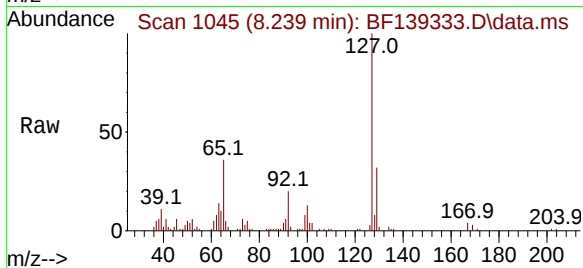
Ion Ratio Lower Upper

127 100

129 31.9 25.8 38.6

65 36.0 30.6 45.8

92 20.5 17.2 25.8



#34

Hexachlorobutadiene

Concen: 47.882 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

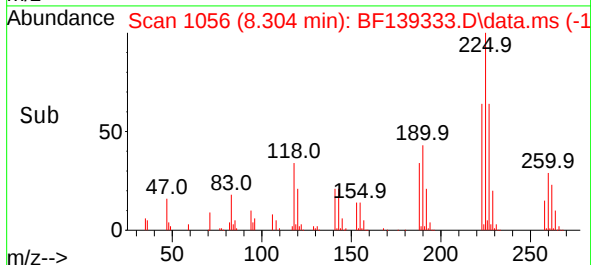
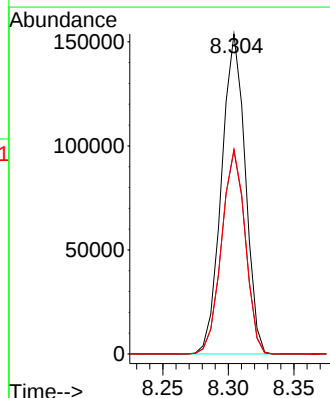
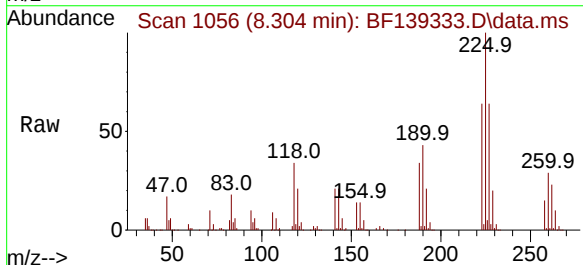
Tgt Ion:225 Resp: 193015

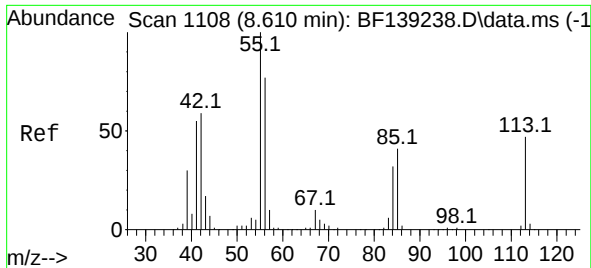
Ion Ratio Lower Upper

225 100

223 63.5 50.7 76.1

227 64.0 51.5 77.3





#35

Caprolactam

Concen: 37.066 ng

RT: 8.610 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

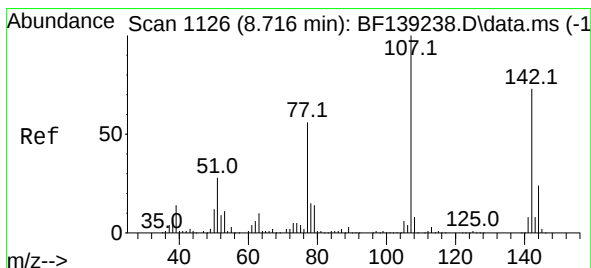
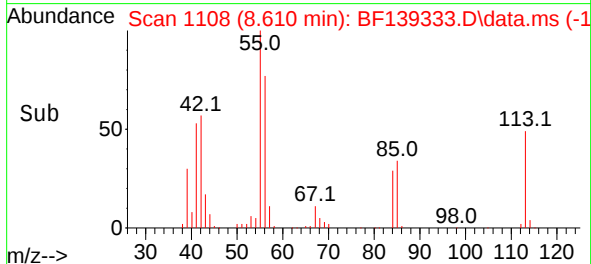
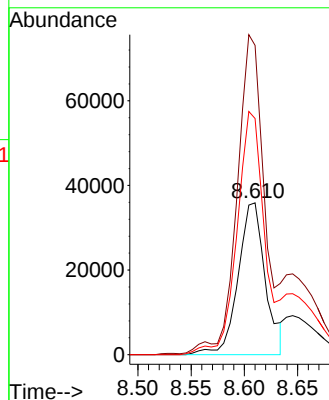
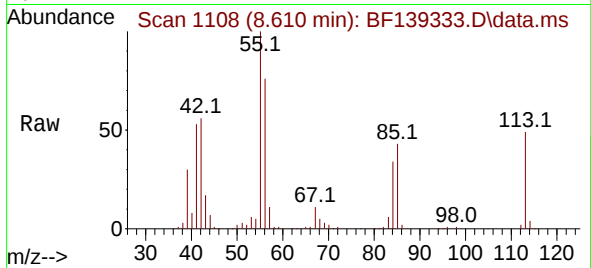
Tgt Ion:113 Resp: 63915

Ion Ratio Lower Upper

113 100

55 203.7 193.7 233.7

56 155.5 145.0 185.0



#36

4-Chloro-3-methylphenol

Concen: 48.033 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

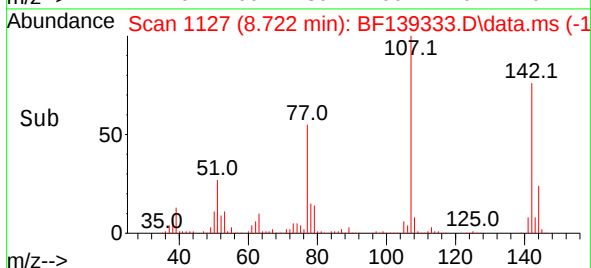
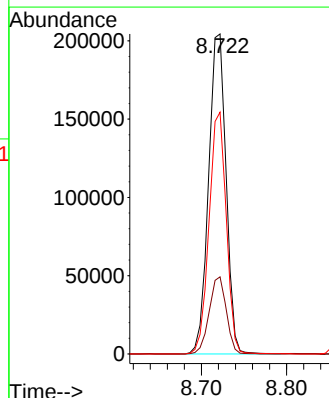
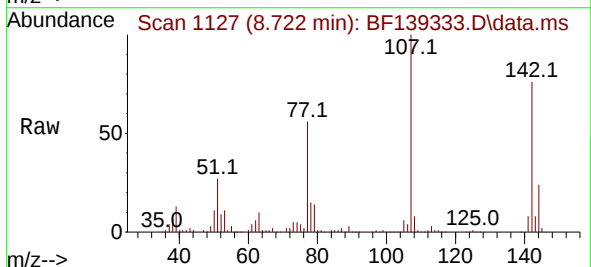
Tgt Ion:107 Resp: 291549

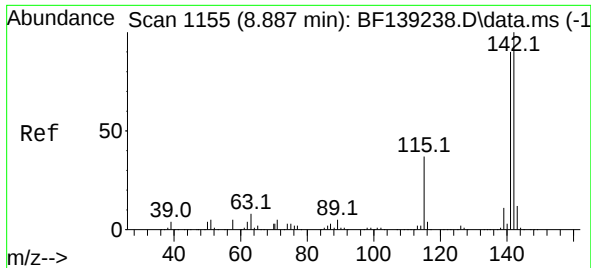
Ion Ratio Lower Upper

107 100

144 24.1 19.1 28.7

142 75.5 58.3 87.5





#37

2-Methylnaphthalene

Concen: 48.078 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

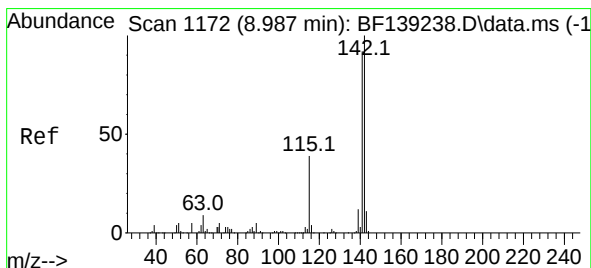
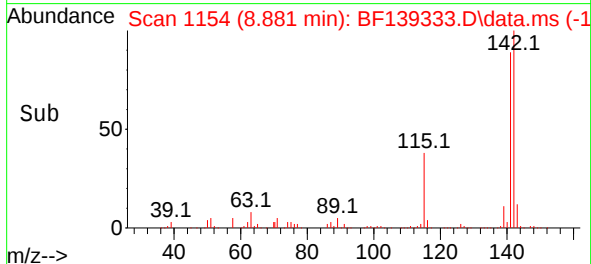
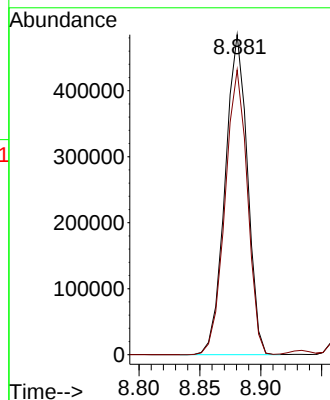
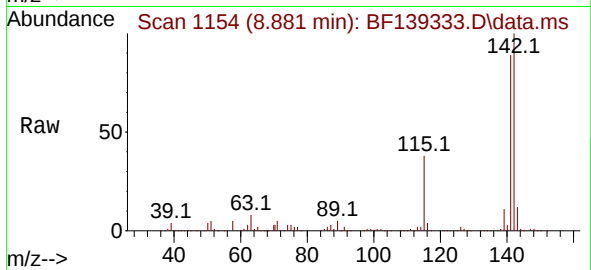
72-11930MS

Tgt Ion:142 Resp: 620067

Ion Ratio Lower Upper

142 100

141 89.0 71.6 107.4



#38

1-Methylnaphthalene

Concen: 44.737 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139333.D

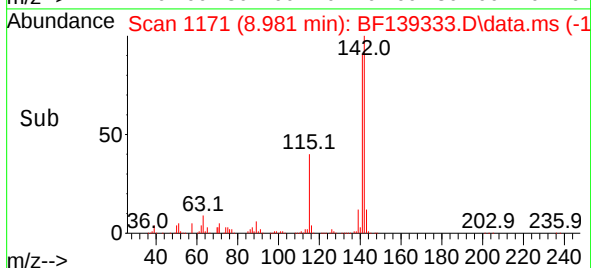
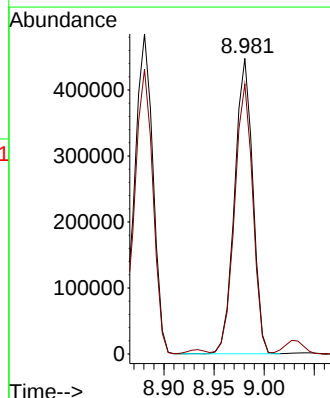
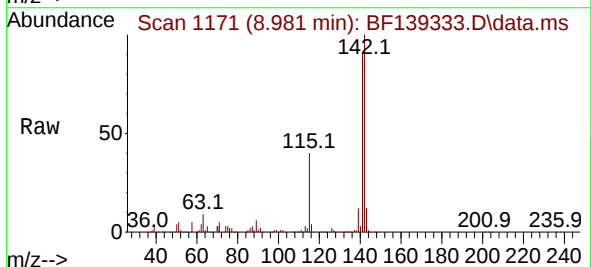
Acq: 11 Sep 2024 18:39

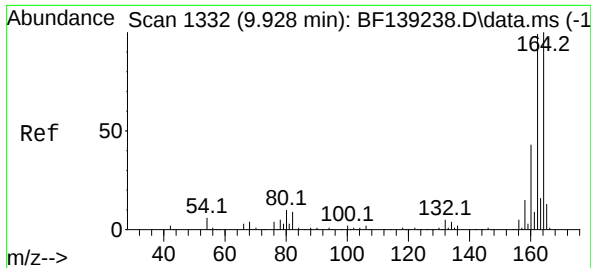
Tgt Ion:142 Resp: 567449

Ion Ratio Lower Upper

142 100

141 91.3 73.5 110.3

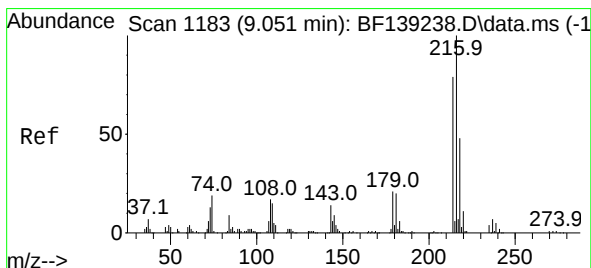
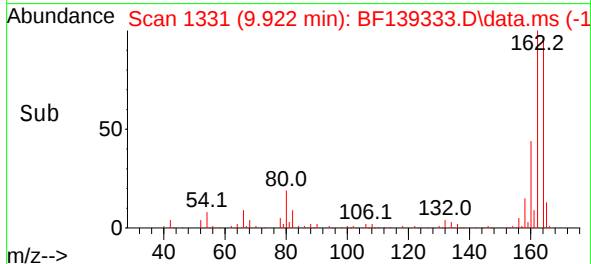
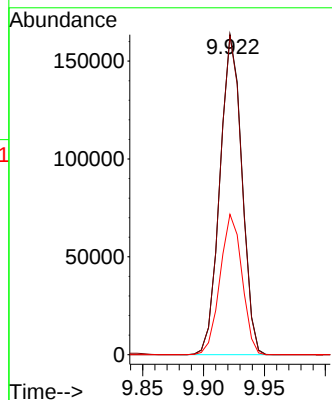
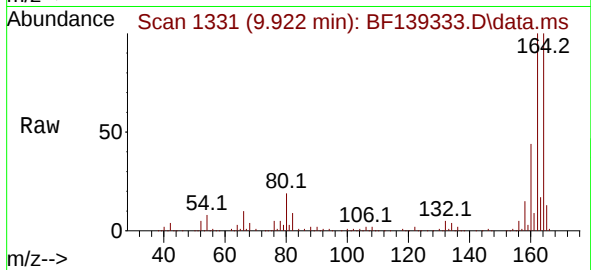




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

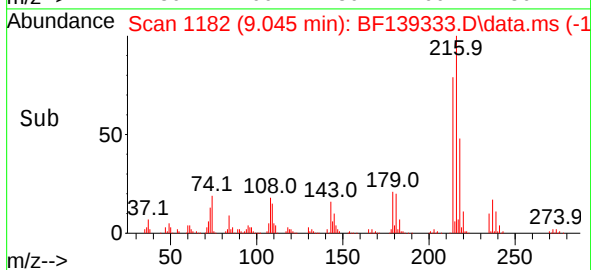
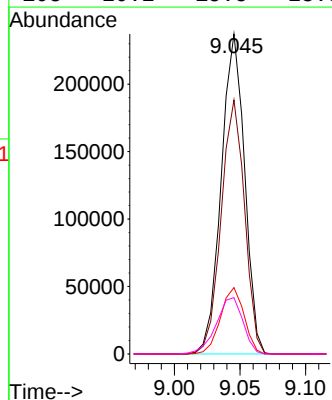
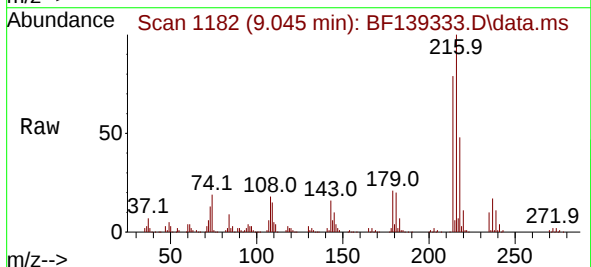
Instrument :
BNA_F
ClientSampleId :
72-11930MS

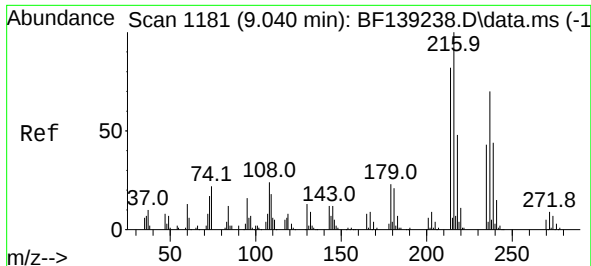
Tgt Ion:164 Resp: 205609
Ion Ratio Lower Upper
164 100
162 99.7 79.2 118.8
160 43.9 34.2 51.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.518 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:216 Resp: 293876
Ion Ratio Lower Upper
216 100
214 79.3 63.8 95.8
179 21.0 16.9 25.3
108 20.2 15.5 23.3

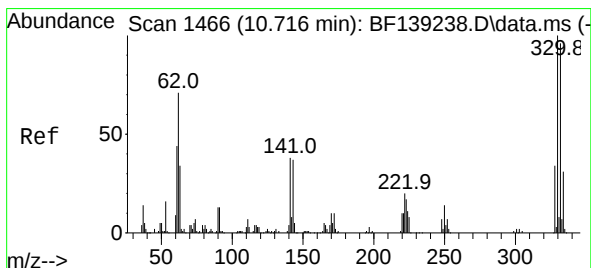
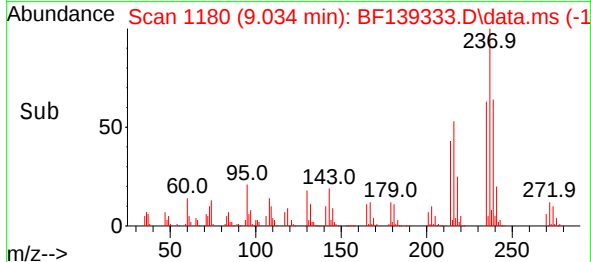
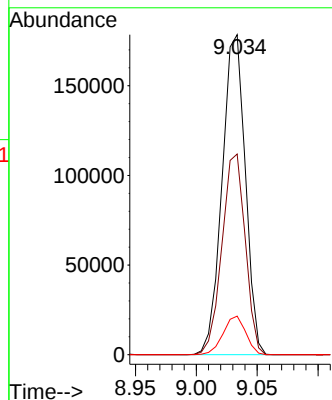
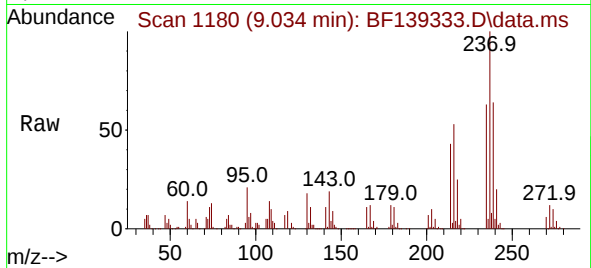




#41
Hexachlorocyclopentadiene
Concen: 126.747 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

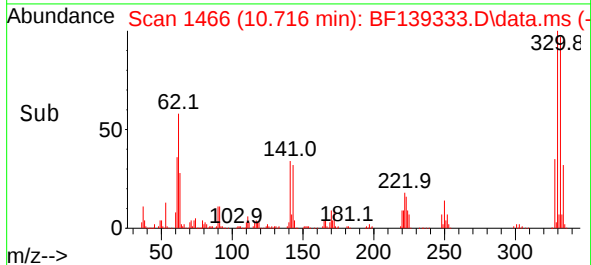
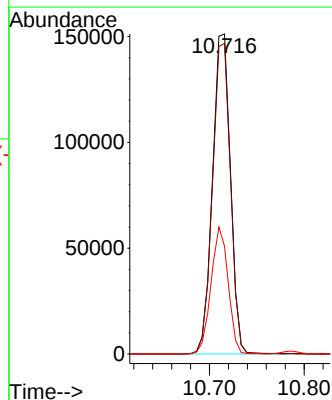
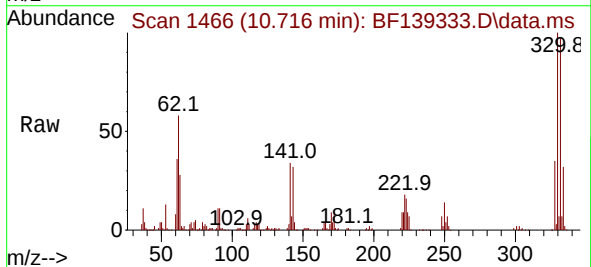
Instrument :
BNA_F
ClientSampleId :
72-11930MS

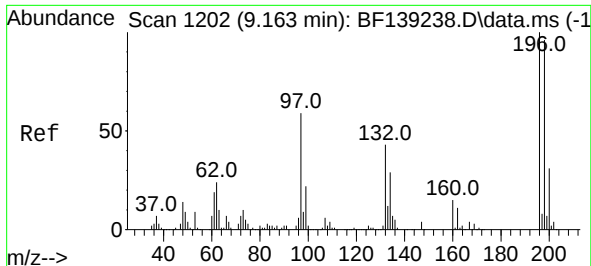
Tgt Ion:237 Resp: 236955
Ion Ratio Lower Upper
237 100
235 62.7 41.4 81.4
272 12.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 111.845 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:330 Resp: 198577
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 37.9 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 52.978 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

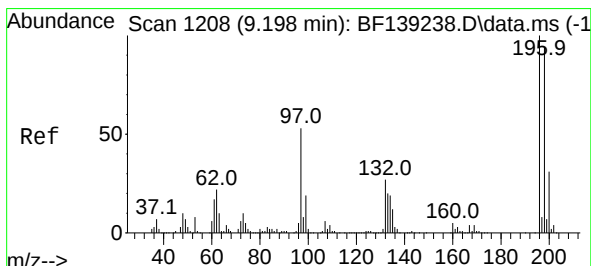
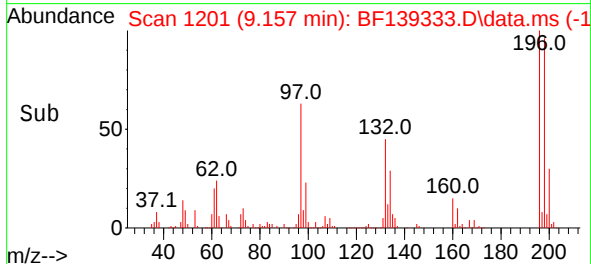
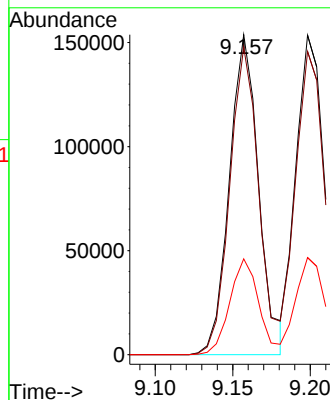
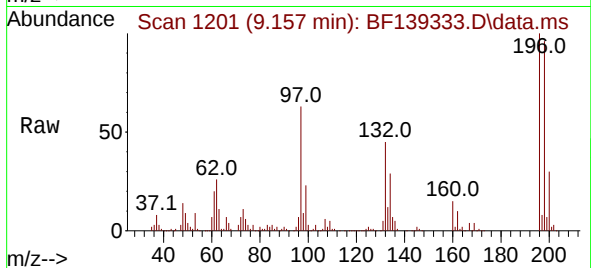
Tgt Ion:196 Resp: 201640

Ion Ratio Lower Upper

196 100

198 96.2 77.0 115.4

200 30.0 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 48.796 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Tgt Ion:196 Resp: 194622

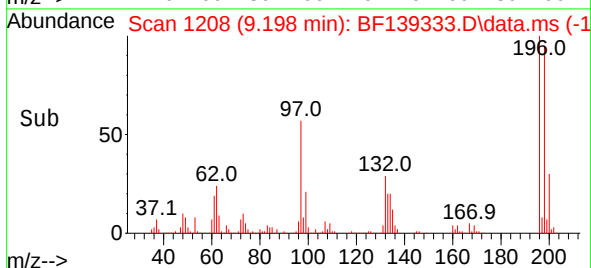
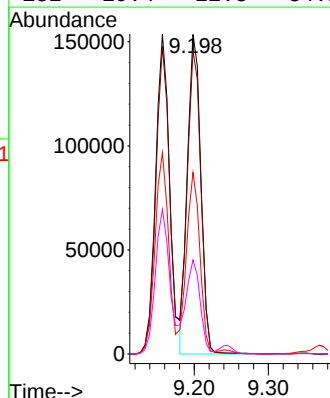
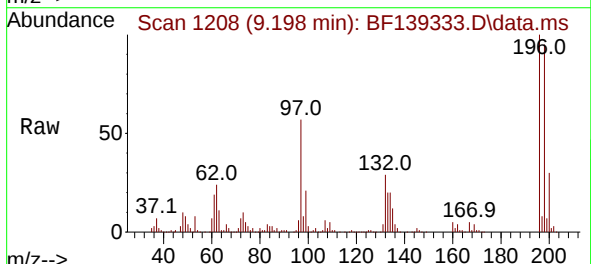
Ion Ratio Lower Upper

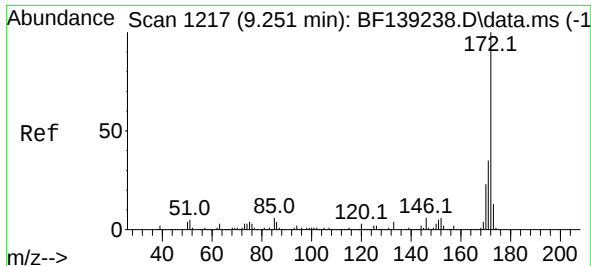
196 100

198 94.9 75.6 113.4

97 56.8 43.6 65.4

132 29.4 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 83.202 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

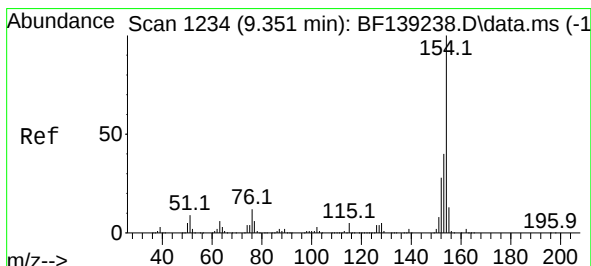
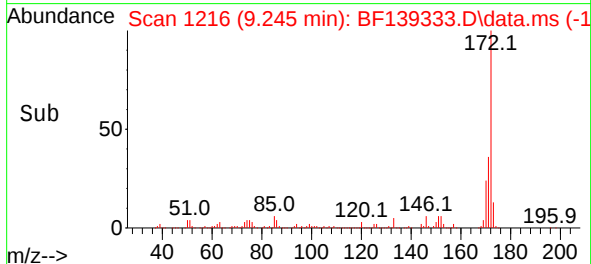
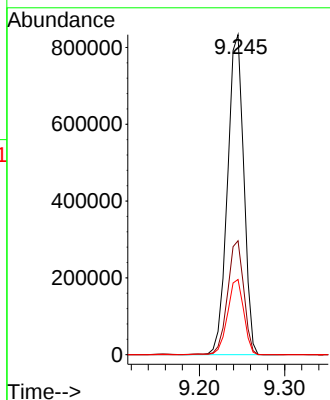
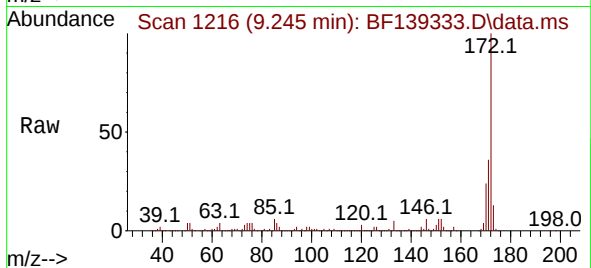
Tgt Ion:172 Resp: 1108234

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 49.506 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

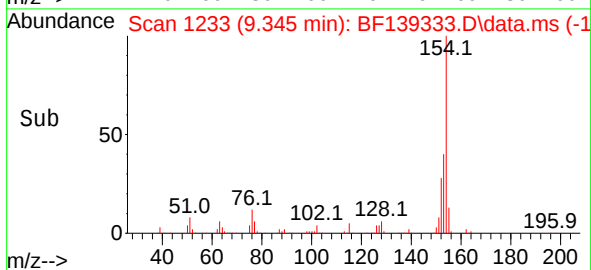
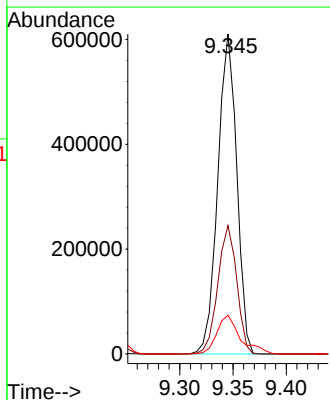
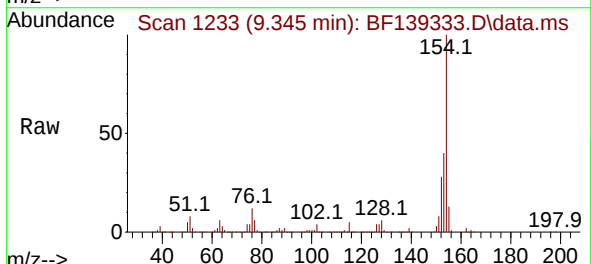
Tgt Ion:154 Resp: 754161

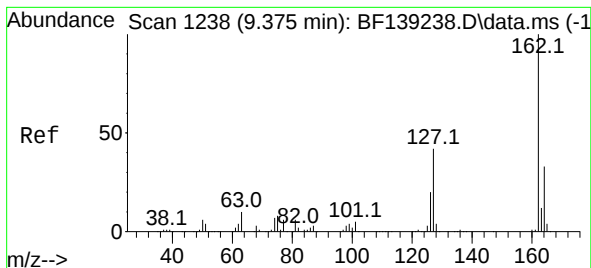
Ion Ratio Lower Upper

154 100

153 40.1 20.1 60.1

76 12.1 0.0 32.3





#47

2-Chloronaphthalene

Concen: 48.013 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

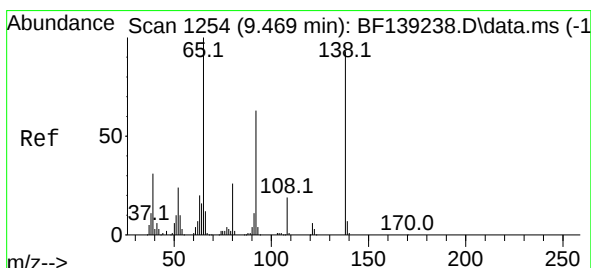
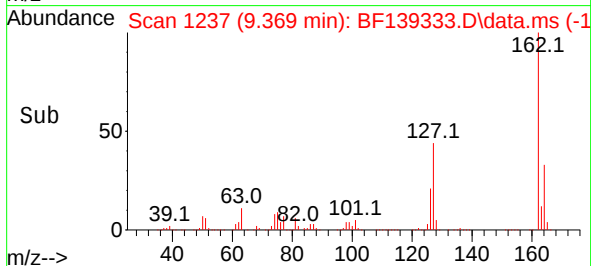
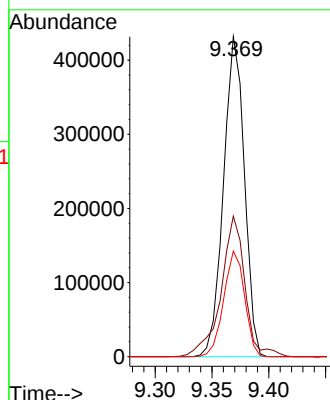
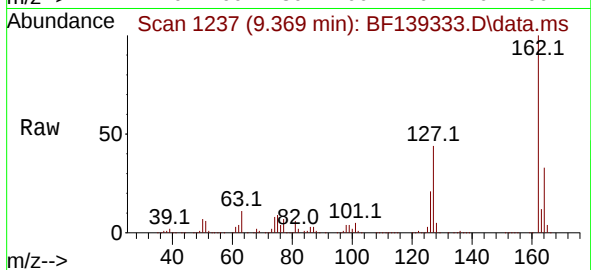
Tgt Ion:162 Resp: 552276

Ion Ratio Lower Upper

162 100

127 43.9 34.2 51.4

164 33.0 26.2 39.2



#48

2-Nitroaniline

Concen: 50.005 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

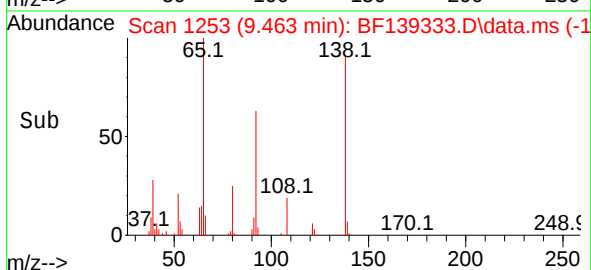
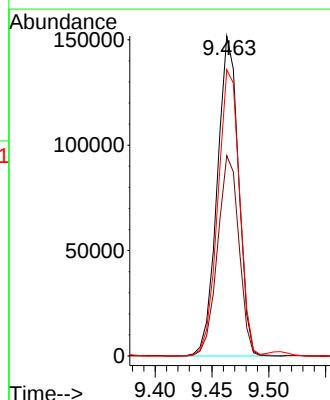
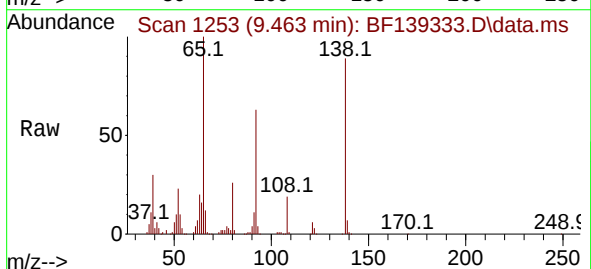
Tgt Ion: 65 Resp: 198119

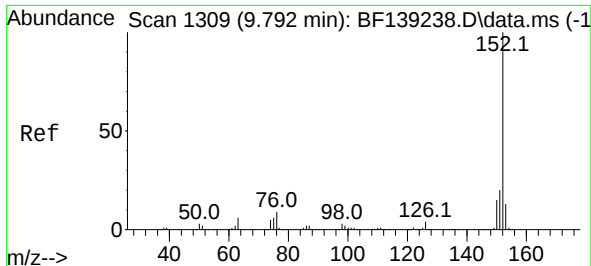
Ion Ratio Lower Upper

65 100

92 62.6 50.4 75.6

138 89.5 74.2 111.4





#49

Acenaphthylene

Concen: 51.059 ng

RT: 9.786 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

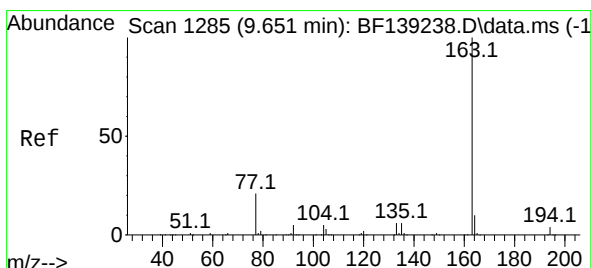
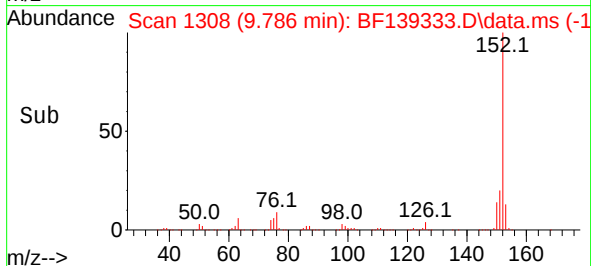
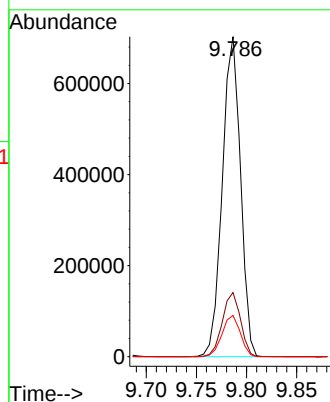
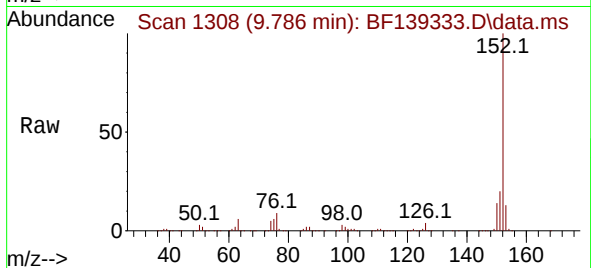
Tgt Ion:152 Resp: 884581

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 12.9 10.4 15.6



#50

Dimethylphthalate

Concen: 53.617 ng

RT: 9.645 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

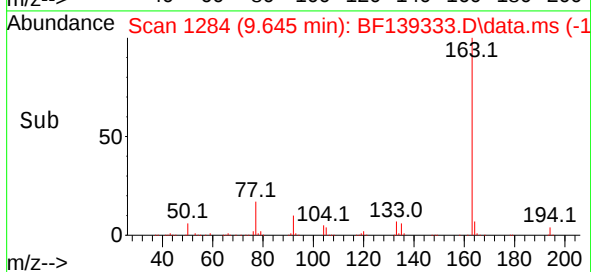
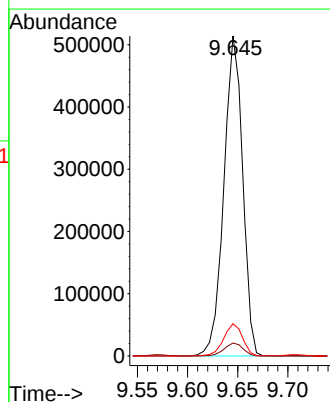
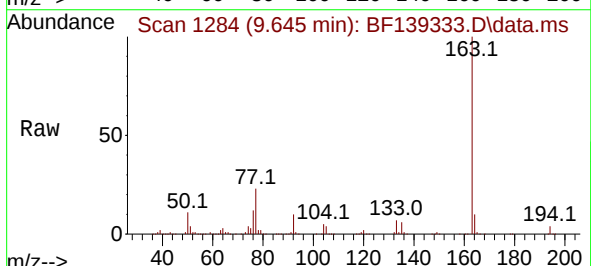
Tgt Ion:163 Resp: 668176

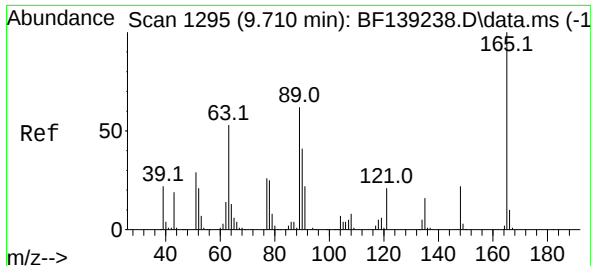
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 48.605 ng

RT: 9.710 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

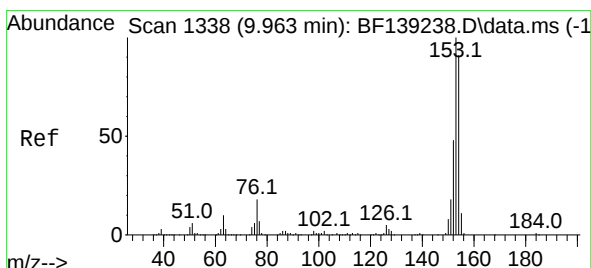
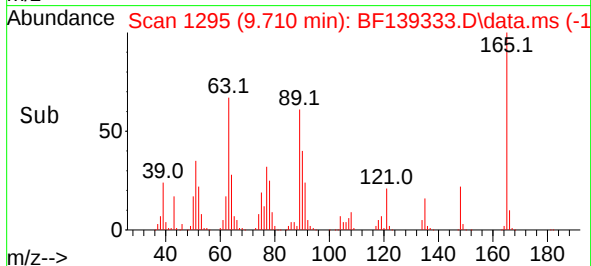
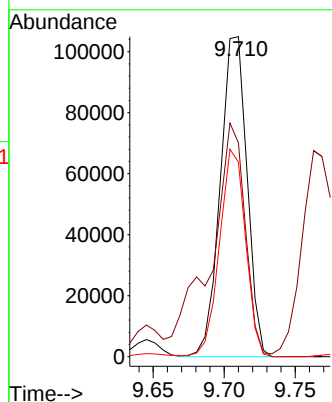
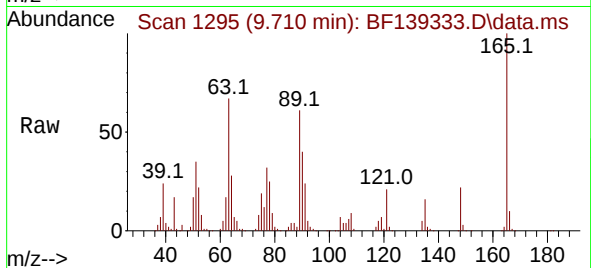
Tgt Ion:165 Resp: 137412

Ion Ratio Lower Upper

165 100

63 66.8 56.1 84.1

89 60.8 49.7 74.5



#52

Acenaphthene

Concen: 53.120 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

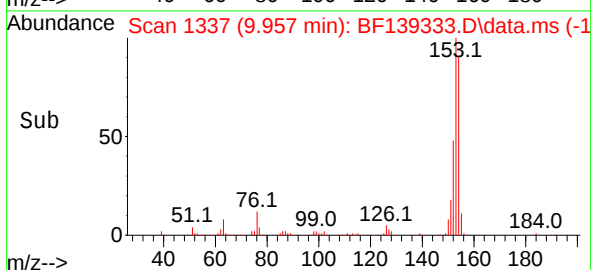
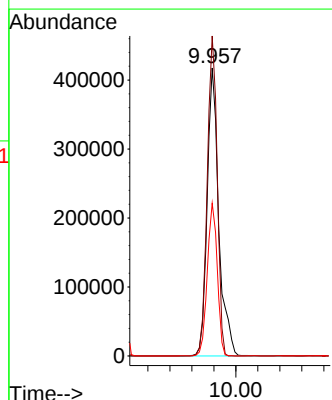
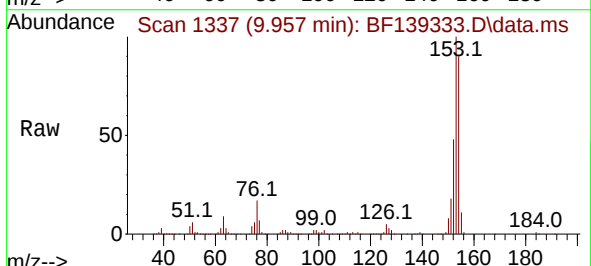
Tgt Ion:154 Resp: 610391

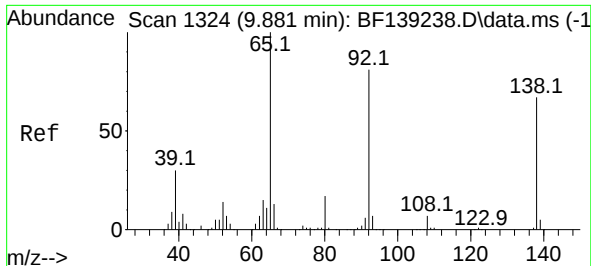
Ion Ratio Lower Upper

154 100

153 111.1 87.8 131.6

152 53.1 41.7 62.5





#53

3-Nitroaniline

Concen: 26.876 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

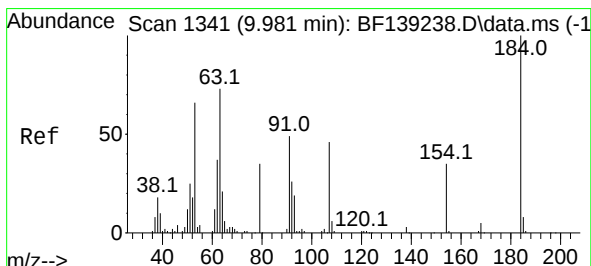
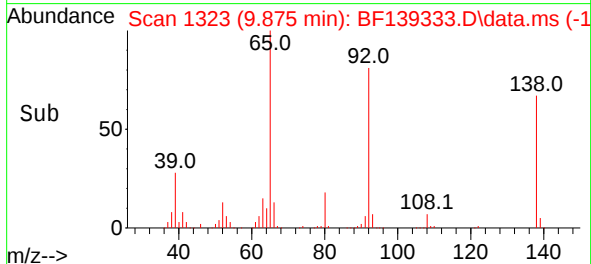
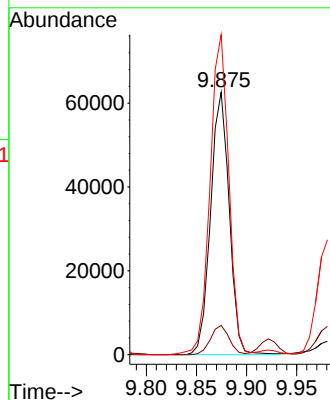
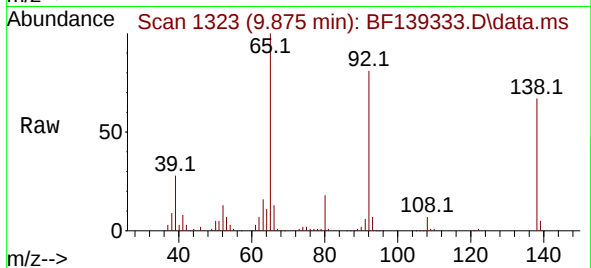
Tgt Ion:138 Resp: 80954

Ion Ratio Lower Upper

138 100

108 11.2 8.6 13.0

92 121.9 96.4 144.6



#54

2,4-Dinitrophenol

Concen: 88.921 ng

RT: 9.981 min Scan# 1341

Delta R.T. -0.000 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

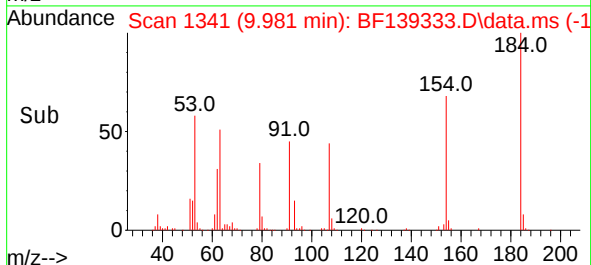
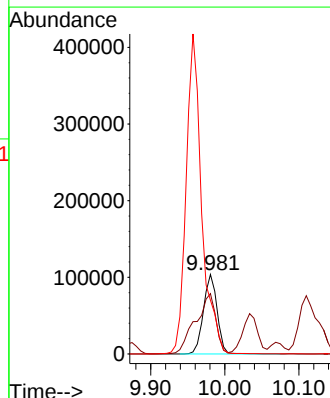
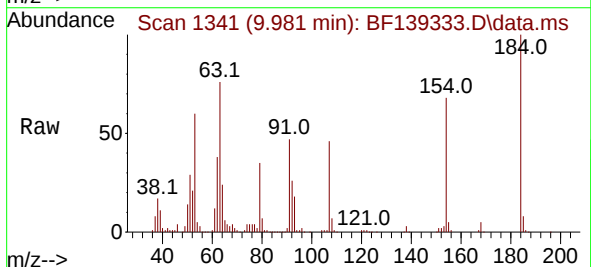
Tgt Ion:184 Resp: 133085

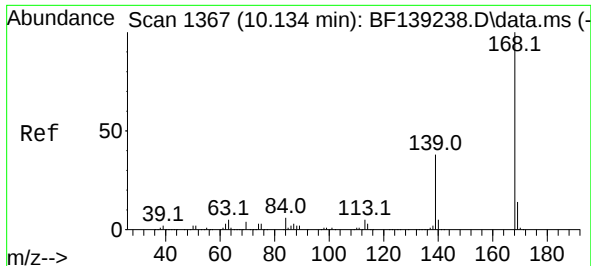
Ion Ratio Lower Upper

184 100

63 75.8 66.4 99.6

154 67.7 97.0 145.6#





#55

Dibenzenofuran

Concen: 47.826 ng

RT: 10.128 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

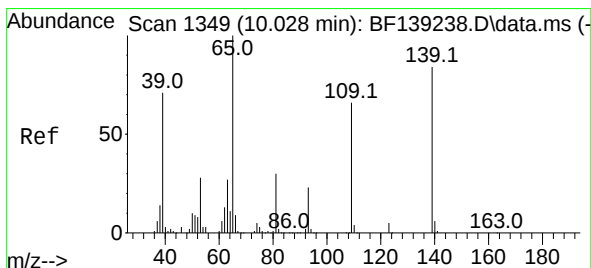
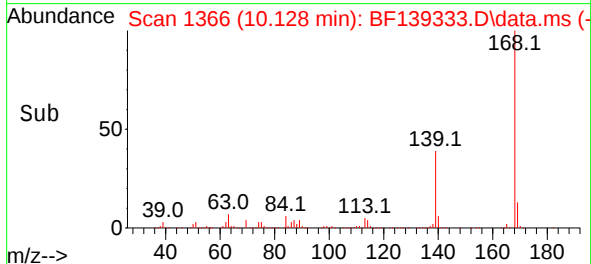
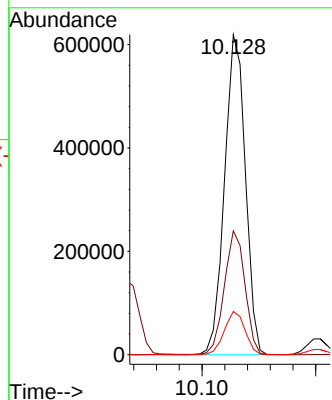
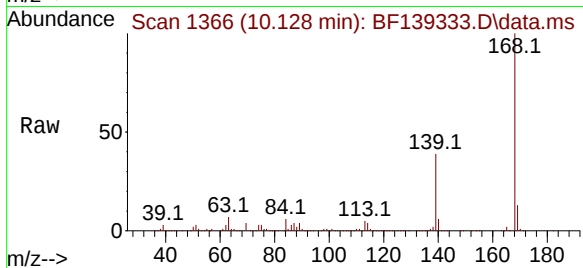
Tgt Ion:168 Resp: 787909

Ion Ratio Lower Upper

168 100

139 38.7 30.2 45.4

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 89.810 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

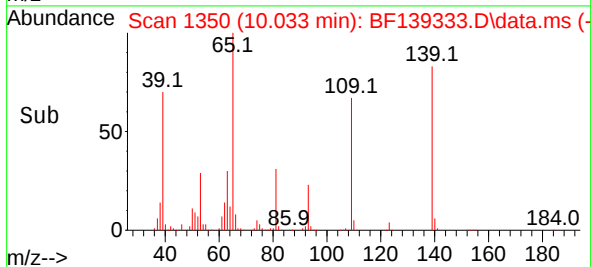
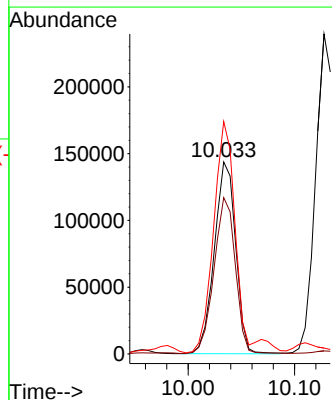
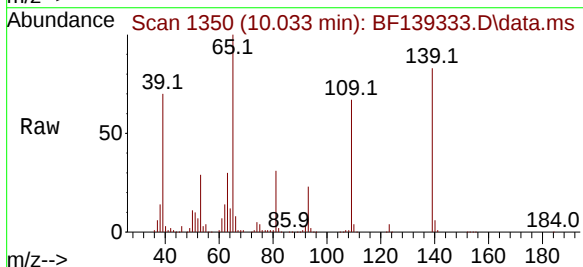
Tgt Ion:139 Resp: 199668

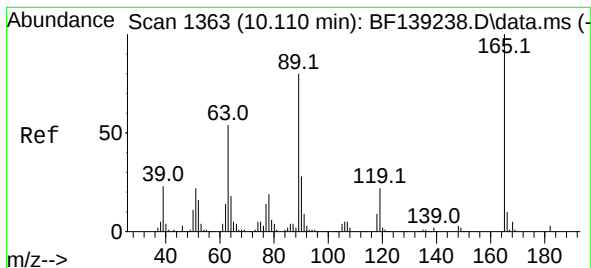
Ion Ratio Lower Upper

139 100

109 81.4 58.7 98.7

65 121.1 100.3 140.3

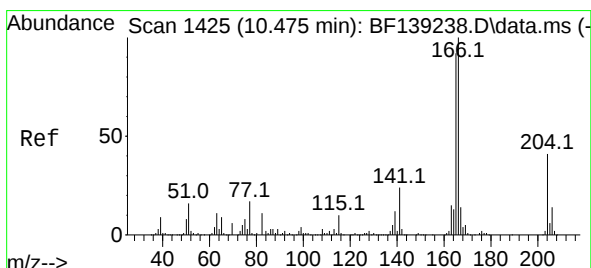
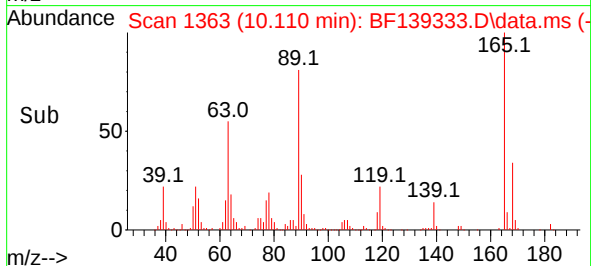
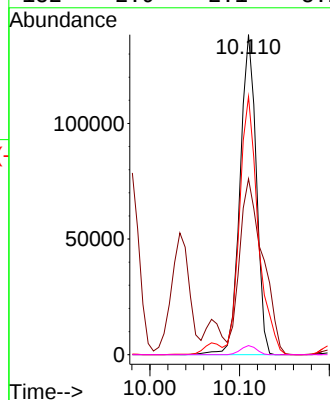
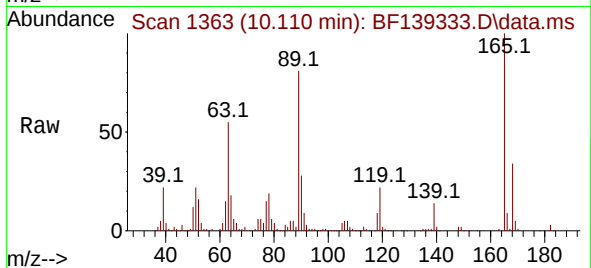




#57
2,4-Dinitrotoluene
Concen: 48.404 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

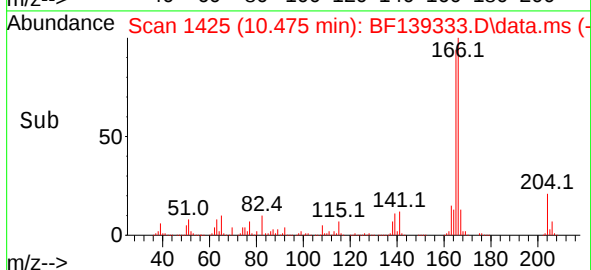
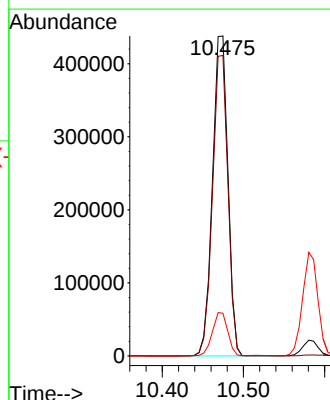
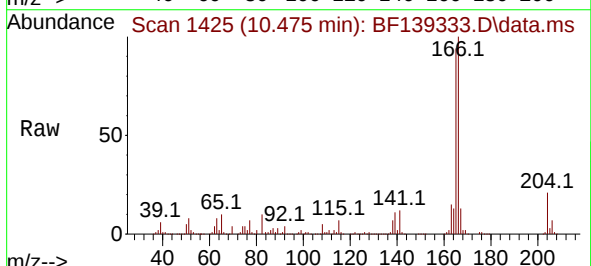
Instrument :
BNA_F
ClientSampleId :
72-11930MS

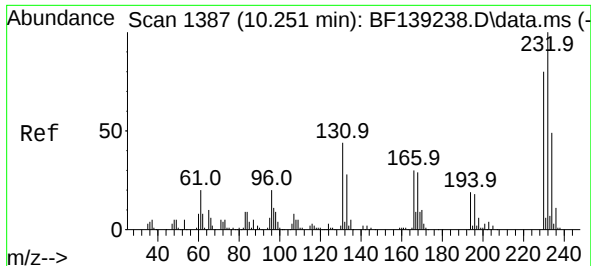
Tgt Ion:165 Resp: 174175
Ion Ratio Lower Upper
165 100
63 55.0 43.4 65.0
89 80.6 64.2 96.4
182 2.9 2.1 3.1



#58
Fluorene
Concen: 45.390 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:166 Resp: 579765
Ion Ratio Lower Upper
166 100
165 93.9 73.7 110.5
167 13.3 10.9 16.3

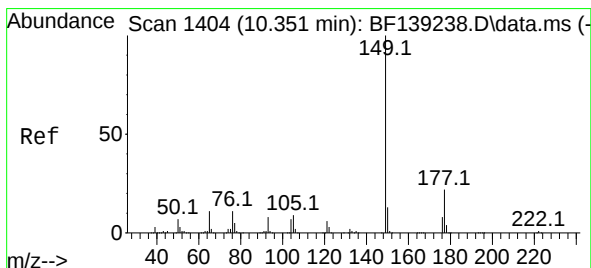
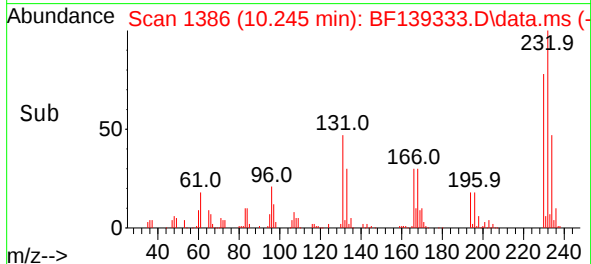
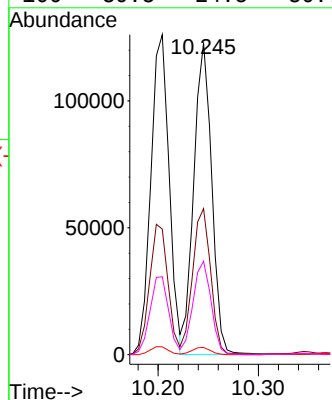
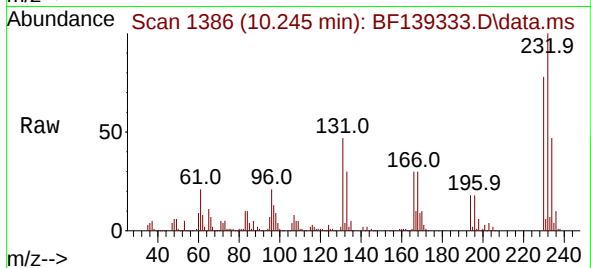




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.547 ng
RT: 10.245 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

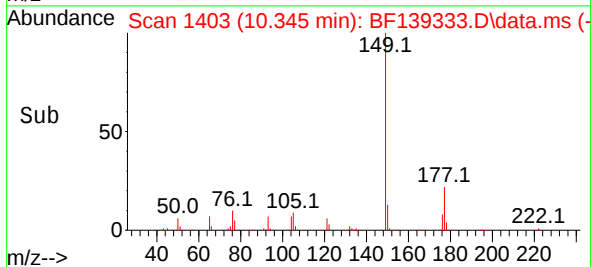
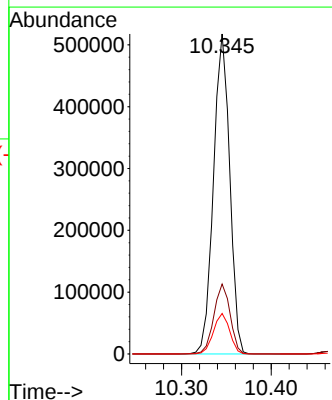
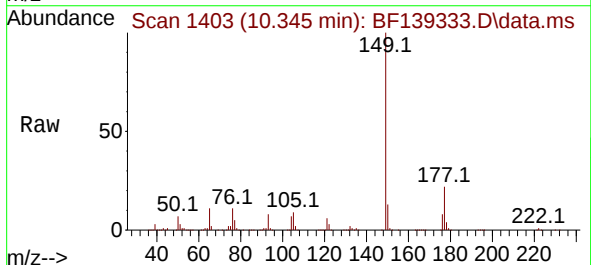
Instrument :
BNA_F
ClientSampleId :
72-11930MS

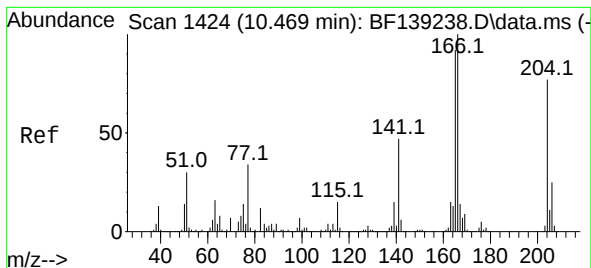
Tgt Ion:232 Resp: 152418
Ion Ratio Lower Upper
232 100
131 47.6 37.7 56.5
130 2.4 1.9 2.9
166 30.3 24.5 36.7



#60
Diethylphthalate
Concen: 52.952 ng
RT: 10.345 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:149 Resp: 649397
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.6 10.2 15.2

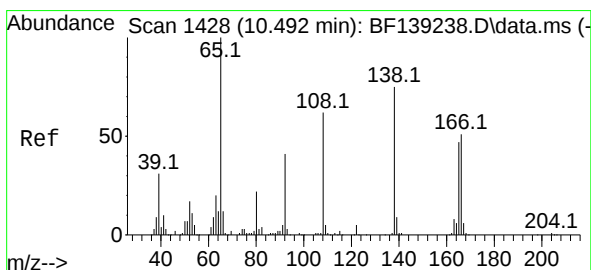
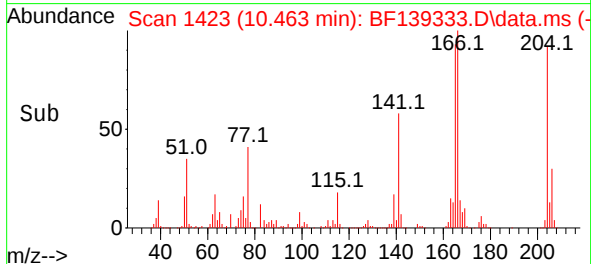
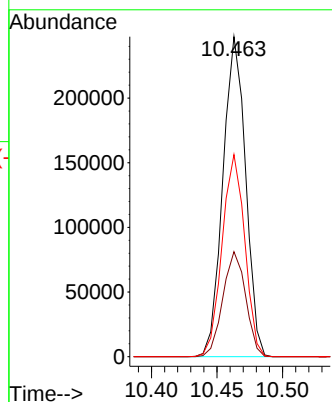
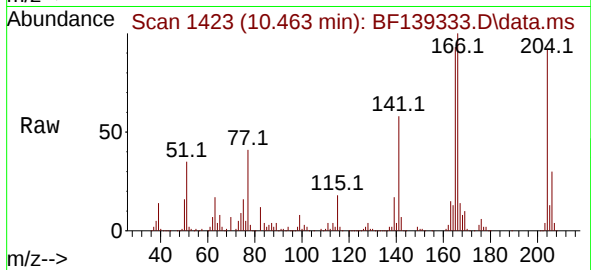




#61
4-Chlorophenyl-phenylether
Concen: 48.394 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

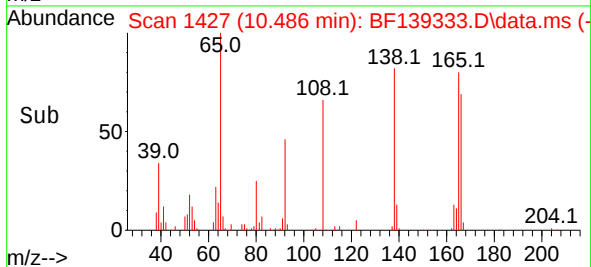
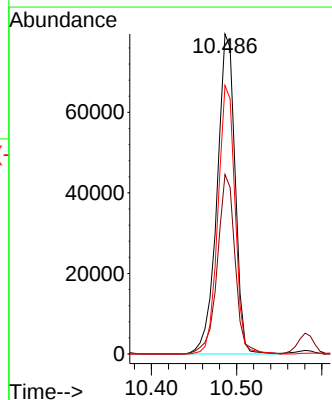
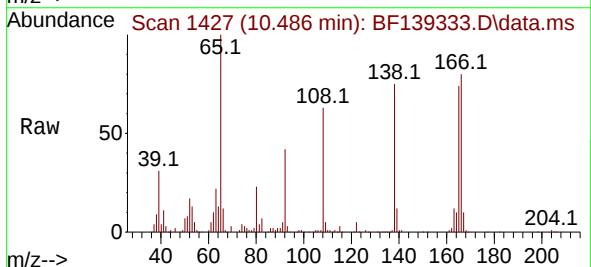
Instrument :
BNA_F
ClientSampleId :
72-11930MS

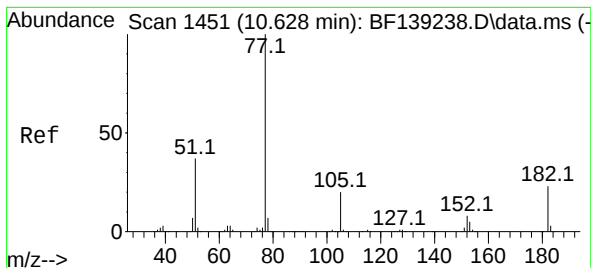
Tgt Ion:204 Resp: 298094
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 63.2 48.6 72.8



#62
4-Nitroaniline
Concen: 40.725 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:138 Resp: 116769
Ion Ratio Lower Upper
138 100
92 56.1 34.4 74.4
108 83.9 62.7 102.7





#63

Azobenzene

Concen: 50.918 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

Tgt Ion: 77 Resp: 658151

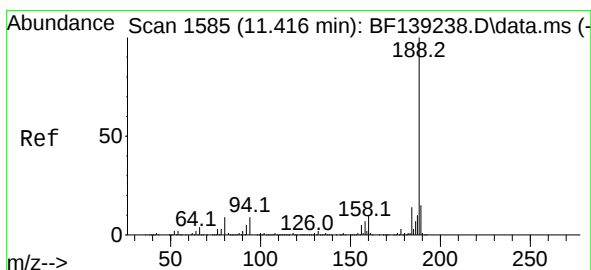
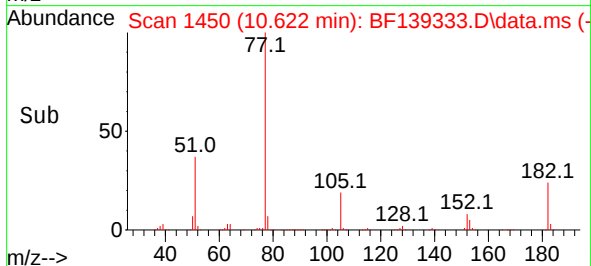
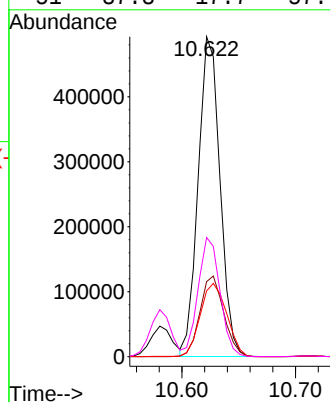
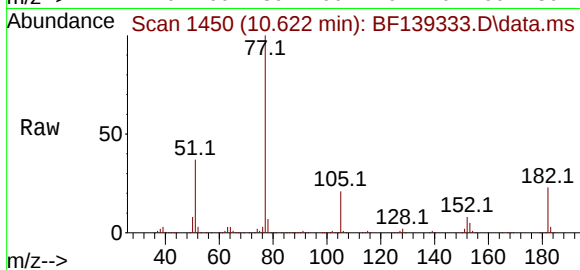
Ion Ratio Lower Upper

77 100

182 23.5 3.0 43.0

105 20.5 0.0 39.4

51 37.3 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

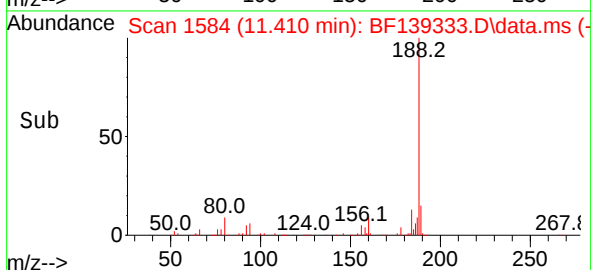
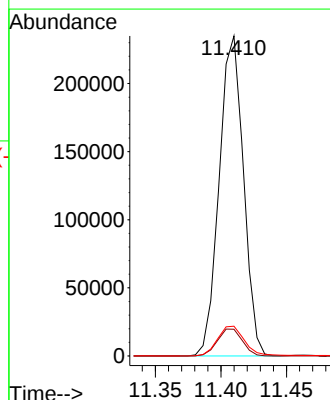
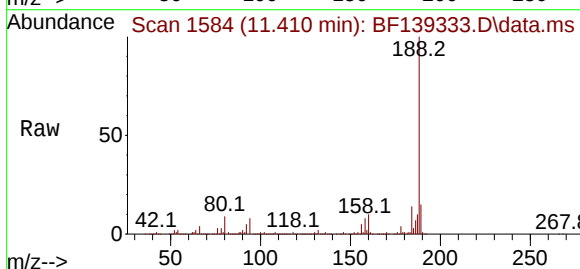
Tgt Ion:188 Resp: 302199

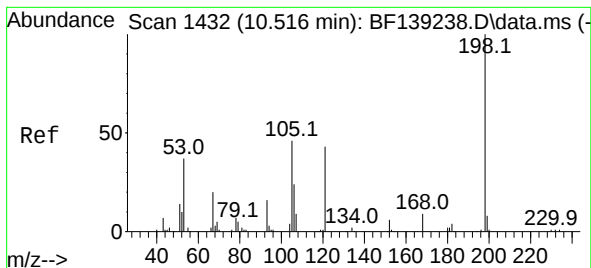
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

80 9.3 7.3 10.9

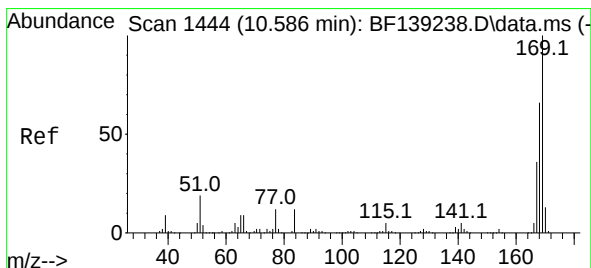
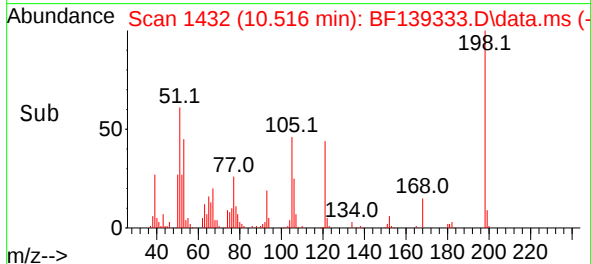
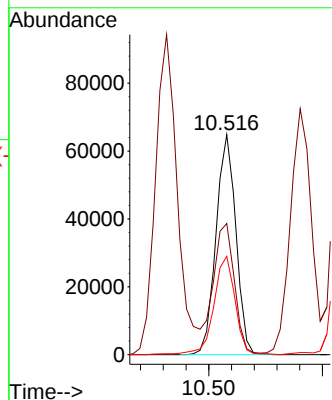
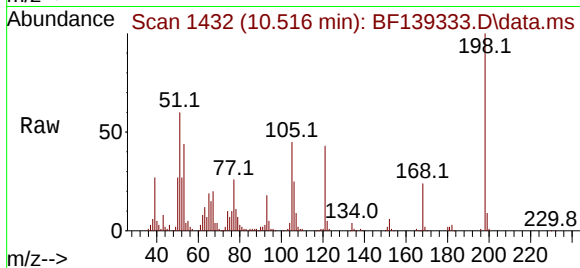




#65
4,6-Dinitro-2-methylphenol
Concen: 56.326 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

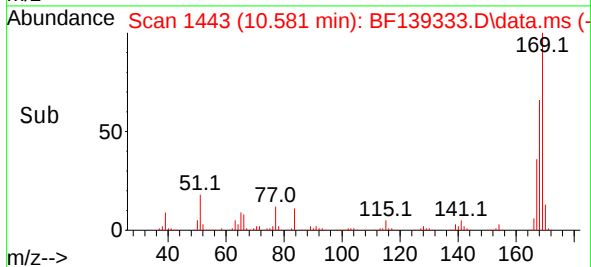
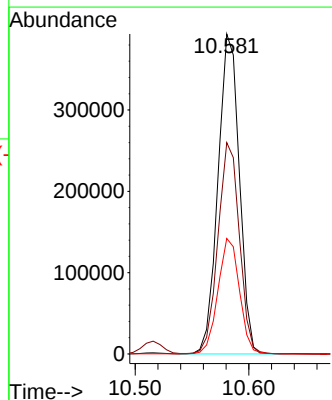
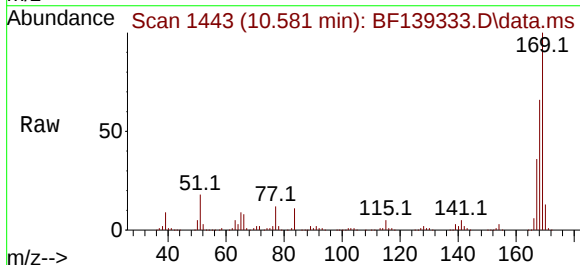
Instrument :
BNA_F
ClientSampleId :
72-11930MS

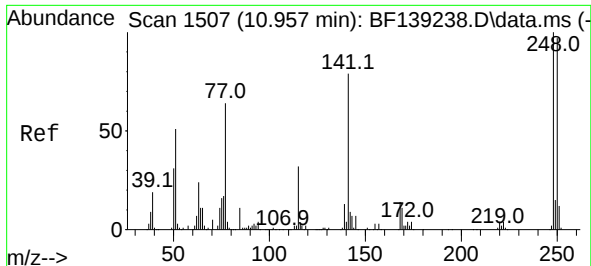
Tgt Ion:198 Resp: 78650
Ion Ratio Lower Upper
198 100
51 59.7 47.2 87.2
105 44.8 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 58.305 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:169 Resp: 512884
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.1 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 56.502 ng

RT: 10.951 min Scan# 1506

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

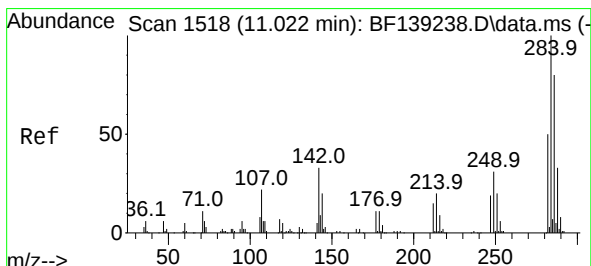
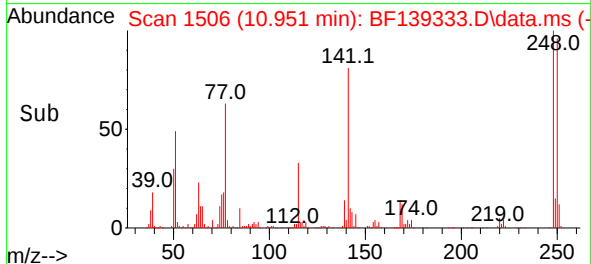
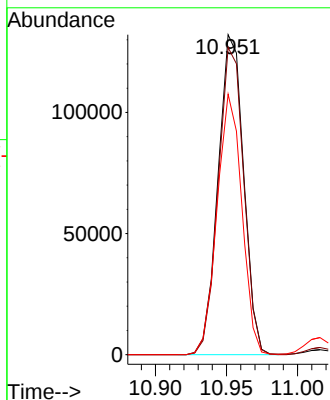
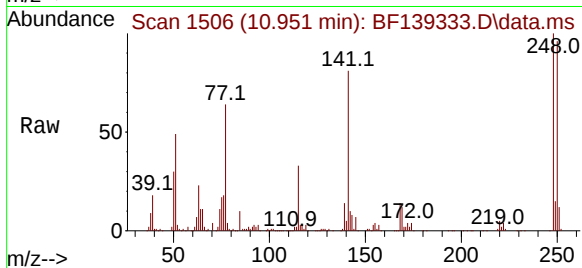
Tgt Ion:248 Resp: 165666

Ion Ratio Lower Upper

248 100

250 96.0 77.2 115.8

141 81.4 63.6 95.4



#68

Hexachlorobenzene

Concen: 51.230 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

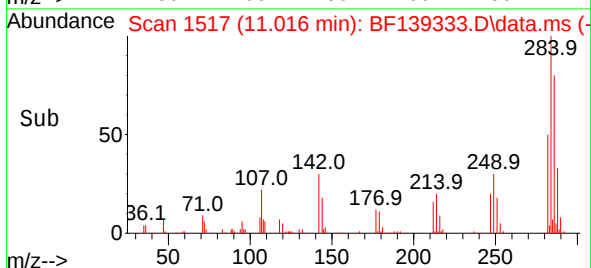
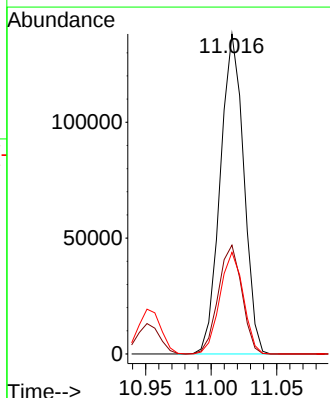
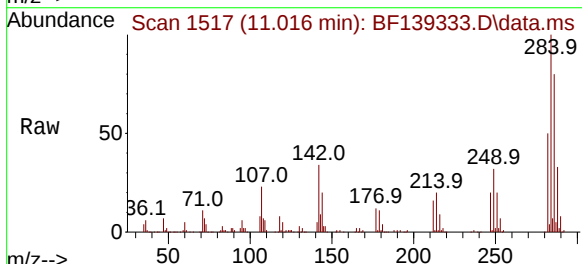
Tgt Ion:284 Resp: 171954

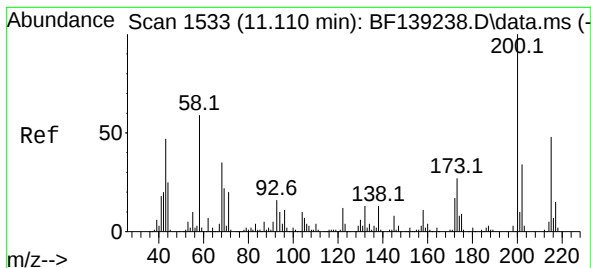
Ion Ratio Lower Upper

284 100

142 34.0 26.5 39.7

249 31.7 24.8 37.2





#69

Atrazine

Concen: 73.525 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

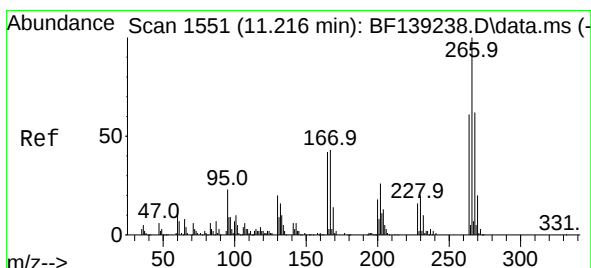
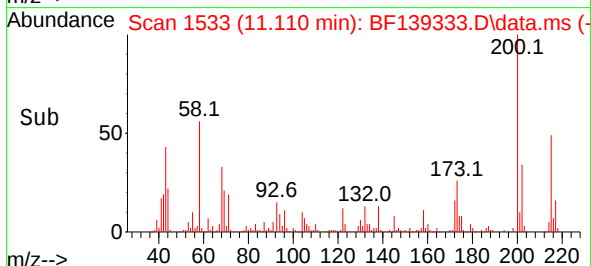
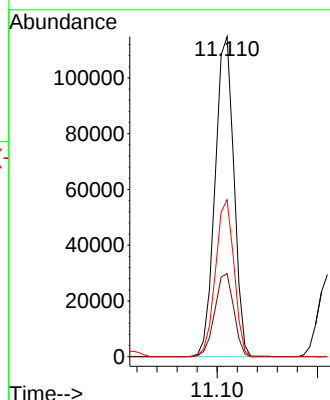
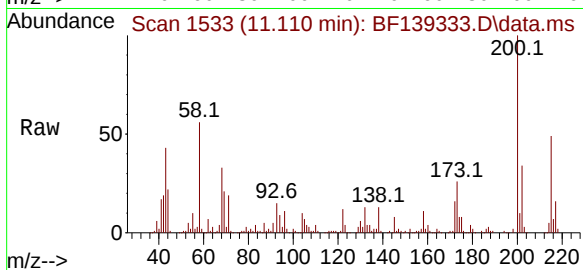
Tgt Ion:200 Resp: 149218

Ion Ratio Lower Upper

200 100

173 26.0 7.1 47.1

215 49.0 28.5 68.5



#70

Pentachlorophenol

Concen: 101.399 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

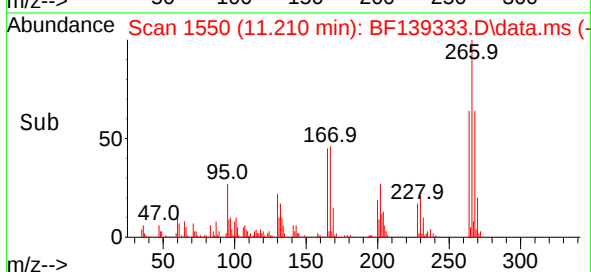
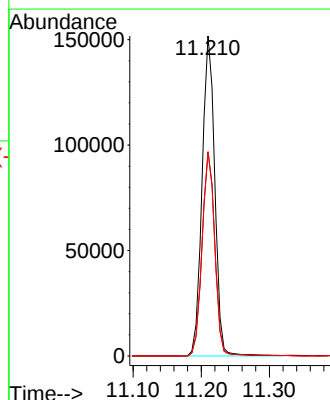
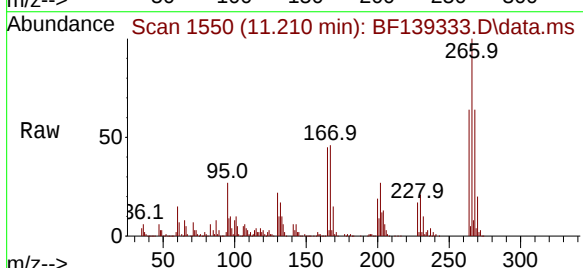
Tgt Ion:266 Resp: 196603

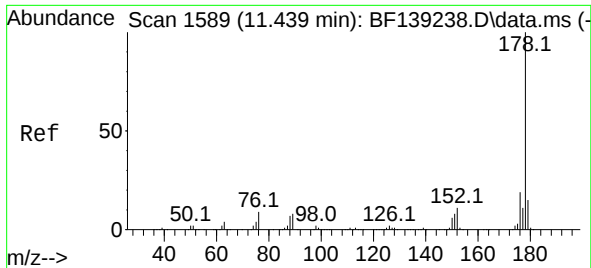
Ion Ratio Lower Upper

266 100

268 63.8 49.7 74.5

264 63.8 49.2 73.8

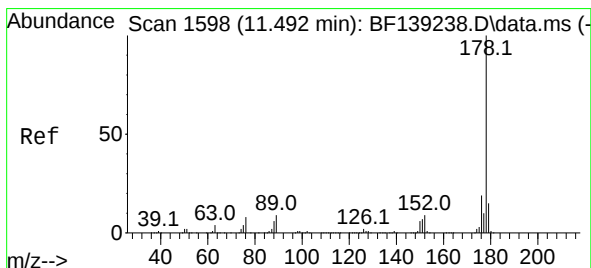
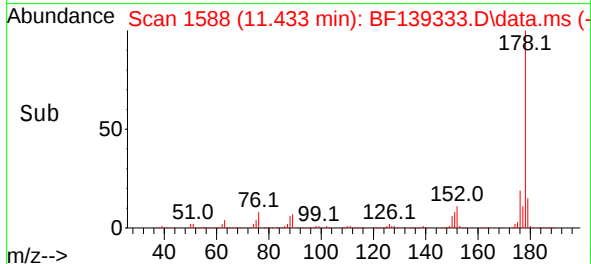
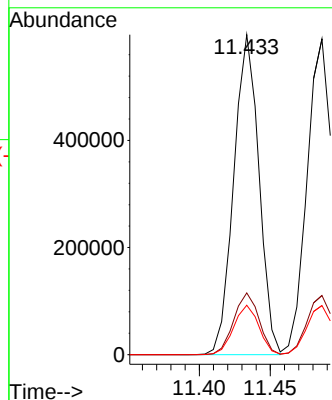
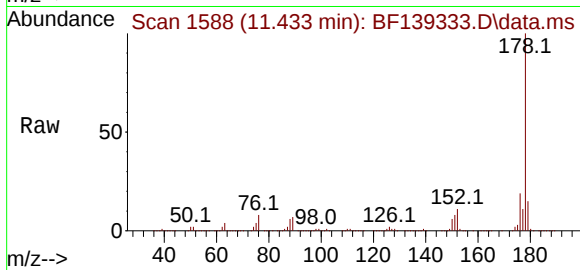




#71
Phenanthrene
Concen: 52.133 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

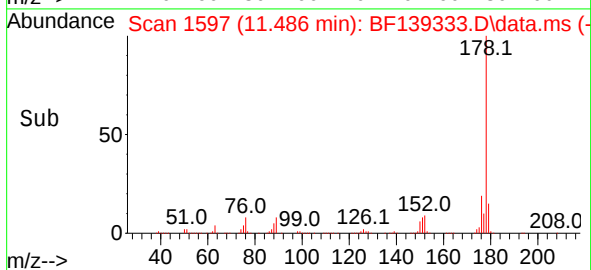
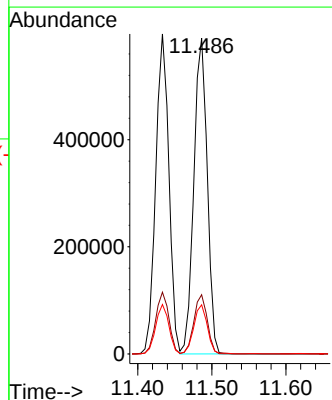
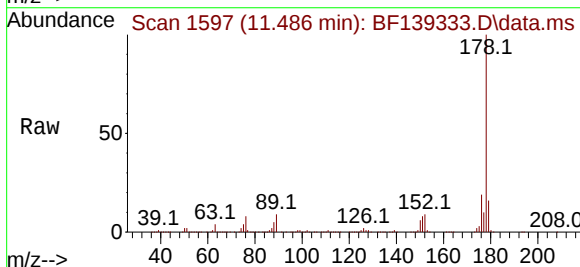
Instrument :
BNA_F
ClientSampleId :
72-11930MS

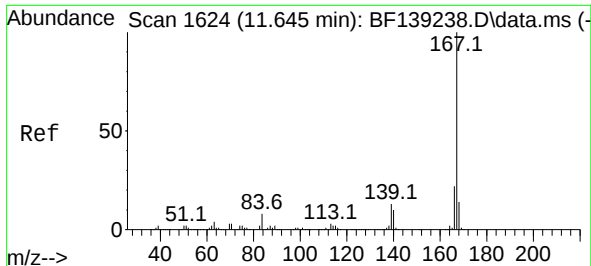
Tgt Ion:178 Resp: 735985
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 53.616 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:178 Resp: 739406
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.3 18.5

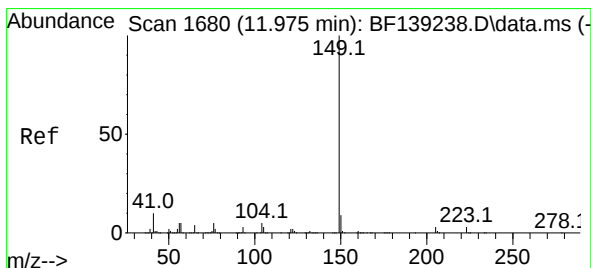
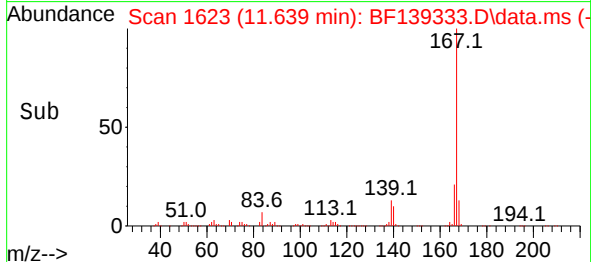
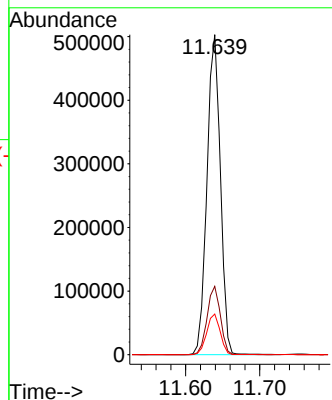
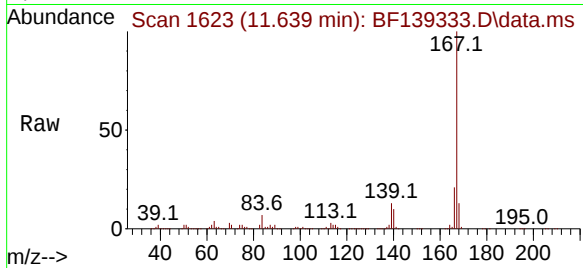




#73
 Carbazole
 Concen: 49.026 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BF139333.D
 Acq: 11 Sep 2024 18:39

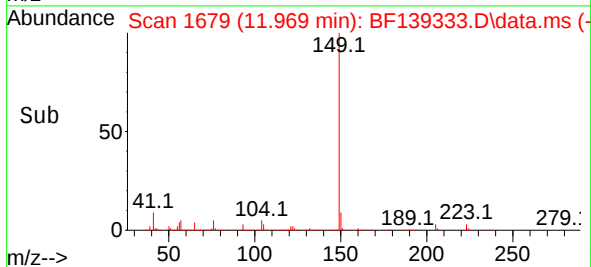
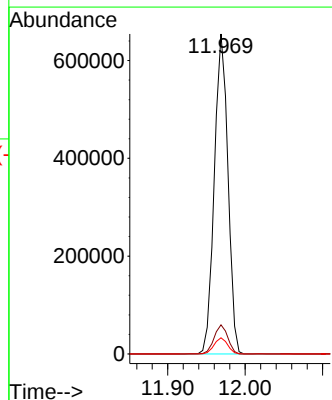
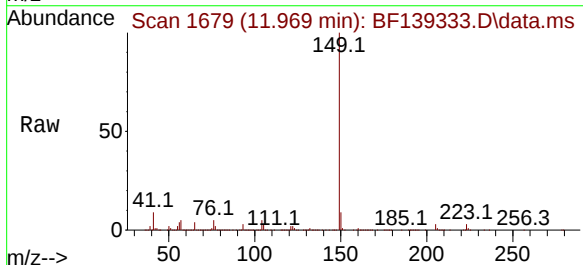
Instrument :
 BNA_F
 ClientSampleId :
 72-11930MS

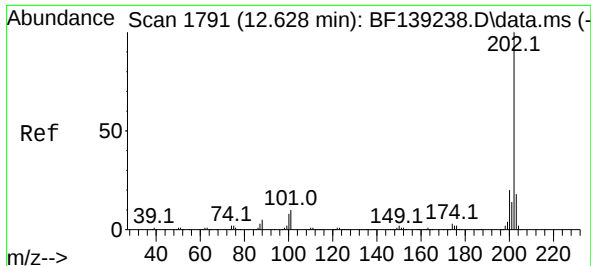
Tgt Ion:167 Resp: 631910
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 12.7 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 60.471 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF139333.D
 Acq: 11 Sep 2024 18:39

Tgt Ion:149 Resp: 798069
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.1 3.9 5.9

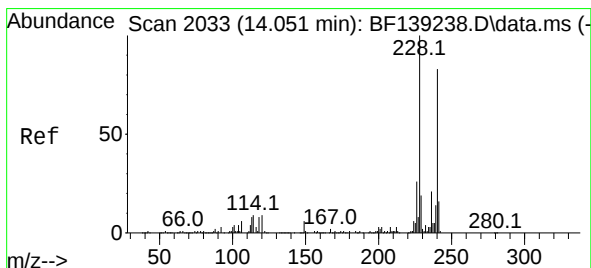
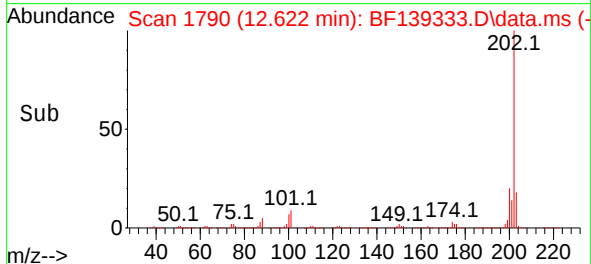
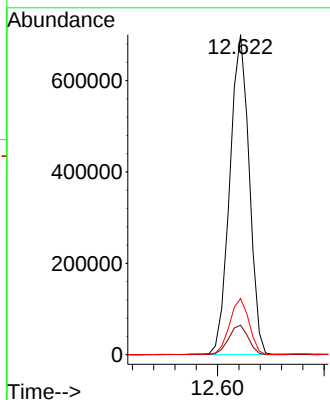
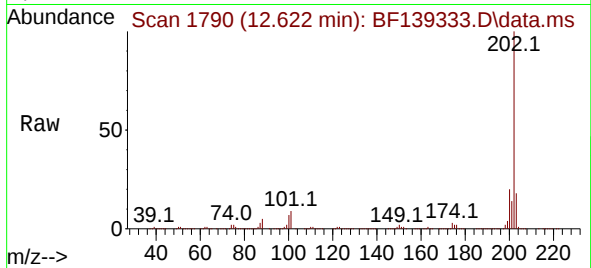




#75
Fluoranthene
Concen: 62.692 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

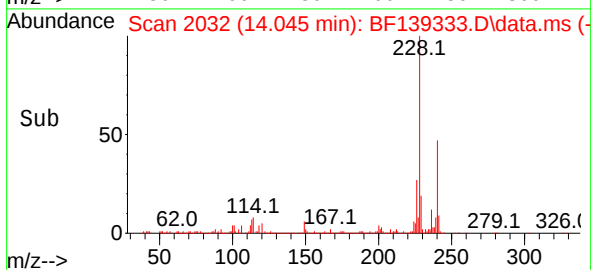
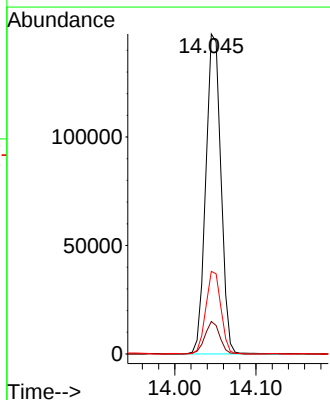
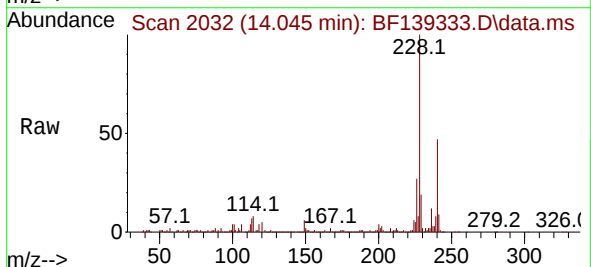
Instrument :
BNA_F
ClientSampleId :
72-11930MS

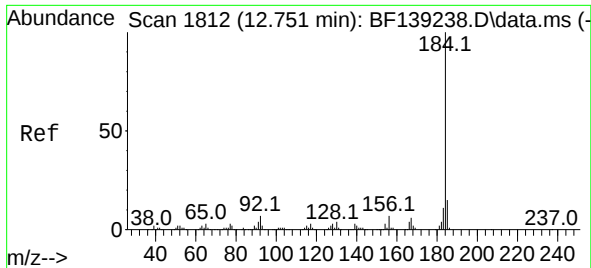
Tgt Ion:202 Resp: 887298
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.9
203 17.6 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:240 Resp: 190394
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.8 20.7 31.1

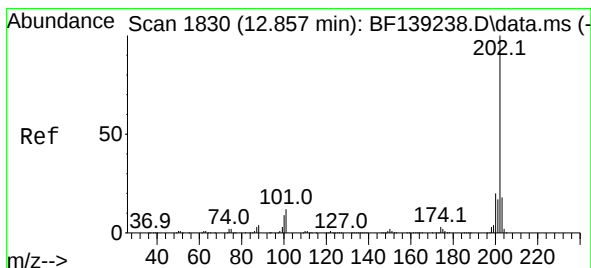
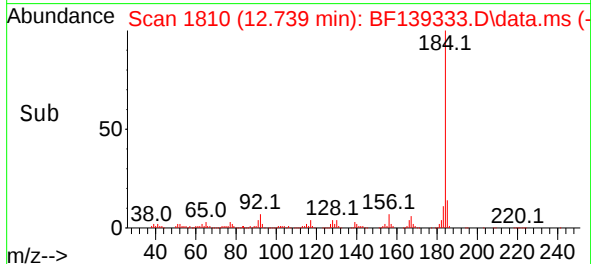
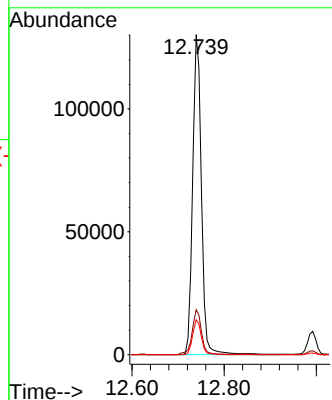
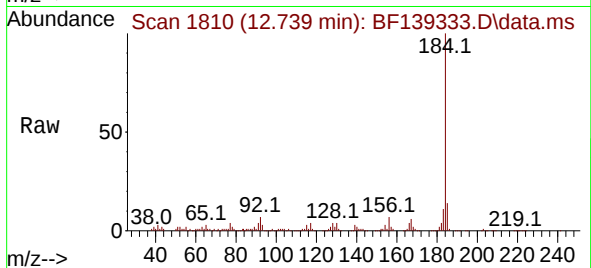




#77
Benzidine
Concen: 44.604 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

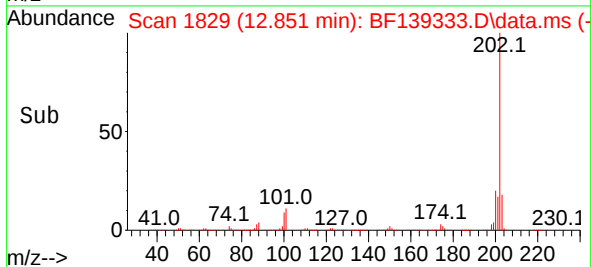
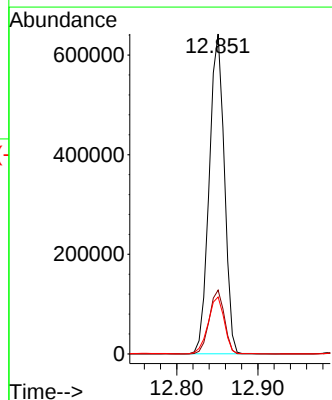
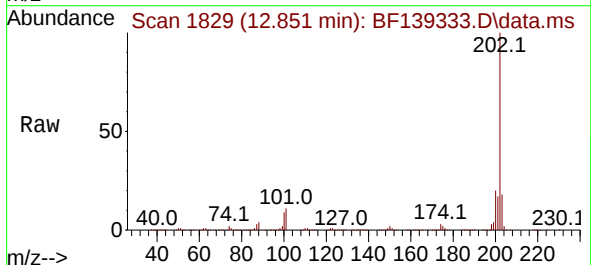
Instrument :
BNA_F
ClientSampleId :
72-11930MS

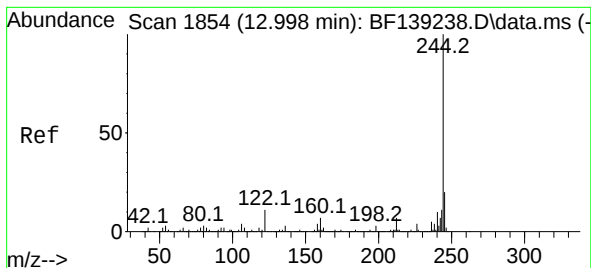
Tgt Ion:184 Resp: 170996
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 10.9 8.8 13.2



#78
Pyrene
Concen: 45.100 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:202 Resp: 829483
Ion Ratio Lower Upper
202 100
200 20.0 15.8 23.8
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 67.858 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

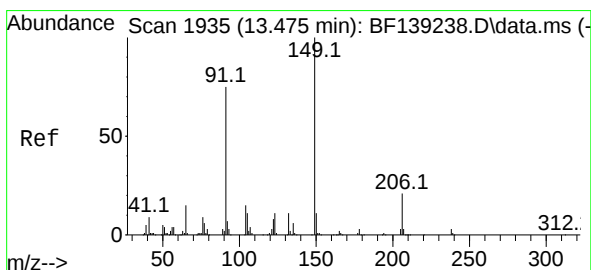
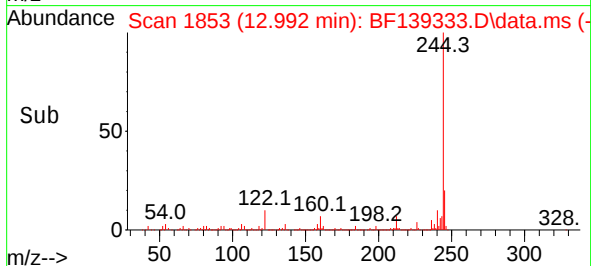
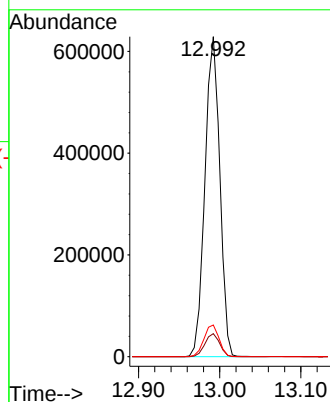
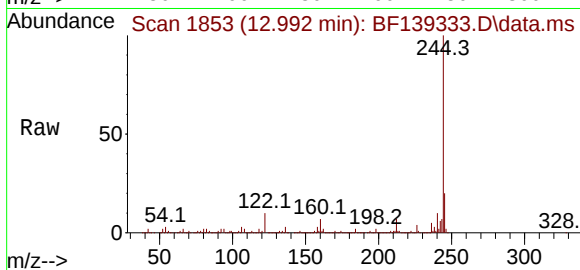
Tgt Ion:244 Resp: 800196

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 9.9 8.7 13.1



#80

Butylbenzylphthalate

Concen: 67.054 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

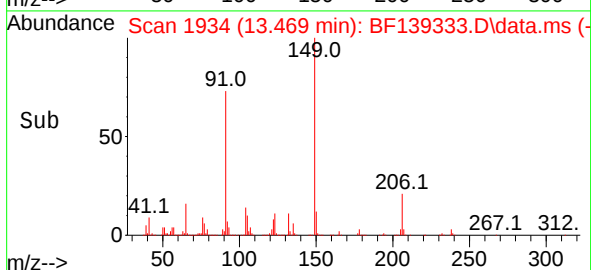
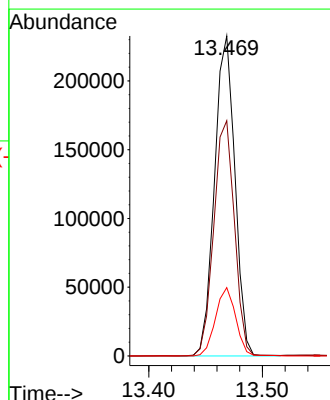
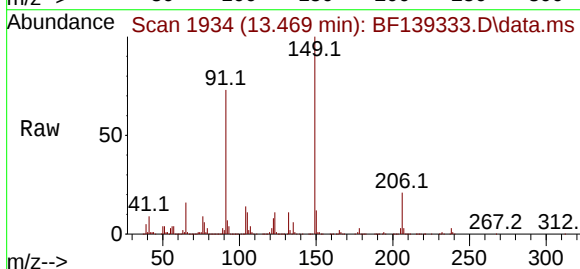
Tgt Ion:149 Resp: 290325

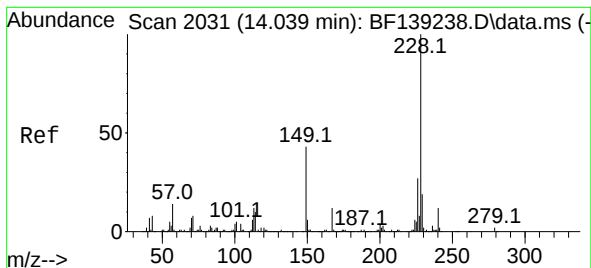
Ion Ratio Lower Upper

149 100

91 73.5 60.3 90.5

206 21.3 16.7 25.1





#81

Benzo(a)anthracene

Concen: 56.192 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

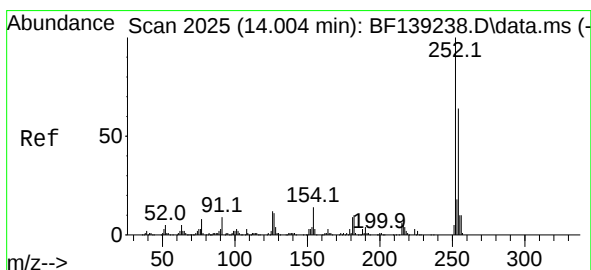
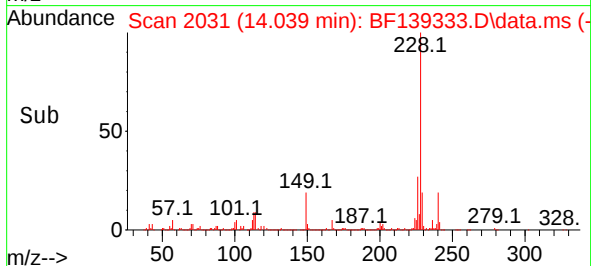
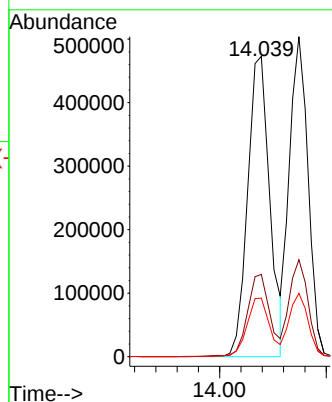
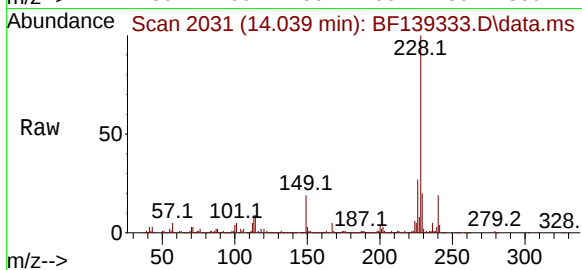
Tgt Ion:228 Resp: 683156

Ion Ratio Lower Upper

228 100

226 27.4 21.5 32.3

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 39.154 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

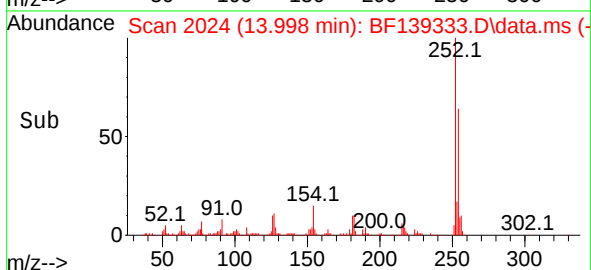
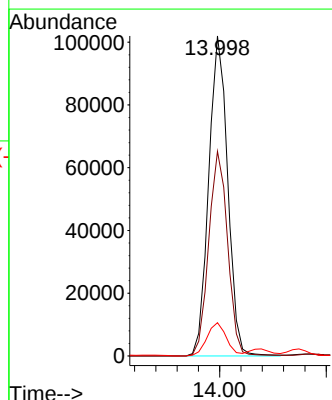
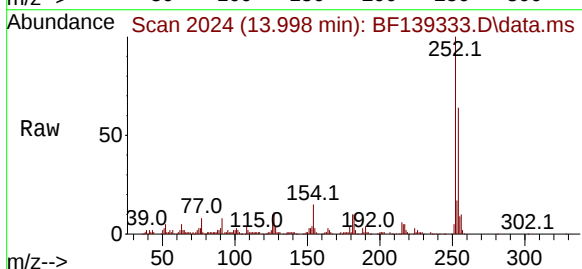
Tgt Ion:252 Resp: 126415

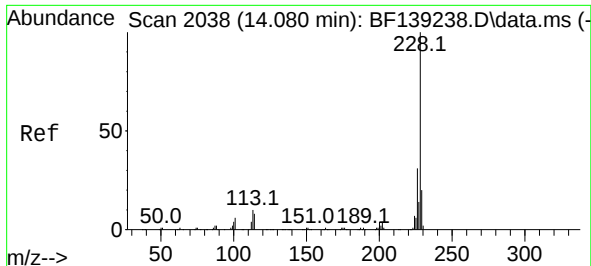
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 10.4 9.2 13.8





#83

Chrysene

Concen: 54.039 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

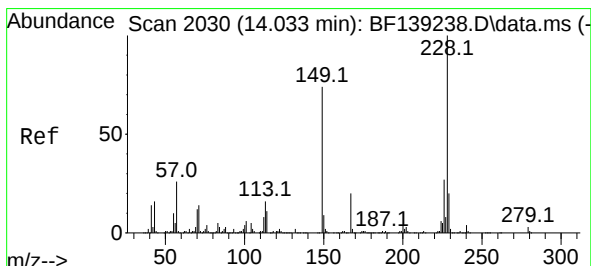
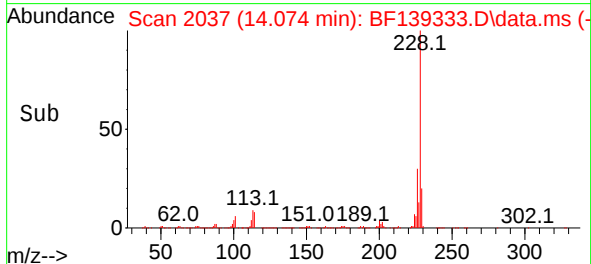
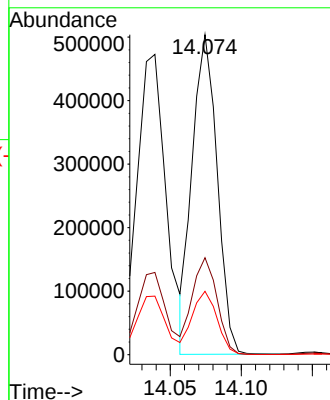
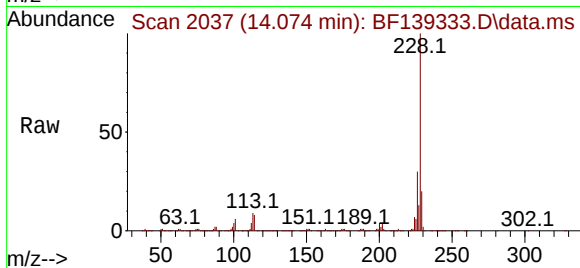
Tgt Ion:228 Resp: 613170

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.8

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 81.709 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

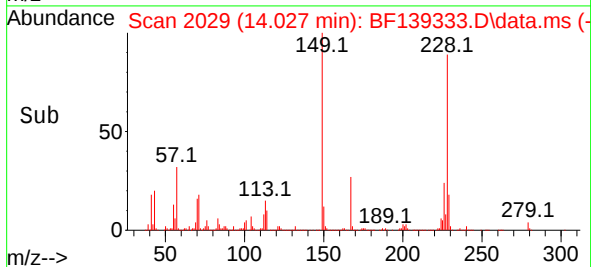
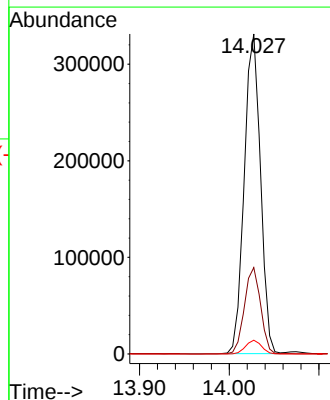
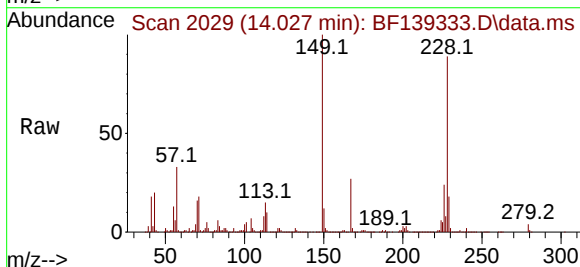
Tgt Ion:149 Resp: 415239

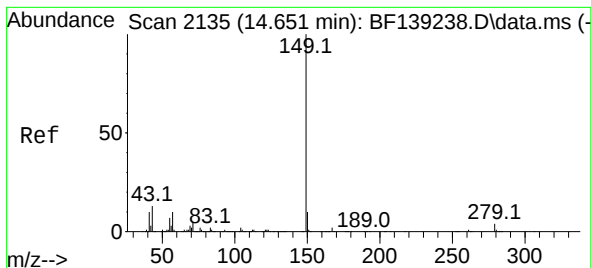
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 68.808 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

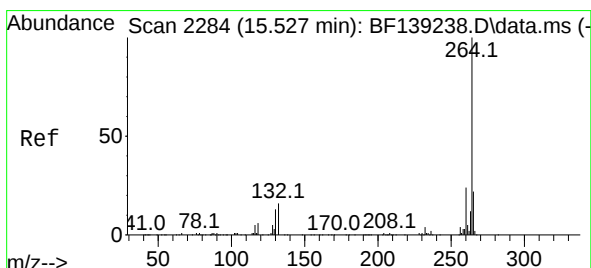
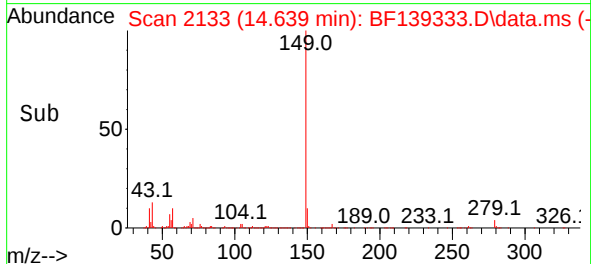
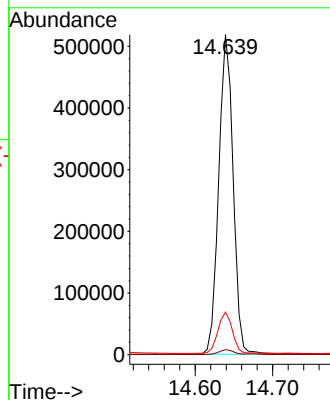
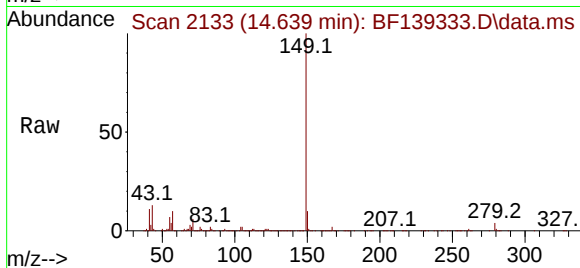
Tgt Ion:149 Resp: 669476

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.0 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.012 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

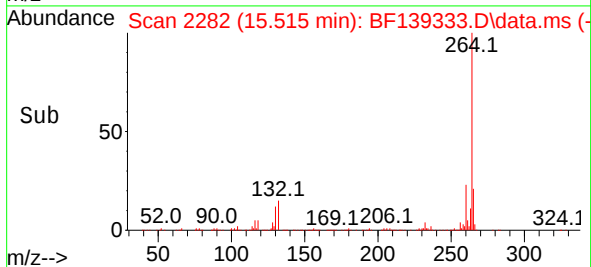
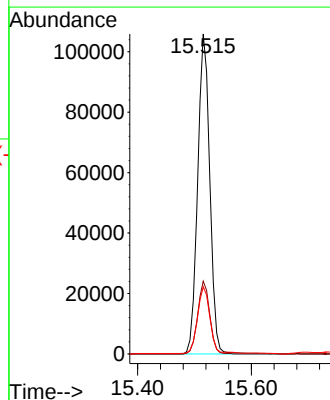
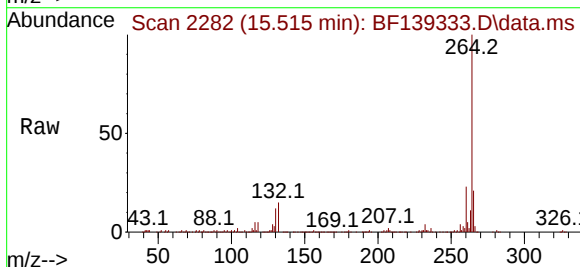
Tgt Ion:264 Resp: 157374

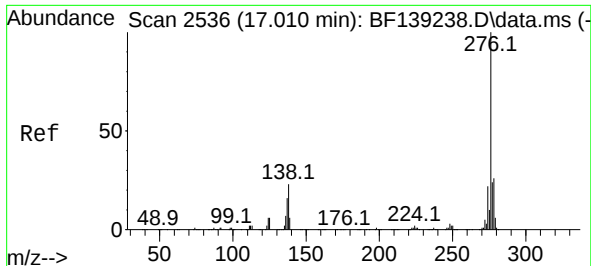
Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 21.0 17.3 25.9

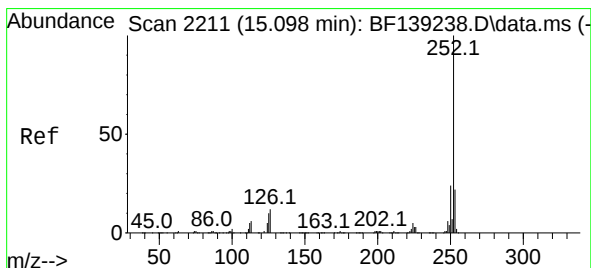
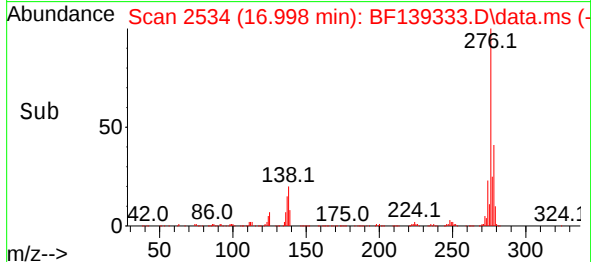
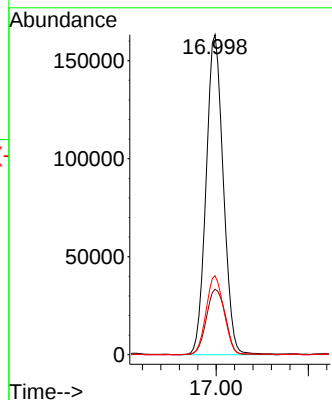
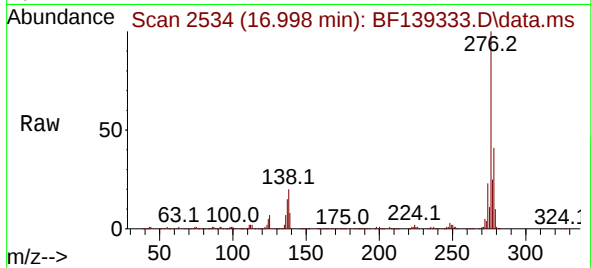




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.162 ng
RT: 16.998 min Scan# 2109
Delta R.T. -0.012 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

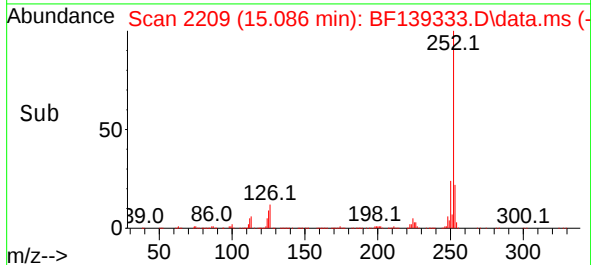
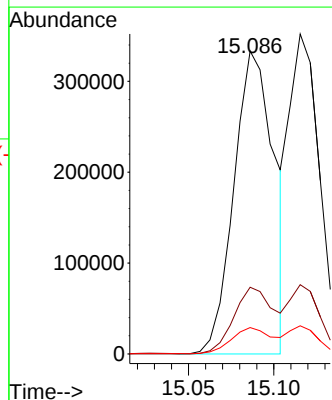
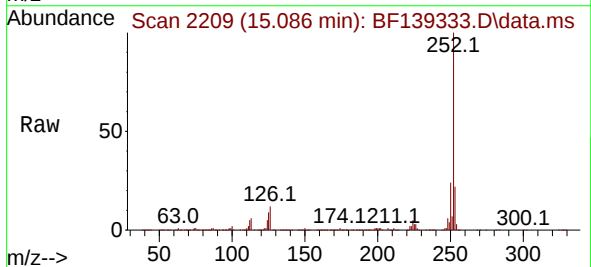
Instrument :
BNA_F
ClientSampleId :
72-11930MS

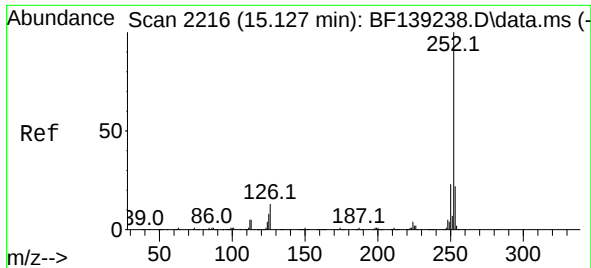
Tgt Ion:276 Resp: 424339
Ion Ratio Lower Upper
276 100
138 22.5 20.4 30.6
277 25.7 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 60.435 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF139333.D
Acq: 11 Sep 2024 18:39

Tgt Ion:252 Resp: 547733
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.7 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 53.248 ng

RT: 15.116 min Scan# 2214

Delta R.T. -0.012 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

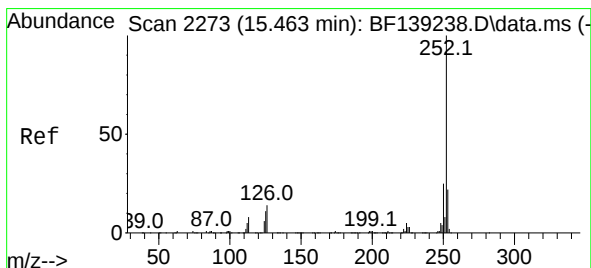
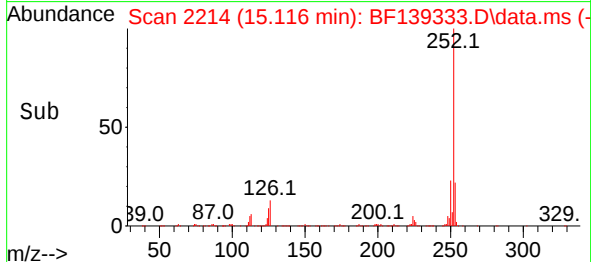
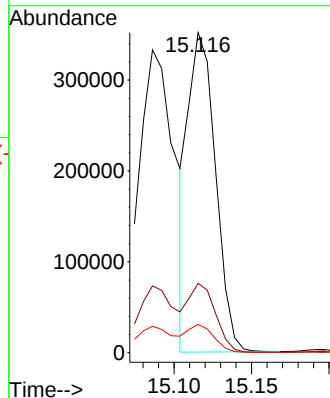
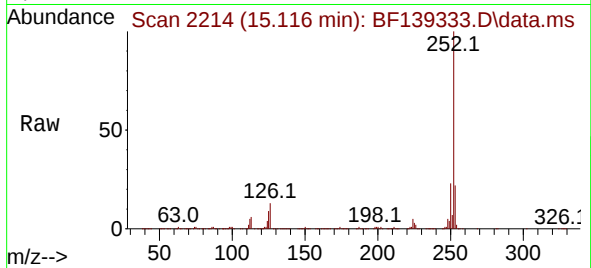
Tgt Ion:252 Resp: 432708

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 8.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 56.059 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

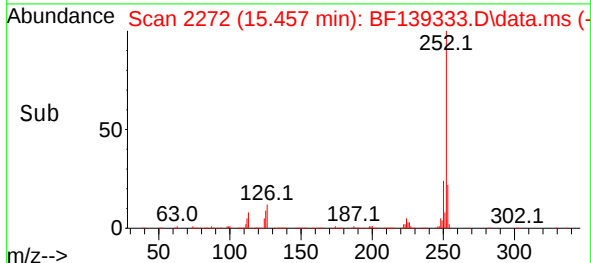
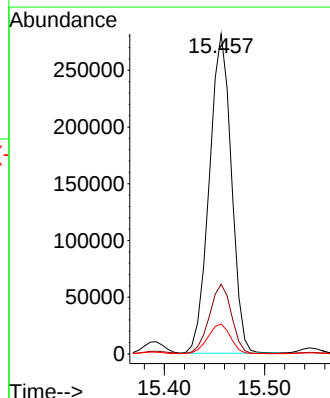
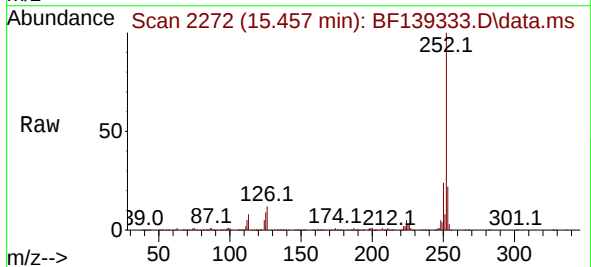
Tgt Ion:252 Resp: 431421

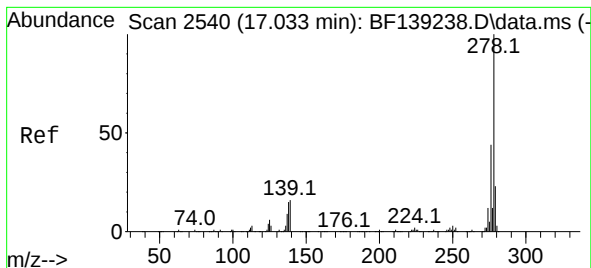
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 42.823 ng

RT: 17.015 min Scan# 2537

Delta R.T. -0.018 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Instrument :

BNA_F

ClientSampleId :

72-11930MS

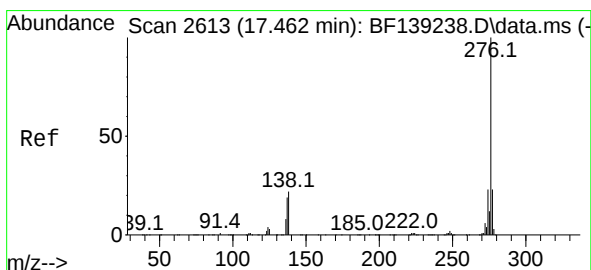
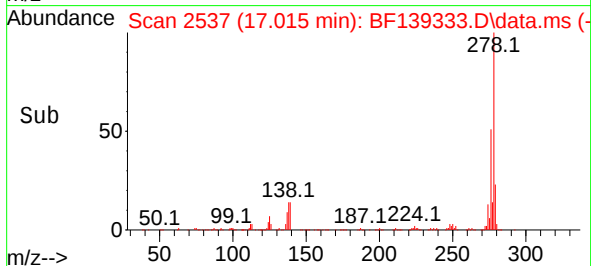
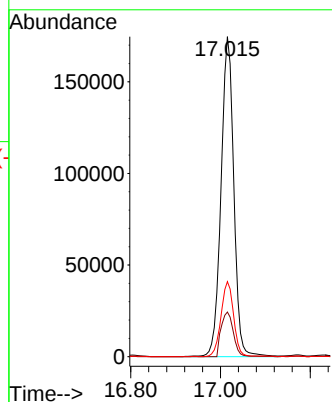
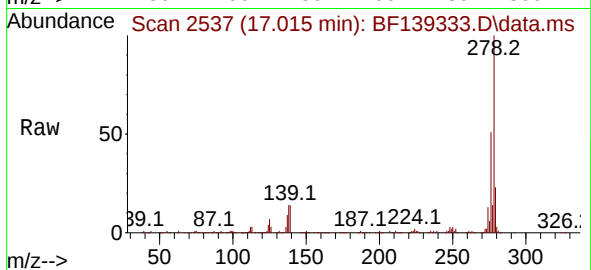
Tgt Ion:278 Resp: 346954

Ion Ratio Lower Upper

278 100

139 14.0 12.6 19.0

279 23.5 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 37.832 ng

RT: 17.445 min Scan# 2610

Delta R.T. -0.018 min

Lab File: BF139333.D

Acq: 11 Sep 2024 18:39

Tgt Ion:276 Resp: 316391

Ion Ratio Lower Upper

276 100

277 22.8 18.6 27.8

138 19.2 17.4 26.0

