

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138044.D
 Acq On : 28 May 2024 13:40
 Operator : CG\JU
 Sample : P2612-10MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11933MS

Quant Time: May 28 14:11:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	149042	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	582595	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	310598	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	440467	20.000	ng	0.00
76) Chrysene-d12	14.233	240	282935	20.000	ng	0.00
86) Perylene-d12	15.798	264	282169	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	801332	91.329	ng	0.00
7) Phenol-d6	6.657	99	990802	91.670	ng	0.00
23) Nitrobenzene-d5	7.598	82	593197	59.921	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	275372	87.929	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1141141	56.594	ng	0.00
79) Terphenyl-d14	13.163	244	847700	44.156	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.016	88	136908	36.018	ng	99
3) Pyridine	3.769	79	330714	38.776	ng	99
4) n-Nitrosodimethylamine	3.734	42	154476	41.057	ng	96
6) Aniline	6.698	93	320708	33.174	ng	100
8) 2-Chlorophenol	6.822	128	408085	42.977	ng	98
9) Benzaldehyde	6.587	77	60525	10.350	ng	97
10) Phenol	6.669	94	463845	42.517	ng	99
11) bis(2-Chloroethyl)ether	6.769	93	352232	42.050	ng	98
12) 1,3-Dichlorobenzene	6.975	146	439629	40.016	ng	98
13) 1,4-Dichlorobenzene	7.051	146	445857	40.431	ng	98
14) 1,2-Dichlorobenzene	7.204	146	430151	41.446	ng	99
15) Benzyl Alcohol	7.175	79	325236	45.063	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.298	45	447812	43.491	ng	98
17) 2-Methylphenol	7.281	107	323142	42.673	ng	98
18) Hexachloroethane	7.545	117	151667	40.644	ng	96
19) n-Nitroso-di-n-propyla...	7.439	70	261629	43.085	ng	99
20) 3+4-Methylphenols	7.428	107	413110	41.642	ng	95
22) Acetophenone	7.439	105	552271	42.316	ng	# 97
24) Nitrobenzene	7.616	77	394741	39.306	ng	97
25) Isophorone	7.851	82	723506	42.110	ng	99
26) 2-Nitrophenol	7.934	139	225880	44.763	ng	97
27) 2,4-Dimethylphenol	7.957	122	296104	45.577	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	437121	41.978	ng	99
29) 2,4-Dichlorophenol	8.175	162	349371	42.764	ng	95
30) 1,2,4-Trichlorobenzene	8.257	180	371780	40.758	ng	98
31) Naphthalene	8.345	128	1316969	44.958	ng	100
32) Benzoic acid	8.081	122	250753	45.658	ng	96
33) 4-Chloroaniline	8.381	127	153355	15.970	ng	98
34) Hexachlorobutadiene	8.451	225	224962	38.963	ng	98
35) Caprolactam	8.763	113	90061	38.050	ng	91
36) 4-Chloro-3-methylphenol	8.863	107	352797	42.450	ng	97
37) 2-Methylnaphthalene	9.034	142	796073	42.278	ng	98
38) 1-Methylnaphthalene	9.134	142	723605	39.090	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	371415	43.986	ng	99
41) Hexachlorocyclopentadiene	9.186	237	276317	86.120	ng	100
43) 2,4,6-Trichlorophenol	9.310	196	246093	44.450	ng	98

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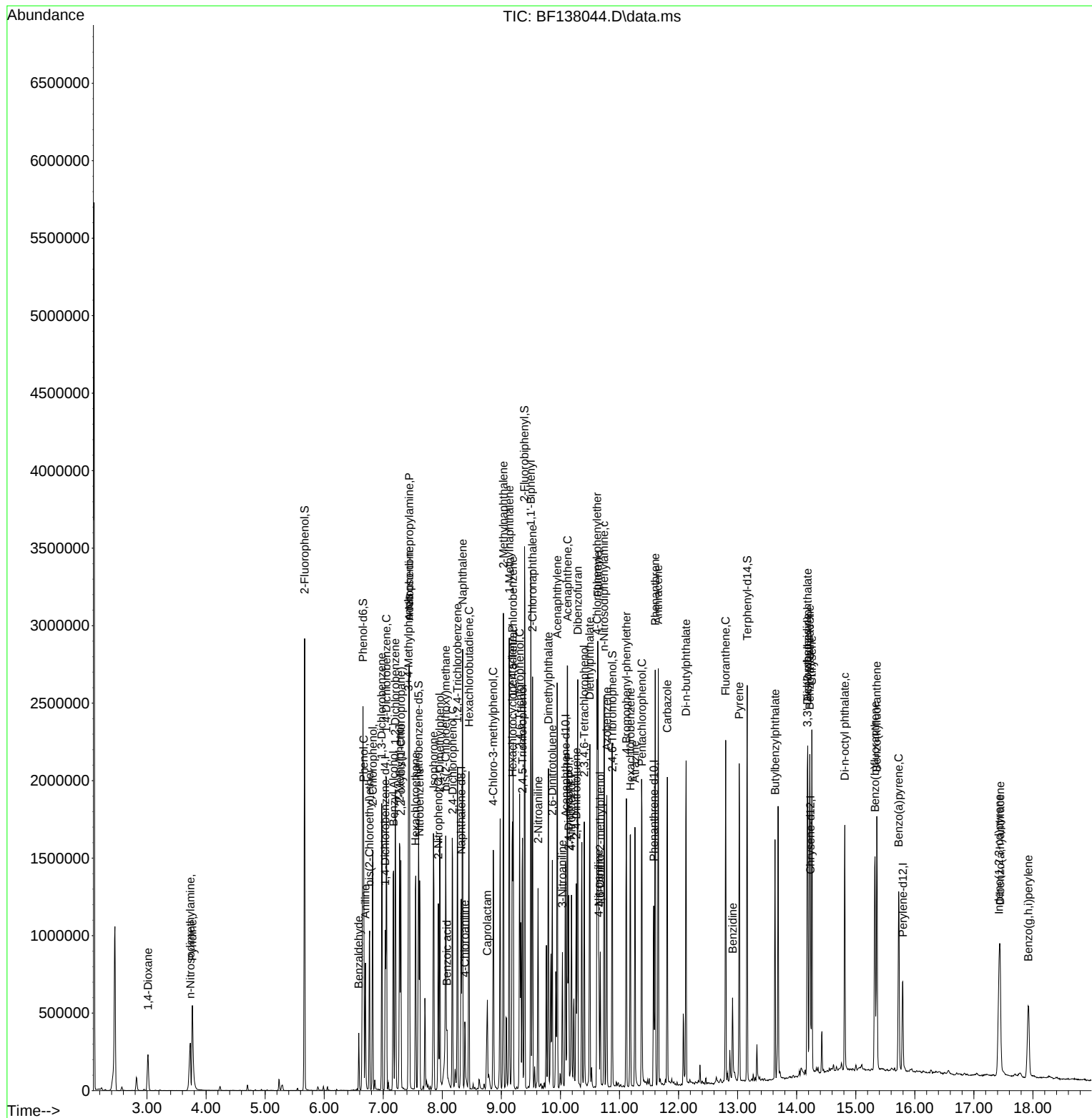
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.357	196	256687	42.372	ng	99
46) 1,1'-Biphenyl	9.498	154	941328	43.210	ng	99
47) 2-Chloronaphthalene	9.528	162	719588	41.379	ng	98
48) 2-Nitroaniline	9.622	65	191891	43.091	ng	97
49) Acenaphthylene	9.945	152	1115158	44.598	ng	99
50) Dimethylphthalate	9.798	163	868320	44.582	ng	100
51) 2,6-Dinitrotoluene	9.863	165	188386	42.142	ng	94
52) Acenaphthene	10.122	154	731529	44.263	ng	99
53) 3-Nitroaniline	10.033	138	141990	32.491	ng	98
54) 2,4-Dinitrophenol	10.139	184	166259	69.816	ng	# 82
55) Dibenzofuran	10.292	168	1005028	41.786	ng	98
56) 4-Nitrophenol	10.186	139	239162	76.196	ng	98
57) 2,4-Dinitrotoluene	10.269	165	243415	42.121	ng	95
58) Fluorene	10.633	166	776707	40.827	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	198984	41.812	ng	98
60) Diethylphthalate	10.498	149	794547	43.680	ng	100
61) 4-Chlorophenyl-phenyle...	10.622	204	389628	41.530	ng	96
62) 4-Nitroaniline	10.651	138	152937	36.897	ng	97
63) Azobenzene	10.786	77	689844	41.693	ng	97
65) 4,6-Dinitro-2-methylph...	10.675	198	115062	45.242	ng	91
66) n-Nitrosodiphenylamine	10.739	169	663098	49.090	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	228442	47.309	ng	97
68) Hexachlorobenzene	11.186	284	233047	43.661	ng	99
69) Atrazine	11.263	200	205871	55.814	ng	98
70) Pentachlorophenol	11.380	266	255751	81.798	ng	97
71) Phenanthrene	11.604	178	934888	43.071	ng	100
72) Anthracene	11.657	178	946059	43.929	ng	100
73) Carbazole	11.810	167	783081	39.805	ng	99
74) Di-n-butylphthalate	12.127	149	1027299	47.053	ng	100
75) Fluoranthene	12.798	202	834349	37.870	ng	100
77) Benzidine	12.916	184	234495	63.417	ng	99
78) Pyrene	13.027	202	831881	33.616	ng	99
80) Butylbenzylphthalate	13.633	149	328627	44.027	ng	99
81) Benzo(a)anthracene	14.221	228	788452	44.047	ng	99
82) 3,3'-Dichlorobenzidine	14.180	252	212677	42.872	ng	98
83) Chrysene	14.257	228	742003	43.343	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	490920	52.320	ng	99
85) Di-n-octyl phthalate	14.816	149	807969	63.740	ng	99
87) Indeno(1,2,3-cd)pyrene	17.427	276	590521	32.574	ng	99
88) Benzo(b)fluoranthene	15.327	252	742463	45.445	ng	99
89) Benzo(k)fluoranthene	15.357	252	735884	45.849	ng	99
90) Benzo(a)pyrene	15.727	252	645057	46.238	ng	98
91) Dibenzo(a,h)anthracene	17.445	278	485211	32.395	ng	99
92) Benzo(g,h,i)perylene	17.921	276	436842	27.763	ng	99

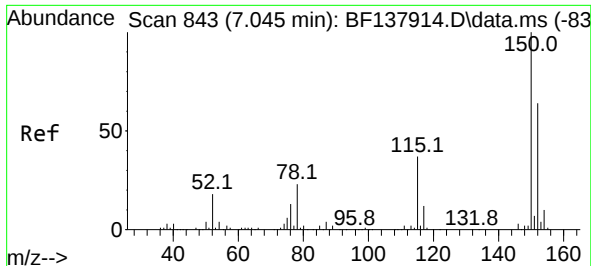
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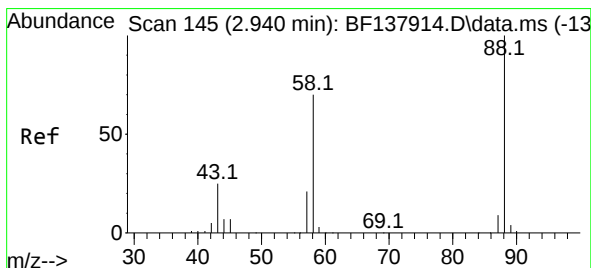
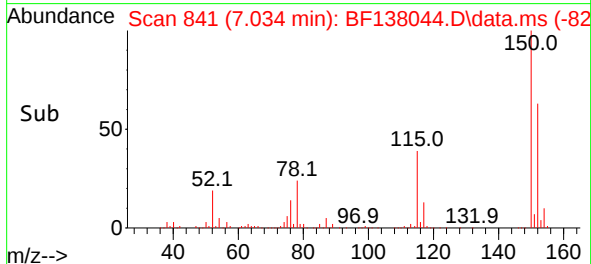
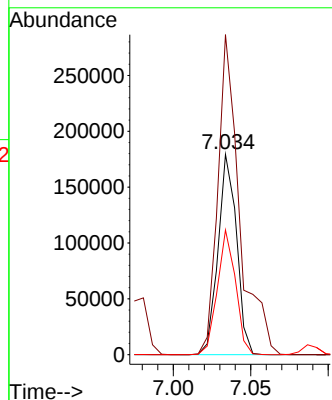
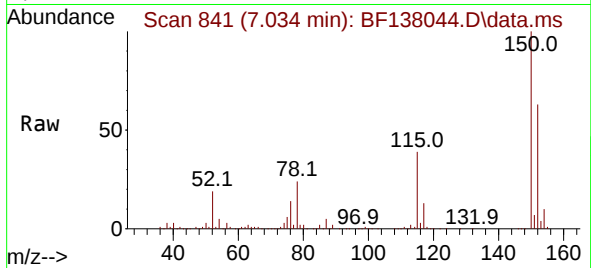




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138044.D
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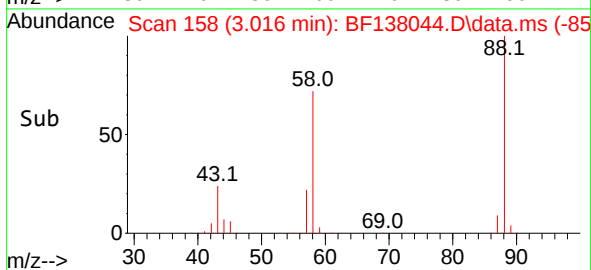
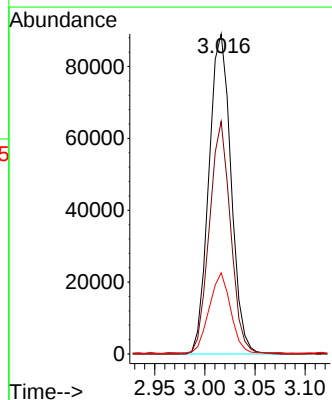
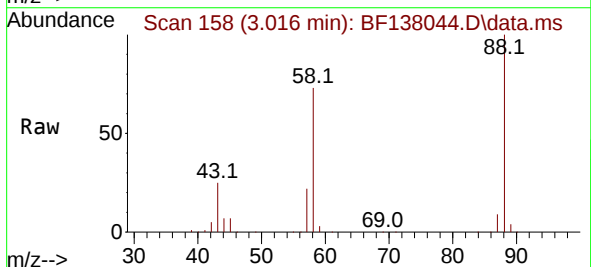
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ClientSampleId :
72-11933MS

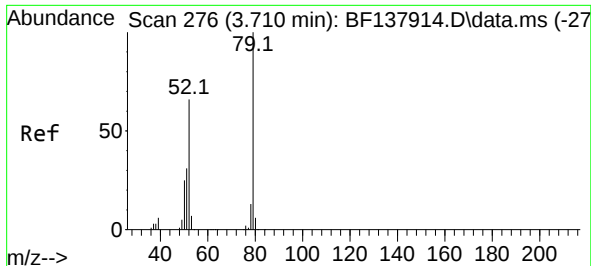
Tgt Ion:152 Resp: 149042
Ion Ratio Lower Upper
152 100
150 159.7 125.7 188.5
115 62.2 47.0 70.6



#2
1,4-Dioxane
Concen: 36.018 ng
RT: 3.016 min Scan# 158
Delta R.T. 0.077 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion: 88 Resp: 136908
Ion Ratio Lower Upper
88 100
58 69.5 54.4 81.6
43 24.6 19.6 29.4

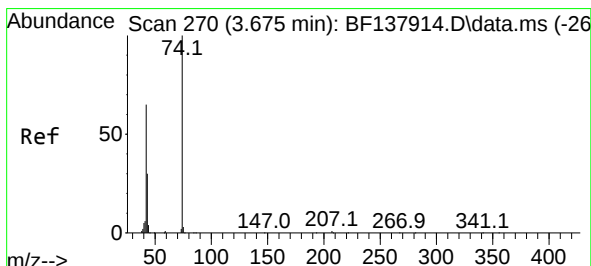
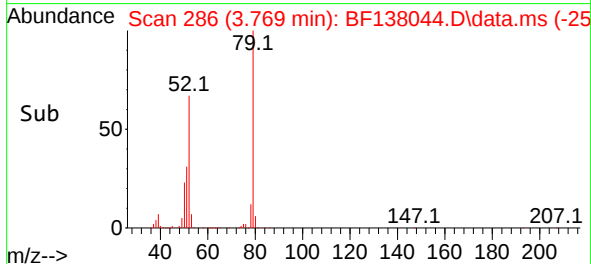
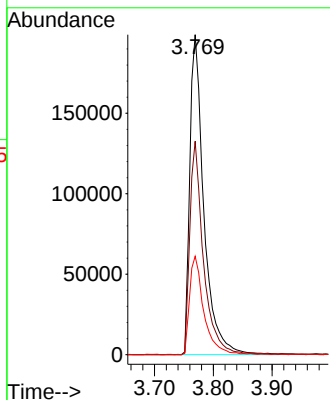
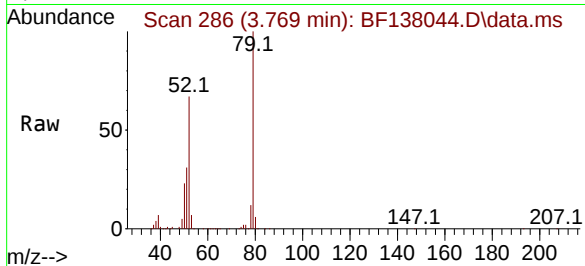




#3
Pyridine
Concen: 38.776 ng
RT: 3.769 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

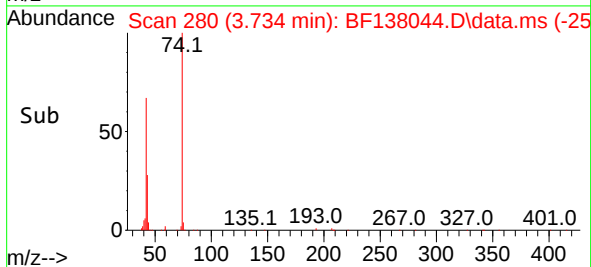
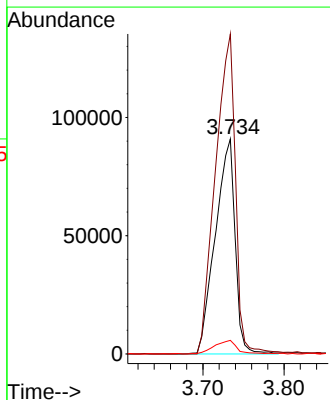
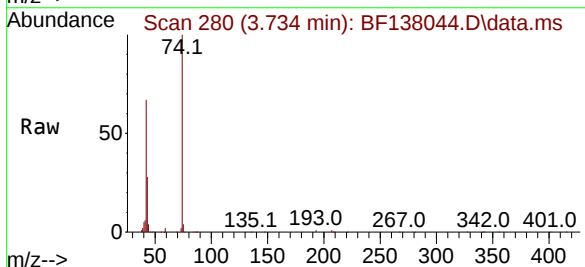
Instrument :
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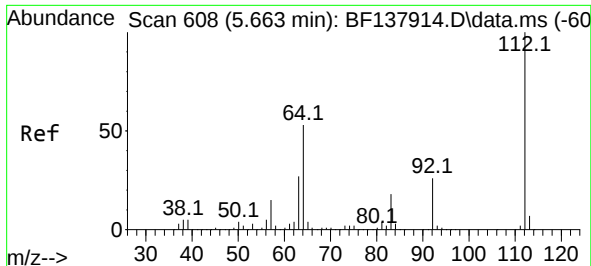
Tgt Ion: 79 Resp: 330714
Ion Ratio Lower Upper
79 100
52 66.7 52.5 78.7
51 30.7 25.1 37.7



#4
n-Nitrosodimethylamine
Concen: 41.057 ng
RT: 3.734 min Scan# 280
Delta R.T. 0.059 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion: 42 Resp: 154476
Ion Ratio Lower Upper
42 100
74 148.8 123.1 184.7
44 6.3 5.0 7.6

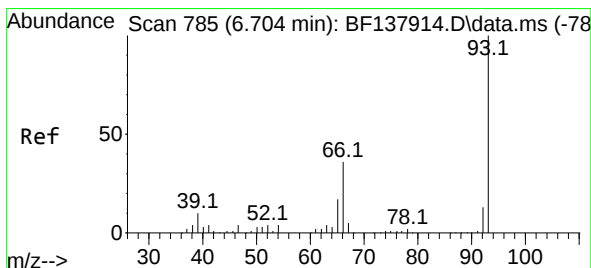
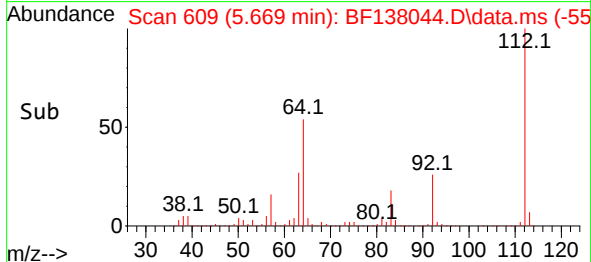
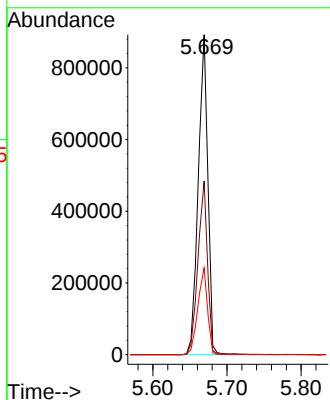
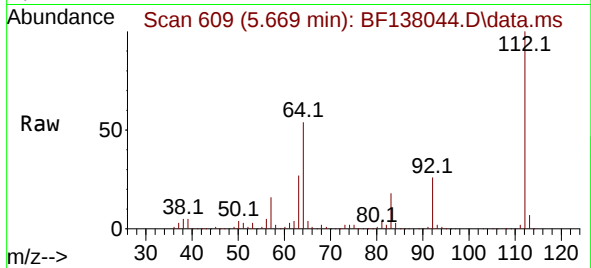




#5
2-Fluorophenol
Concen: 91.329 ng
RT: 5.669 min Scan# 608
Delta R.T. 0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

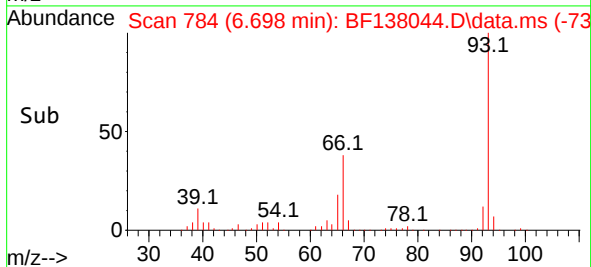
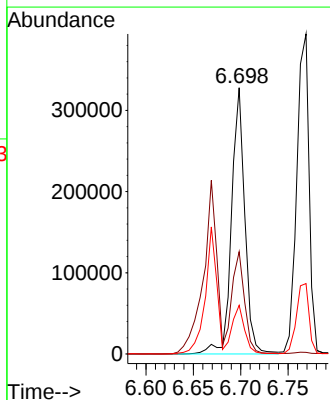
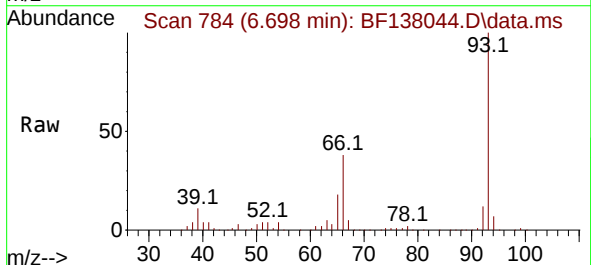
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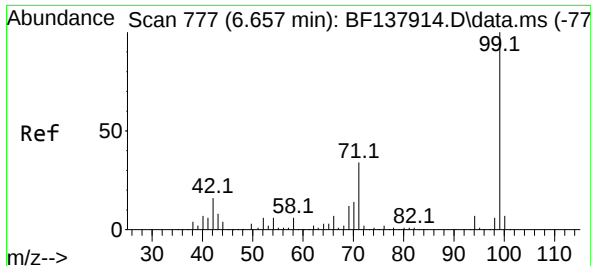
Tgt Ion:112 Resp: 801332
Ion Ratio Lower Upper
112 100
64 54.3 42.4 63.6
63 27.1 21.4 32.2



#6
Aniline
Concen: 33.174 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion: 93 Resp: 320708
Ion Ratio Lower Upper
93 100
66 38.4 30.7 46.1
65 18.3 15.0 22.4

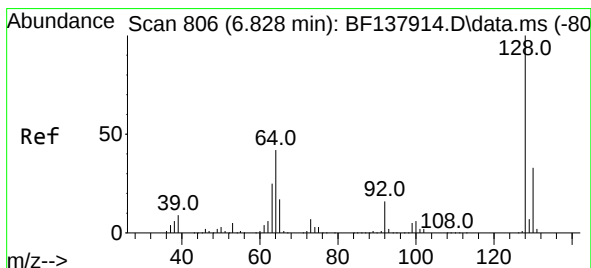
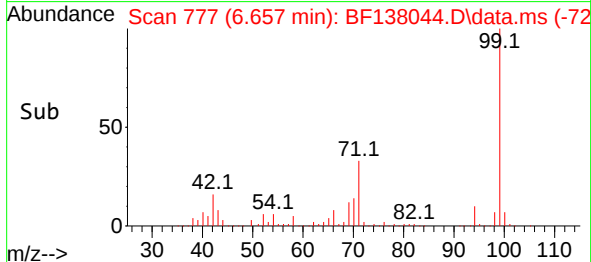
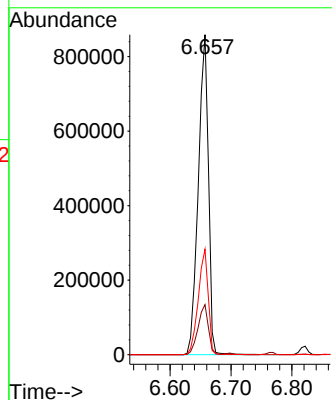
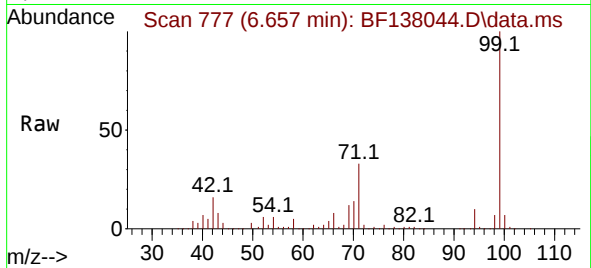




#7
Phenol-d6
Concen: 91.670 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138044.D
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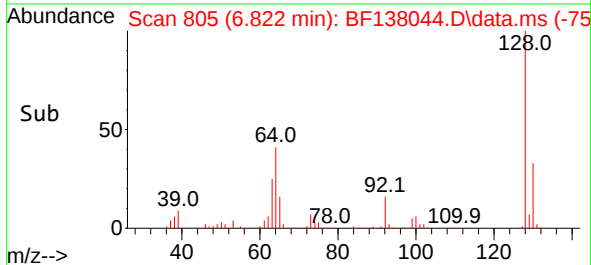
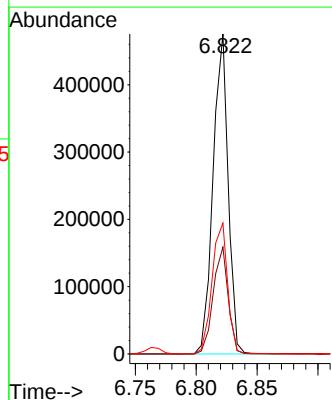
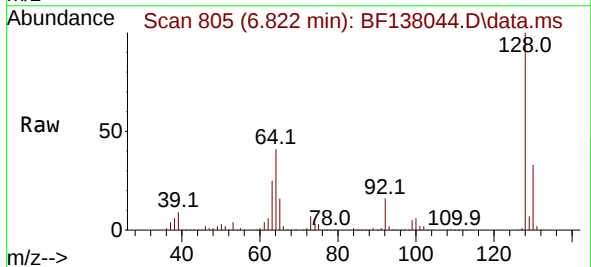
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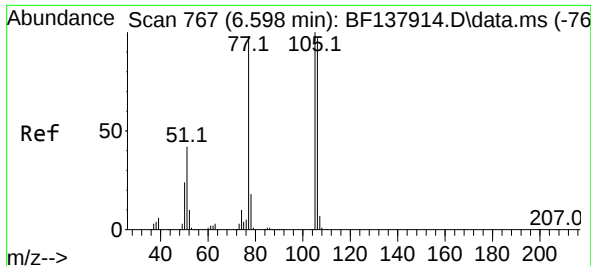
Tgt Ion: 99 Resp: 990802
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.0 27.1 40.7



#8
2-Chlorophenol
Concen: 42.977 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138044.D
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Tgt Ion:128 Resp: 408085
Ion Ratio Lower Upper
128 100
130 33.4 12.8 52.8
64 40.9 22.2 62.2

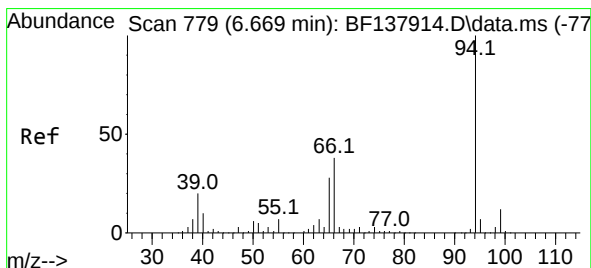
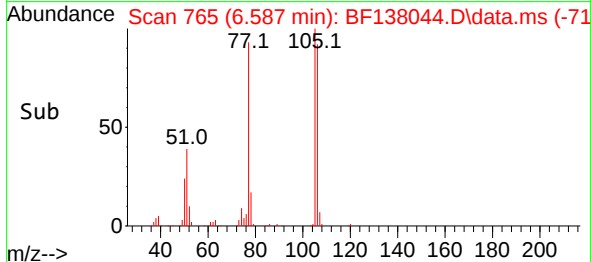
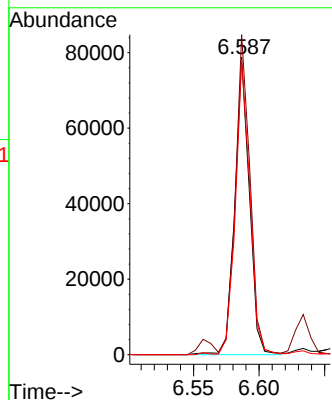
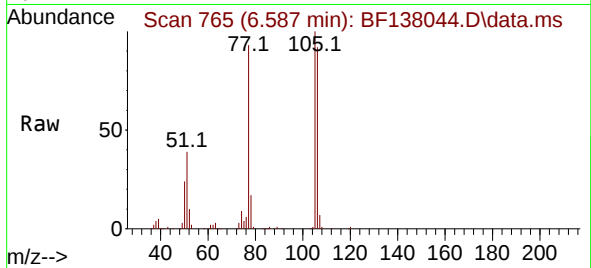




#9
Benzaldehyde
Concen: 10.350 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
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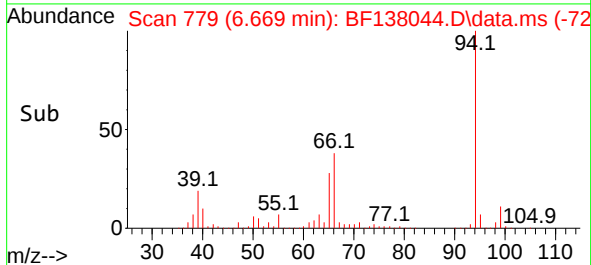
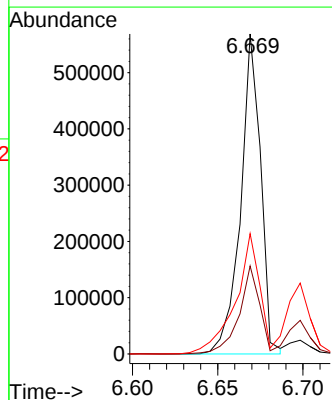
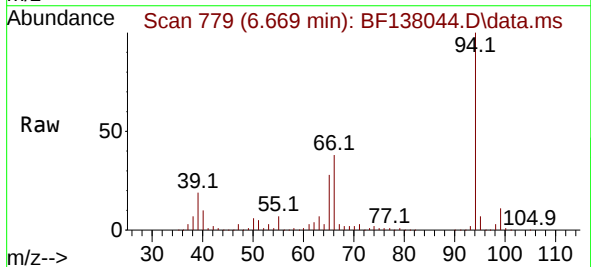
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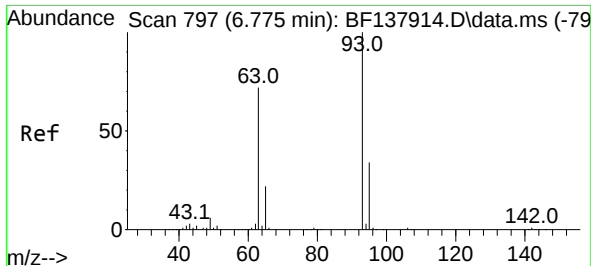
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Ion Ratio Lower Upper
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105 107.5 82.3 122.3
106 99.2 79.2 119.2



#10
Phenol
Concen: 42.517 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion: 94 Resp: 463845
Ion Ratio Lower Upper
94 100
65 27.5 7.8 47.8
66 37.6 18.6 58.6

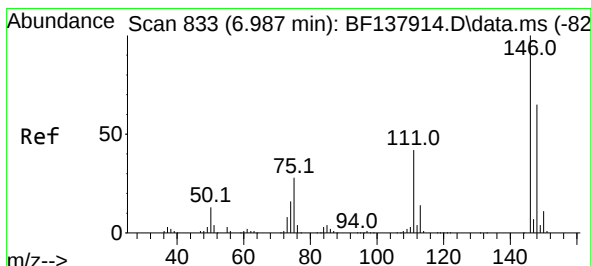
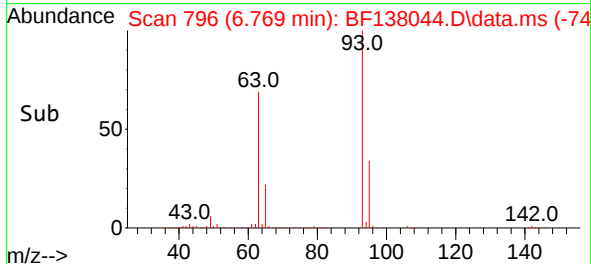
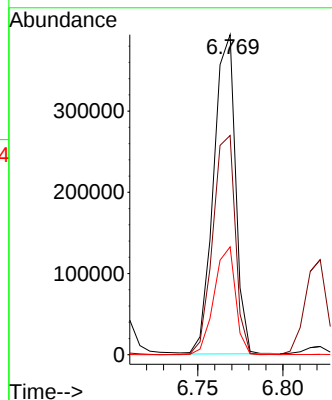
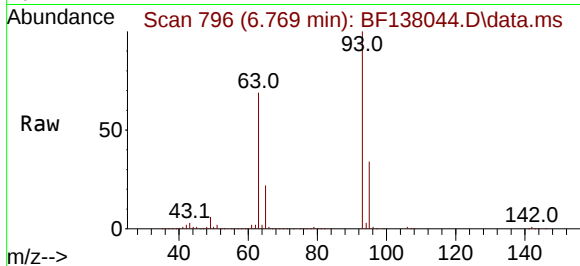




#11
bis(2-Chloroethyl)ether
Concen: 42.050 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

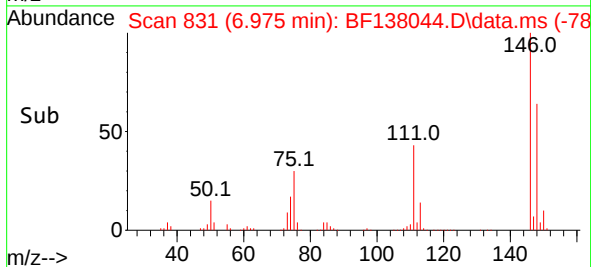
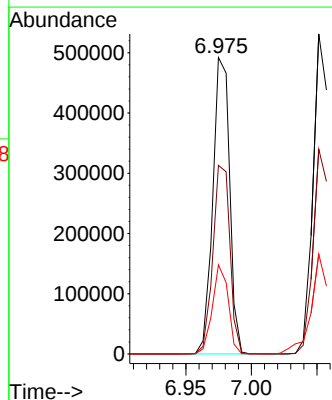
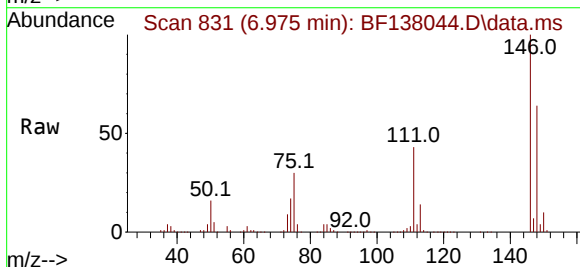
Instrument :
BNA_F
ClientSampleId :
72-11933MS

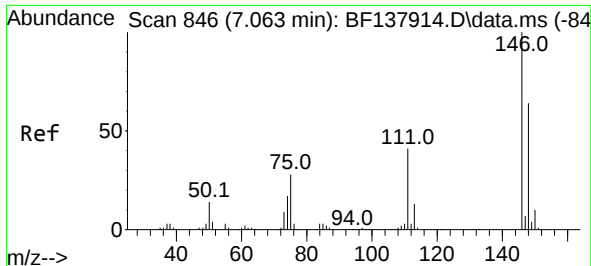
Tgt Ion: 93 Resp: 352232
Ion Ratio Lower Upper
93 100
63 68.5 51.4 91.4
95 33.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.016 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion: 146 Resp: 439629
Ion Ratio Lower Upper
146 100
148 63.6 51.7 77.5
75 30.0 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 40.431 ng

RT: 7.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

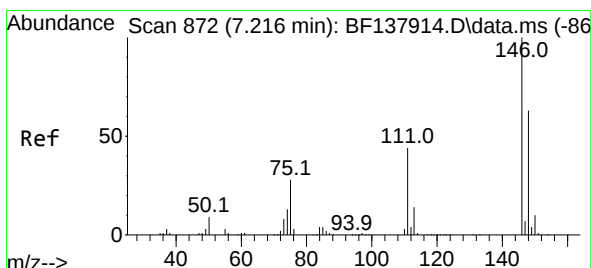
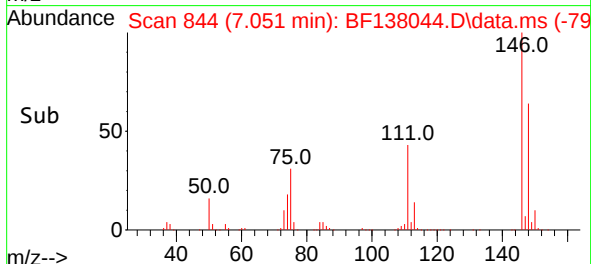
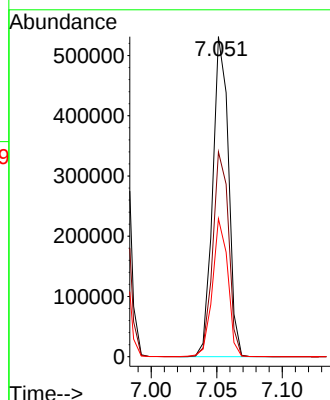
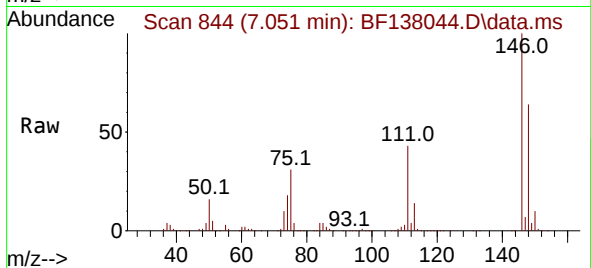
Tgt Ion:146 Resp: 445857

Ion Ratio Lower Upper

146 100

148 64.0 51.0 76.6

111 43.1 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 41.446 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

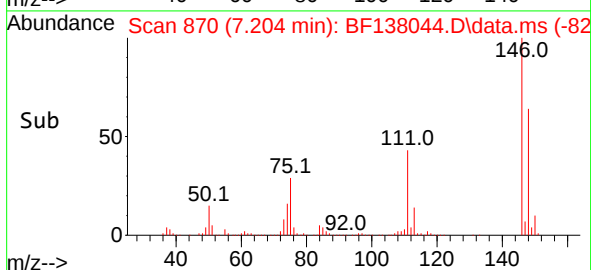
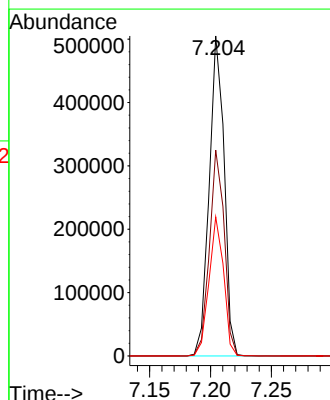
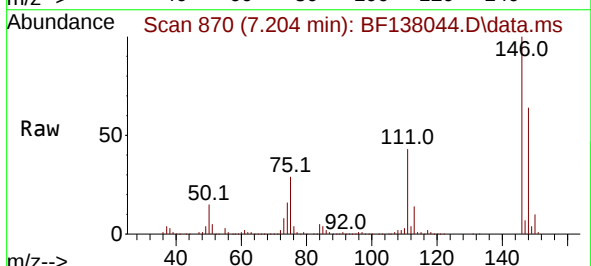
Tgt Ion:146 Resp: 430151

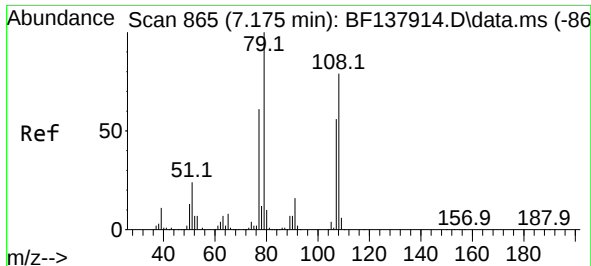
Ion Ratio Lower Upper

146 100

148 64.4 50.2 75.4

111 43.4 35.1 52.7

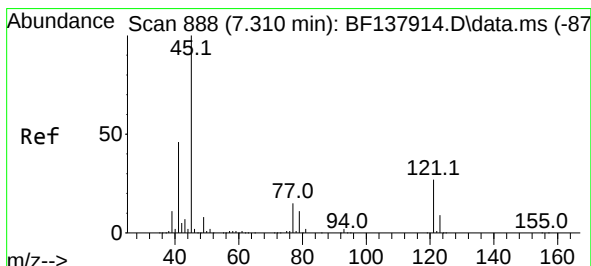
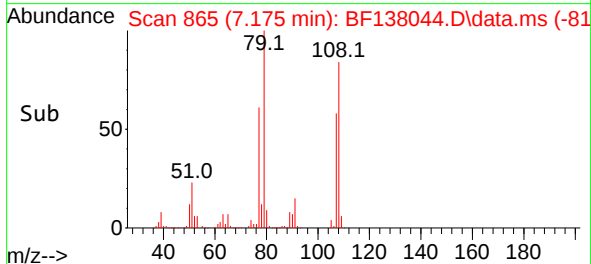
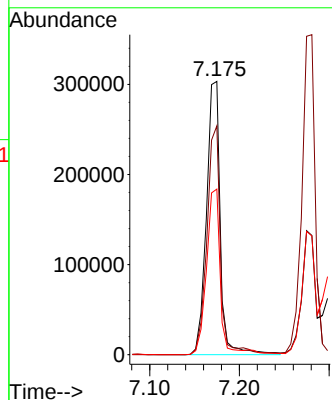
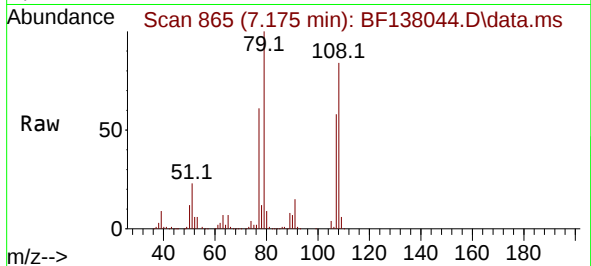




#15
Benzyl Alcohol
Concen: 45.063 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

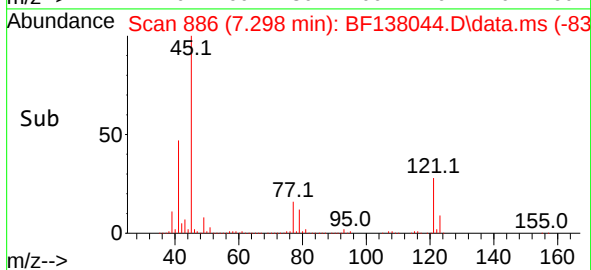
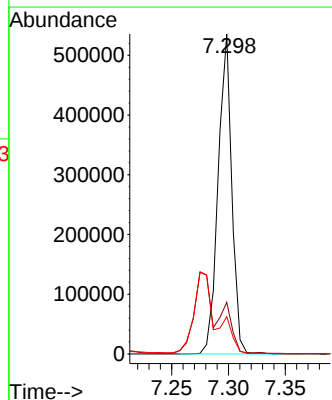
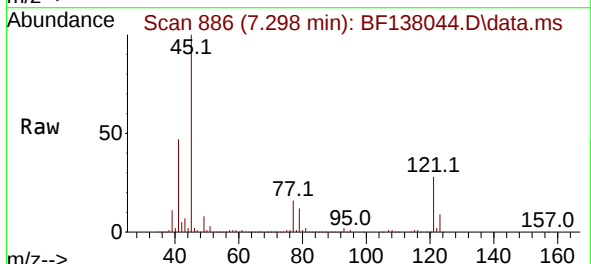
Instrument :
BNA_F
ClientSampleId :
72-11933MS

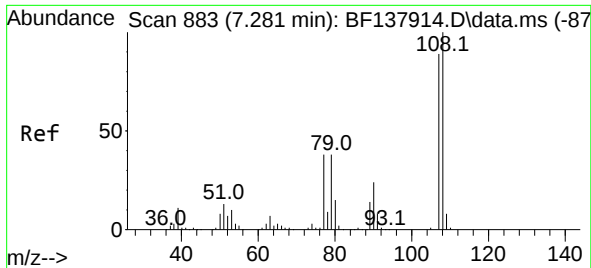
Tgt Ion: 79 Resp: 325236
Ion Ratio Lower Upper
79 100
108 83.7 62.8 94.2
77 60.6 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.491 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion: 45 Resp: 447812
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.3
79 11.7 0.0 32.1



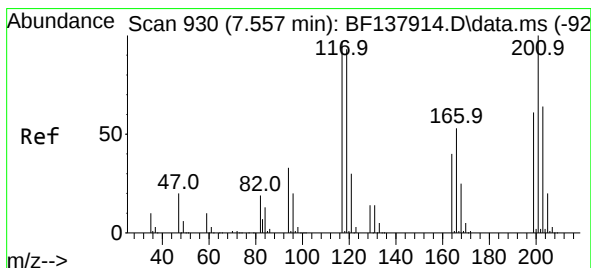
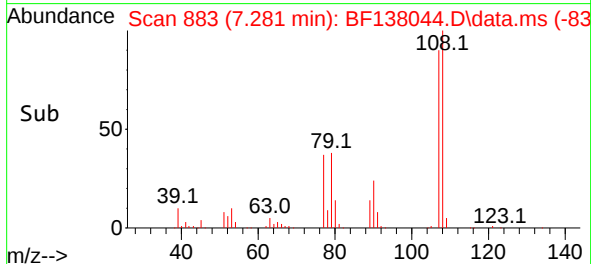
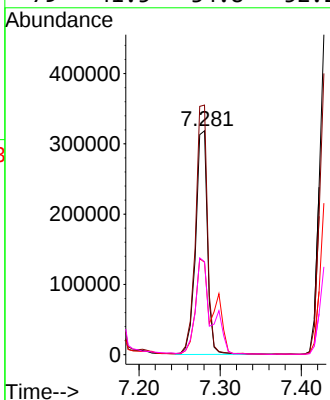
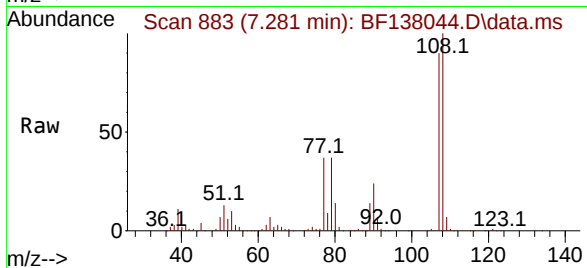


#17
2-Methylphenol
Concen: 42.673 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Instrument :
BNA_F
ClientSampleId :
72-11933MS

Tgt Ion:107 Resp: 323142

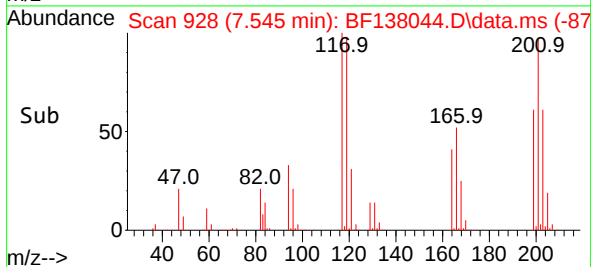
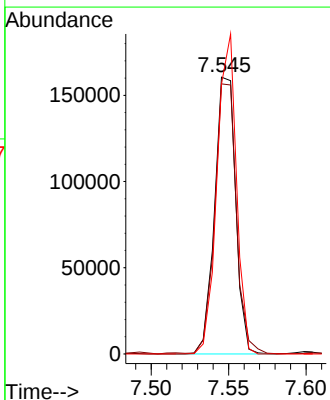
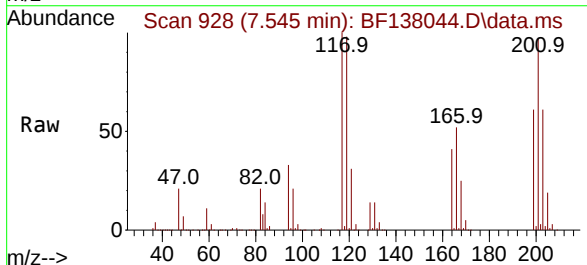
Ion	Ratio	Lower	Upper
107	100		
108	111.5	90.1	135.1
77	41.3	34.3	51.5
79	41.5	34.8	52.2

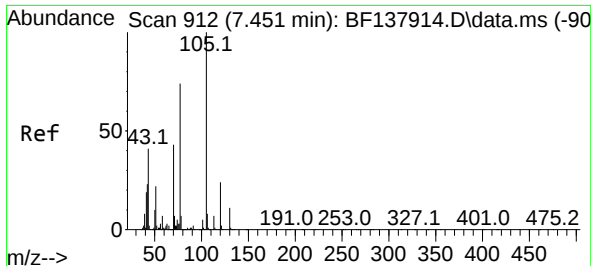


#18
Hexachloroethane
Concen: 40.644 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:117 Resp: 151667

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.8	115.2
201	97.5	82.7	124.1





#19

n-Nitroso-di-n-propylamine

Concen: 43.085 ng

RT: 7.439 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138044.D

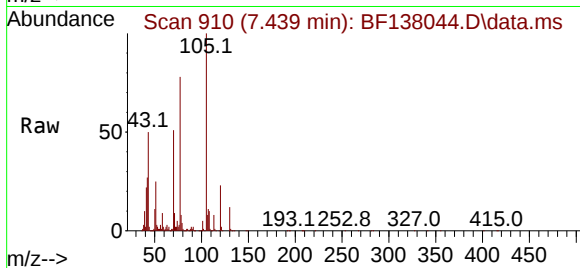
Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS



Tgt Ion: 70 Resp: 261629

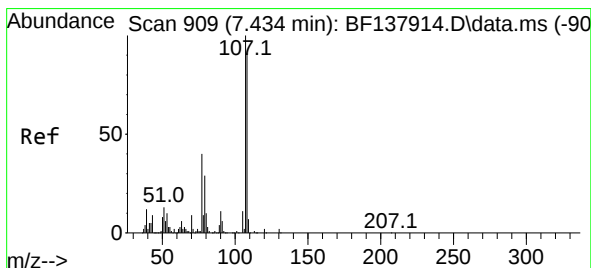
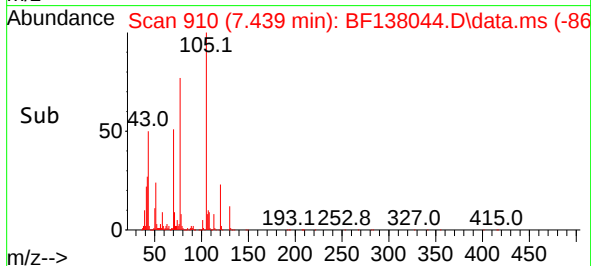
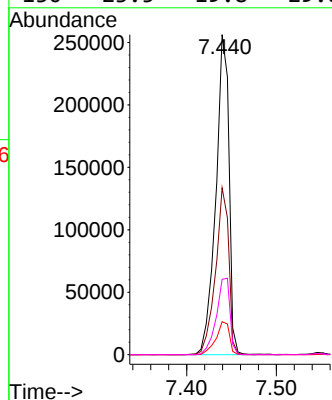
Ion Ratio Lower Upper

70 100

42 52.2 42.2 63.4

101 10.3 8.8 13.2

130 23.5 19.8 29.8



#20

3+4-Methylphenols

Concen: 41.642 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Tgt Ion: 107 Resp: 413110

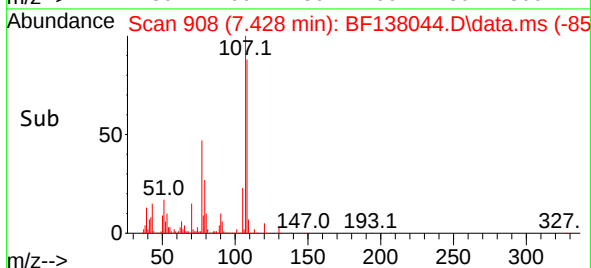
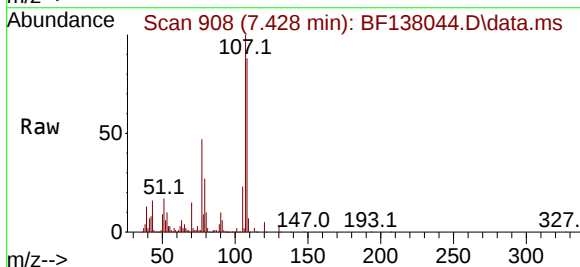
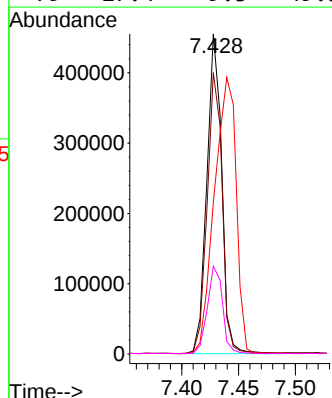
Ion Ratio Lower Upper

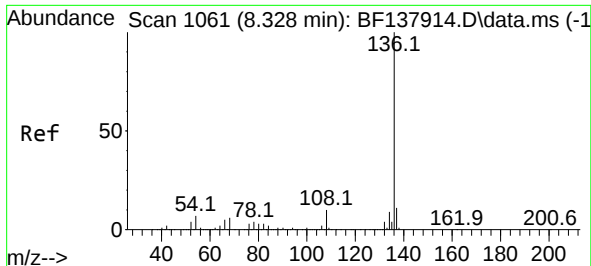
107 100

108 87.9 70.8 110.8

77 47.4 20.2 60.2

79 27.4 9.3 49.3

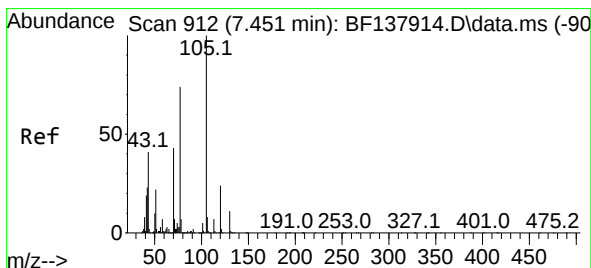
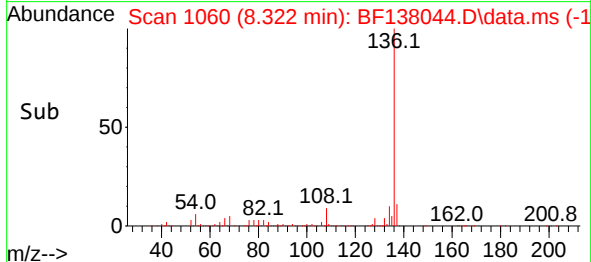
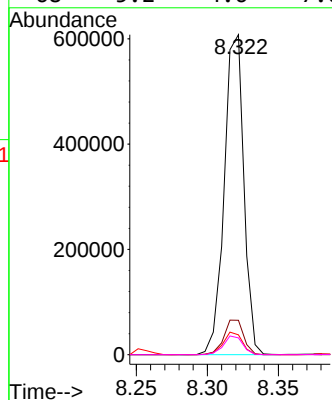
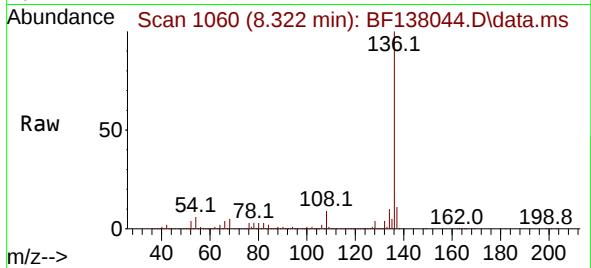




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

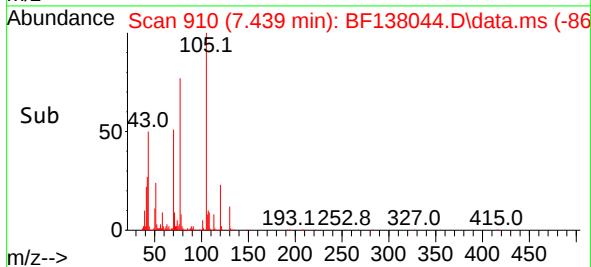
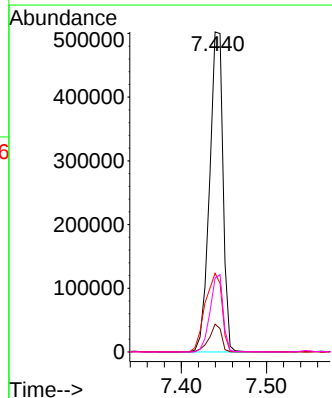
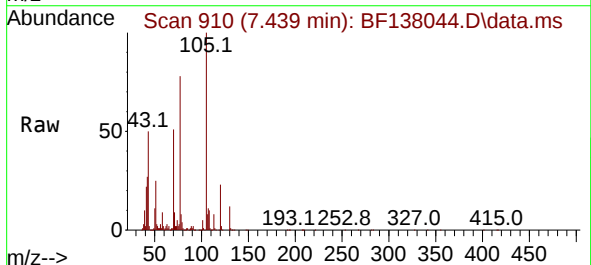
Instrument :
BNA_F
ClientSampleId :
72-11933MS

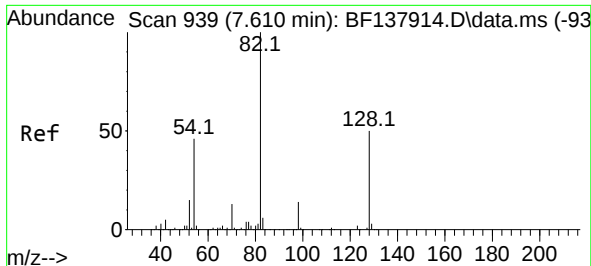
Tgt Ion:136 Resp: 582595
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.2 5.4 8.2
68 5.2 4.6 7.0



#22
Acetophenone
Concen: 42.316 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:105 Resp: 552271
Ion Ratio Lower Upper
105 100
71 8.7 5.7 8.5#
51 24.6 17.8 26.8
120 23.1 19.0 28.6





#23

Nitrobenzene-d5

Concen: 59.921 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

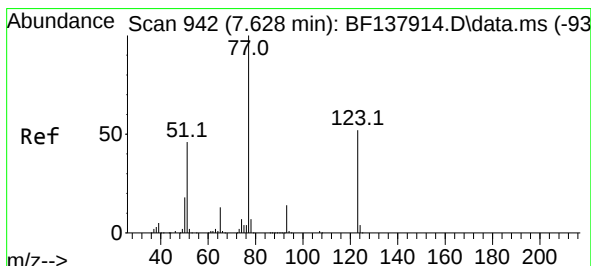
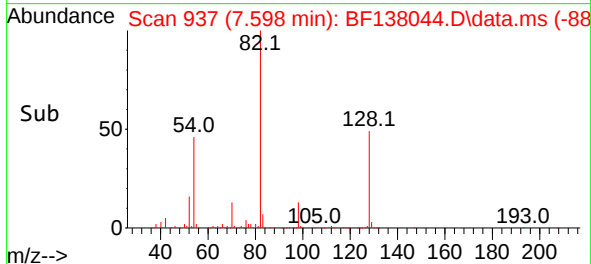
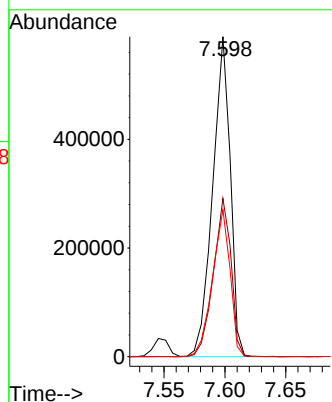
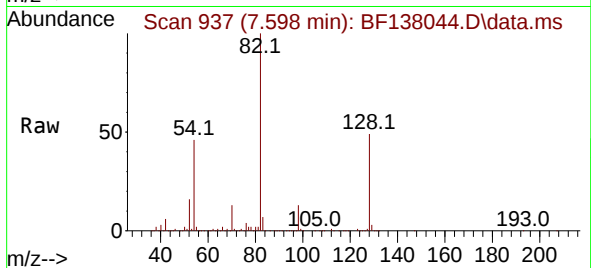
Tgt Ion: 82 Resp: 593197

Ion Ratio Lower Upper

82 100

128 49.5 40.3 60.5

54 46.0 36.8 55.2



#24

Nitrobenzene

Concen: 39.306 ng

RT: 7.616 min Scan# 940

Delta R.T. -0.012 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

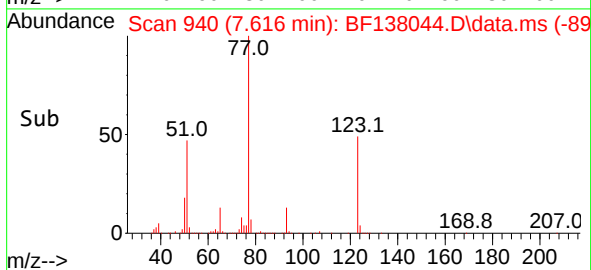
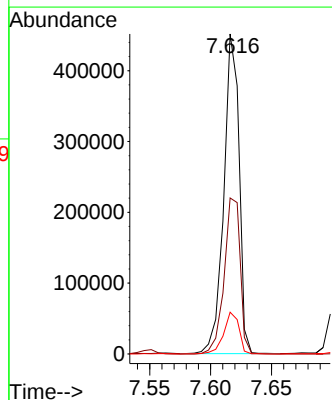
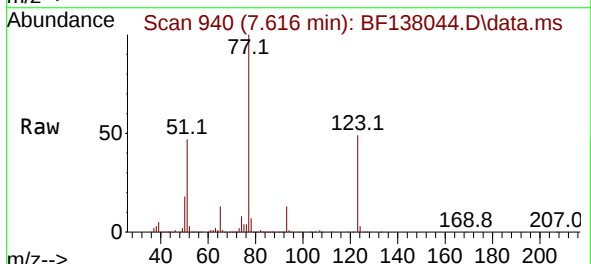
Tgt Ion: 77 Resp: 394741

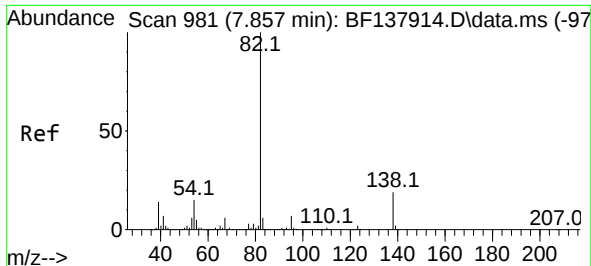
Ion Ratio Lower Upper

77 100

123 48.8 41.4 62.2

65 13.1 10.5 15.7

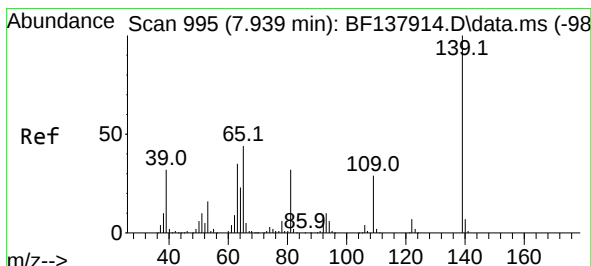
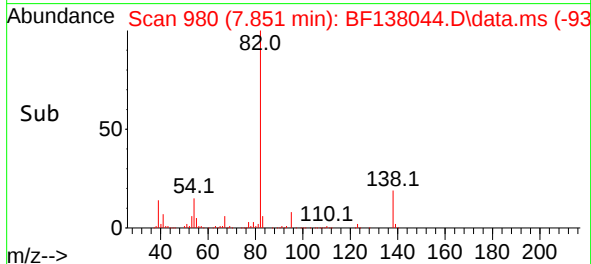
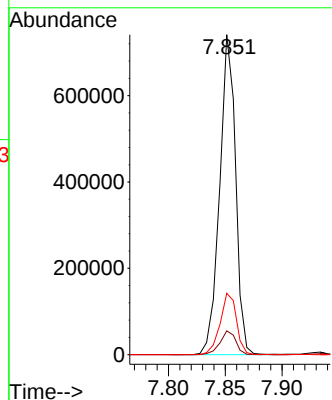
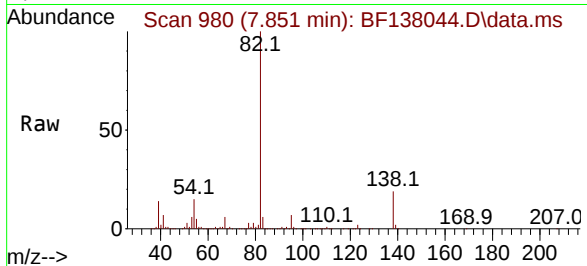




#25
Isophorone
Concen: 42.110 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

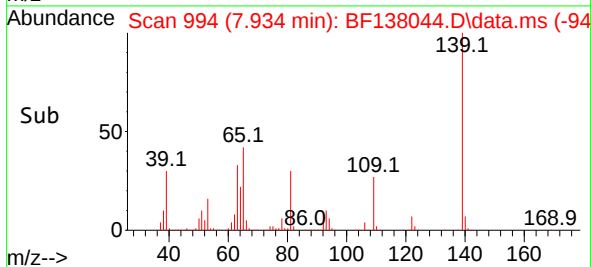
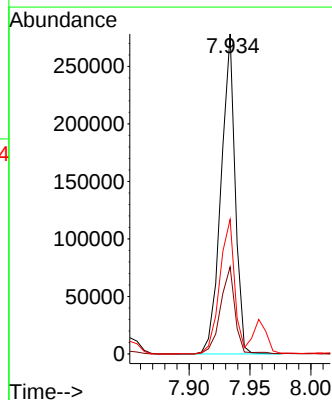
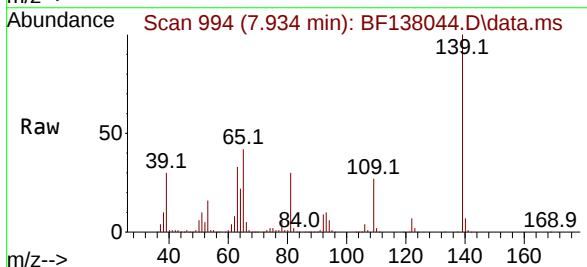
Instrument :
BNA_F
ClientSampleId :
72-11933MS

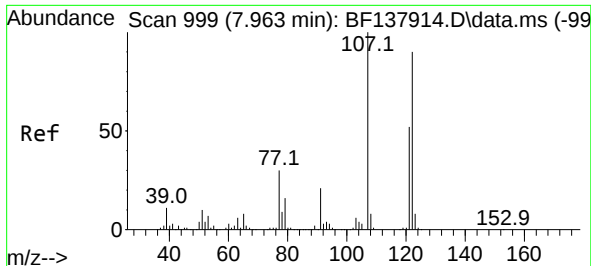
Tgt Ion: 82 Resp: 723506
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.2 15.0 22.4



#26
2-Nitrophenol
Concen: 44.763 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:139 Resp: 225880
Ion Ratio Lower Upper
139 100
109 27.2 22.8 34.2
65 42.0 35.2 52.8

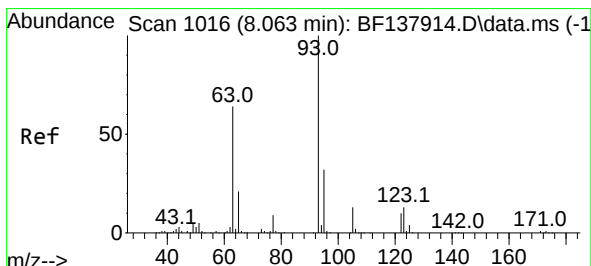
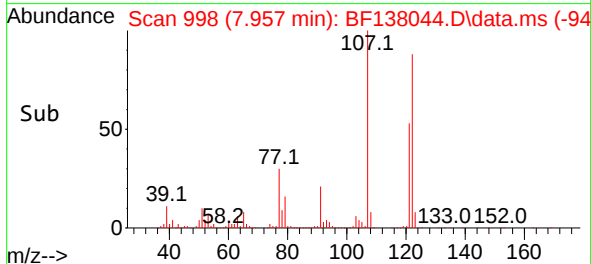
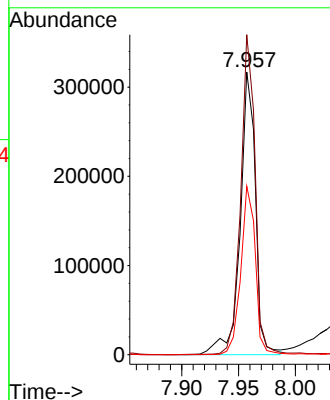
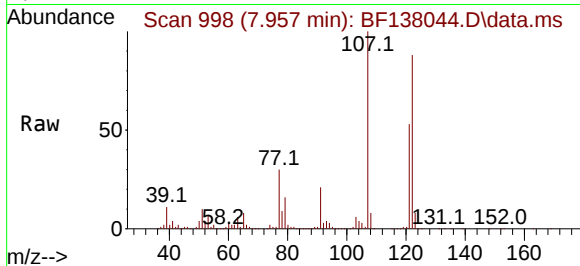




#27
2,4-Dimethylphenol
Concen: 45.577 ng
RT: 7.957 min Scan# 99
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

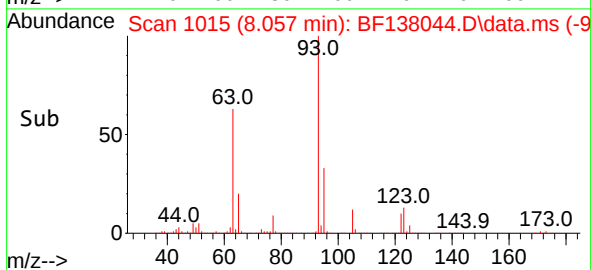
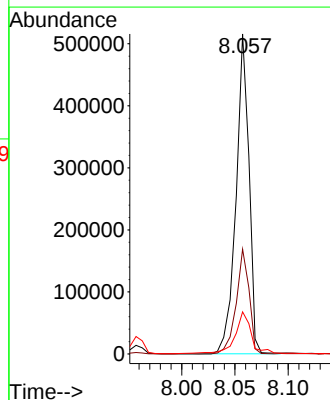
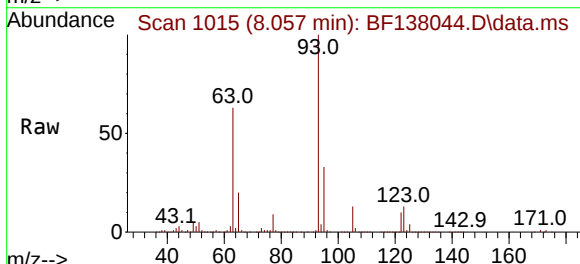
Instrument :
BNA_F
ClientSampleId :
72-11933MS

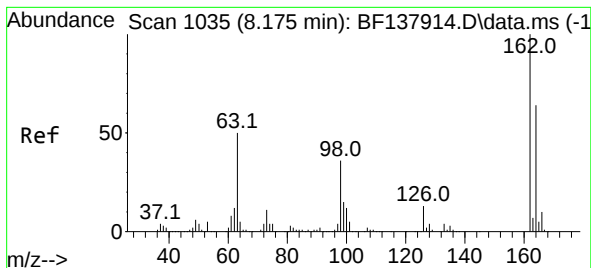
Tgt Ion:122 Resp: 296104
Ion Ratio Lower Upper
122 100
107 113.2 89.0 133.4
121 59.6 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.978 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion: 93 Resp: 437121
Ion Ratio Lower Upper
93 100
95 32.7 25.9 38.9
123 13.1 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 42.764 ng

RT: 8.175 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

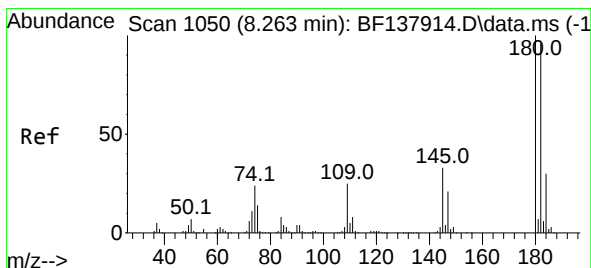
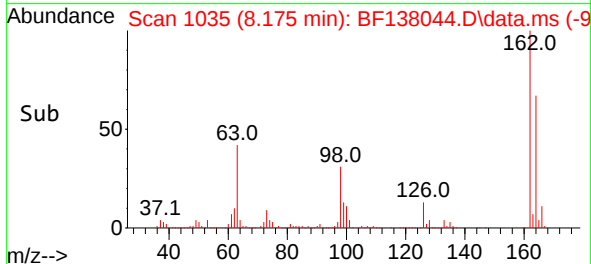
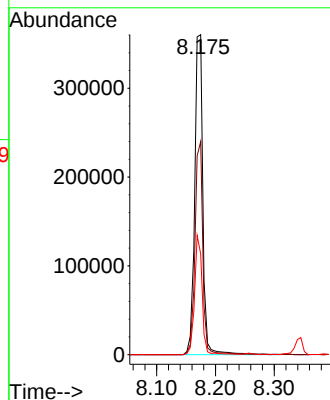
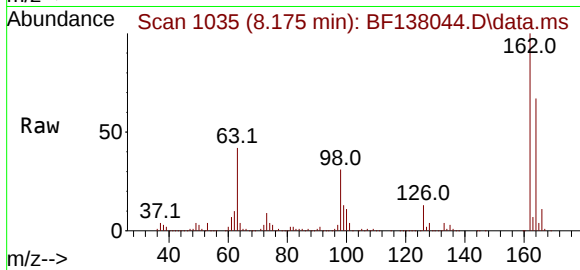
Tgt Ion:162 Resp: 349371

Ion Ratio Lower Upper

162 100

164 66.6 44.3 84.3

98 31.5 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 40.758 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

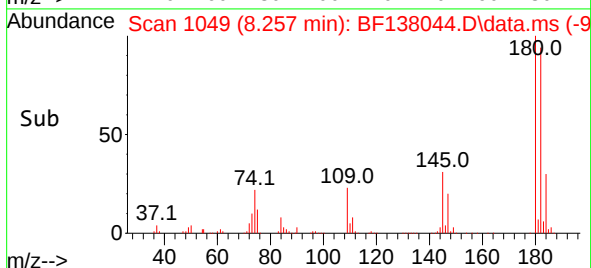
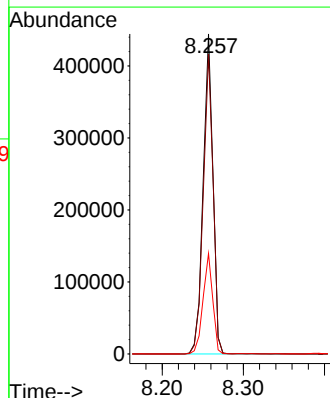
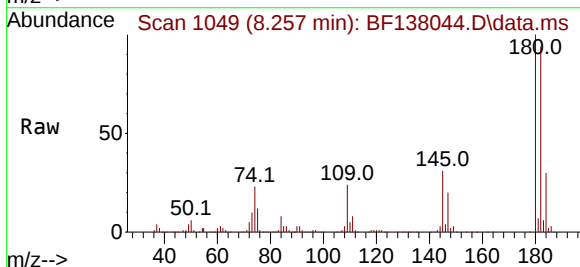
Tgt Ion:180 Resp: 371780

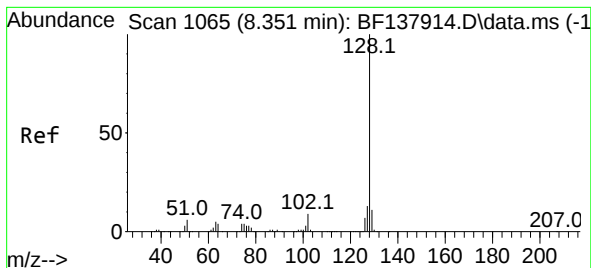
Ion Ratio Lower Upper

180 100

182 93.7 76.5 114.7

145 31.4 26.2 39.2





#31

Naphthalene

Concen: 44.958 ng

RT: 8.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

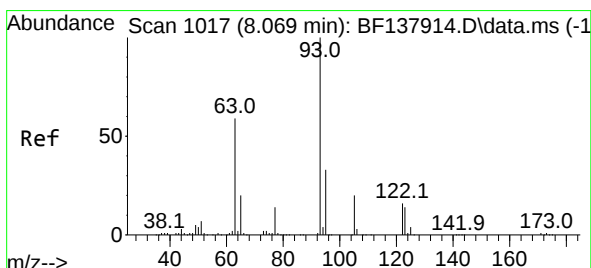
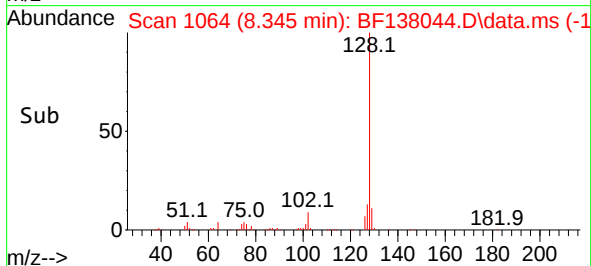
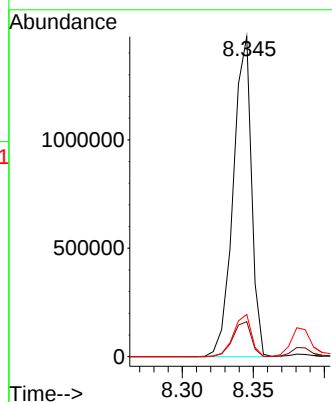
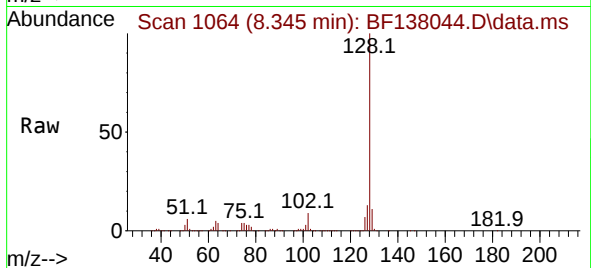
Tgt Ion:128 Resp: 1316969

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 45.658 ng

RT: 8.081 min Scan# 1019

Delta R.T. 0.012 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

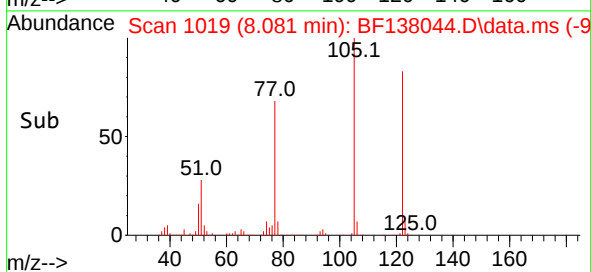
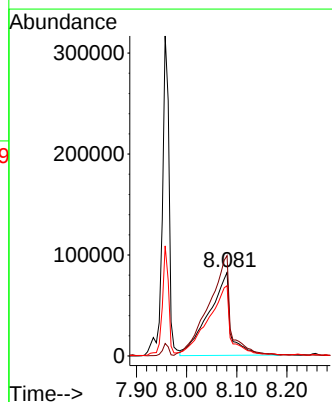
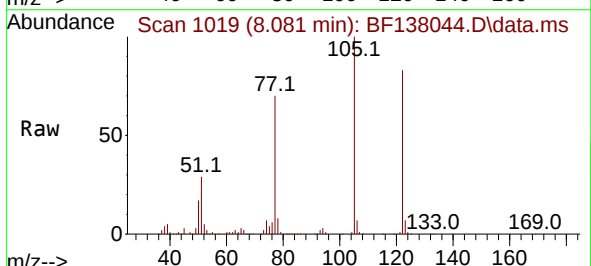
Tgt Ion:122 Resp: 250753

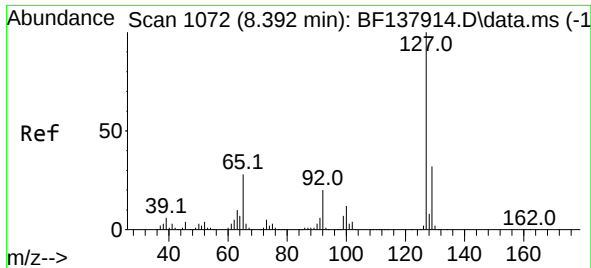
Ion Ratio Lower Upper

122 100

105 120.1 103.8 143.8

77 84.0 68.4 108.4

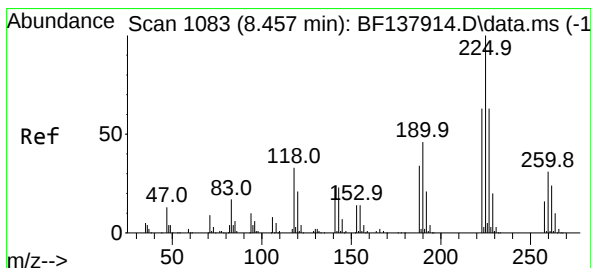
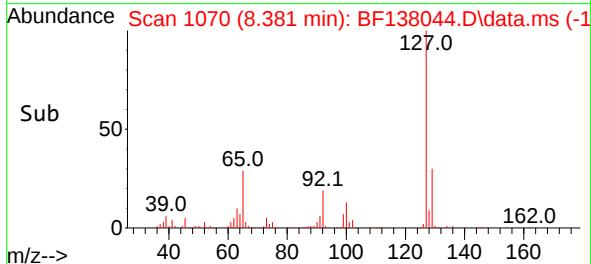
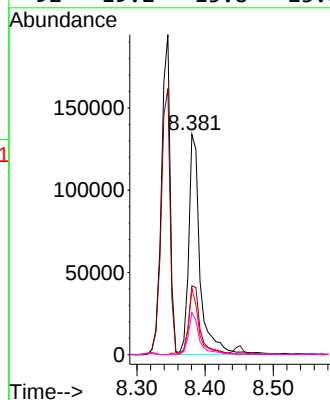
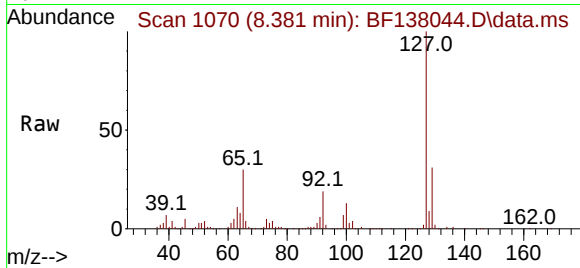




#33
4-Chloroaniline
Concen: 15.970 ng
RT: 8.381 min Scan# 1072
Delta R.T. -0.012 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

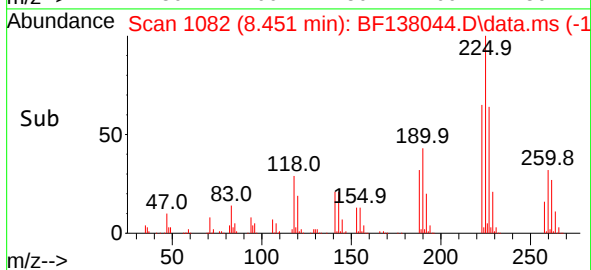
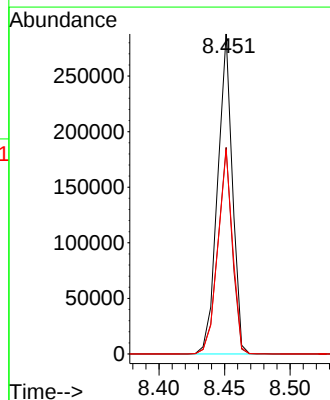
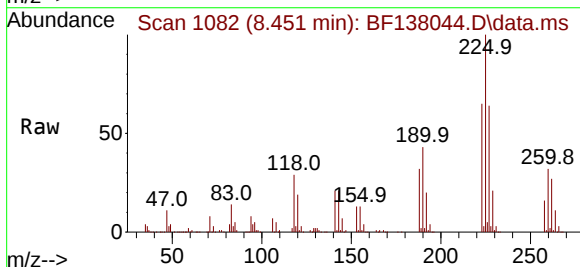
Instrument :
BNA_F
ClientSampleId :
72-11933MS

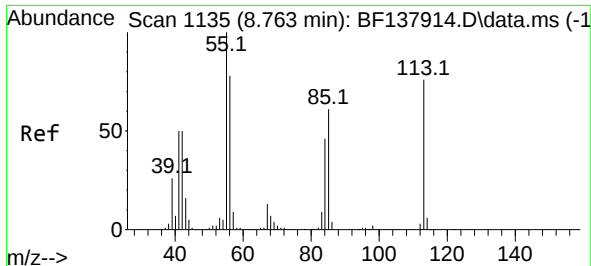
Tgt Ion:	127	Resp:	153355
Ion Ratio	Lower	Upper	
127	100		
129	31.2	25.4	38.2
65	29.9	22.0	33.0
92	19.2	15.8	23.8



#34
Hexachlorobutadiene
Concen: 38.963 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:	225	Resp:	224962
Ion Ratio	Lower	Upper	
225	100		
223	64.5	50.0	75.0
227	63.8	50.2	75.4

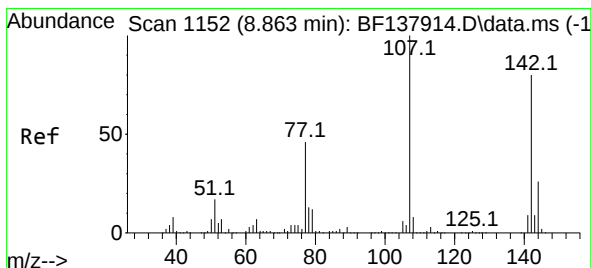
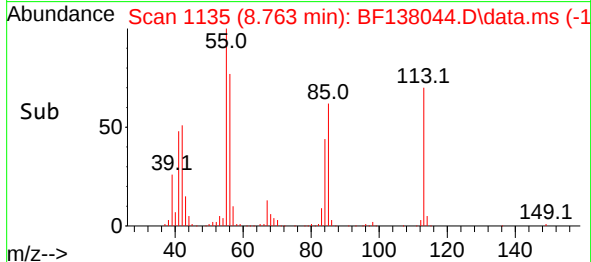
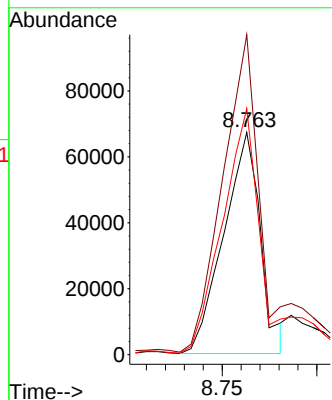
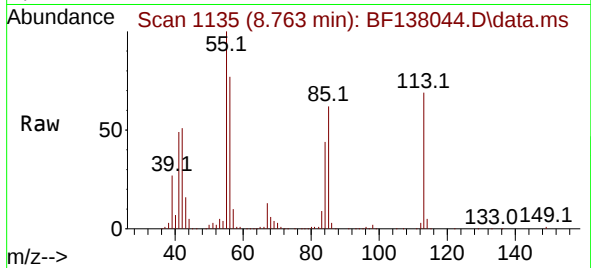




#35
 Caprolactam
 Concen: 38.050 ng
 RT: 8.763 min Scan# 1135
 Delta R.T. 0.000 min
 Lab File: BF138044.D
 Acq: 28 May 2024 13:40

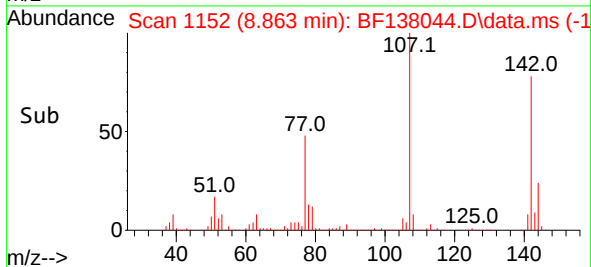
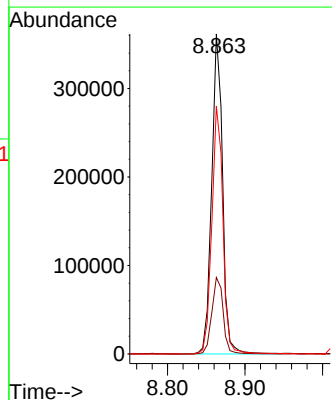
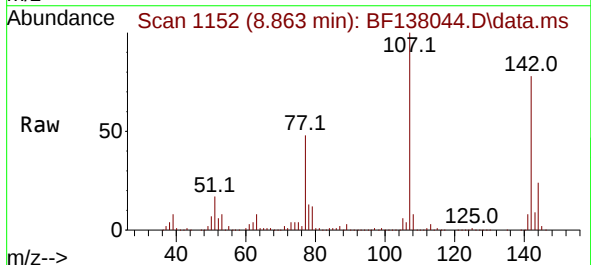
Instrument :
 BNA_F
 ClientSampleId :
 72-11933MS

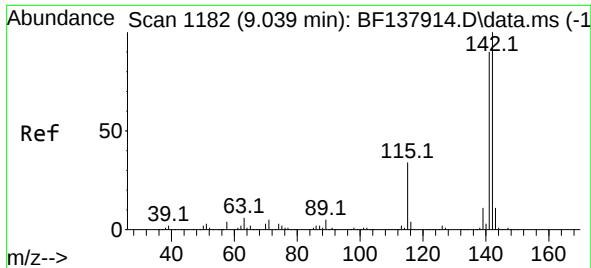
Tgt Ion:	113	Resp:	90061
Ion Ratio	Lower	Upper	
113	100		
55	143.9	112.3	152.3
56	110.7	82.7	122.7



#36
 4-Chloro-3-methylphenol
 Concen: 42.450 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF138044.D
 Acq: 28 May 2024 13:40

Tgt Ion:	107	Resp:	352797
Ion Ratio	Lower	Upper	
107	100		
144	23.9	20.7	31.1
142	77.5	64.0	96.0





#37

2-Methylnaphthalene

Concen: 42.278 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

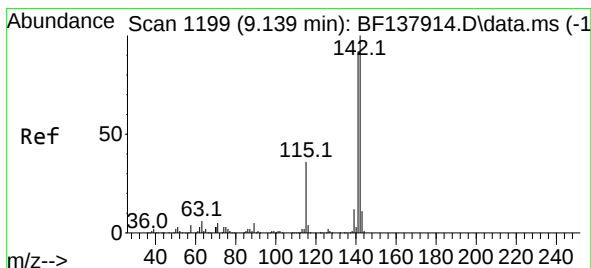
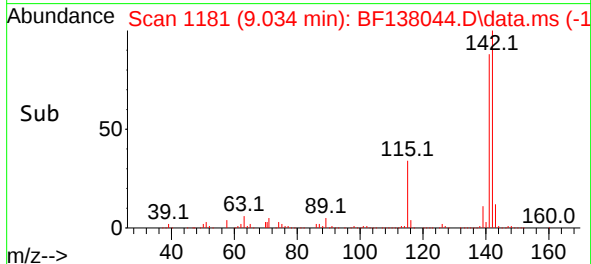
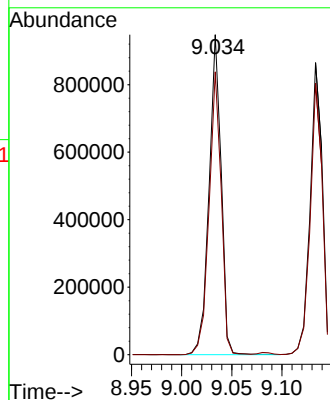
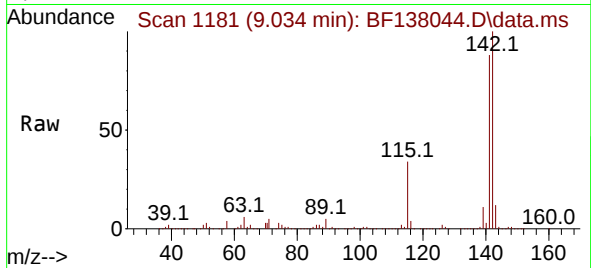
72-11933MS

Tgt Ion:142 Resp: 796073

Ion Ratio Lower Upper

142 100

141 88.4 72.0 108.0



#38

1-Methylnaphthalene

Concen: 39.090 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF138044.D

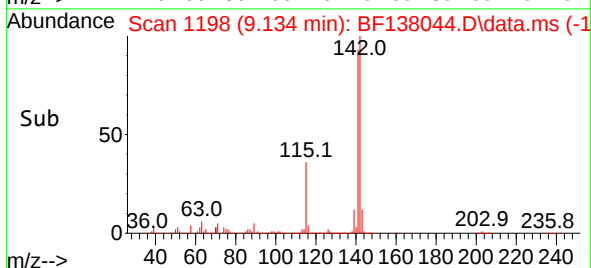
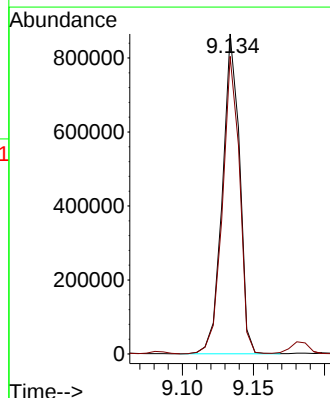
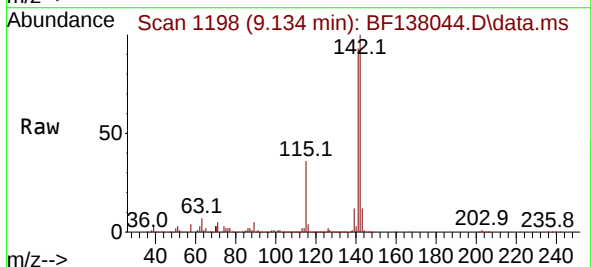
Acq: 28 May 2024 13:40

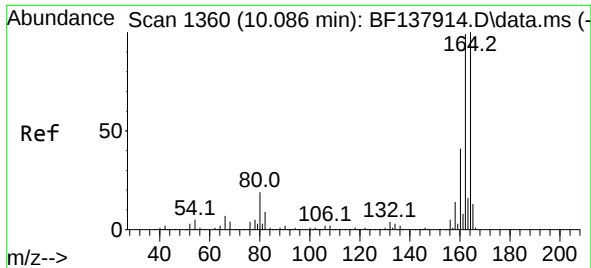
Tgt Ion:142 Resp: 723605

Ion Ratio Lower Upper

142 100

141 93.0 73.7 110.5

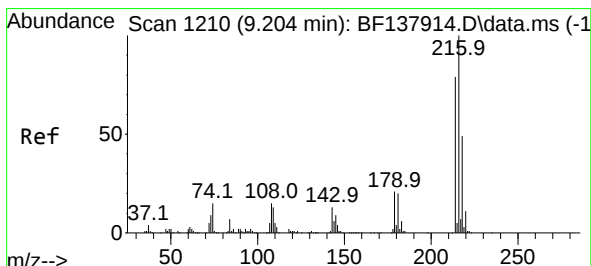
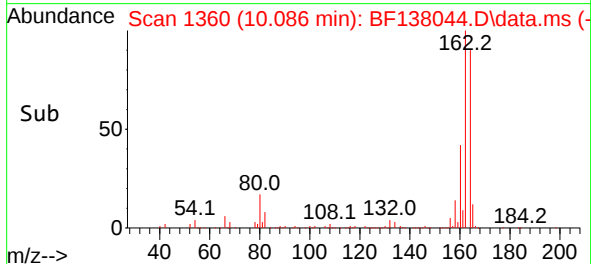
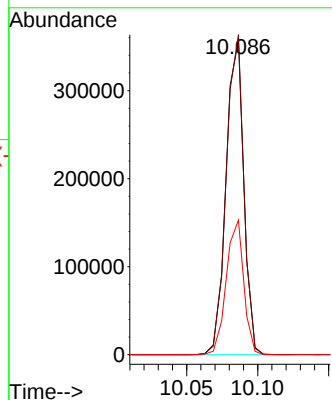
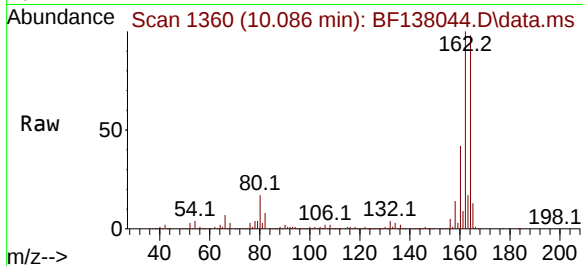




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

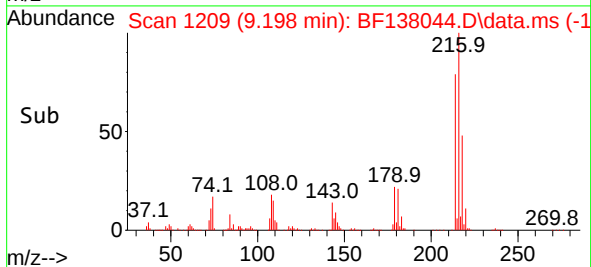
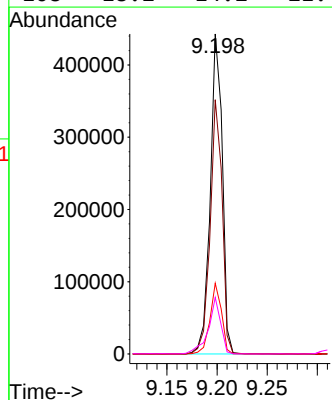
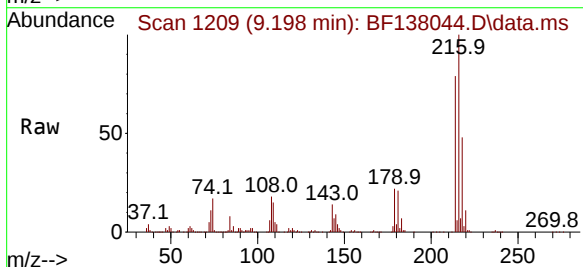
Instrument :
BNA_F
ClientSampleId :
72-11933MS

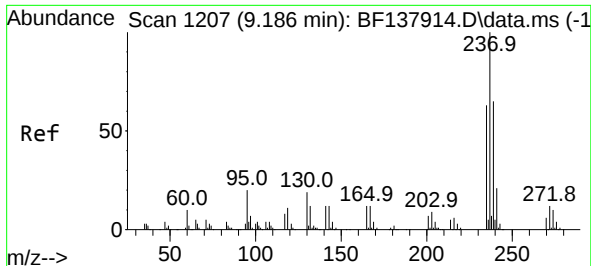
Tgt Ion:164 Resp: 310598
Ion Ratio Lower Upper
164 100
162 101.8 79.4 119.2
160 42.8 33.1 49.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.986 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:216 Resp: 371415
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.2
179 21.1 17.0 25.4
108 18.2 14.2 21.4

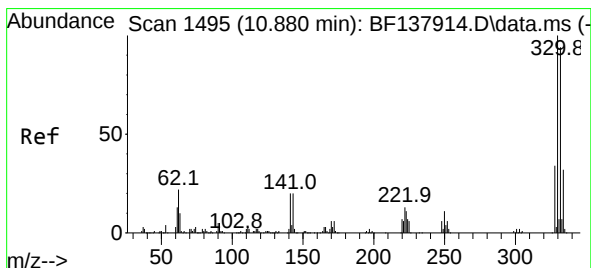
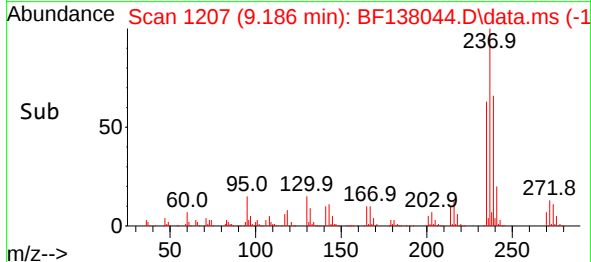
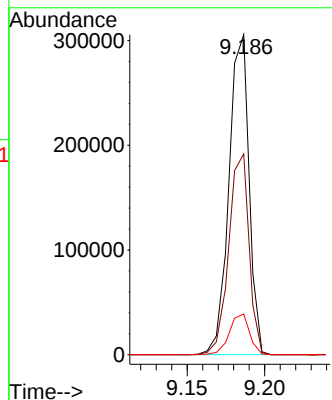
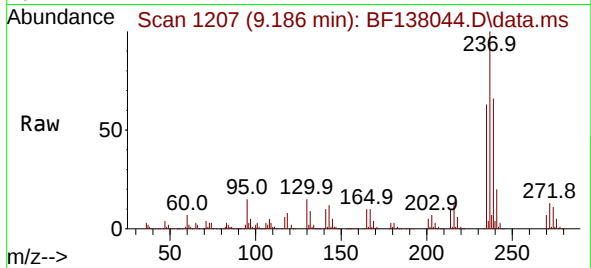




#41
Hexachlorocyclopentadiene
Concen: 86.120 ng
RT: 9.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

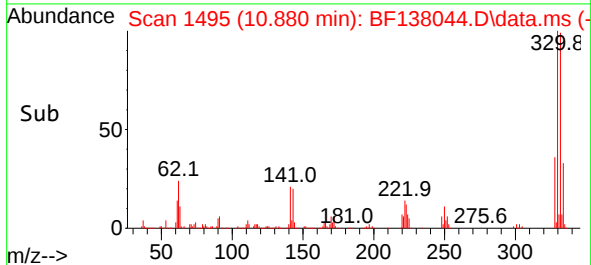
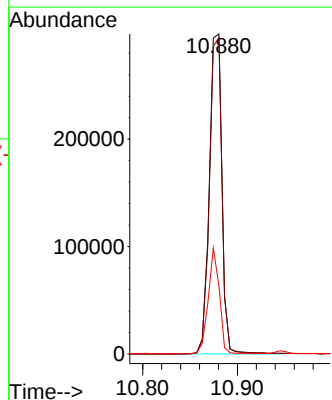
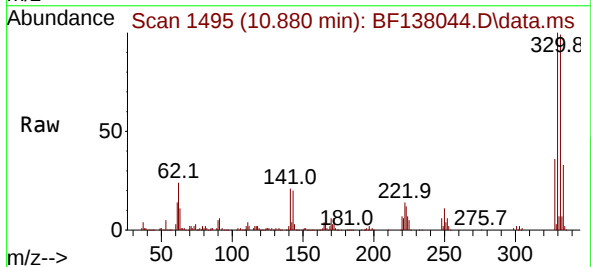
Instrument :
BNA_F
ClientSampleId :
72-11933MS

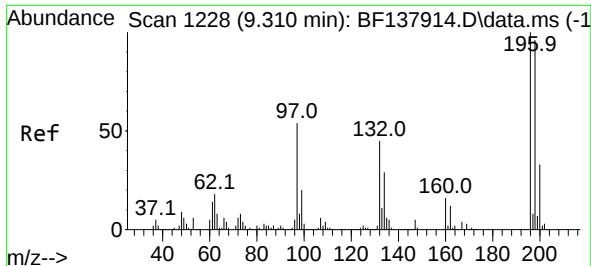
Tgt Ion:237 Resp: 276317
Ion Ratio Lower Upper
237 100
235 62.7 42.8 82.8
272 12.7 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 87.929 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:330 Resp: 275372
Ion Ratio Lower Upper
330 100
332 98.0 75.8 113.8
141 29.1 23.8 35.6

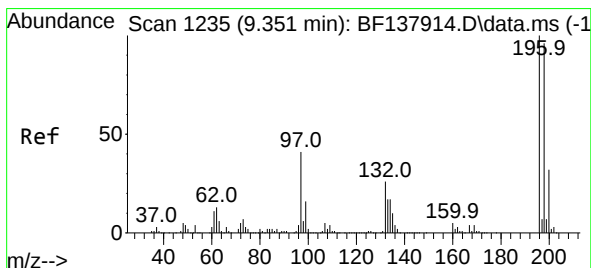
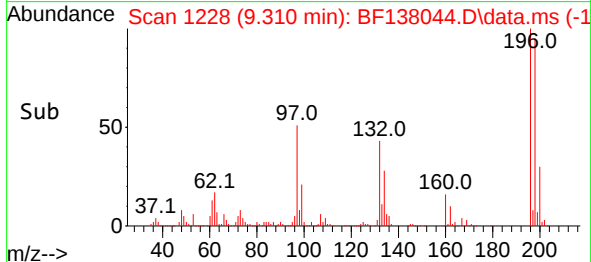
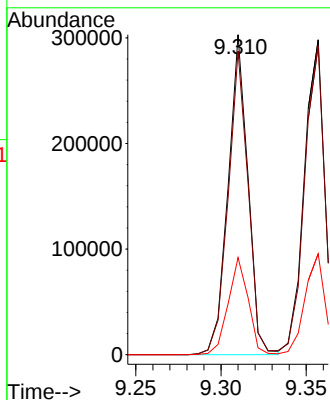
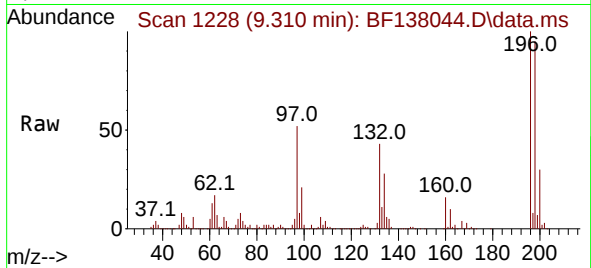




#43
 2,4,6-Trichlorophenol
 Concen: 44.450 ng
 RT: 9.310 min Scan# 1228
 Delta R.T. 0.000 min
 Lab File: BF138044.D
 Acq: 28 May 2024 13:40

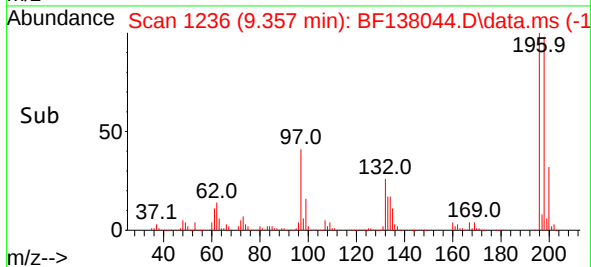
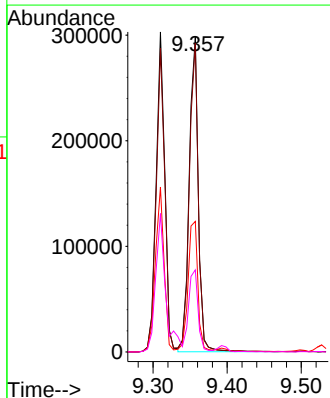
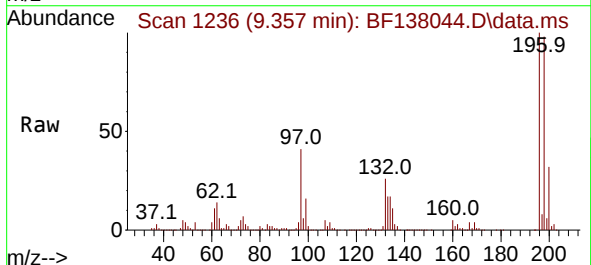
Instrument :
 BNA_F
 ClientSampleId :
 72-11933MS

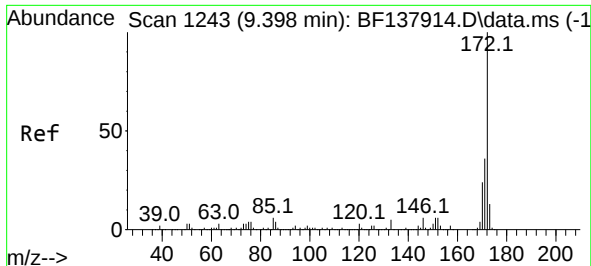
Tgt Ion:196 Resp: 246093
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.0 115.4
 200 30.4 26.2 39.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.372 ng
 RT: 9.357 min Scan# 1236
 Delta R.T. 0.006 min
 Lab File: BF138044.D
 Acq: 28 May 2024 13:40

Tgt Ion:196 Resp: 256687
 Ion Ratio Lower Upper
 196 100
 198 98.1 77.4 116.0
 97 41.5 32.9 49.3
 132 26.1 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 56.594 ng

RT: 9.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

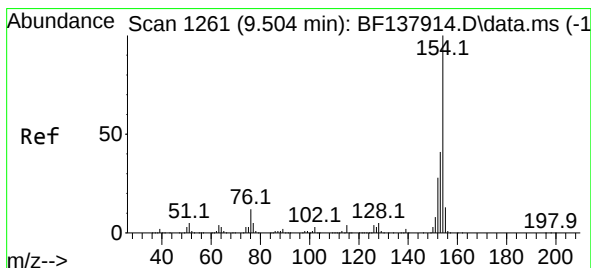
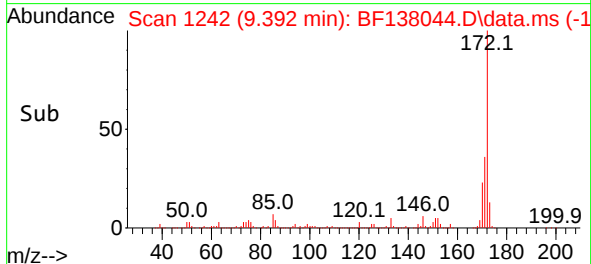
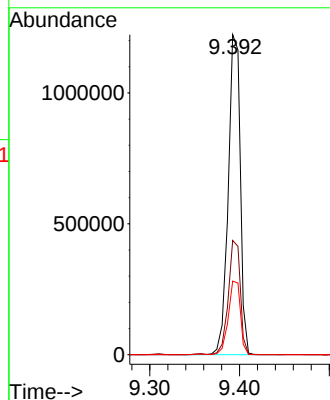
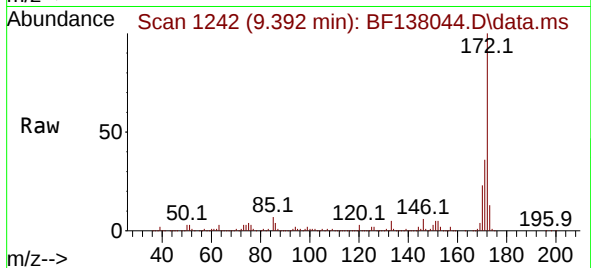
Tgt Ion:172 Resp: 1141141

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 23.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 43.210 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

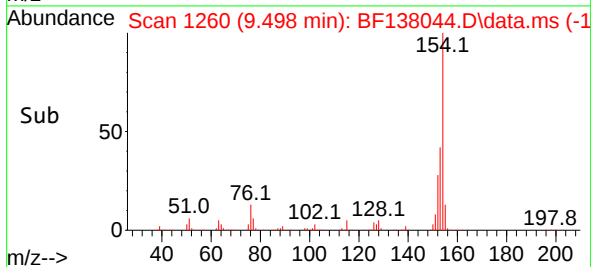
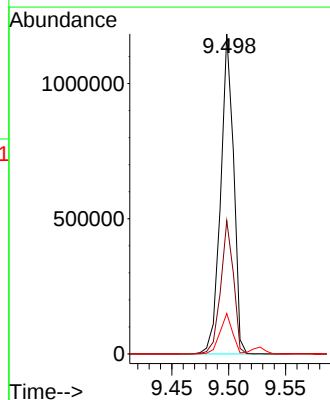
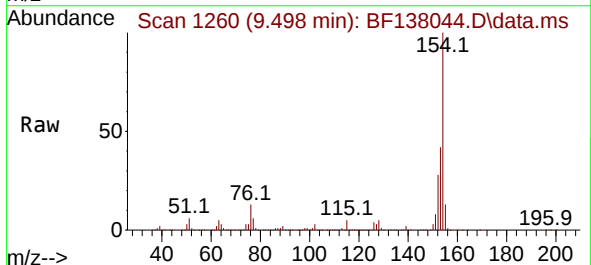
Tgt Ion:154 Resp: 941328

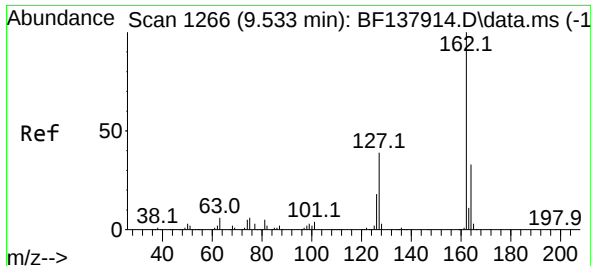
Ion Ratio Lower Upper

154 100

153 41.7 21.3 61.3

76 12.6 0.0 31.9

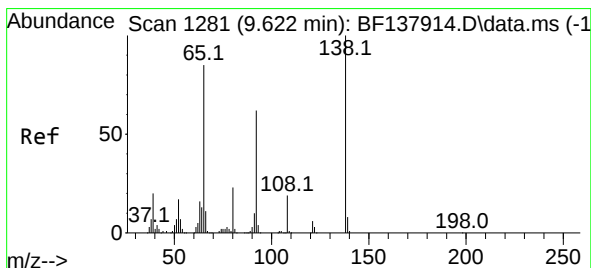
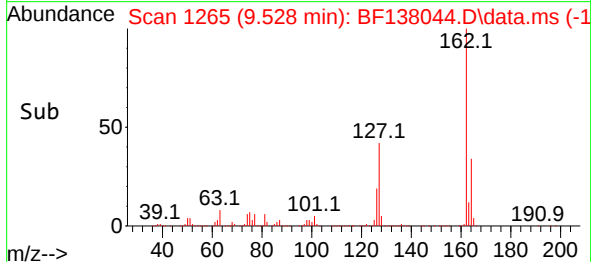
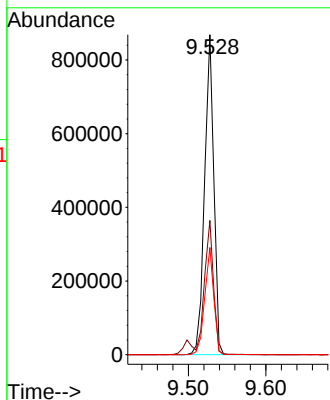
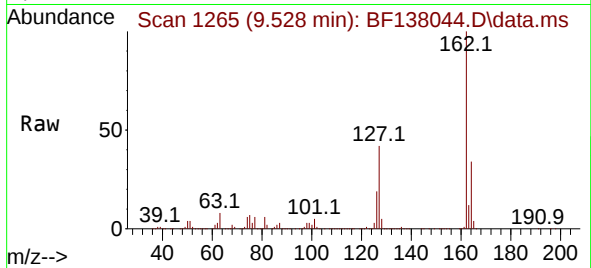




#47
2-Chloronaphthalene
Concen: 41.379 ng
RT: 9.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

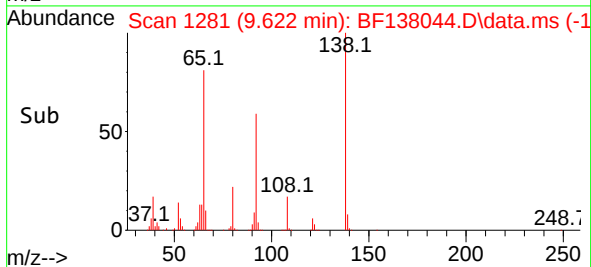
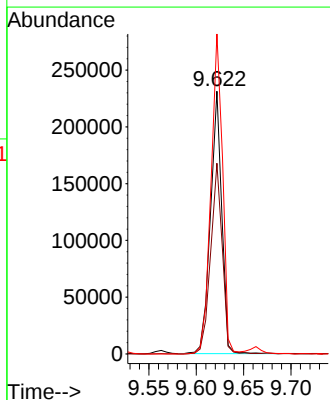
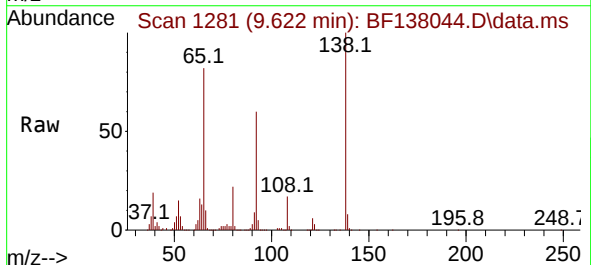
Instrument :
BNA_F
ClientSampleId :
72-11933MS

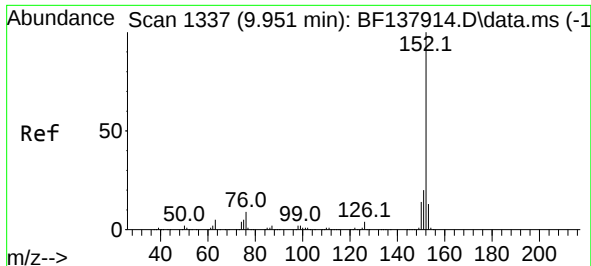
Tgt Ion:162 Resp: 719588
Ion Ratio Lower Upper
162 100
127 42.0 32.0 48.0
164 33.5 26.2 39.4



#48
2-Nitroaniline
Concen: 43.091 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion: 65 Resp: 191891
Ion Ratio Lower Upper
65 100
92 72.6 58.6 88.0
138 121.8 94.1 141.1





#49

Acenaphthylene

Concen: 44.598 ng

RT: 9.945 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

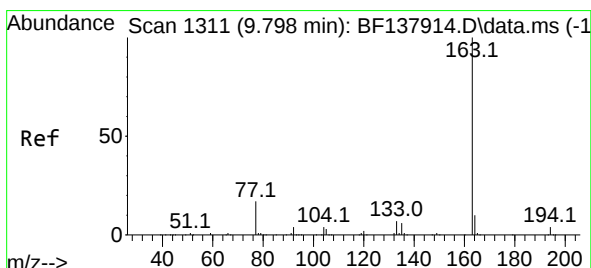
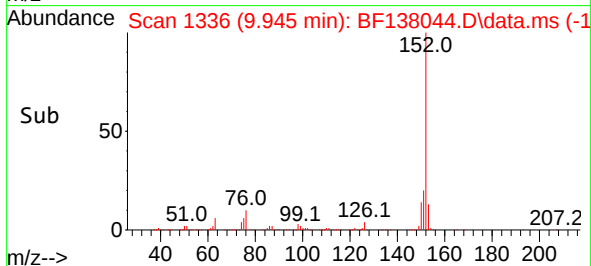
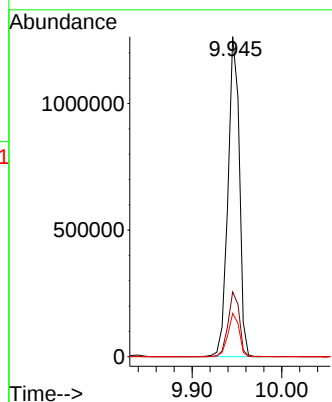
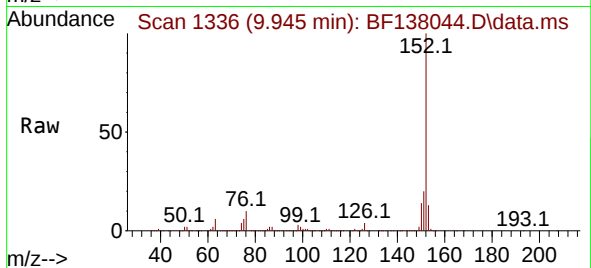
Tgt Ion:152 Resp: 1115158

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

153 13.5 10.2 15.4



#50

Dimethylphthalate

Concen: 44.582 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

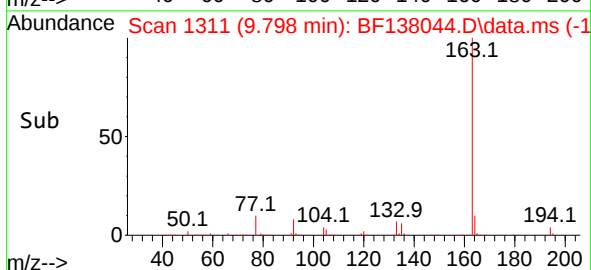
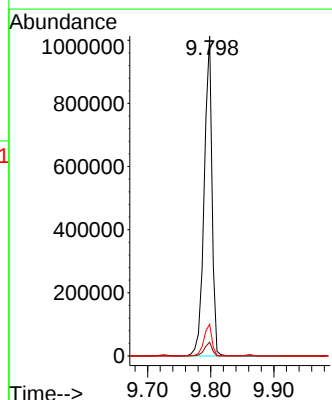
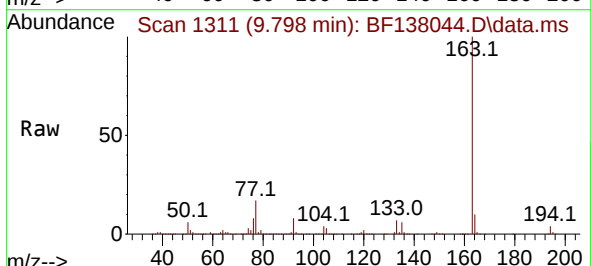
Tgt Ion:163 Resp: 868320

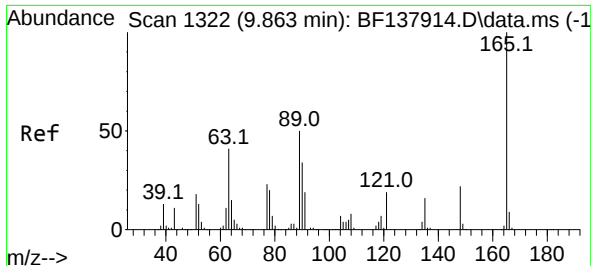
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.9 8.0 12.0

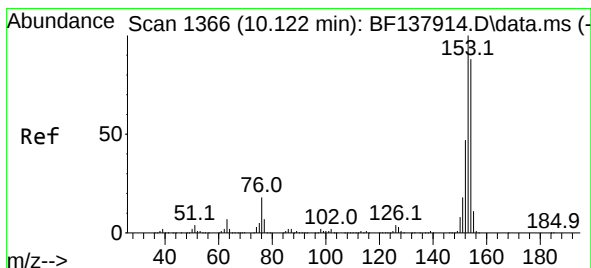
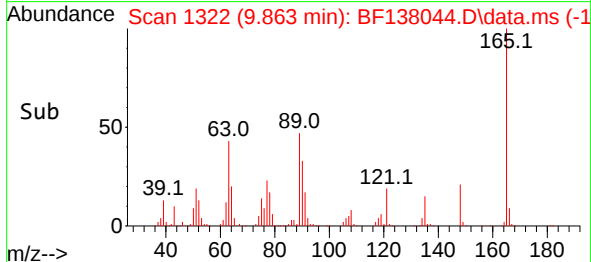
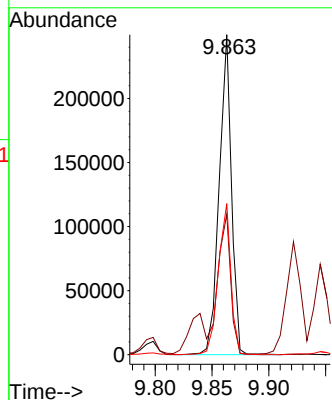
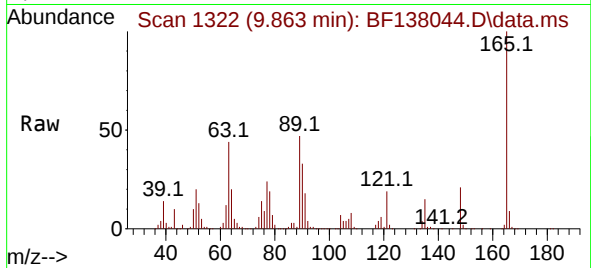




#51
2,6-Dinitrotoluene
Concen: 42.142 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

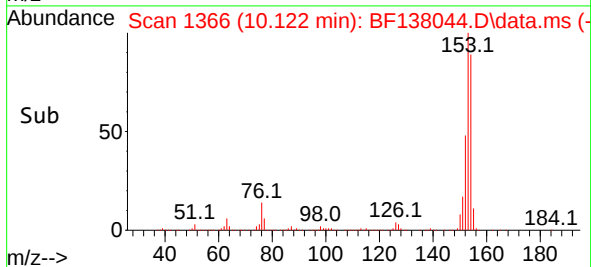
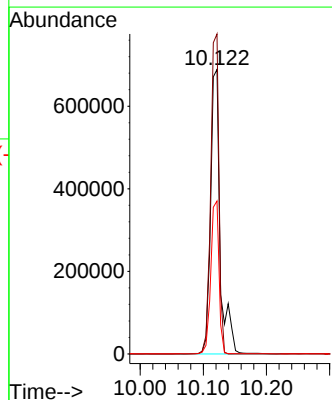
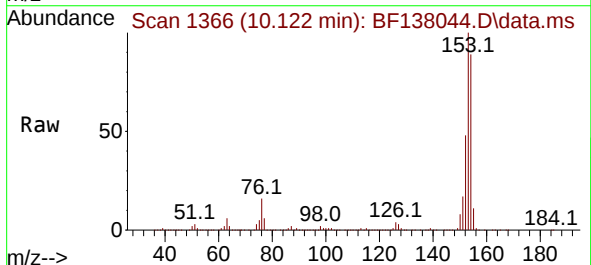
Instrument :
BNA_F
ClientSampleId :
72-11933MS

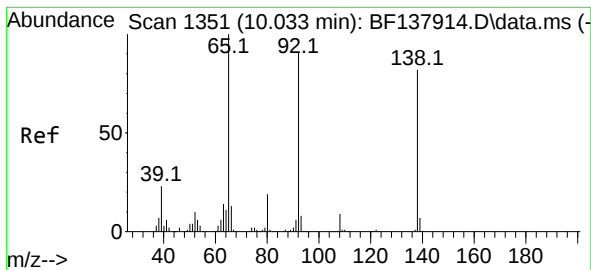
Tgt Ion:165 Resp: 188386
Ion Ratio Lower Upper
165 100
63 43.9 38.9 58.3
89 47.2 40.4 60.6



#52
Acenaphthene
Concen: 44.263 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:154 Resp: 731529
Ion Ratio Lower Upper
154 100
153 112.5 90.4 135.6
152 53.8 42.3 63.5

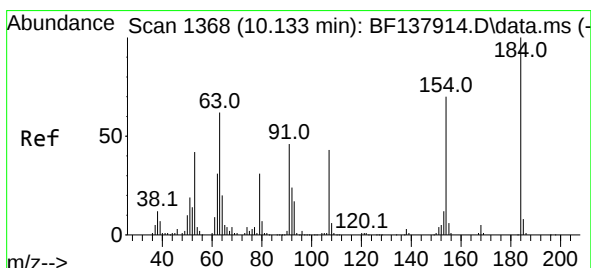
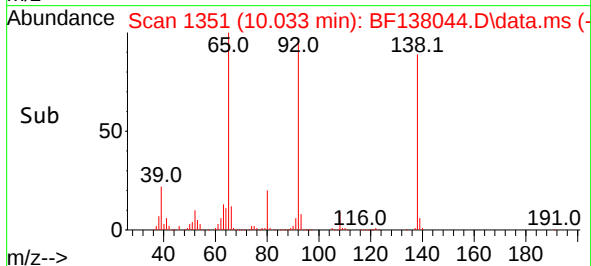
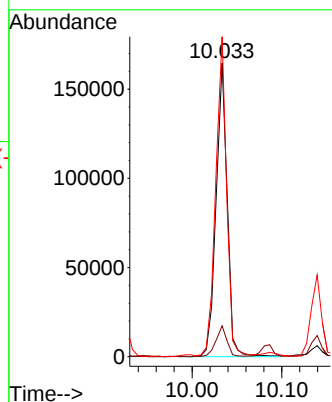
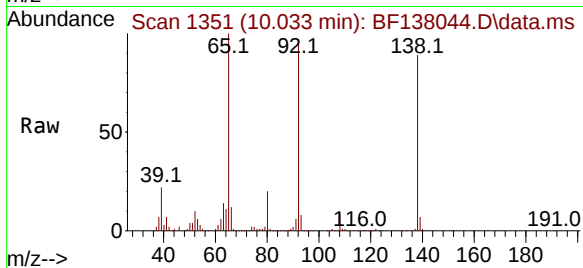




#53
3-Nitroaniline
Concen: 32.491 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

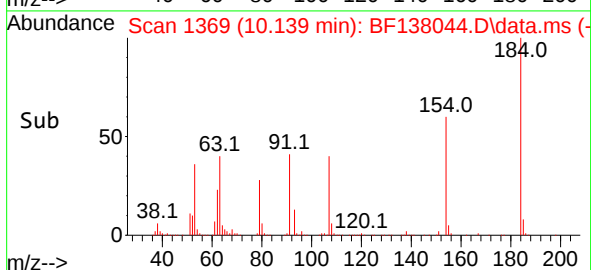
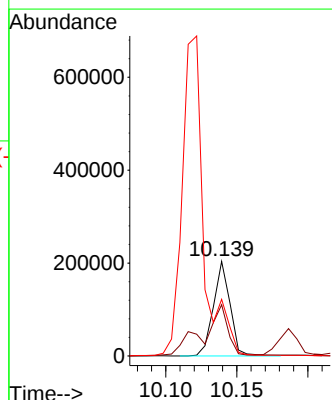
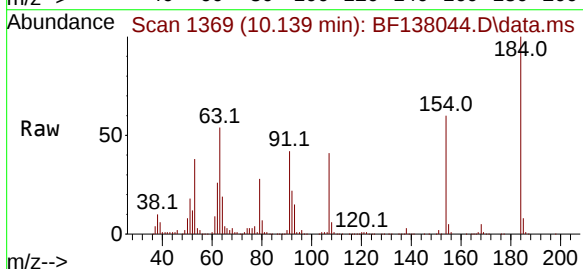
Instrument :
BNA_F
ClientSampleId :
72-11933MS

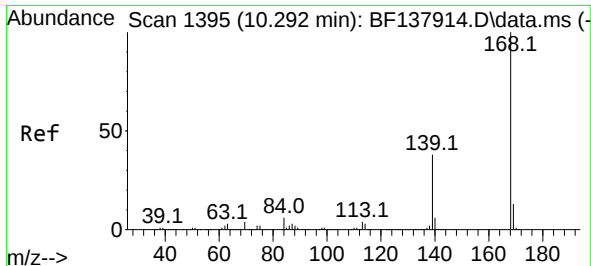
Tgt Ion:138 Resp: 141990
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 109.0 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 69.816 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:184 Resp: 166259
Ion Ratio Lower Upper
184 100
63 54.1 50.4 75.6
154 59.8 63.7 95.5#

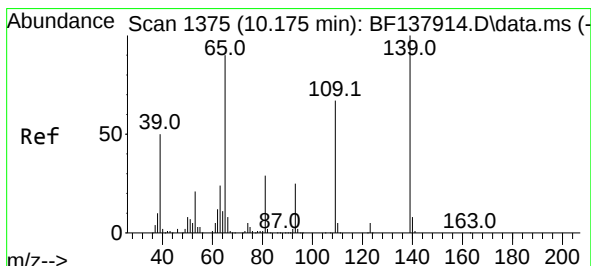
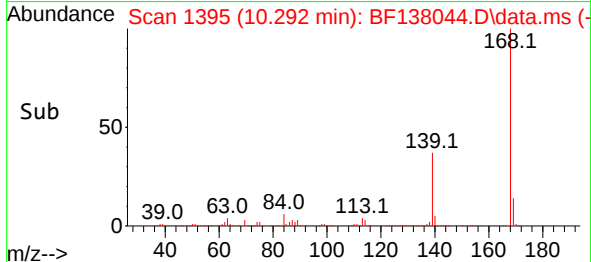
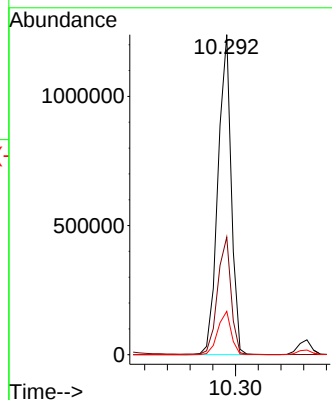
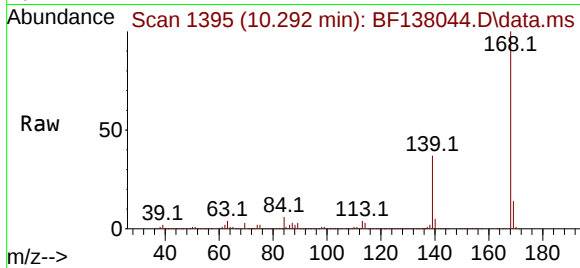




#55
Dibenzenofuran
Concen: 41.786 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

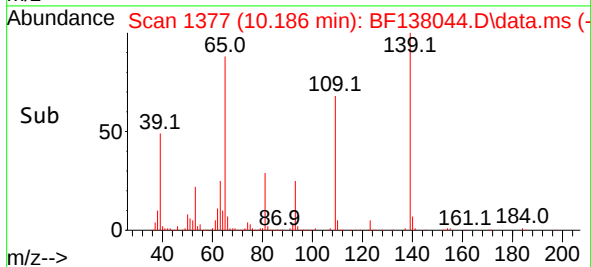
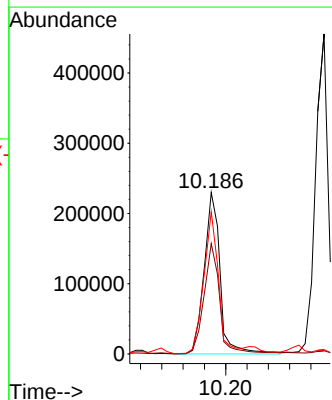
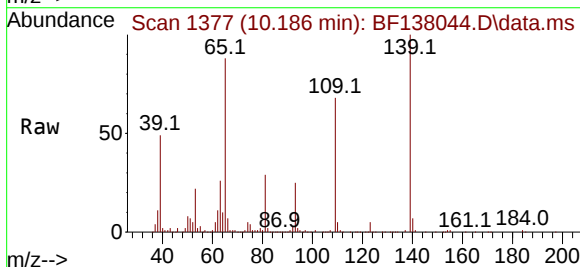
Instrument :
BNA_F
ClientSampleId :
72-11933MS

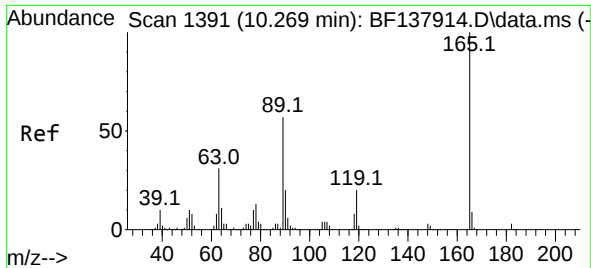
Tgt Ion:168 Resp: 1005028
Ion Ratio Lower Upper
168 100
139 36.8 30.4 45.6
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 76.196 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:139 Resp: 239162
Ion Ratio Lower Upper
139 100
109 68.4 46.5 86.5
65 88.1 70.4 110.4

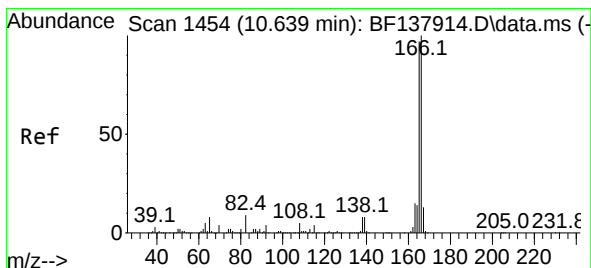
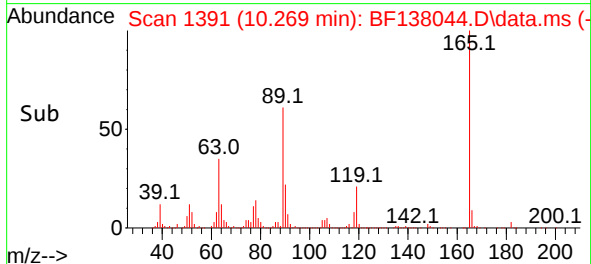
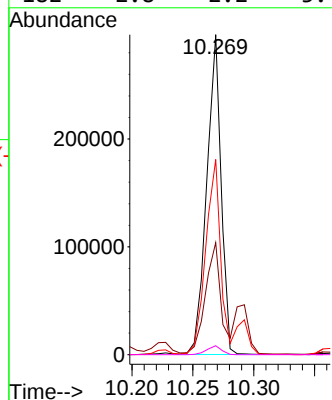
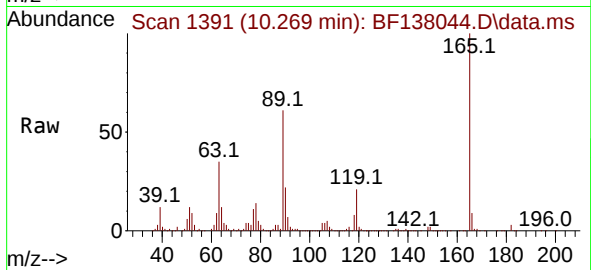




#57
2,4-Dinitrotoluene
Concen: 42.121 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

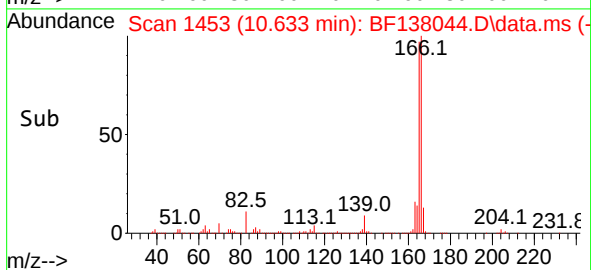
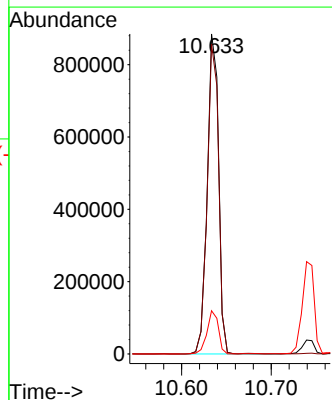
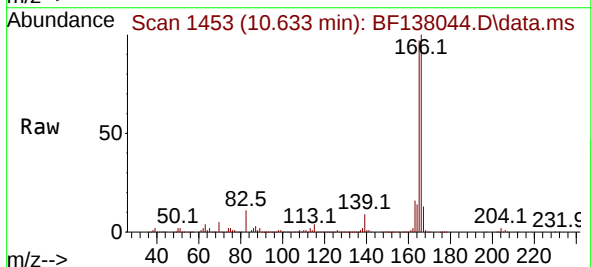
Instrument :
BNA_F
ClientSampleId :
72-11933MS

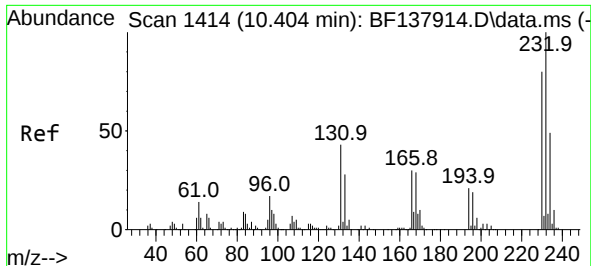
Tgt Ion:165 Resp: 243415
Ion Ratio Lower Upper
165 100
63 35.0 25.3 37.9
89 61.0 45.9 68.9
182 2.8 2.2 3.4



#58
Fluorene
Concen: 40.827 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:166 Resp: 776707
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.8
167 13.5 10.4 15.6

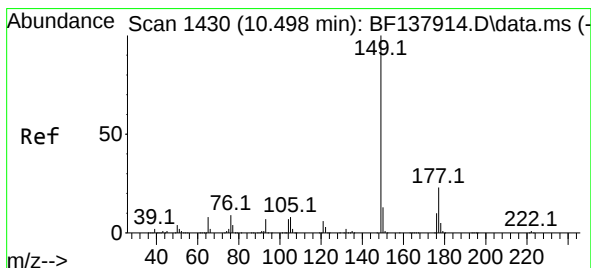
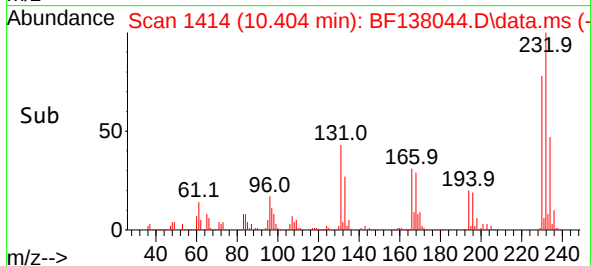
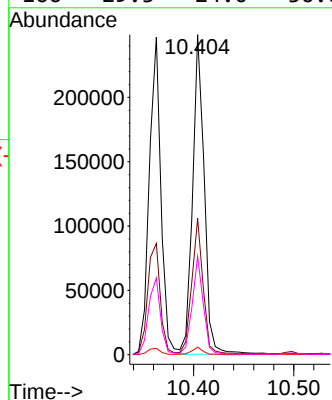
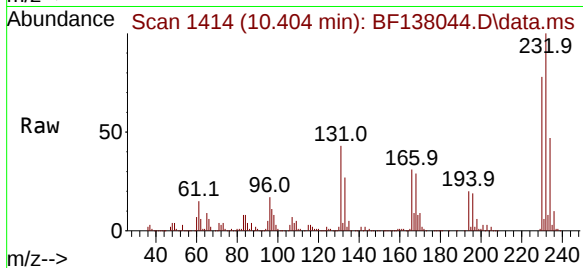




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.812 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

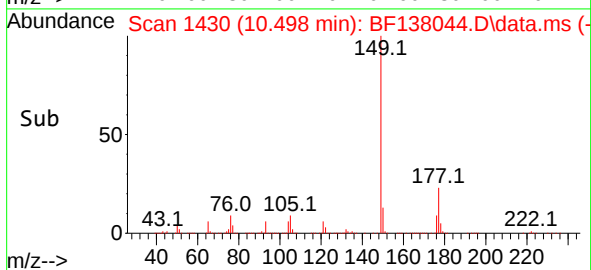
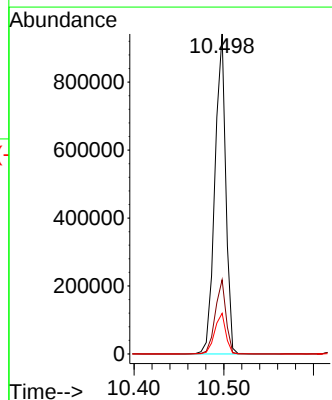
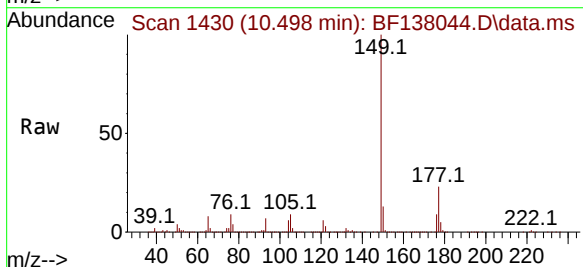
Instrument :
BNA_F
ClientSampleId :
72-11933MS

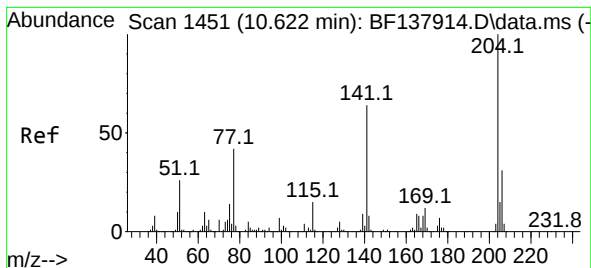
Tgt Ion:232 Resp: 198984
Ion Ratio Lower Upper
232 100
131 41.3 34.4 51.6
130 2.3 1.7 2.5
166 29.3 24.0 36.0



#60
Diethylphthalate
Concen: 43.680 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:149 Resp: 794547
Ion Ratio Lower Upper
149 100
177 23.2 18.4 27.6
150 12.7 10.1 15.1

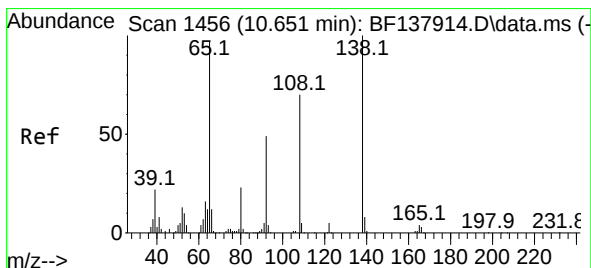
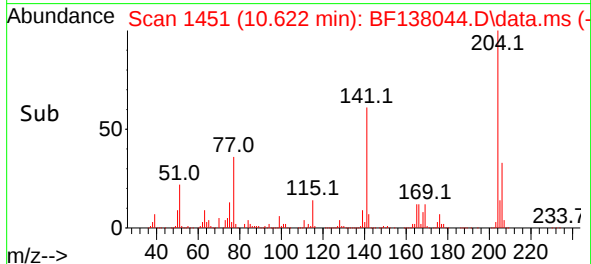
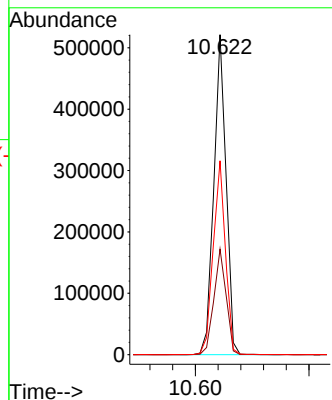
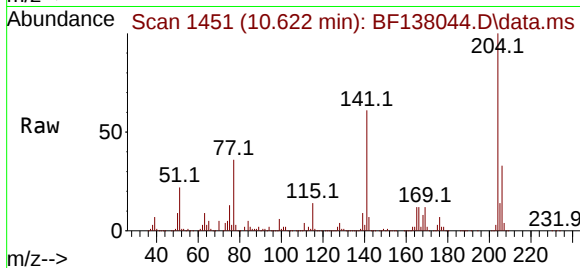




#61
4-Chlorophenyl-phenylether
Concen: 41.530 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

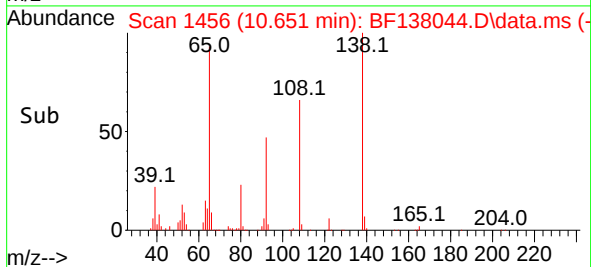
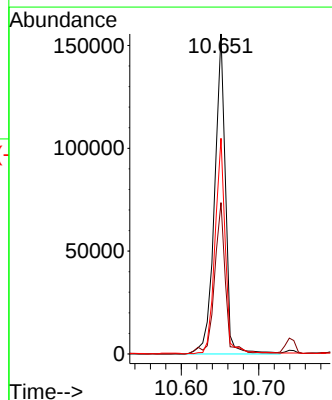
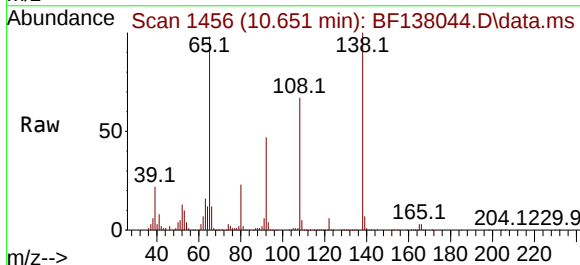
Instrument :
BNA_F
ClientSampleId :
72-11933MS

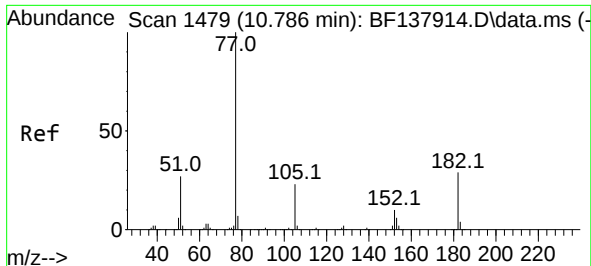
Tgt Ion:204 Resp: 389628
Ion Ratio Lower Upper
204 100
206 33.0 25.1 37.7
141 60.6 51.0 76.6



#62
4-Nitroaniline
Concen: 36.897 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:138 Resp: 152937
Ion Ratio Lower Upper
138 100
92 47.3 29.0 69.0
108 67.4 49.7 89.7

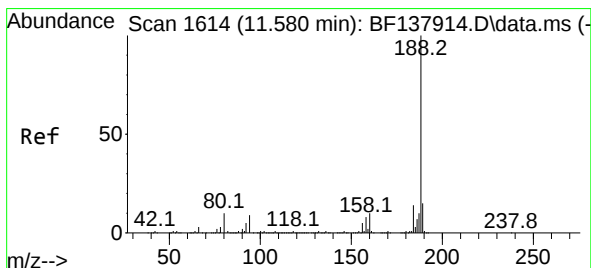
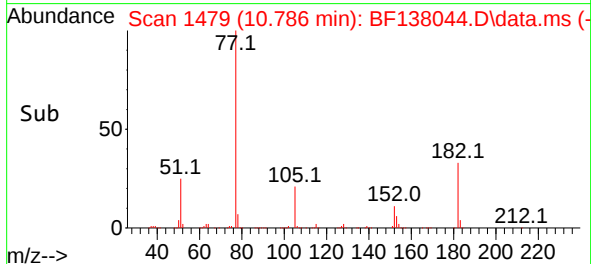
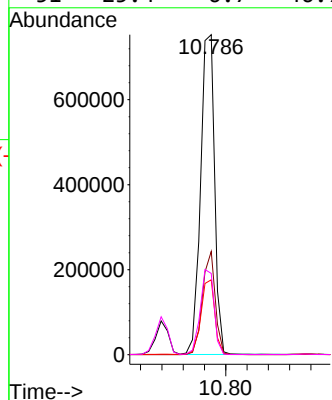
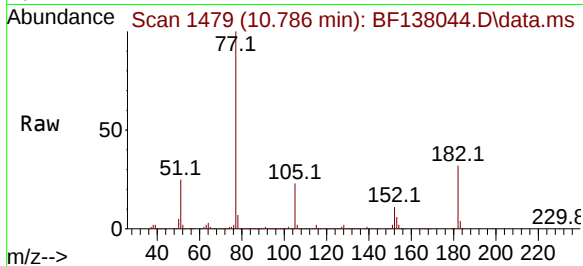




#63
Azobenzene
Concen: 41.693 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

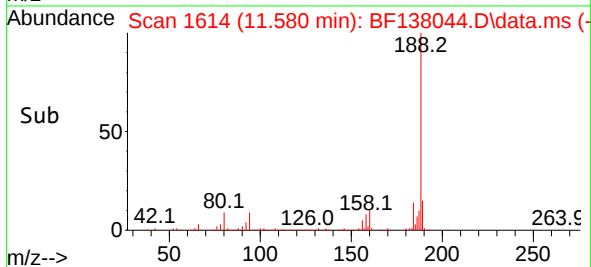
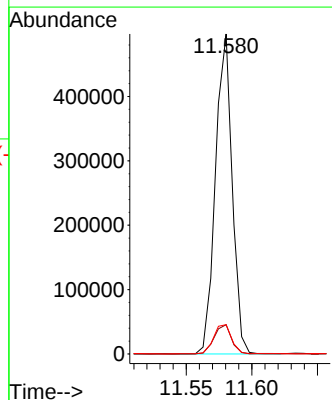
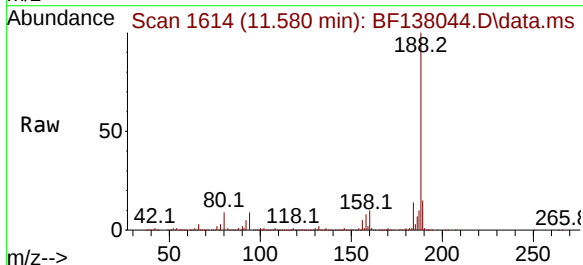
Instrument :
BNA_F
ClientSampleId :
72-11933MS

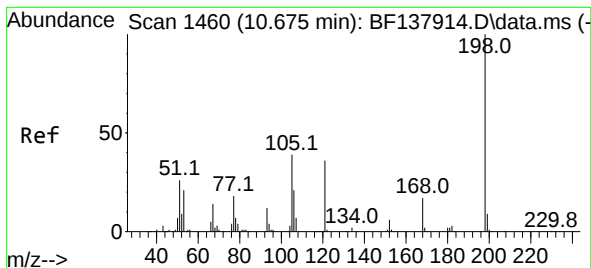
Tgt Ion:	77	Resp:	689844
Ion	Ratio	Lower	Upper
77	100		
182	32.2	9.2	49.2
105	23.4	3.1	43.1
51	25.4	6.7	46.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:	188	Resp:	440467
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.4
80	9.2	7.7	11.5

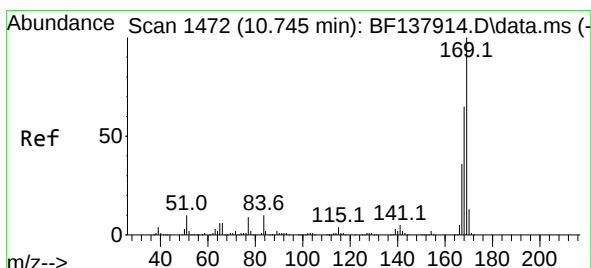
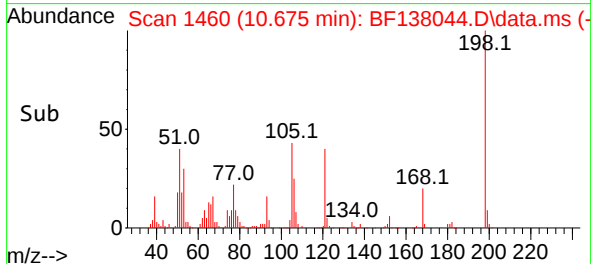
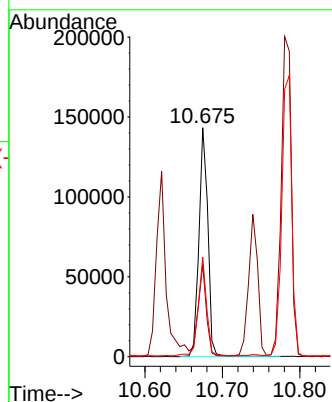
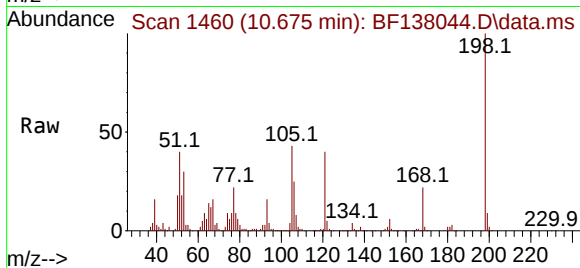




#65
4,6-Dinitro-2-methylphenol
Concen: 45.242 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

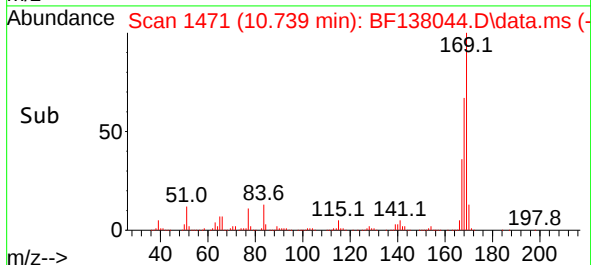
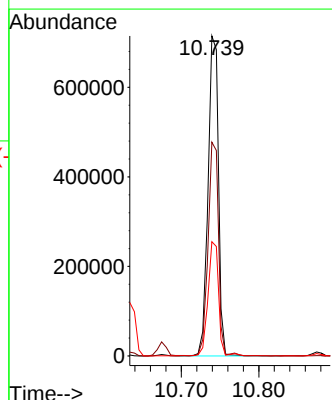
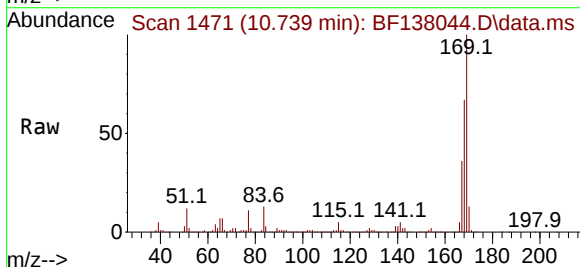
Instrument :
BNA_F
ClientSampleId :
72-11933MS

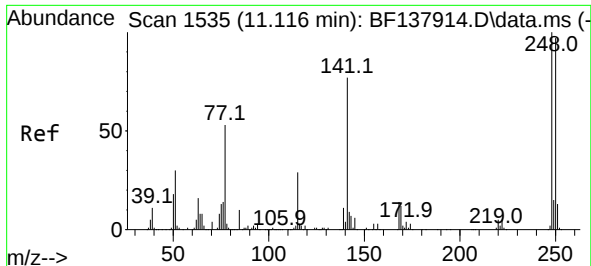
Tgt Ion:198 Resp: 115062
Ion Ratio Lower Upper
198 100
51 40.2 13.8 53.8
105 43.4 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 49.090 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:169 Resp: 663098
Ion Ratio Lower Upper
169 100
168 66.8 52.4 78.6
167 35.7 28.9 43.3

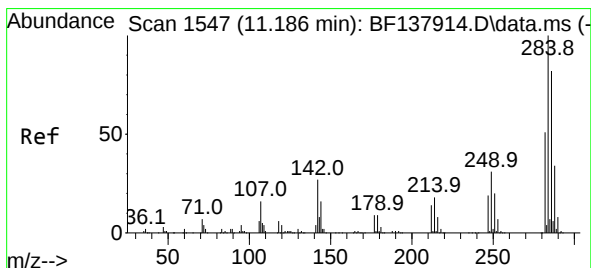
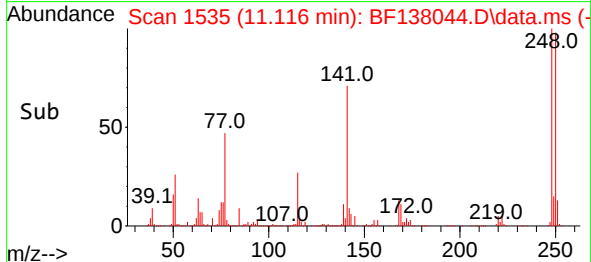
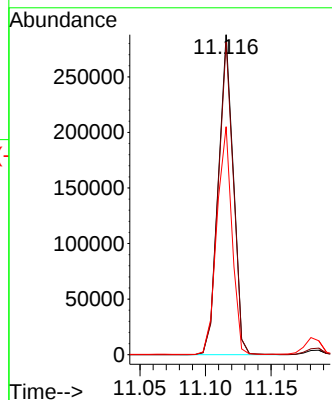
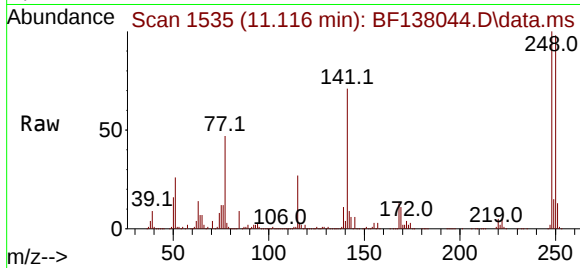




#67
4-Bromophenyl-phenylether
Concen: 47.309 ng
RT: 11.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

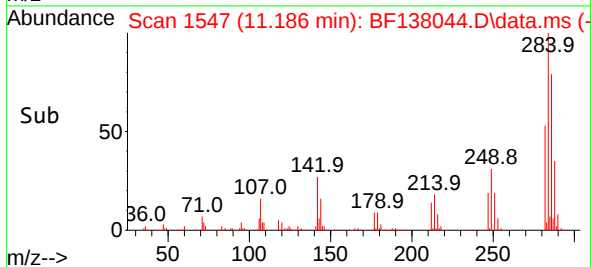
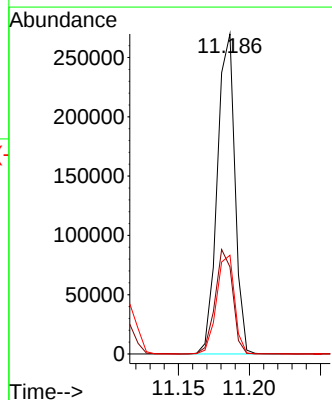
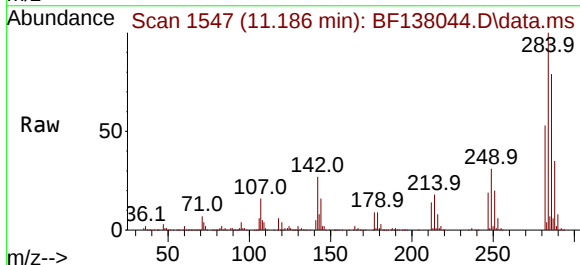
Instrument :
BNA_F
ClientSampleId :
72-11933MS

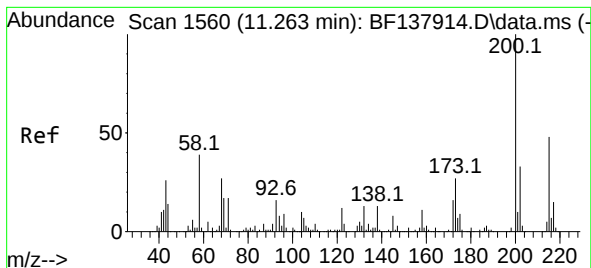
Tgt Ion:248 Resp: 228442
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 71.3 61.4 92.2



#68
Hexachlorobenzene
Concen: 43.661 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:284 Resp: 233047
Ion Ratio Lower Upper
284 100
142 27.2 21.3 31.9
249 30.8 24.6 37.0





#69

Atrazine

Concen: 55.814 ng

RT: 11.263 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

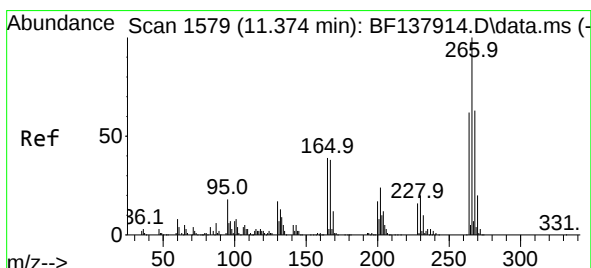
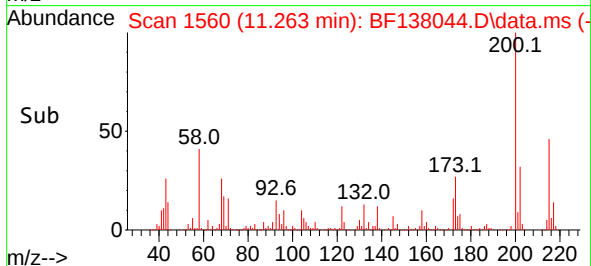
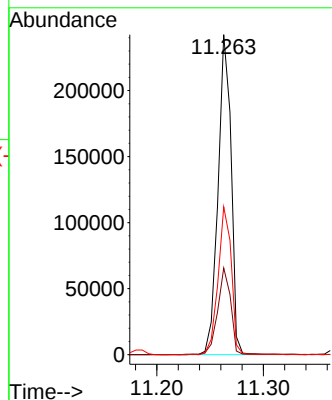
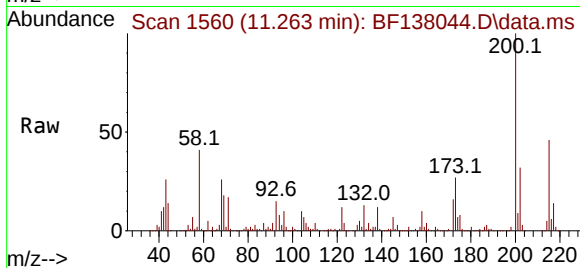
Tgt Ion:200 Resp: 205871

Ion Ratio Lower Upper

200 100

173 27.1 6.6 46.6

215 46.2 27.5 67.5



#70

Pentachlorophenol

Concen: 81.798 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

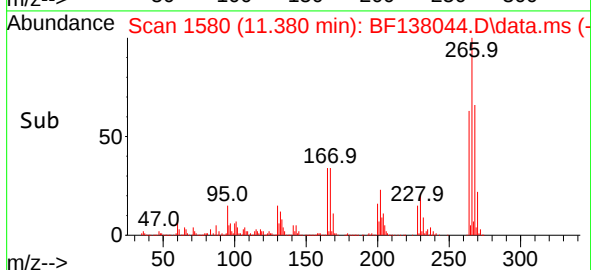
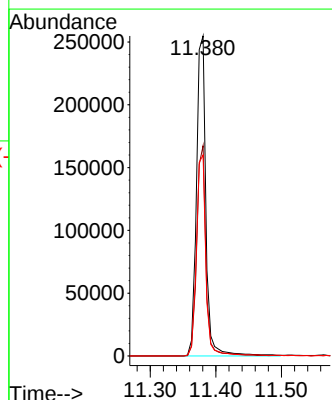
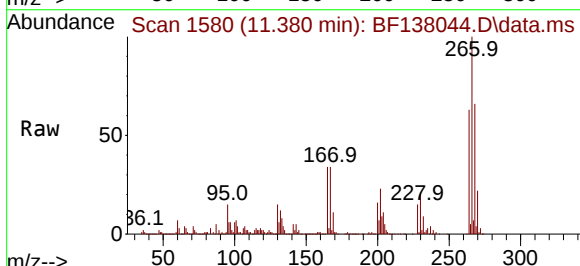
Tgt Ion:266 Resp: 255751

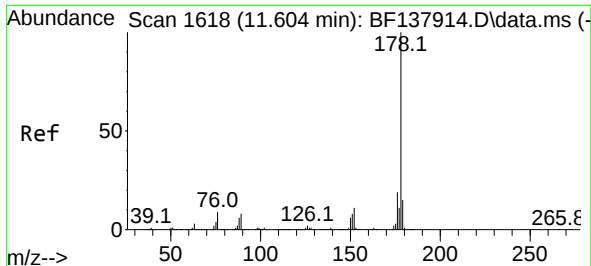
Ion Ratio Lower Upper

266 100

268 65.7 50.1 75.1

264 62.8 49.4 74.2

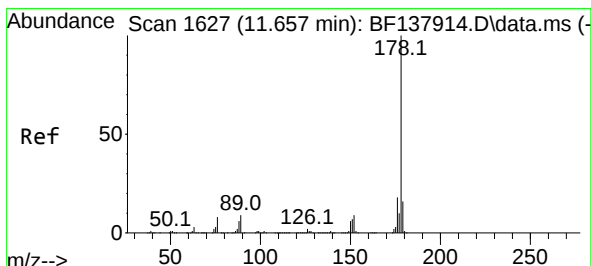
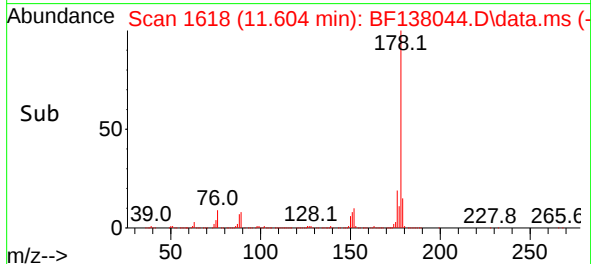
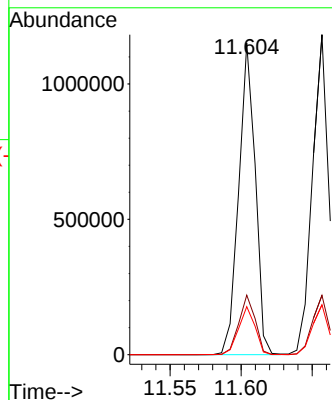
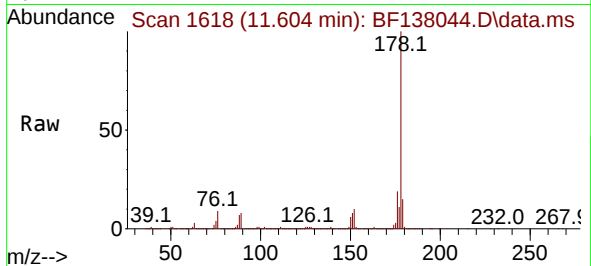




#71
Phenanthrene
Concen: 43.071 ng
RT: 11.604 min Scan# 1618
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

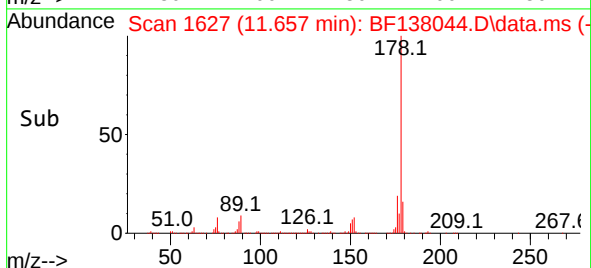
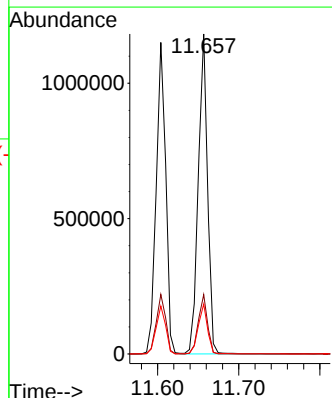
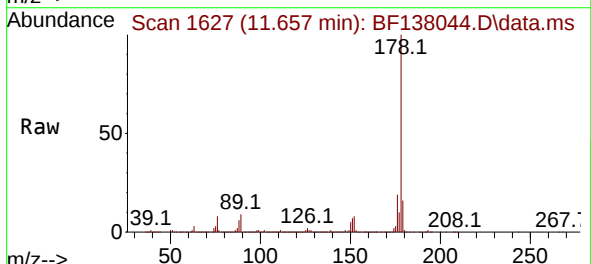
Instrument :
BNA_F
ClientSampleId :
72-11933MS

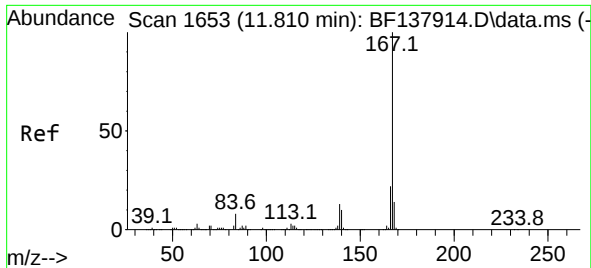
Tgt Ion:178 Resp: 934888
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.4 12.2 18.4



#72
Anthracene
Concen: 43.929 ng
RT: 11.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:178 Resp: 946059
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.6 12.4 18.6

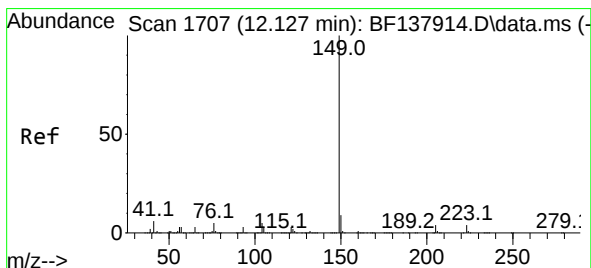
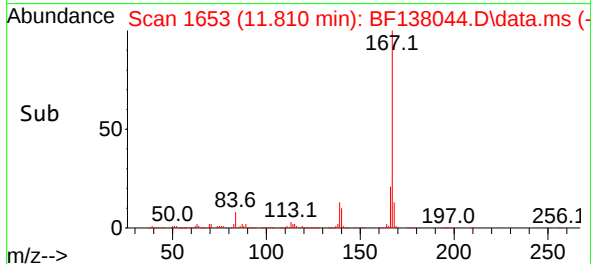
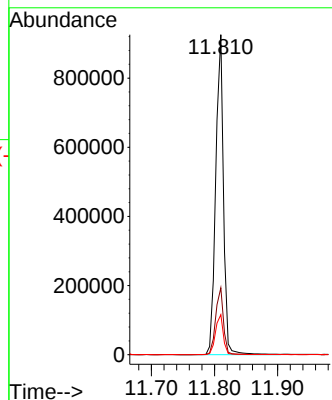
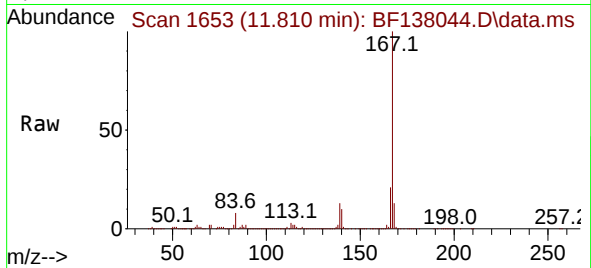




#73
 Carbazole
 Concen: 39.805 ng
 RT: 11.810 min Scan# 1653
 Delta R.T. 0.000 min
 Lab File: BF138044.D
 Acq: 28 May 2024 13:40

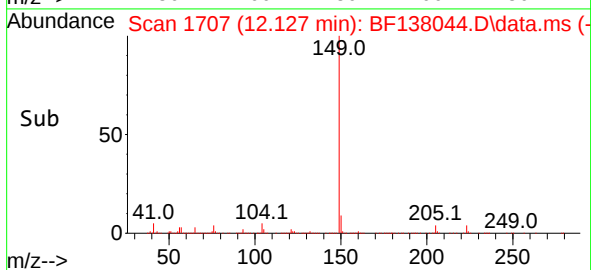
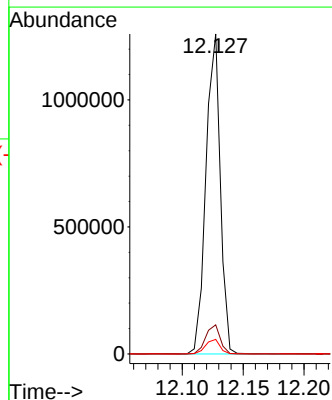
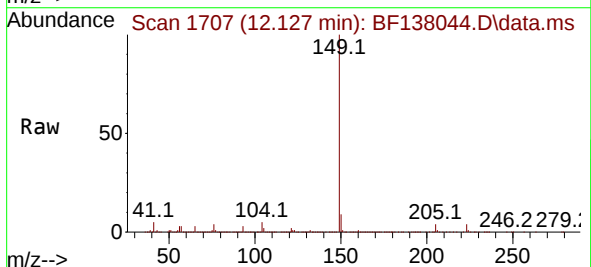
Instrument :
 BNA_F
 ClientSampleId :
 72-11933MS

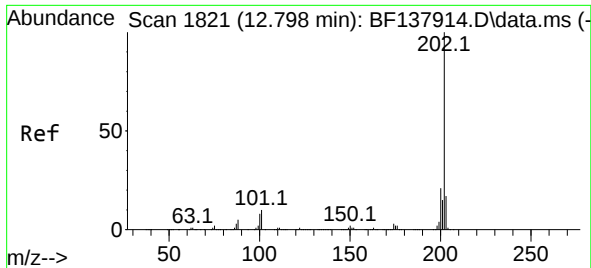
Tgt Ion:167 Resp: 783081
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.3 25.9
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 47.053 ng
 RT: 12.127 min Scan# 1707
 Delta R.T. 0.000 min
 Lab File: BF138044.D
 Acq: 28 May 2024 13:40

Tgt Ion:149 Resp: 1027299
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.6 3.6 5.4

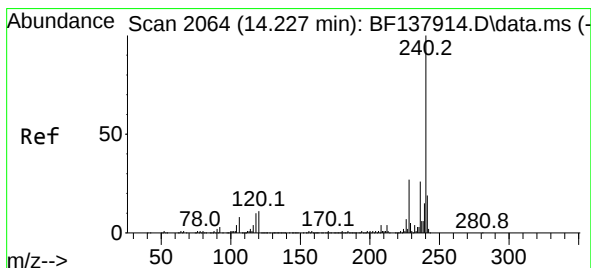
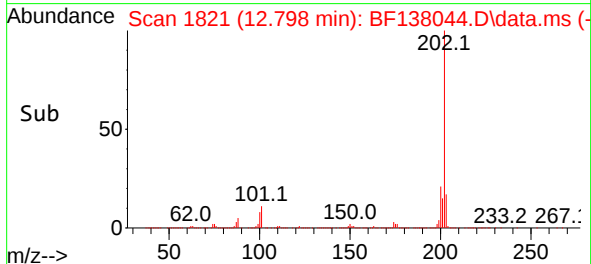
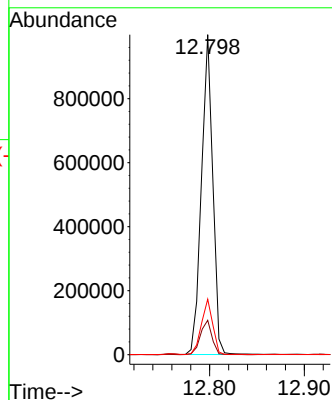
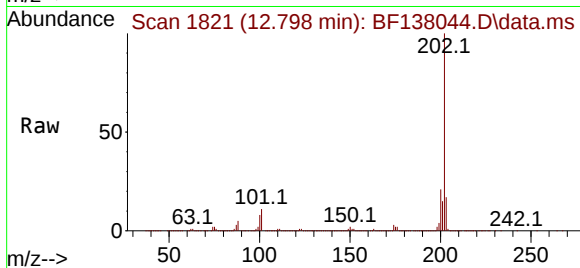




#75
Fluoranthene
Concen: 37.870 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

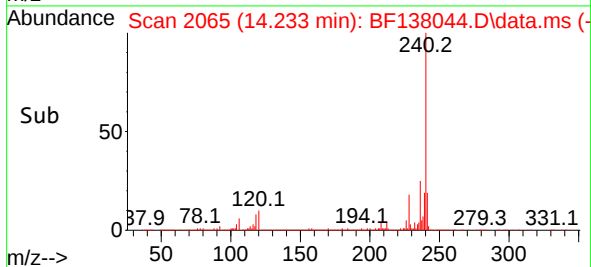
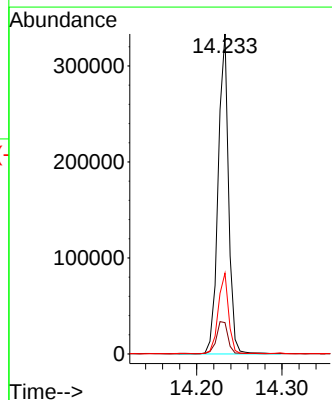
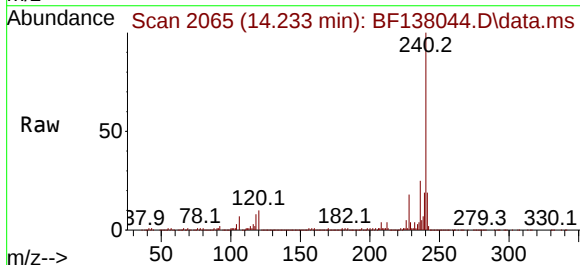
Instrument :
BNA_F
ClientSampleId :
72-11933MS

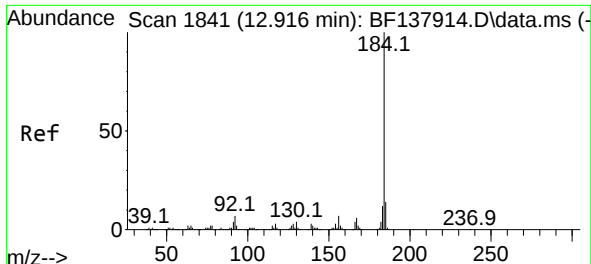
Tgt Ion:202 Resp: 834349
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.5
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2065
Delta R.T. 0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:240 Resp: 282935
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 25.3 21.0 31.4

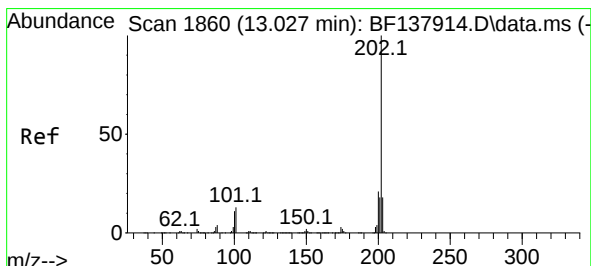
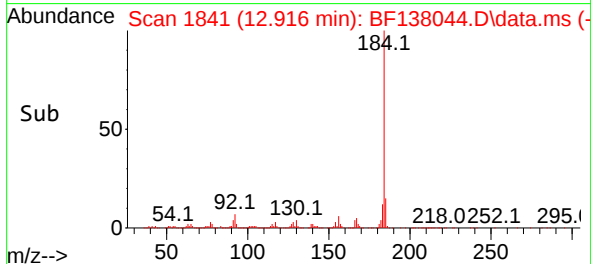
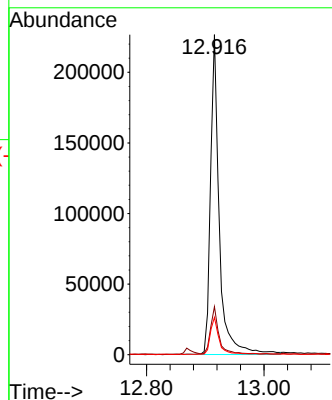
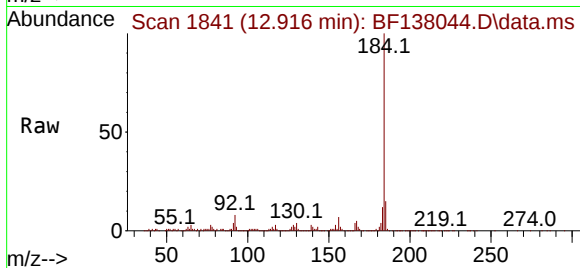




#77
Benzidine
Concen: 63.417 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

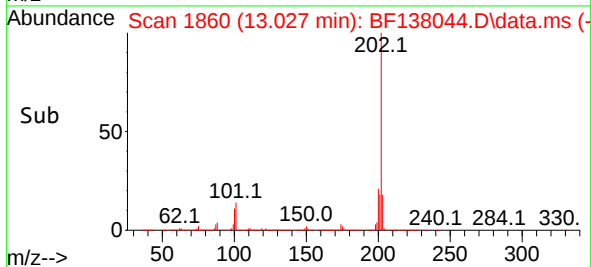
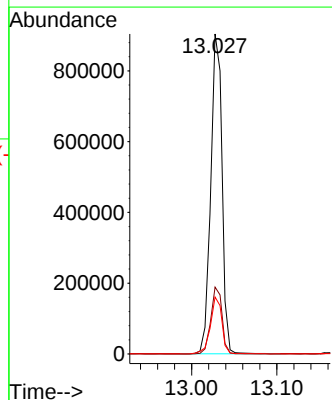
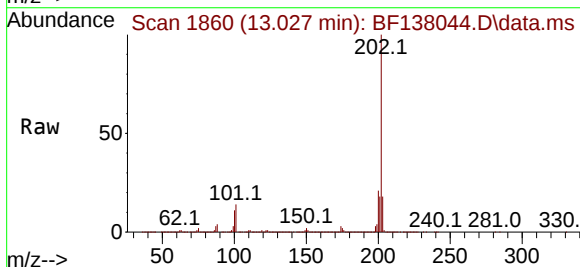
Instrument :
BNA_F
ClientSampleId :
72-11933MS

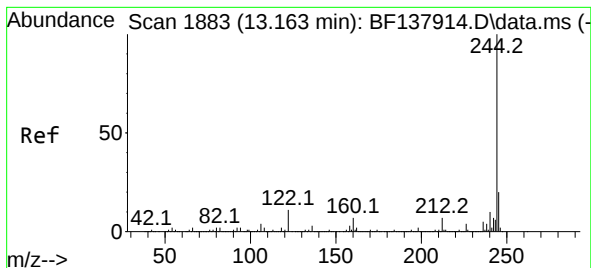
Tgt Ion:184 Resp: 234495
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.2
183 11.6 9.5 14.3



#78
Pyrene
Concen: 33.616 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:202 Resp: 831881
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.4
203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 44.156 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

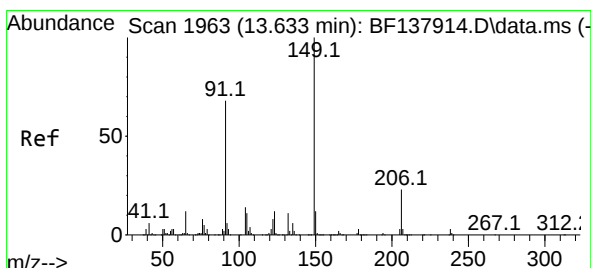
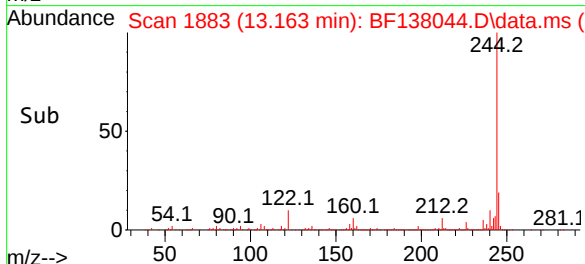
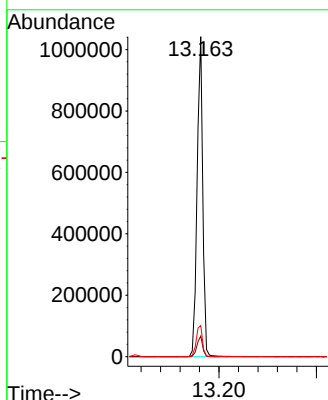
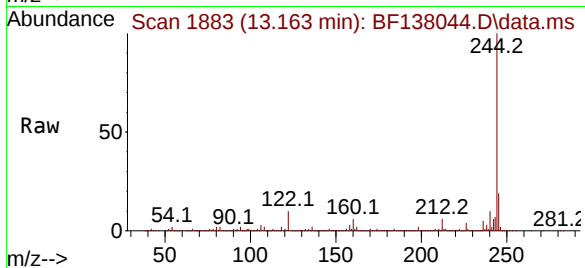
Tgt Ion:244 Resp: 847700

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 9.7 8.8 13.2



#80

Butylbenzylphthalate

Concen: 44.027 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

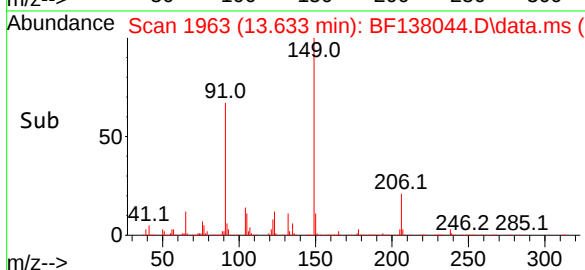
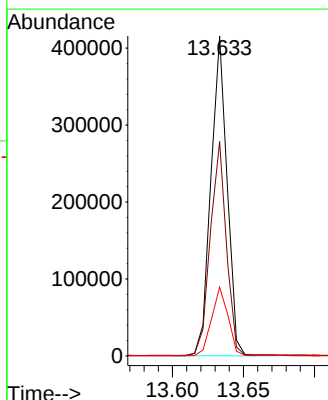
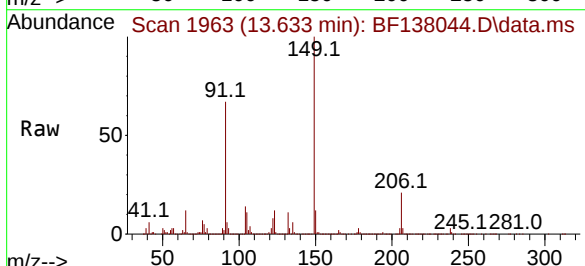
Tgt Ion:149 Resp: 328627

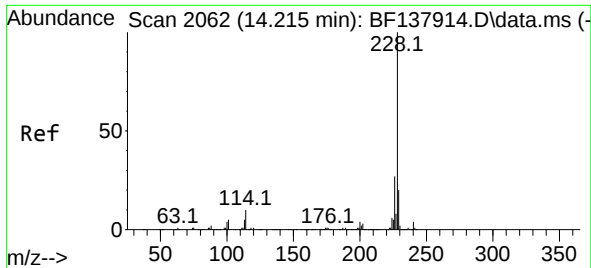
Ion Ratio Lower Upper

149 100

91 67.0 54.2 81.4

206 21.5 18.1 27.1

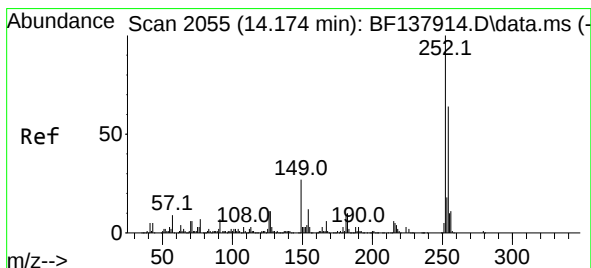
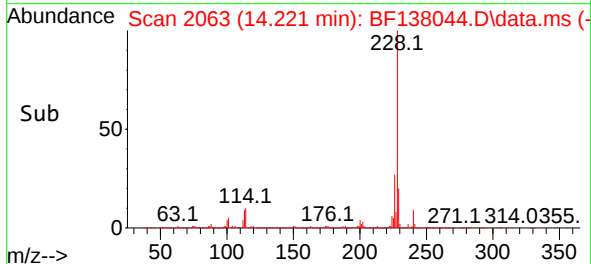
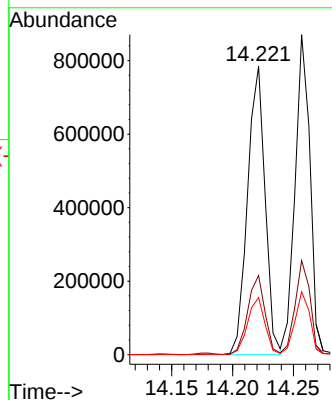
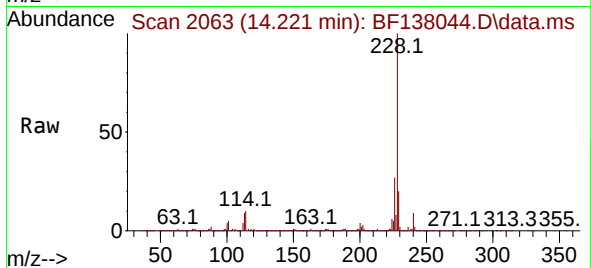




#81
Benzo(a)anthracene
Concen: 44.047 ng
RT: 14.221 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

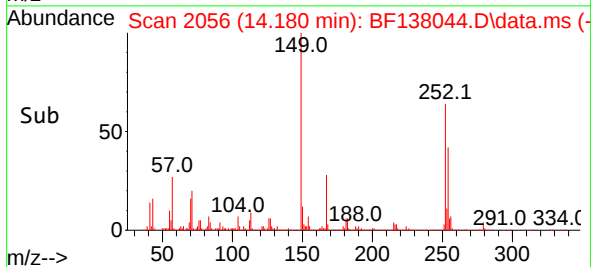
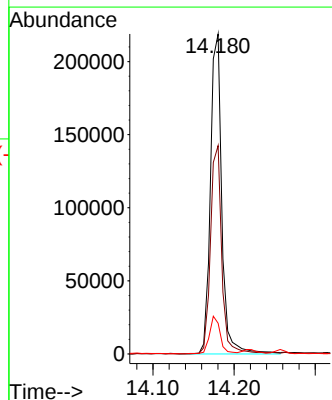
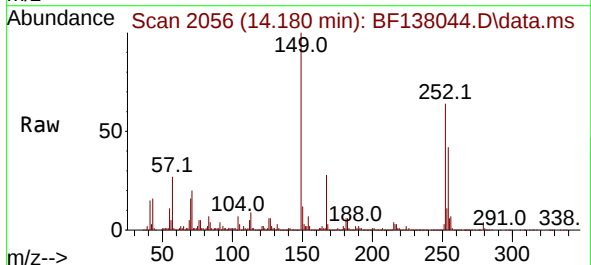
Instrument :
BNA_F
ClientSampleId :
72-11933MS

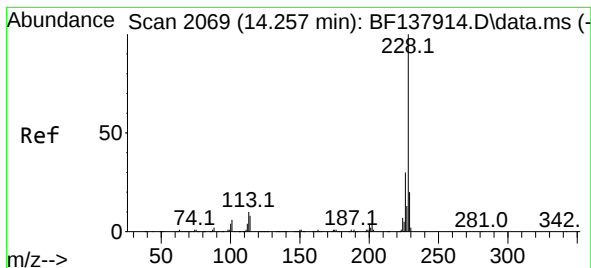
Tgt Ion:228 Resp: 788452
Ion Ratio Lower Upper
228 100
226 27.4 21.3 31.9
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 42.872 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BF138044.D
Acq: 28 May 2024 13:40

Tgt Ion:252 Resp: 212677
Ion Ratio Lower Upper
252 100
254 65.1 51.2 76.8
126 9.6 8.7 13.1





#83

Chrysene

Concen: 43.343 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

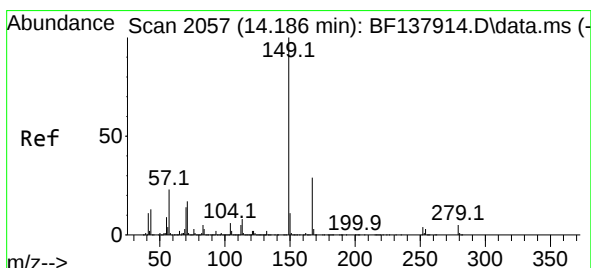
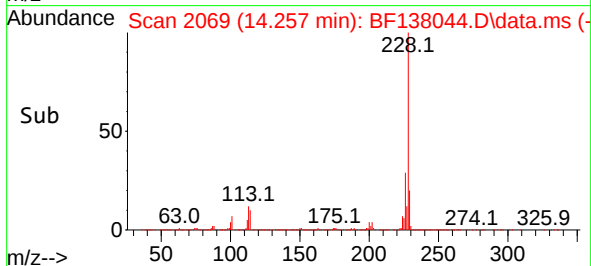
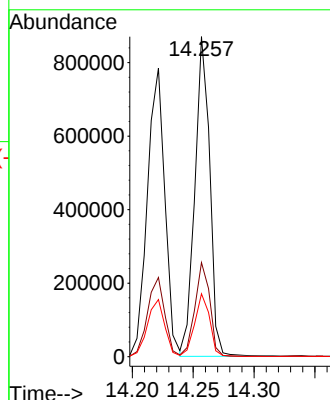
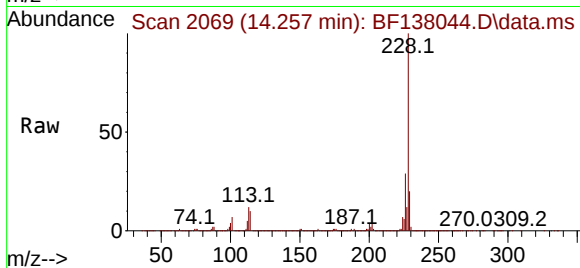
Tgt Ion:228 Resp: 742003

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.320 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

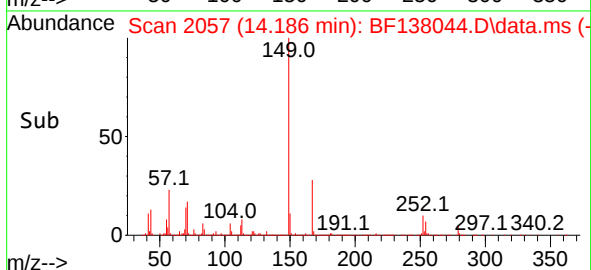
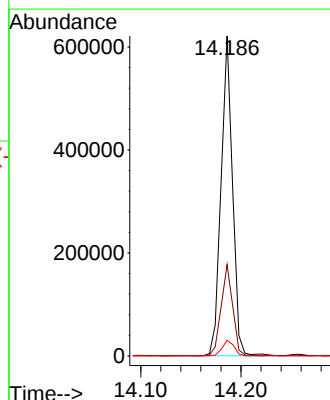
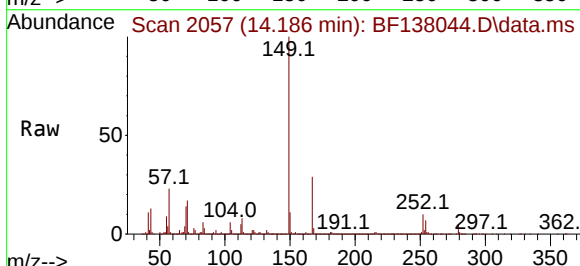
Tgt Ion:149 Resp: 490920

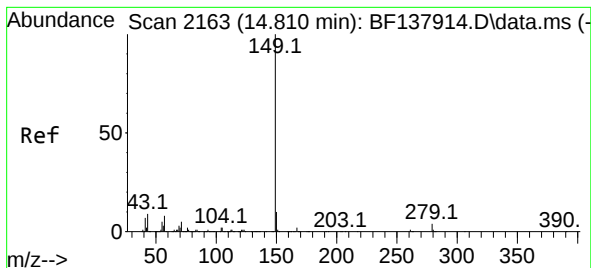
Ion Ratio Lower Upper

149 100

167 28.5 23.2 34.8

279 4.9 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 63.740 ng

RT: 14.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

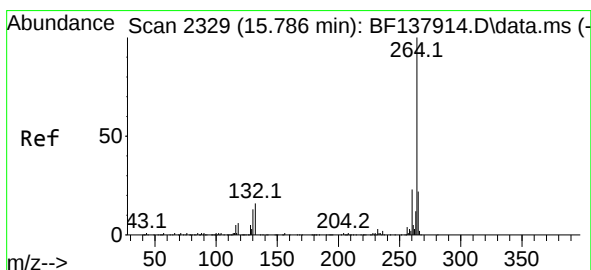
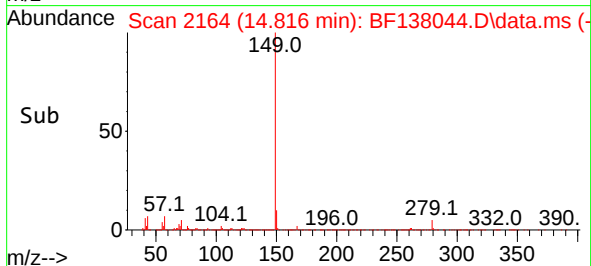
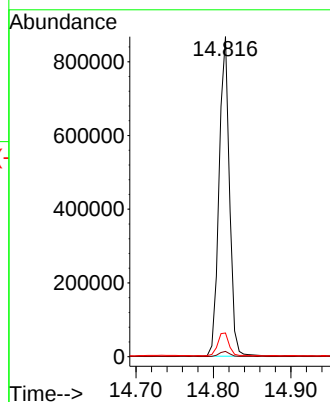
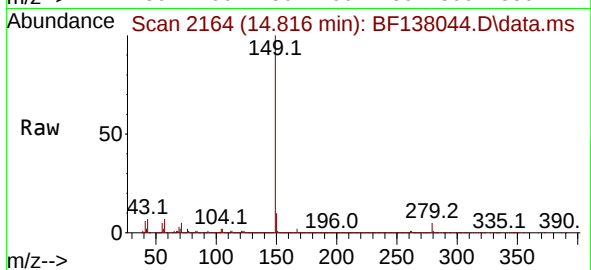
Tgt Ion:149 Resp: 807969

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 7.8 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 2331

Delta R.T. 0.012 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

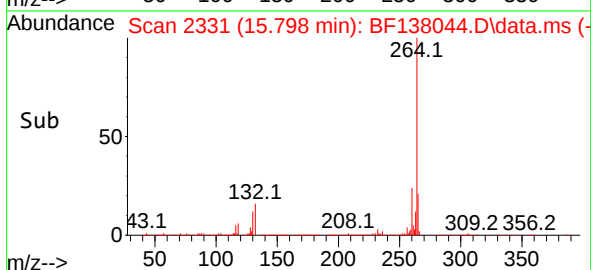
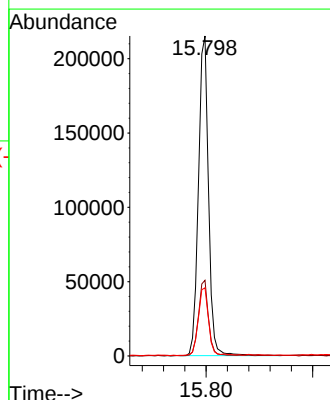
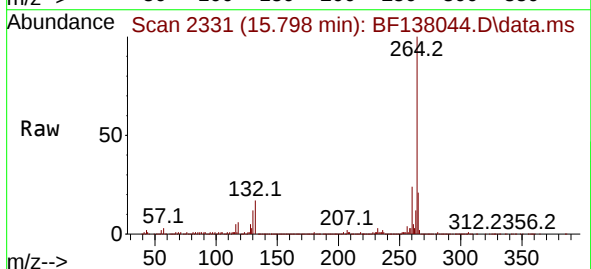
Tgt Ion:264 Resp: 282169

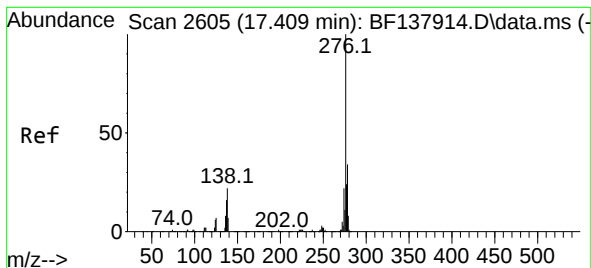
Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.3 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 32.574 ng

RT: 17.427 min Scan# 2

Delta R.T. 0.018 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

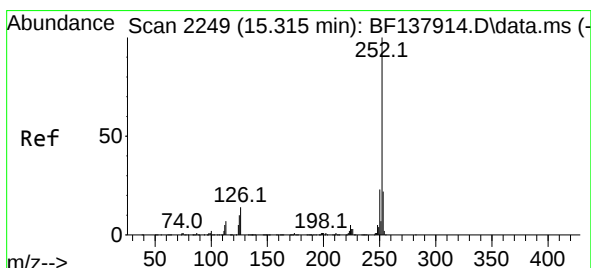
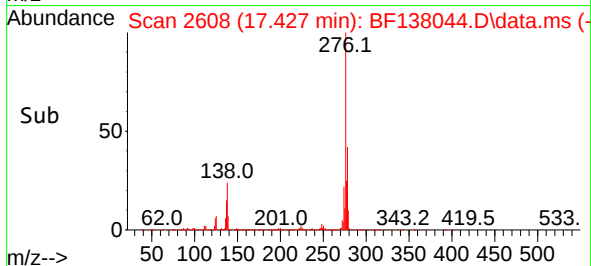
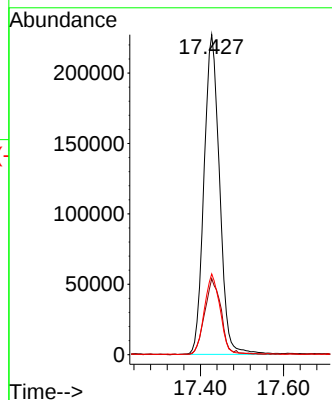
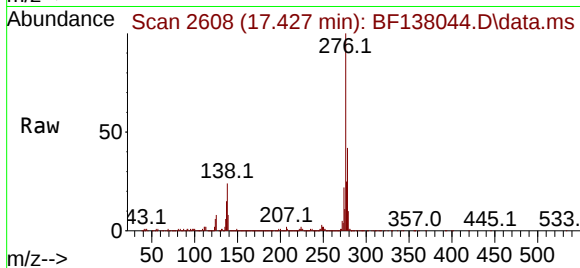
Tgt Ion:276 Resp: 590521

Ion Ratio Lower Upper

276 100

138 25.1 20.6 30.8

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.445 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.012 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

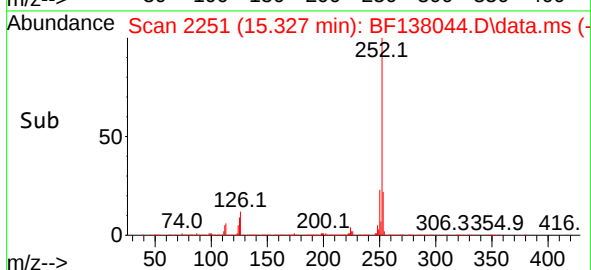
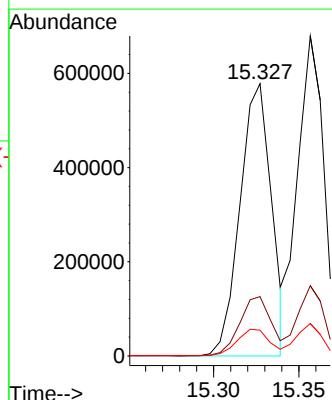
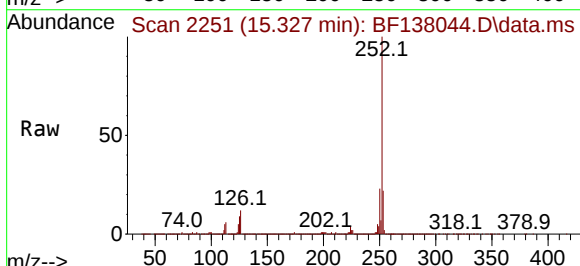
Tgt Ion:252 Resp: 742463

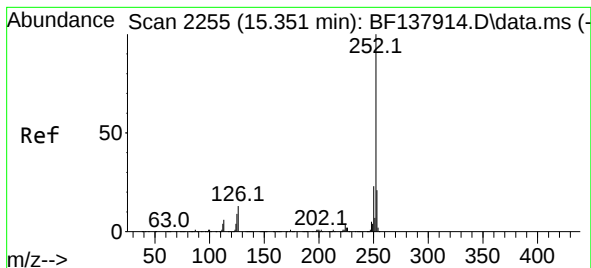
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.5 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 45.849 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

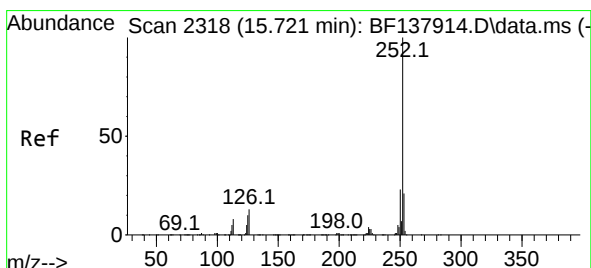
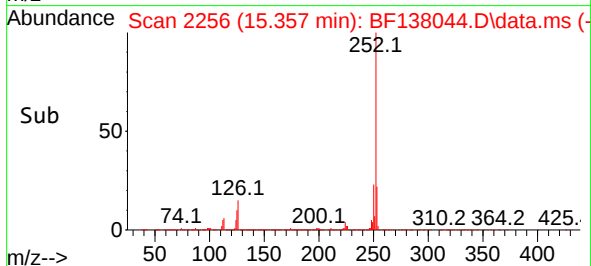
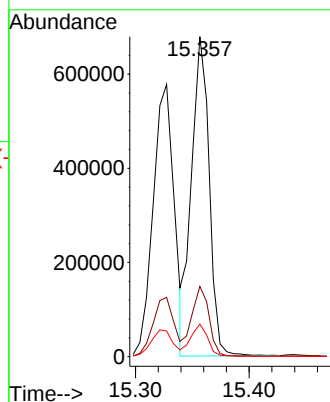
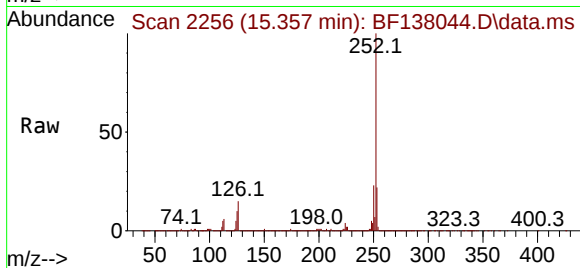
Tgt Ion:252 Resp: 735884

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.2 7.7 11.5



#90

Benzo(a)pyrene

Concen: 46.238 ng

RT: 15.727 min Scan# 2319

Delta R.T. 0.006 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

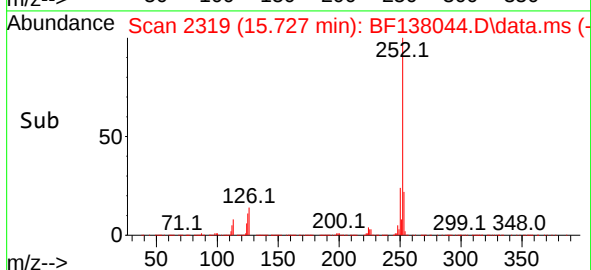
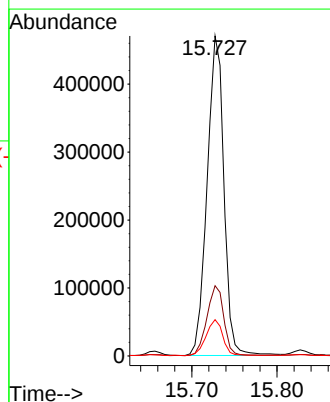
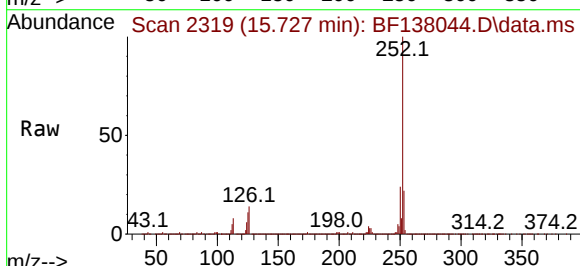
Tgt Ion:252 Resp: 645057

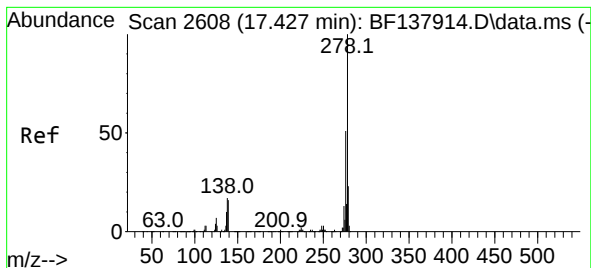
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 11.4 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 32.395 ng

RT: 17.445 min Scan# 2608

Delta R.T. 0.018 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Instrument :

BNA_F

ClientSampleId :

72-11933MS

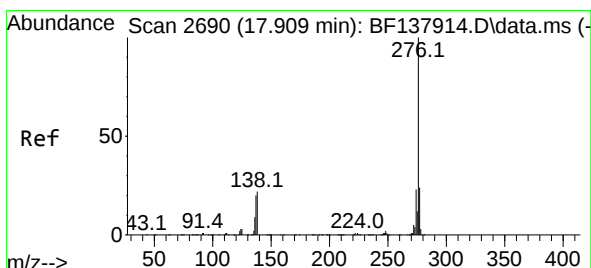
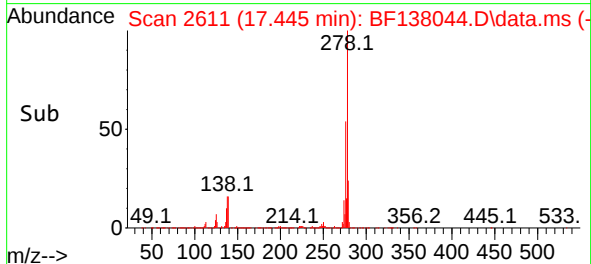
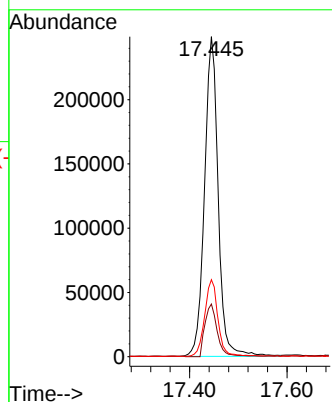
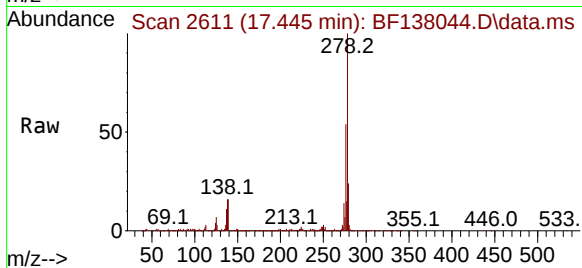
Tgt Ion:278 Resp: 485211

Ion Ratio Lower Upper

278 100

139 16.5 13.1 19.7

279 24.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 27.763 ng

RT: 17.921 min Scan# 2692

Delta R.T. 0.012 min

Lab File: BF138044.D

Acq: 28 May 2024 13:40

Tgt Ion:276 Resp: 436842

Ion Ratio Lower Upper

276 100

277 22.8 18.9 28.3

138 21.3 17.6 26.4

