

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138033.D
 Acq On : 23 May 2024 18:01
 Operator : CG\JU
 Sample : P2578-01MSD 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-052224MSD

Quant Time: May 24 01:25:11 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	133930	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	490309	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	239805	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	343029	20.000	ng	0.00
76) Chrysene-d12	14.227	240	259127	20.000	ng	0.00
86) Perylene-d12	15.792	264	203582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	96215	12.203	ng	-0.01
7) Phenol-d6	6.640	99	120661	12.423	ng	-0.02
23) Nitrobenzene-d5	7.593	82	72015	8.644	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	26471	10.948	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	156737	10.068	ng	0.00
79) Terphenyl-d14	13.157	244	129725	7.378	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.934	88	26033	7.622	ng	96
3) Pyridine	3.710	79	57011	7.439	ng	98
4) n-Nitrosodimethylamine	3.652	42	27431	8.113	ng	86
6) Aniline	6.693	93	41950	4.829	ng	96
8) 2-Chlorophenol	6.816	128	80008	9.377	ng	97
9) Benzaldehyde	6.587	77	12641	2.406	ng	95
10) Phenol	6.657	94	89253	9.104	ng	94
11) bis(2-Chloroethyl)ether	6.757	93	70721	9.395	ng	98
12) 1,3-Dichlorobenzene	6.975	146	88731	8.988	ng	97
13) 1,4-Dichlorobenzene	7.051	146	88525	8.933	ng	99
14) 1,2-Dichlorobenzene	7.204	146	85413	9.158	ng	98
15) Benzyl Alcohol	7.163	79	59611	9.191	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.293	45	89732	9.698	ng	99
17) 2-Methylphenol	7.269	107	60903	8.950	ng	98
18) Hexachloroethane	7.545	117	27702	8.261	ng	93
19) n-Nitroso-di-n-propyla...	7.428	70	51034	9.353	ng	98
20) 3+4-Methylphenols	7.422	107	77703	8.716	ng	98
22) Acetophenone	7.434	105	108994	9.923	ng	# 97
24) Nitrobenzene	7.610	77	73417	8.686	ng	99
25) Isophorone	7.845	82	137887	9.536	ng	98
26) 2-Nitrophenol	7.928	139	37841	8.910	ng	96
27) 2,4-Dimethylphenol	7.951	122	53493	9.783	ng	99
28) bis(2-Chloroethoxy)met...	8.051	93	85970	9.810	ng	98
29) 2,4-Dichlorophenol	8.169	162	61594	8.958	ng	96
30) 1,2,4-Trichlorobenzene	8.257	180	69125	9.004	ng	96
31) Naphthalene	8.340	128	227121	9.213	ng	99
32) Benzoic acid	8.028	122	26984m	5.838	ng	
33) 4-Chloroaniline	8.381	127	43581	5.393	ng	97
34) Hexachlorobutadiene	8.451	225	42878	8.824	ng	98
35) Caprolactam	8.722	113	17338	8.704	ng	88
36) 4-Chloro-3-methylphenol	8.851	107	59086	8.448	ng	97
37) 2-Methylnaphthalene	9.034	142	144601	9.125	ng	99
38) 1-Methylnaphthalene	9.134	142	132414	8.499	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	66644	10.222	ng	99
41) Hexachlorocyclopentadiene	9.181	237	11469	4.630	ng	99
43) 2,4,6-Trichlorophenol	9.304	196	39738	9.296	ng	98

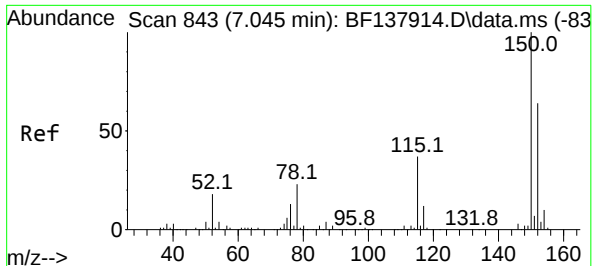
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
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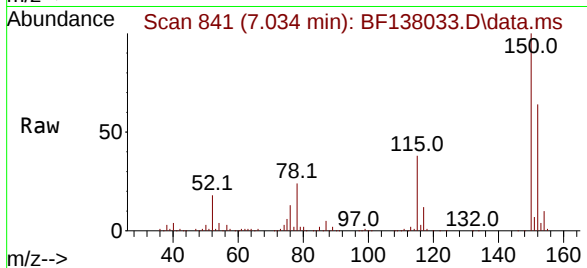
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.345	196	38509	8.233	ng	97
46) 1,1'-Biphenyl	9.492	154	173677	10.326	ng	97
47) 2-Chloronaphthalene	9.522	162	129973	9.680	ng	99
48) 2-Nitroaniline	9.616	65	32209	9.368	ng	94
49) Acenaphthylene	9.939	152	195766	10.140	ng	99
50) Dimethylphthalate	9.786	163	157099	10.447	ng	99
51) 2,6-Dinitrotoluene	9.851	165	30562	8.855	ng	95
52) Acenaphthene	10.116	154	111189	8.714	ng	99
53) 3-Nitroaniline	10.028	138	26100	7.735	ng	85
54) 2,4-Dinitrophenol	10.134	184	2418	8.151	ng	88
55) Dibenzofuran	10.286	168	173784	9.358	ng	96
56) 4-Nitrophenol	10.175	139	36485	15.056	ng	93
57) 2,4-Dinitrotoluene	10.257	165	36314	8.139	ng	92
58) Fluorene	10.633	166	131328	8.941	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.398	232	30048	8.178	ng	96
60) Diethylphthalate	10.486	149	140916	10.034	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	66690	9.207	ng	90
62) 4-Nitroaniline	10.633	138	27381	8.556	ng	96
63) Azobenzene	10.781	77	112954	8.842	ng	98
66) n-Nitrosodiphenylamine	10.733	169	113486	10.788	ng	100
67) 4-Bromophenyl-phenylether	11.110	248	37863	10.068	ng	98
68) Hexachlorobenzene	11.181	284	36726	8.835	ng	99
69) Atrazine	11.257	200	35078	12.211	ng	98
70) Pentachlorophenol	11.375	266	36571	15.019	ng	98
71) Phenanthrene	11.598	178	168258	9.954	ng	99
72) Anthracene	11.651	178	169813	10.125	ng	98
73) Carbazole	11.804	167	146492	9.561	ng	99
74) Di-n-butylphthalate	12.122	149	184328	10.841	ng	99
75) Fluoranthene	12.792	202	179545	10.464	ng	99
77) Benzidine	12.916	184	54661	16.141	ng	99
78) Pyrene	13.027	202	187619	8.278	ng	99
80) Butylbenzylphthalate	13.633	149	69622	10.184	ng	98
81) Benzo(a)anthracene	14.216	228	159306	9.717	ng	98
82) 3,3'-Dichlorobenzidine	14.174	252	41571	9.150	ng	93
83) Chrysene	14.251	228	158305	10.097	ng	98
84) Bis(2-ethylhexyl)phtha...	14.186	149	102157	11.888	ng	99
85) Di-n-octyl phthalate	14.816	149	166154	14.312	ng	99
87) Indeno(1,2,3-cd)pyrene	17.415	276	94090	7.194	ng	99
88) Benzo(b)fluoranthene	15.321	252	121553	10.312	ng	99
89) Benzo(k)fluoranthene	15.351	252	118597m	10.241	ng	
90) Benzo(a)pyrene	15.721	252	103619	10.295	ng	# 93
91) Dibenzo(a,h)anthracene	17.439	278	75894	7.023	ng	93
92) Benzo(g,h,i)perylene	17.915	276	70997	6.254	ng	94

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

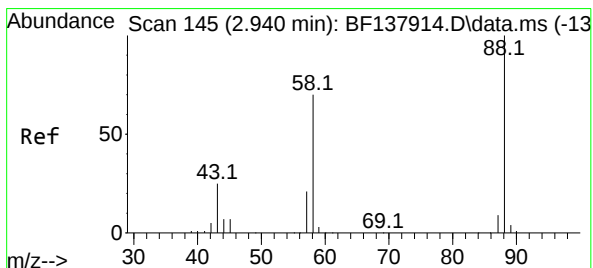
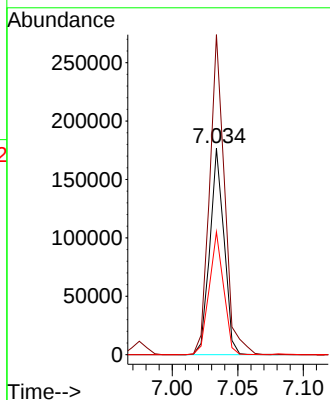
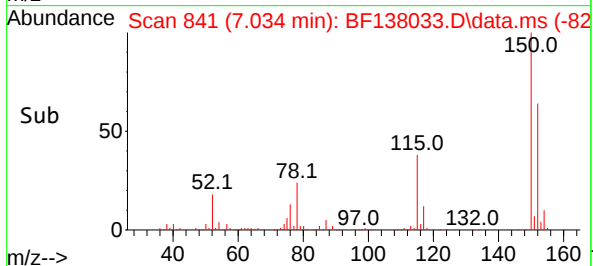


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Instrument :
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OR-02-052224MSD

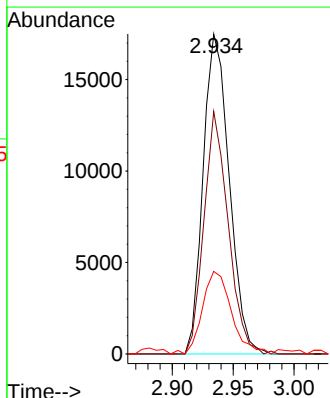
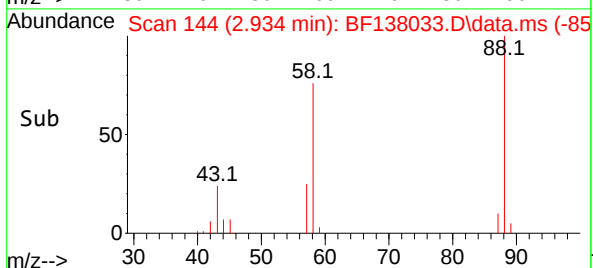
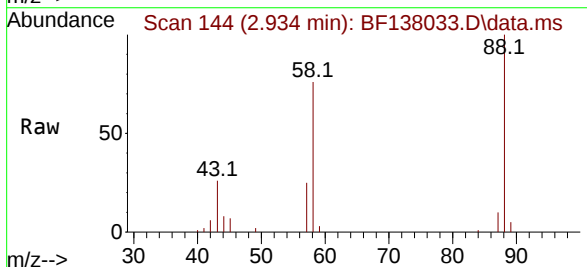


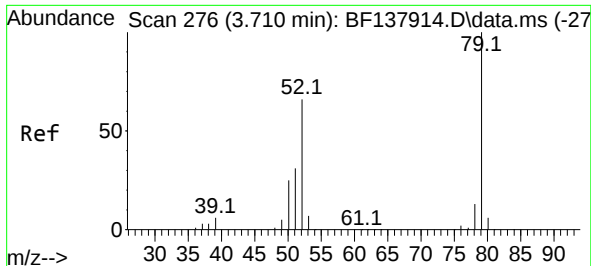
Tgt Ion:152 Resp: 133930
Ion Ratio Lower Upper
152 100
150 155.1 125.7 188.5
115 59.5 47.0 70.6



#2
1,4-Dioxane
Concen: 7.622 ng
RT: 2.934 min Scan# 144
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion: 88 Resp: 26033
Ion Ratio Lower Upper
88 100
58 70.5 54.4 81.6
43 28.5 19.6 29.4





#3

Pyridine

Concen: 7.439 ng

RT: 3.710 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

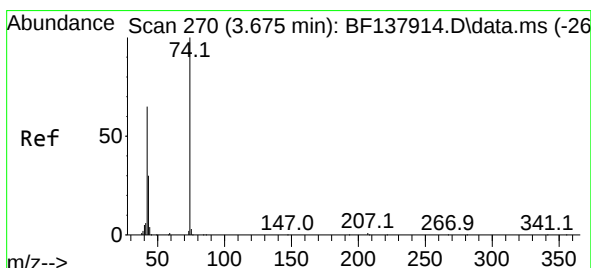
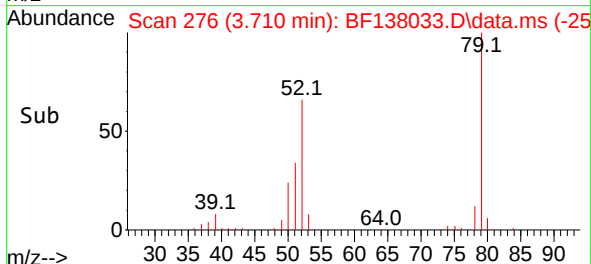
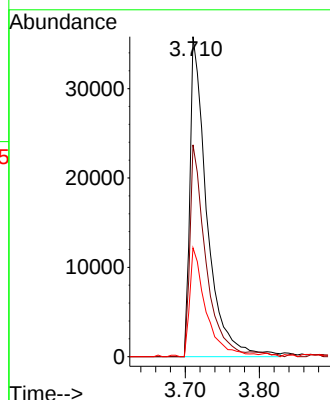
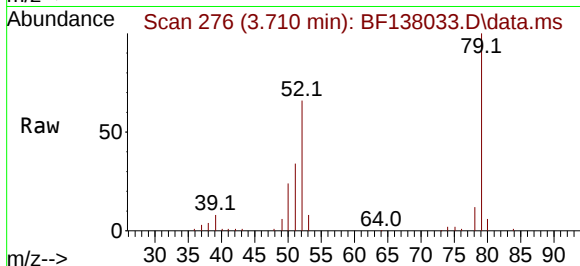
Tgt Ion: 79 Resp: 57011

Ion Ratio Lower Upper

79 100

52 66.2 52.5 78.7

51 34.0 25.1 37.7



#4

n-Nitrosodimethylamine

Concen: 8.113 ng

RT: 3.652 min Scan# 266

Delta R.T. -0.023 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

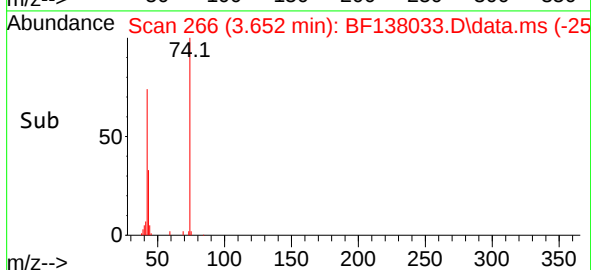
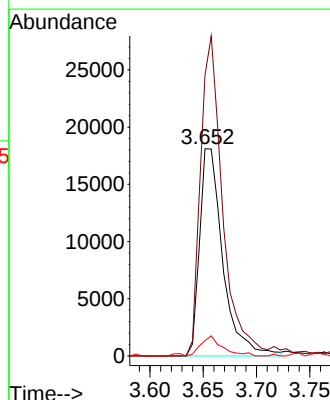
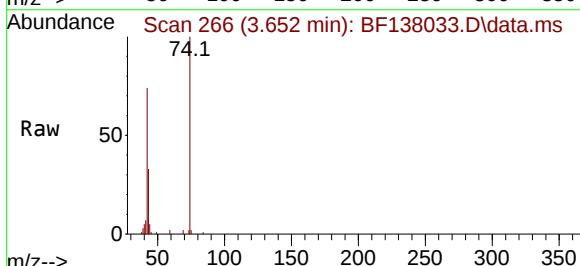
Tgt Ion: 42 Resp: 27431

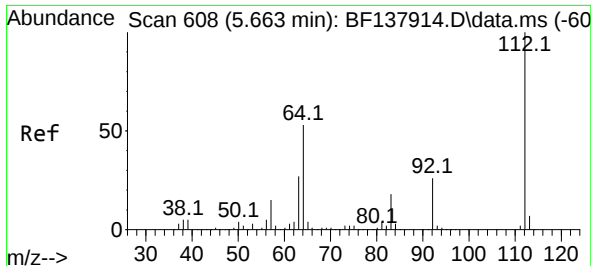
Ion Ratio Lower Upper

42 100

74 135.5 123.1 184.7

44 7.3 5.0 7.6

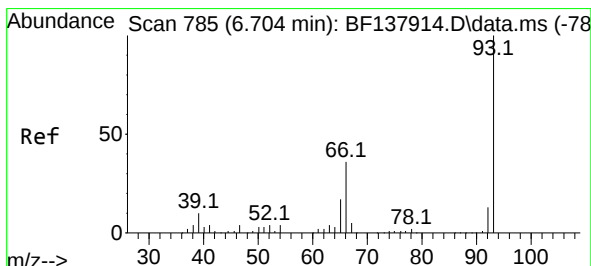
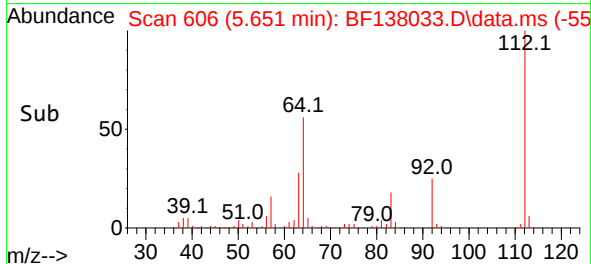
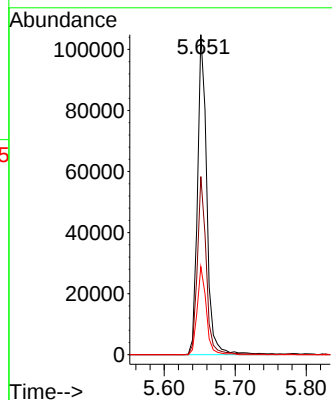
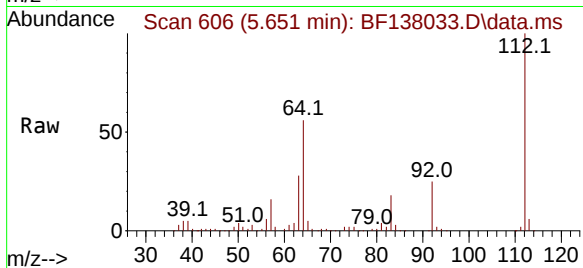




#5
2-Fluorophenol
Concen: 12.203 ng
RT: 5.651 min Scan# 608
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

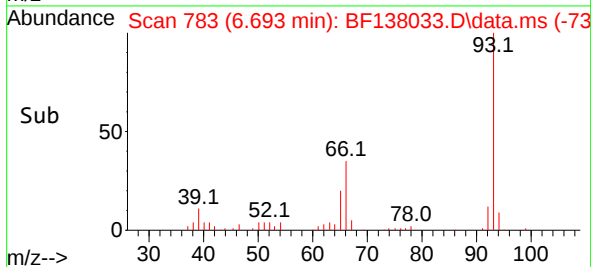
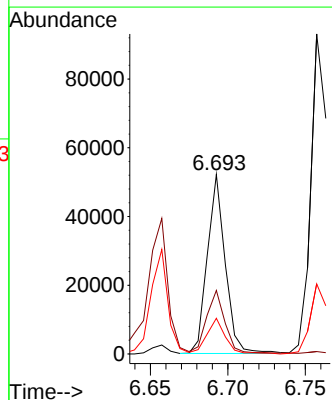
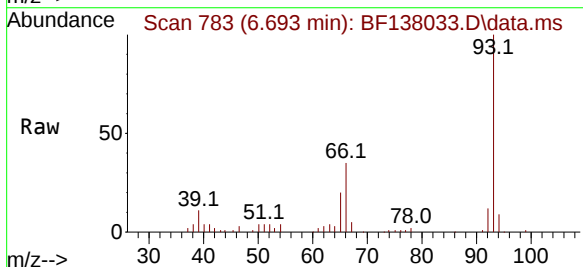
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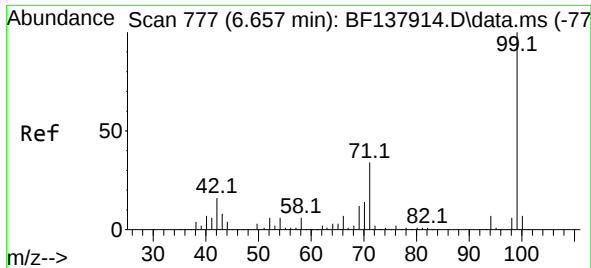
Tgt Ion:112 Resp: 96215
Ion Ratio Lower Upper
112 100
64 55.6 42.4 63.6
63 27.5 21.4 32.2



#6
Aniline
Concen: 4.829 ng
RT: 6.693 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion: 93 Resp: 41950
Ion Ratio Lower Upper
93 100
66 35.4 30.7 46.1
65 19.9 15.0 22.4





#7

Phenol-d6

Concen: 12.423 ng

RT: 6.640 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

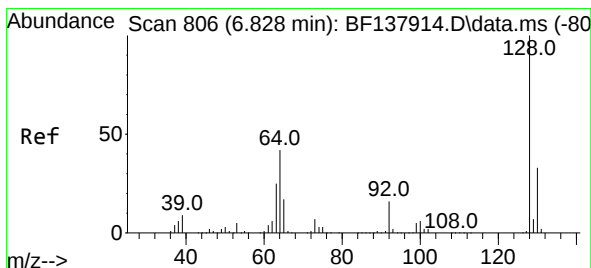
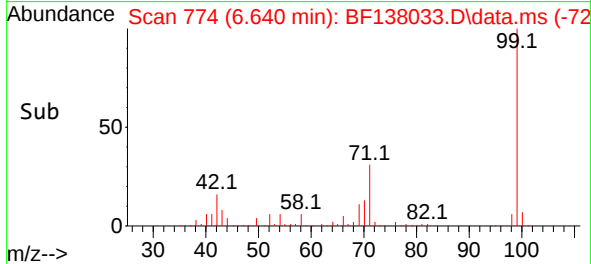
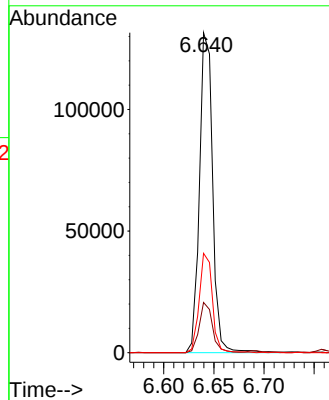
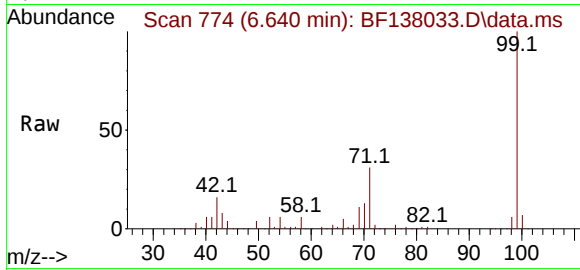
Tgt Ion: 99 Resp: 120661

Ion Ratio Lower Upper

99 100

42 15.7 12.6 18.8

71 31.0 27.1 40.7



#8

2-Chlorophenol

Concen: 9.377 ng

RT: 6.816 min Scan# 804

Delta R.T. -0.012 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

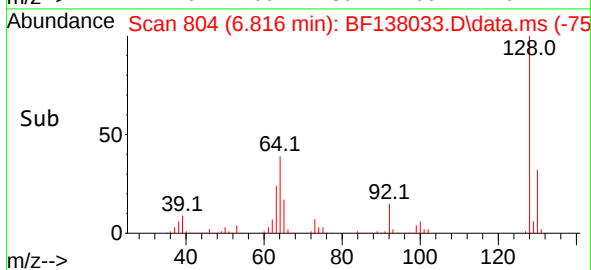
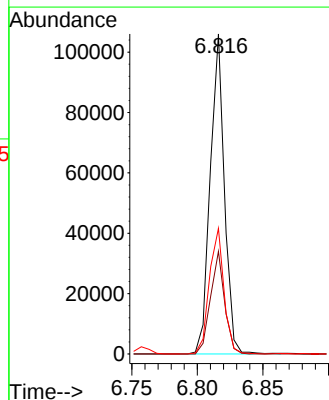
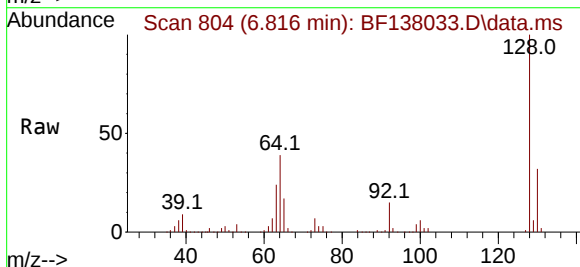
Tgt Ion: 128 Resp: 80008

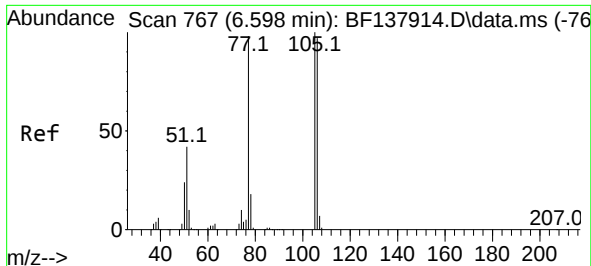
Ion Ratio Lower Upper

128 100

130 32.1 12.8 52.8

64 39.2 22.2 62.2

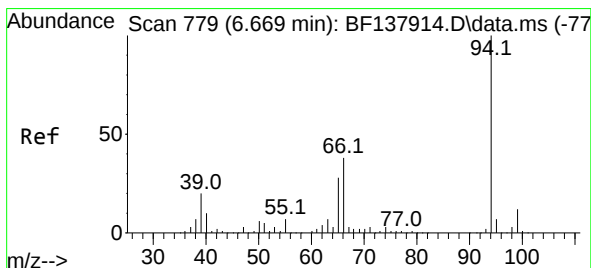
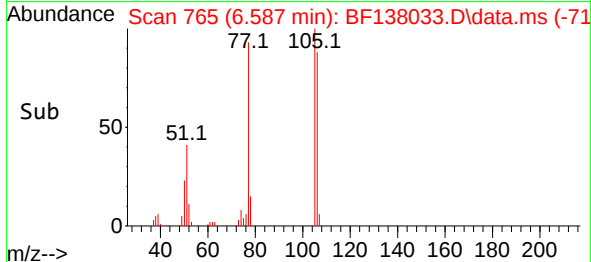
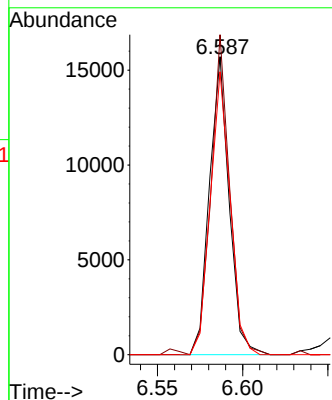
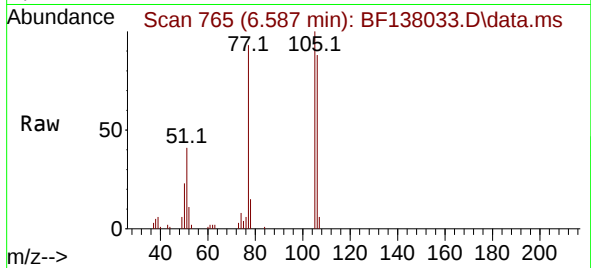




#9
Benzaldehyde
Concen: 2.406 ng
RT: 6.587 min Scan# 770
Delta R.T. -0.011 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

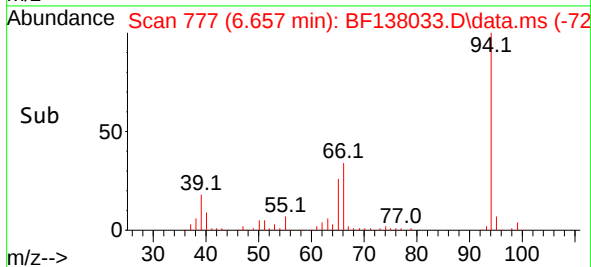
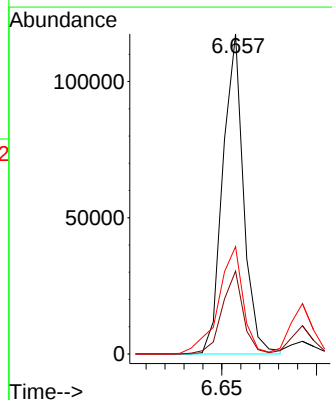
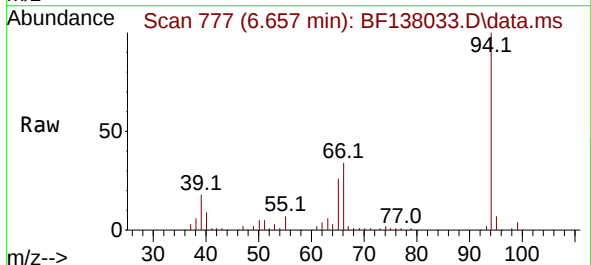
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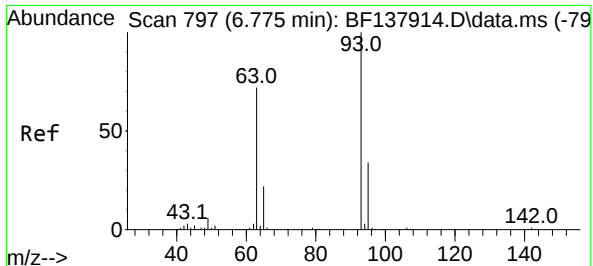
Tgt Ion: 77 Resp: 12641
Ion Ratio Lower Upper
77 100
105 107.3 82.3 122.3
106 94.9 79.2 119.2



#10
Phenol
Concen: 9.104 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion: 94 Resp: 89253
Ion Ratio Lower Upper
94 100
65 25.9 7.8 47.8
66 33.6 18.6 58.6

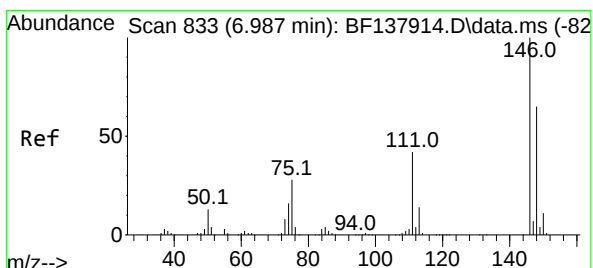
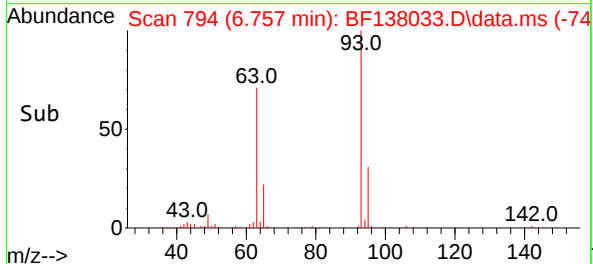
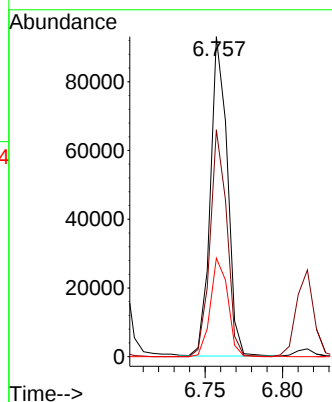
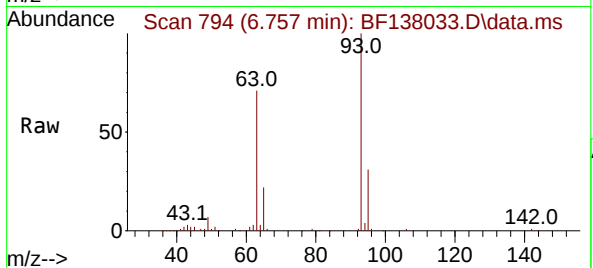




#11
bis(2-Chloroethyl)ether
Concen: 9.395 ng
RT: 6.757 min Scan# 797
Delta R.T. -0.017 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

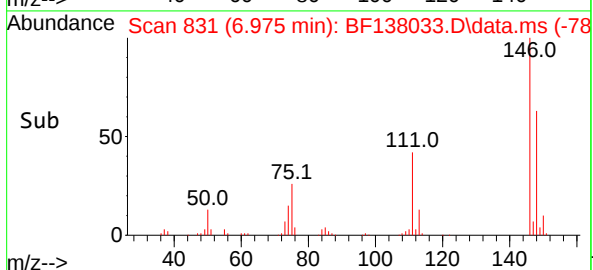
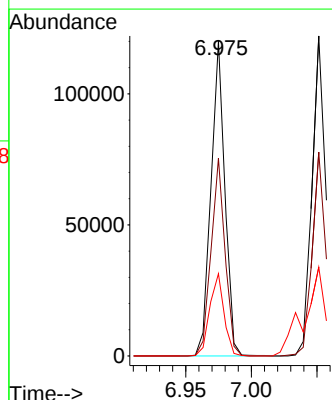
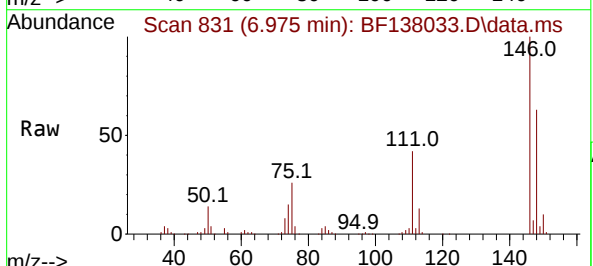
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

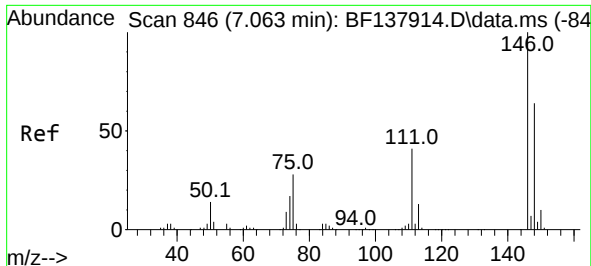
Tgt Ion: 93	Resp: 70721
Ion Ratio	Lower Upper
93 100	
63 70.9	51.4 91.4
95 30.8	13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 8.988 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:146	Resp:	88731	
Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.7	77.5
75	26.1	22.4	33.6





#13

1,4-Dichlorobenzene

Concen: 8.933 ng

RT: 7.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF138033.D

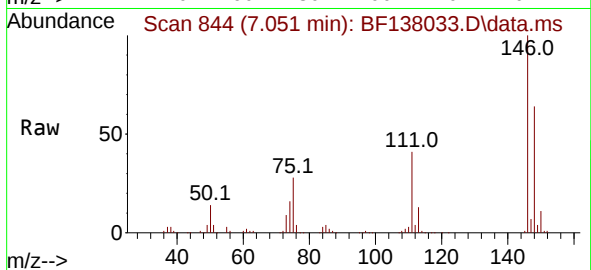
Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD



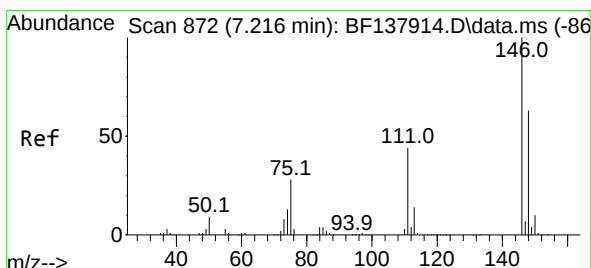
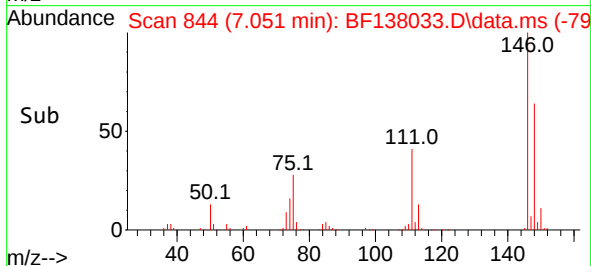
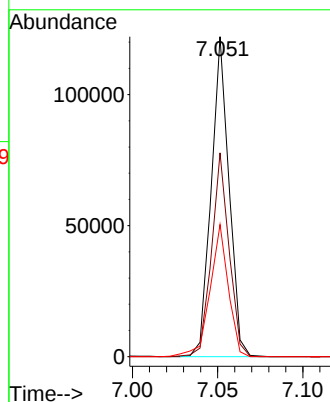
Tgt Ion:146 Resp: 88525

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.6

111 41.3 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 9.158 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

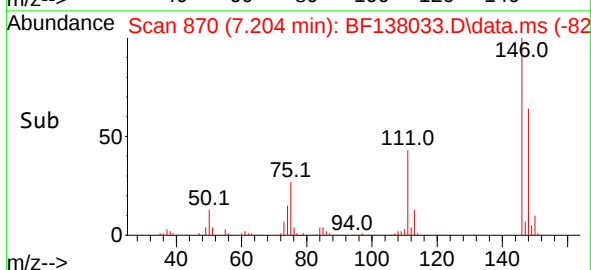
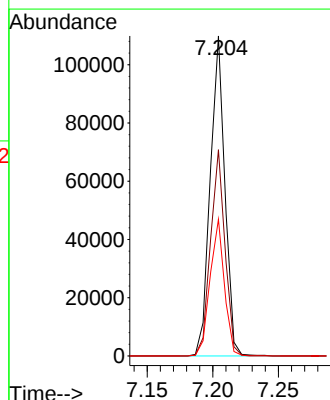
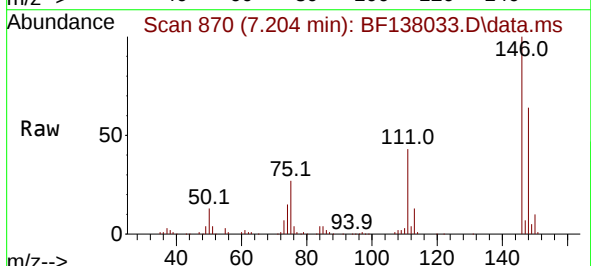
Tgt Ion:146 Resp: 85413

Ion Ratio Lower Upper

146 100

148 64.5 50.2 75.4

111 42.7 35.1 52.7

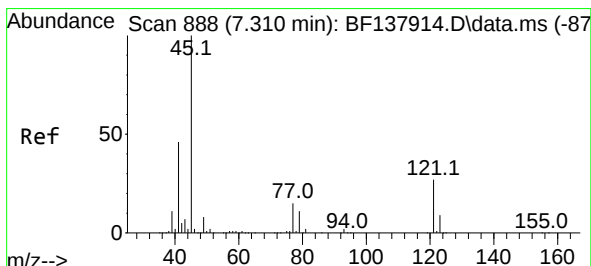
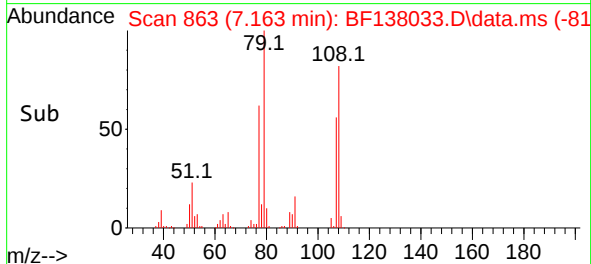
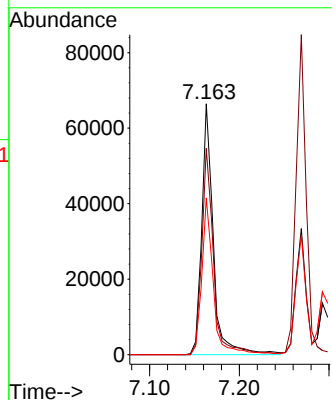
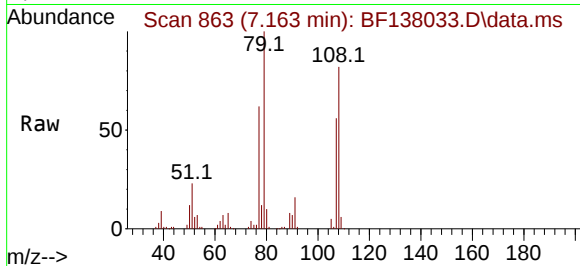




#15
Benzyl Alcohol
Concen: 9.191 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

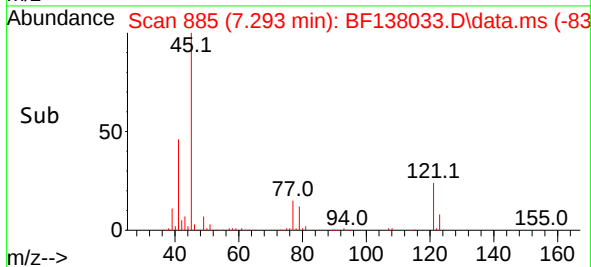
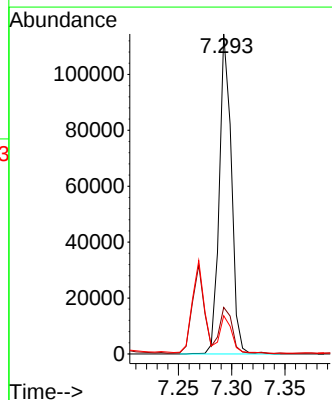
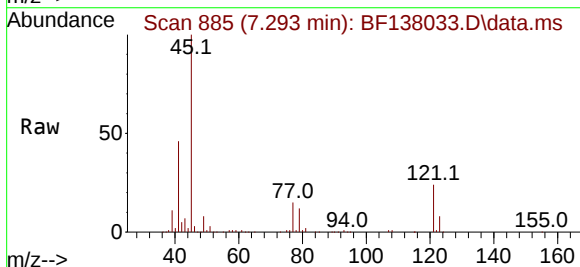
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

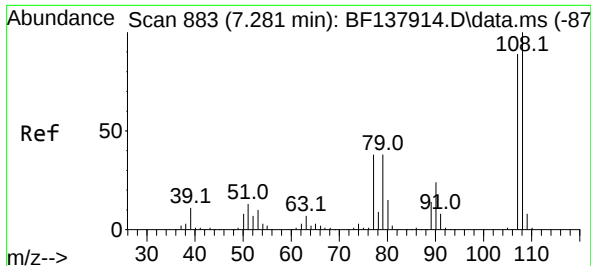
Tgt Ion: 79 Resp: 59611
Ion Ratio Lower Upper
79 100
108 82.2 62.8 94.2
77 62.5 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.698 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.017 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion: 45 Resp: 89732
Ion Ratio Lower Upper
45 100
77 14.5 0.0 35.3
79 11.9 0.0 32.1

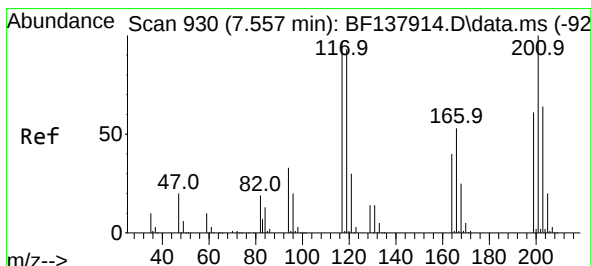
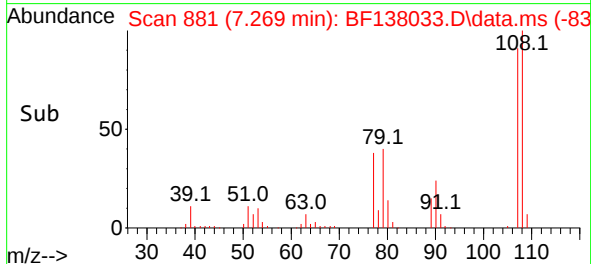
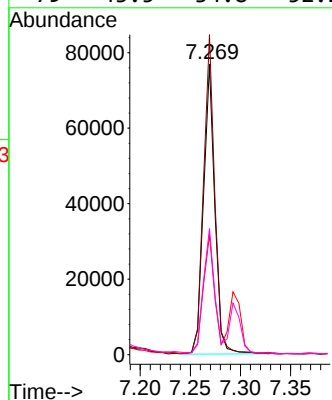
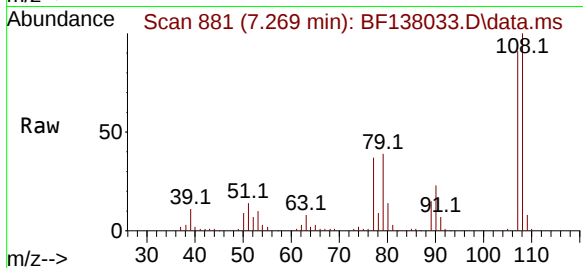




#17
2-Methylphenol
Concen: 8.950 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

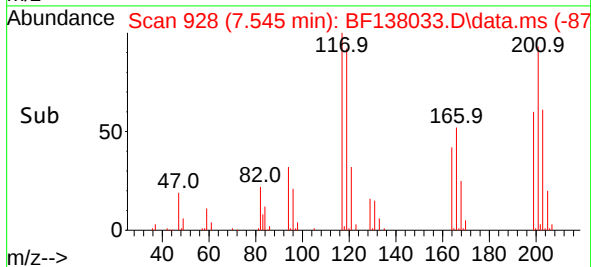
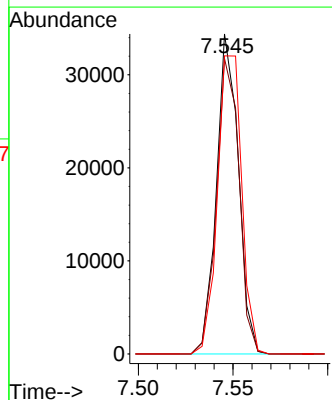
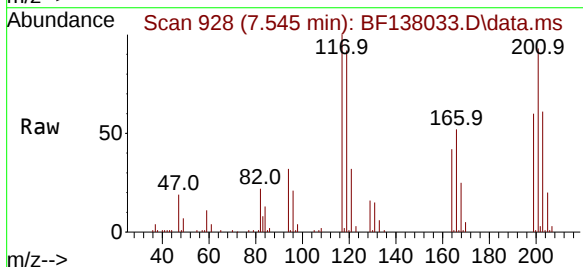
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

Tgt Ion:107	Resp:	60903
Ion	Ratio	Lower Upper
107	100	
108	110.2	90.1 135.1
77	41.3	34.3 51.5
79	43.5	34.8 52.2



#18
Hexachloroethane
Concen: 8.261 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:117	Resp:	27702
Ion	Ratio	Lower Upper
117	100	
119	92.3	76.8 115.2
201	93.1	82.7 124.1

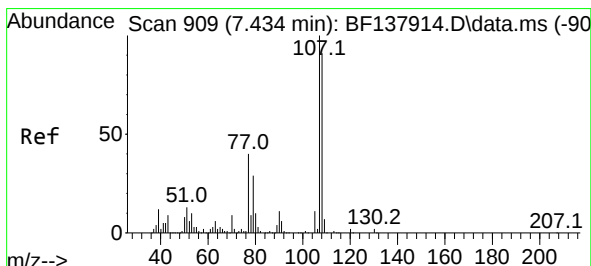
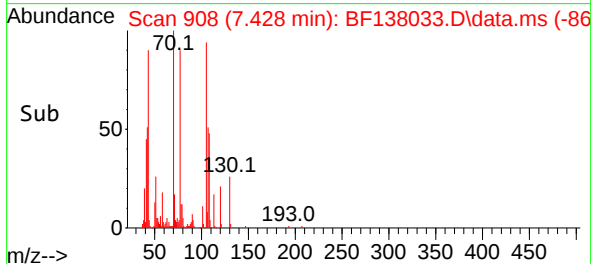
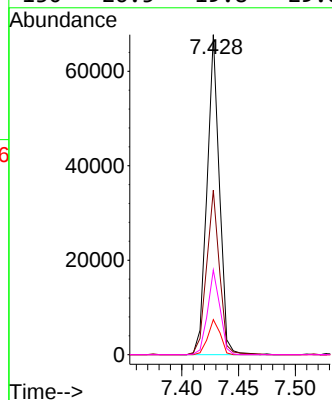
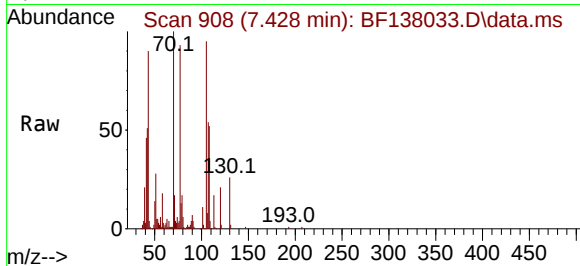




#19
n-Nitroso-di-n-propylamine
Concen: 9.353 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.023 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

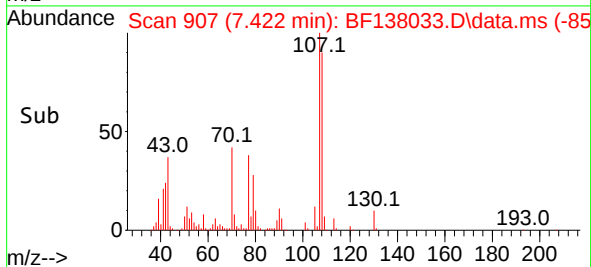
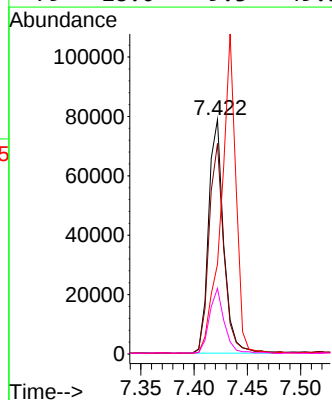
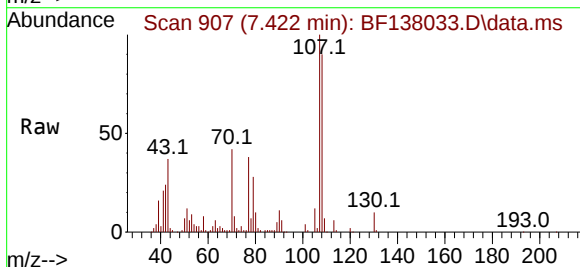
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

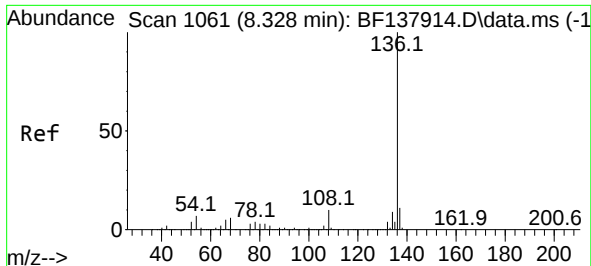
Tgt Ion:	70	Resp:	51034
Ion	Ratio	Lower	Upper
70	100		
42	51.4	42.2	63.4
101	10.9	8.8	13.2
130	26.5	19.8	29.8



#20
3+4-Methylphenols
Concen: 8.716 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

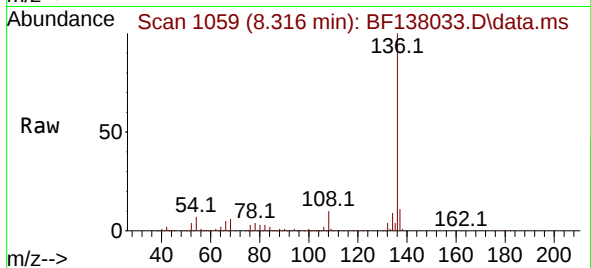
Tgt Ion:	107	Resp:	77703
Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.8	110.8
77	38.3	20.2	60.2
79	28.0	9.3	49.3



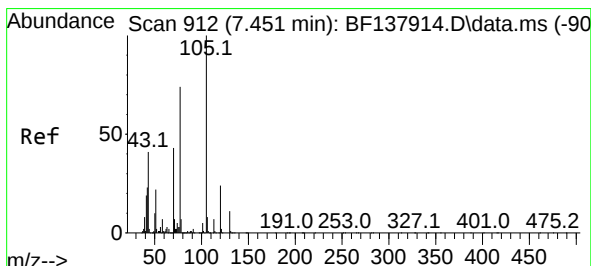
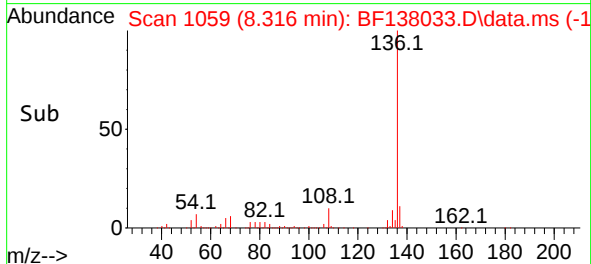
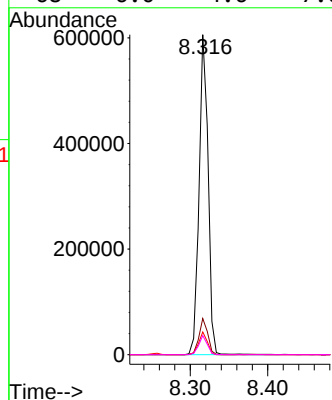


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

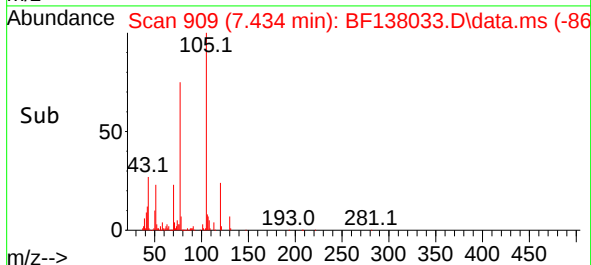
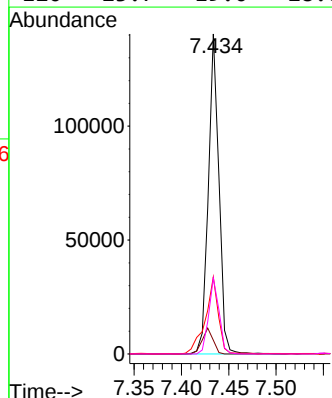
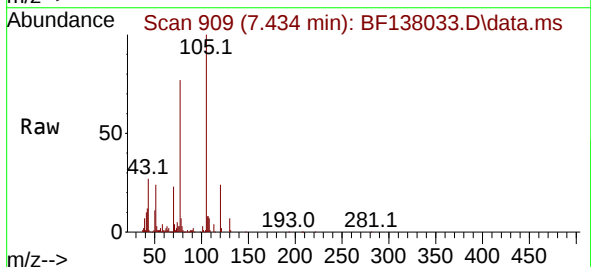


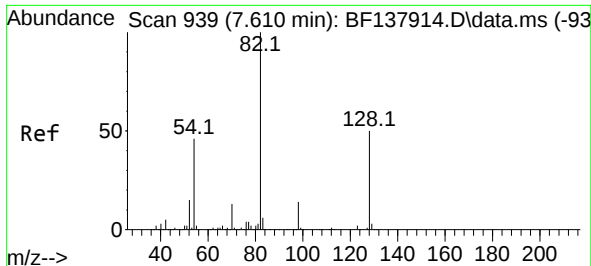
Tgt Ion:136 Resp: 490309
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.1 5.4 8.2
68 6.0 4.6 7.0



#22
Acetophenone
Concen: 9.923 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.017 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:105 Resp: 108994
Ion Ratio Lower Upper
105 100
71 4.3 5.7 8.5#
51 24.1 17.8 26.8
120 23.7 19.0 28.6

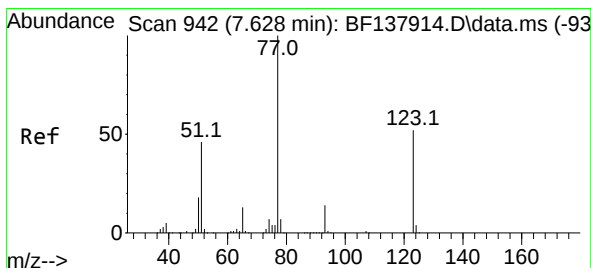
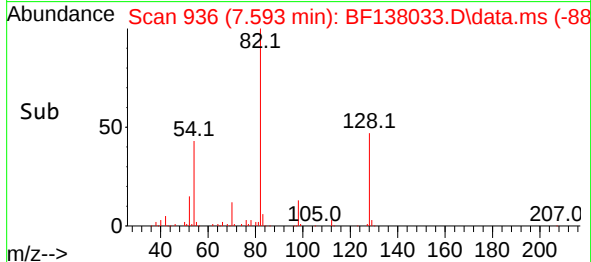
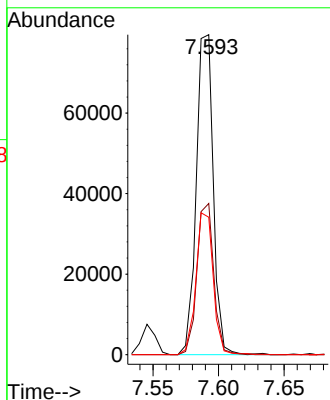
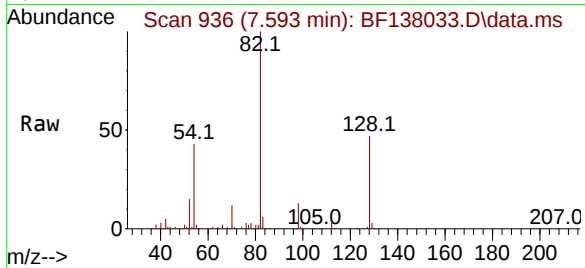




#23
Nitrobenzene-d5
Concen: 8.644 ng
RT: 7.593 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

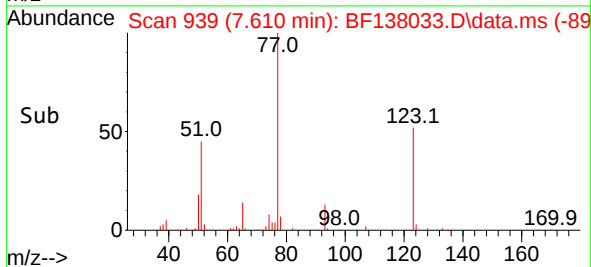
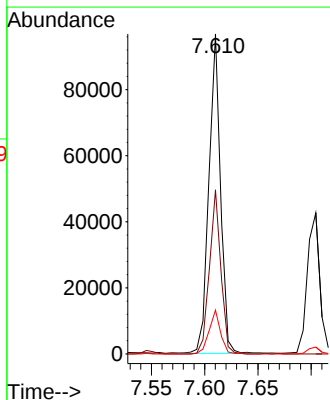
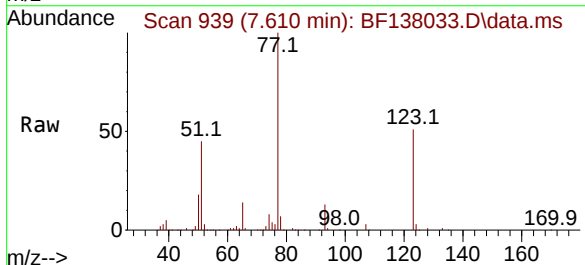
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

Tgt Ion: 82 Resp: 72015
Ion Ratio Lower Upper
82 100
128 47.3 40.3 60.5
54 43.0 36.8 55.2



#24
Nitrobenzene
Concen: 8.686 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.017 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion: 77 Resp: 73417
Ion Ratio Lower Upper
77 100
123 51.3 41.4 62.2
65 13.7 10.5 15.7

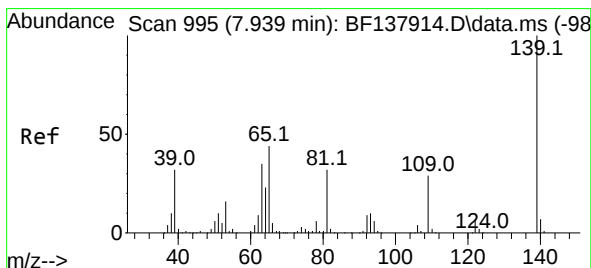
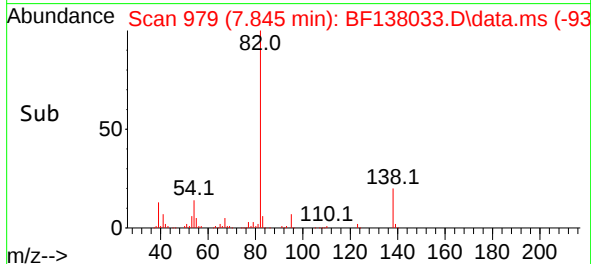
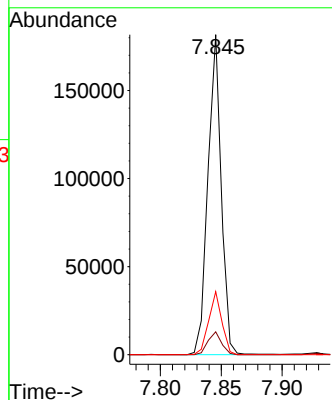
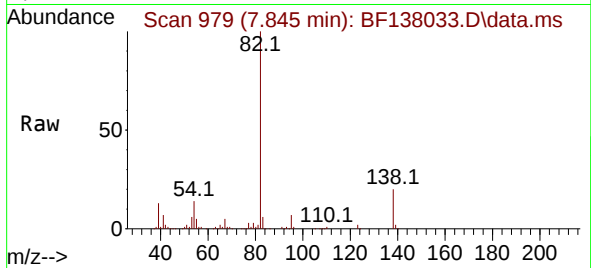




#25
Isophorone
Concen: 9.536 ng
RT: 7.845 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

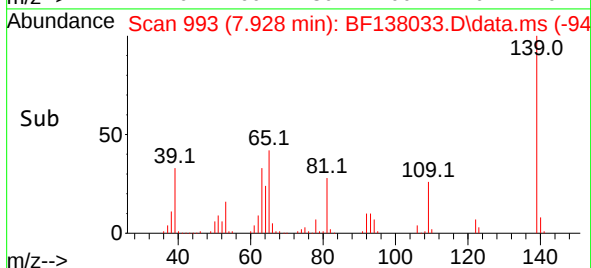
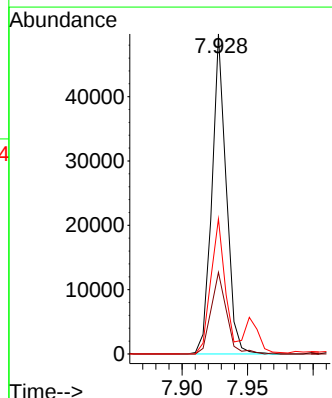
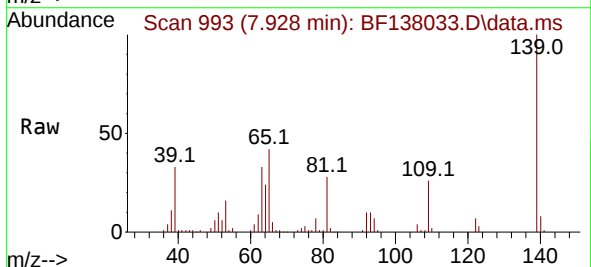
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

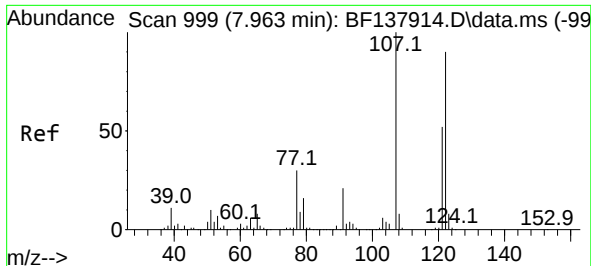
Tgt Ion: 82 Resp: 137887
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 19.7 15.0 22.4



#26
2-Nitrophenol
Concen: 8.910 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:139 Resp: 37841
Ion Ratio Lower Upper
139 100
109 25.5 22.8 34.2
65 42.2 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 9.783 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF138033.D

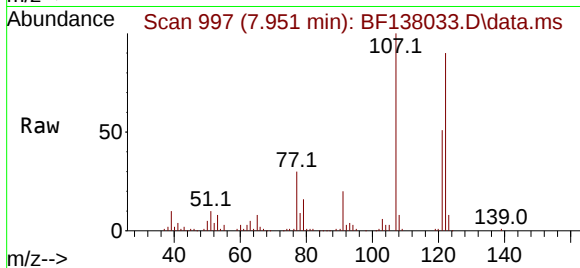
Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD



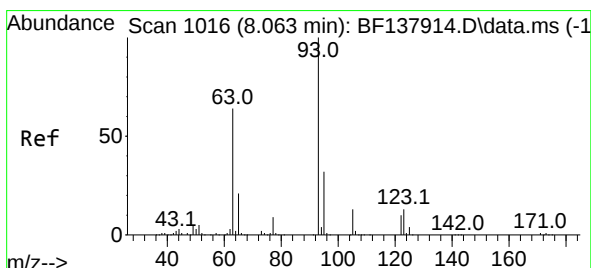
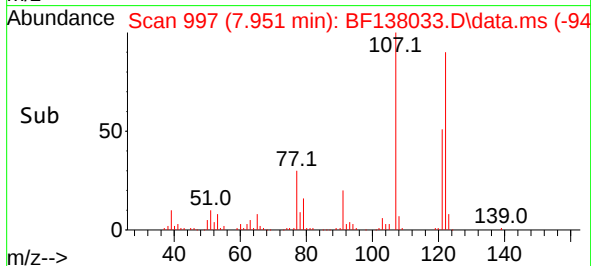
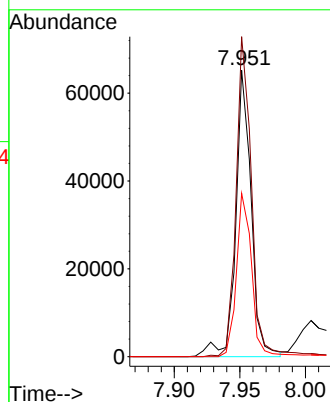
Tgt Ion:122 Resp: 53493

Ion Ratio Lower Upper

122 100

107 111.7 89.0 133.4

121 57.0 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 9.810 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

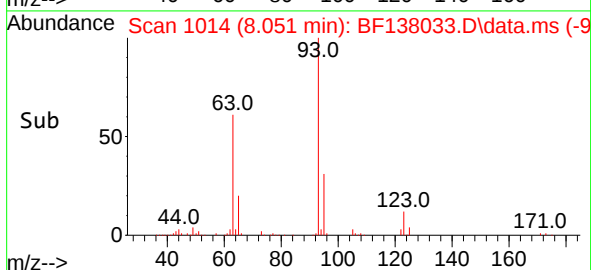
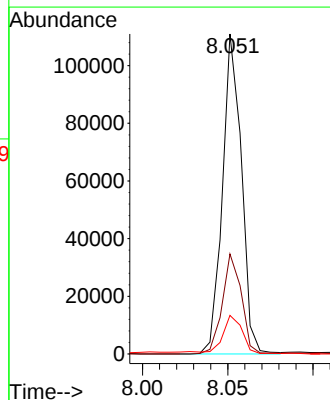
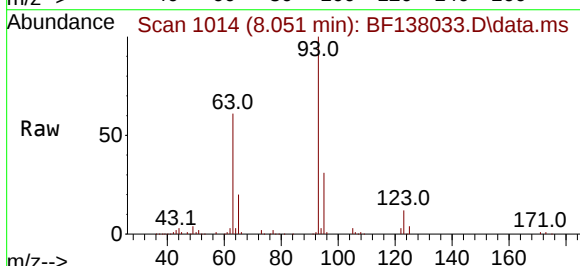
Tgt Ion: 93 Resp: 85970

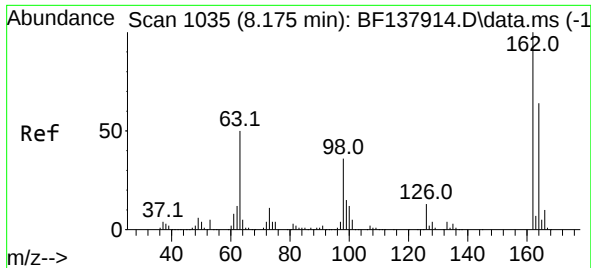
Ion Ratio Lower Upper

93 100

95 31.3 25.9 38.9

123 12.0 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 8.958 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

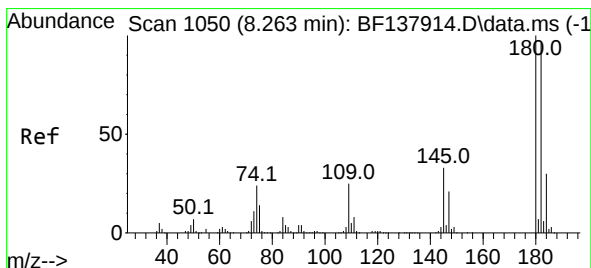
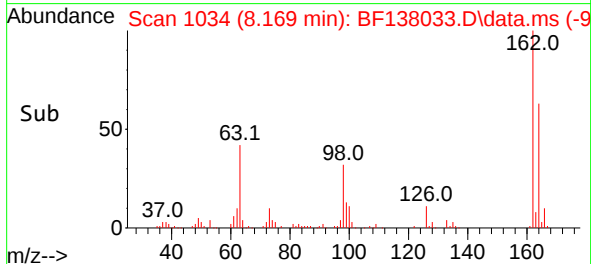
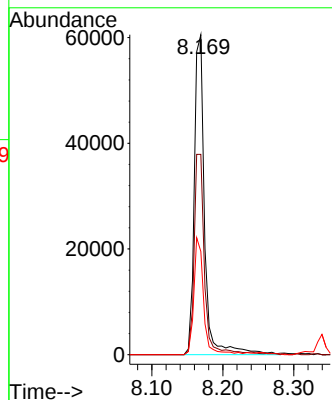
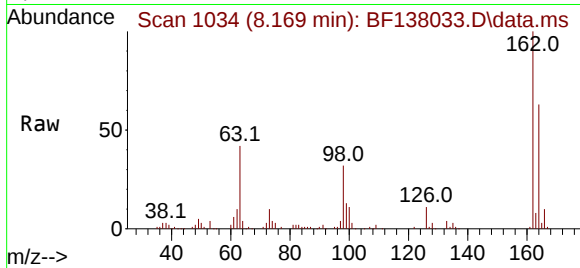
Tgt Ion:162 Resp: 61594

Ion Ratio Lower Upper

162 100

164 62.6 44.3 84.3

98 32.3 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 9.004 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

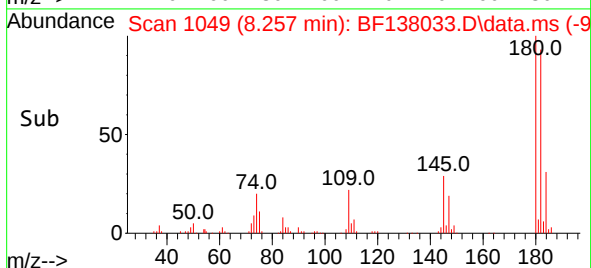
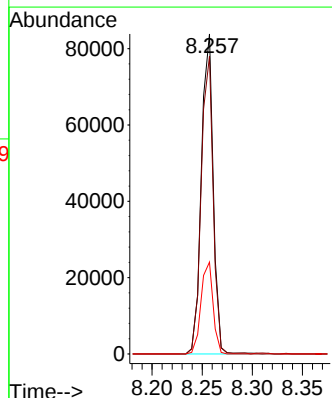
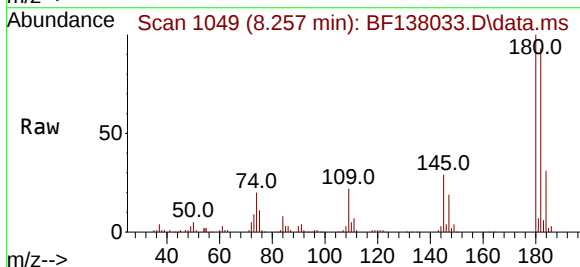
Tgt Ion:180 Resp: 69125

Ion Ratio Lower Upper

180 100

182 93.0 76.5 114.7

145 28.7 26.2 39.2

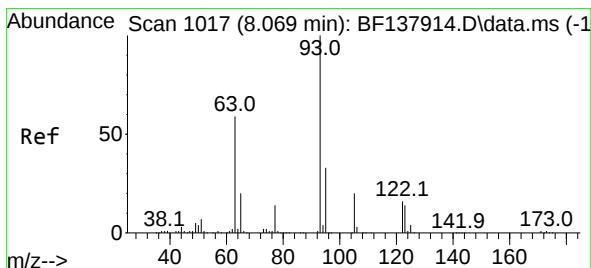
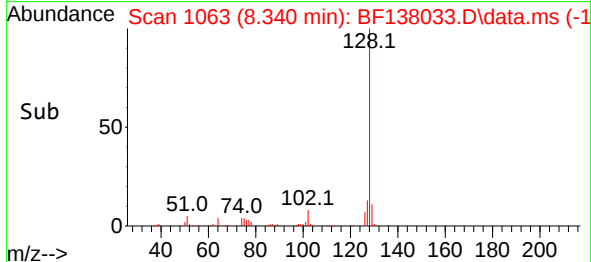
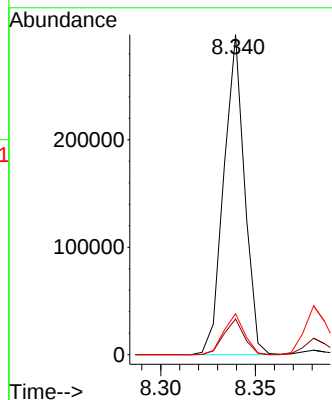
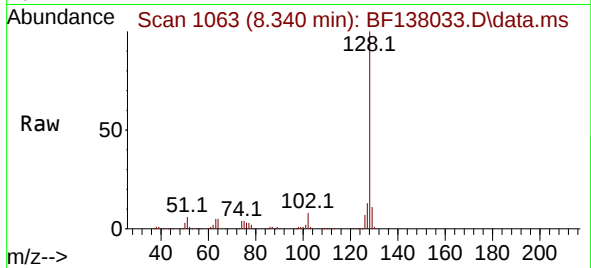




#31
Naphthalene
Concen: 9.213 ng
RT: 8.340 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

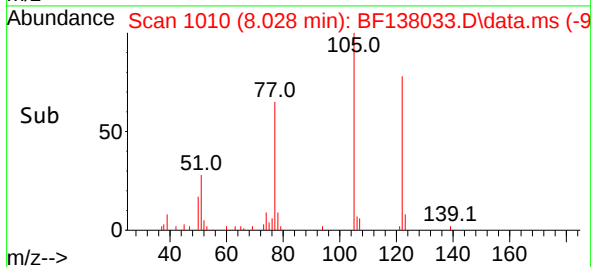
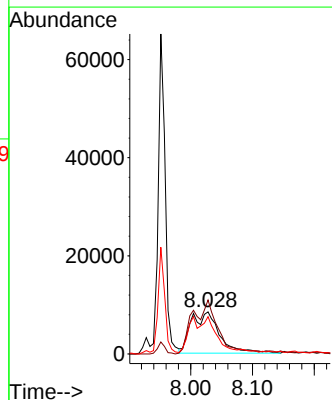
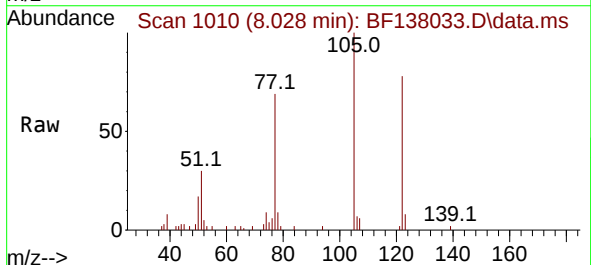
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

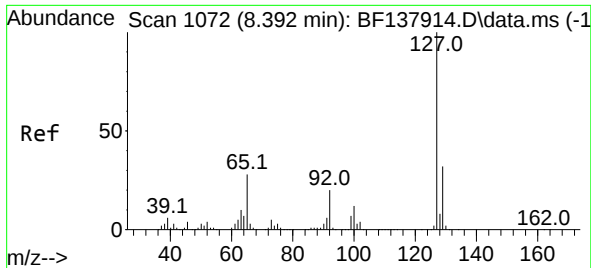
Tgt Ion:128 Resp: 227121
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.8 10.6 16.0



#32
Benzoic acid
Concen: 5.838 ng m
RT: 8.028 min Scan# 1010
Delta R.T. -0.041 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:122 Resp: 26984
Ion Ratio Lower Upper
122 100
105 128.3 103.8 143.8
77 88.8 68.4 108.4

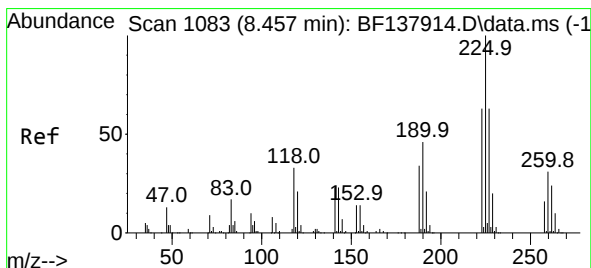
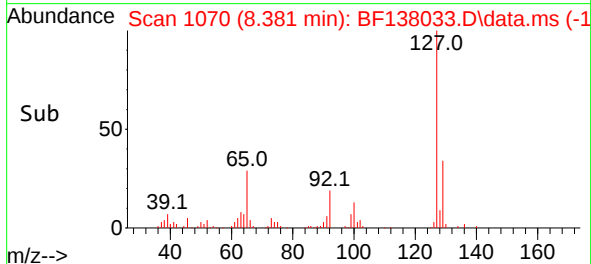
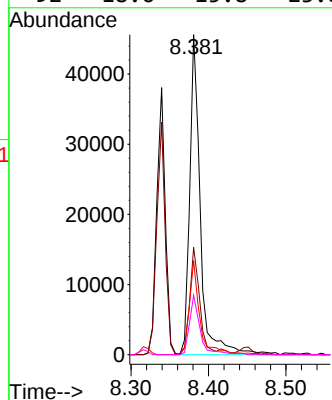
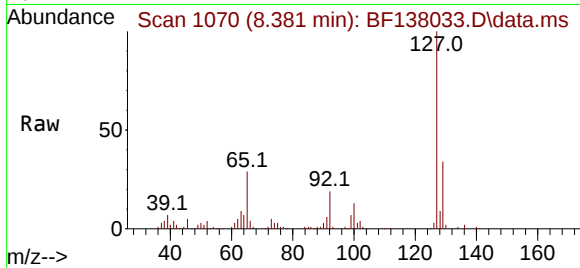




#33
4-Chloroaniline
Concen: 5.393 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

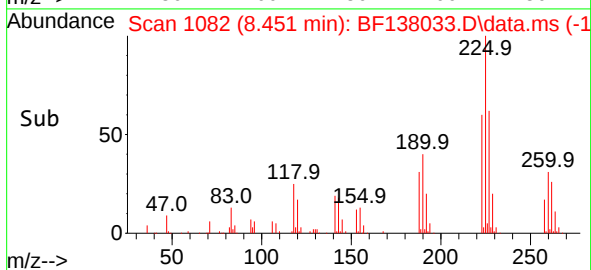
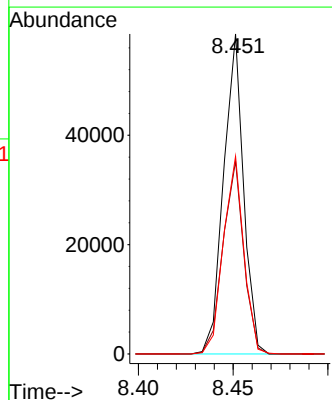
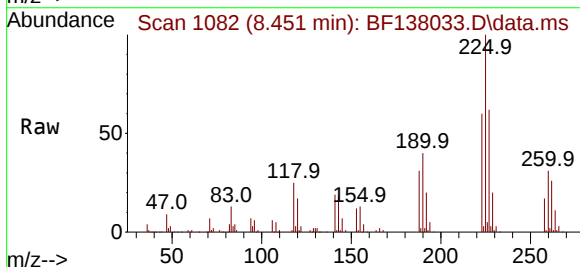
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

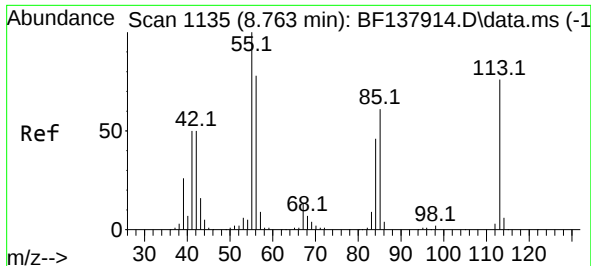
Tgt Ion:	127	Resp:	43581
Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.4	38.2
65	29.4	22.0	33.0
92	18.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 8.824 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:	225	Resp:	42878
Ion	Ratio	Lower	Upper
225	100		
223	60.3	50.0	75.0
227	61.8	50.2	75.4

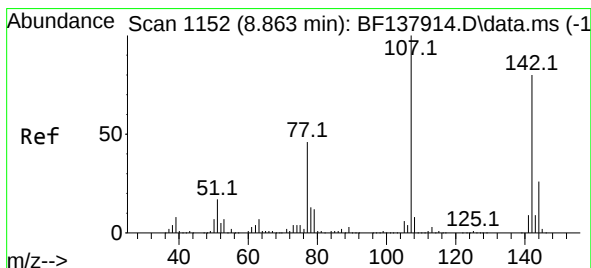
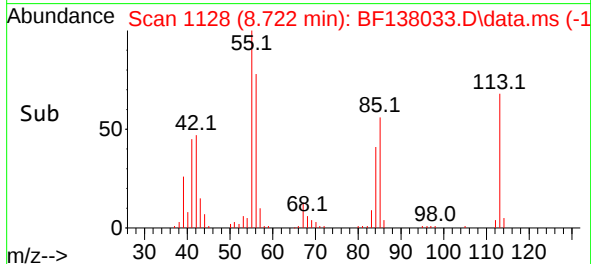
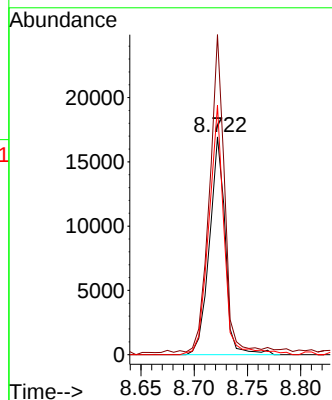
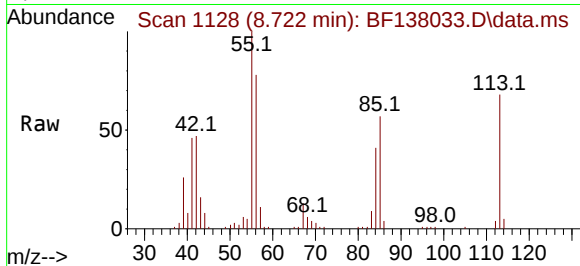




#35
 Caprolactam
 Concen: 8.704 ng
 RT: 8.722 min Scan# 1128
 Delta R.T. -0.041 min
 Lab File: BF138033.D
 Acq: 23 May 2024 18:01

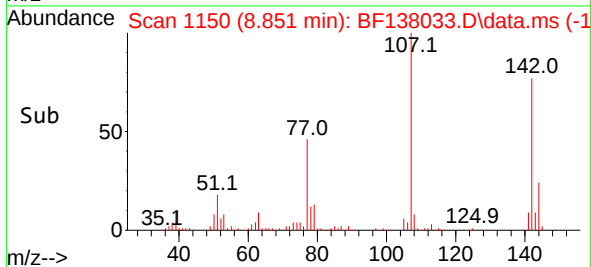
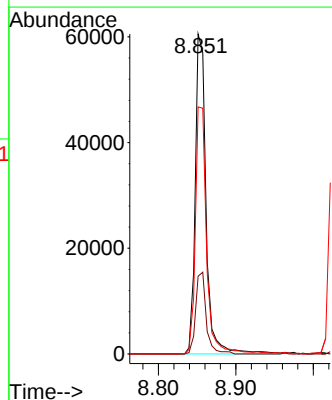
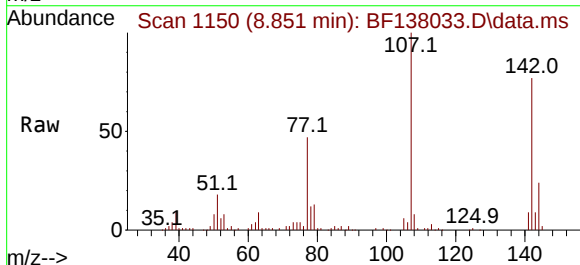
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-052224MSD

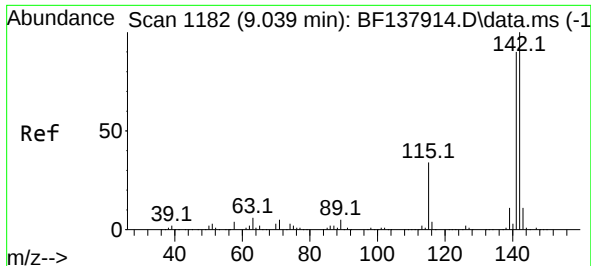
Tgt Ion:113 Resp: 17338
 Ion Ratio Lower Upper
 113 100
 55 146.9 112.3 152.3
 56 114.4 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 8.448 ng
 RT: 8.851 min Scan# 1150
 Delta R.T. -0.012 min
 Lab File: BF138033.D
 Acq: 23 May 2024 18:01

Tgt Ion:107 Resp: 59086
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.7 31.1
 142 77.2 64.0 96.0





#37

2-Methylnaphthalene

Concen: 9.125 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

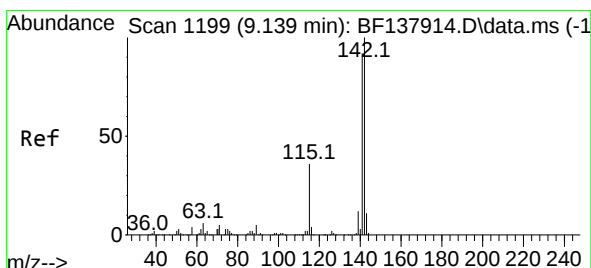
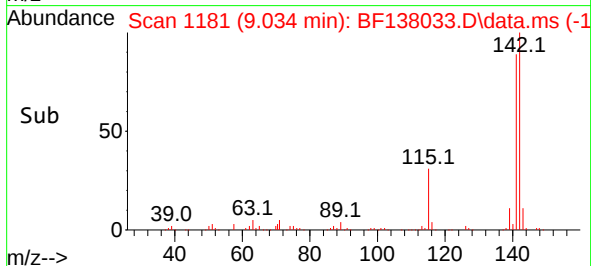
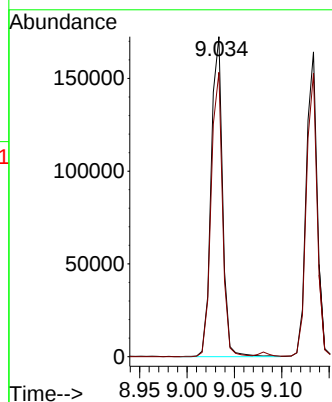
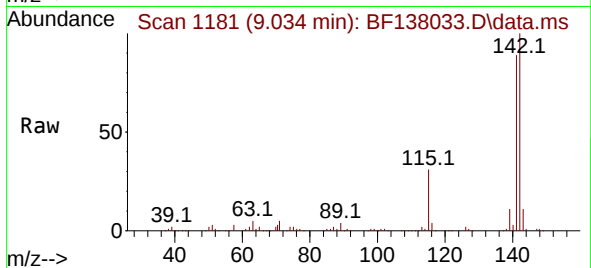
OR-02-052224MSD

Tgt Ion:142 Resp: 144601

Ion Ratio Lower Upper

142 100

141 88.9 72.0 108.0



#38

1-Methylnaphthalene

Concen: 8.499 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF138033.D

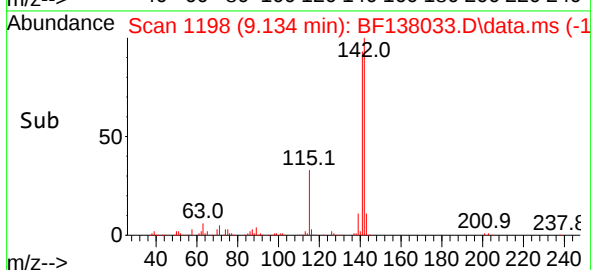
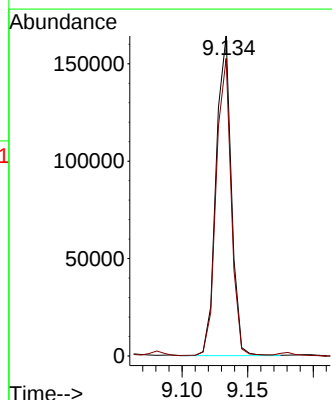
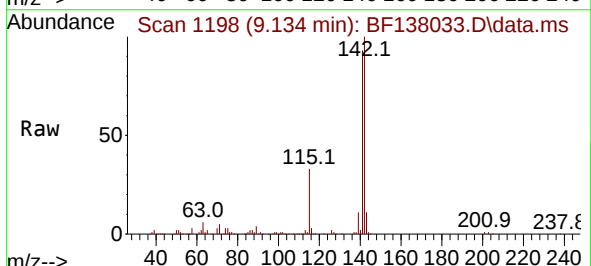
Acq: 23 May 2024 18:01

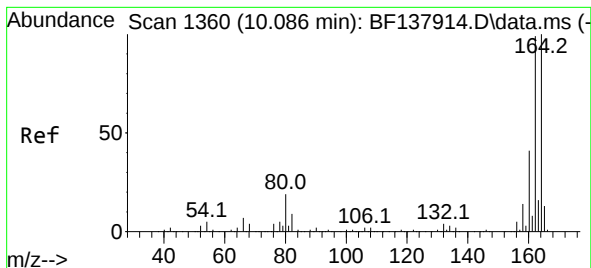
Tgt Ion:142 Resp: 132414

Ion Ratio Lower Upper

142 100

141 93.0 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

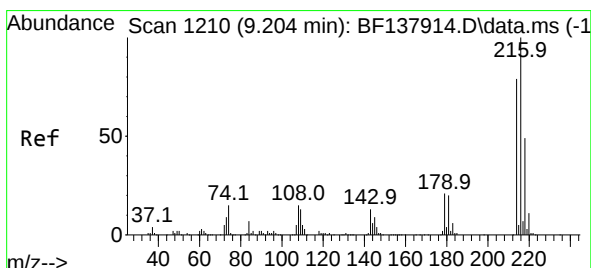
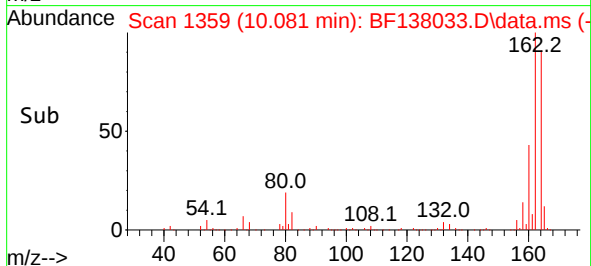
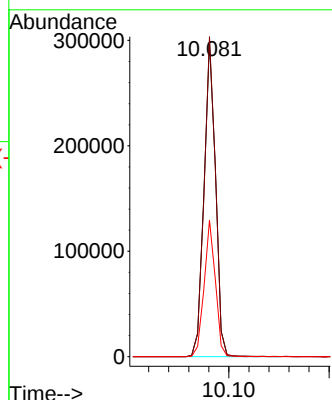
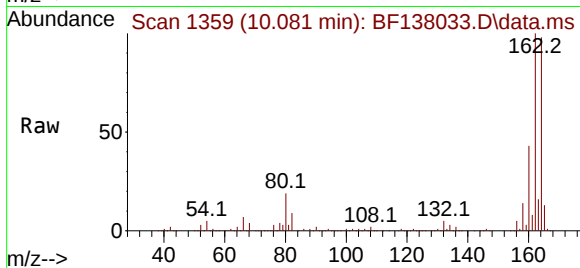
Tgt Ion:164 Resp: 239805

Ion Ratio Lower Upper

164 100

162 101.6 79.4 119.2

160 43.4 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.222 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Tgt Ion:216 Resp: 66644

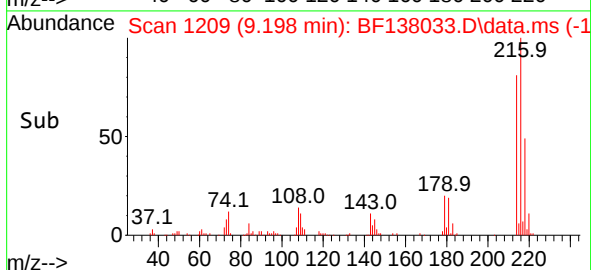
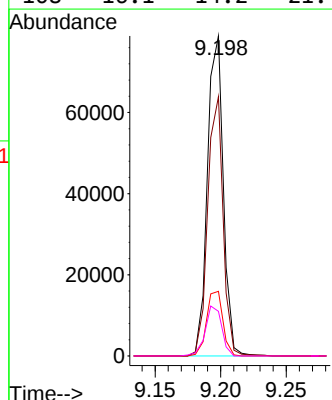
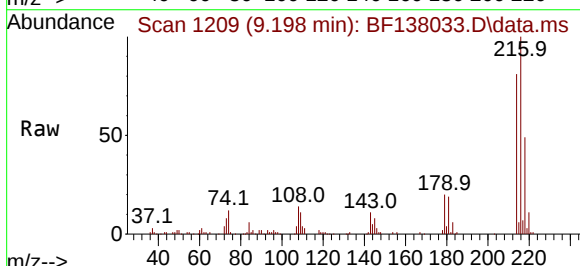
Ion Ratio Lower Upper

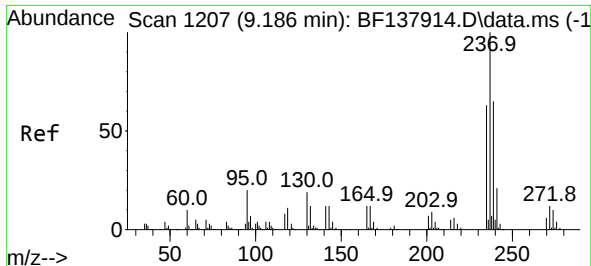
216 100

214 78.6 63.4 95.2

179 20.7 17.0 25.4

108 16.1 14.2 21.4

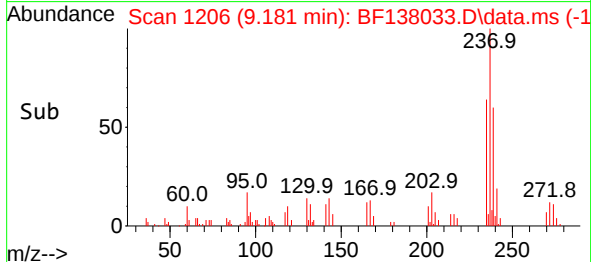
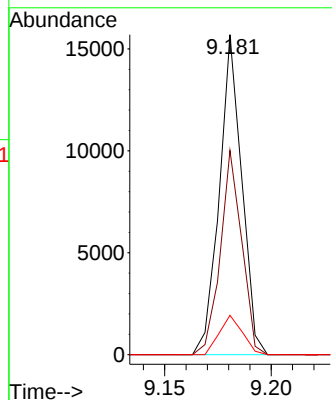
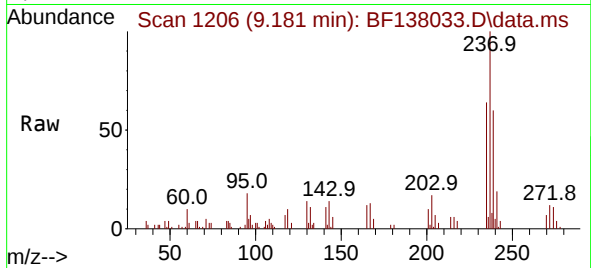




#41
Hexachlorocyclopentadiene
Concen: 4.630 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

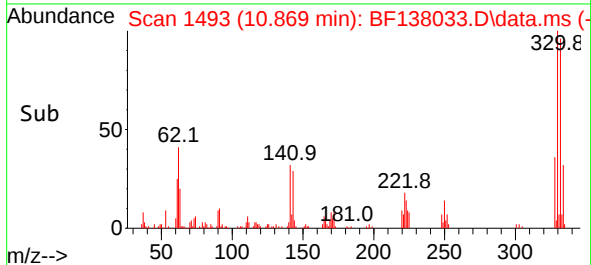
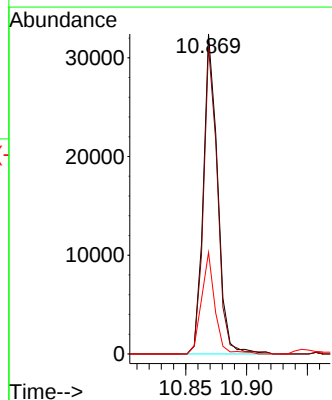
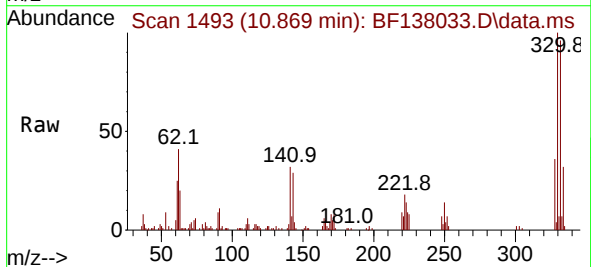
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

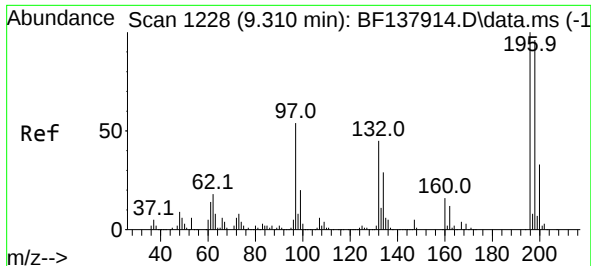
Tgt Ion:237 Resp: 11469
Ion Ratio Lower Upper
237 100
235 63.9 42.8 82.8
272 12.3 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 10.948 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:330 Resp: 26471
Ion Ratio Lower Upper
330 100
332 94.5 75.8 113.8
141 29.8 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 9.296 ng

RT: 9.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

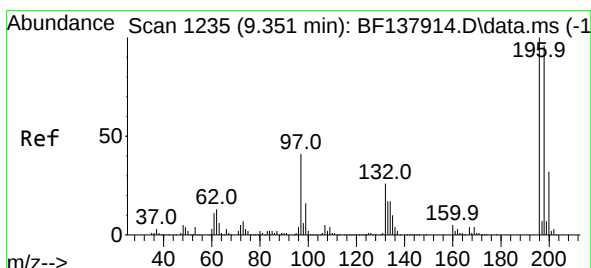
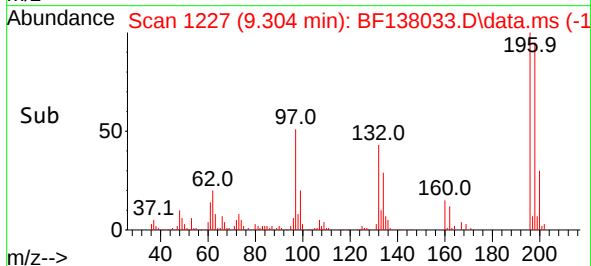
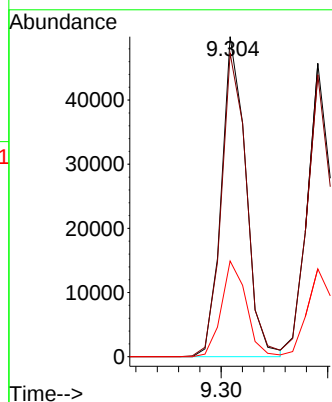
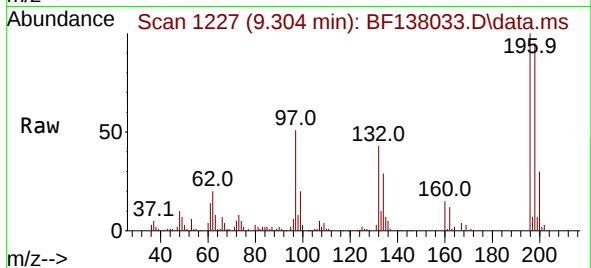
Tgt Ion:196 Resp: 39738

Ion Ratio Lower Upper

196 100

198 94.8 77.0 115.4

200 29.9 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 8.233 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Tgt Ion:196 Resp: 38509

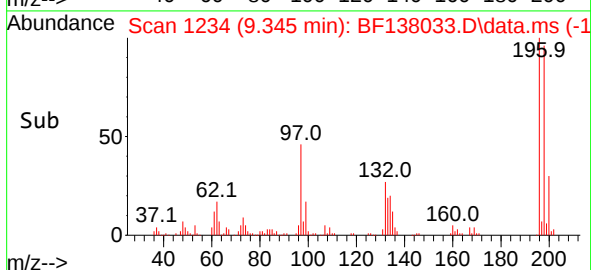
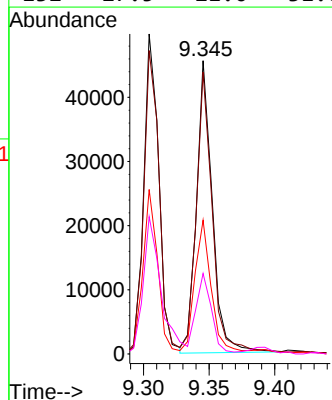
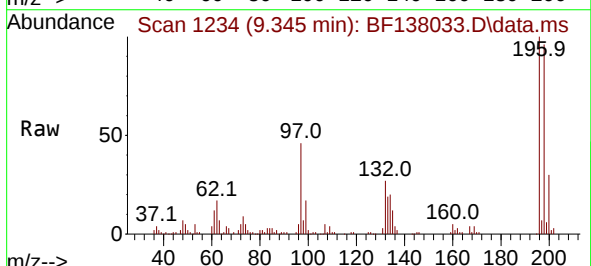
Ion Ratio Lower Upper

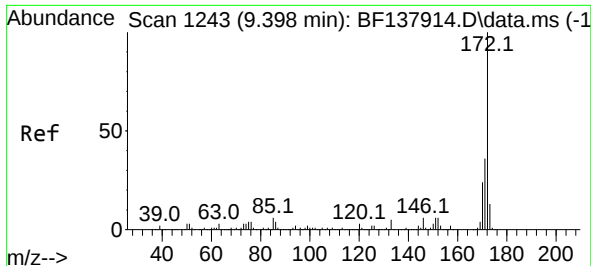
196 100

198 96.1 77.4 116.0

97 45.6 32.9 49.3

132 27.5 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 10.068 ng

RT: 9.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

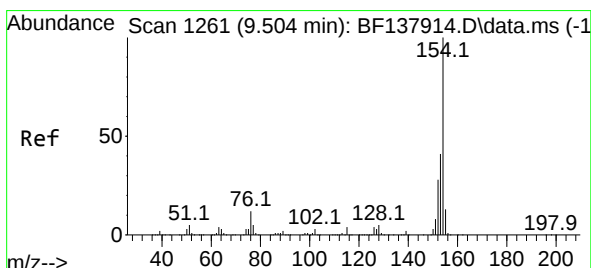
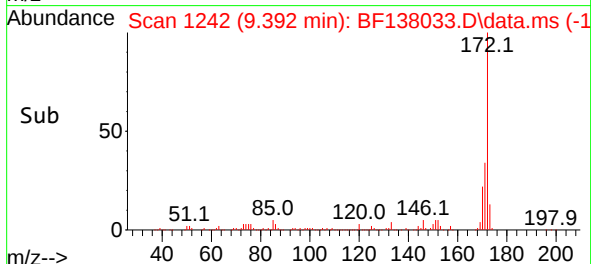
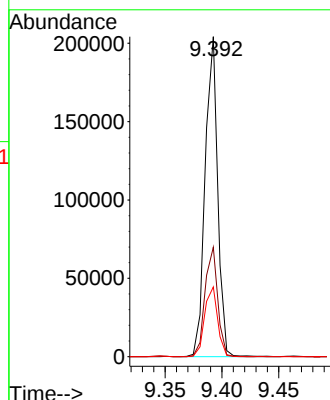
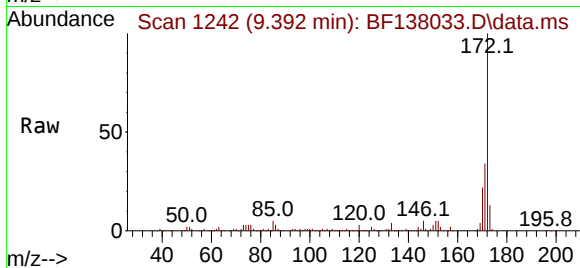
Tgt Ion:172 Resp: 156737

Ion Ratio Lower Upper

172 100

171 34.2 28.9 43.3

170 21.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 10.326 ng

RT: 9.492 min Scan# 1259

Delta R.T. -0.012 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

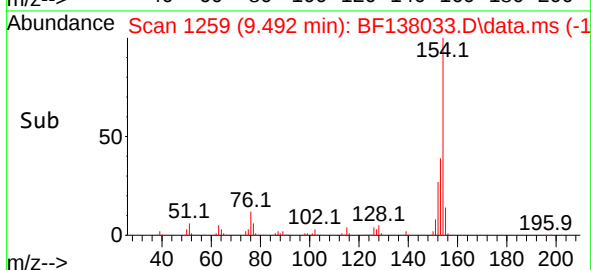
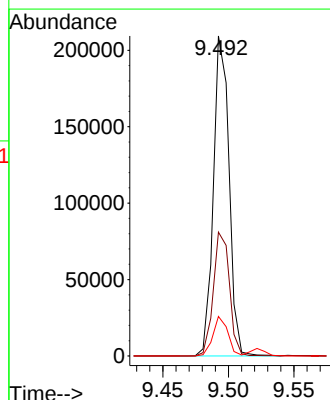
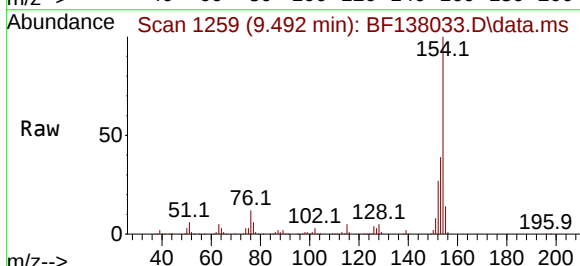
Tgt Ion:154 Resp: 173677

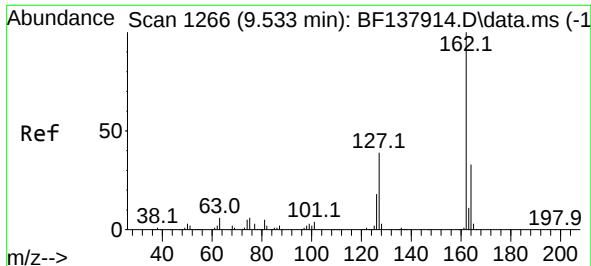
Ion Ratio Lower Upper

154 100

153 38.7 21.3 61.3

76 12.3 0.0 31.9





#47

2-Chloronaphthalene

Concen: 9.680 ng

RT: 9.522 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

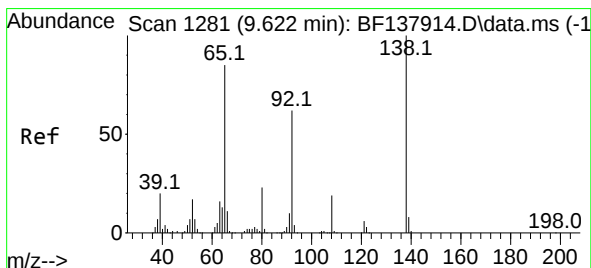
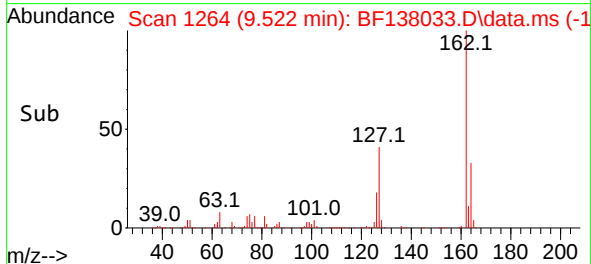
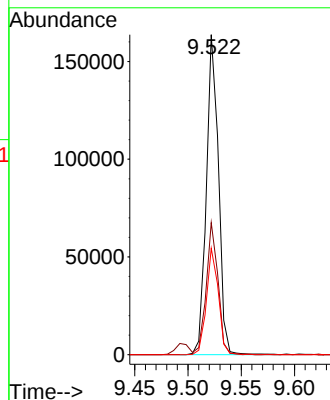
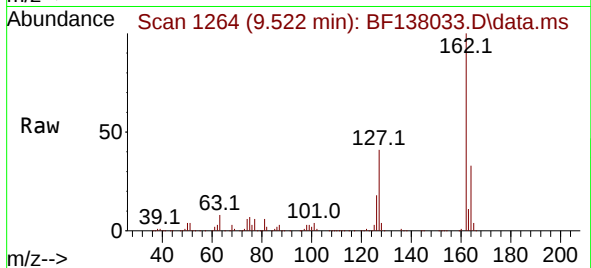
Tgt Ion:162 Resp: 129973

Ion Ratio Lower Upper

162 100

127 41.2 32.0 48.0

164 33.3 26.2 39.4



#48

2-Nitroaniline

Concen: 9.368 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

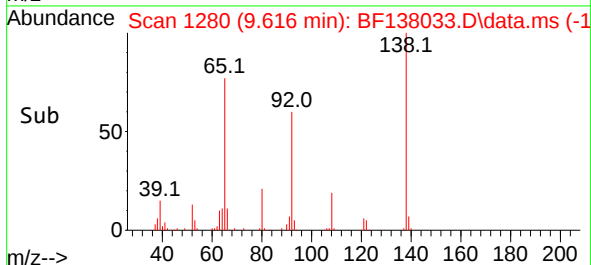
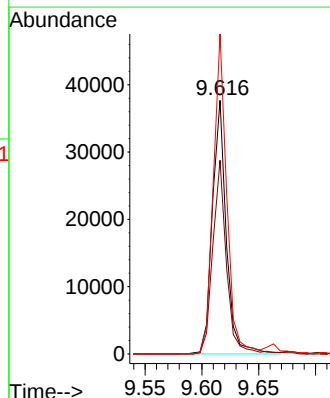
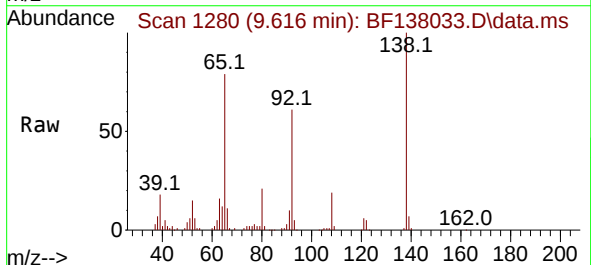
Tgt Ion: 65 Resp: 32209

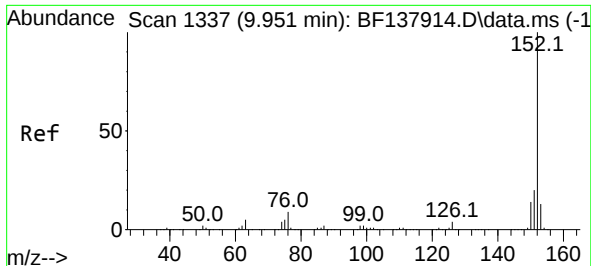
Ion Ratio Lower Upper

65 100

92 76.4 58.6 88.0

138 126.1 94.1 141.1





#49

Acenaphthylene

Concen: 10.140 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

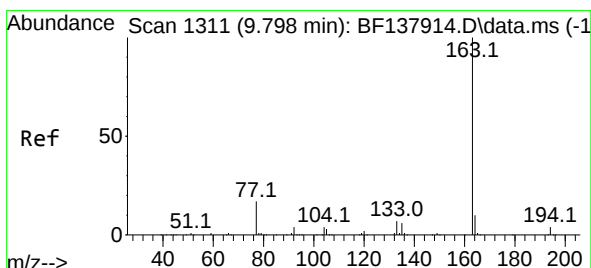
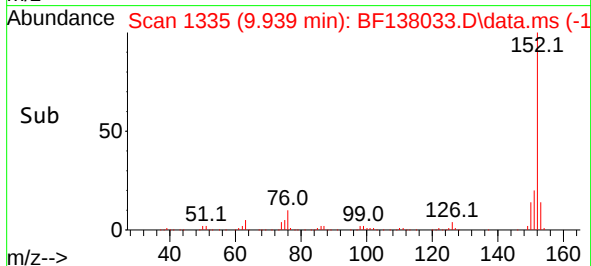
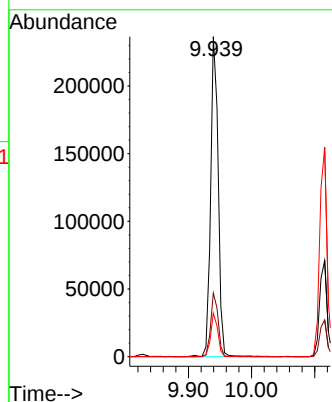
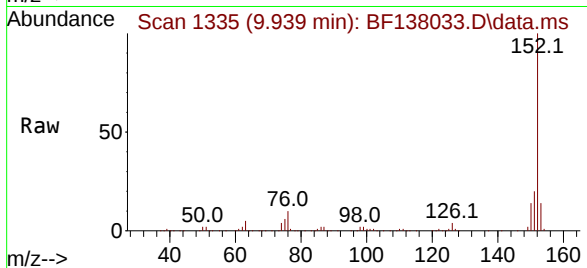
Tgt Ion:152 Resp: 195766

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.6 10.2 15.4



#50

Dimethylphthalate

Concen: 10.447 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.012 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

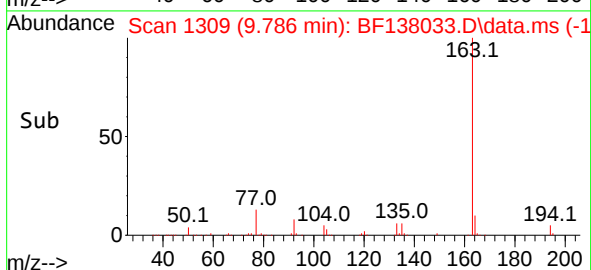
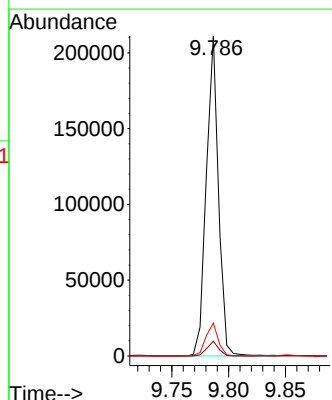
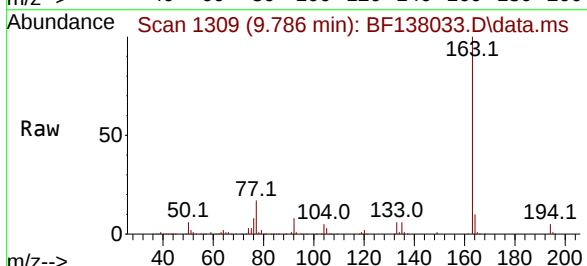
Tgt Ion:163 Resp: 157099

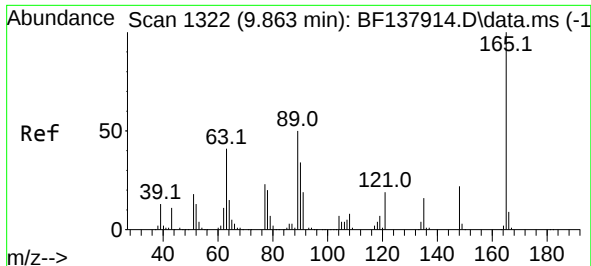
Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

164 10.3 8.0 12.0

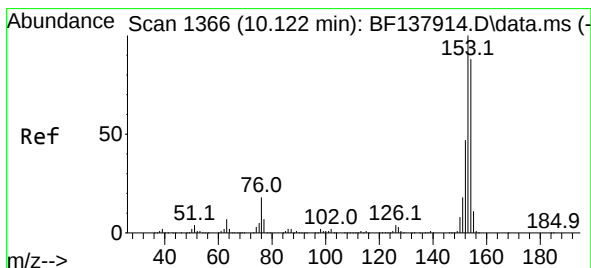
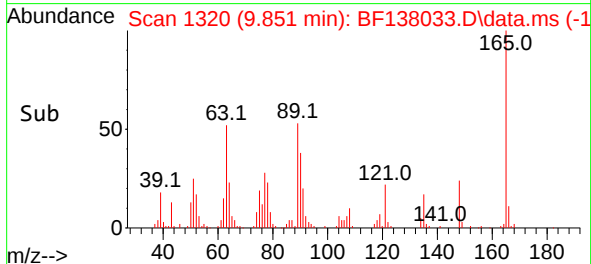
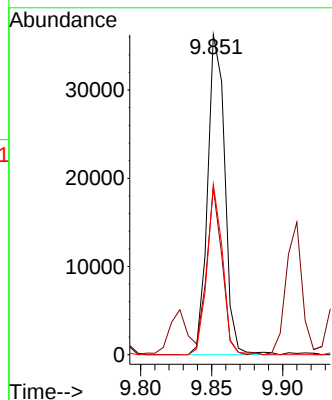
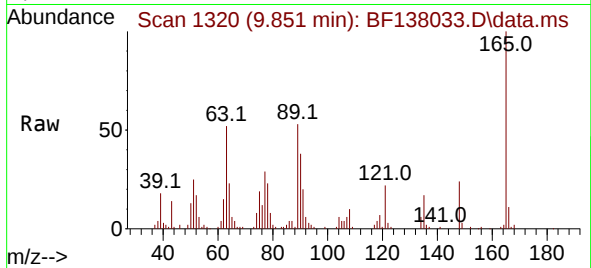




#51
2,6-Dinitrotoluene
Concen: 8.855 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

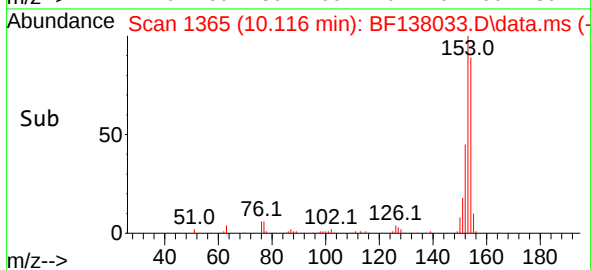
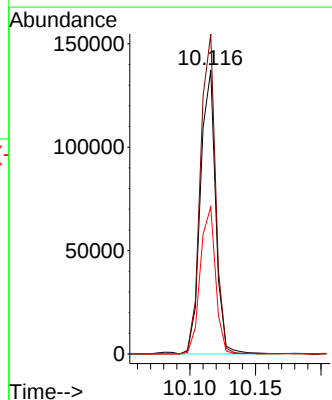
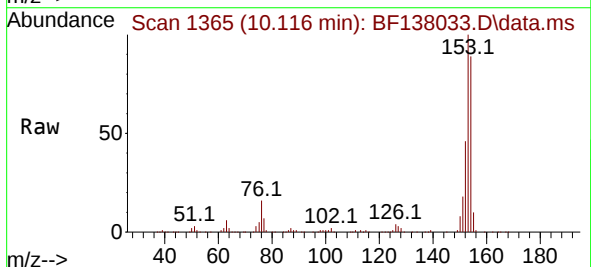
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

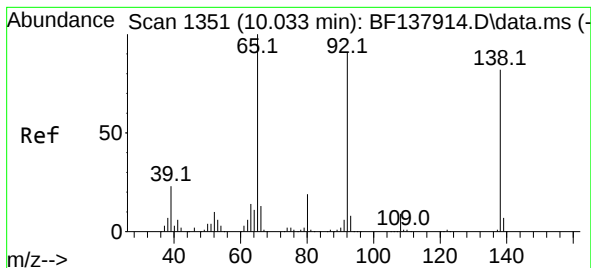
Tgt Ion:165 Resp: 30562
Ion Ratio Lower Upper
165 100
63 52.1 38.9 58.3
89 53.3 40.4 60.6



#52
Acenaphthene
Concen: 8.714 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:154 Resp: 111189
Ion Ratio Lower Upper
154 100
153 112.8 90.4 135.6
152 51.8 42.3 63.5

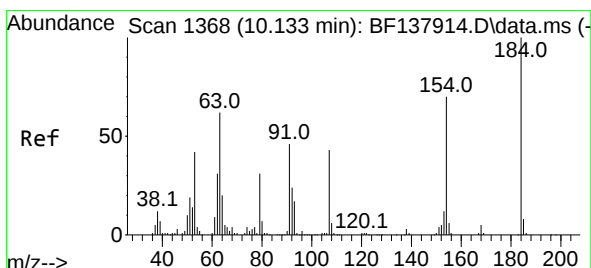
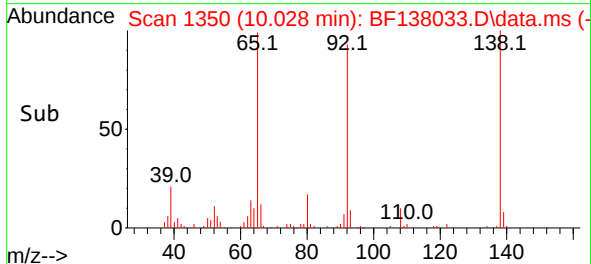
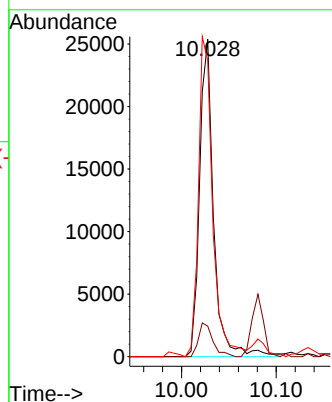
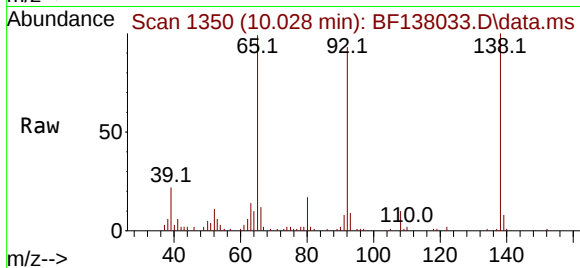




#53
3-Nitroaniline
Concen: 7.735 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

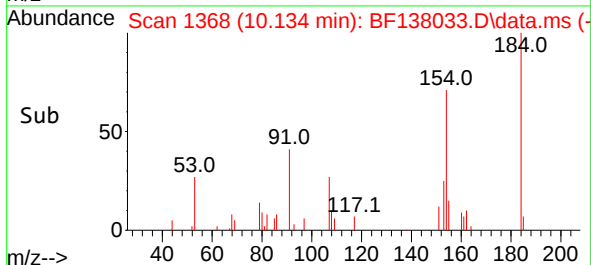
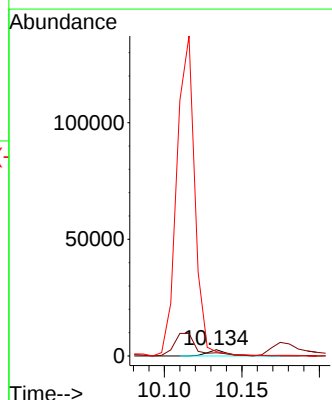
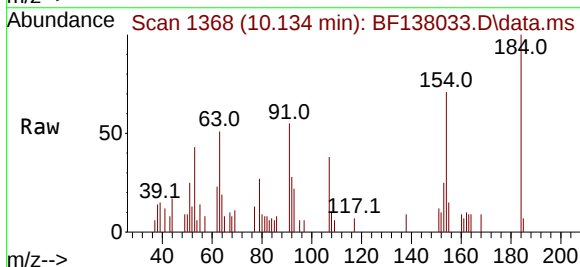
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

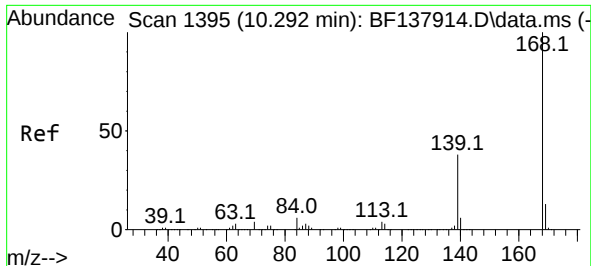
Tgt Ion:138 Resp: 26100
Ion Ratio Lower Upper
138 100
108 9.6 8.8 13.2
92 93.3 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 8.151 ng
RT: 10.134 min Scan# 1368
Delta R.T. 0.001 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:184 Resp: 2418
Ion Ratio Lower Upper
184 100
63 51.5 50.4 75.6
154 70.6 63.7 95.5

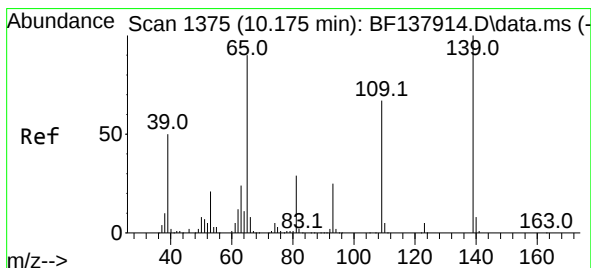
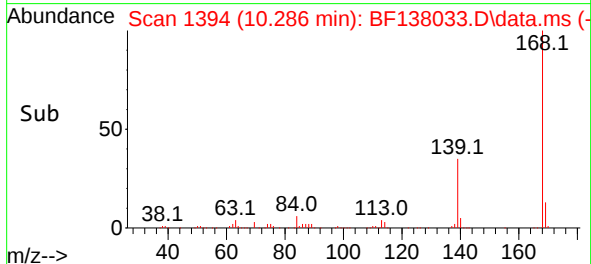
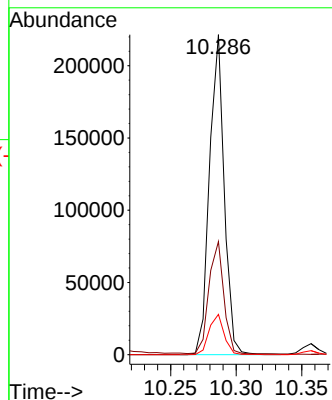
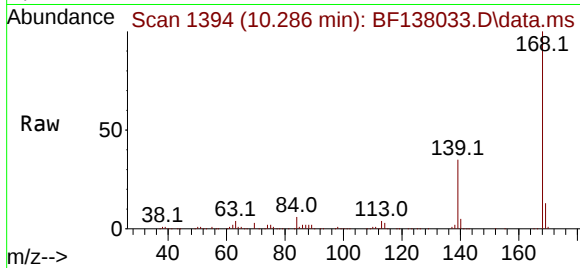




#55
Dibenzofuran
Concen: 9.358 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

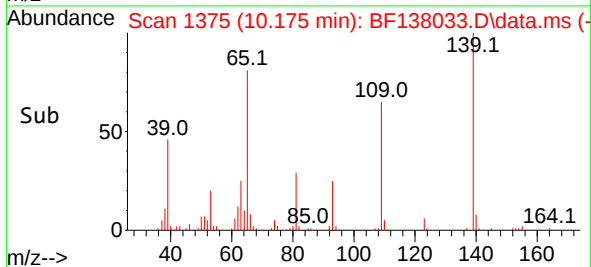
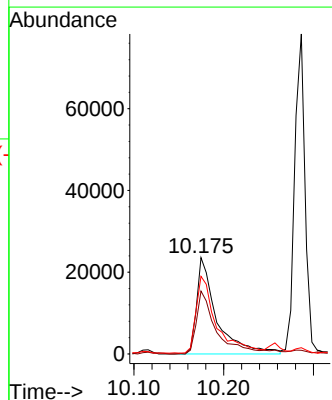
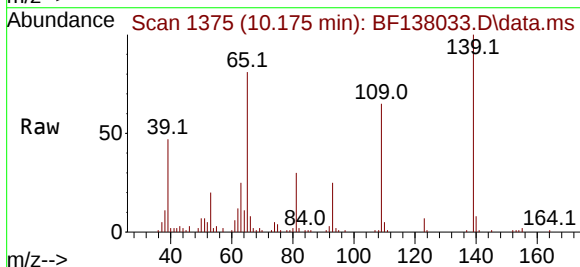
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

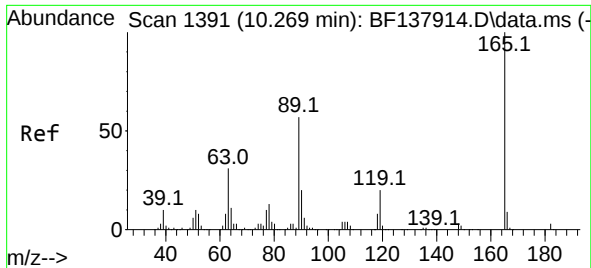
Tgt Ion:168 Resp: 173784
Ion Ratio Lower Upper
168 100
139 35.3 30.4 45.6
169 12.6 10.5 15.7



#56
4-Nitrophenol
Concen: 15.056 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:139 Resp: 36485
Ion Ratio Lower Upper
139 100
109 65.3 46.5 86.5
65 80.5 70.4 110.4

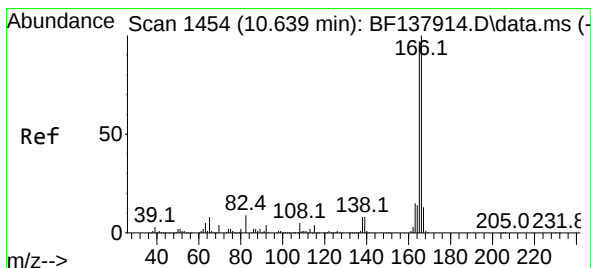
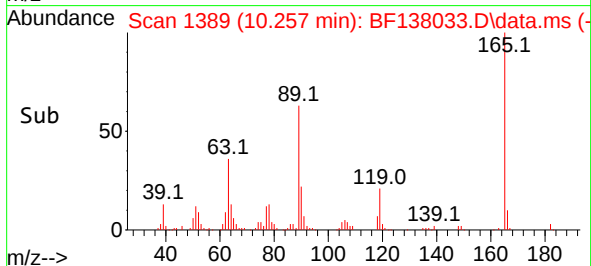
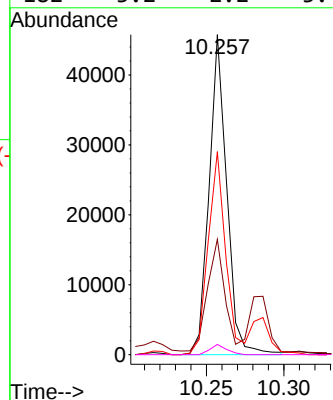
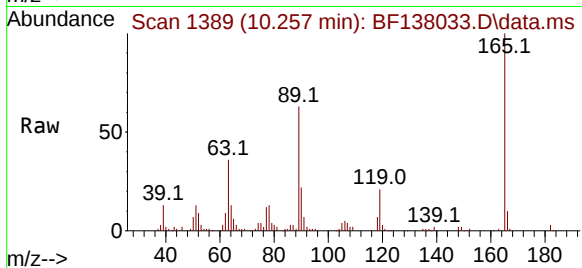




#57
2,4-Dinitrotoluene
Concen: 8.139 ng
RT: 10.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

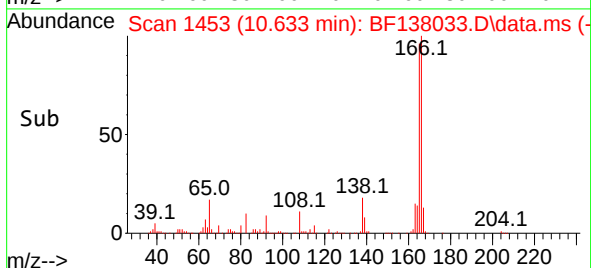
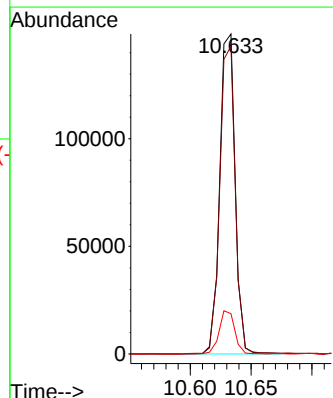
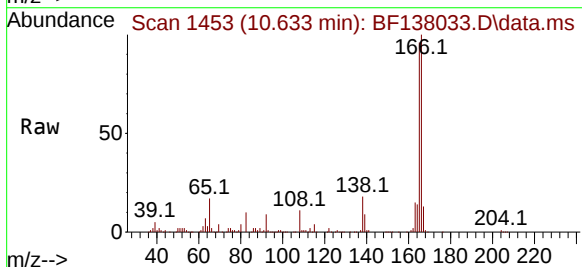
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

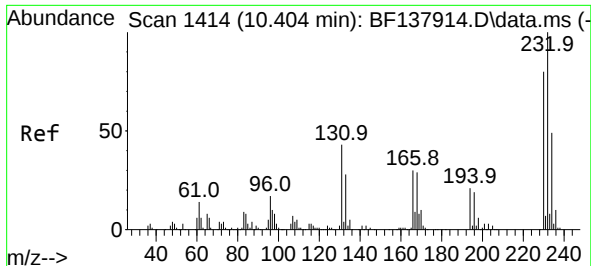
Tgt Ion:165	Resp:	36314
Ion	Ratio	Lower Upper
165	100	
63	36.0	25.3 37.9
89	63.4	45.9 68.9
182	3.2	2.2 3.4



#58
Fluorene
Concen: 8.941 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:166	Resp:	131328
Ion	Ratio	Lower Upper
166	100	
165	96.2	77.8 116.8
167	12.6	10.4 15.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.178 ng

RT: 10.398 min Scan# 1413

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

Tgt Ion:232 Resp: 30048

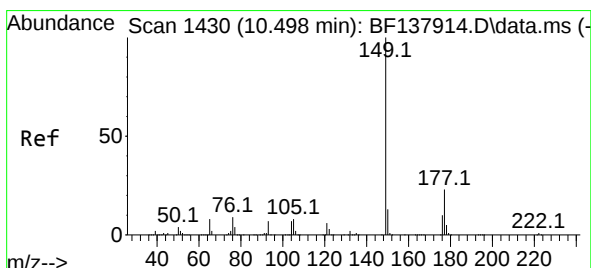
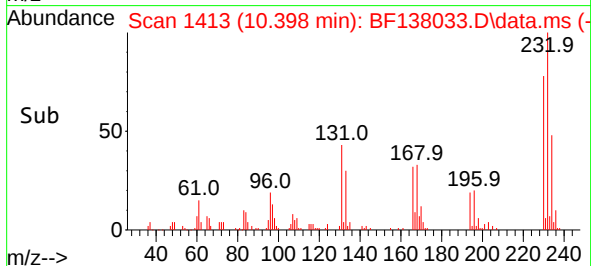
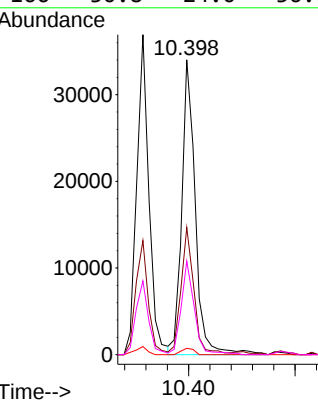
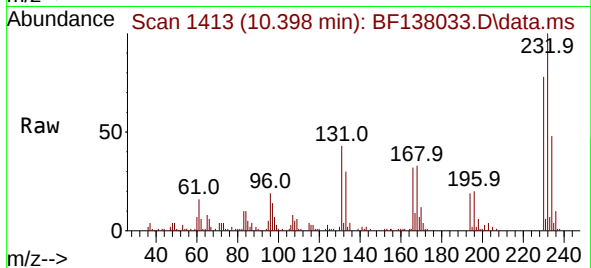
Ion Ratio Lower Upper

232 100

131 39.5 34.4 51.6

130 2.0 1.7 2.5

166 30.8 24.0 36.0



#60

Diethylphthalate

Concen: 10.034 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.012 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

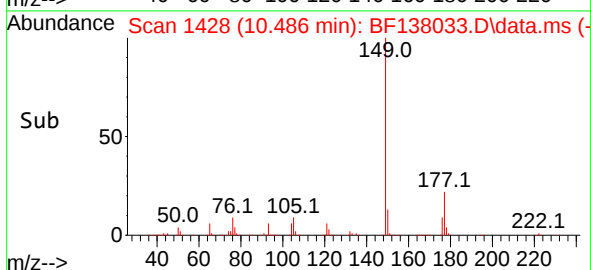
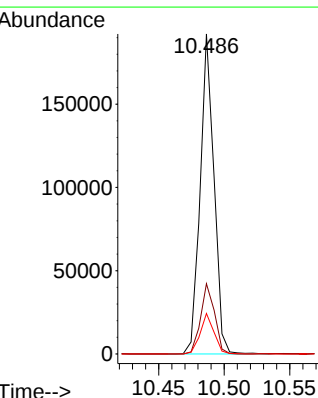
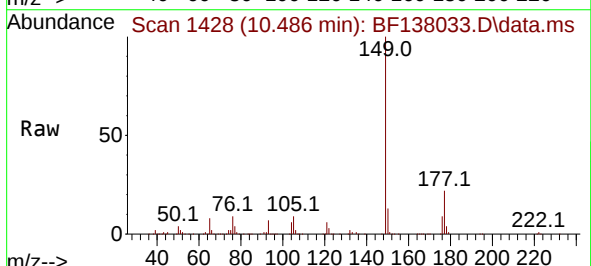
Tgt Ion:149 Resp: 140916

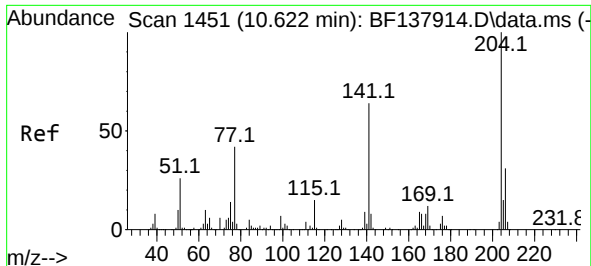
Ion Ratio Lower Upper

149 100

177 22.0 18.4 27.6

150 12.7 10.1 15.1

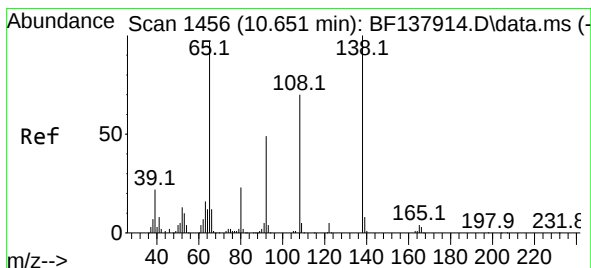
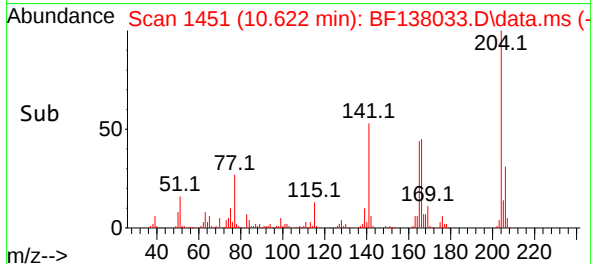
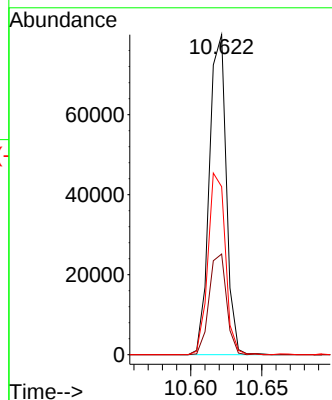
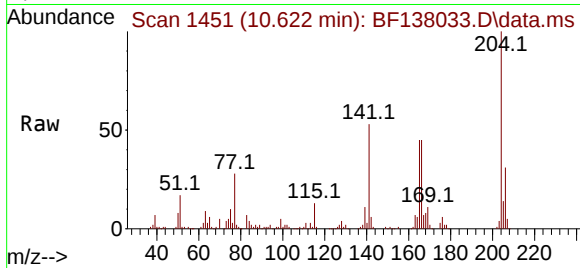




#61
4-Chlorophenyl-phenylether
Concen: 9.207 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

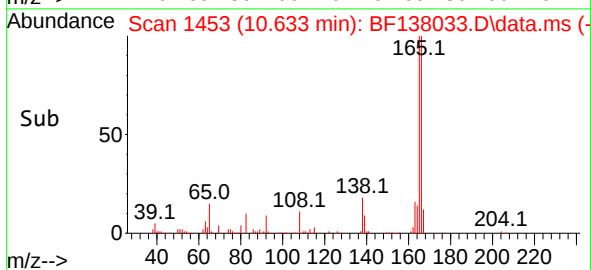
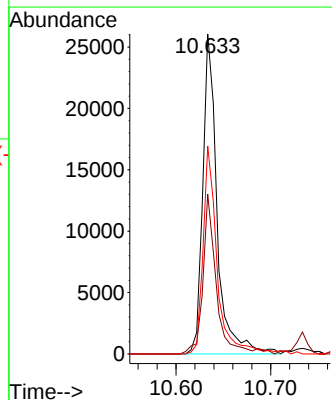
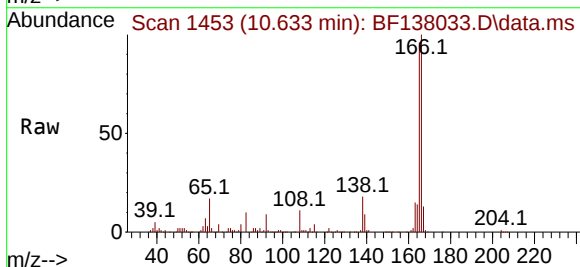
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

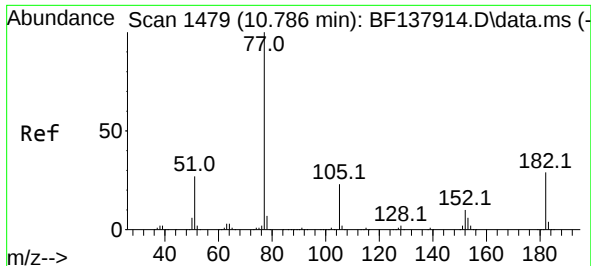
Tgt Ion:204 Resp: 66690
Ion Ratio Lower Upper
204 100
206 31.5 25.1 37.7
141 52.5 51.0 76.6



#62
4-Nitroaniline
Concen: 8.556 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.017 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:138 Resp: 27381
Ion Ratio Lower Upper
138 100
92 49.9 29.0 69.0
108 65.0 49.7 89.7

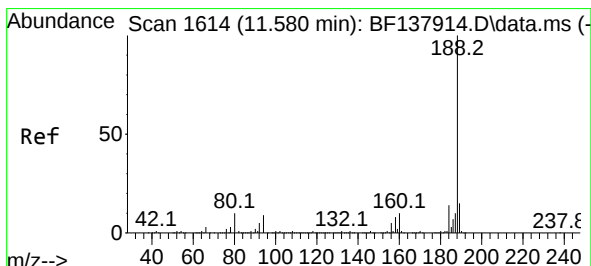
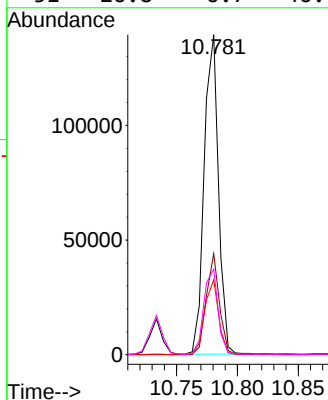
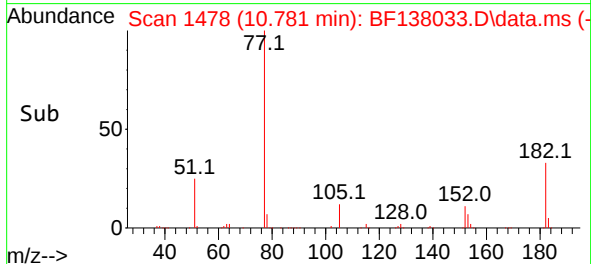
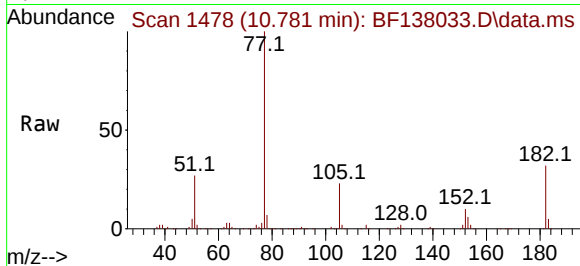




#63
Azobenzene
Concen: 8.842 ng
RT: 10.781 min Scan# 1478
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

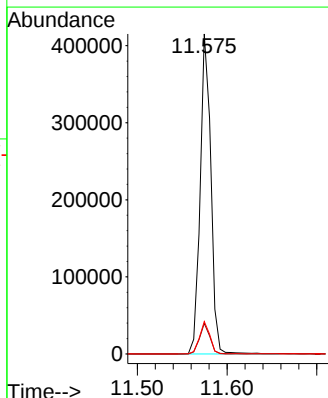
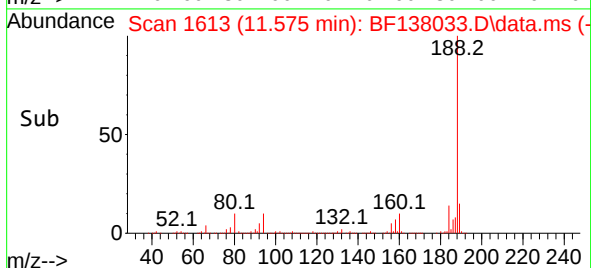
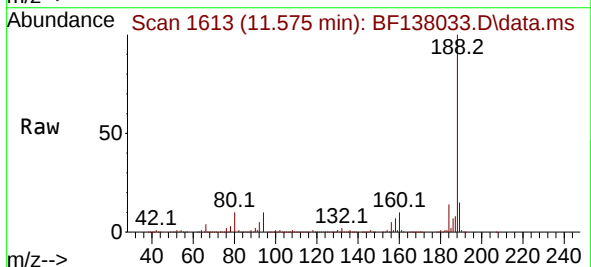
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

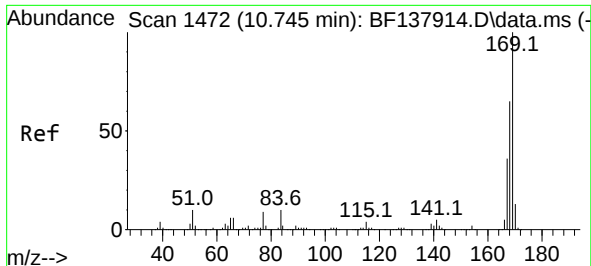
Tgt Ion: 77	Resp: 112954
Ion Ratio	Lower Upper
77 100	
182 31.5	9.2 49.2
105 23.4	3.1 43.1
51 26.8	6.7 46.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:188	Resp: 343029		
Ion Ratio	Lower	Upper	
188 100			
94 9.5	7.0	10.4	
80 10.1	7.7	11.5	

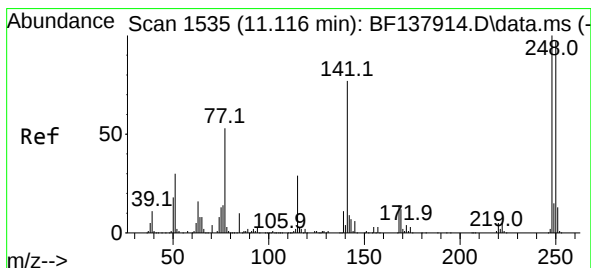
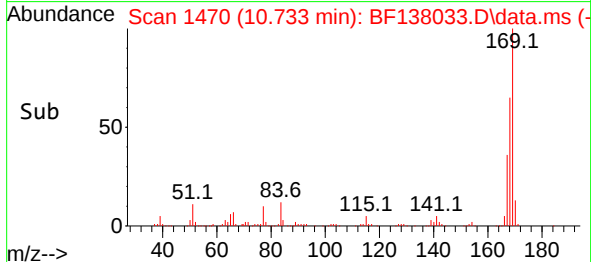
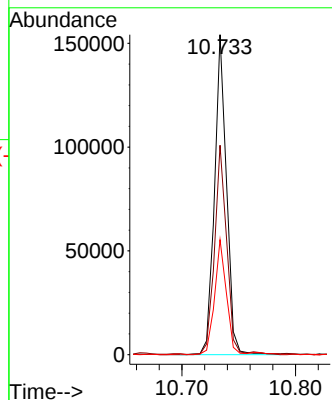
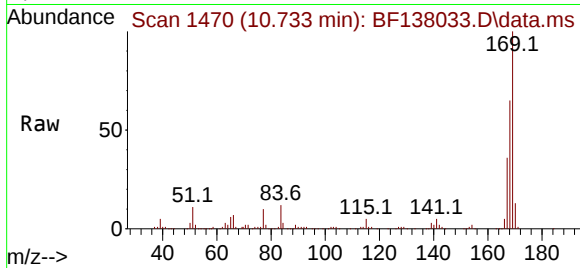




#66
n-Nitrosodiphenylamine
Concen: 10.788 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

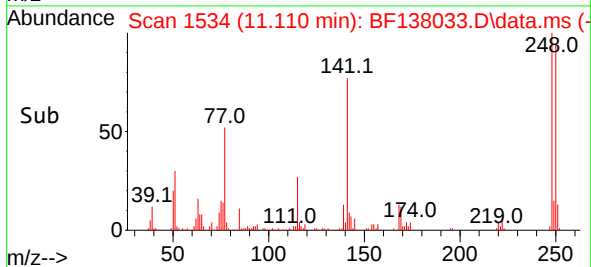
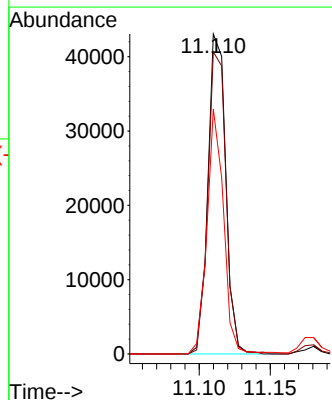
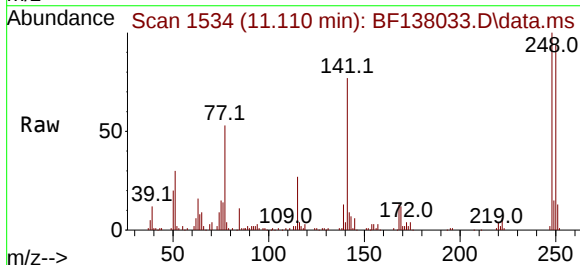
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

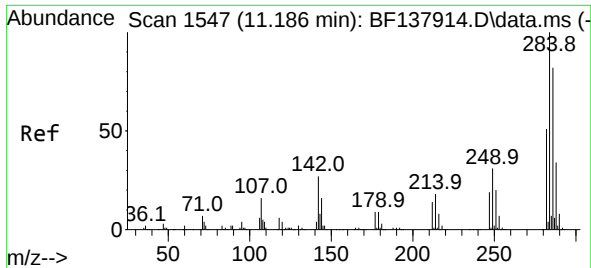
Tgt Ion:169 Resp: 113486
Ion Ratio Lower Upper
169 100
168 65.4 52.4 78.6
167 36.0 28.9 43.3



#67
4-Bromophenyl-phenylether
Concen: 10.068 ng
RT: 11.110 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:248 Resp: 37863
Ion Ratio Lower Upper
248 100
250 94.4 77.6 116.4
141 76.5 61.4 92.2

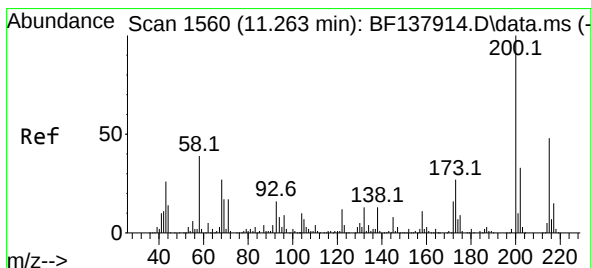
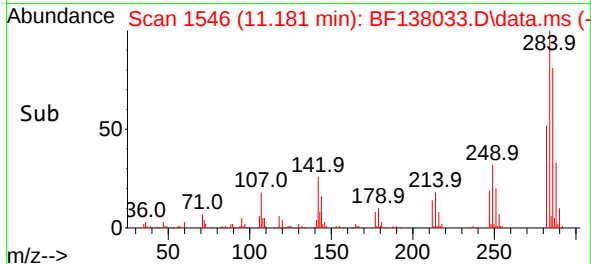
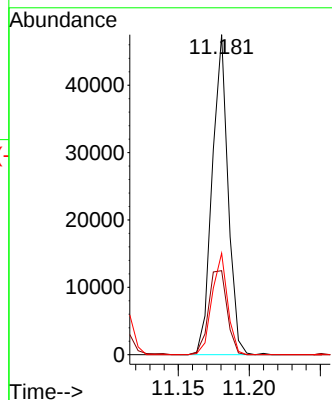
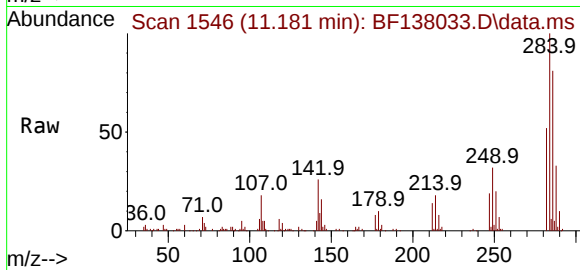




#68
Hexachlorobenzene
Concen: 8.835 ng
RT: 11.181 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

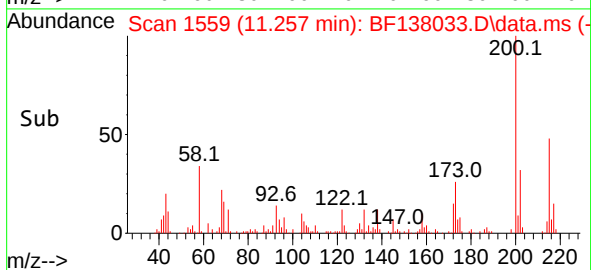
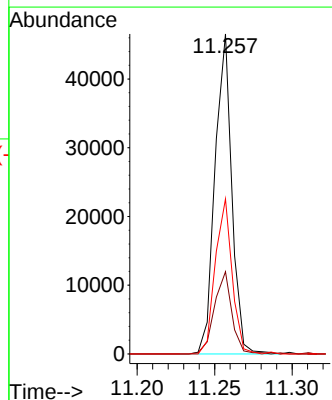
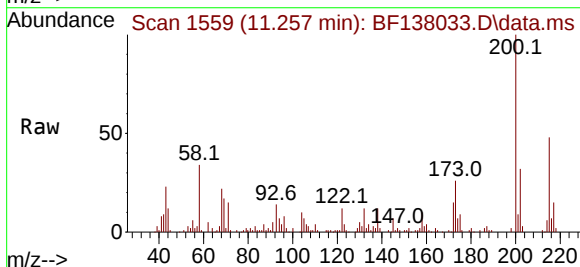
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

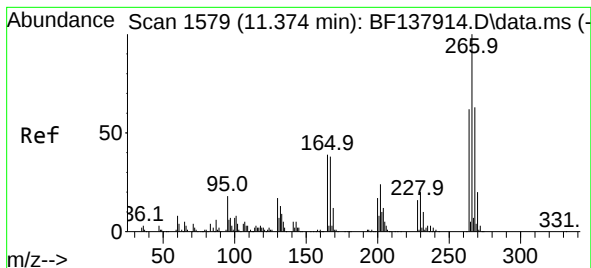
Tgt Ion:284 Resp: 36726
Ion Ratio Lower Upper
284 100
142 26.2 21.3 31.9
249 31.7 24.6 37.0



#69
Atrazine
Concen: 12.211 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:200 Resp: 35078
Ion Ratio Lower Upper
200 100
173 25.7 6.6 46.6
215 48.4 27.5 67.5





#70

Pentachlorophenol

Concen: 15.019 ng

RT: 11.375 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

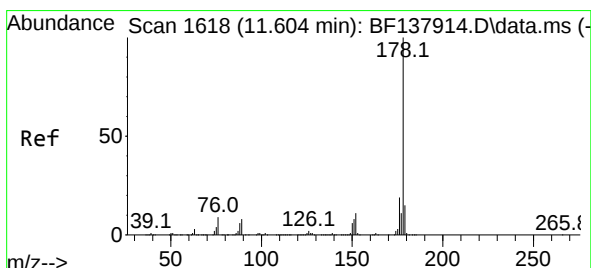
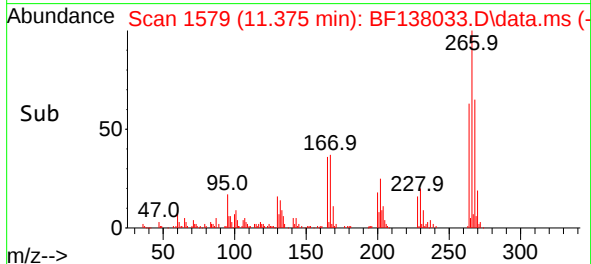
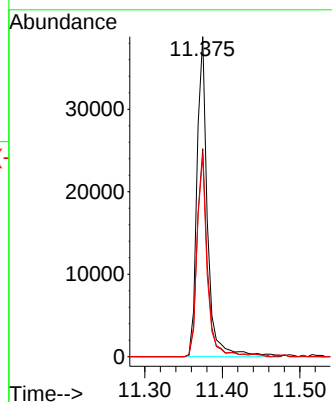
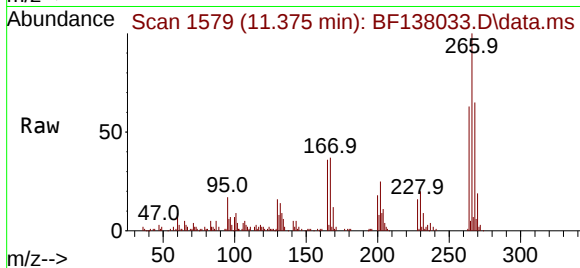
Tgt Ion:266 Resp: 36571

Ion Ratio Lower Upper

266 100

268 65.0 50.1 75.1

264 63.0 49.4 74.2



#71

Phenanthrene

Concen: 9.954 ng

RT: 11.598 min Scan# 1617

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

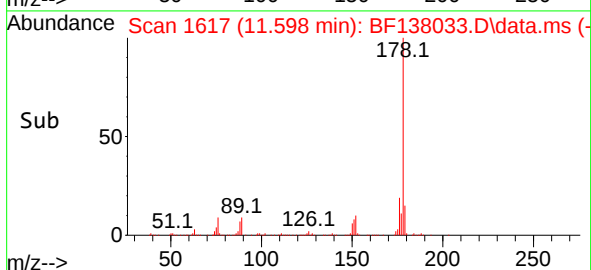
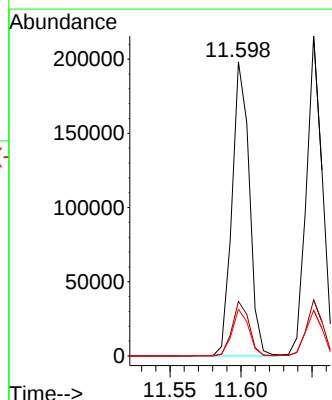
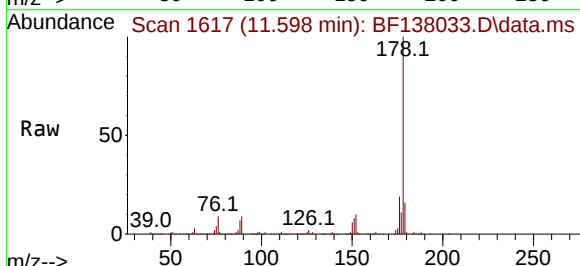
Tgt Ion:178 Resp: 168258

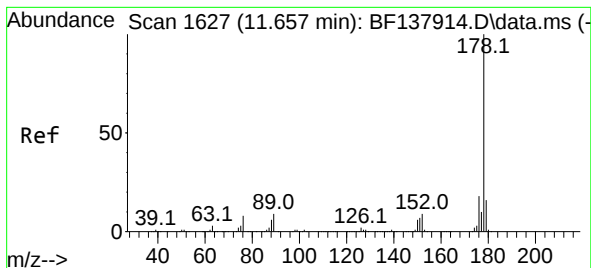
Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

179 15.9 12.2 18.4





#72

Anthracene

Concen: 10.125 ng

RT: 11.651 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

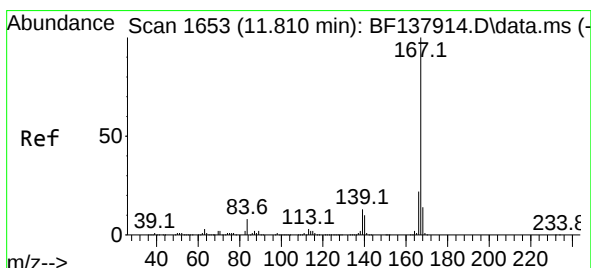
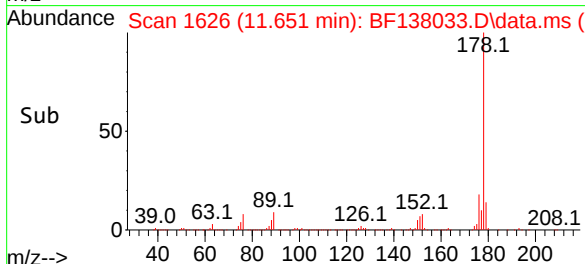
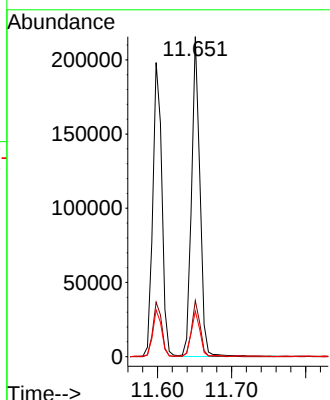
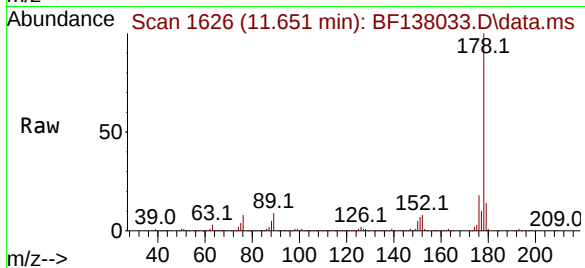
Tgt Ion:178 Resp: 169813

Ion Ratio Lower Upper

178 100

176 17.5 14.7 22.1

179 14.3 12.4 18.6



#73

Carbazole

Concen: 9.561 ng

RT: 11.804 min Scan# 1652

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

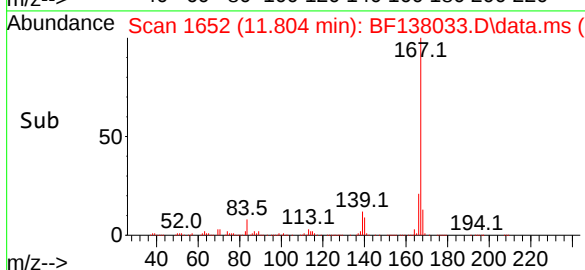
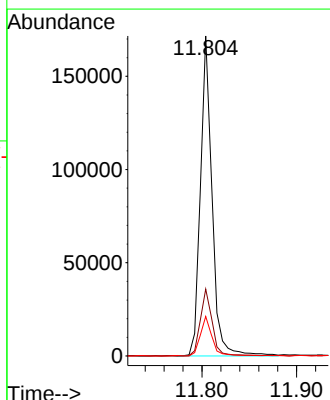
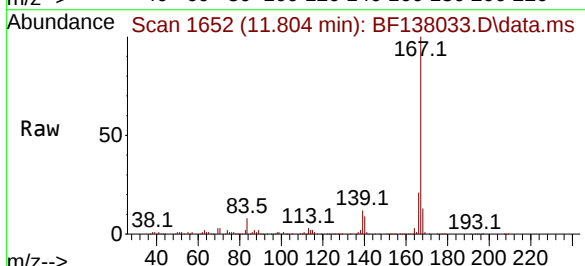
Tgt Ion:167 Resp: 146492

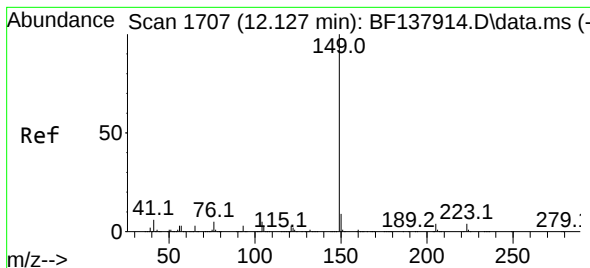
Ion Ratio Lower Upper

167 100

166 20.9 17.3 25.9

139 12.4 10.3 15.5





#74

Di-n-butylphthalate

Concen: 10.841 ng

RT: 12.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

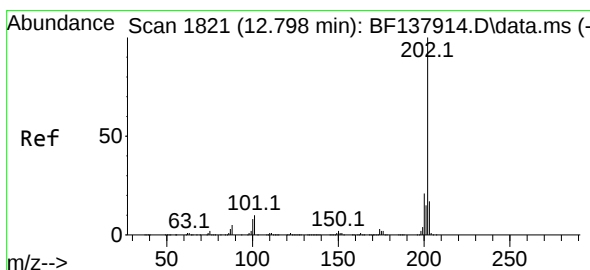
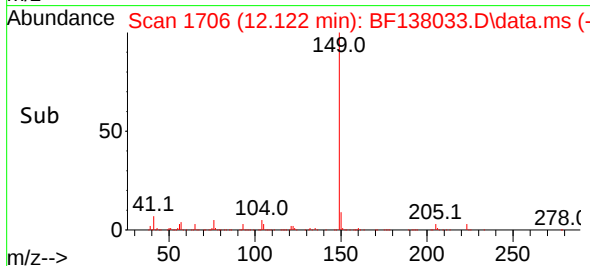
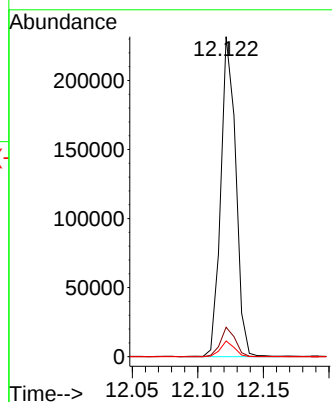
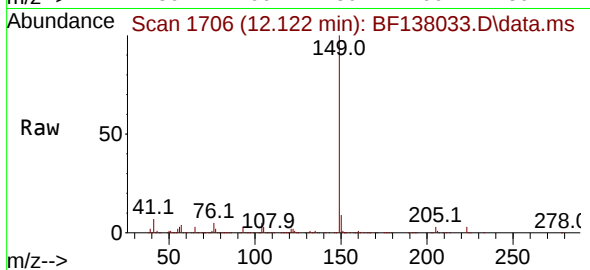
Tgt Ion:149 Resp: 184328

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.9 3.6 5.4



#75

Fluoranthene

Concen: 10.464 ng

RT: 12.792 min Scan# 1820

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

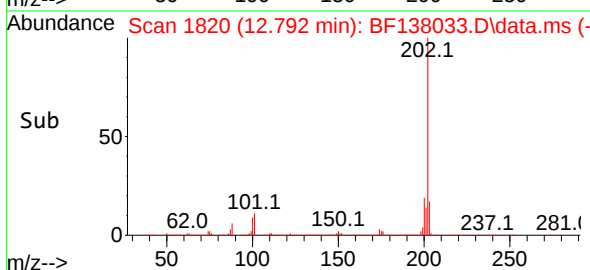
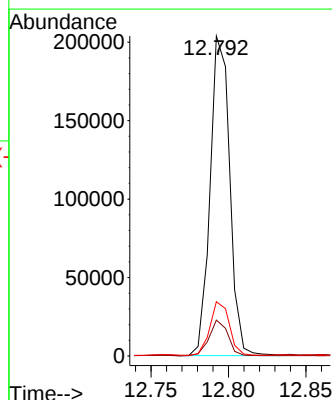
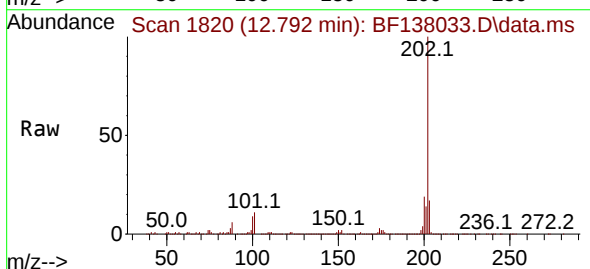
Tgt Ion:202 Resp: 179545

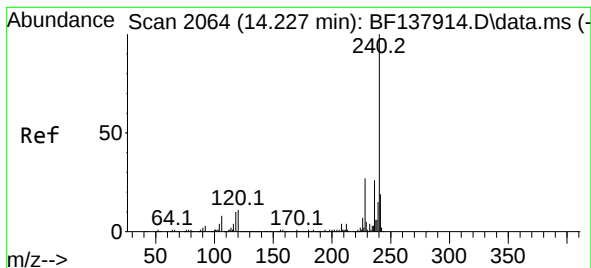
Ion Ratio Lower Upper

202 100

101 11.2 0.0 30.5

203 16.9 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

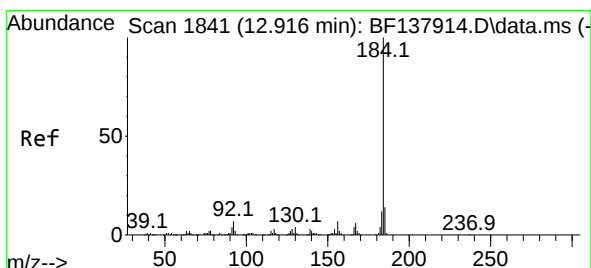
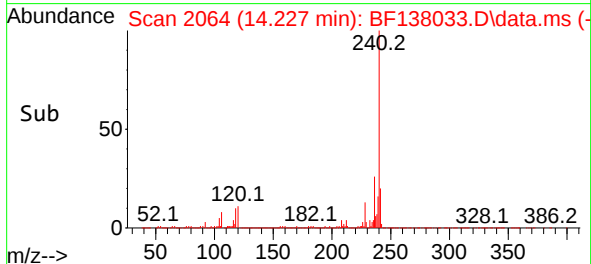
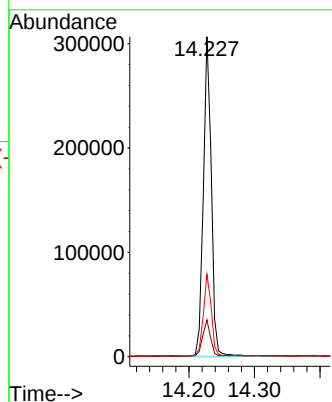
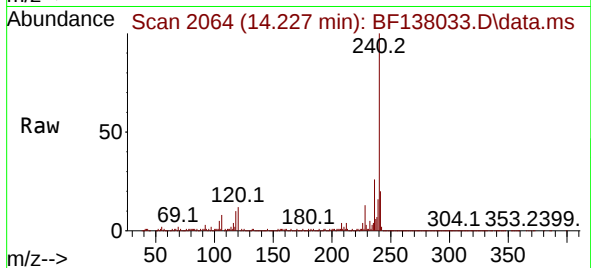
Tgt Ion:240 Resp: 259127

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

236 25.8 21.0 31.4



#77

Benzidine

Concen: 16.141 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

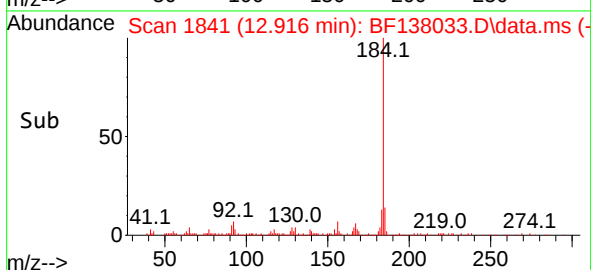
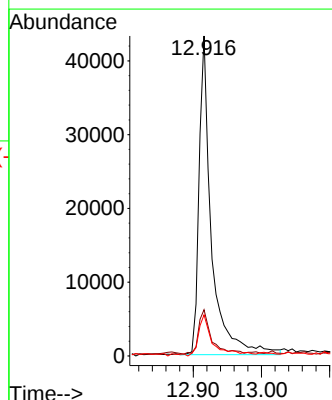
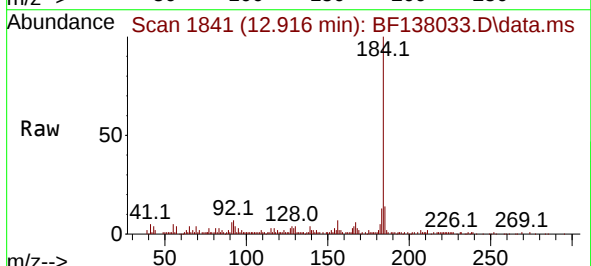
Tgt Ion:184 Resp: 54661

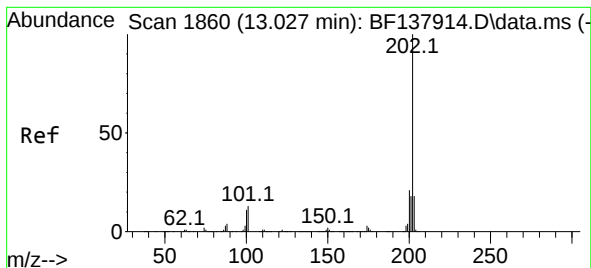
Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

183 12.9 9.5 14.3





#78

Pyrene

Concen: 8.278 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.000 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

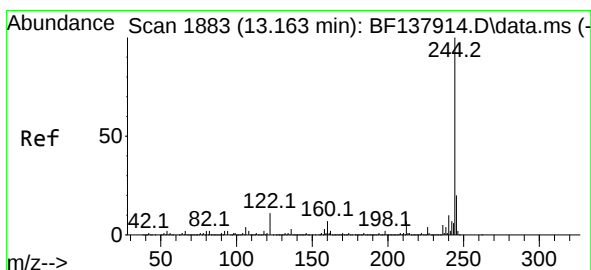
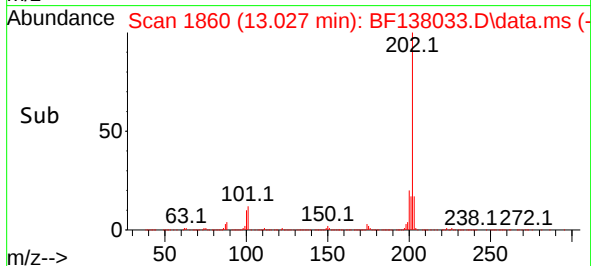
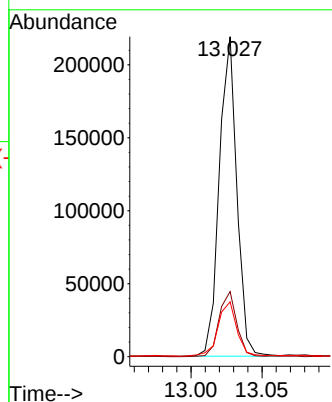
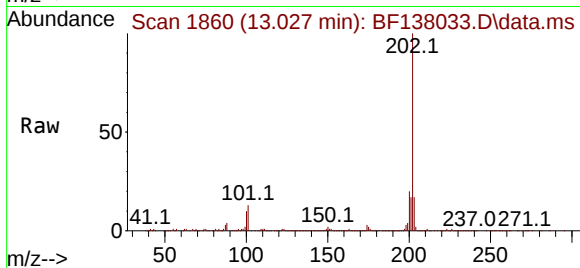
Tgt Ion:202 Resp: 187619

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.4

203 17.1 14.1 21.1



#79

Terphenyl-d14

Concen: 7.378 ng

RT: 13.157 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

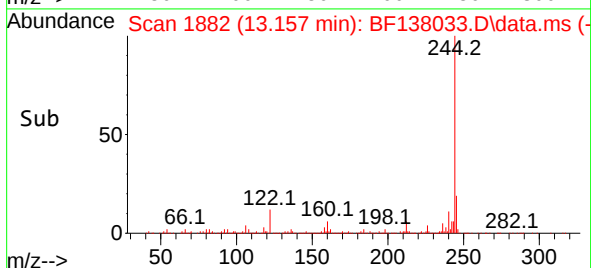
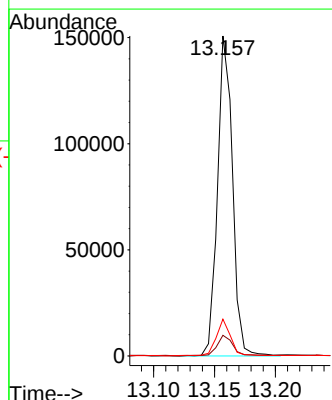
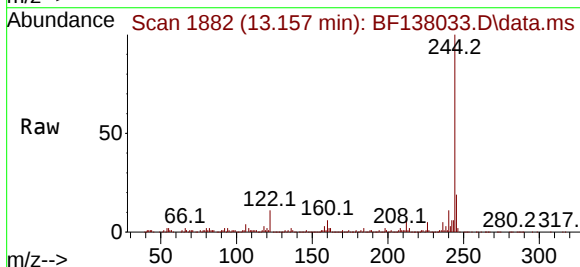
Tgt Ion:244 Resp: 129725

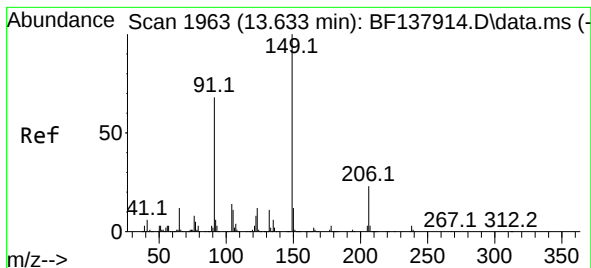
Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 11.5 8.8 13.2





#80

Butylbenzylphthalate

Concen: 10.184 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

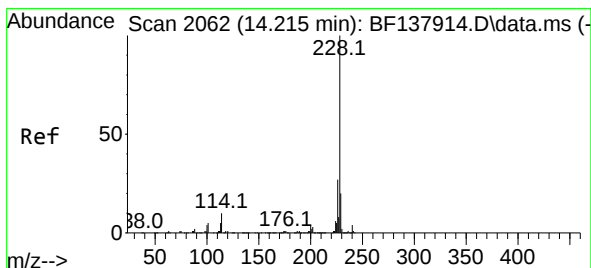
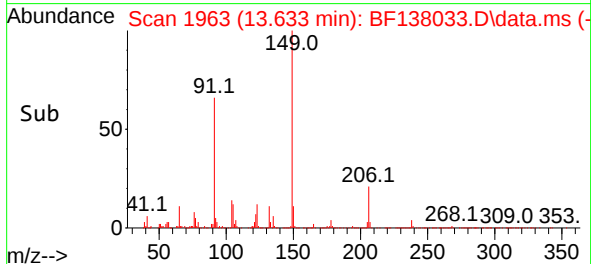
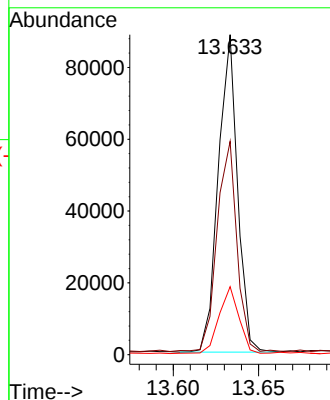
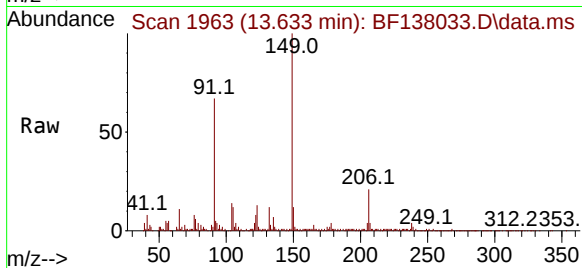
Tgt Ion:149 Resp: 69622

Ion Ratio Lower Upper

149 100

91 66.7 54.2 81.4

206 21.3 18.1 27.1



#81

Benzo(a)anthracene

Concen: 9.717 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

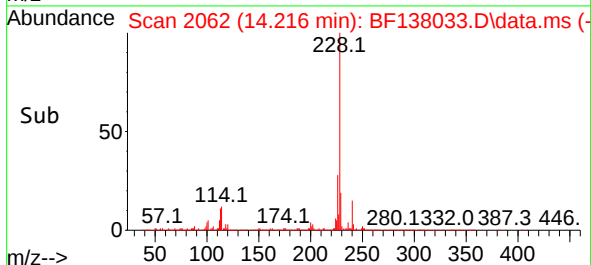
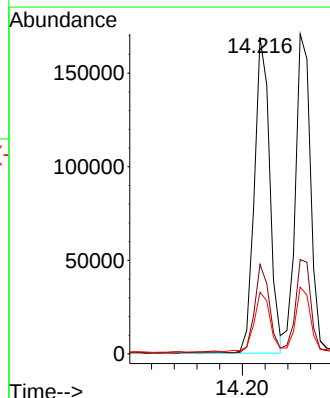
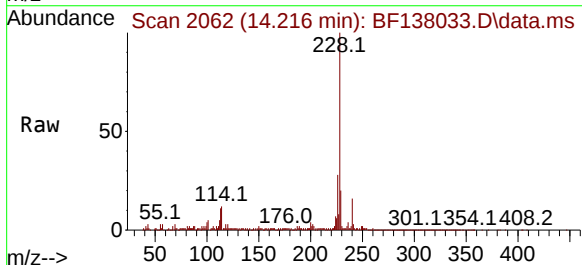
Tgt Ion:228 Resp: 159306

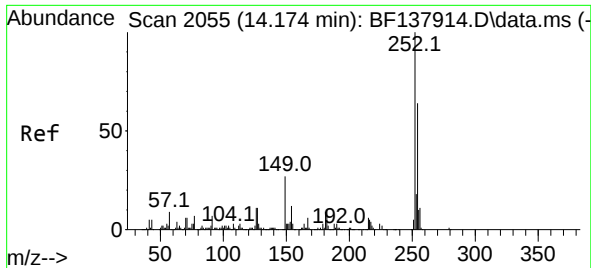
Ion Ratio Lower Upper

228 100

226 28.3 21.3 31.9

229 19.5 15.7 23.5

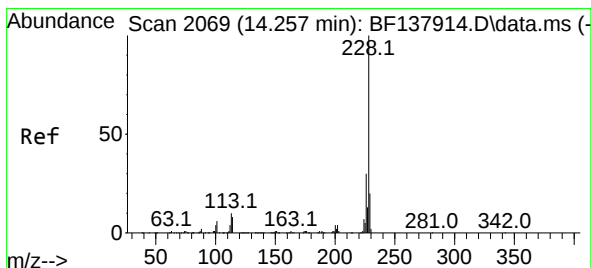
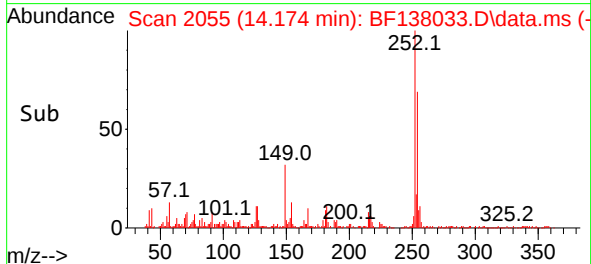
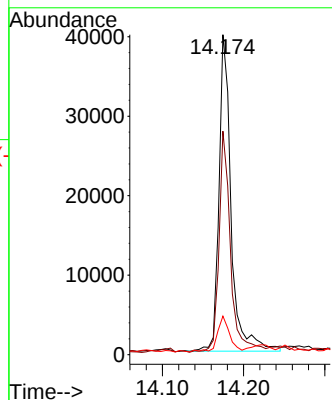
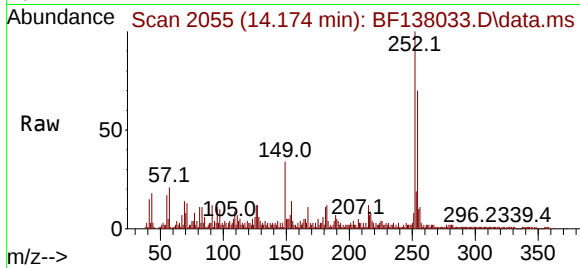




#82
3,3'-Dichlorobenzidine
Concen: 9.150 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

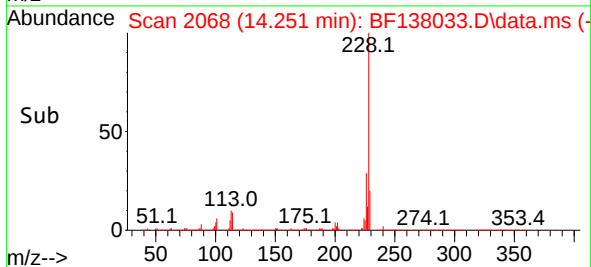
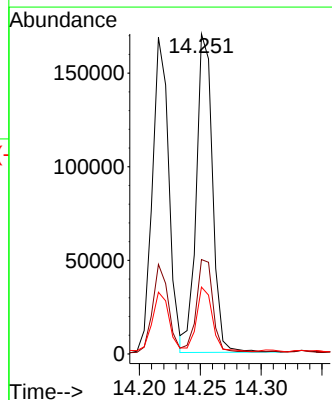
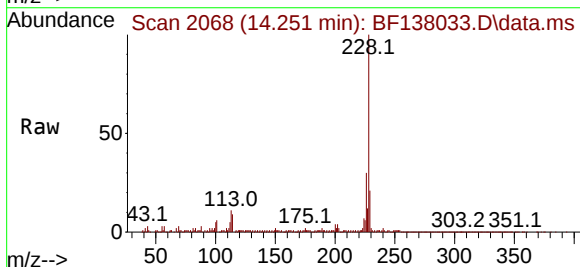
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

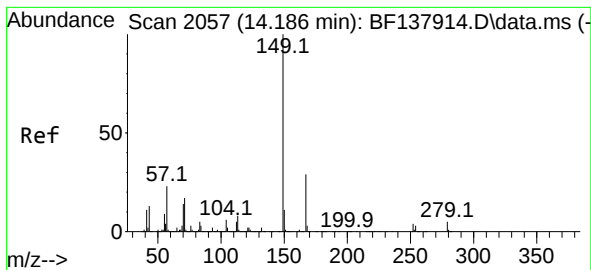
Tgt Ion:252 Resp: 41571
Ion Ratio Lower Upper
252 100
254 69.9 51.2 76.8
126 12.1 8.7 13.1



#83
Chrysene
Concen: 10.097 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:228 Resp: 158305
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 20.9 15.6 23.4

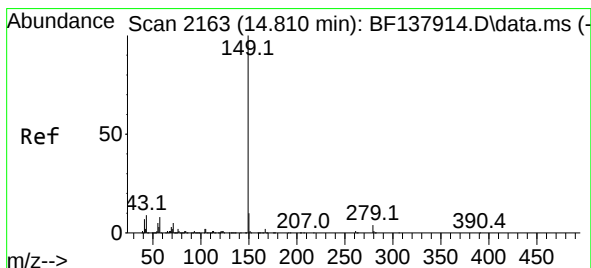
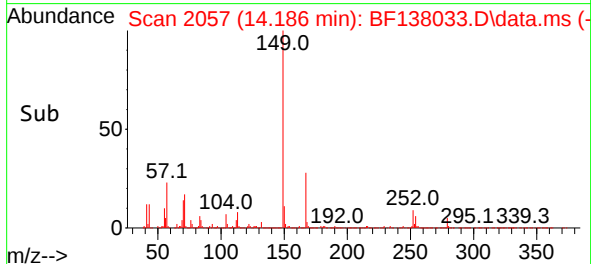
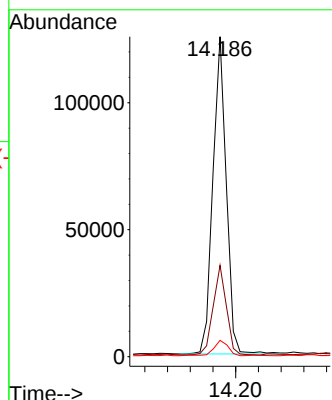
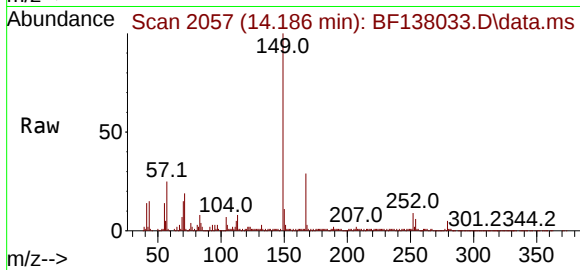




#84
Bis(2-ethylhexyl)phthalate
Concen: 11.888 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

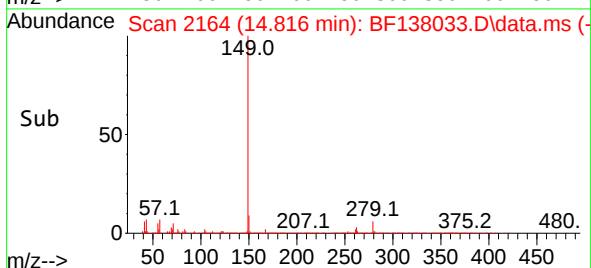
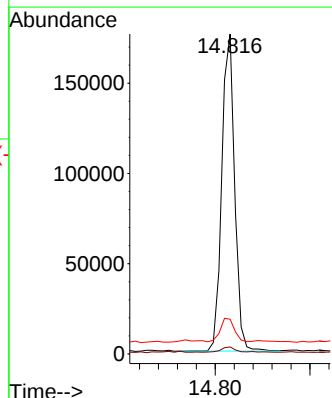
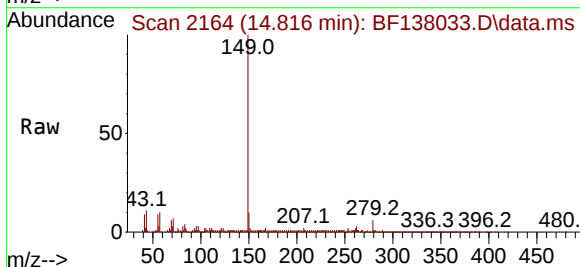
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

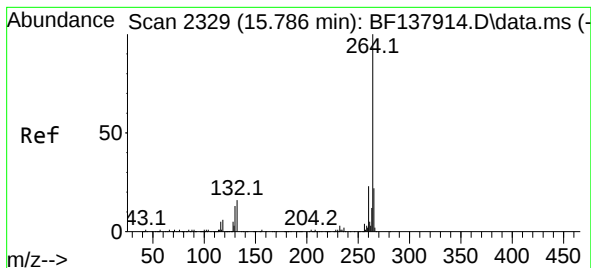
Tgt Ion:149 Resp: 102157
Ion Ratio Lower Upper
149 100
167 28.6 23.2 34.8
279 5.1 4.1 6.1



#85
Di-n-octyl phthalate
Concen: 14.312 ng
RT: 14.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:149 Resp: 166154
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 8.5 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

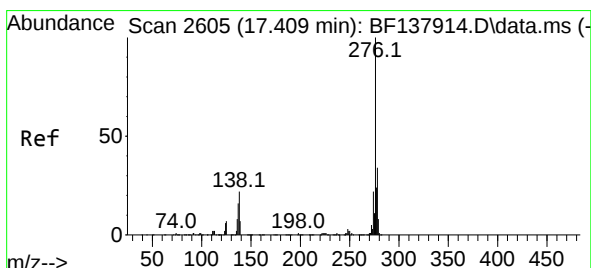
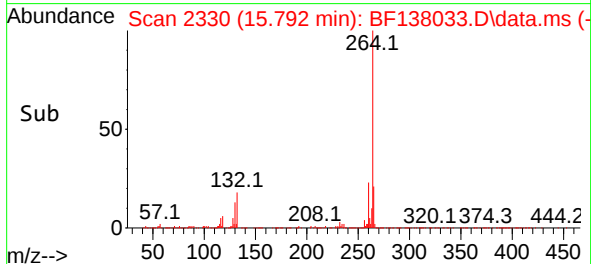
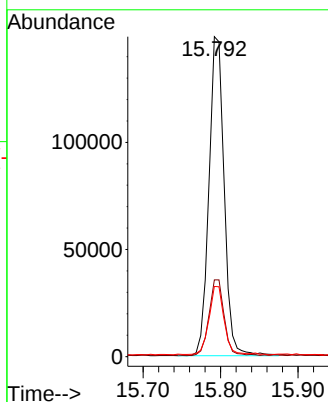
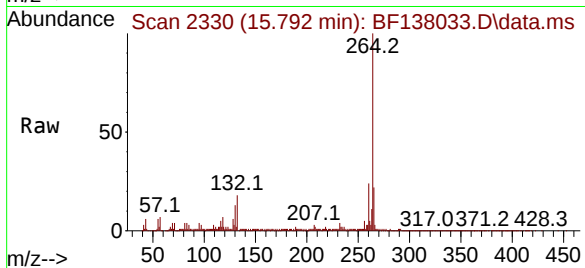
Tgt Ion:264 Resp: 203582

Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

265 22.0 17.6 26.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 7.194 ng

RT: 17.415 min Scan# 2606

Delta R.T. 0.006 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

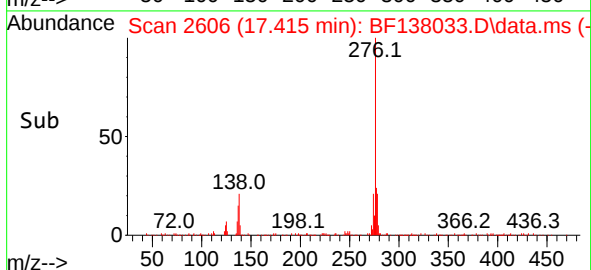
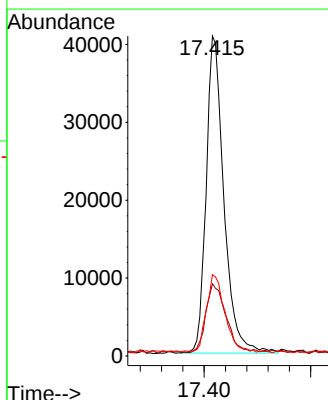
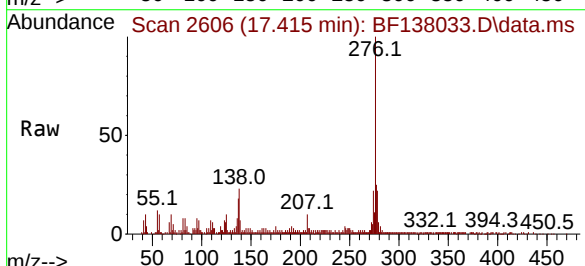
Tgt Ion:276 Resp: 94090

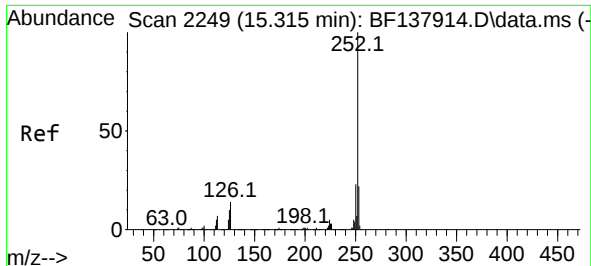
Ion Ratio Lower Upper

276 100

138 24.5 20.6 30.8

277 25.4 20.2 30.2

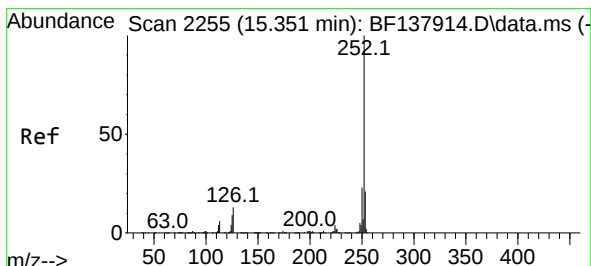
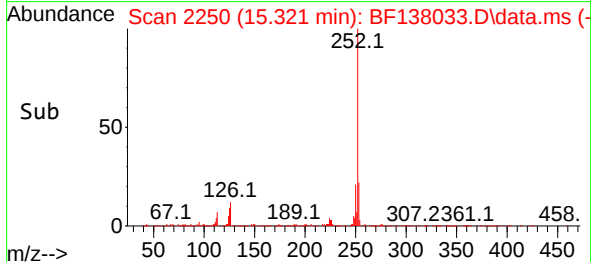
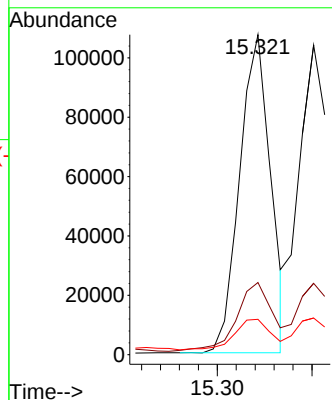
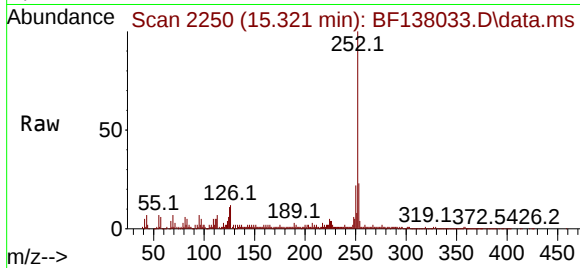




#88
Benzo(b)fluoranthene
Concen: 10.312 ng
RT: 15.321 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

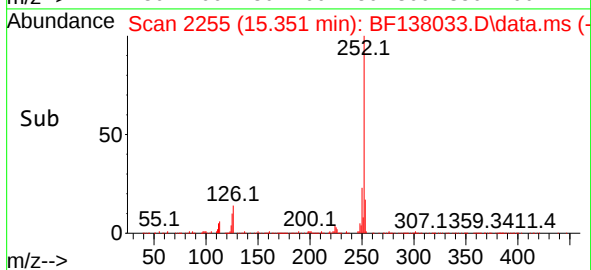
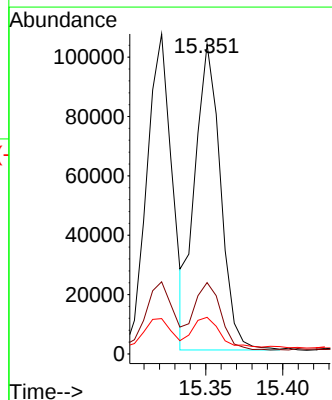
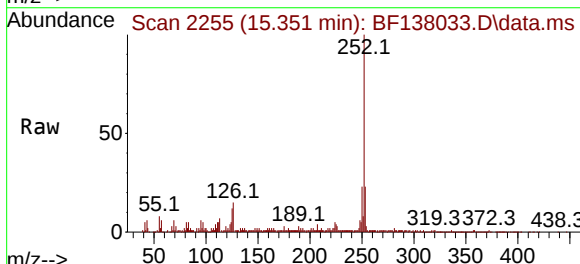
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MSD

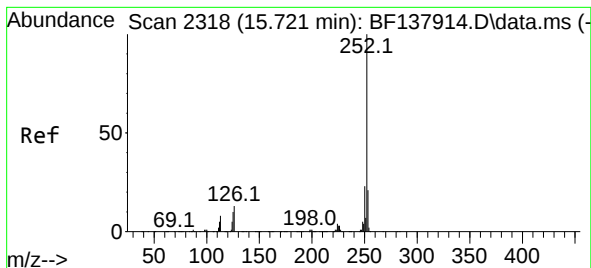
Tgt Ion:252 Resp: 121553
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 11.1 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 10.241 ng m
RT: 15.351 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BF138033.D
Acq: 23 May 2024 18:01

Tgt Ion:252 Resp: 118597
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.0
125 11.9 7.7 11.5#





#90

Benzo(a)pyrene

Concen: 10.295 ng

RT: 15.721 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD

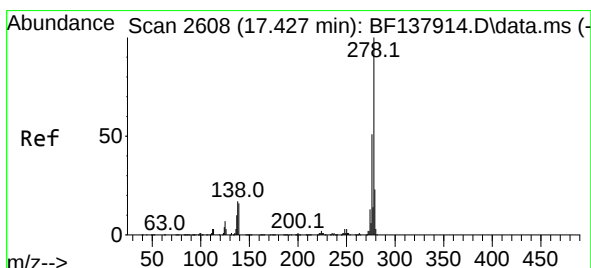
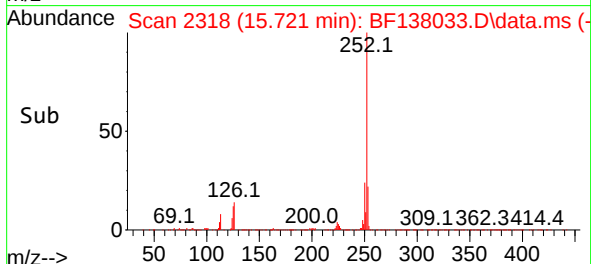
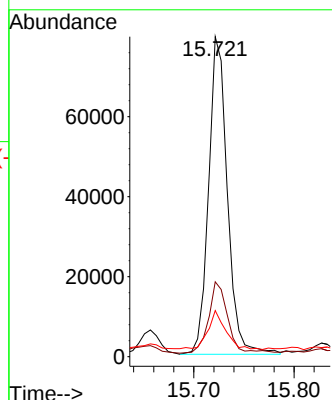
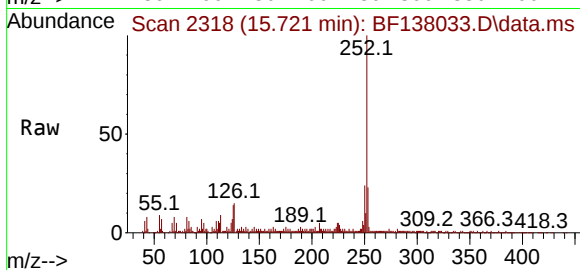
Tgt Ion:252 Resp: 103619

Ion Ratio Lower Upper

252 100

253 23.4 17.0 25.6

125 14.4 7.8 11.8#



#91

Dibenzo(a,h)anthracene

Concen: 7.023 ng

RT: 17.439 min Scan# 2610

Delta R.T. 0.012 min

Lab File: BF138033.D

Acq: 23 May 2024 18:01

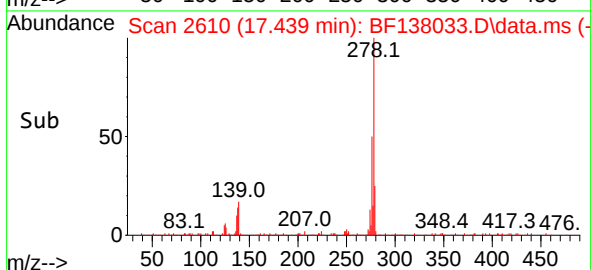
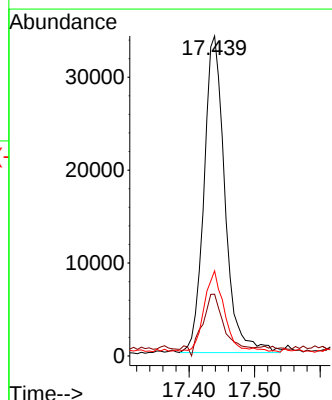
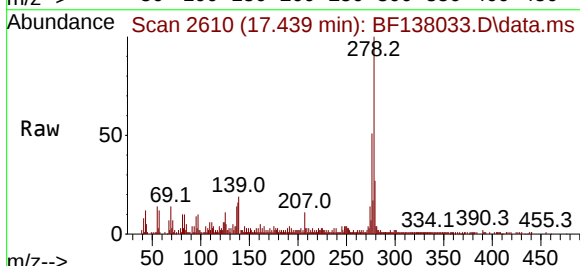
Tgt Ion:278 Resp: 75894

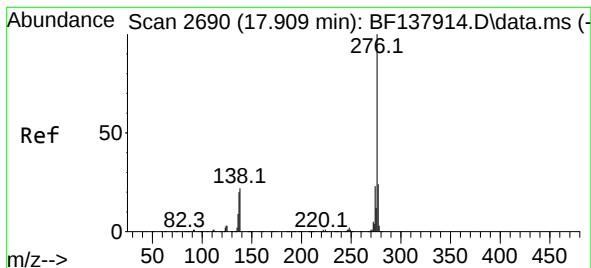
Ion Ratio Lower Upper

278 100

139 19.3 13.1 19.7

279 26.6 18.5 27.7





#92

Benzo(g,h,i)perylene

Concen: 6.254 ng

RT: 17.915 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF138033.D

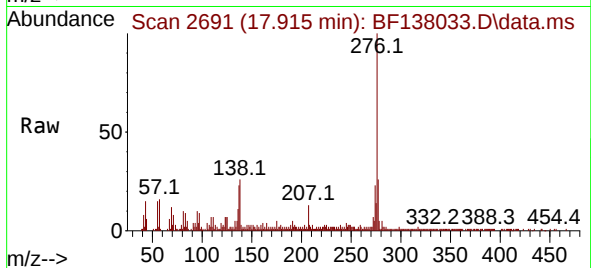
Acq: 23 May 2024 18:01

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MSD



Tgt Ion:276 Resp: 70997

Ion Ratio Lower Upper

276 100

277 25.6 18.9 28.3

138 26.0 17.6 26.4

