

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139334.D
 Acq On : 11 Sep 2024 19:07
 Operator : RC/JU
 Sample : P3929-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930MSD

Quant Time: Sep 12 05:15:28 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	57247	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	215802	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	109802	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	164983	20.000	ng	0.00
76) Chrysene-d12	14.045	240	103810	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	78333	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	431339	126.046	ng	0.00
7) Phenol-d6	6.516	99	564823	123.636	ng	0.00
23) Nitrobenzene-d5	7.451	82	383799	92.521	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	131863	139.073	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	695057	97.714	ng	0.00
79) Terphenyl-d14	12.992	244	499172	77.637	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	59121	37.099	ng	# 94
3) Pyridine	3.493	79	141732	36.844	ng	97
4) n-Nitrosodimethylamine	3.457	42	131297	52.561	ng	83
6) Aniline	6.545	93	107805	25.662	ng	# 59
8) 2-Chlorophenol	6.669	128	188661	53.195	ng	98
9) Benzaldehyde	6.434	77	43076	15.577	ng	96
10) Phenol	6.534	94	243191	50.468	ng	90
11) bis(2-Chloroethyl)ether	6.622	93	176824	51.220	ng	97
12) 1,3-Dichlorobenzene	6.828	146	202658	50.484	ng	97
13) 1,4-Dichlorobenzene	6.904	146	205053	51.034	ng	98
14) 1,2-Dichlorobenzene	7.057	146	193031	51.511	ng	99
15) Benzyl Alcohol	7.028	79	195342	58.633	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	308499	46.942	ng	91
17) 2-Methylphenol	7.140	107	149686	51.669	ng	# 92
18) Hexachloroethane	7.398	117	79192	55.184	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	151943	57.748	ng	98
20) 3+4-Methylphenols	7.293	107	203935	55.855	ng	# 84
22) Acetophenone	7.293	105	282630	54.974	ng	95
24) Nitrobenzene	7.469	77	225748	51.273	ng	97
25) Isophorone	7.704	82	389392	54.905	ng	98
26) 2-Nitrophenol	7.781	139	97609	56.445	ng	# 88
27) 2,4-Dimethylphenol	7.822	122	152412	61.799	ng	95
28) bis(2-Chloroethoxy)met...	7.916	93	219576	51.966	ng	98
29) 2,4-Dichlorophenol	8.022	162	157782	53.432	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	173105	51.327	ng	99
31) Naphthalene	8.192	128	558962	51.147	ng	100
32) Benzoic acid	7.940	122	116249	51.748	ng	96
33) 4-Chloroaniline	8.234	127	34693	9.168	ng	98
34) Hexachlorobutadiene	8.304	225	120406	56.342	ng	99
35) Caprolactam	8.610	113	35778	39.137	ng	93
36) 4-Chloro-3-methylphenol	8.722	107	175357	54.494	ng	98
37) 2-Methylnaphthalene	8.881	142	363988	53.235	ng	100
38) 1-Methylnaphthalene	8.981	142	332378	49.427	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	175910	56.625	ng	99
41) Hexachlorocyclopentadiene	9.034	237	146013	146.249	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	114597	56.379	ng	100

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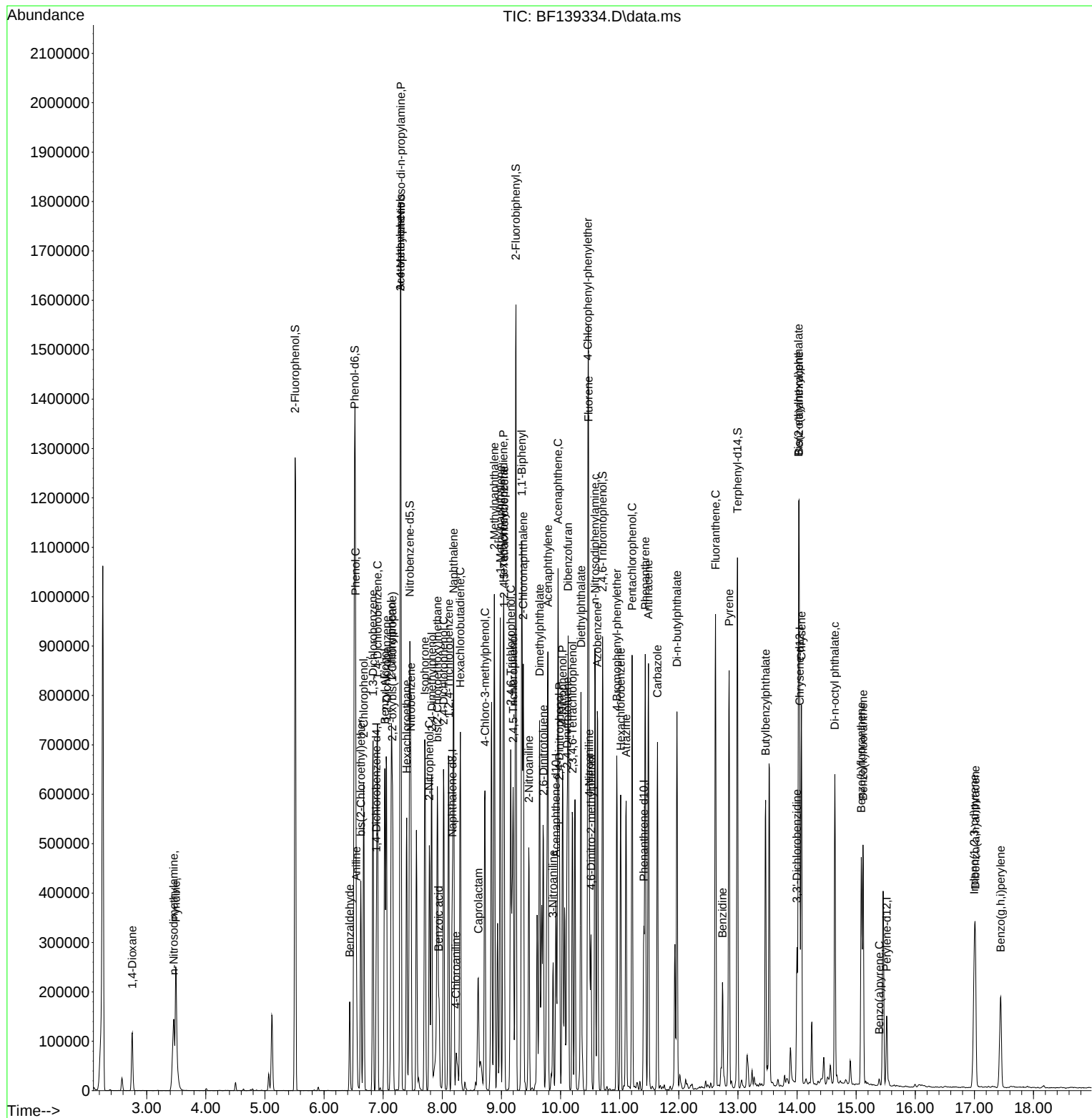
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	117006	54.932	ng	95
46) 1,1'-Biphenyl	9.345	154	452705	55.647	ng	99
47) 2-Chloronaphthalene	9.369	162	325083	52.921	ng	98
48) 2-Nitroaniline	9.463	65	119232	56.352	ng	94
49) Acenaphthylene	9.786	152	522499	56.474	ng	100
50) Dimethylphthalate	9.645	163	406196	61.035	ng	100
51) 2,6-Dinitrotoluene	9.710	165	82708	54.781	ng	98
52) Acenaphthene	9.957	154	371417	60.526	ng	99
53) 3-Nitroaniline	9.875	138	44678	27.775	ng	93
54) 2,4-Dinitrophenol	9.981	184	82657	102.189	ng	# 74
55) Dibenzofuran	10.128	168	473265	53.793	ng	95
56) 4-Nitrophenol	10.034	139	116144	97.823	ng	84
57) 2,4-Dinitrotoluene	10.110	165	103657	53.942	ng	93
58) Fluorene	10.475	166	360456	52.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	96579	57.602	ng	96
60) Diethylphthalate	10.345	149	403591	61.623	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	186465	56.684	ng	96
62) 4-Nitroaniline	10.486	138	67016	43.767	ng	# 83
63) Azobenzene	10.622	77	394472	57.147	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	47489	62.295	ng	100
66) n-Nitrosodiphenylamine	10.581	169	303763	63.252	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	100246	62.625	ng	94
68) Hexachlorobenzene	11.016	284	104880	57.234	ng	97
69) Atrazine	11.110	200	93499	84.387	ng	97
70) Pentachlorophenol	11.210	266	125935	118.972	ng	99
71) Phenanthrene	11.433	178	446263	57.901	ng	100
72) Anthracene	11.486	178	452831	60.145	ng	99
73) Carbazole	11.639	167	382135	54.305	ng	99
74) Di-n-butylphthalate	11.969	149	491960	68.280	ng	99
75) Fluoranthene	12.622	202	545666	70.619	ng	98
77) Benzidine	12.739	184	102512	49.043	ng	99
78) Pyrene	12.851	202	496270	49.488	ng	100
80) Butylbenzylphthalate	13.469	149	176767	74.878	ng	98
81) Benzo(a)anthracene	14.033	228	408986	61.699	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	71844	40.811	ng	99
83) Chrysene	14.074	228	359372	58.088	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	259076	93.500	ng	100
85) Di-n-octyl phthalate	14.639	149	389721	73.464	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	231800	47.368	ng	# 94
88) Benzo(b)fluoranthene	15.086	252	301348	66.800	ng	98
89) Benzo(k)fluoranthene	15.116	252	245883	60.789	ng	98
90) Benzo(a)pyrene	15.392	252	8609	2.247	ng	95
91) Dibenzo(a,h)anthracene	17.015	278	191567	47.503	ng	97
92) Benzo(g,h,i)perylene	17.445	276	171264	41.142	ng	# 93

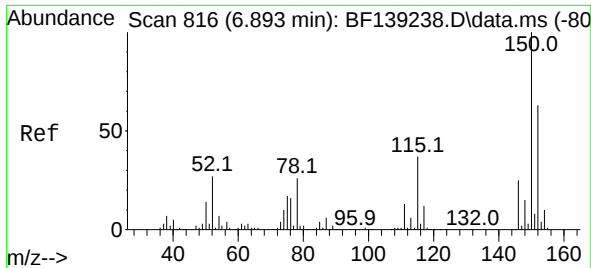
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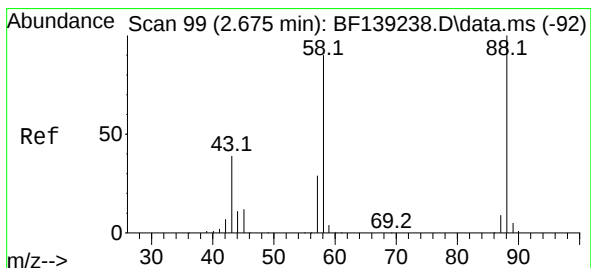
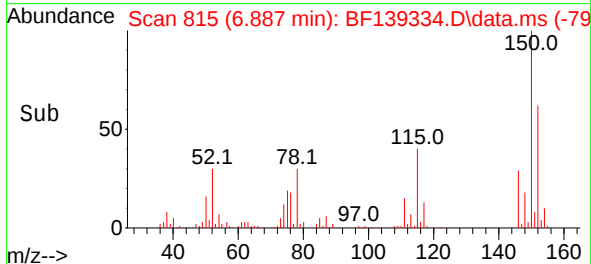
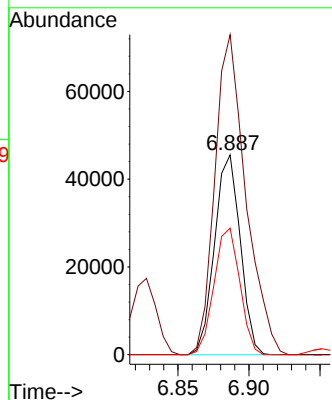
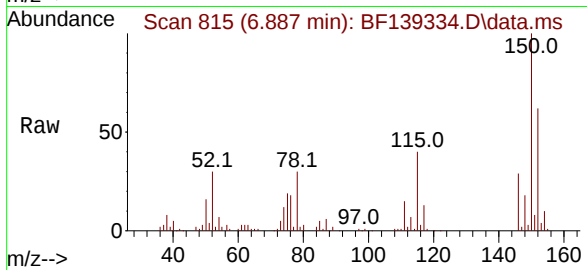




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF139334.D
 Acq: 11 Sep 2024 19:07

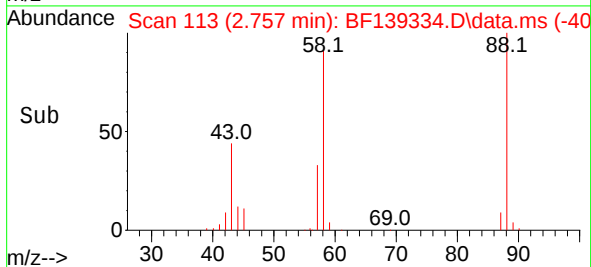
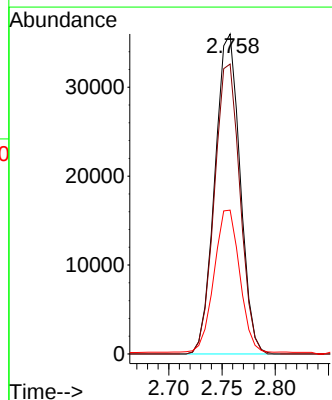
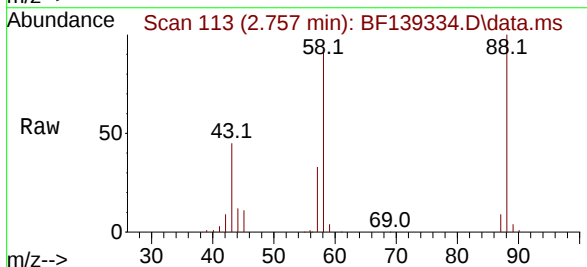
Instrument :
 BNA_F
 ClientSampleId :
 72-11930MSD

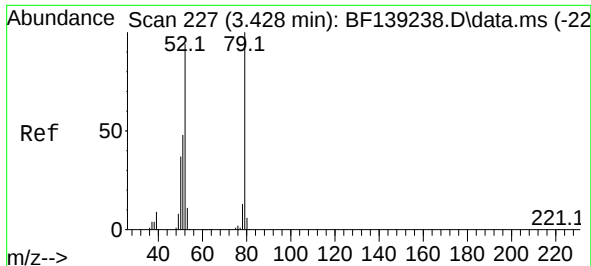
Tgt Ion:152 Resp: 57247
 Ion Ratio Lower Upper
 152 100
 150 160.1 127.0 190.4
 115 63.3 46.9 70.3



#2
 1,4-Dioxane
 Concen: 37.099 ng
 RT: 2.757 min Scan# 113
 Delta R.T. 0.082 min
 Lab File: BF139334.D
 Acq: 11 Sep 2024 19:07

Tgt Ion: 88 Resp: 59121
 Ion Ratio Lower Upper
 88 100
 58 91.8 72.5 108.7
 43 48.6 31.4 47.2#





#3

Pyridine

Concen: 36.844 ng

RT: 3.493 min Scan# 24

Delta R.T. 0.065 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

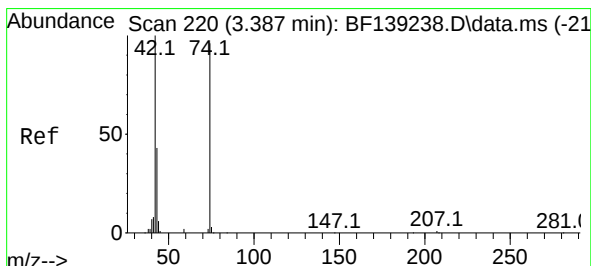
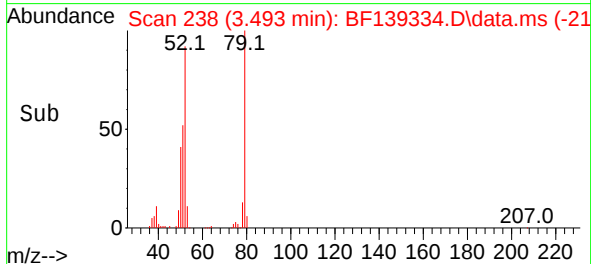
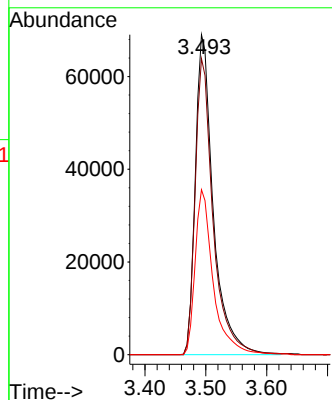
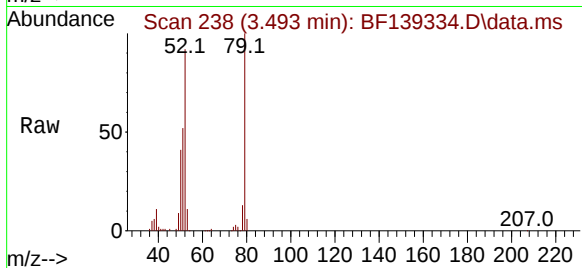
Tgt Ion: 79 Resp: 141732

Ion Ratio Lower Upper

79 100

52 92.5 75.3 112.9

51 51.6 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 52.561 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.071 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

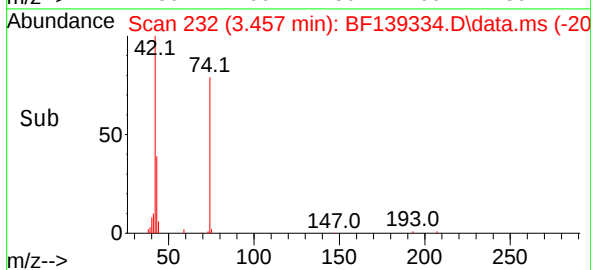
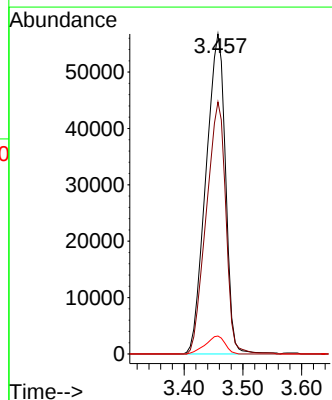
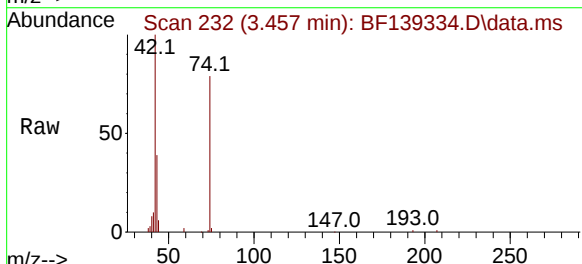
Tgt Ion: 42 Resp: 131297

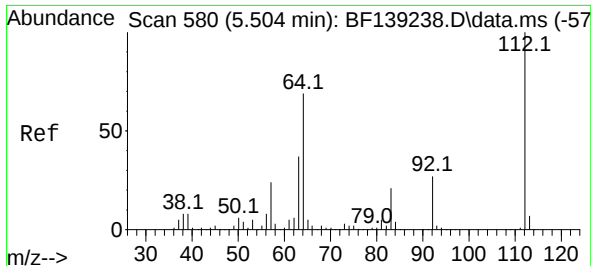
Ion Ratio Lower Upper

42 100

74 78.8 77.2 115.8

44 5.6 5.1 7.7

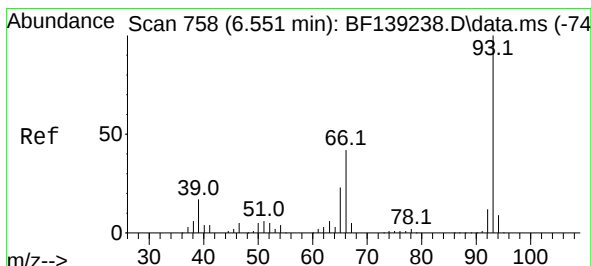
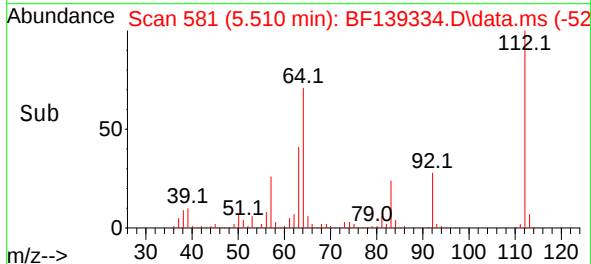
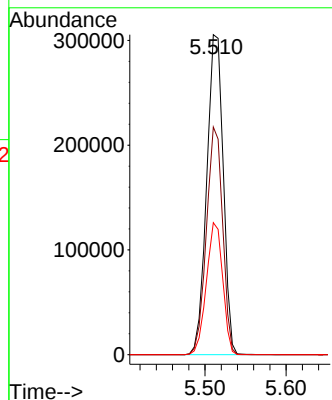
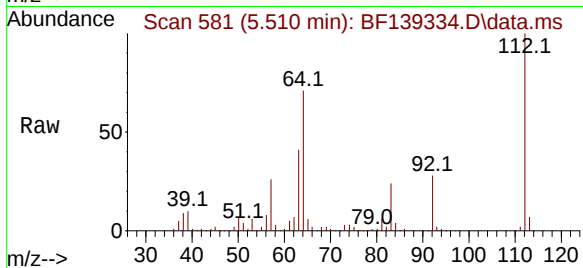




#5
2-Fluorophenol
Concen: 126.046 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

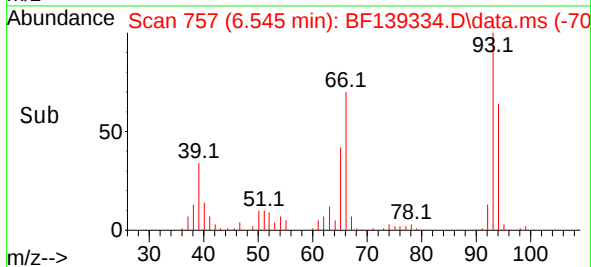
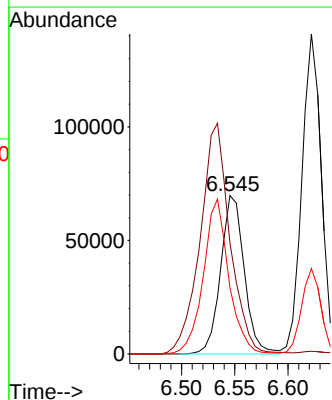
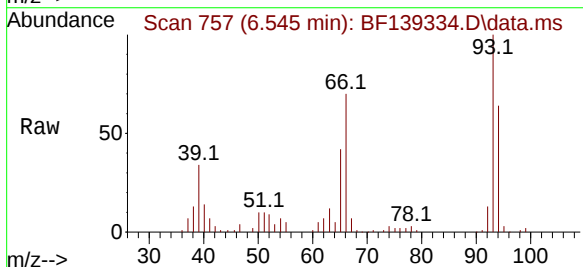
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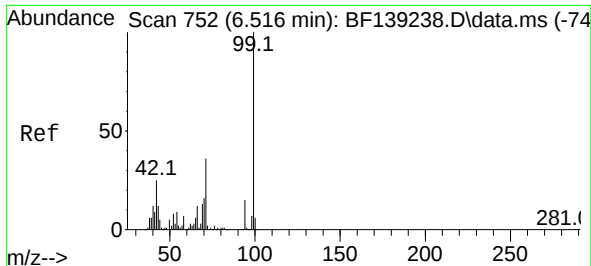
Tgt Ion:112 Resp: 431339
Ion Ratio Lower Upper
112 100
64 71.2 55.0 82.4
63 41.2 29.9 44.9



#6
Aniline
Concen: 25.662 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion: 93 Resp: 107805
Ion Ratio Lower Upper
93 100
66 70.0 34.4 51.6#
65 41.7 18.2 27.4#

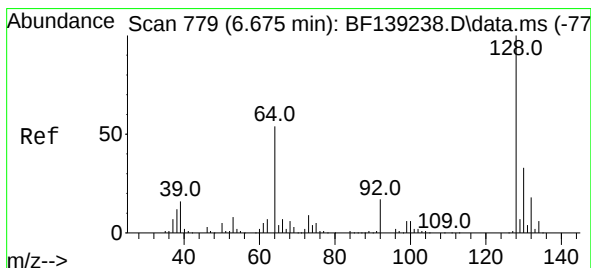
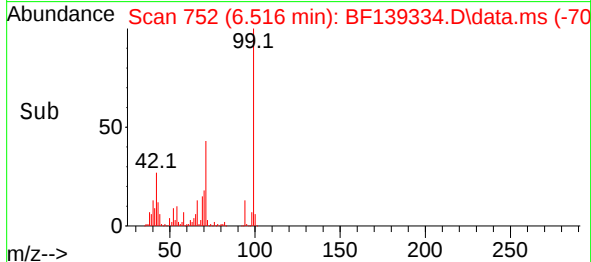
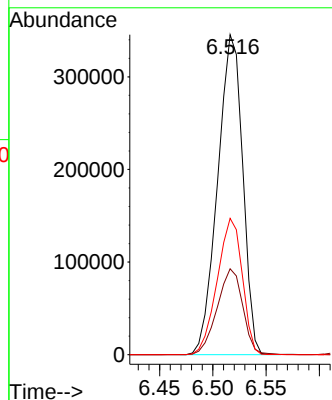
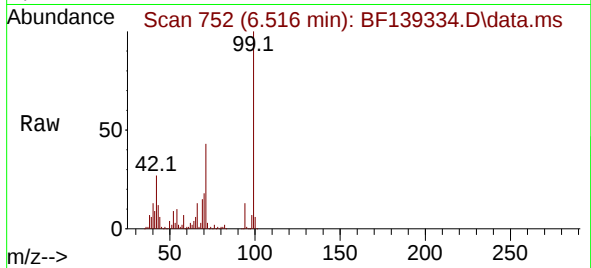




#7
Phenol-d6
Concen: 123.636 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

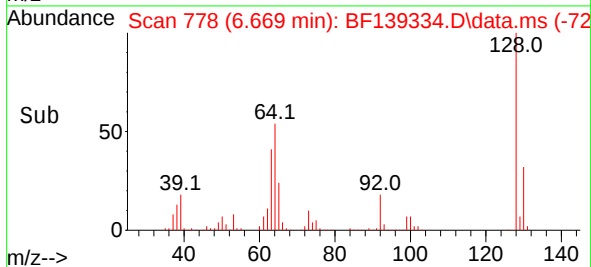
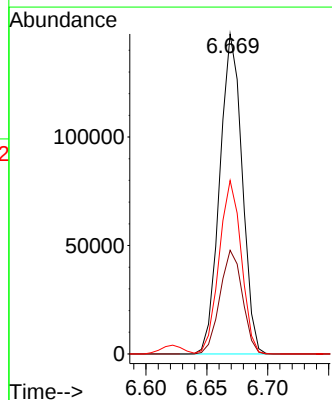
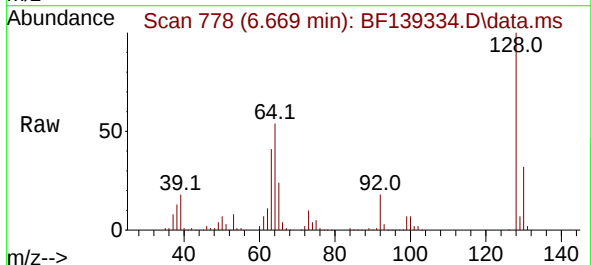
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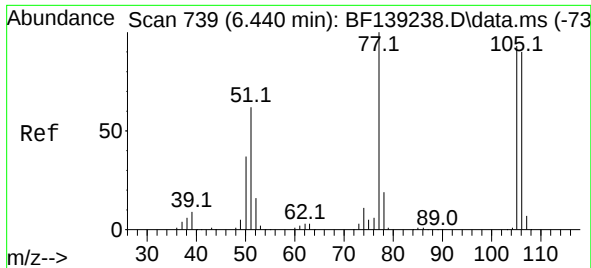
Tgt Ion: 99 Resp: 564823
Ion Ratio Lower Upper
99 100
42 26.9 19.8 29.6
71 42.6 28.8 43.2



#8
2-Chlorophenol
Concen: 53.195 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:128 Resp: 188661
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 54.2 36.6 76.6





#9

Benzaldehyde

Concen: 15.577 ng

RT: 6.434 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

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BNA_F

ClientSampleId :

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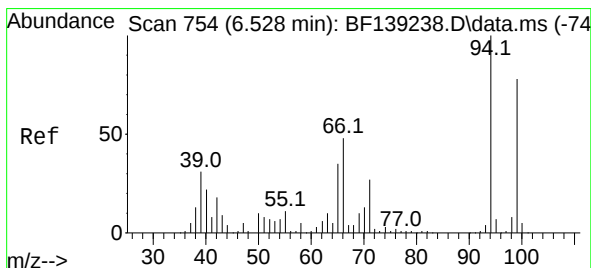
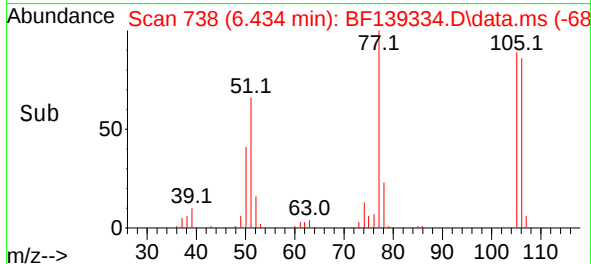
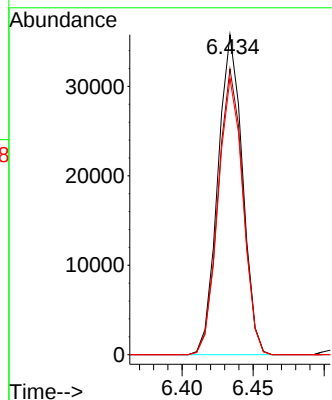
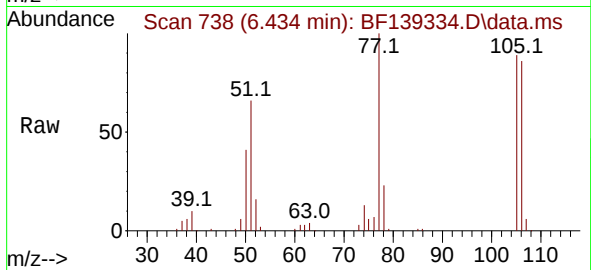
Tgt Ion: 77 Resp: 43076

Ion Ratio Lower Upper

77 100

105 89.3 72.9 112.9

106 86.3 69.6 109.6



#10

Phenol

Concen: 50.468 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

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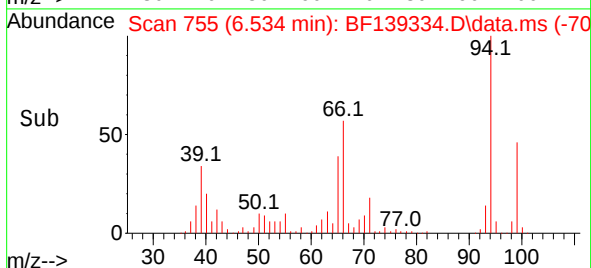
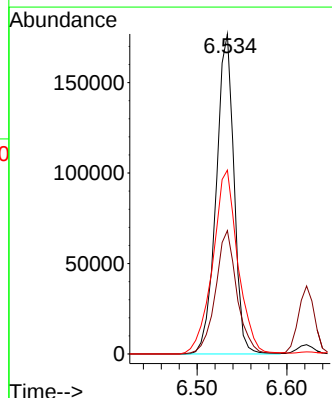
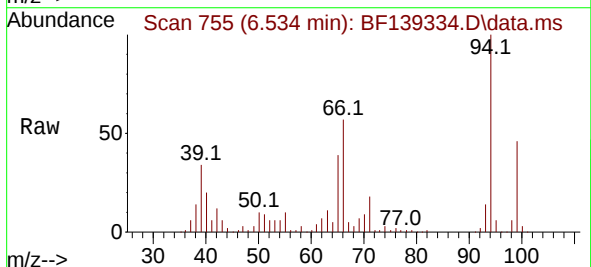
Tgt Ion: 94 Resp: 243191

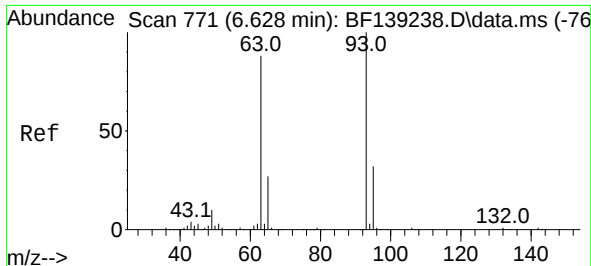
Ion Ratio Lower Upper

94 100

65 38.6 14.7 54.7

66 57.4 28.5 68.5

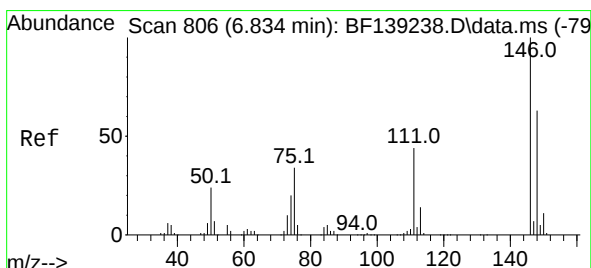
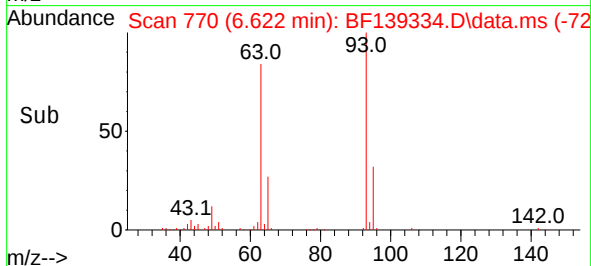
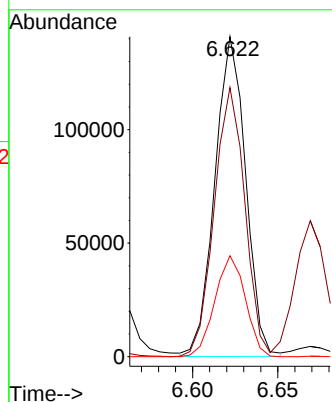
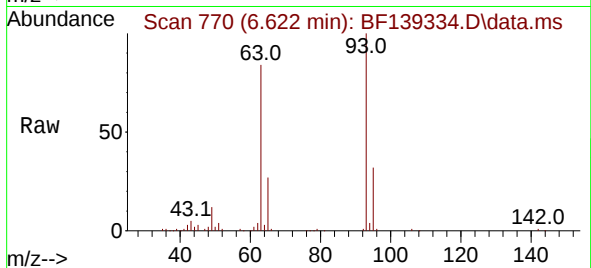




#11
bis(2-Chloroethyl)ether
Concen: 51.220 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

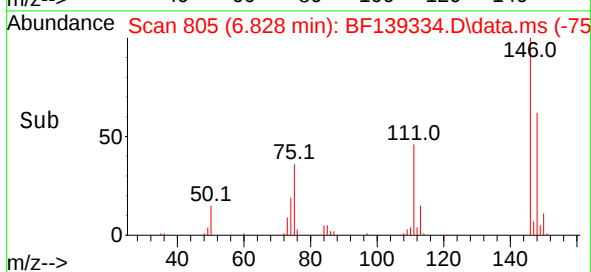
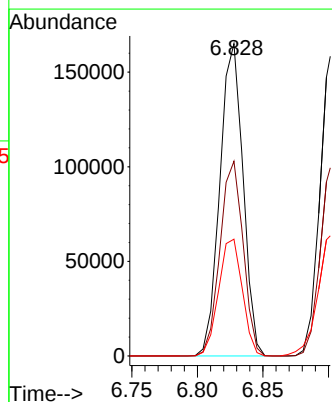
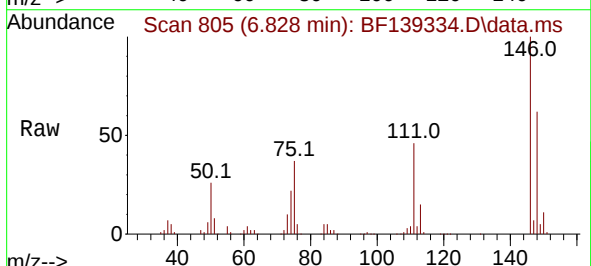
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

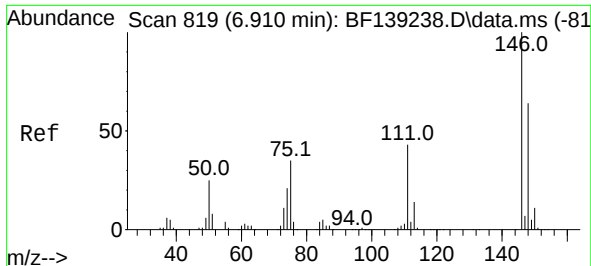
Tgt Ion: 93 Resp: 176824
Ion Ratio Lower Upper
93 100
63 84.1 67.1 107.1
95 31.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 50.484 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:146 Resp: 202658
Ion Ratio Lower Upper
146 100
148 62.3 50.8 76.2
75 37.4 27.3 40.9





#13

1,4-Dichlorobenzene

Concen: 51.034 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

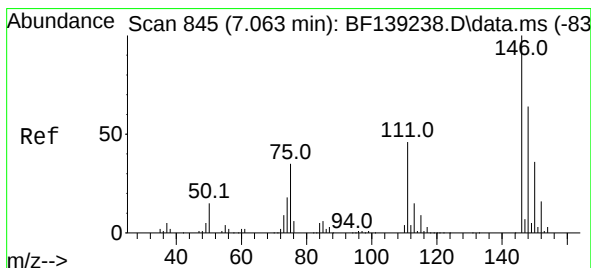
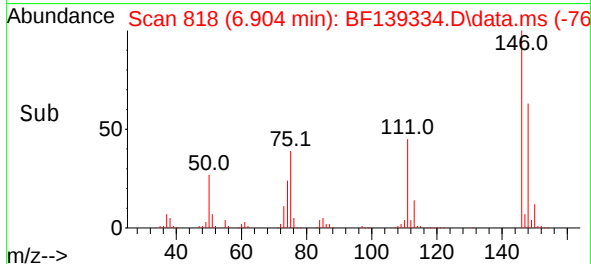
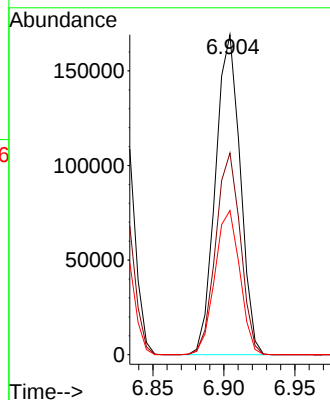
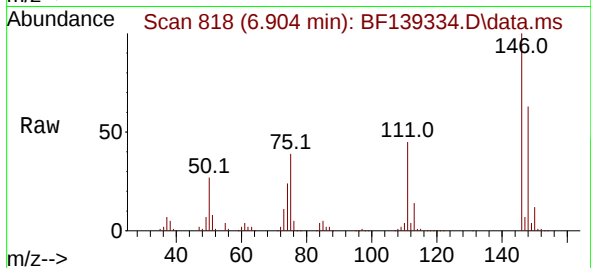
Tgt Ion:146 Resp: 205053

Ion Ratio Lower Upper

146 100

148 63.0 51.2 76.8

111 45.1 34.6 51.8



#14

1,2-Dichlorobenzene

Concen: 51.511 ng

RT: 7.057 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

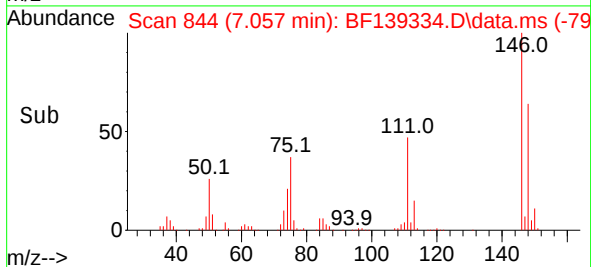
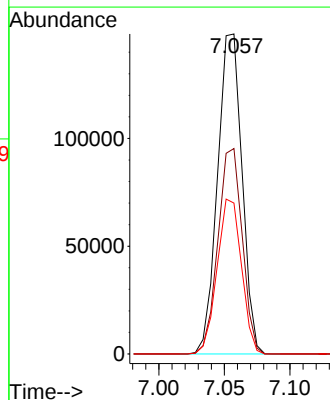
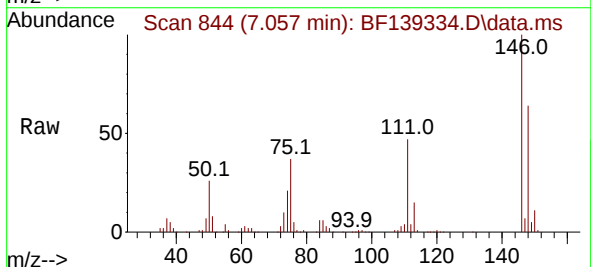
Tgt Ion:146 Resp: 193031

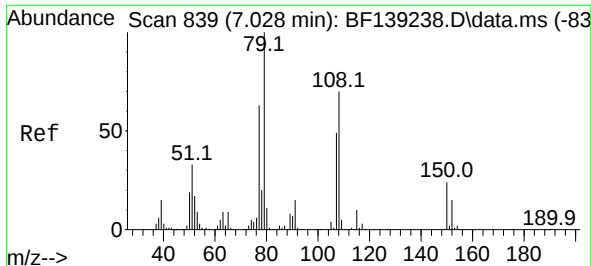
Ion Ratio Lower Upper

146 100

148 64.2 50.9 76.3

111 47.1 36.6 55.0





#15

Benzyl Alcohol

Concen: 58.633 ng

RT: 7.028 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

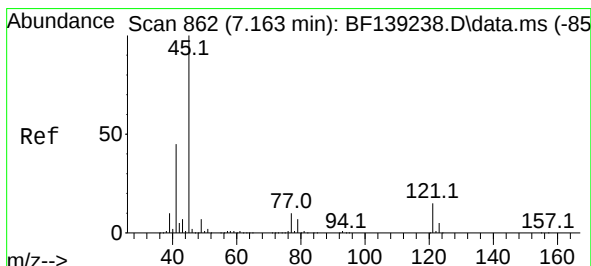
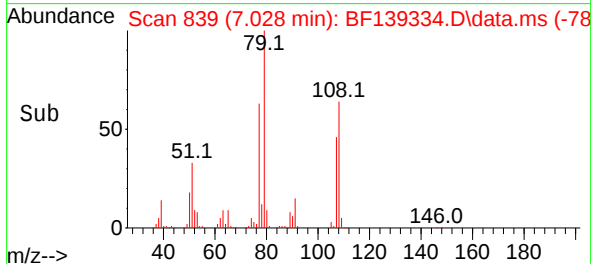
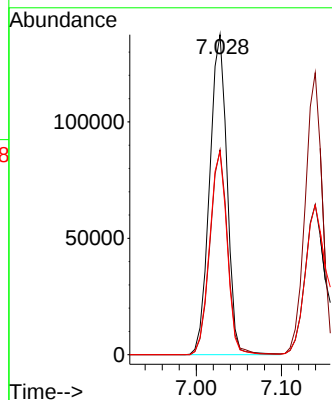
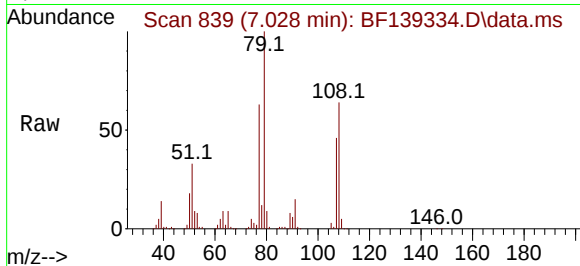
Tgt Ion: 79 Resp: 195342

Ion Ratio Lower Upper

79 100

108 64.0 56.1 84.1

77 63.4 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.942 ng

RT: 7.157 min Scan# 861

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

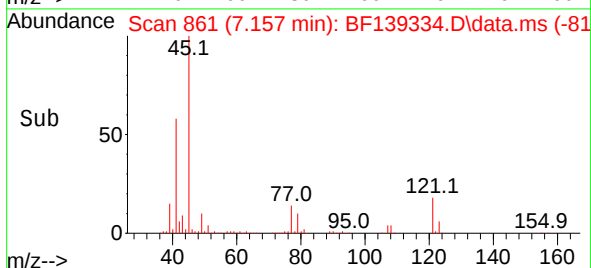
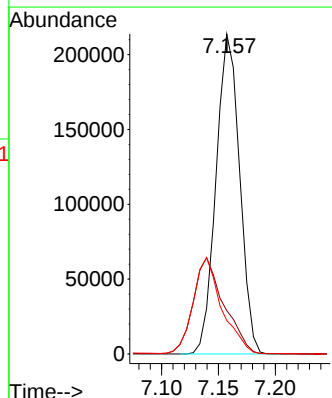
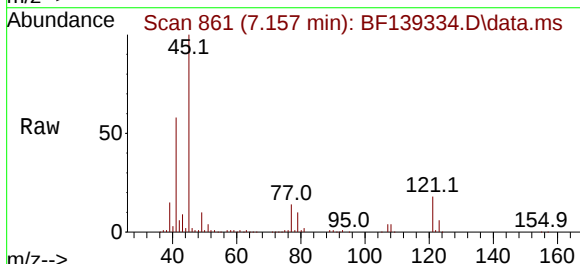
Tgt Ion: 45 Resp: 308499

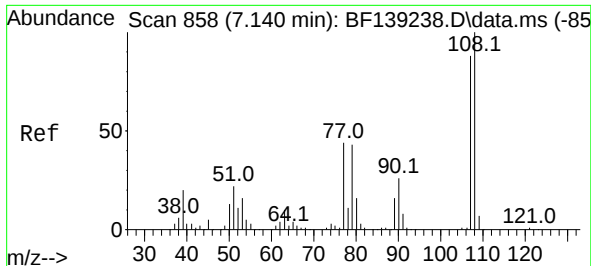
Ion Ratio Lower Upper

45 100

77 13.6 0.0 30.0

79 10.4 0.0 27.6

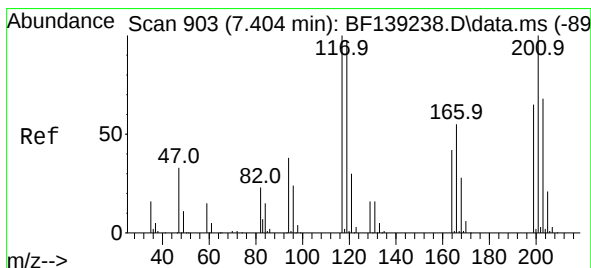
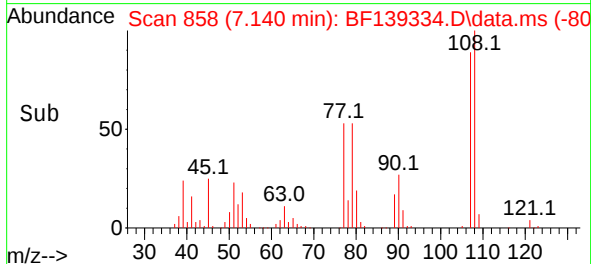
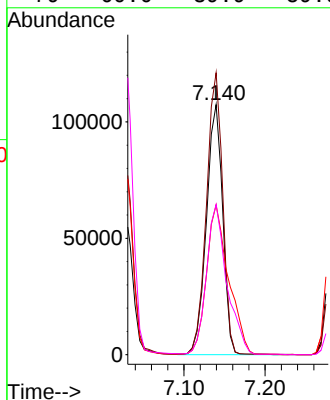
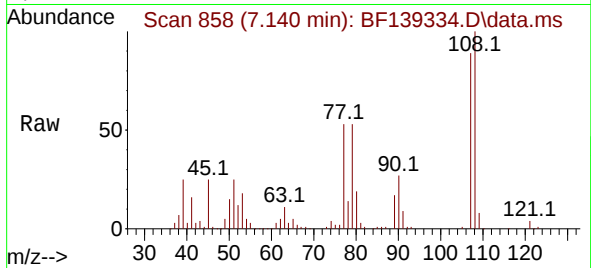




#17
2-Methylphenol
Concen: 51.669 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

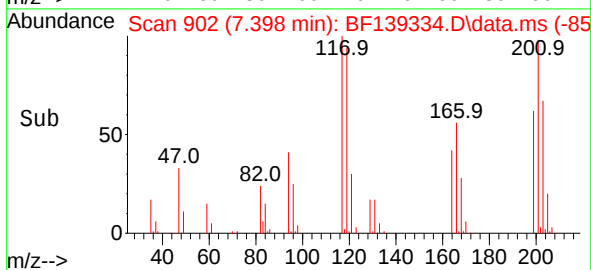
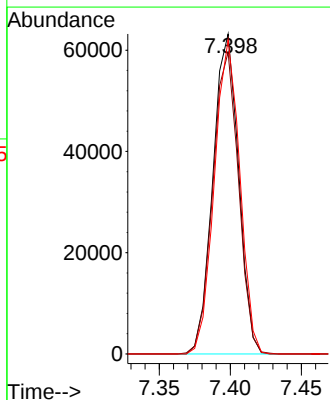
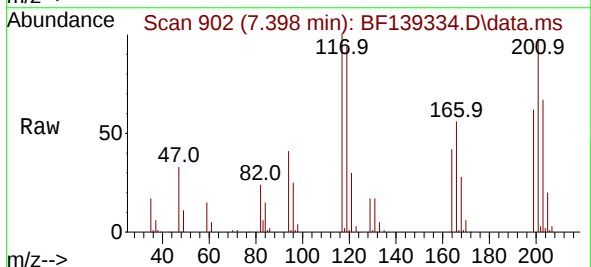
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

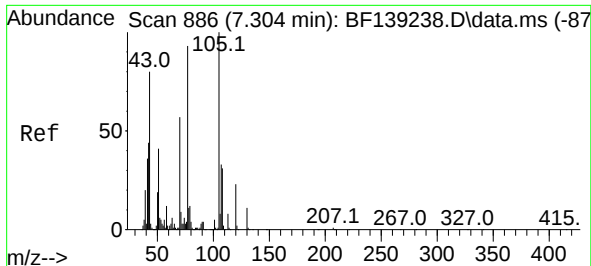
Tgt Ion:107 Resp: 149686
Ion Ratio Lower Upper
107 100
108 112.7 91.4 137.2
77 59.9 40.1 60.1
79 60.0 39.9 59.9#



#18
Hexachloroethane
Concen: 55.184 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:117 Resp: 79192
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.2
201 98.2 80.0 120.0





#19

n-Nitroso-di-n-propylamine

Concen: 57.748 ng

RT: 7.298 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion: 70 Resp: 151943

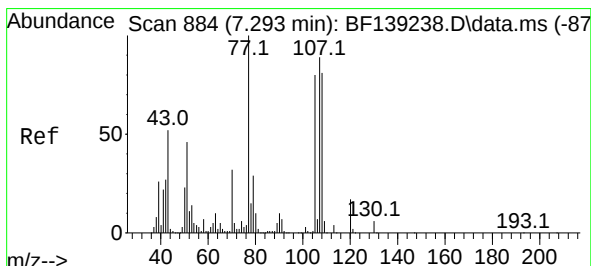
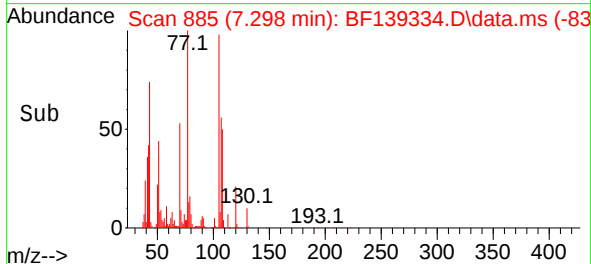
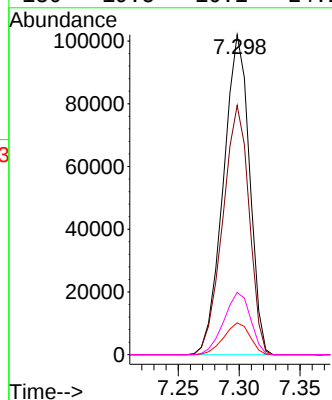
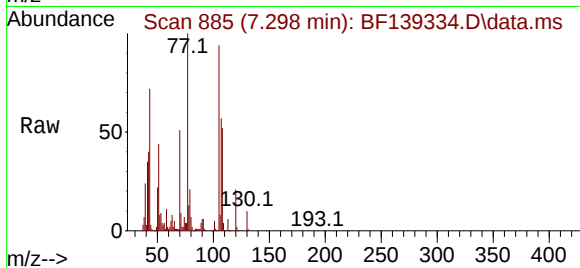
Ion Ratio Lower Upper

70 100

42 77.9 61.0 91.6

101 10.0 7.2 10.8

130 19.5 16.1 24.1



#20

3+4-Methylphenols

Concen: 55.855 ng

RT: 7.293 min Scan# 884

Delta R.T. -0.000 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Tgt Ion:107 Resp: 203935

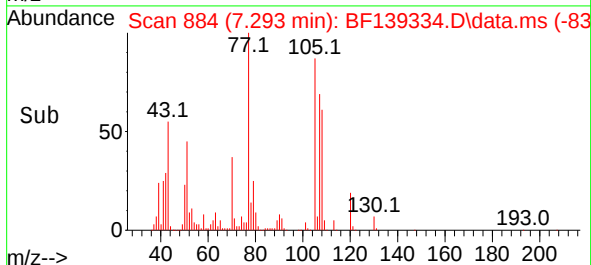
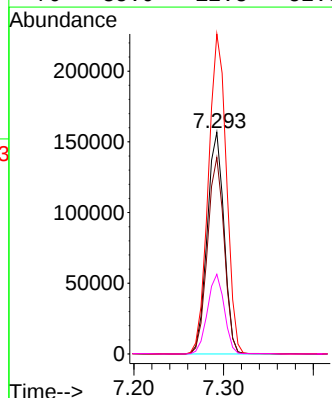
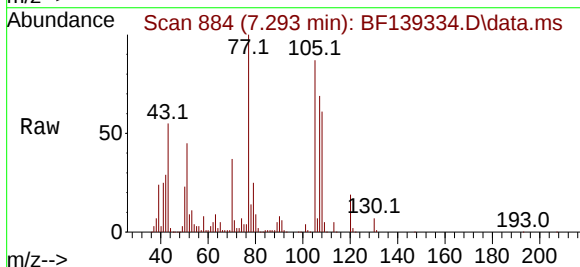
Ion Ratio Lower Upper

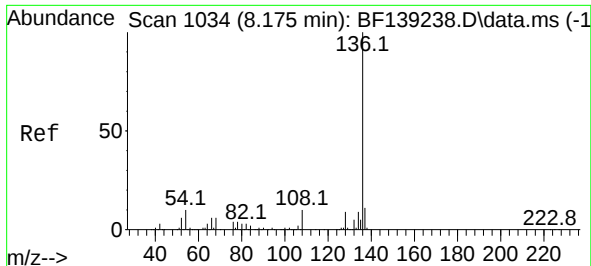
107 100

108 88.7 70.4 110.4

77 144.4 92.2 132.2#

79 35.9 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: BF139334.D
Acq: 11 Sep 2024 19:07

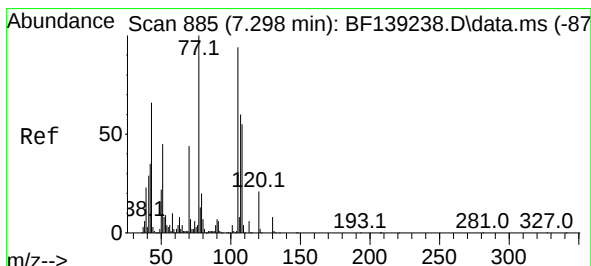
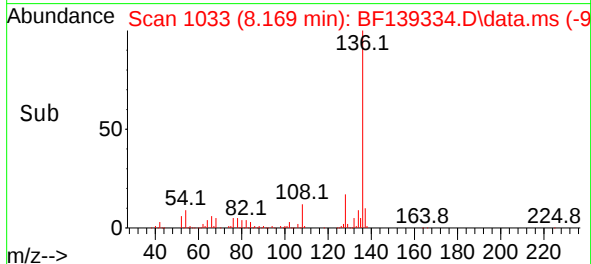
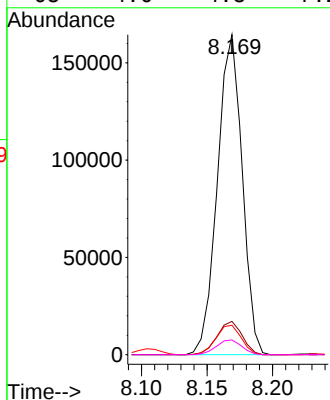
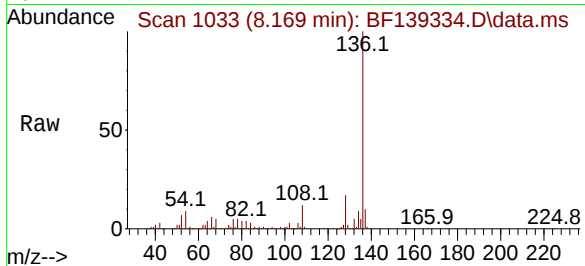
Instrument :

BNA_F

ClientSampleId :

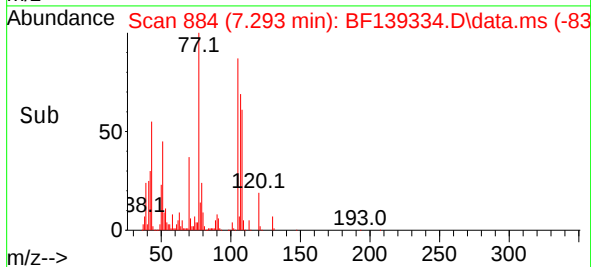
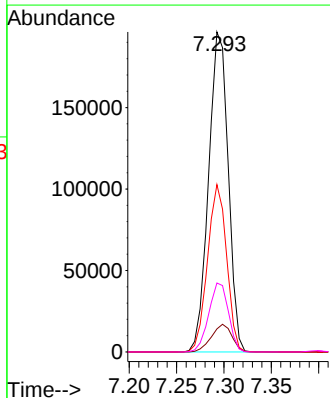
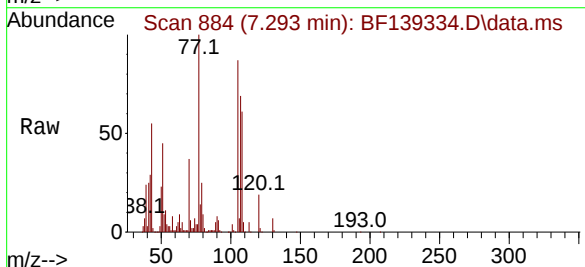
72-11930MSD

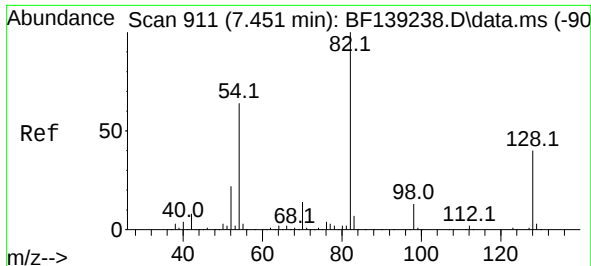
Tgt Ion:136 Resp: 215802
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 9.2 8.4 12.6
68 4.6 4.8 7.2#



#22
Acetophenone
Concen: 54.974 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:105 Resp: 282630
Ion Ratio Lower Upper
105 100
71 7.2 6.2 9.2
51 52.3 38.2 57.2
120 21.6 17.7 26.5





#23

Nitrobenzene-d5

Concen: 92.521 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

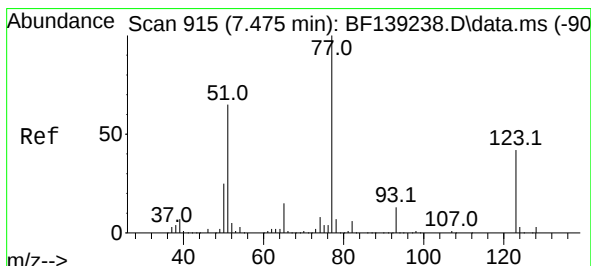
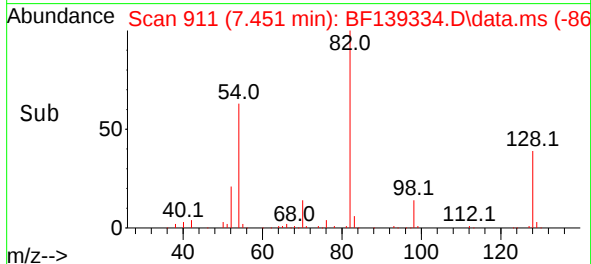
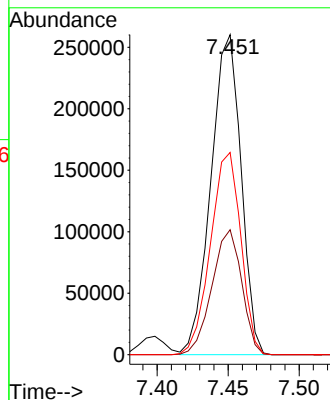
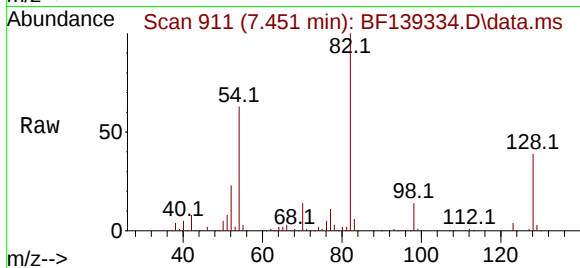
Tgt Ion: 82 Resp: 383799

Ion Ratio Lower Upper

82 100

128 39.0 32.3 48.5

54 63.2 51.2 76.8



#24

Nitrobenzene

Concen: 51.273 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

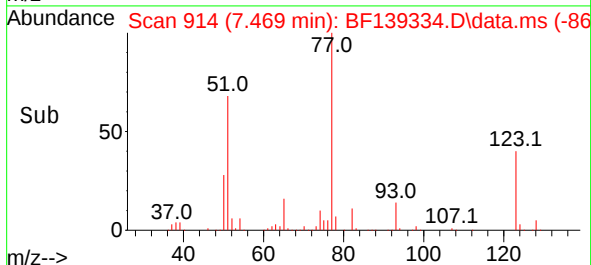
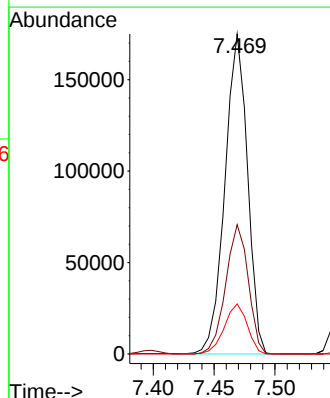
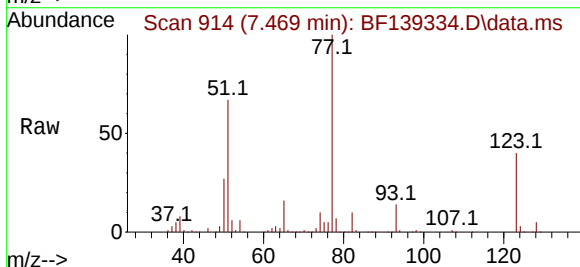
Tgt Ion: 77 Resp: 225748

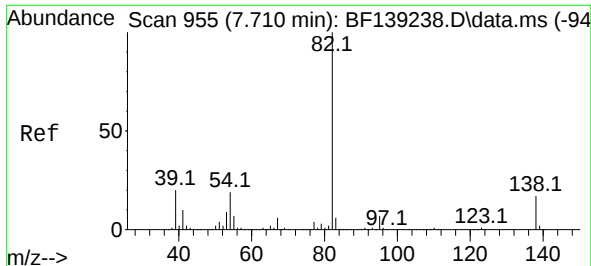
Ion Ratio Lower Upper

77 100

123 40.4 34.0 51.0

65 15.7 12.1 18.1

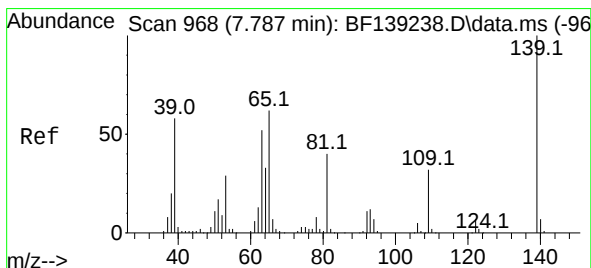
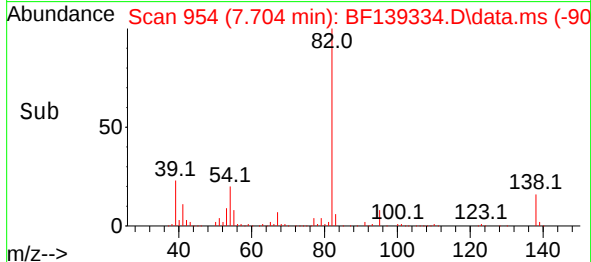
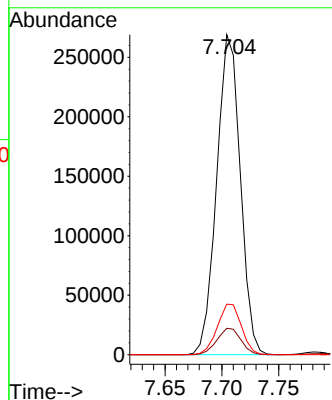
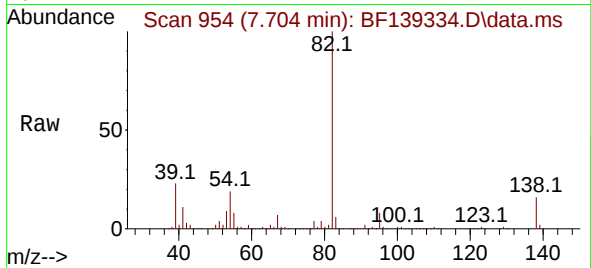




#25
Isophorone
Concen: 54.905 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

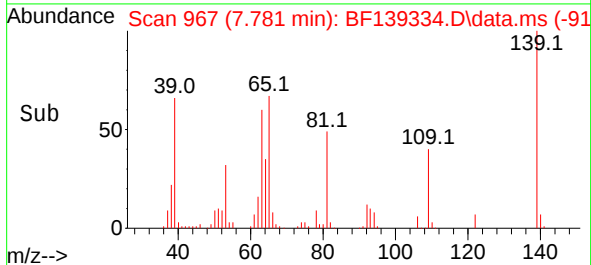
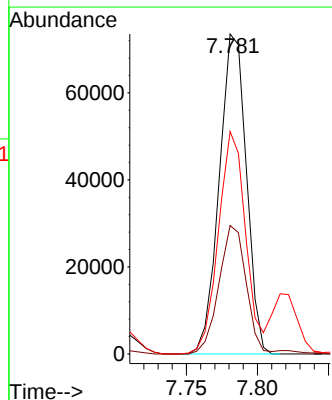
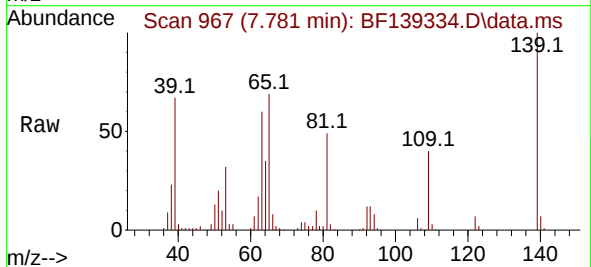
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

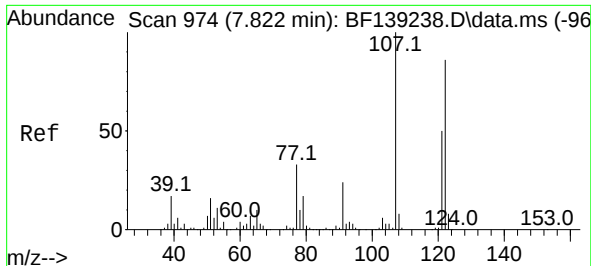
Tgt Ion: 82 Resp: 389392
Ion Ratio Lower Upper
82 100
95 8.3 6.0 9.0
138 15.8 13.4 20.0



#26
2-Nitrophenol
Concen: 56.445 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:139 Resp: 97609
Ion Ratio Lower Upper
139 100
109 40.2 25.4 38.2#
65 69.5 49.4 74.2

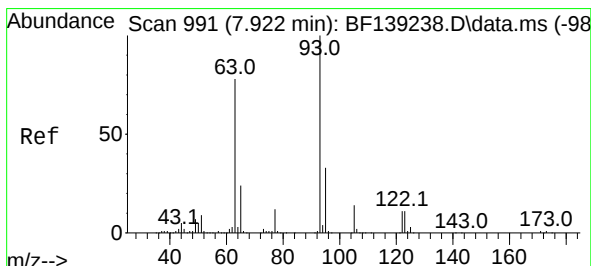
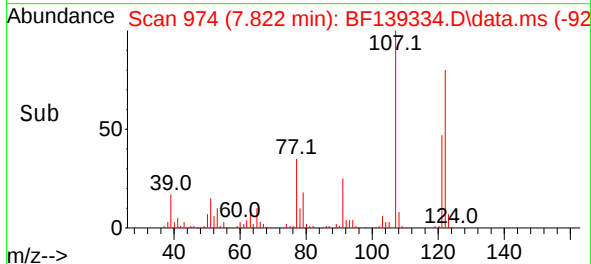
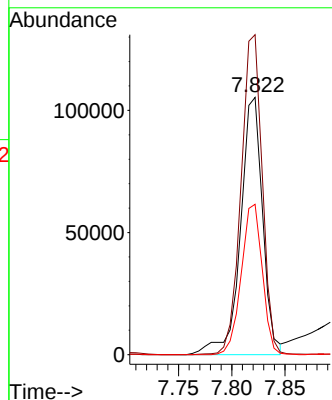
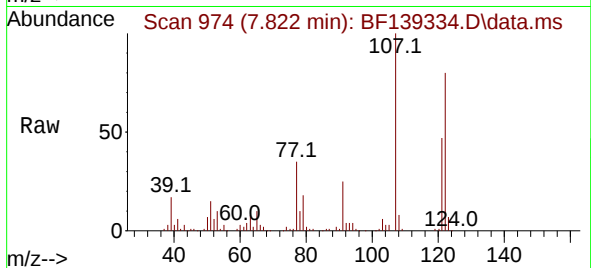




#27
2,4-Dimethylphenol
Concen: 61.799 ng
RT: 7.822 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

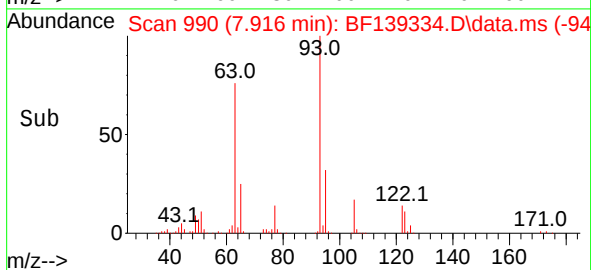
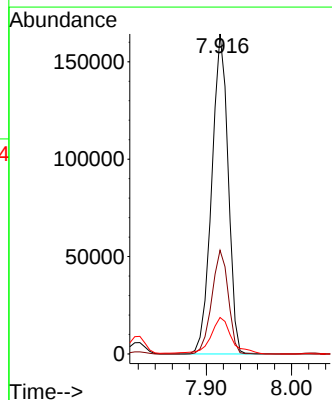
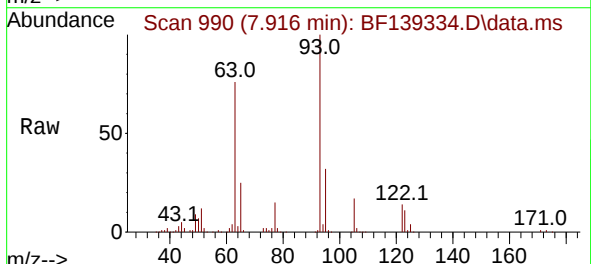
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

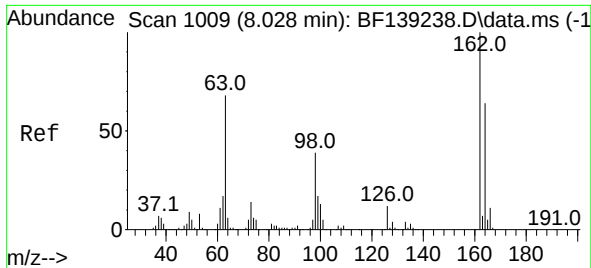
Tgt Ion:122 Resp: 152412
Ion Ratio Lower Upper
122 100
107 124.3 93.4 140.2
121 58.5 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 51.966 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion: 93 Resp: 219576
Ion Ratio Lower Upper
93 100
95 32.4 26.6 40.0
123 11.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 53.432 ng

RT: 8.022 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

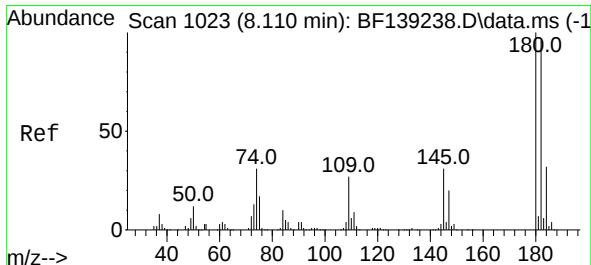
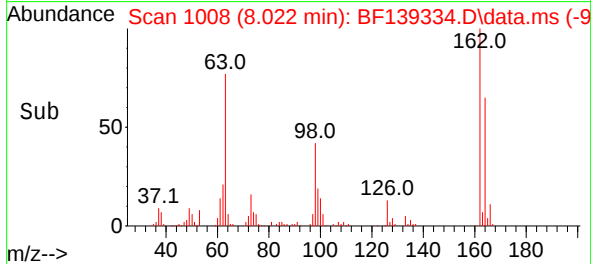
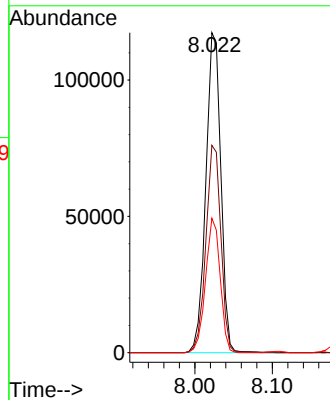
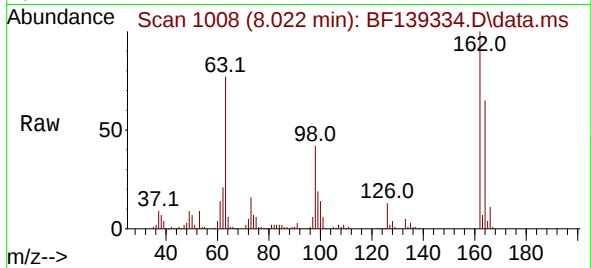
Tgt Ion:162 Resp: 157782

Ion Ratio Lower Upper

162 100

164 64.8 43.6 83.6

98 42.0 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 51.327 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

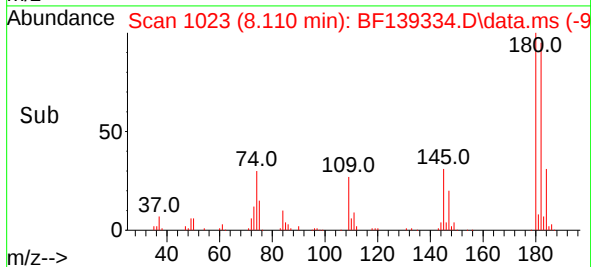
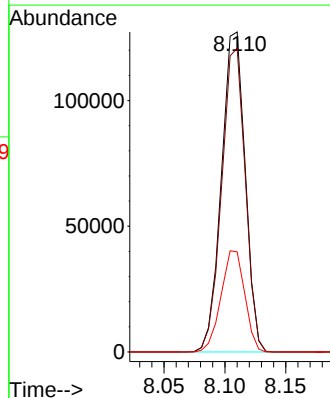
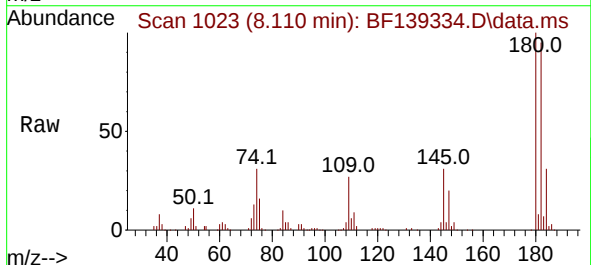
Tgt Ion:180 Resp: 173105

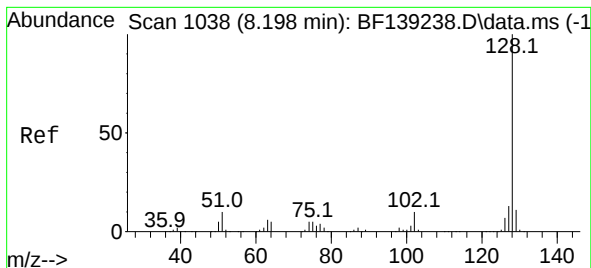
Ion Ratio Lower Upper

180 100

182 95.0 76.5 114.7

145 31.3 25.1 37.7





#31

Naphthalene

Concen: 51.147 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

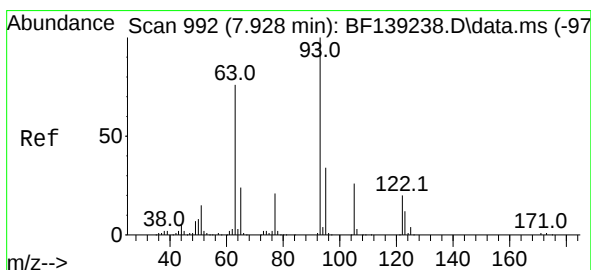
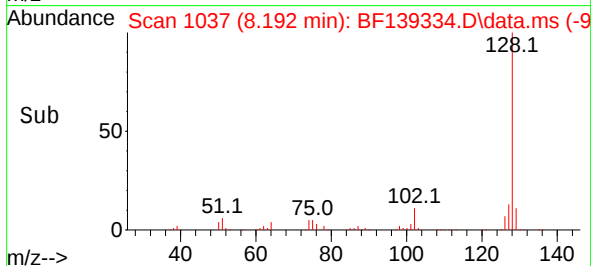
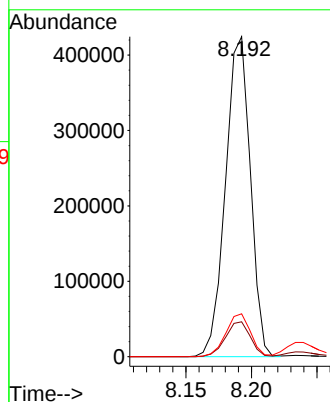
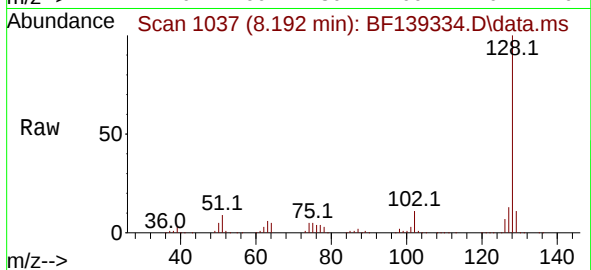
Tgt Ion:128 Resp: 558962

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.4 10.6 15.8



#32

Benzoic acid

Concen: 51.748 ng

RT: 7.940 min Scan# 994

Delta R.T. 0.012 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

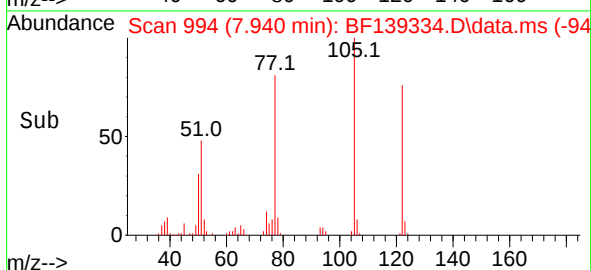
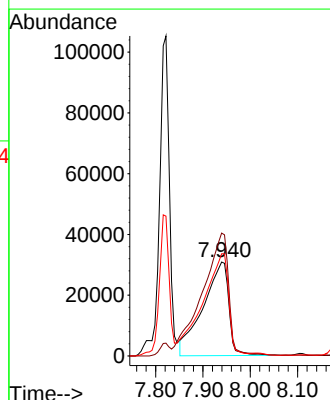
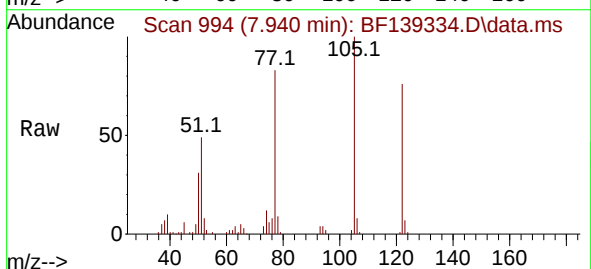
Tgt Ion:122 Resp: 116249

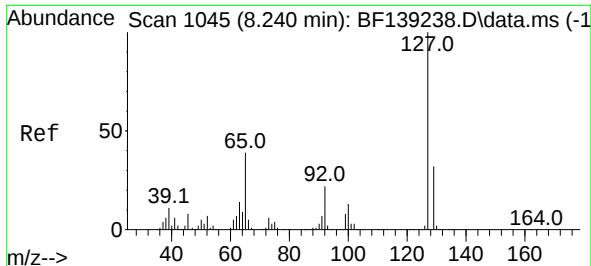
Ion Ratio Lower Upper

122 100

105 130.9 106.3 146.3

77 108.8 84.1 124.1





#33

4-Chloroaniline

Concen: 9.168 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:127 Resp: 34693

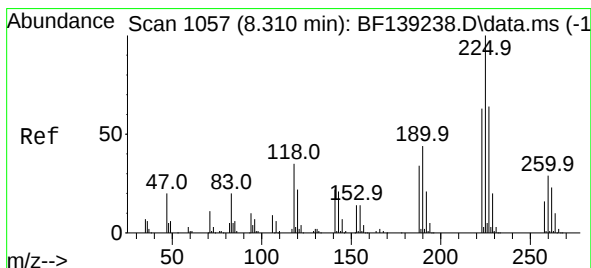
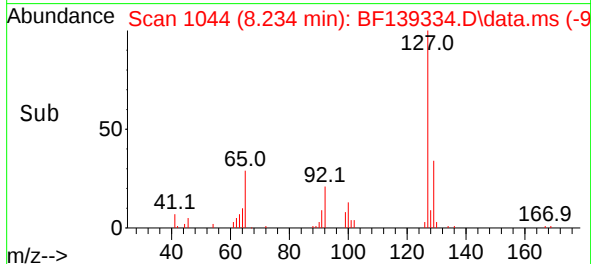
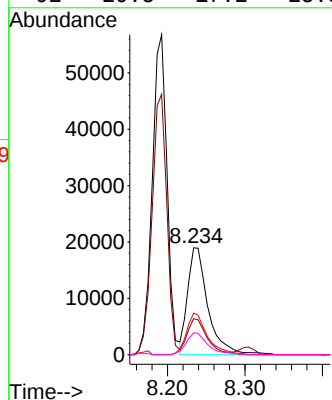
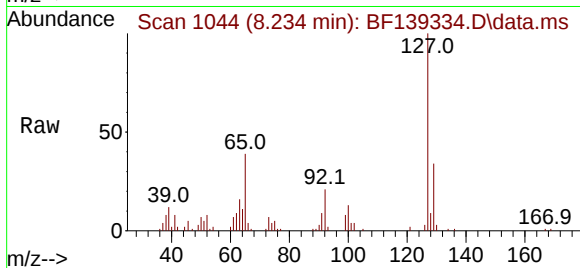
Ion Ratio Lower Upper

127 100

129 33.7 25.8 38.6

65 39.0 30.6 45.8

92 20.5 17.2 25.8



#34

Hexachlorobutadiene

Concen: 56.342 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

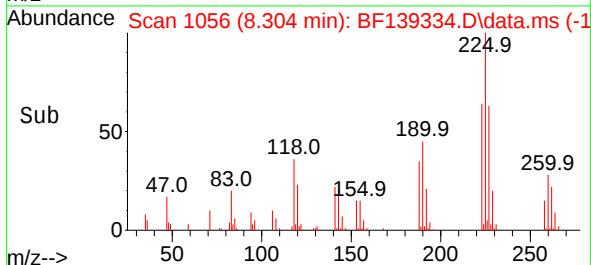
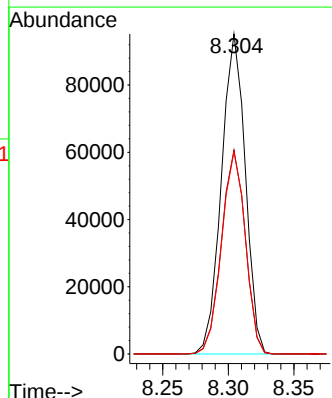
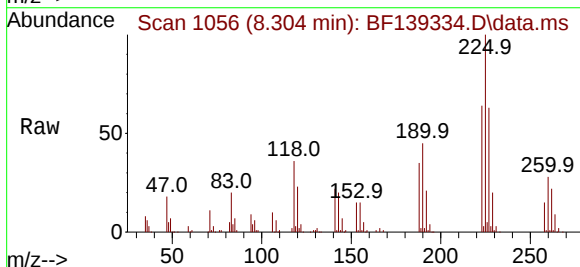
Tgt Ion:225 Resp: 120406

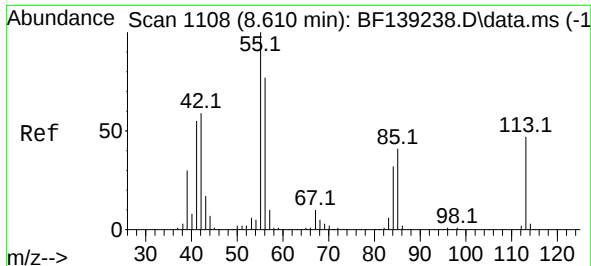
Ion Ratio Lower Upper

225 100

223 63.7 50.7 76.1

227 63.2 51.5 77.3





#35

Caprolactam

Concen: 39.137 ng

RT: 8.610 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

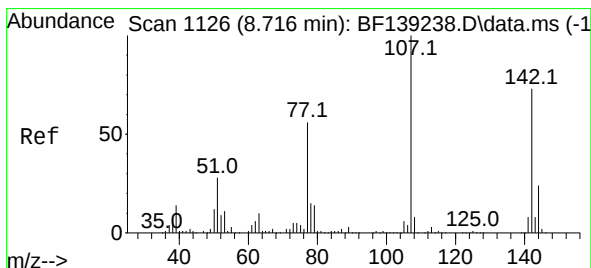
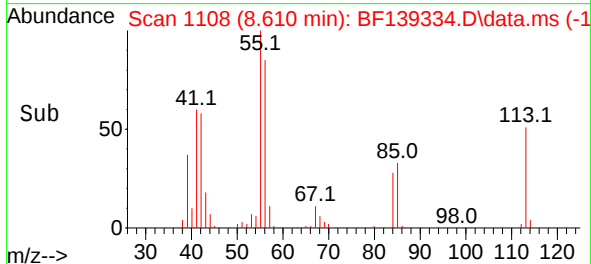
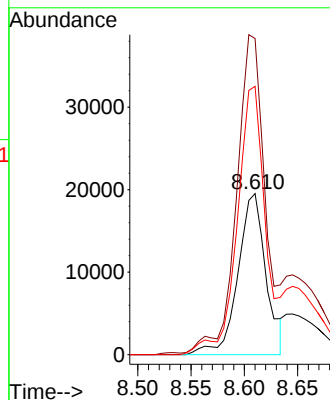
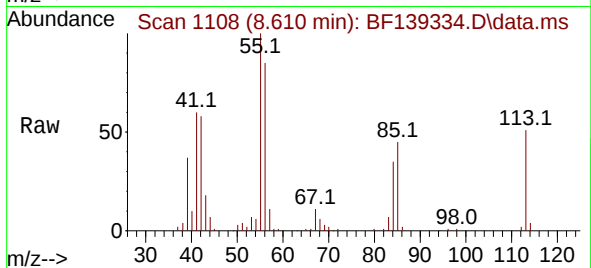
Tgt Ion:113 Resp: 35778

Ion Ratio Lower Upper

113 100

55 196.2 193.7 233.7

56 166.5 145.0 185.0



#36

4-Chloro-3-methylphenol

Concen: 54.494 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

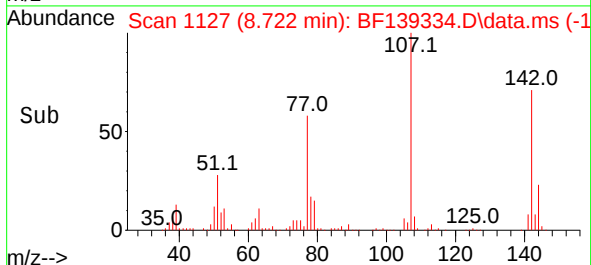
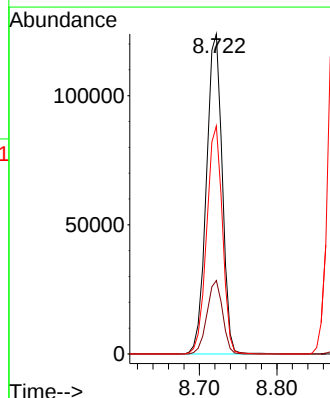
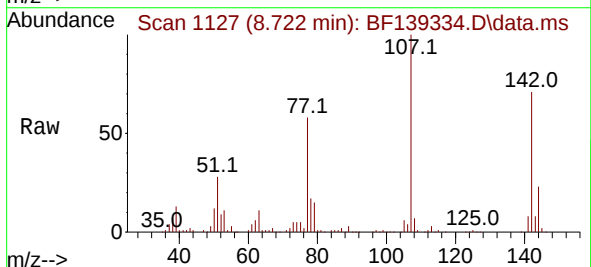
Tgt Ion:107 Resp: 175357

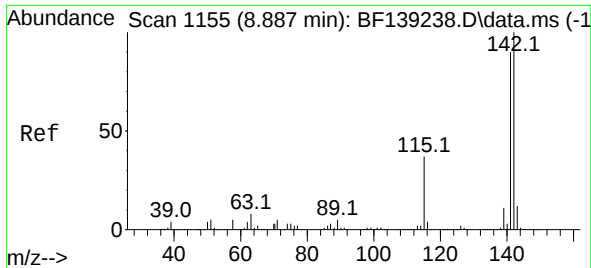
Ion Ratio Lower Upper

107 100

144 22.9 19.1 28.7

142 71.3 58.3 87.5





#37

2-Methylnaphthalene

Concen: 53.235 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

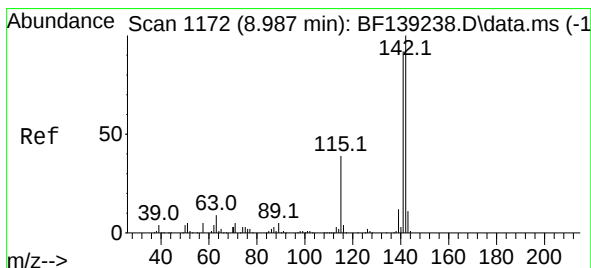
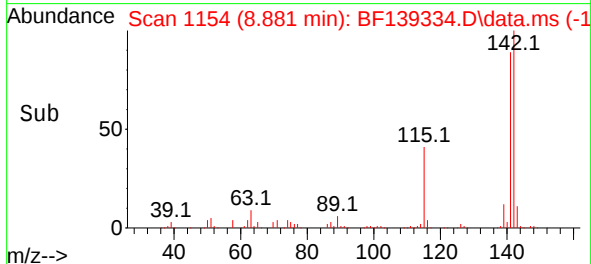
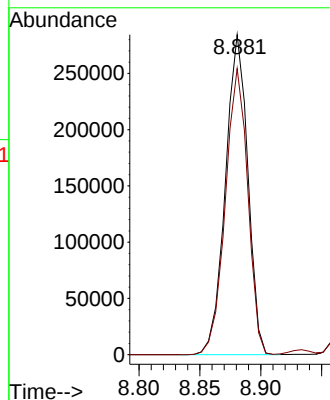
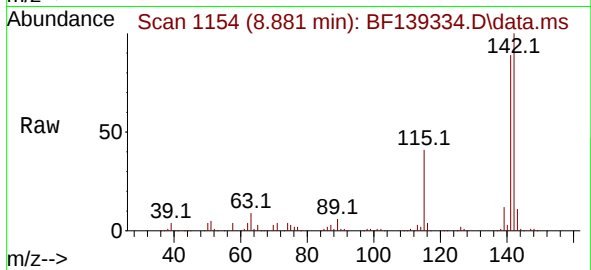
72-11930MSD

Tgt Ion:142 Resp: 363988

Ion Ratio Lower Upper

142 100

141 89.4 71.6 107.4



#38

1-Methylnaphthalene

Concen: 49.427 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139334.D

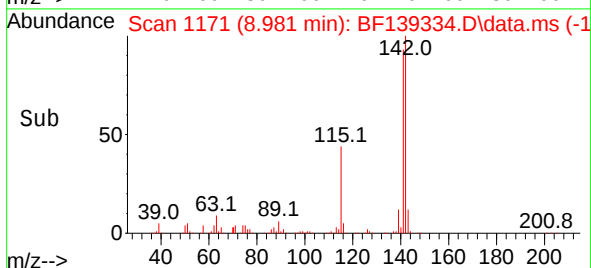
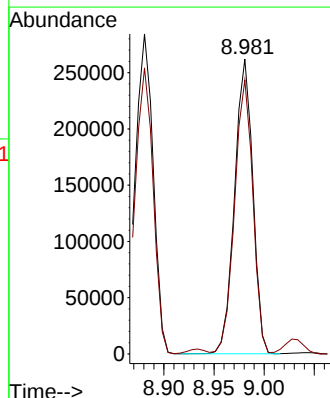
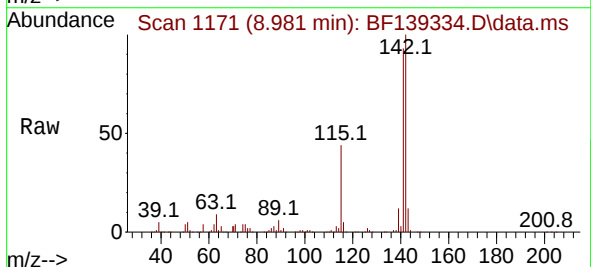
Acq: 11 Sep 2024 19:07

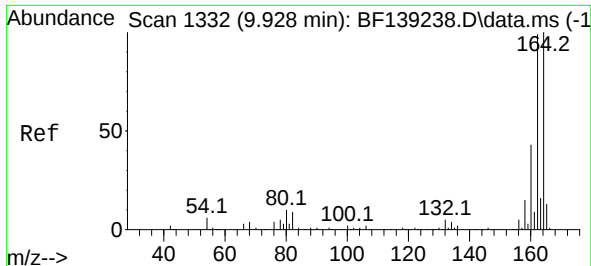
Tgt Ion:142 Resp: 332378

Ion Ratio Lower Upper

142 100

141 92.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

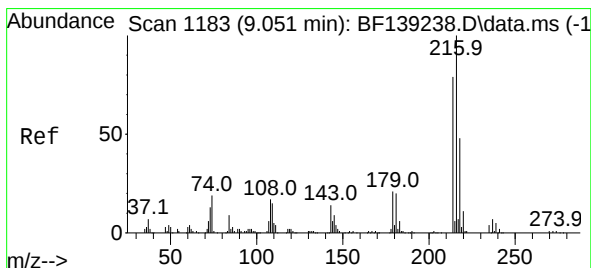
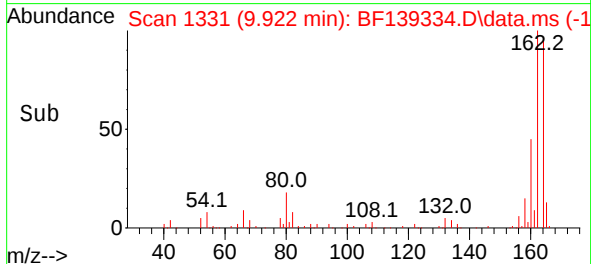
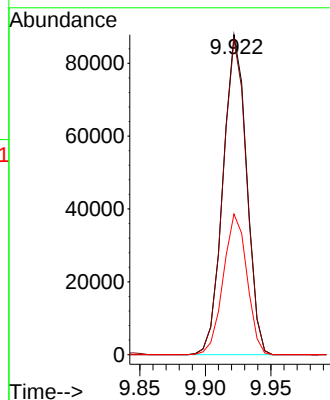
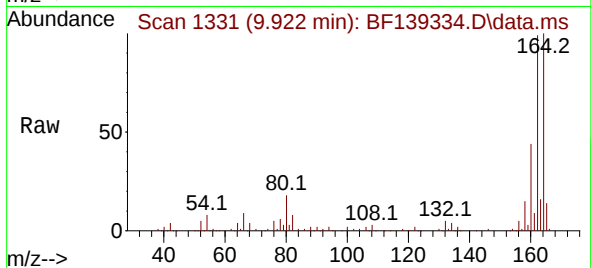
Tgt Ion:164 Resp: 109802

Ion Ratio Lower Upper

164 100

162 98.5 79.2 118.8

160 43.9 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.625 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Tgt Ion:216 Resp: 175910

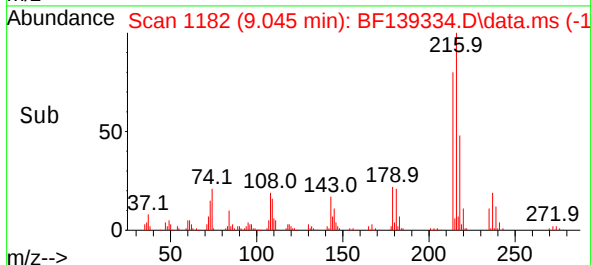
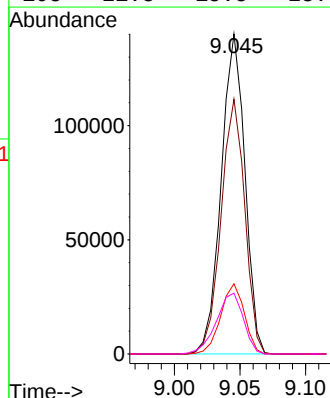
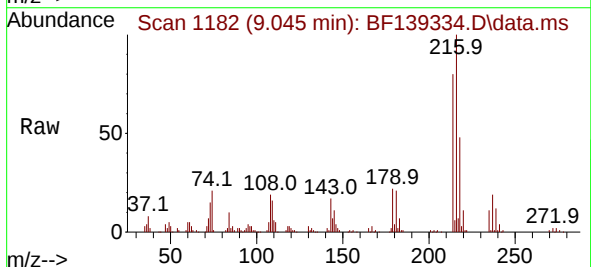
Ion Ratio Lower Upper

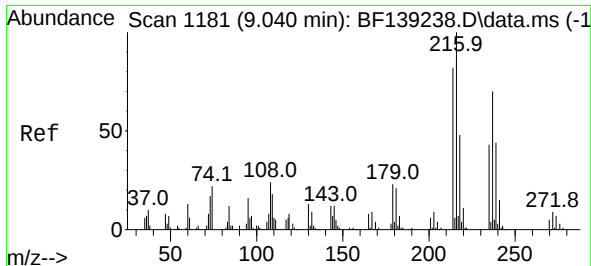
216 100

214 79.6 63.8 95.8

179 21.9 16.9 25.3

108 21.8 15.5 23.3

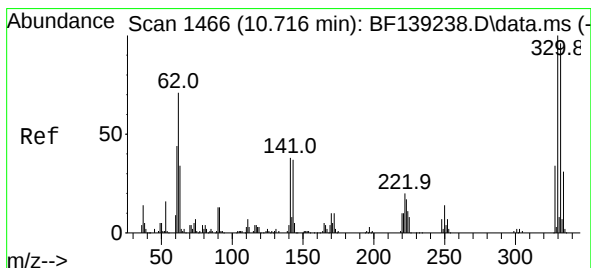
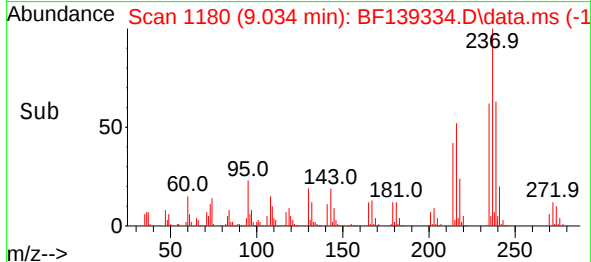
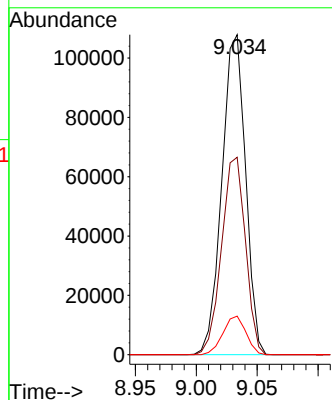
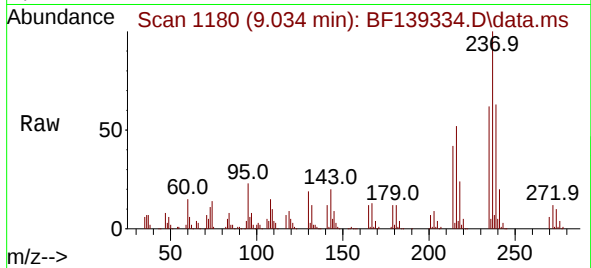




#41
Hexachlorocyclopentadiene
Concen: 146.249 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

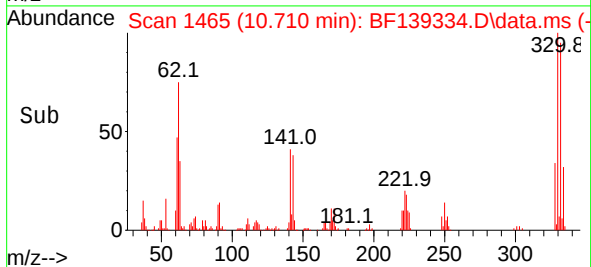
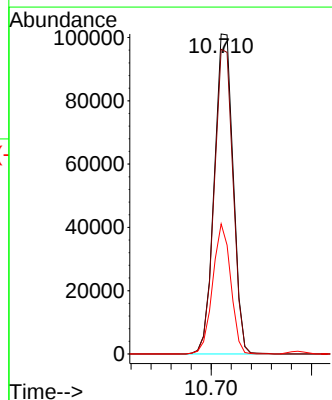
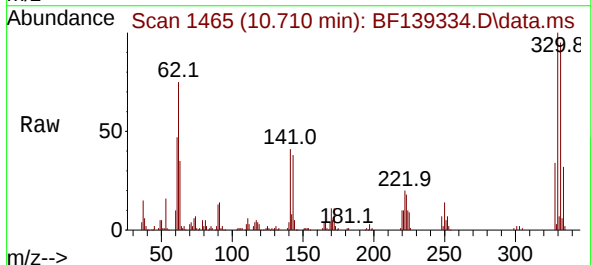
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

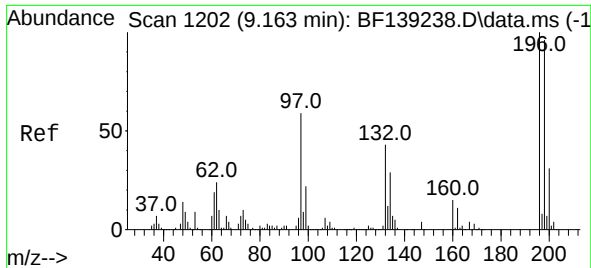
Tgt Ion:237 Resp: 146013
Ion Ratio Lower Upper
237 100
235 61.7 41.4 81.4
272 12.1 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 139.073 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:330 Resp: 131863
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 38.9 30.1 45.1

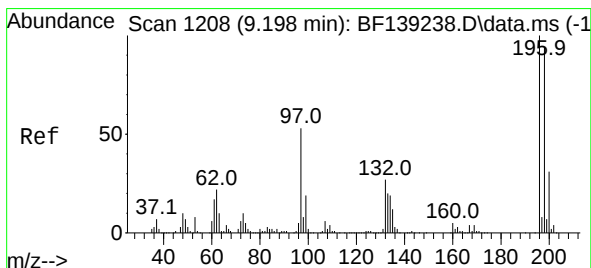
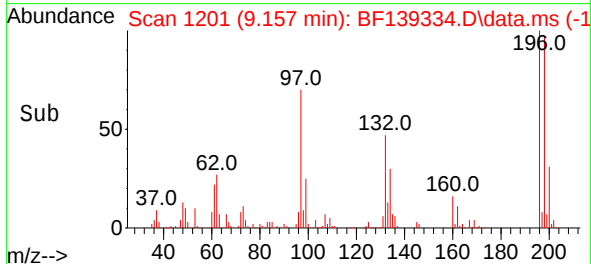
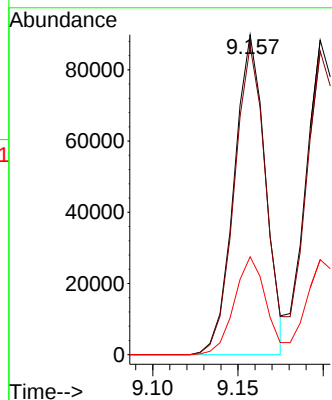
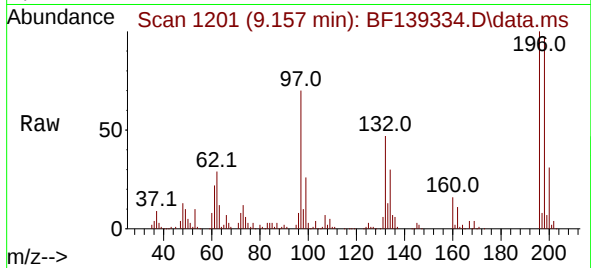




#43
2,4,6-Trichlorophenol
Concen: 56.379 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

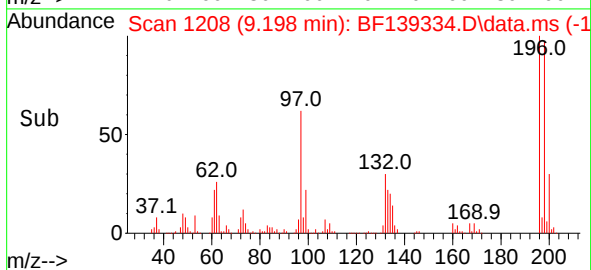
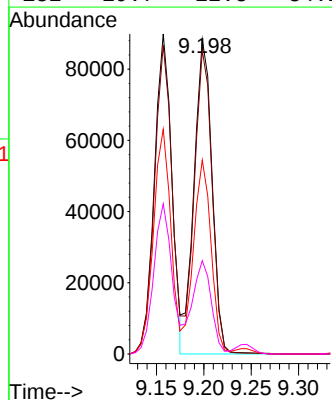
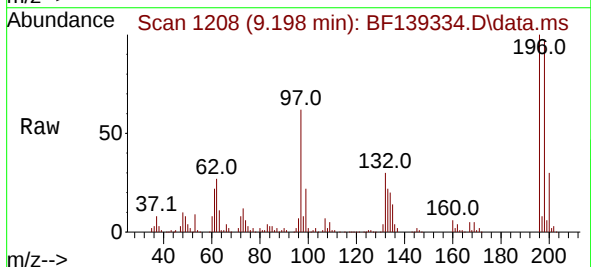
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

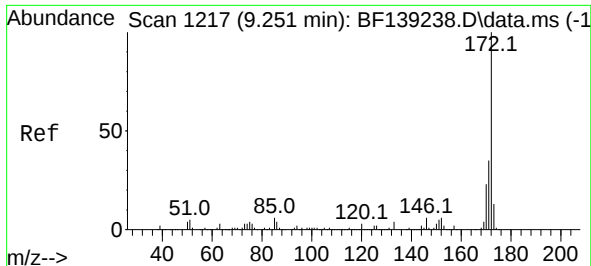
Tgt Ion:196 Resp: 114597
Ion Ratio Lower Upper
196 100
198 96.5 77.0 115.4
200 30.6 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 54.932 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:196 Resp: 117006
Ion Ratio Lower Upper
196 100
198 96.5 75.6 113.4
97 61.6 43.6 65.4
132 29.7 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 97.714 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

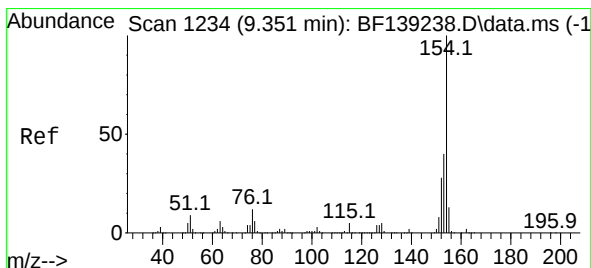
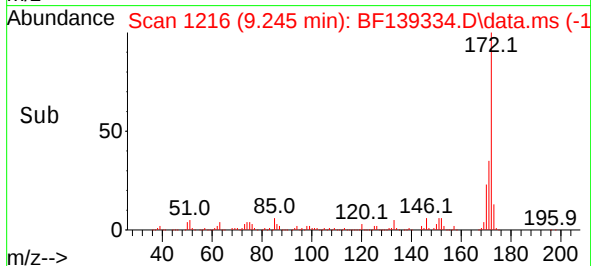
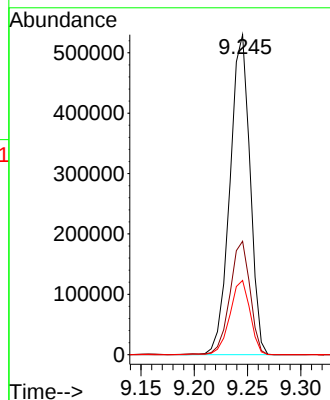
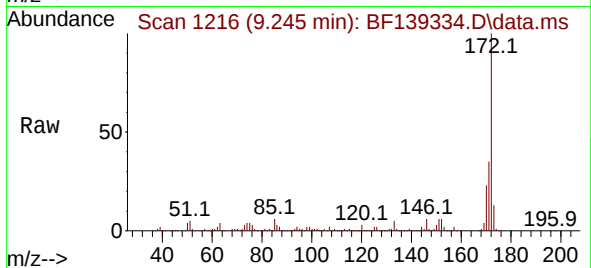
Tgt Ion:172 Resp: 695057

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.2 18.7 28.1



#46

1,1'-Biphenyl

Concen: 55.647 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

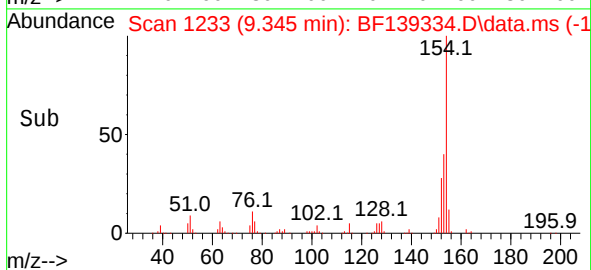
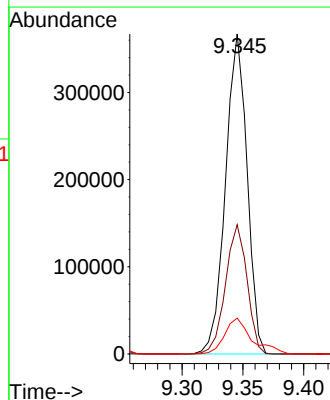
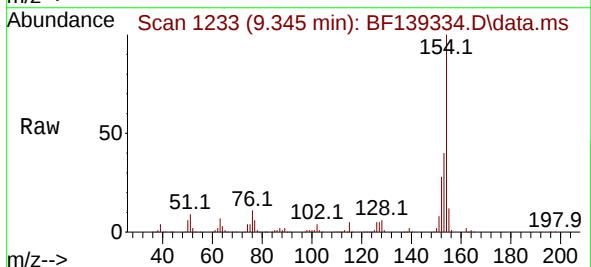
Tgt Ion:154 Resp: 452705

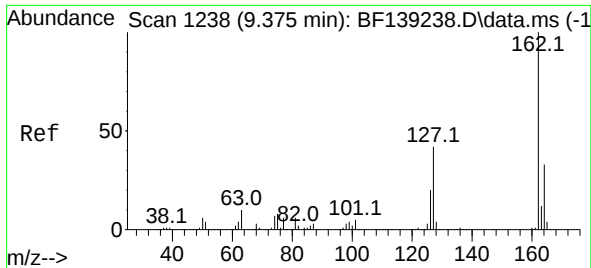
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 11.2 0.0 32.3





#47

2-Chloronaphthalene

Concen: 52.921 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

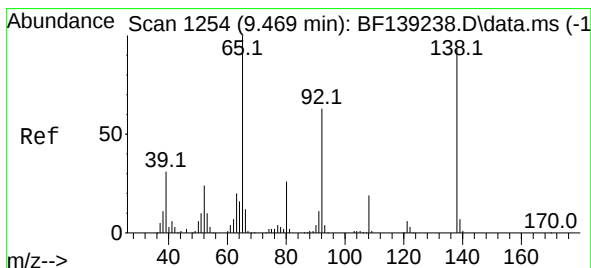
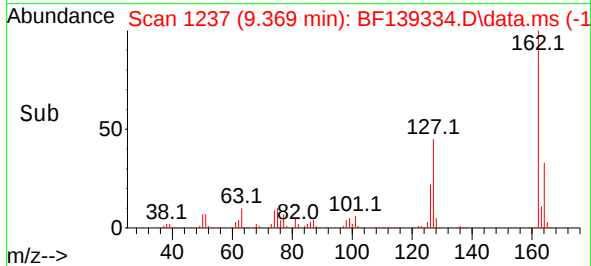
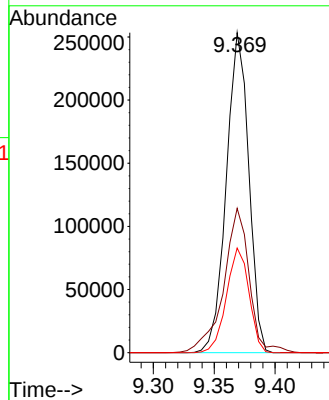
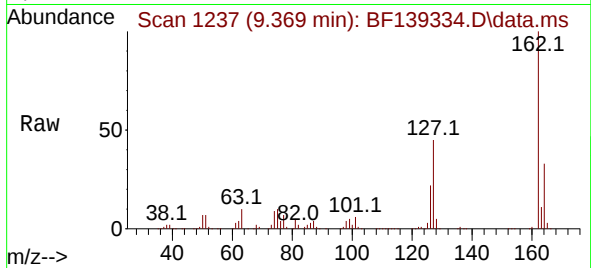
Tgt Ion:162 Resp: 325083

Ion Ratio Lower Upper

162 100

127 45.1 34.2 51.4

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 56.352 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

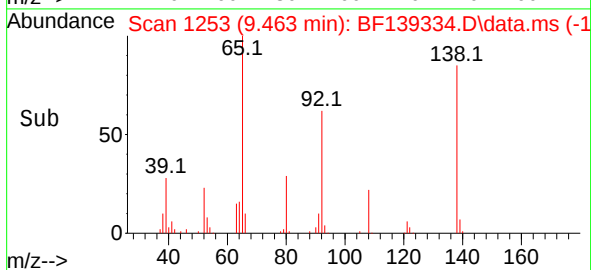
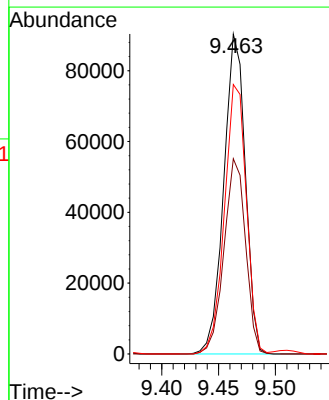
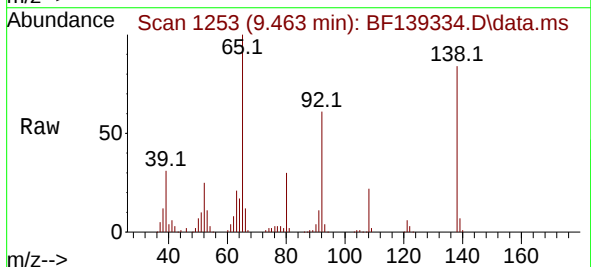
Tgt Ion: 65 Resp: 119232

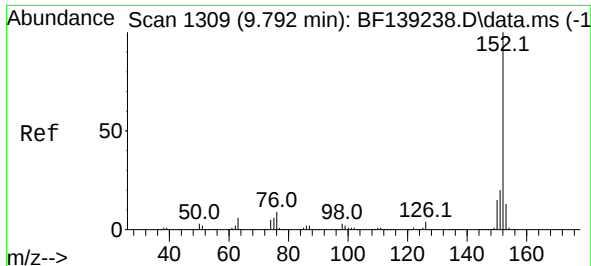
Ion Ratio Lower Upper

65 100

92 61.0 50.4 75.6

138 84.2 74.2 111.4





#49

Acenaphthylene

Concen: 56.474 ng

RT: 9.786 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

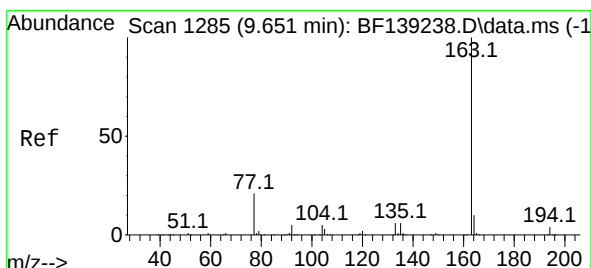
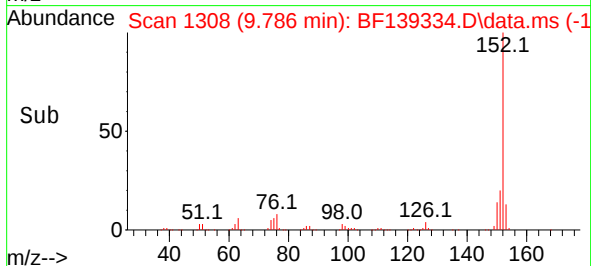
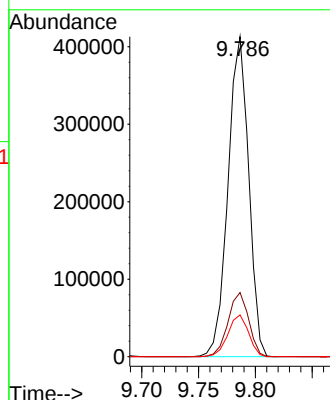
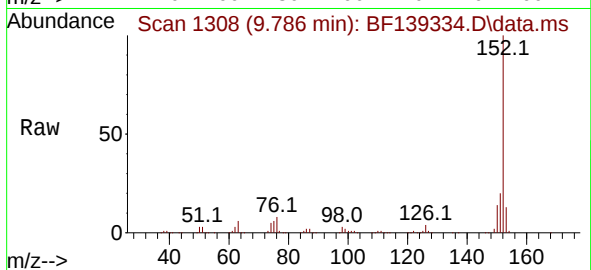
Tgt Ion:152 Resp: 522499

Ion Ratio Lower Upper

152 100

151 20.1 16.0 24.0

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 61.035 ng

RT: 9.645 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

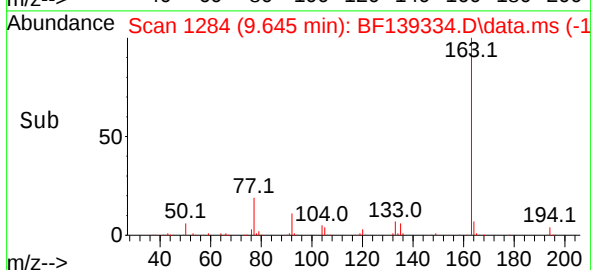
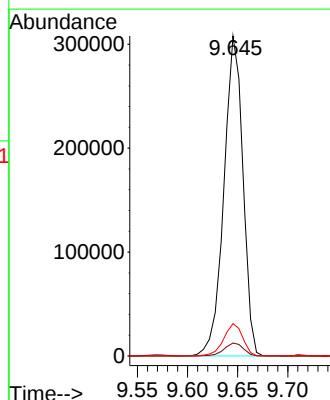
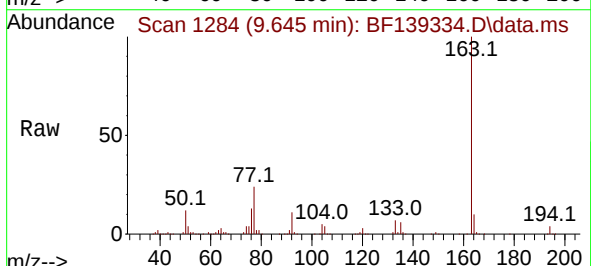
Tgt Ion:163 Resp: 406196

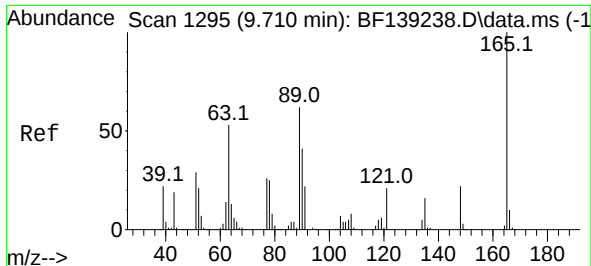
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.1 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 54.781 ng

RT: 9.710 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

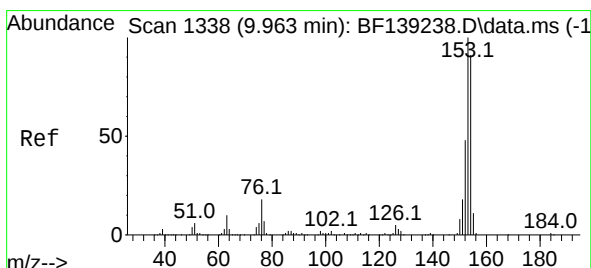
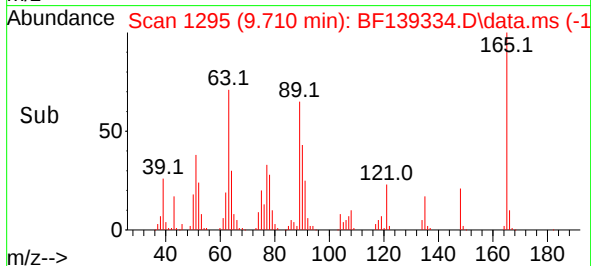
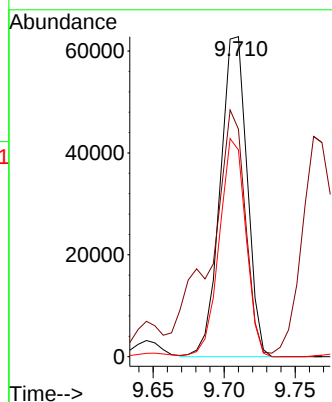
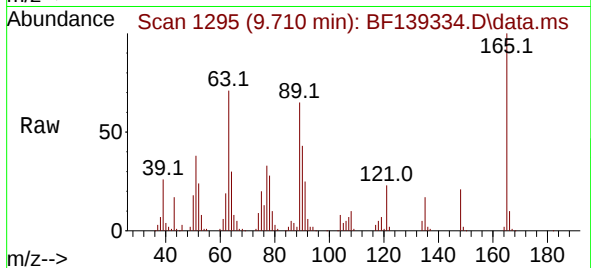
Tgt Ion:165 Resp: 82708

Ion Ratio Lower Upper

165 100

63 71.1 56.1 84.1

89 64.6 49.7 74.5



#52

Acenaphthene

Concen: 60.526 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

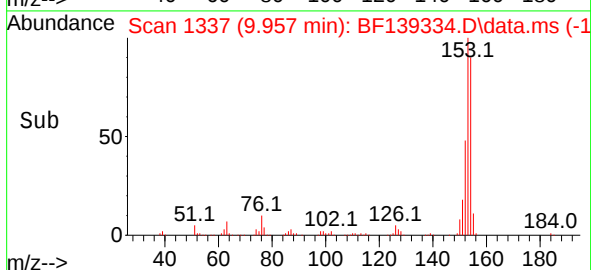
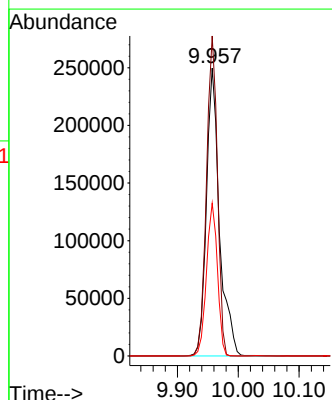
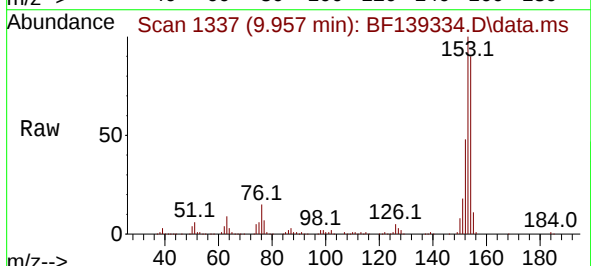
Tgt Ion:154 Resp: 371417

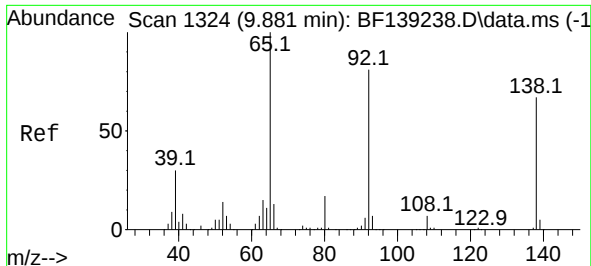
Ion Ratio Lower Upper

154 100

153 111.1 87.8 131.6

152 53.1 41.7 62.5

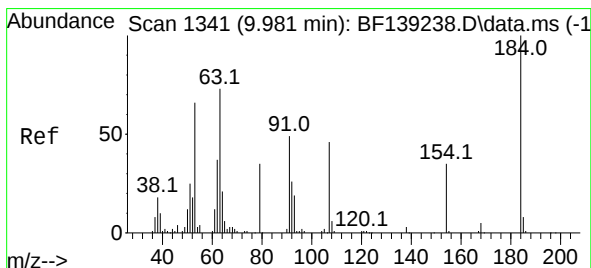
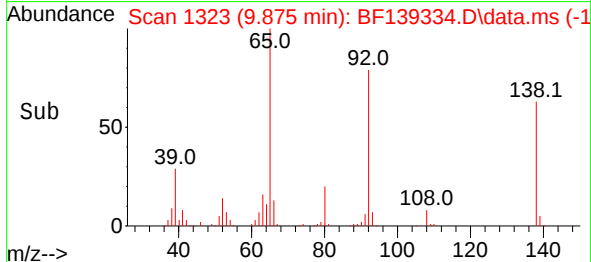
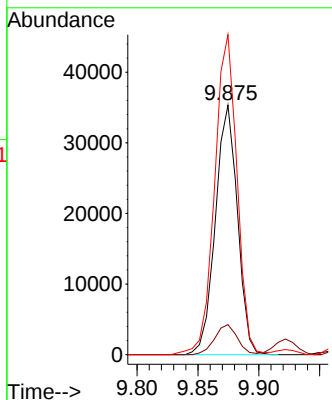
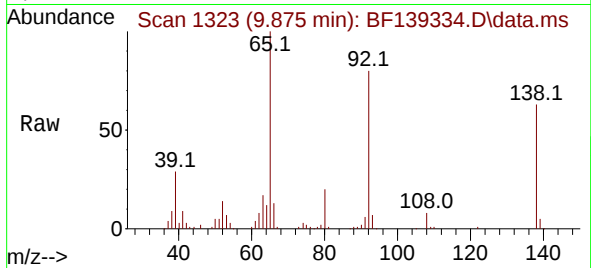




#53
3-Nitroaniline
Concen: 27.775 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

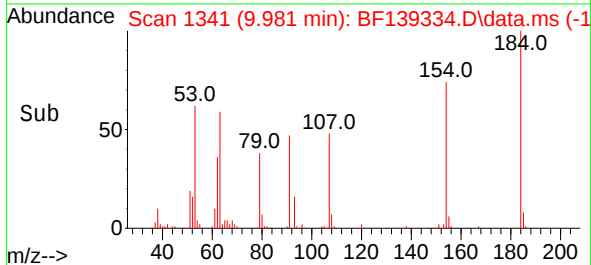
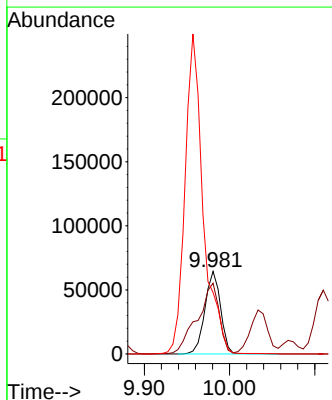
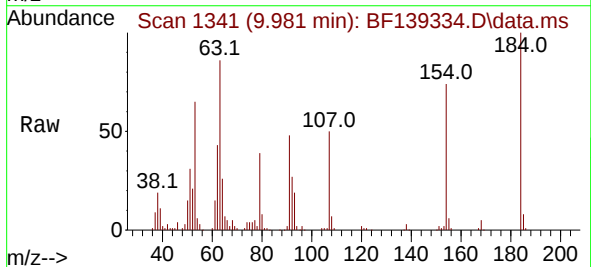
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

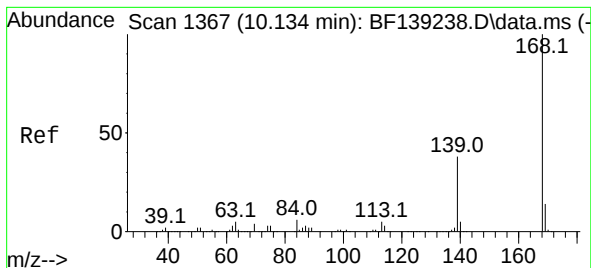
Tgt Ion:138 Resp: 44678
Ion Ratio Lower Upper
138 100
108 12.1 8.6 13.0
92 128.3 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 102.189 ng
RT: 9.981 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:184 Resp: 82657
Ion Ratio Lower Upper
184 100
63 85.7 66.4 99.6
154 74.5 97.0 145.6#





#55

Dibenzenofuran

Concen: 53.793 ng

RT: 10.128 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

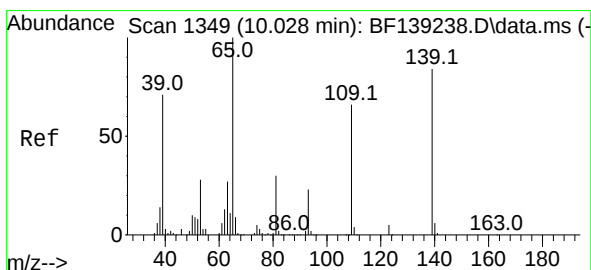
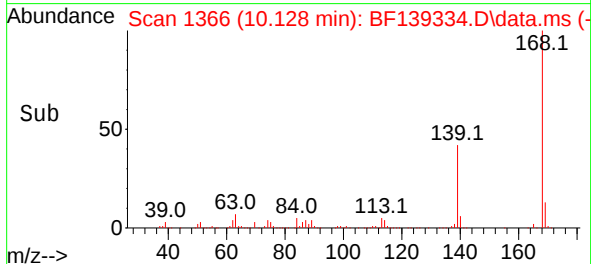
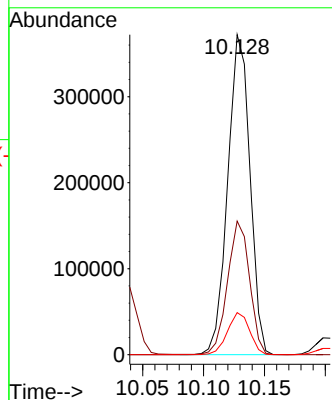
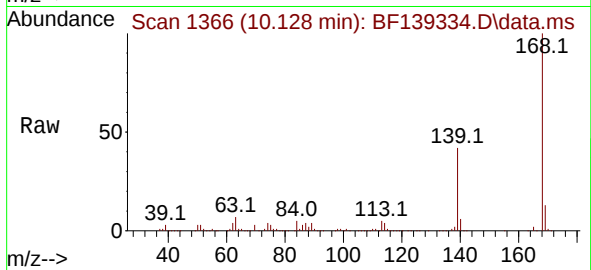
Tgt Ion:168 Resp: 473265

Ion Ratio Lower Upper

168 100

139 41.8 30.2 45.4

169 13.2 10.8 16.2



#56

4-Nitrophenol

Concen: 97.823 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

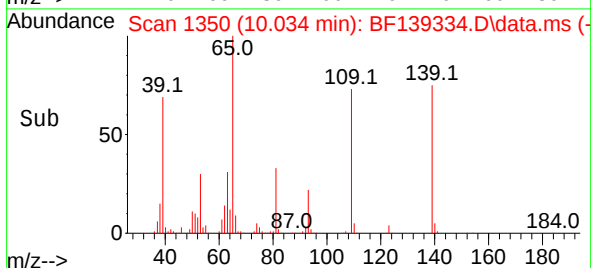
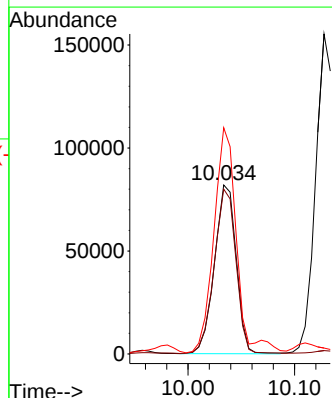
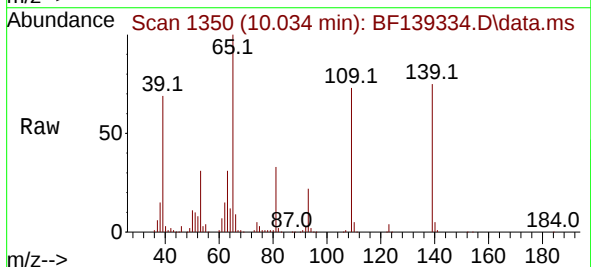
Tgt Ion:139 Resp: 116144

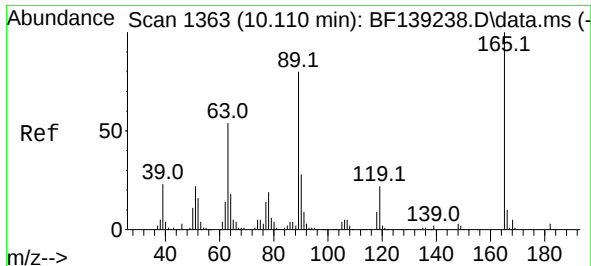
Ion Ratio Lower Upper

139 100

109 97.6 58.7 98.7

65 133.9 100.3 140.3

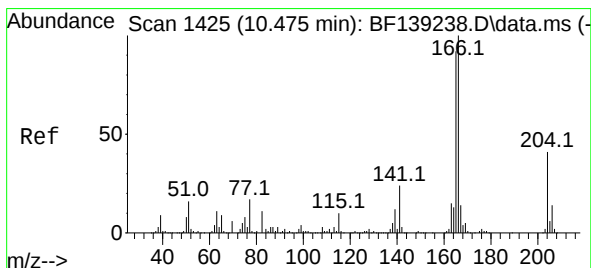
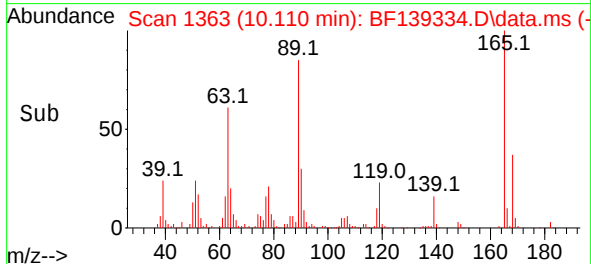
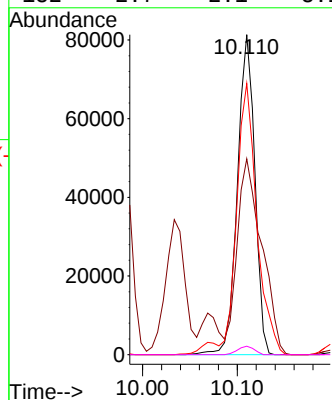
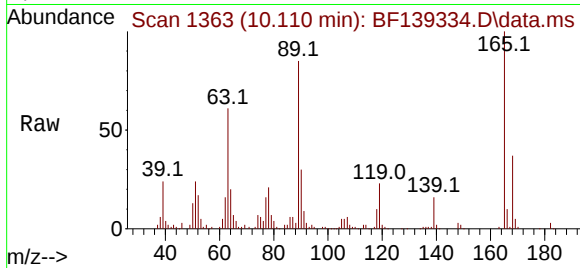




#57
2,4-Dinitrotoluene
Concen: 53.942 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

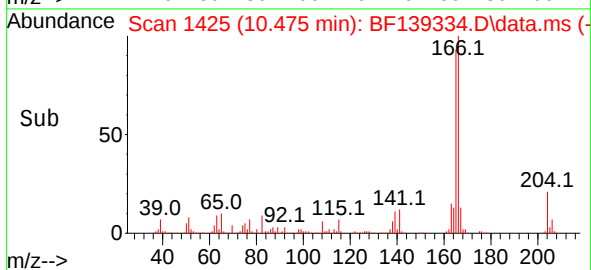
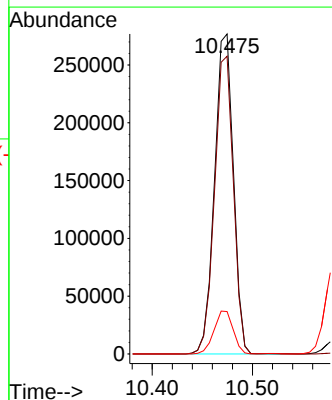
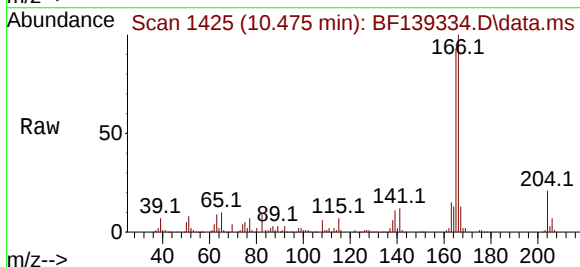
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

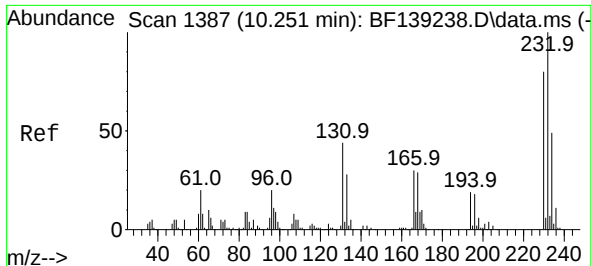
Tgt Ion:165 Resp: 103657
Ion Ratio Lower Upper
165 100
63 61.2 43.4 65.0
89 84.7 64.2 96.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 52.844 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:166 Resp: 360456
Ion Ratio Lower Upper
166 100
165 93.1 73.7 110.5
167 13.3 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 57.602 ng

RT: 10.204 min Scan# 1403

Delta R.T. -0.047 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

Tgt Ion:232 Resp: 96579

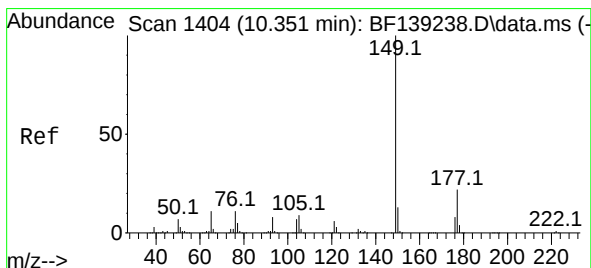
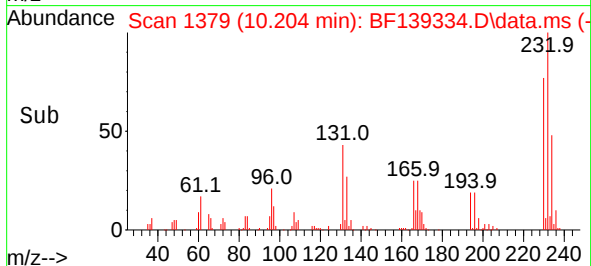
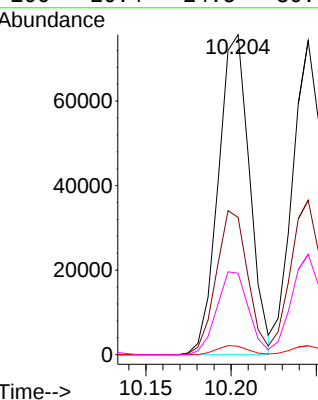
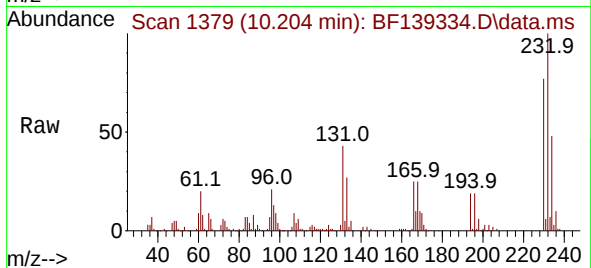
Ion Ratio Lower Upper

232 100

131 45.6 37.7 56.5

130 2.8 1.9 2.9

166 26.4 24.5 36.7



#60

Diethylphthalate

Concen: 61.623 ng

RT: 10.345 min Scan# 1403

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

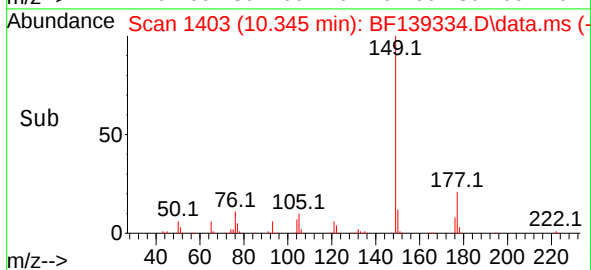
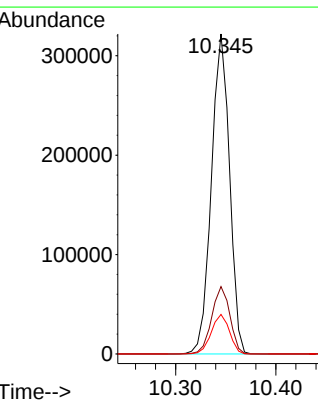
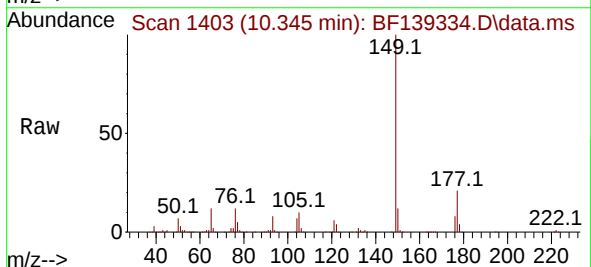
Tgt Ion:149 Resp: 403591

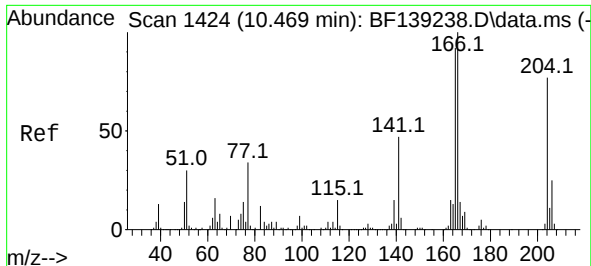
Ion Ratio Lower Upper

149 100

177 21.1 17.7 26.5

150 12.4 10.2 15.2

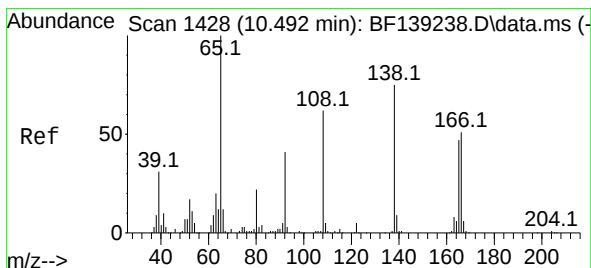
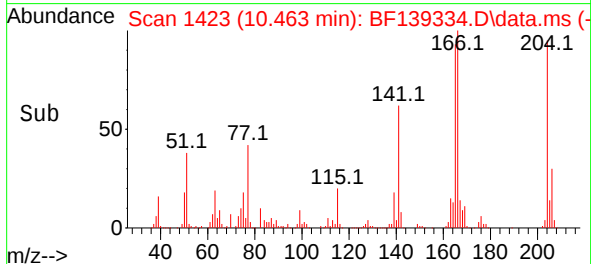
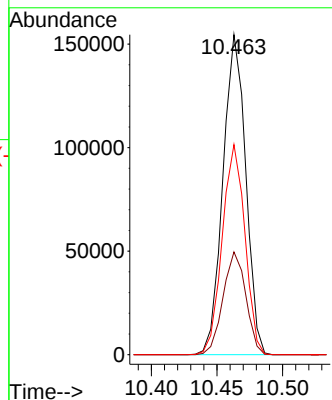
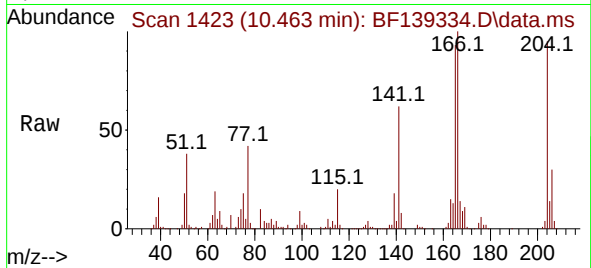




#61
4-Chlorophenyl-phenylether
Concen: 56.684 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

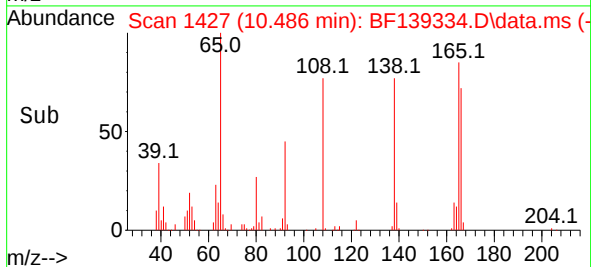
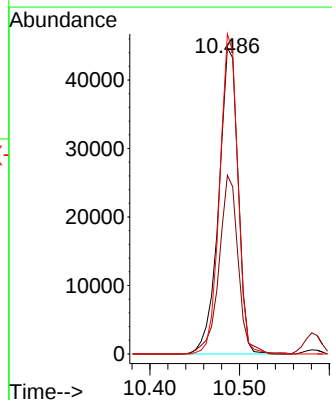
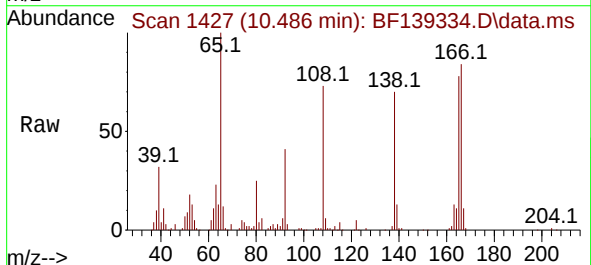
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

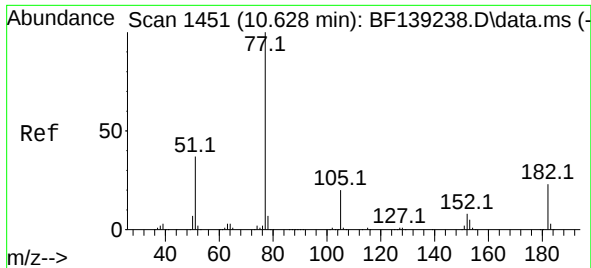
Tgt Ion:204 Resp: 186465
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 65.7 48.6 72.8



#62
4-Nitroaniline
Concen: 43.767 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:138 Resp: 67016
Ion Ratio Lower Upper
138 100
92 58.3 34.4 74.4
108 104.4 62.7 102.7#

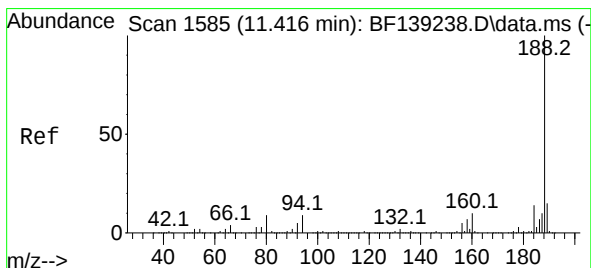
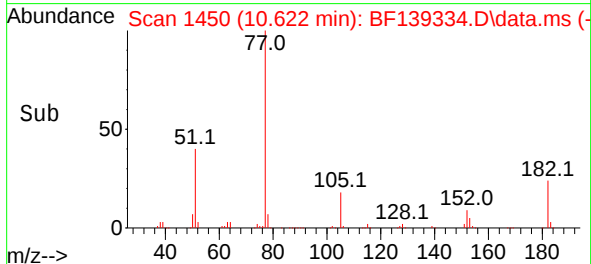
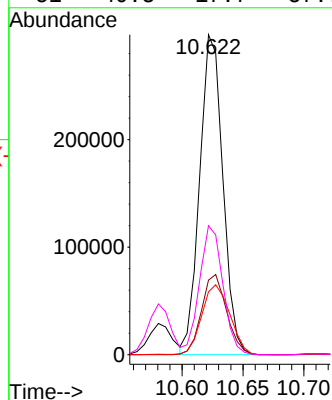
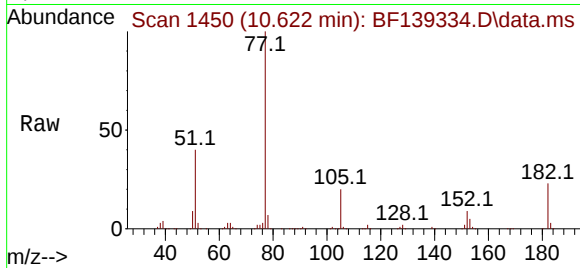




#63
Azobenzene
Concen: 57.147 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

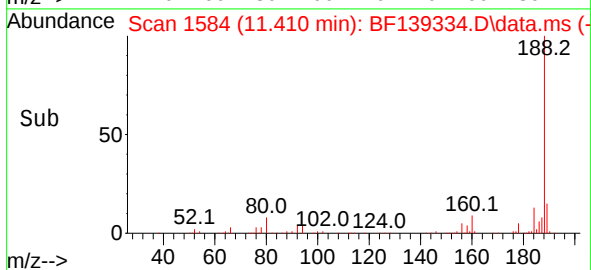
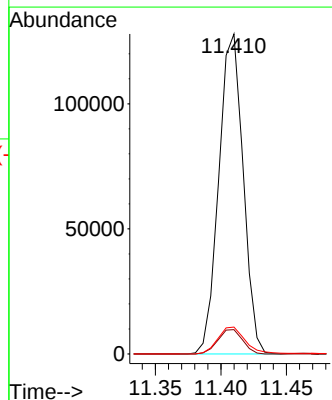
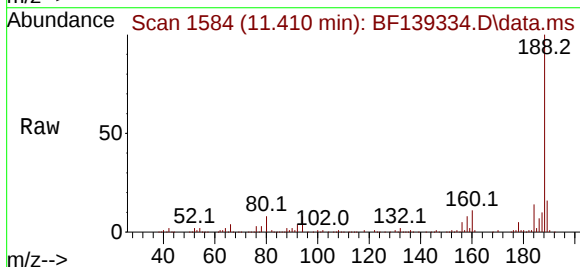
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

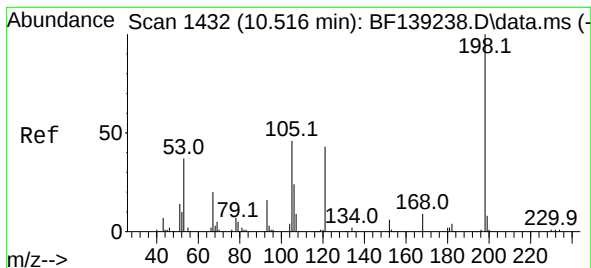
Tgt Ion: 77	Resp: 394472
Ion Ratio	Lower Upper
77 100	
182 23.3	3.0 43.0
105 19.6	0.0 39.4
51 40.3	17.7 57.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt	Ion:188	Resp:	164983
Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.4
80	8.4	7.3	10.9

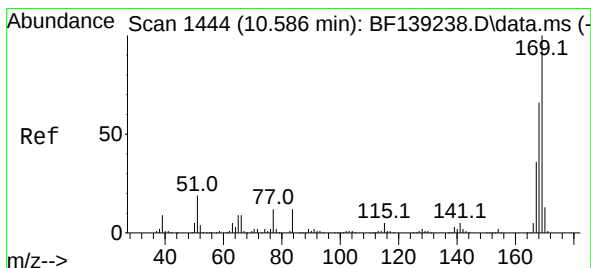
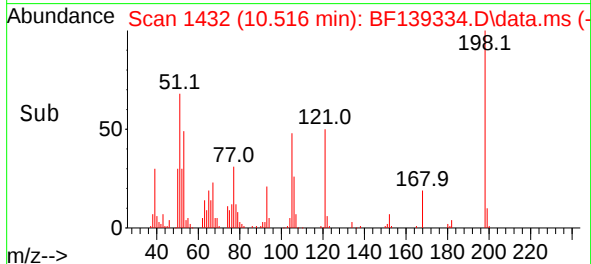
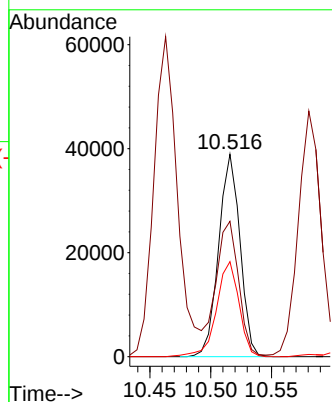
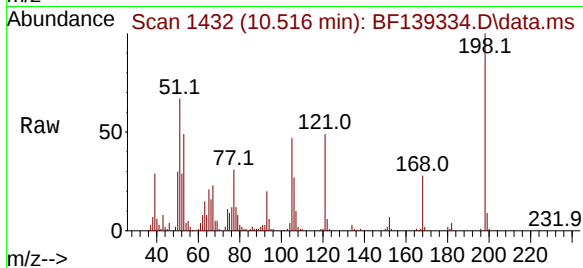




#65
4,6-Dinitro-2-methylphenol
Concen: 62.295 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

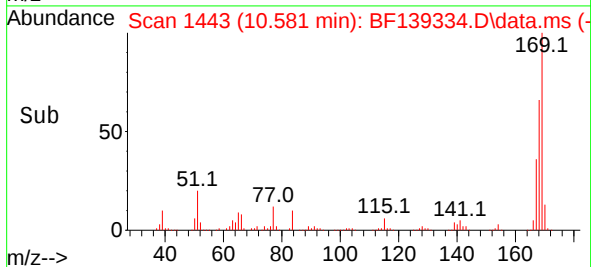
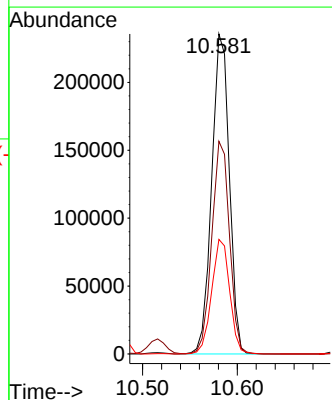
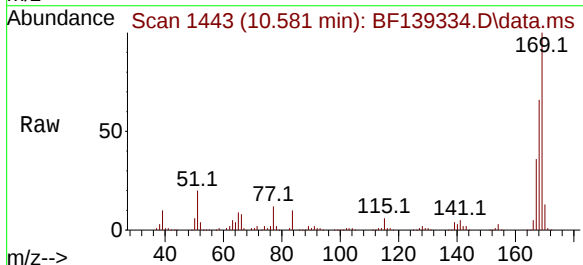
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

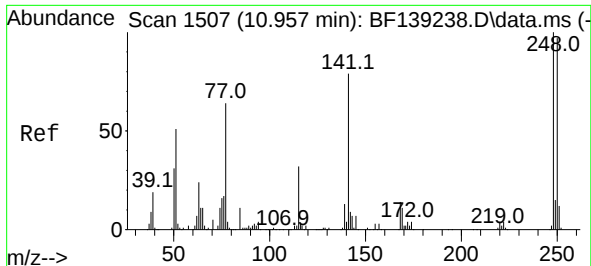
Tgt Ion:198 Resp: 47489
Ion Ratio Lower Upper
198 100
51 66.9 47.2 87.2
105 46.9 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 63.252 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:169 Resp: 303763
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 35.8 29.0 43.6

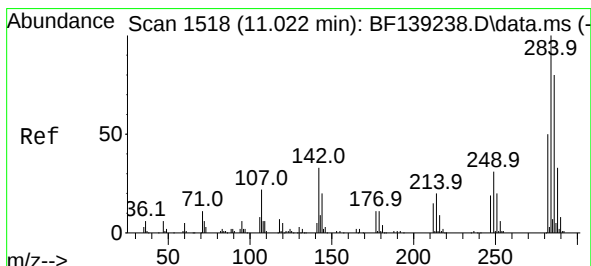
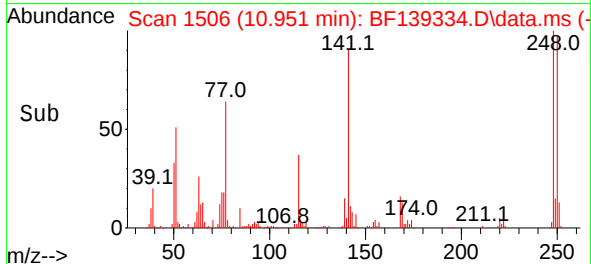
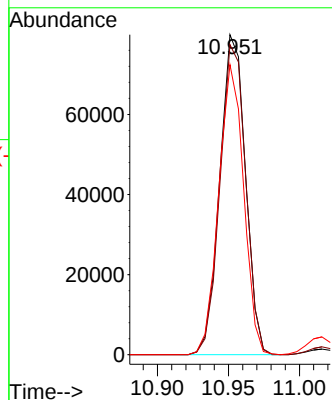
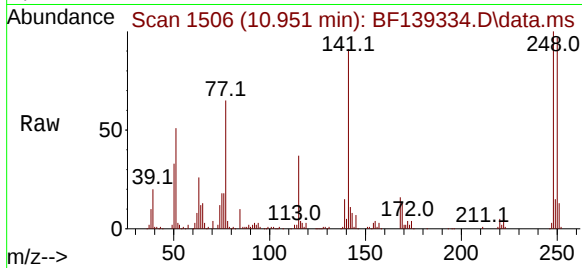




#67
4-Bromophenyl-phenylether
Concen: 62.625 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

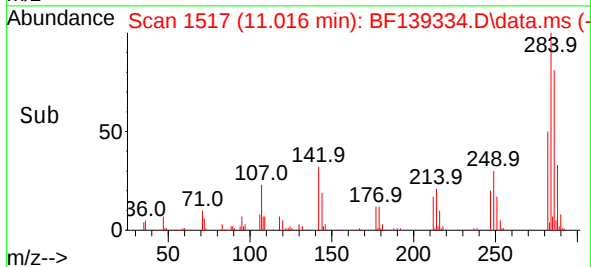
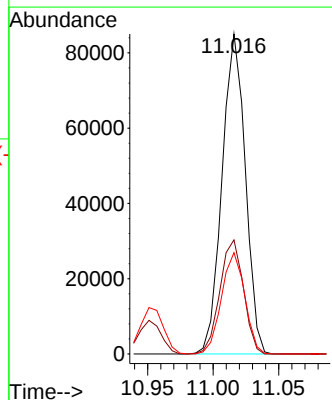
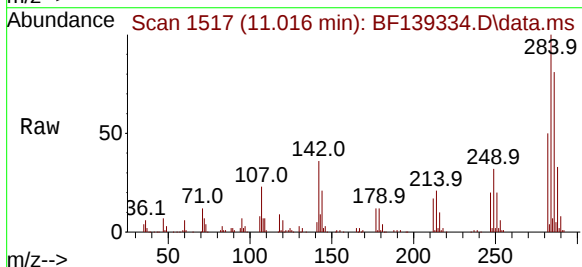
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

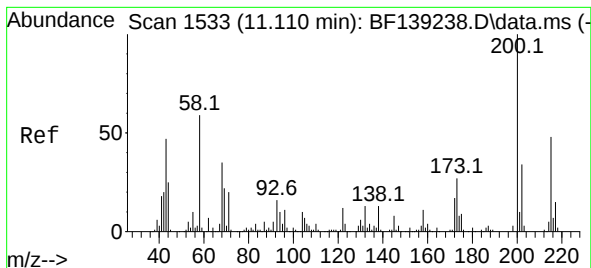
Tgt Ion:248 Resp: 100246
Ion Ratio Lower Upper
248 100
250 96.9 77.2 115.8
141 90.6 63.6 95.4



#68
Hexachlorobenzene
Concen: 57.234 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:284 Resp: 104880
Ion Ratio Lower Upper
284 100
142 35.6 26.5 39.7
249 31.7 24.8 37.2





#69

Atrazine

Concen: 84.387 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

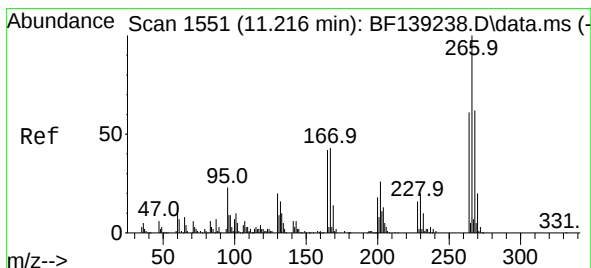
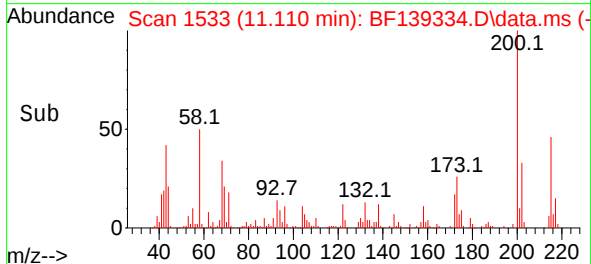
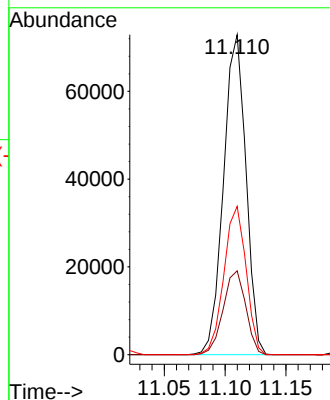
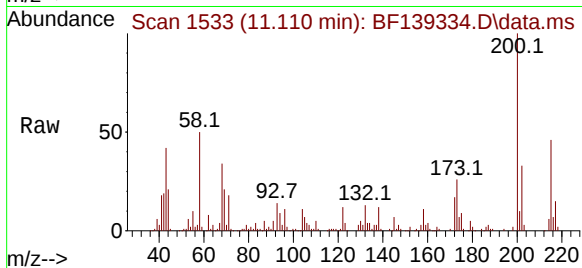
Tgt Ion:200 Resp: 93499

Ion Ratio Lower Upper

200 100

173 26.2 7.1 47.1

215 46.3 28.5 68.5



#70

Pentachlorophenol

Concen: 118.972 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

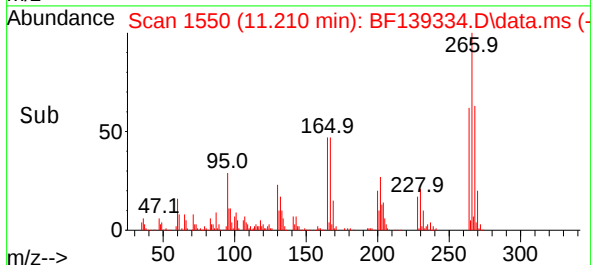
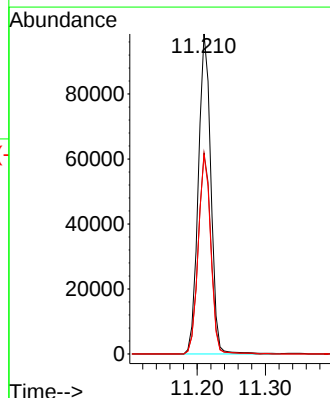
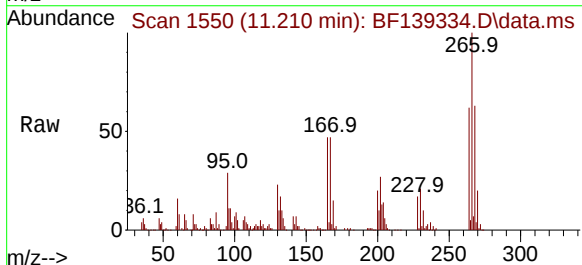
Tgt Ion:266 Resp: 125935

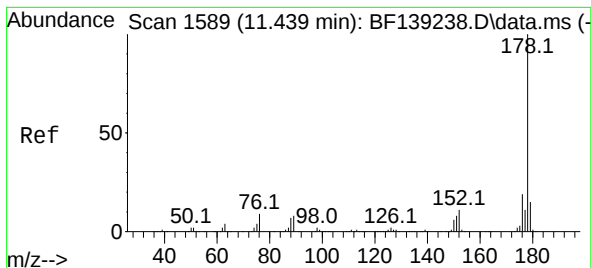
Ion Ratio Lower Upper

266 100

268 62.8 49.7 74.5

264 62.2 49.2 73.8





#71

Phenanthrene

Concen: 57.901 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

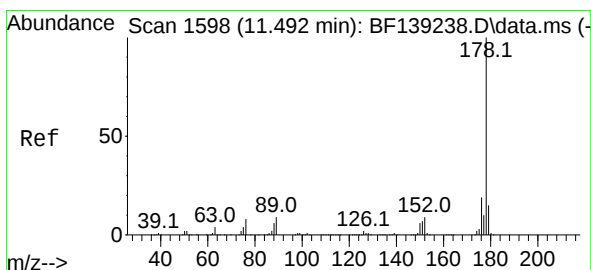
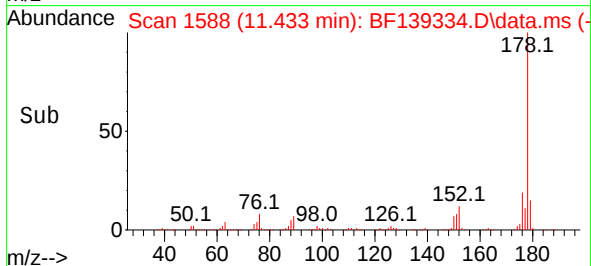
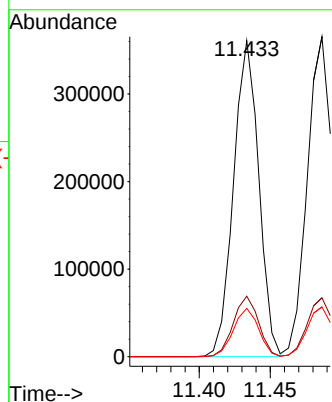
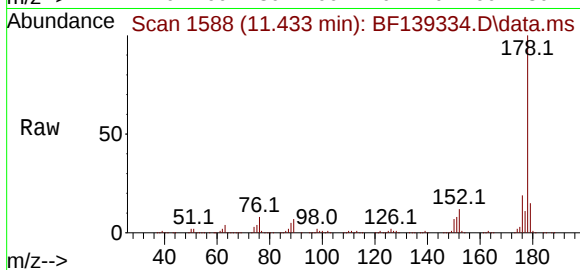
Tgt Ion:178 Resp: 446263

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

179 15.3 12.3 18.5



#72

Anthracene

Concen: 60.145 ng

RT: 11.486 min Scan# 1597

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

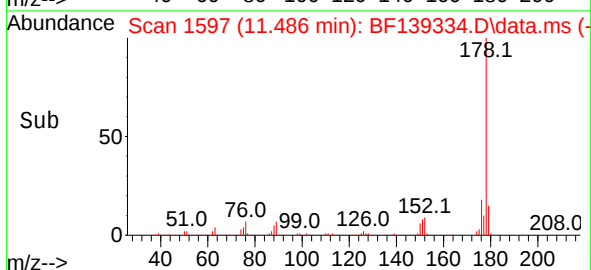
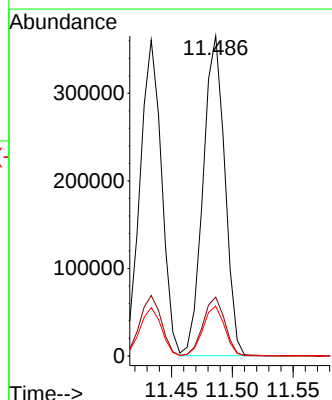
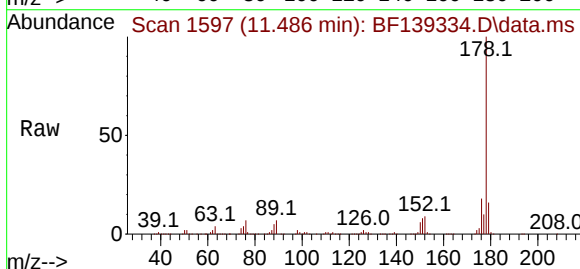
Tgt Ion:178 Resp: 452831

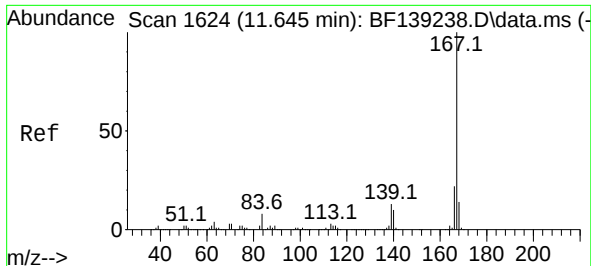
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

179 15.6 12.3 18.5

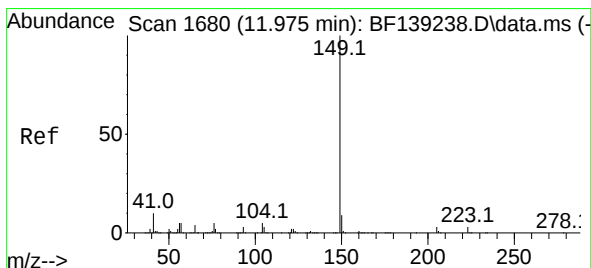
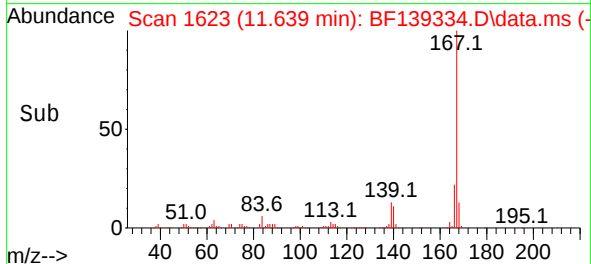
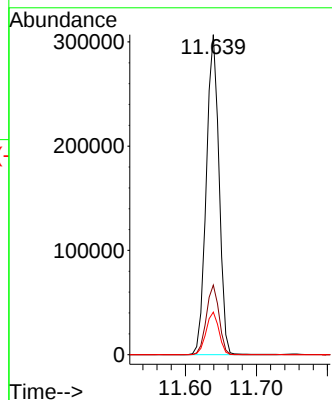
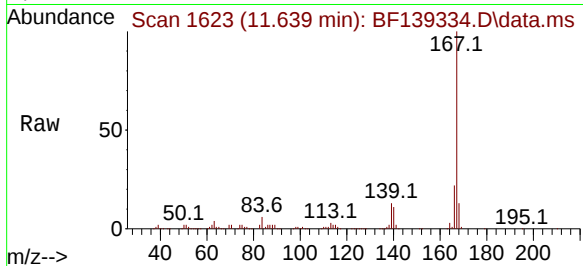




#73
Carbazole
Concen: 54.305 ng
RT: 11.639 min Scan# 1623
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

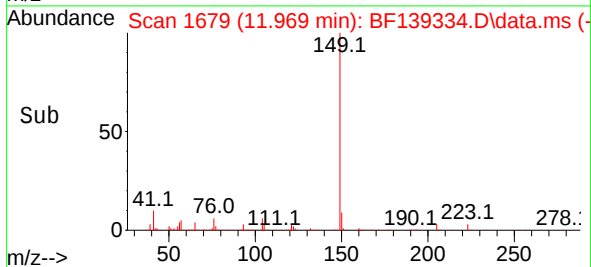
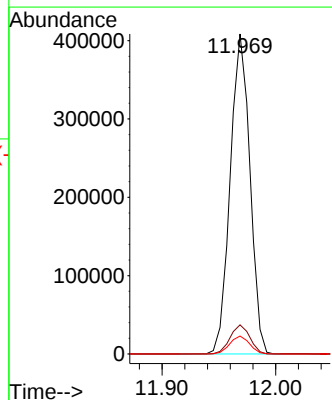
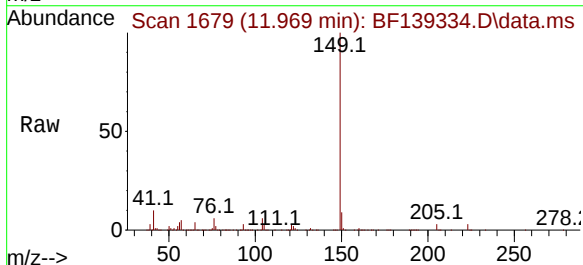
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

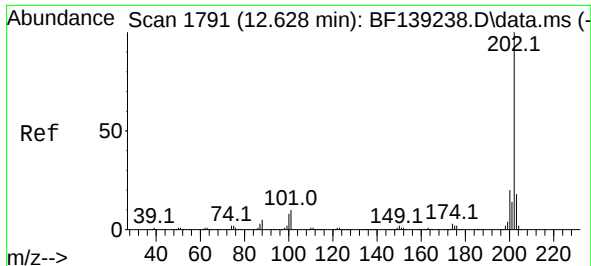
Tgt Ion:167 Resp: 382135
Ion Ratio Lower Upper
167 100
166 21.7 17.2 25.8
139 13.3 10.2 15.4



#74
Di-n-butylphthalate
Concen: 68.280 ng
RT: 11.969 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:149 Resp: 491960
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.6 3.9 5.9

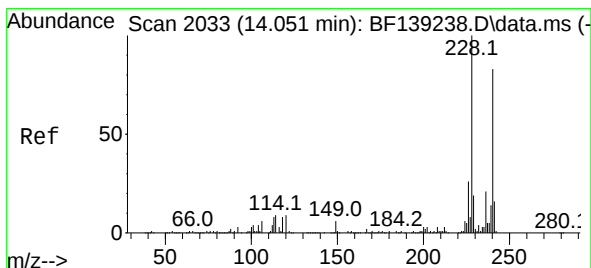
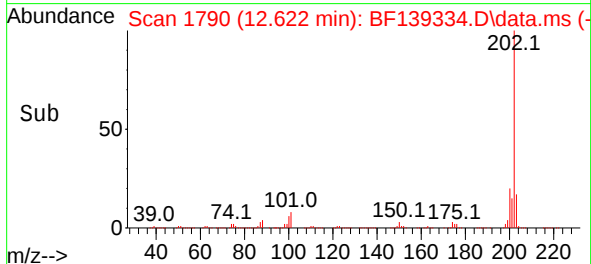
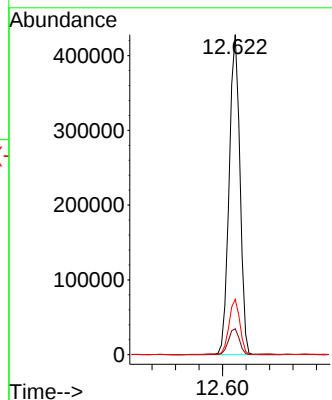
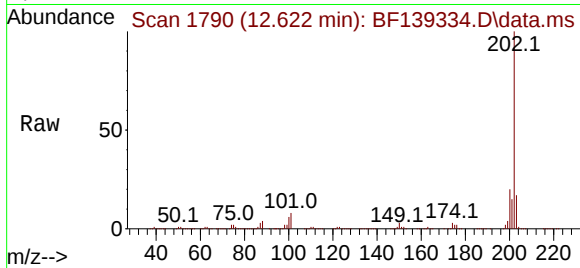




#75
Fluoranthene
Concen: 70.619 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

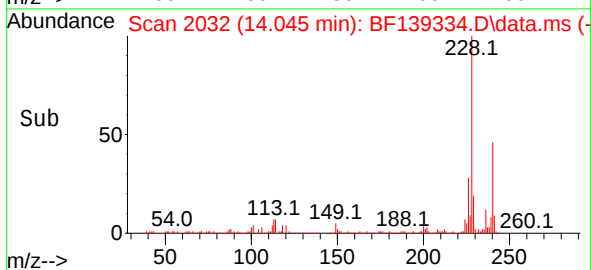
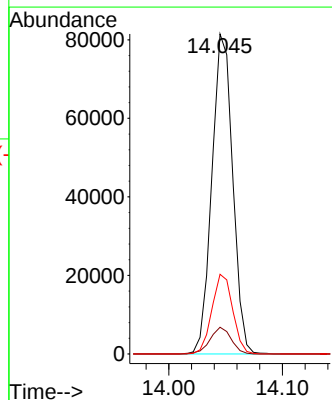
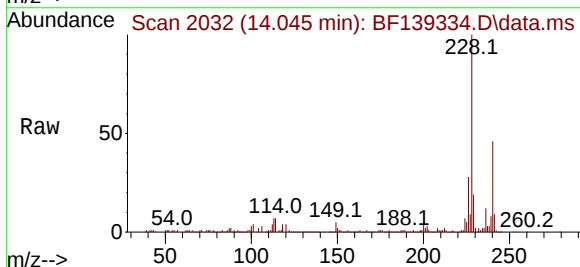
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

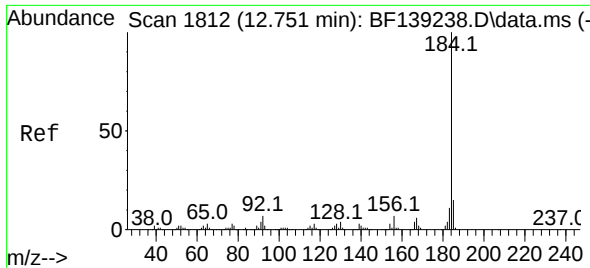
Tgt Ion:202 Resp: 545666
Ion Ratio Lower Upper
202 100
101 8.1 0.0 29.9
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:240 Resp: 103810
Ion Ratio Lower Upper
240 100
120 8.4 8.6 12.8#
236 24.9 20.7 31.1

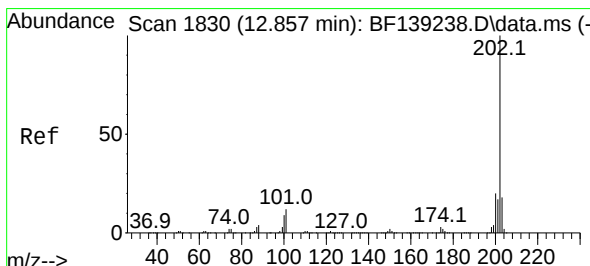
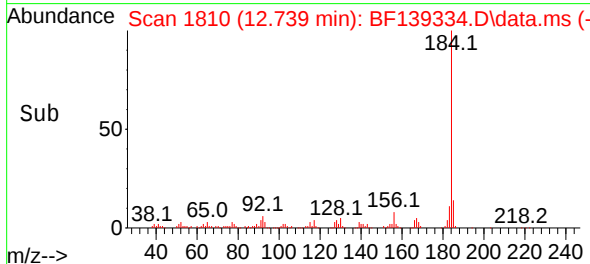
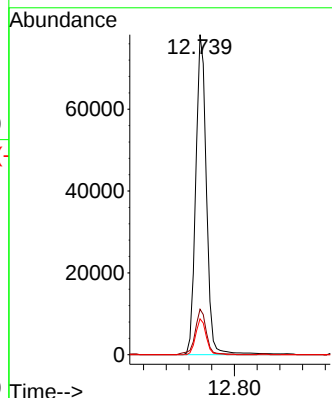
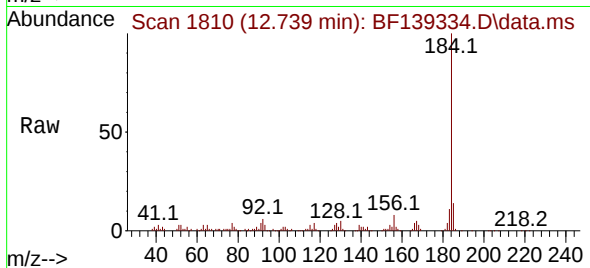




#77
Benzidine
Concen: 49.043 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

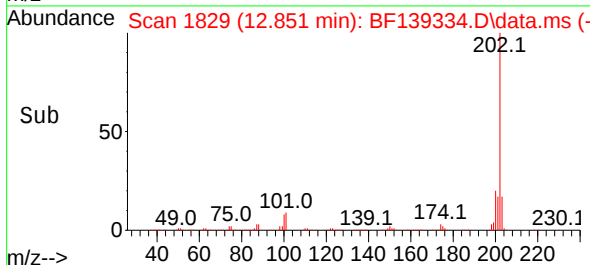
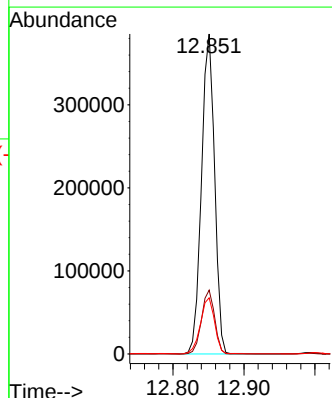
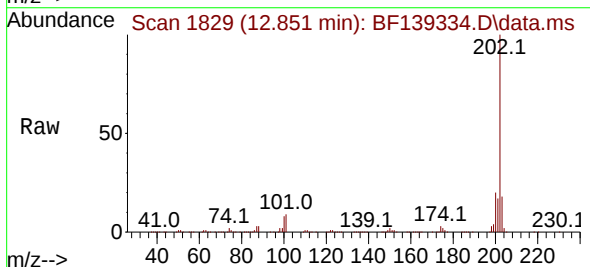
Instrument :
BNA_F
ClientSampleId :
72-11930MSD

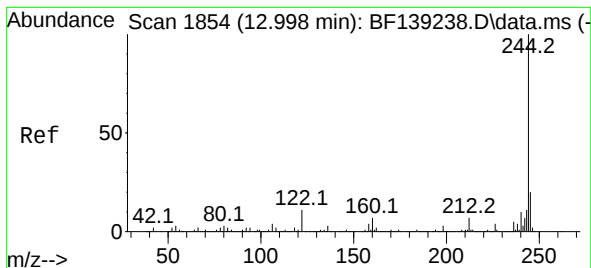
Tgt Ion:184 Resp: 102512
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 11.2 8.8 13.2



#78
Pyrene
Concen: 49.488 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:202 Resp: 496270
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.8
203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 77.637 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

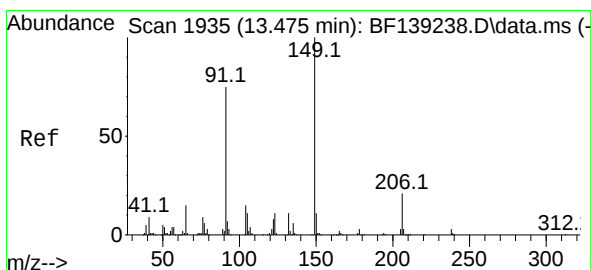
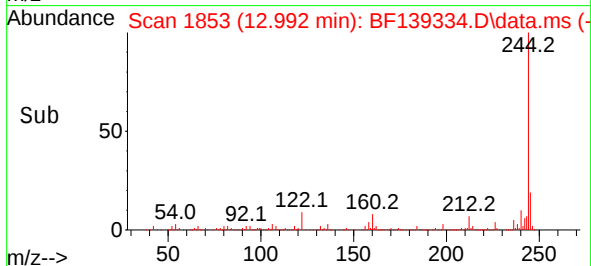
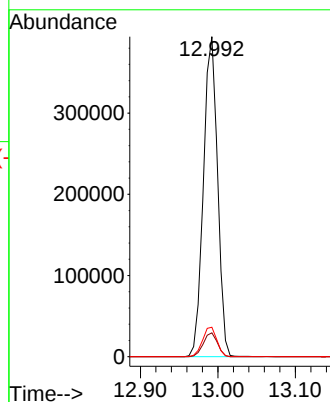
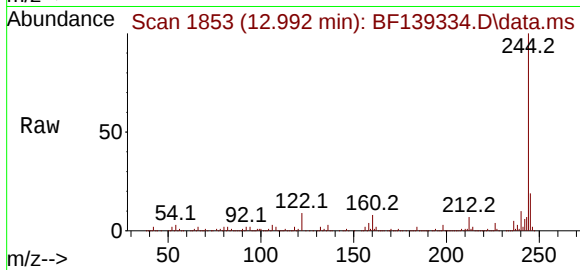
Tgt Ion:244 Resp: 499172

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 9.2 8.7 13.1



#80

Butylbenzylphthalate

Concen: 74.878 ng

RT: 13.469 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

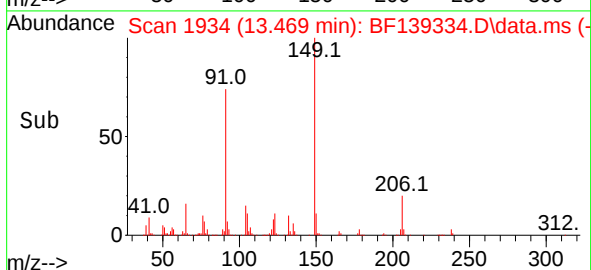
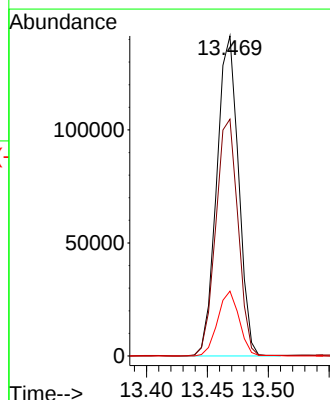
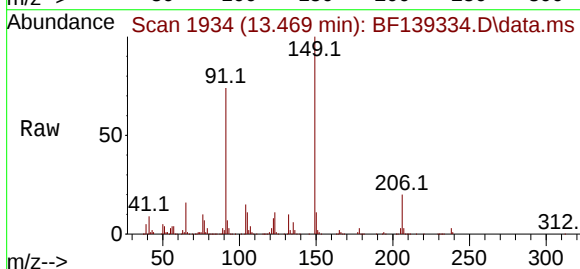
Tgt Ion:149 Resp: 176767

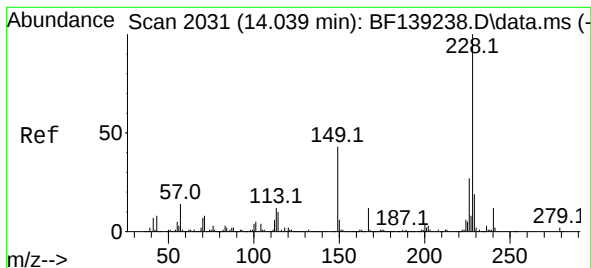
Ion Ratio Lower Upper

149 100

91 74.0 60.3 90.5

206 20.3 16.7 25.1





#81

Benzo(a)anthracene

Concen: 61.699 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

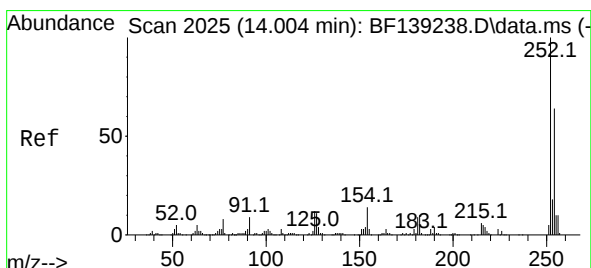
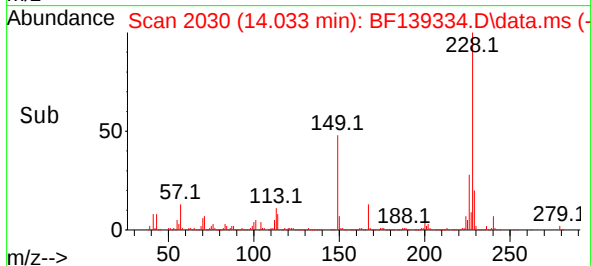
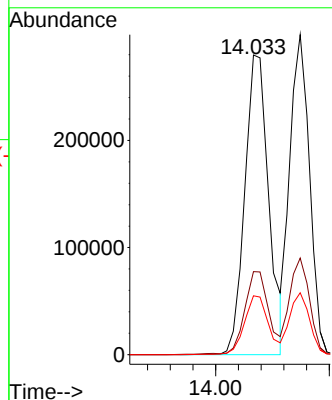
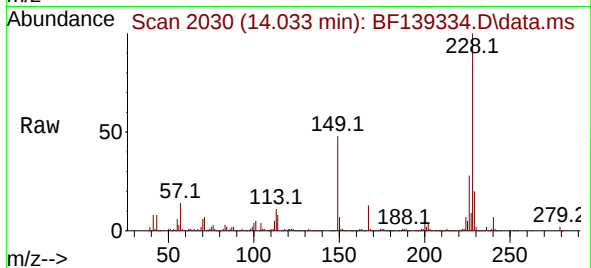
Tgt Ion:228 Resp: 408986

Ion Ratio Lower Upper

228 100

226 27.7 21.5 32.3

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 40.811 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

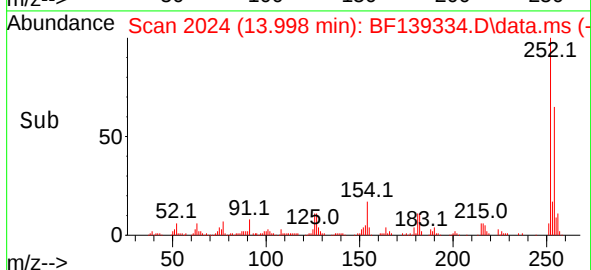
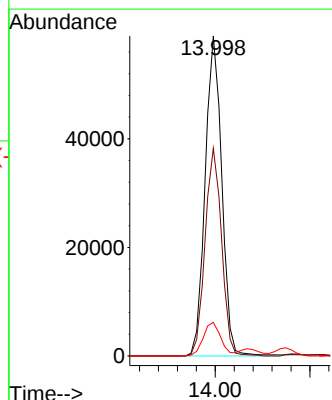
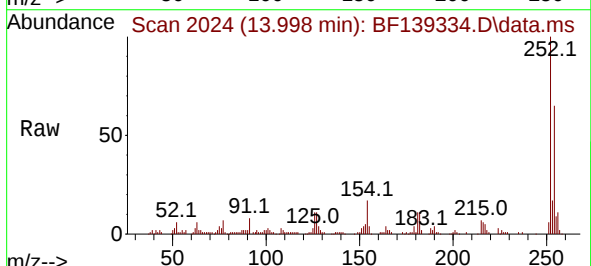
Tgt Ion:252 Resp: 71844

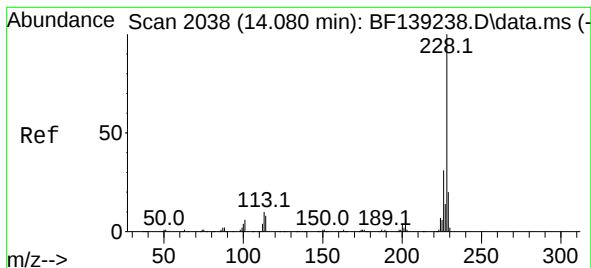
Ion Ratio Lower Upper

252 100

254 64.9 51.5 77.3

126 10.5 9.2 13.8





#83

Chrysene

Concen: 58.088 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

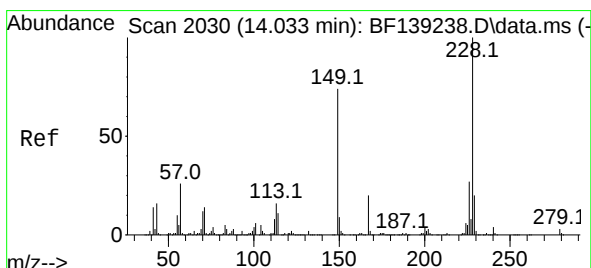
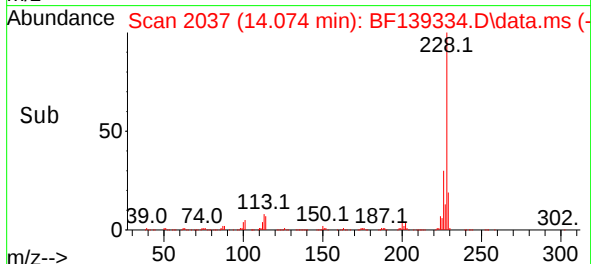
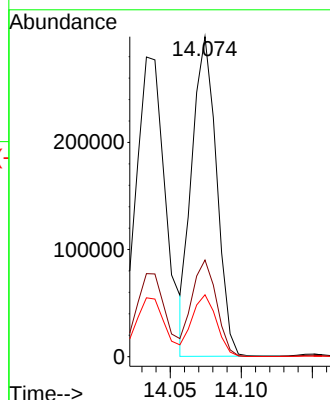
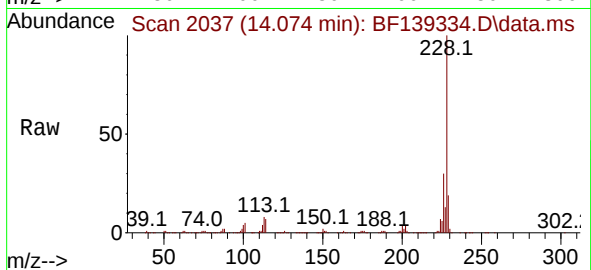
Tgt Ion:228 Resp: 359372

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 93.500 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

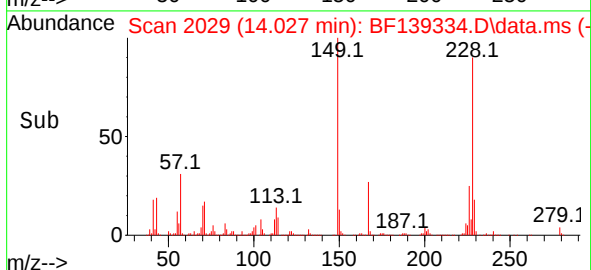
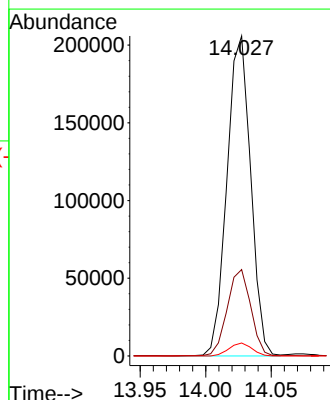
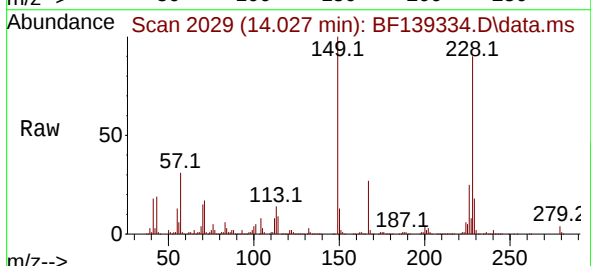
Tgt Ion:149 Resp: 259076

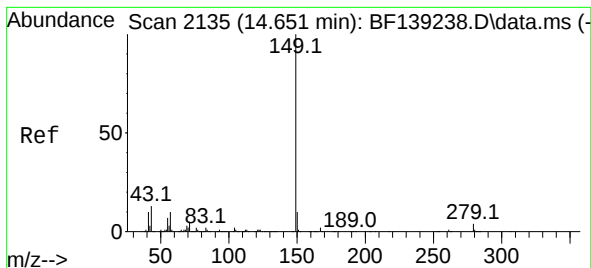
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 73.464 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

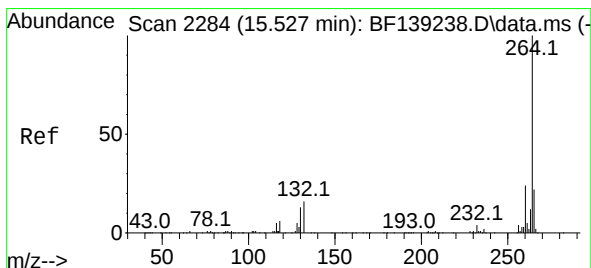
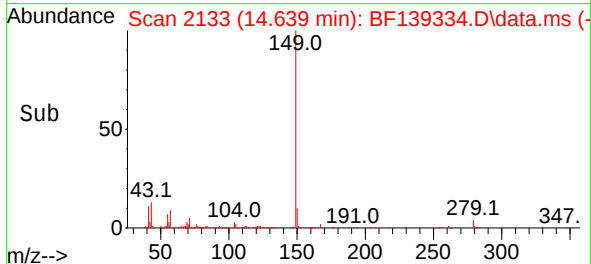
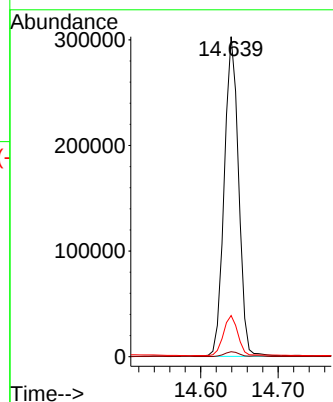
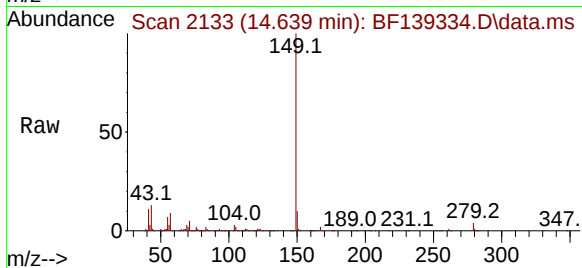
Tgt Ion:149 Resp: 389721

Ion Ratio Lower Upper

149 100

167 1.5 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: BF139334.D

Acq: 11 Sep 2024 19:07

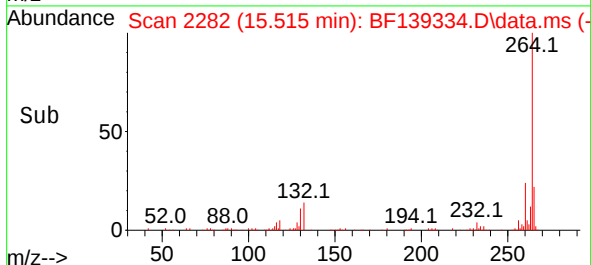
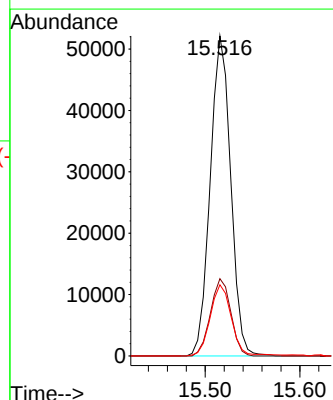
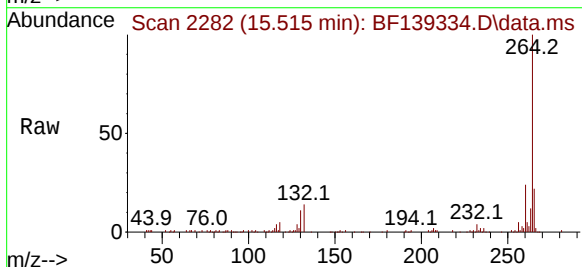
Tgt Ion:264 Resp: 78333

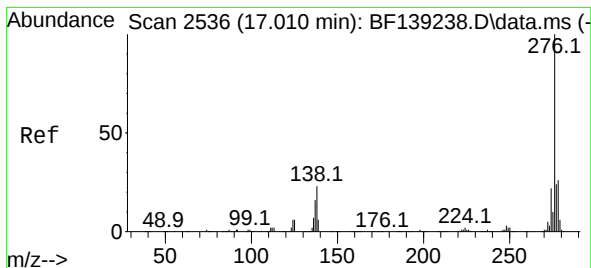
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.368 ng

RT: 16.998 min Scan# 2109

Delta R.T. -0.012 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

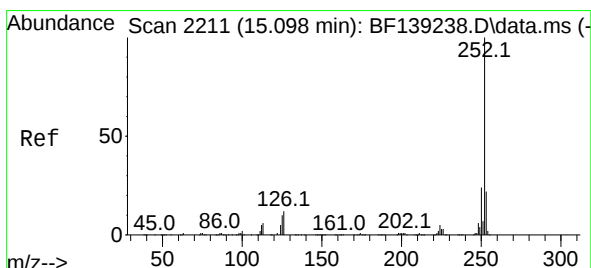
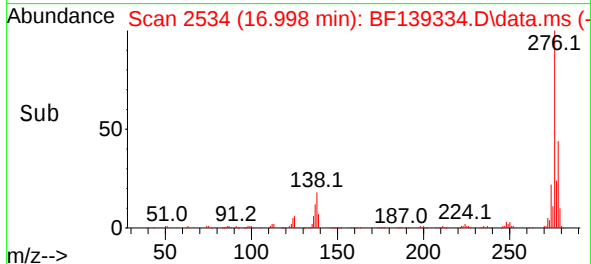
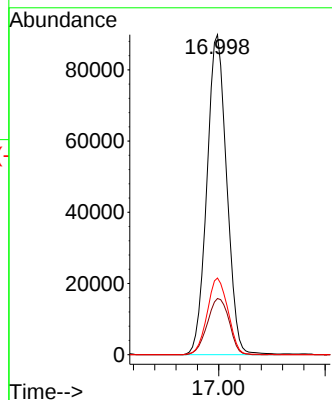
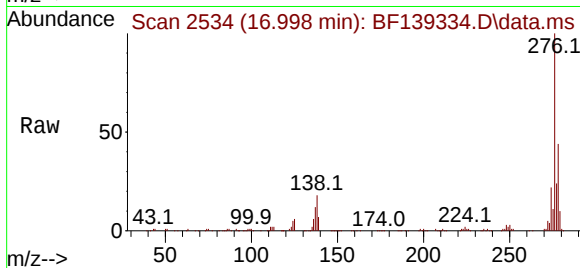
Tgt Ion:276 Resp: 231800

Ion Ratio Lower Upper

276 100

138 19.4 20.4 30.6#

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 66.800 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.012 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

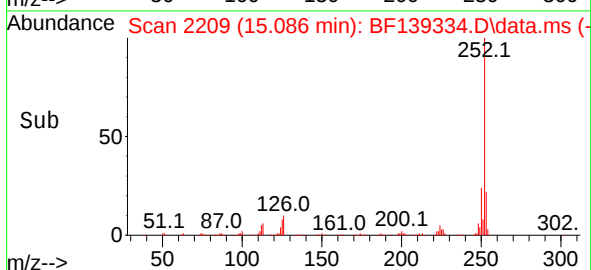
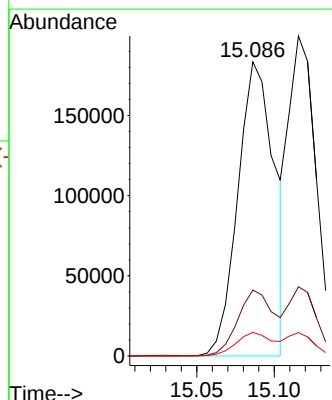
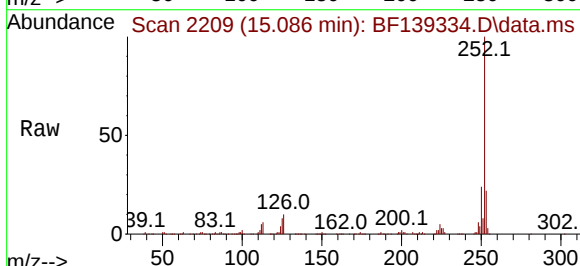
Tgt Ion:252 Resp: 301348

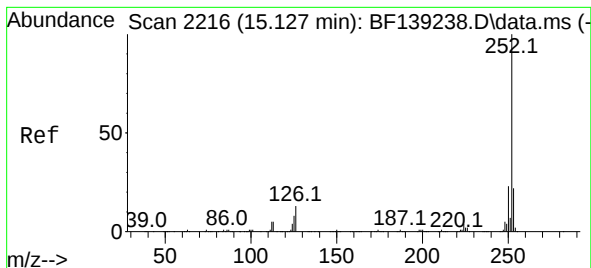
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 8.0 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 60.789 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

Instrument :

BNA_F

ClientSampleId :

72-11930MSD

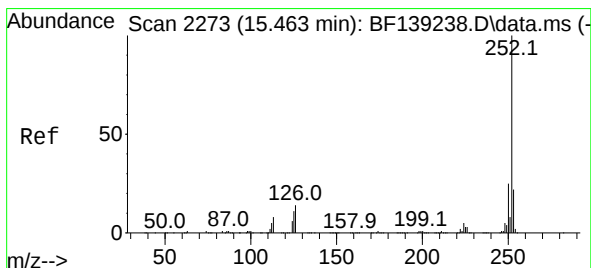
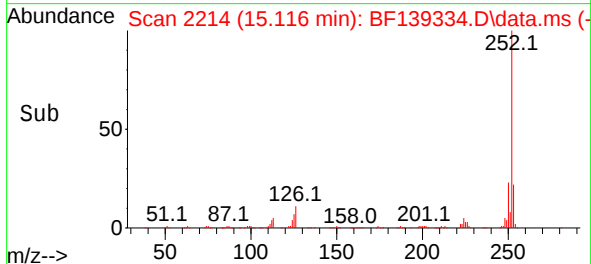
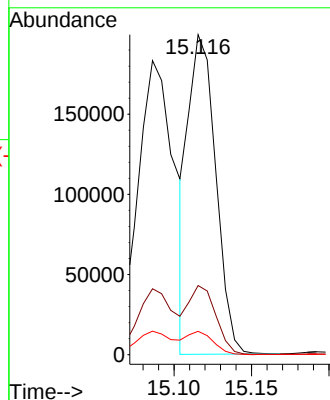
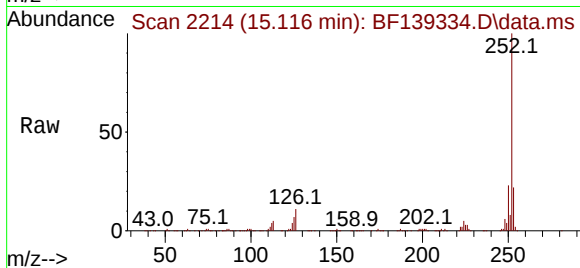
Tgt Ion:252 Resp: 245883

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 7.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 2.247 ng

RT: 15.392 min Scan# 2261

Delta R.T. -0.071 min

Lab File: BF139334.D

Acq: 11 Sep 2024 19:07

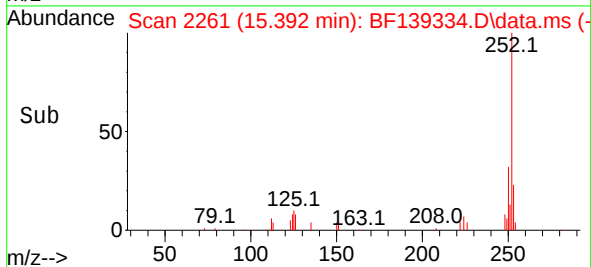
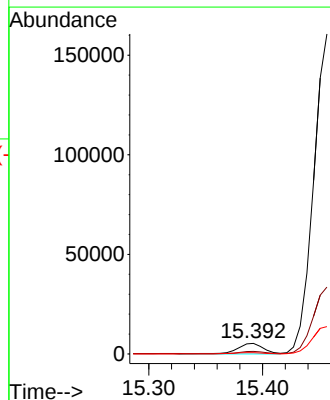
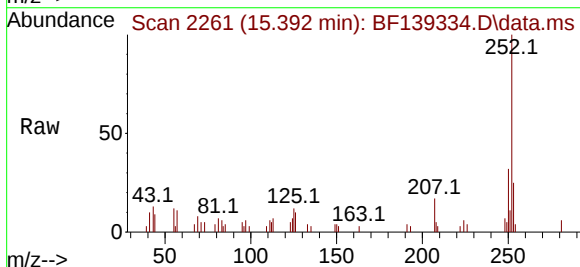
Tgt Ion:252 Resp: 8609

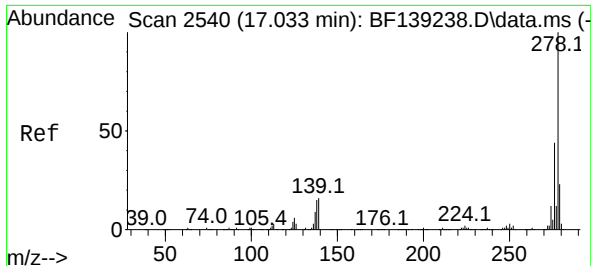
Ion Ratio Lower Upper

252 100

253 24.8 17.5 26.3

125 12.3 8.6 13.0

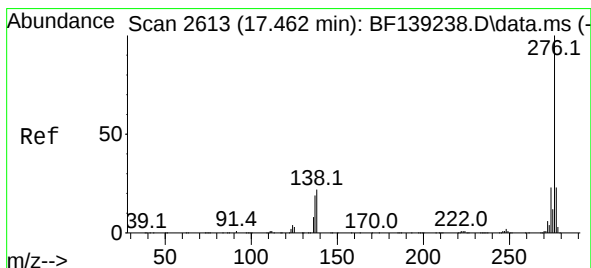
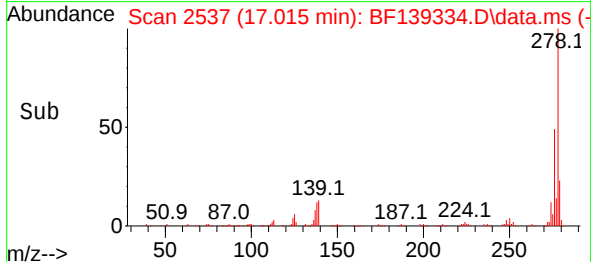
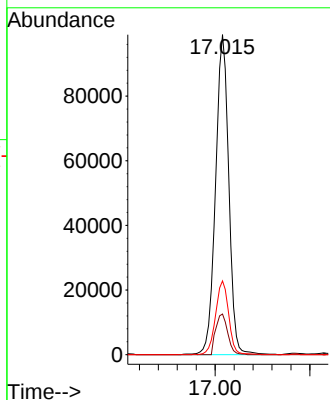
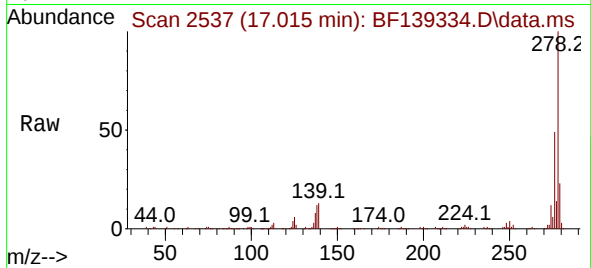




#91
Dibenzo(a,h)anthracene
Concen: 47.503 ng
RT: 17.015 min Scan# 2537
Delta R.T. -0.018 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

Tgt Ion:278 Resp: 191567
Ion Ratio Lower Upper
278 100
139 12.7 12.6 19.0
279 23.0 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 41.142 ng
RT: 17.445 min Scan# 2610
Delta R.T. -0.018 min
Lab File: BF139334.D
Acq: 11 Sep 2024 19:07

Tgt Ion:276 Resp: 171264
Ion Ratio Lower Upper
276 100
277 22.3 18.6 27.8
138 15.3 17.4 26.0#

