

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138032.D
 Acq On : 23 May 2024 17:31
 Operator : CG\JU
 Sample : P2578-01MS 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-052224MS

Quant Time: May 24 01:24:12 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	136726	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	512005	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	259694	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	369098	20.000	ng	0.00
76) Chrysene-d12	14.227	240	265992	20.000	ng	0.00
86) Perylene-d12	15.798	264	223212	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	100655	12.505	ng	-0.01
7) Phenol-d6	6.640	99	125831	12.691	ng	-0.02
23) Nitrobenzene-d5	7.592	82	73342	8.430	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	28512	10.889	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	169859	10.075	ng	0.00
79) Terphenyl-d14	13.157	244	130986	7.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.940	88	25958	7.444	ng	# 94
3) Pyridine	3.716	79	58042	7.418	ng	99
4) n-Nitrosodimethylamine	3.657	42	28083	8.136	ng	96
6) Aniline	6.693	93	42440	4.785	ng	97
8) 2-Chlorophenol	6.816	128	82507	9.472	ng	97
9) Benzaldehyde	6.587	77	13348	2.488	ng	98
10) Phenol	6.657	94	93408	9.333	ng	92
11) bis(2-Chloroethyl)ether	6.757	93	73696	9.590	ng	98
12) 1,3-Dichlorobenzene	6.975	146	91289	9.058	ng	98
13) 1,4-Dichlorobenzene	7.051	146	93366	9.229	ng	99
14) 1,2-Dichlorobenzene	7.204	146	87253	9.164	ng	98
15) Benzyl Alcohol	7.163	79	62677	9.467	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.292	45	93566	9.906	ng	98
17) 2-Methylphenol	7.269	107	62522	9.000	ng	99
18) Hexachloroethane	7.545	117	28542	8.338	ng	97
19) n-Nitroso-di-n-propyla...	7.428	70	55621	9.985	ng	95
20) 3+4-Methylphenols	7.422	107	82085	9.020	ng	98
22) Acetophenone	7.434	105	113194	9.869	ng	# 96
24) Nitrobenzene	7.610	77	76221	8.636	ng	100
25) Isophorone	7.845	82	145968	9.667	ng	98
26) 2-Nitrophenol	7.928	139	39200	8.839	ng	99
27) 2,4-Dimethylphenol	7.951	122	55822	9.777	ng	98
28) bis(2-Chloroethoxy)met...	8.051	93	90090	9.844	ng	99
29) 2,4-Dichlorophenol	8.163	162	65156	9.075	ng	97
30) 1,2,4-Trichlorobenzene	8.257	180	74282	9.266	ng	98
31) Naphthalene	8.339	128	242284	9.411	ng	99
32) Benzoic acid	8.004	122	28321m	5.868	ng	
33) 4-Chloroaniline	8.381	127	43948	5.208	ng	97
34) Hexachlorobutadiene	8.451	225	44517	8.773	ng	97
35) Caprolactam	8.722	113	18669	8.975	ng	95
36) 4-Chloro-3-methylphenol	8.851	107	63053	8.633	ng	98
37) 2-Methylnaphthalene	9.034	142	153984	9.305	ng	98
38) 1-Methylnaphthalene	9.134	142	142354	8.750	ng	99
40) 1,2,4,5-Tetrachloroben...	9.198	216	71294	10.098	ng	99
41) Hexachlorocyclopentadiene	9.181	237	19836	7.394	ng	96
43) 2,4,6-Trichlorophenol	9.304	196	43556	9.409	ng	100

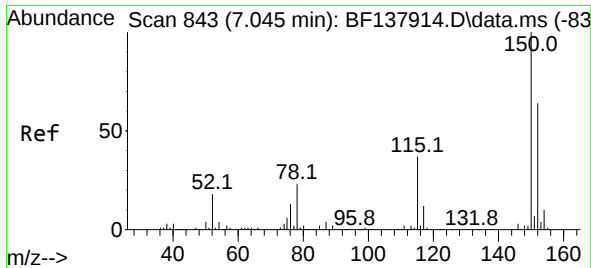
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
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 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.345	196	43912	8.670	ng	96
46) 1,1'-Biphenyl	9.492	154	186095	10.217	ng	99
47) 2-Chloronaphthalene	9.522	162	138779	9.545	ng	99
48) 2-Nitroaniline	9.616	65	34208	9.187	ng	93
49) Acenaphthylene	9.939	152	215866	10.325	ng	100
50) Dimethylphthalate	9.786	163	169968	10.437	ng	100
51) 2,6-Dinitrotoluene	9.851	165	33385	8.932	ng	99
52) Acenaphthene	10.116	154	125496	9.082	ng	98
53) 3-Nitroaniline	10.028	138	26307	7.200	ng	92
54) 2,4-Dinitrophenol	10.133	184	5609	9.503	ng	85
55) Dibenzofuran	10.286	168	190974	9.496	ng	97
56) 4-Nitrophenol	10.175	139	37104	14.138	ng	93
57) 2,4-Dinitrotoluene	10.257	165	40484	8.379	ng	94
58) Fluorene	10.628	166	146683	9.222	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.398	232	33499	8.419	ng	97
60) Diethylphthalate	10.486	149	155363	10.215	ng	97
61) 4-Chlorophenyl-phenyle...	10.616	204	72243	9.210	ng	99
62) 4-Nitroaniline	10.633	138	28352	8.181	ng	97
63) Azobenzene	10.780	77	123960	8.960	ng	98
65) 4,6-Dinitro-2-methylph...	10.663	198	6195	2.907	ng	84
66) n-Nitrosodiphenylamine	10.733	169	124169	10.970	ng	98
67) 4-Bromophenyl-phenylether	11.110	248	41400	10.231	ng	99
68) Hexachlorobenzene	11.180	284	41044	9.176	ng	97
69) Atrazine	11.257	200	38118	12.332	ng	99
70) Pentachlorophenol	11.375	266	37958	14.488	ng	98
71) Phenanthrene	11.598	178	182067	10.010	ng	99
72) Anthracene	11.651	178	177203	9.819	ng	99
73) Carbazole	11.804	167	155567	9.437	ng	97
74) Di-n-butylphthalate	12.122	149	202402	11.063	ng	99
75) Fluoranthene	12.792	202	182172	9.867	ng	99
77) Benzidine	12.916	184	46309	13.322	ng	94
78) Pyrene	13.027	202	189244	8.134	ng	98
80) Butylbenzylphthalate	13.633	149	70158	9.998	ng	96
81) Benzo(a)anthracene	14.216	228	167883	9.976	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	43880	9.409	ng	97
83) Chrysene	14.251	228	160605	9.979	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	102515	11.622	ng	99
85) Di-n-octyl phthalate	14.816	149	174520	14.645	ng	97
87) Indeno(1,2,3-cd)pyrene	17.415	276	97726	6.815	ng	98
88) Benzo(b)fluoranthene	15.321	252	133370	10.319	ng	98
89) Benzo(k)fluoranthene	15.351	252	133999	10.554	ng	96
90) Benzo(a)pyrene	15.721	252	113258	10.263	ng	# 95
91) Dibenzo(a,h)anthracene	17.439	278	79464	6.707	ng	96
92) Benzo(g,h,i)perylene	17.915	276	75218	6.043	ng	98

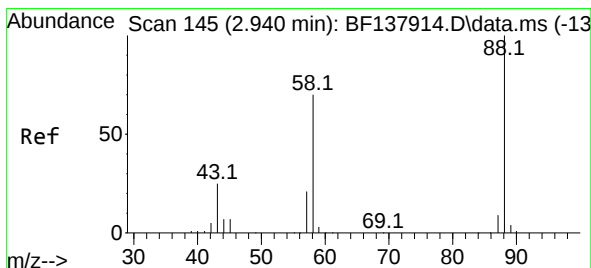
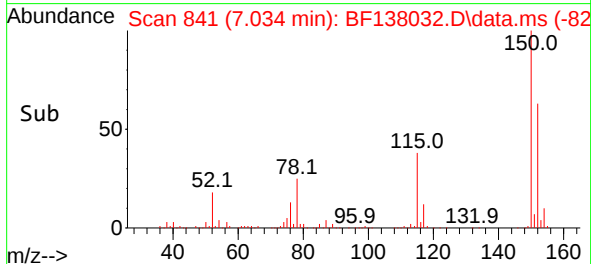
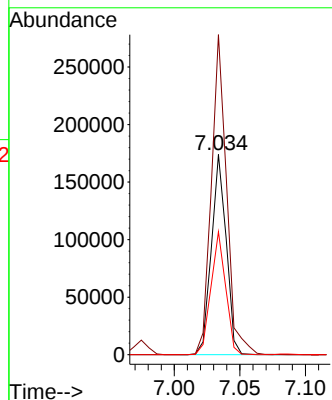
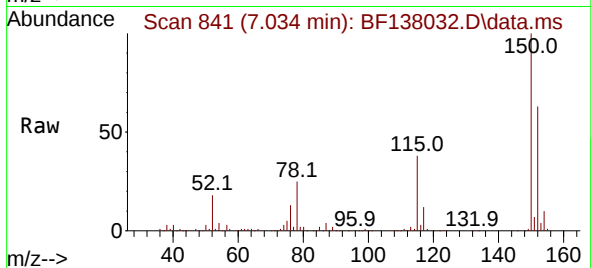
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

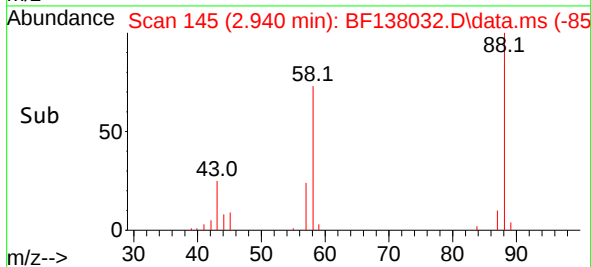
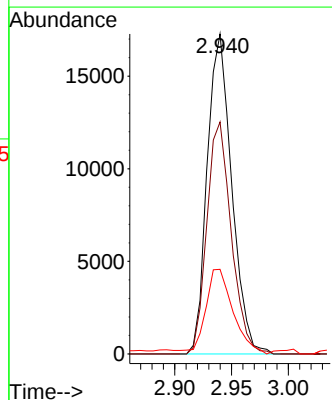
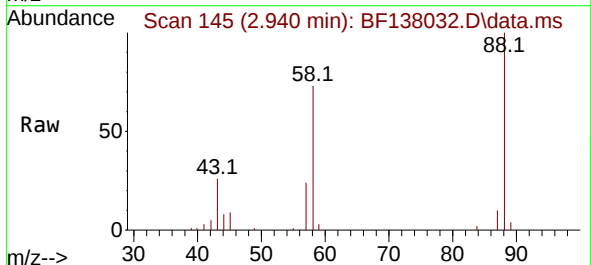
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

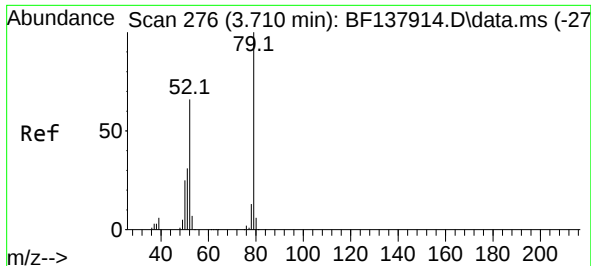
Tgt Ion:152 Resp: 136726
Ion Ratio Lower Upper
152 100
150 159.9 125.7 188.5
115 61.4 47.0 70.6



#2
1,4-Dioxane
Concen: 7.444 ng
RT: 2.940 min Scan# 145
Delta R.T. 0.000 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion: 88 Resp: 25958
Ion Ratio Lower Upper
88 100
58 72.1 54.4 81.6
43 29.5 19.6 29.4#

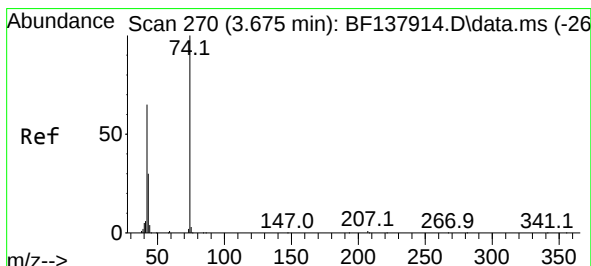
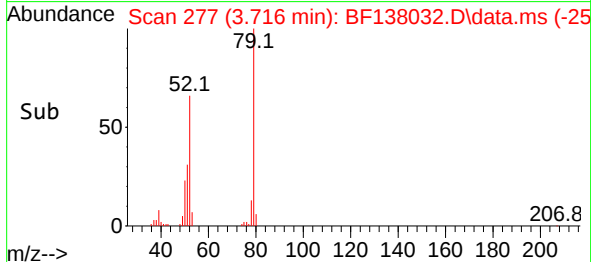
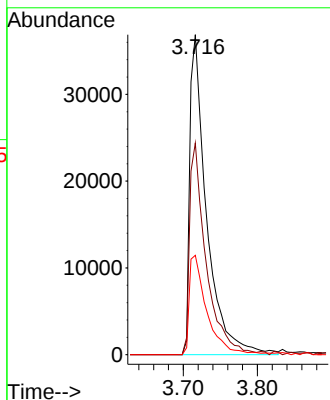
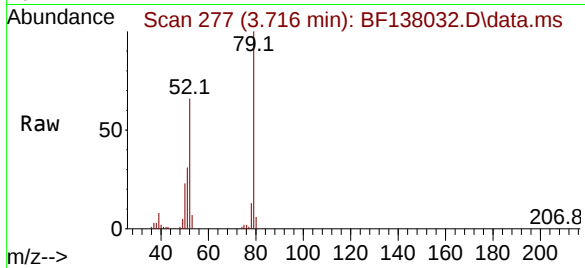




#3
 Pyridine
 Concen: 7.418 ng
 RT: 3.716 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF138032.D
 Acq: 23 May 2024 17:31

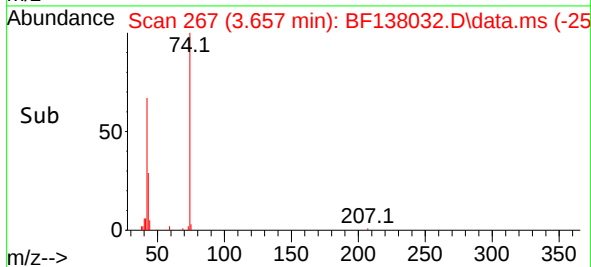
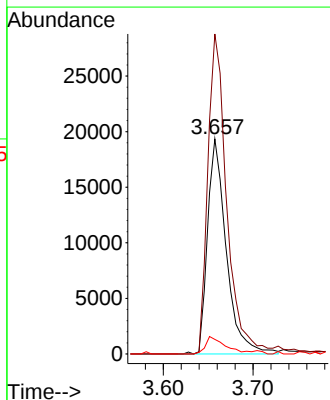
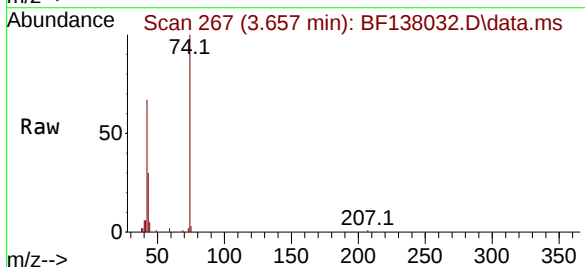
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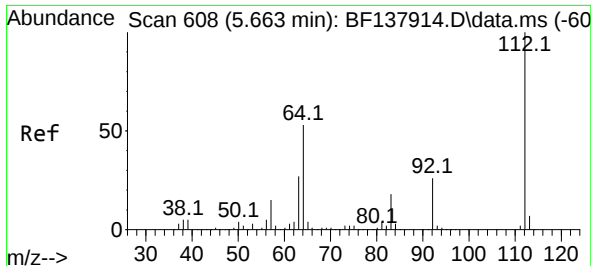
Tgt Ion: 79 Resp: 58042
 Ion Ratio Lower Upper
 79 100
 52 66.1 52.5 78.7
 51 31.0 25.1 37.7



#4
 n-Nitrosodimethylamine
 Concen: 8.136 ng
 RT: 3.657 min Scan# 267
 Delta R.T. -0.018 min
 Lab File: BF138032.D
 Acq: 23 May 2024 17:31

Tgt Ion: 42 Resp: 28083
 Ion Ratio Lower Upper
 42 100
 74 148.8 123.1 184.7
 44 6.7 5.0 7.6

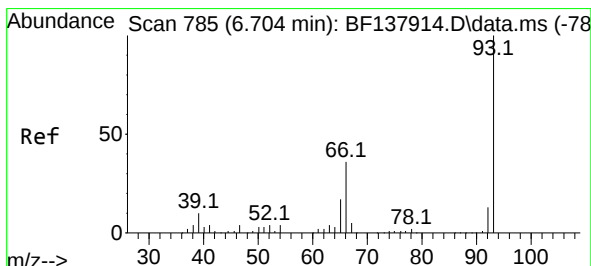
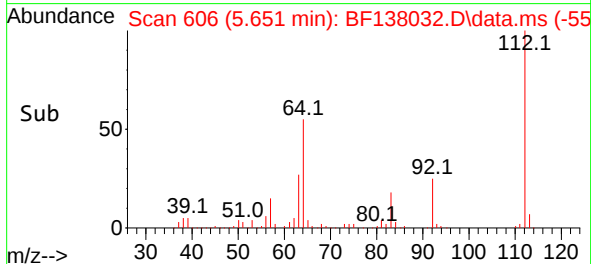
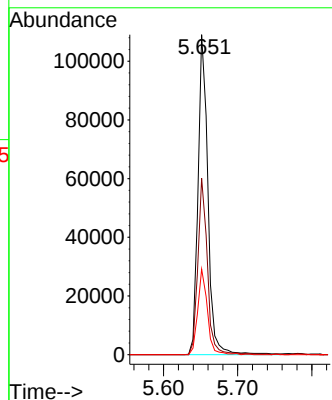
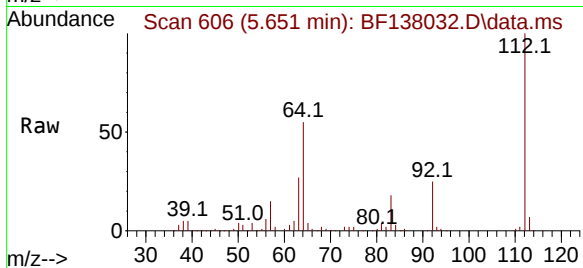




#5
2-Fluorophenol
Concen: 12.505 ng
RT: 5.651 min Scan# 608
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

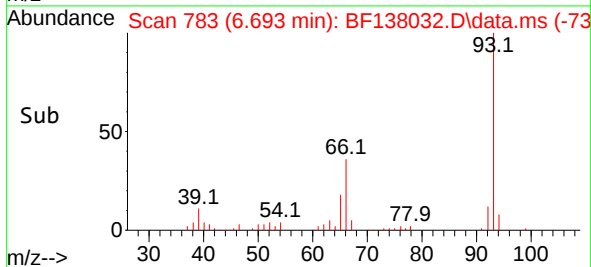
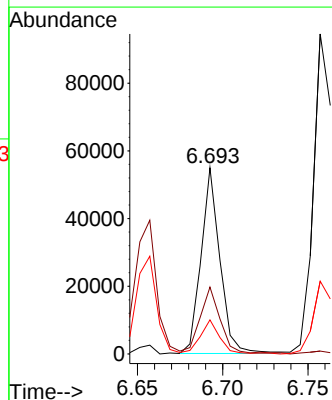
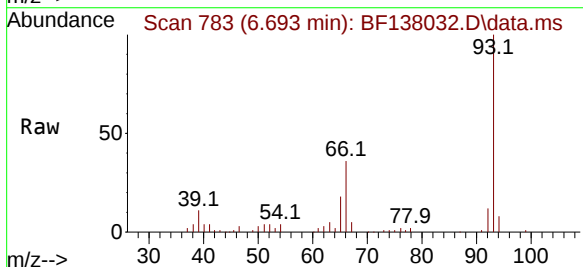
Instrument :
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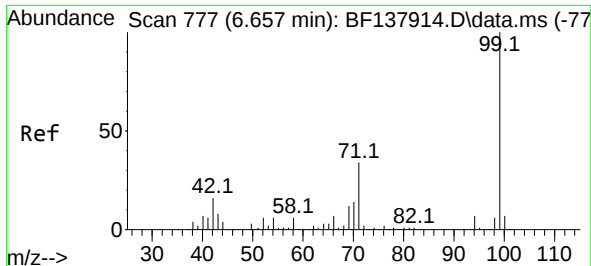
Tgt Ion:112 Resp: 100655
Ion Ratio Lower Upper
112 100
64 55.1 42.4 63.6
63 26.8 21.4 32.2



#6
Aniline
Concen: 4.785 ng
RT: 6.693 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion: 93 Resp: 42440
Ion Ratio Lower Upper
93 100
66 35.9 30.7 46.1
65 18.3 15.0 22.4

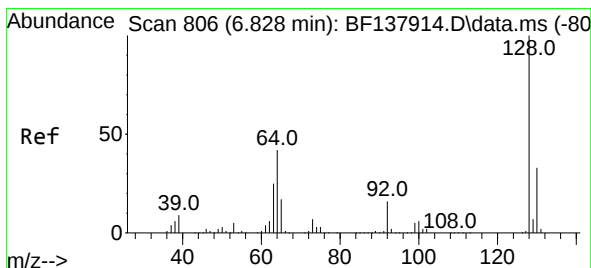
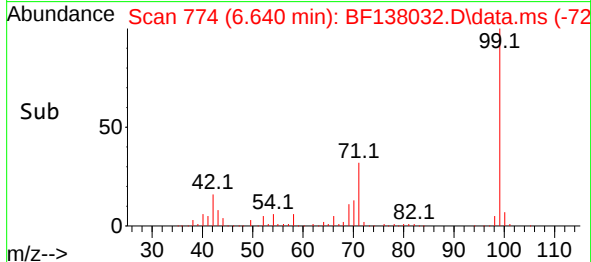
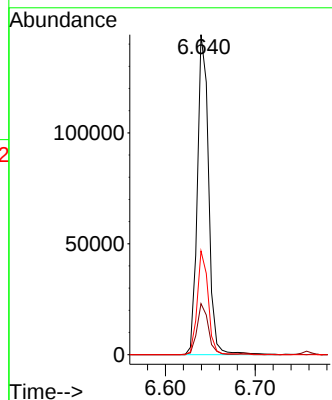
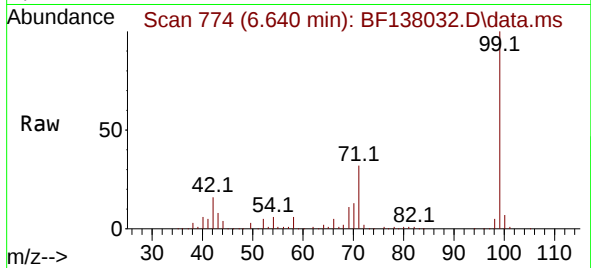




#7
Phenol-d6
Concen: 12.691 ng
RT: 6.640 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

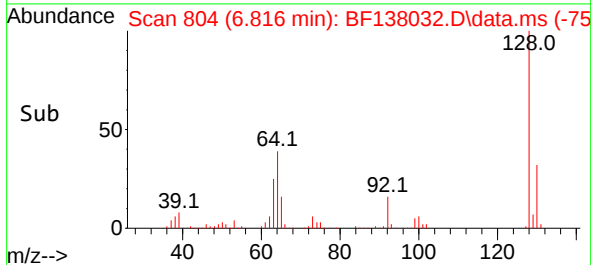
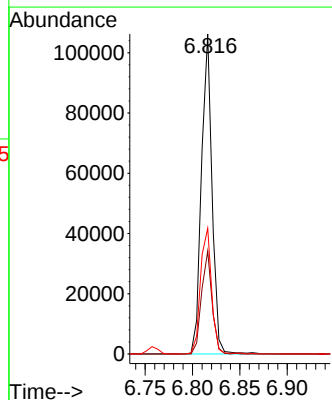
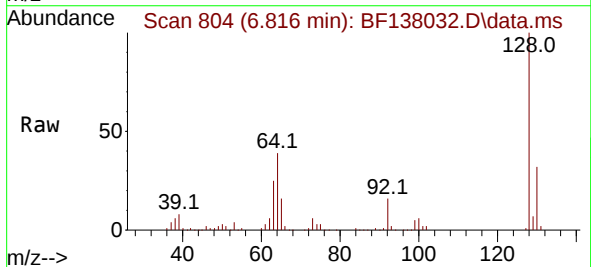
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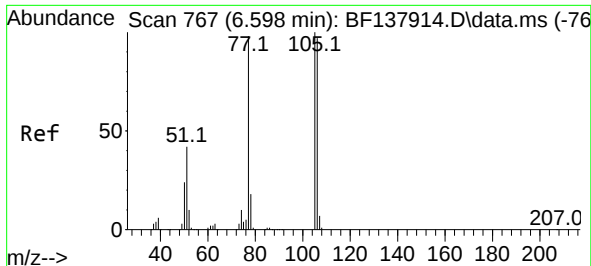
Tgt Ion: 99 Resp: 125831
Ion Ratio Lower Upper
99 100
42 15.9 12.6 18.8
71 32.4 27.1 40.7



#8
2-Chlorophenol
Concen: 9.472 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion: 128 Resp: 82507
Ion Ratio Lower Upper
128 100
130 32.2 12.8 52.8
64 39.3 22.2 62.2

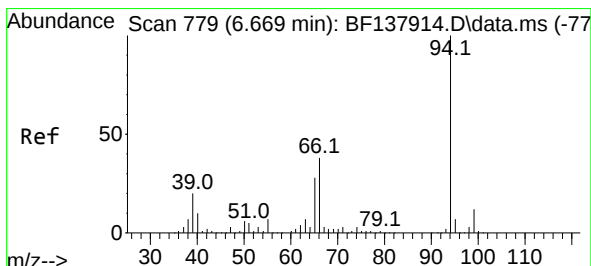
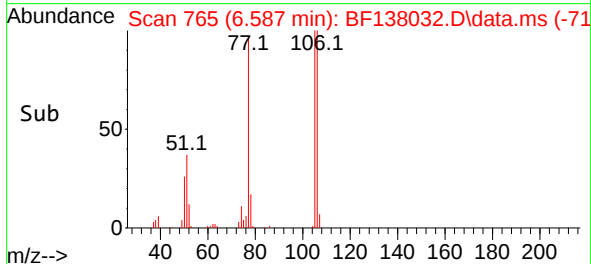
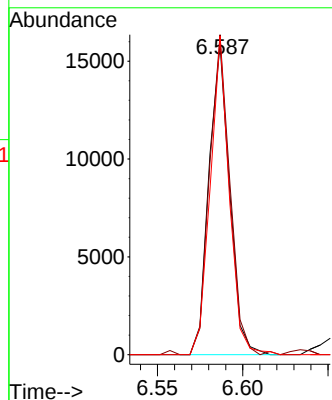
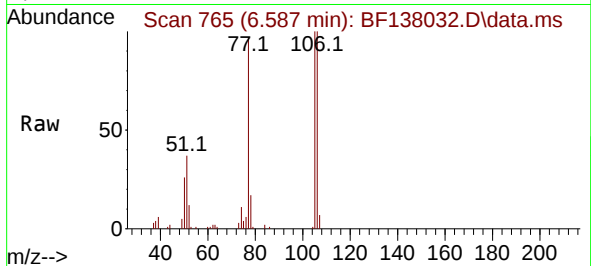




#9
Benzaldehyde
Concen: 2.488 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.011 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

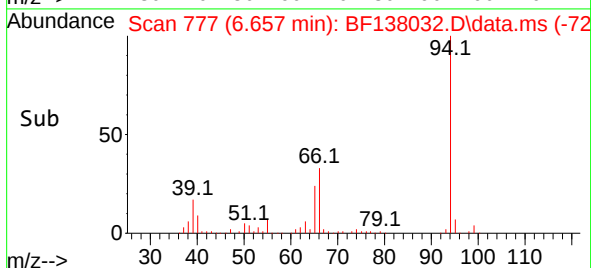
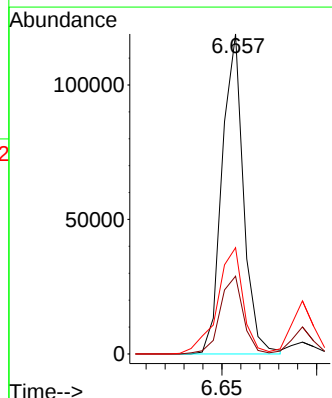
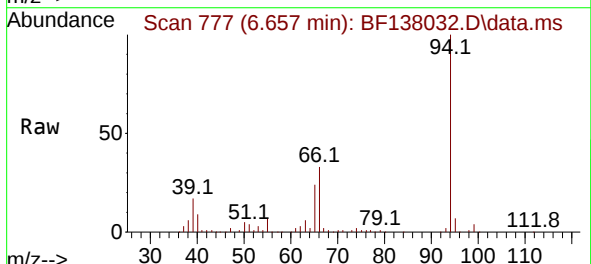
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ClientSampleId :
OR-02-052224MS

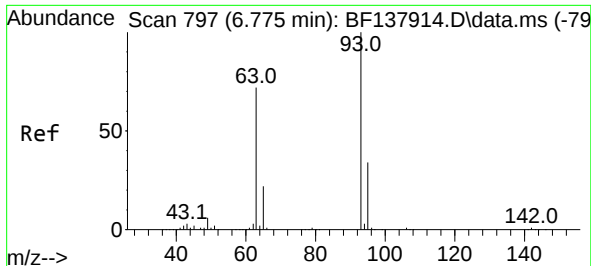
Tgt Ion:	77	Resp:	13348
Ion	Ratio	Lower	Upper
77	100		
105	103.2	82.3	122.3
106	102.8	79.2	119.2



#10
Phenol
Concen: 9.333 ng
RT: 6.657 min Scan# 777
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:	94	Resp:	93408
Ion	Ratio	Lower	Upper
94	100		
65	24.3	7.8	47.8
66	33.2	18.6	58.6





#11

bis(2-Chloroethyl)ether

Concen: 9.590 ng

RT: 6.757 min Scan# 797

Delta R.T. -0.018 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

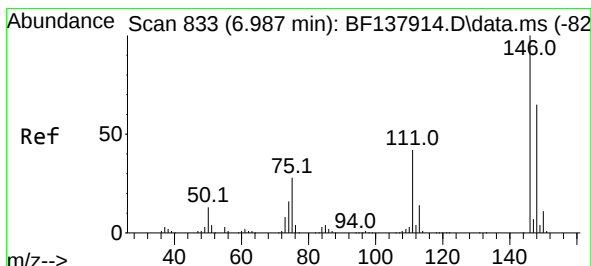
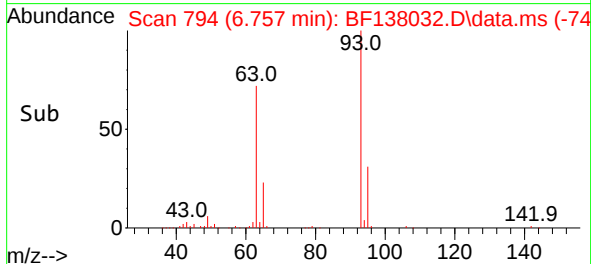
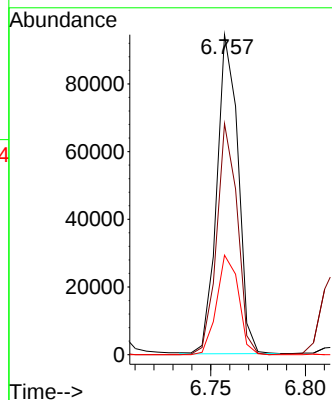
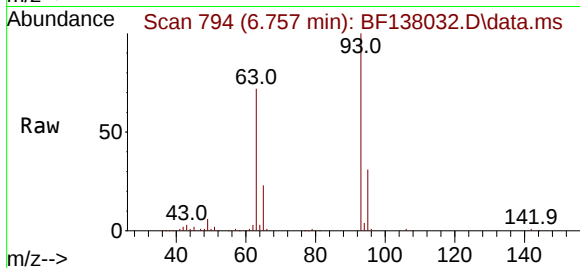
Tgt Ion: 93 Resp: 73696

Ion Ratio Lower Upper

93 100

63 72.2 51.4 91.4

95 31.1 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 9.058 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.012 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

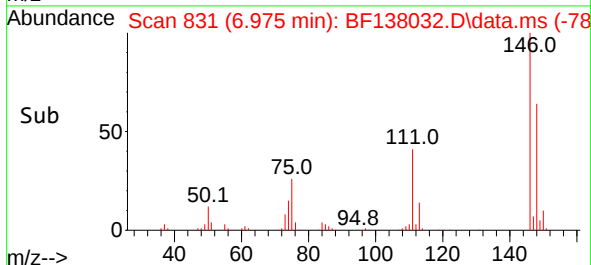
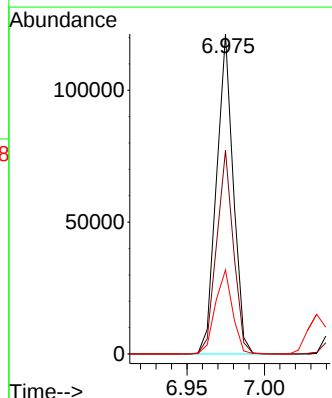
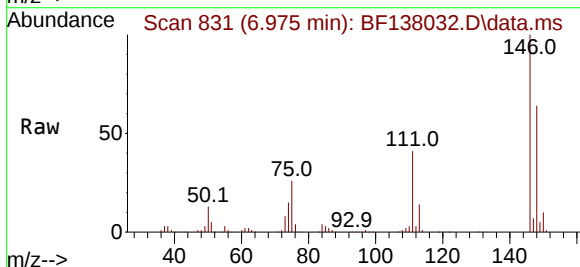
Tgt Ion: 146 Resp: 91289

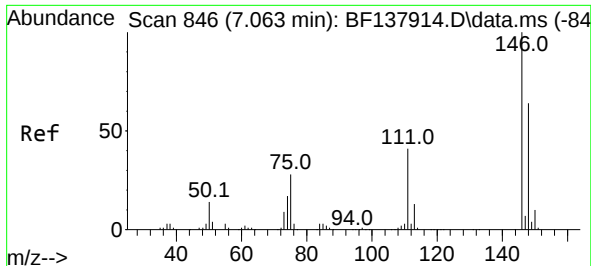
Ion Ratio Lower Upper

146 100

148 63.6 51.7 77.5

75 26.3 22.4 33.6





#13

1,4-Dichlorobenzene

Concen: 9.229 ng

RT: 7.051 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

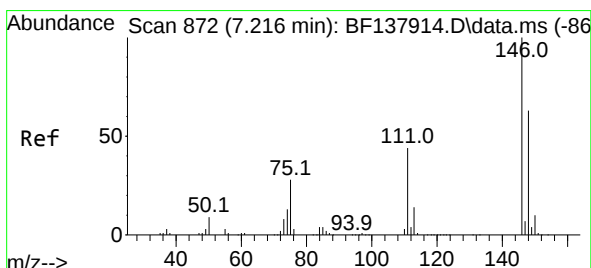
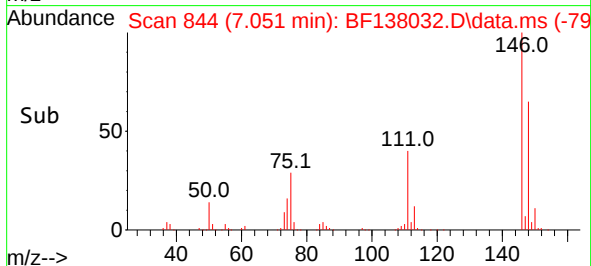
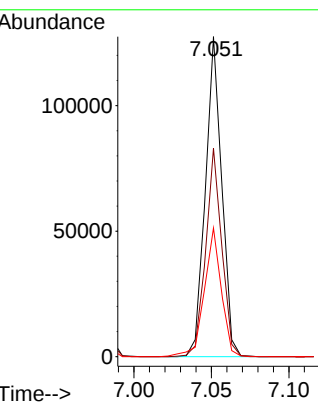
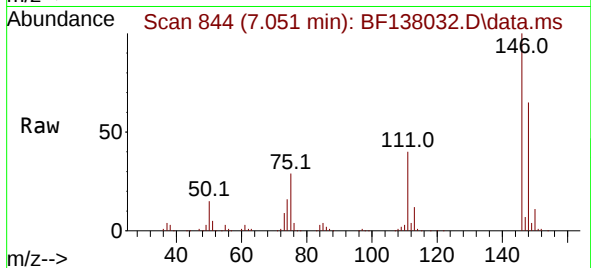
Tgt Ion:146 Resp: 93366

Ion Ratio Lower Upper

146 100

148 65.1 51.0 76.6

111 40.2 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 9.164 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

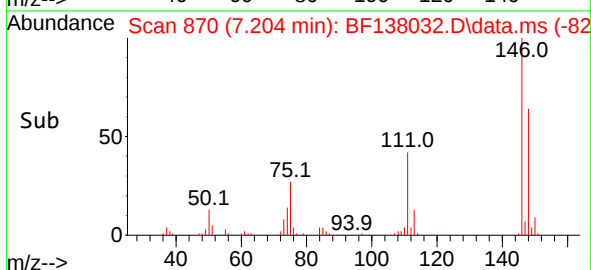
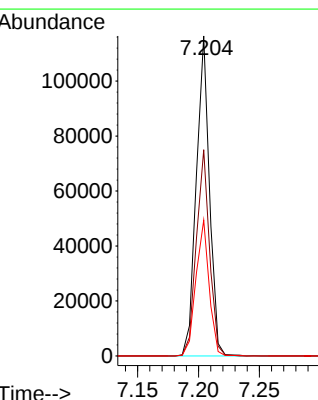
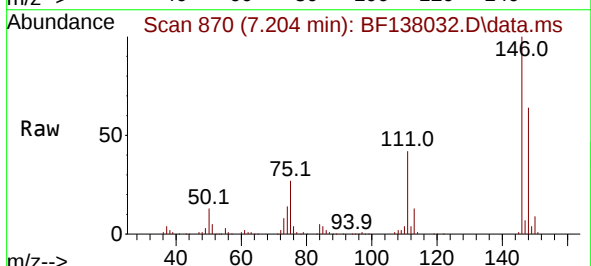
Tgt Ion:146 Resp: 87253

Ion Ratio Lower Upper

146 100

148 64.5 50.2 75.4

111 42.5 35.1 52.7

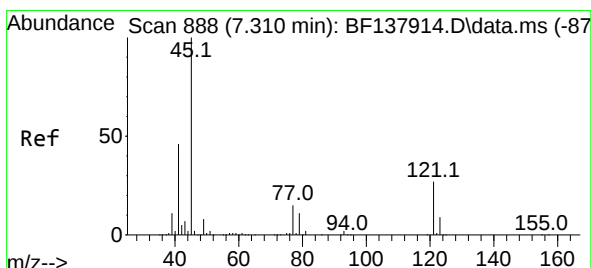
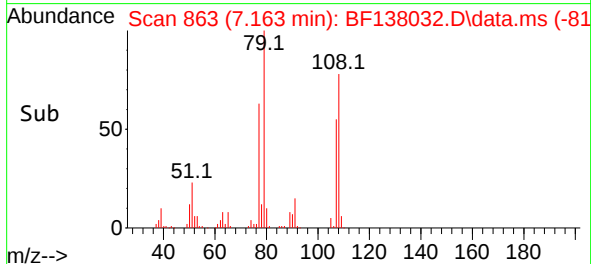
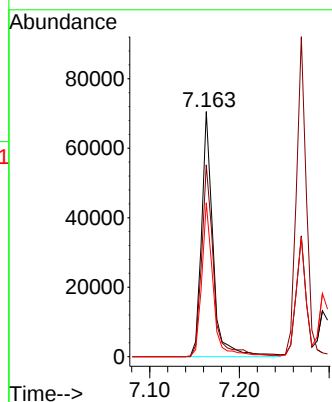
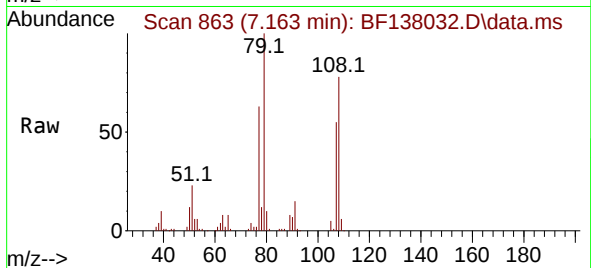




#15
Benzyl Alcohol
Concen: 9.467 ng
RT: 7.163 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

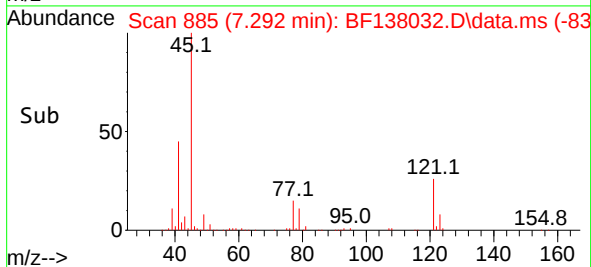
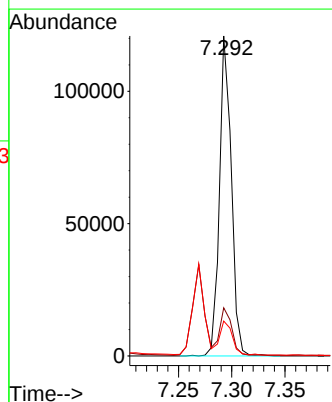
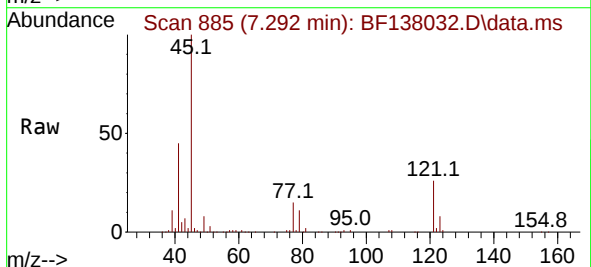
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

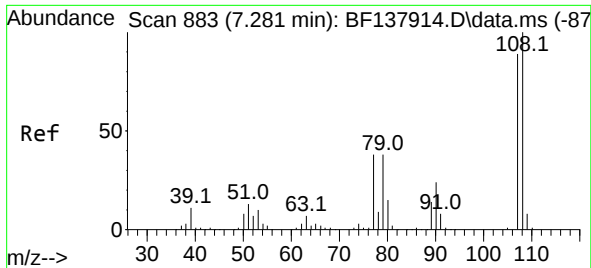
Tgt Ion: 79 Resp: 62677
Ion Ratio Lower Upper
79 100
108 78.3 62.8 94.2
77 62.8 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.906 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion: 45 Resp: 93566
Ion Ratio Lower Upper
45 100
77 15.1 0.0 35.3
79 10.9 0.0 32.1

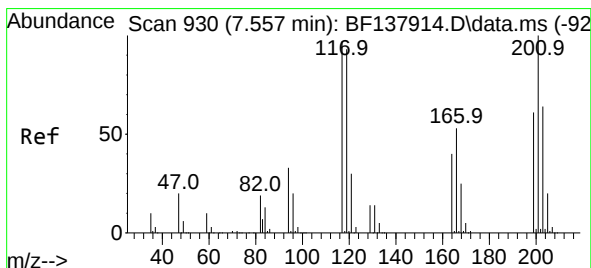
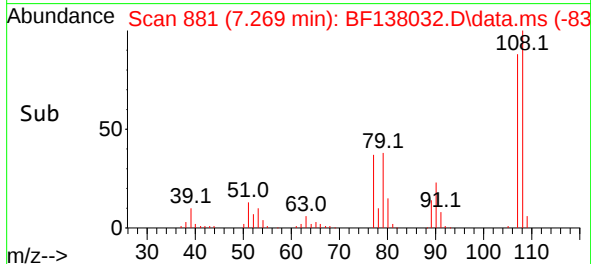
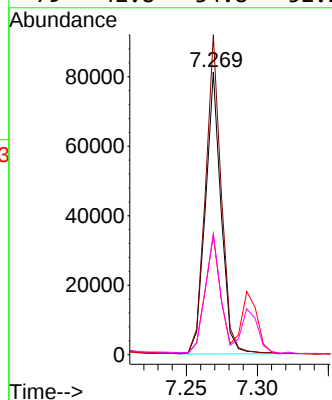
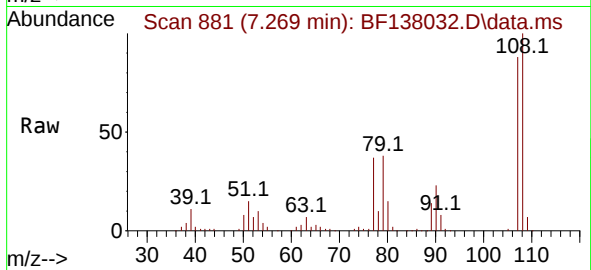




#17
2-Methylphenol
Concen: 9.000 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

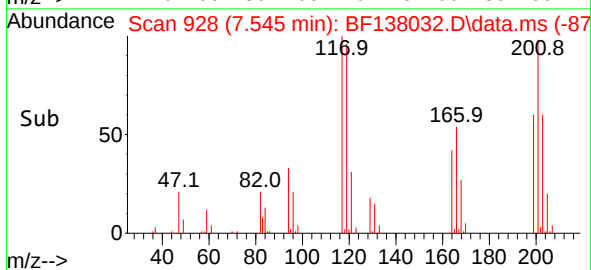
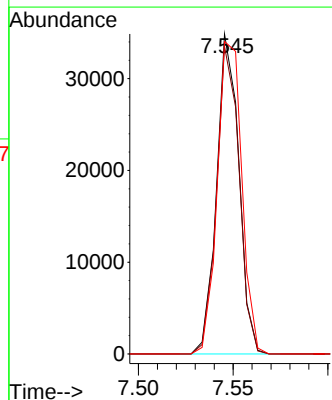
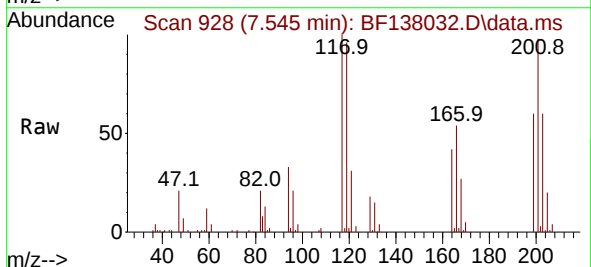
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

Tgt	Ion:107	Resp:	62522
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.1	135.1
77	42.3	34.3	51.5
79	42.8	34.8	52.2



#18
Hexachloroethane
Concen: 8.338 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:117	Resp:	28542	
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.8	115.2
201	97.6	82.7	124.1

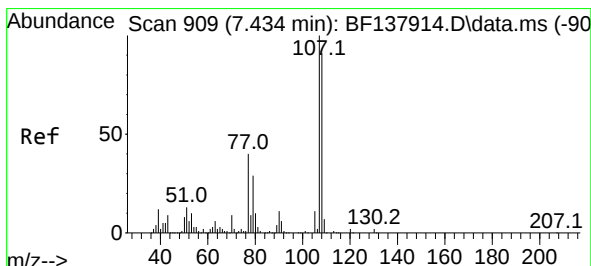
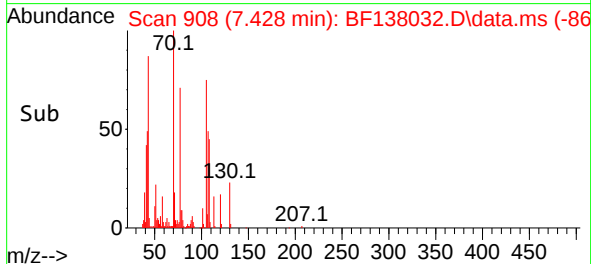
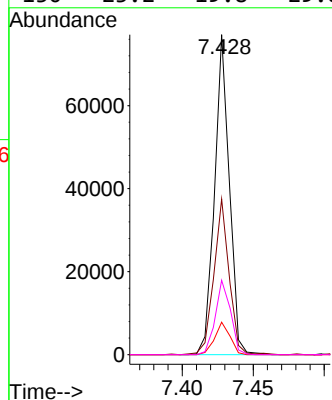
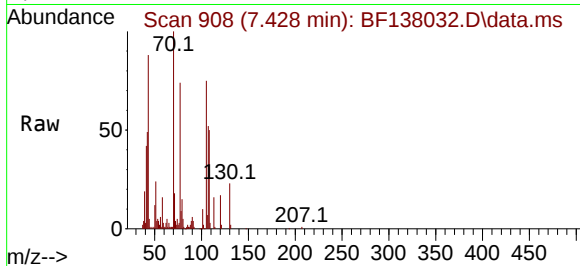




#19
n-Nitroso-di-n-propylamine
Concen: 9.985 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.023 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

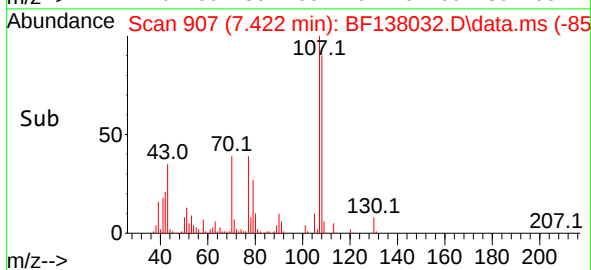
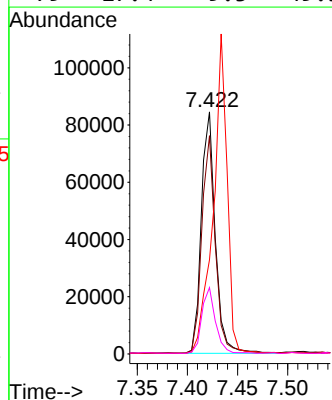
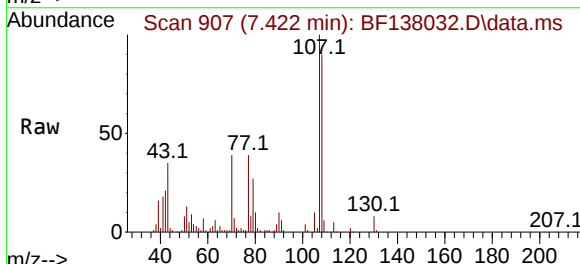
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

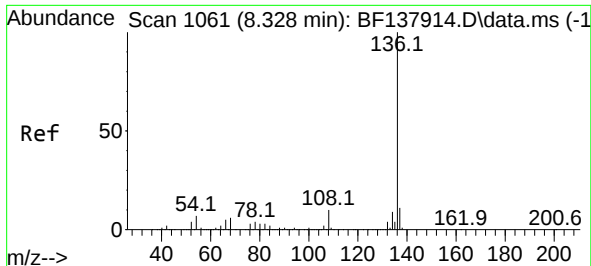
Tgt Ion:	70	Resp:	55621
Ion	Ratio	Lower	Upper
70	100		
42	48.7	42.2	63.4
101	10.2	8.8	13.2
130	23.2	19.8	29.8



#20
3+4-Methylphenols
Concen: 9.020 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:	107	Resp:	82085
Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.8	110.8
77	38.9	20.2	60.2
79	27.4	9.3	49.3

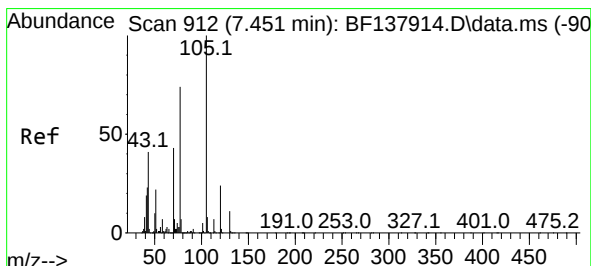
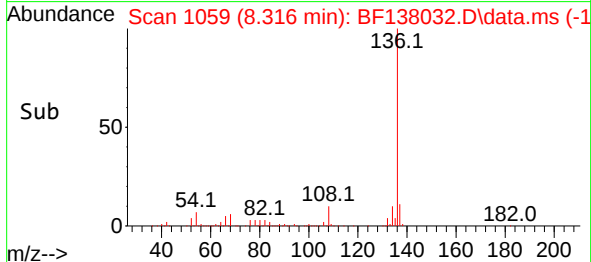
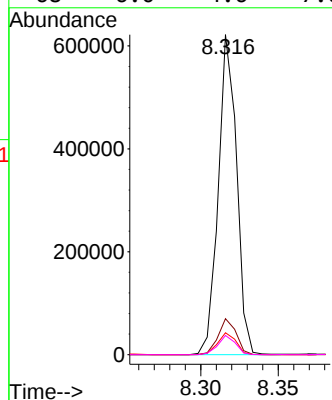
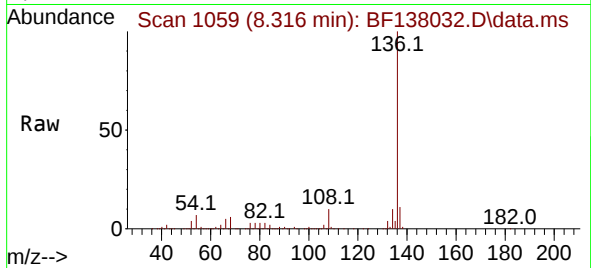




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

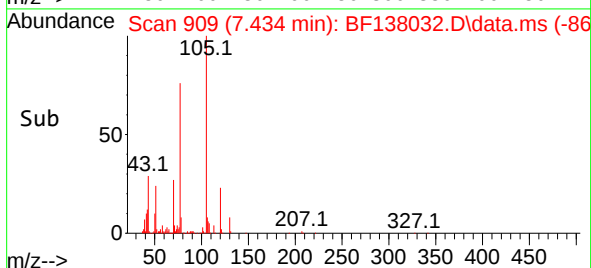
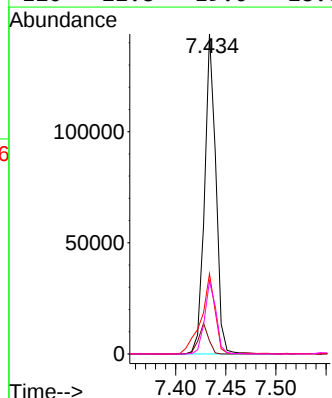
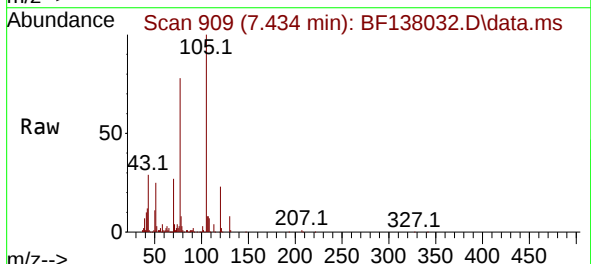
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

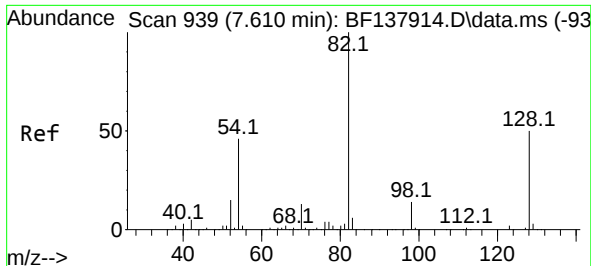
Tgt Ion:	136	Resp:	512005
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	6.9	5.4	8.2
68	6.0	4.6	7.0



#22
Acetophenone
Concen: 9.869 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:	105	Resp:	113194
Ion	Ratio	Lower	Upper
105	100		
71	4.1	5.7	8.5#
51	25.0	17.8	26.8
120	22.8	19.0	28.6

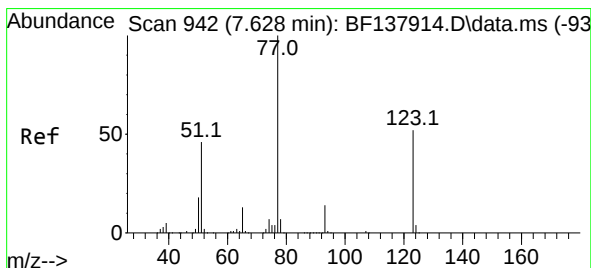
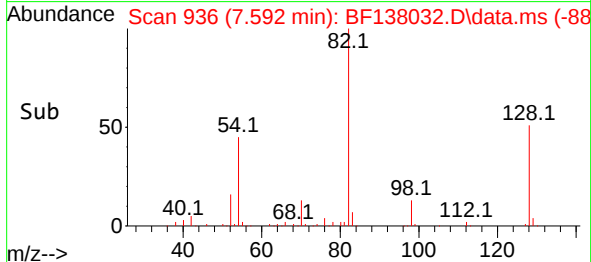
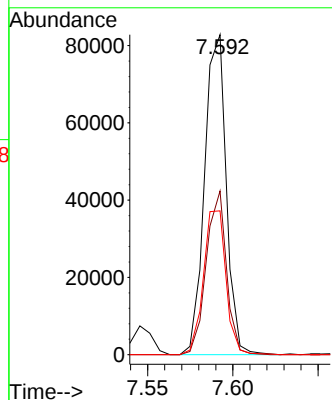
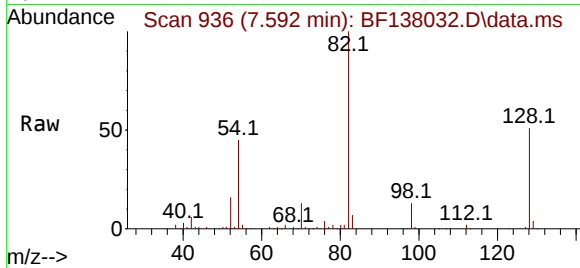




#23
Nitrobenzene-d5
Concen: 8.430 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

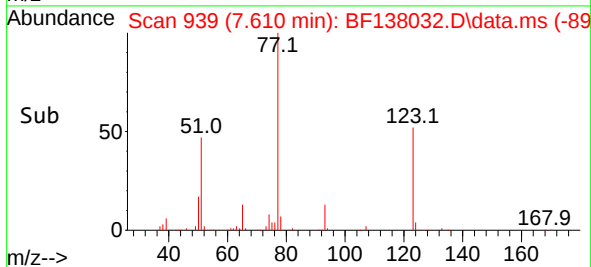
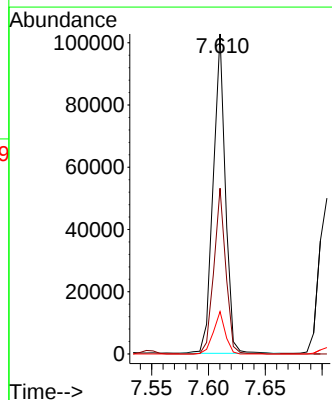
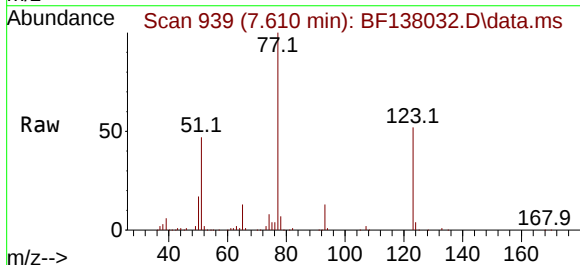
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

Tgt Ion: 82 Resp: 73342
Ion Ratio Lower Upper
82 100
128 51.2 40.3 60.5
54 44.9 36.8 55.2



#24
Nitrobenzene
Concen: 8.636 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.018 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion: 77 Resp: 76221
Ion Ratio Lower Upper
77 100
123 51.8 41.4 62.2
65 13.2 10.5 15.7

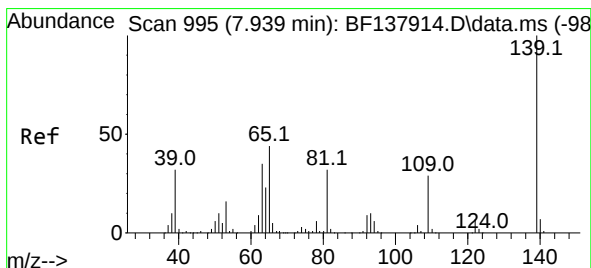
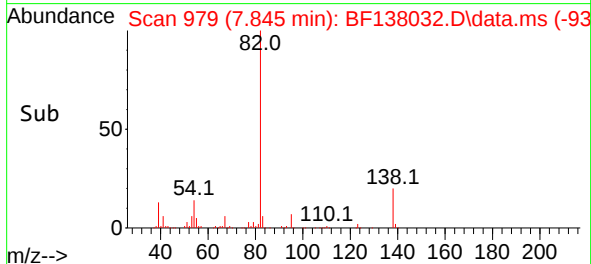
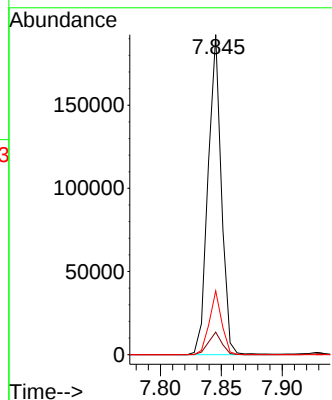
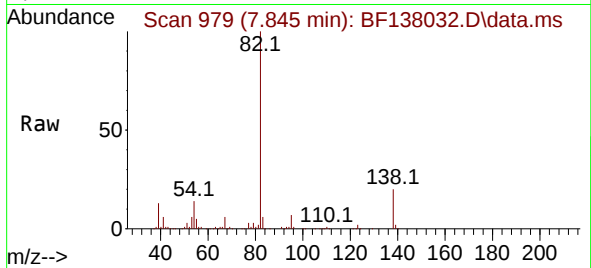




#25
Isophorone
Concen: 9.667 ng
RT: 7.845 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

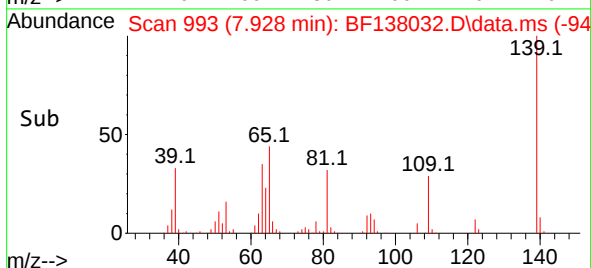
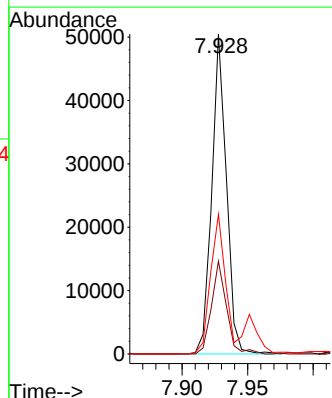
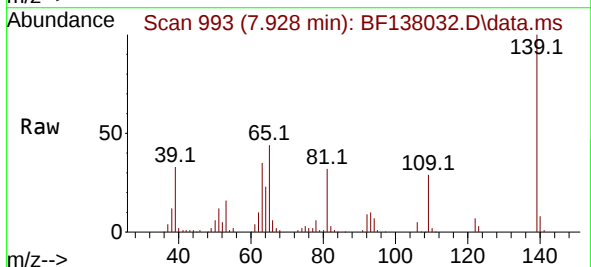
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

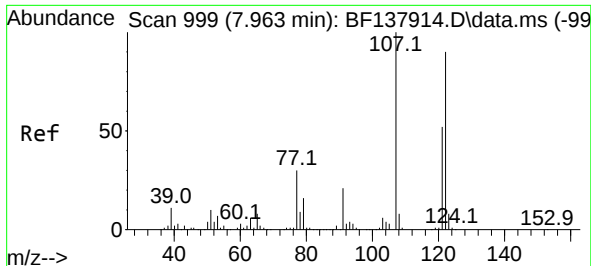
Tgt Ion: 82 Resp: 145968
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 19.9 15.0 22.4



#26
2-Nitrophenol
Concen: 8.839 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:139 Resp: 39200
Ion Ratio Lower Upper
139 100
109 29.0 22.8 34.2
65 43.6 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 9.777 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

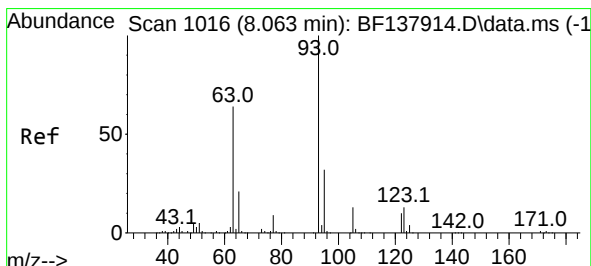
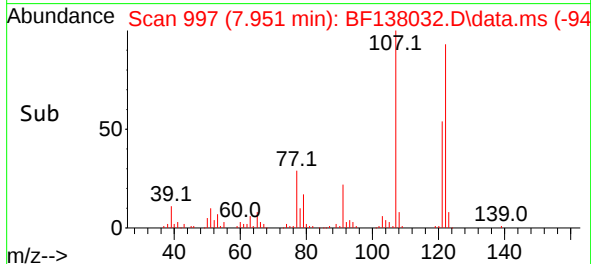
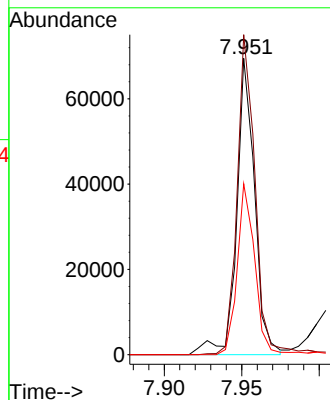
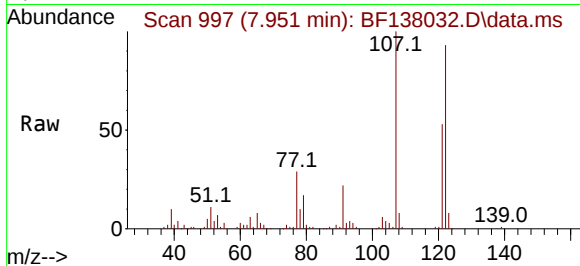
Tgt Ion:122 Resp: 55822

Ion Ratio Lower Upper

122 100

107 108.0 89.0 133.4

121 57.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 9.844 ng

RT: 8.051 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

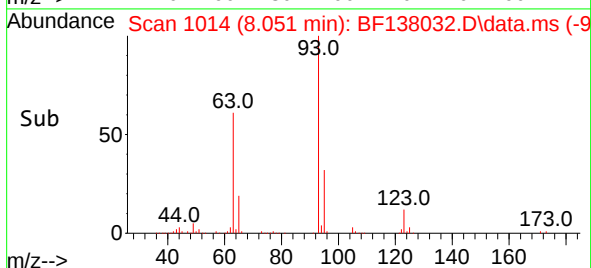
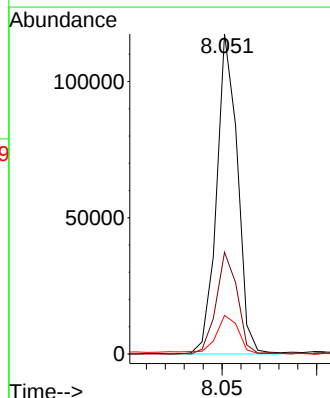
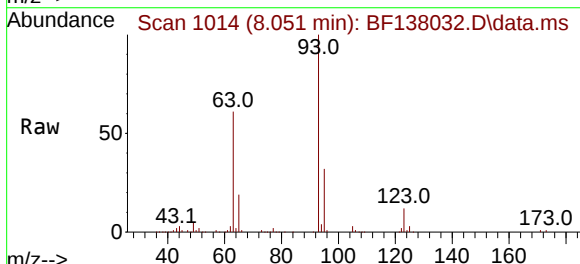
Tgt Ion: 93 Resp: 90090

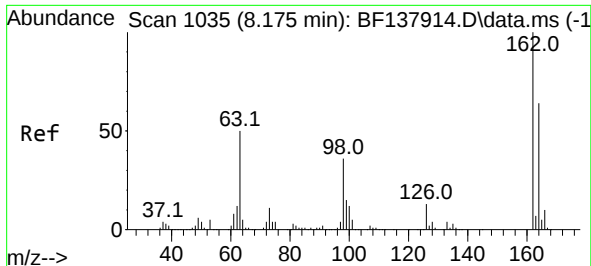
Ion Ratio Lower Upper

93 100

95 31.8 25.9 38.9

123 12.1 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 9.075 ng

RT: 8.163 min Scan# 1049

Delta R.T. -0.012 min

Lab File: BF138032.D

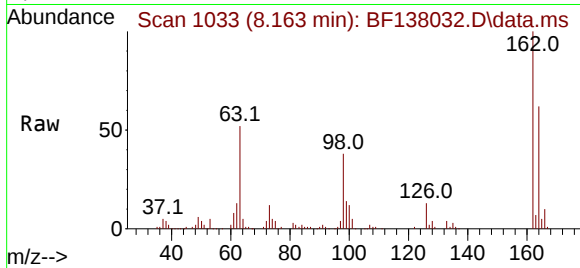
Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS



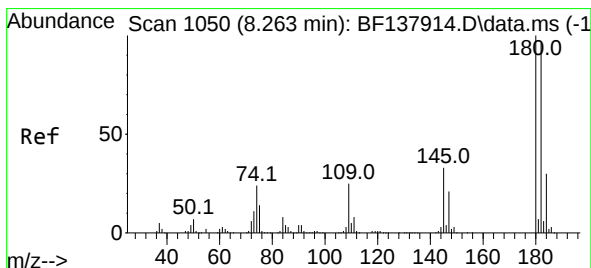
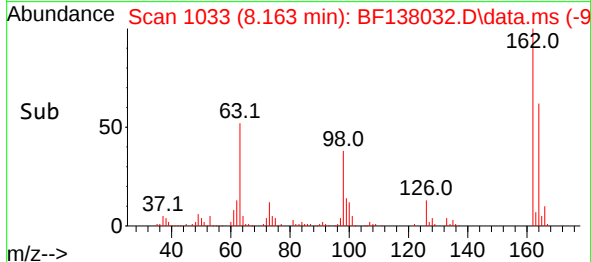
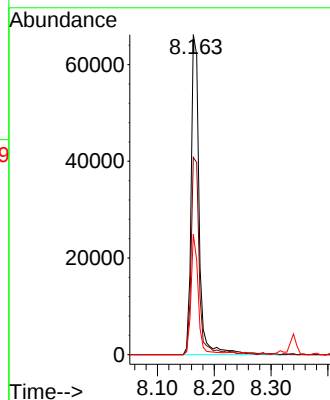
Tgt Ion:162 Resp: 65156

Ion Ratio Lower Upper

162 100

164 61.7 44.3 84.3

98 37.7 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 9.266 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

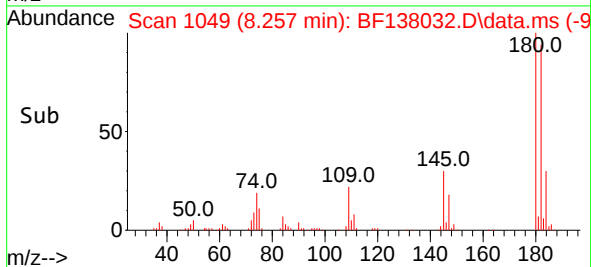
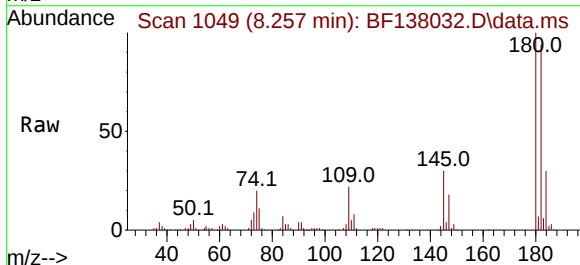
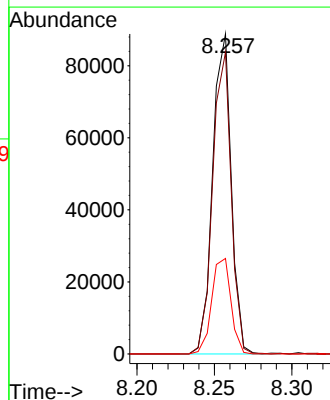
Tgt Ion:180 Resp: 74282

Ion Ratio Lower Upper

180 100

182 94.3 76.5 114.7

145 29.9 26.2 39.2

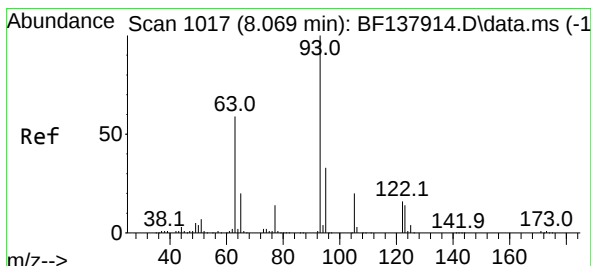
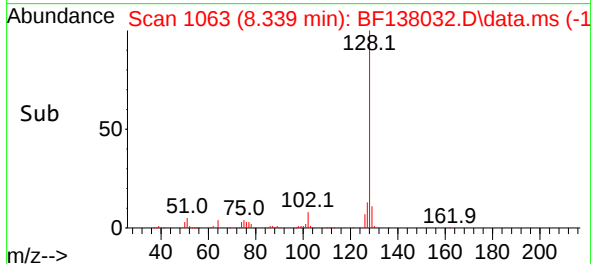
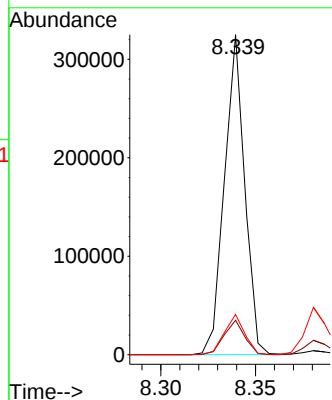
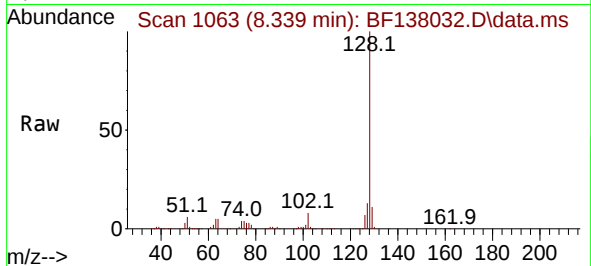




#31
Naphthalene
Concen: 9.411 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

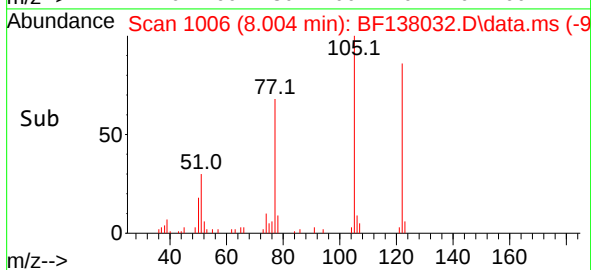
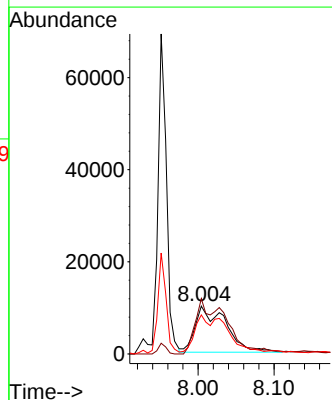
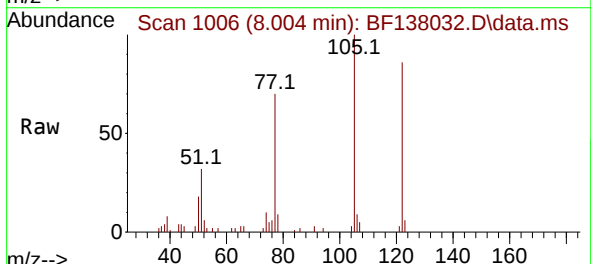
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

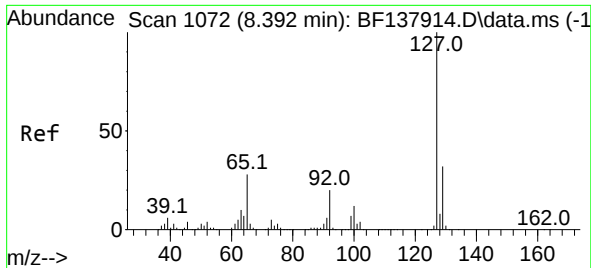
Tgt Ion:128 Resp: 242284
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 12.6 10.6 16.0



#32
Benzoic acid
Concen: 5.868 ng m
RT: 8.004 min Scan# 1006
Delta R.T. -0.065 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:122 Resp: 28321
Ion Ratio Lower Upper
122 100
105 115.8 103.8 143.8
77 81.5 68.4 108.4

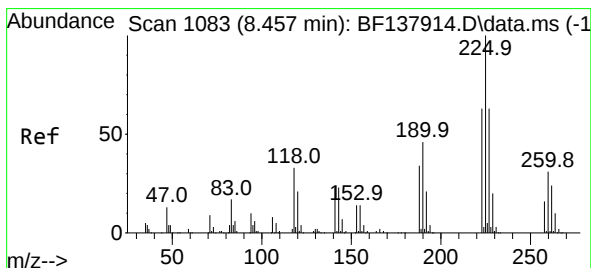
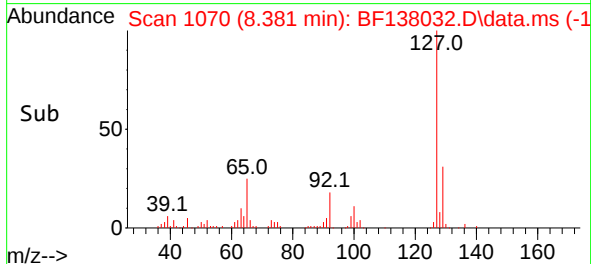
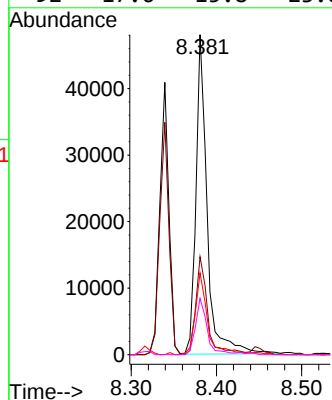
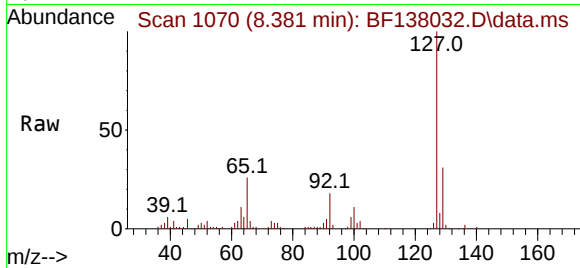




#33
4-Chloroaniline
Concen: 5.208 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

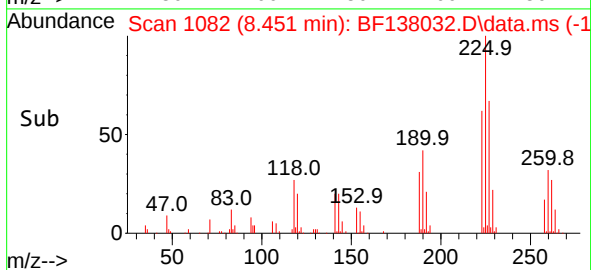
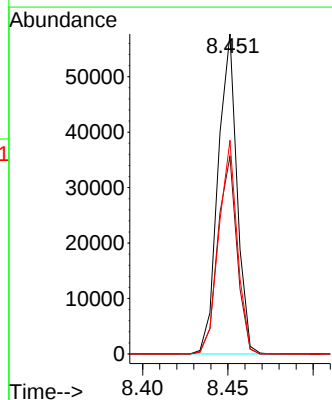
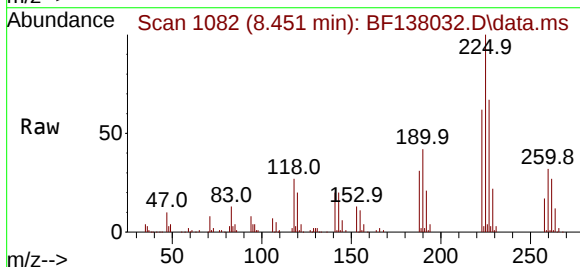
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

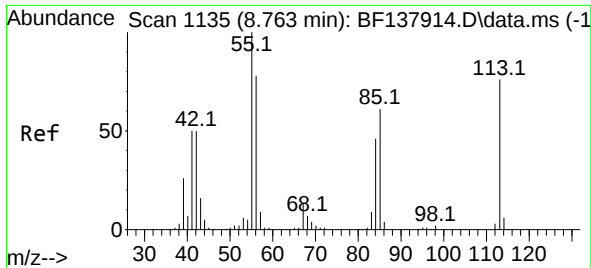
Tgt Ion:	127	Resp:	43948
Ion Ratio	Lower	Upper	
127	100		
129	30.6	25.4	38.2
65	25.6	22.0	33.0
92	17.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 8.773 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:	225	Resp:	44517
Ion Ratio	Lower	Upper	
225	100		
223	61.7	50.0	75.0
227	66.8	50.2	75.4

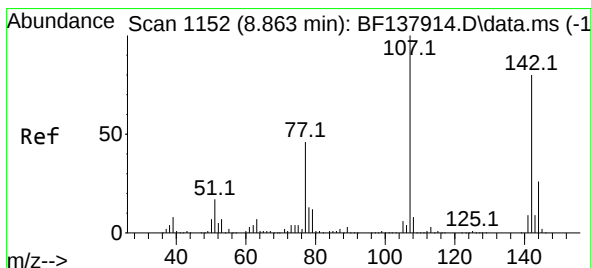
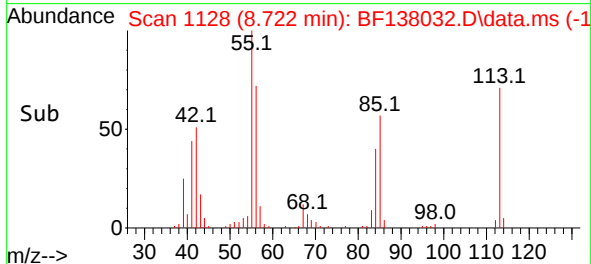
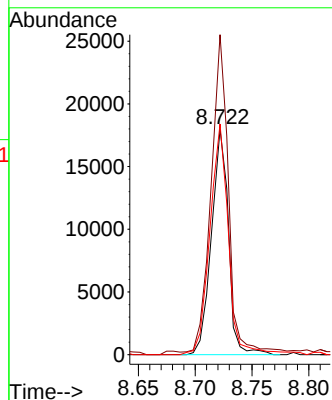
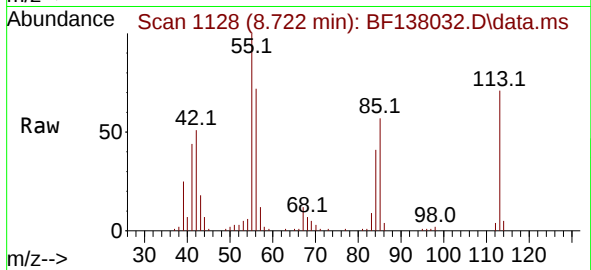




#35
Caprolactam
Concen: 8.975 ng
RT: 8.722 min Scan# 1135
Delta R.T. -0.041 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

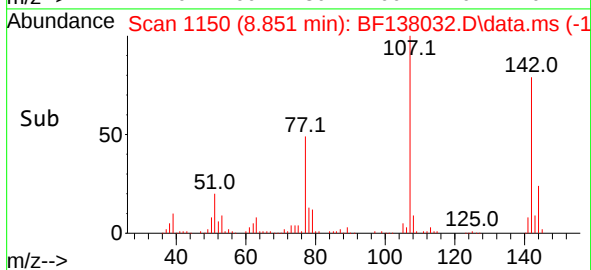
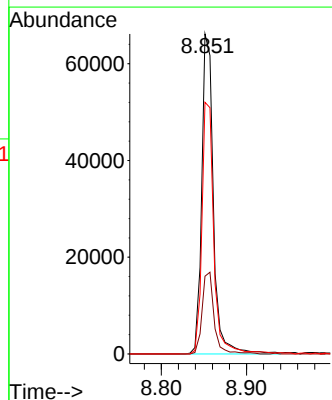
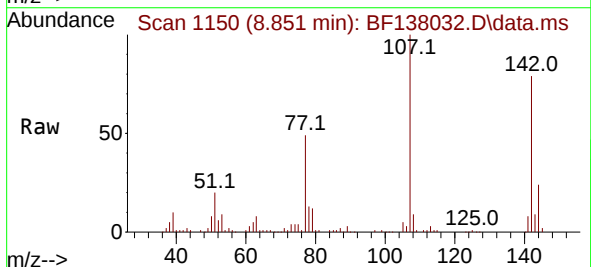
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

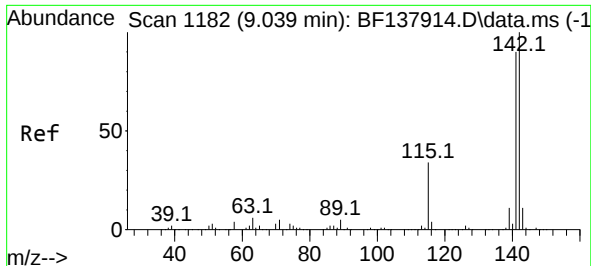
Tgt Ion:113 Resp: 18669
Ion Ratio Lower Upper
113 100
55 141.8 112.3 152.3
56 102.3 82.7 122.7



#36
4-Chloro-3-methylphenol
Concen: 8.633 ng
RT: 8.851 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:107 Resp: 63053
Ion Ratio Lower Upper
107 100
144 24.3 20.7 31.1
142 78.6 64.0 96.0





#37

2-Methylnaphthalene

Concen: 9.305 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

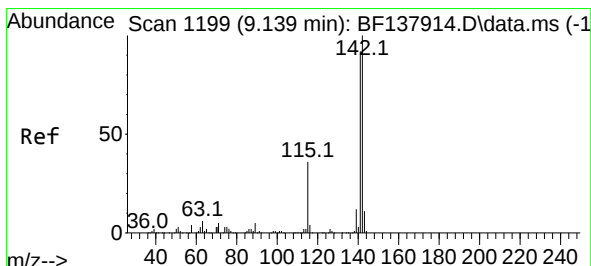
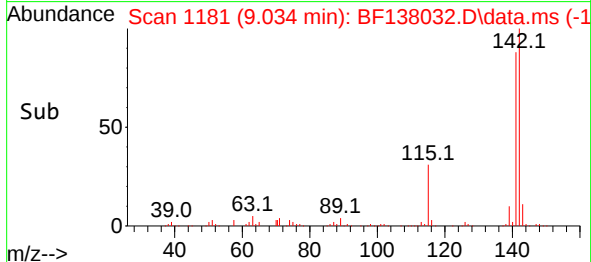
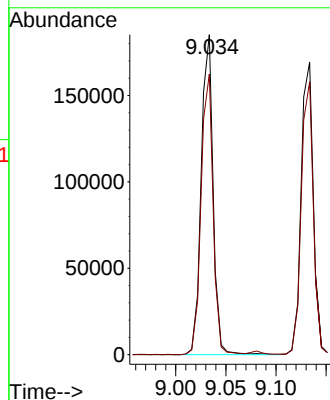
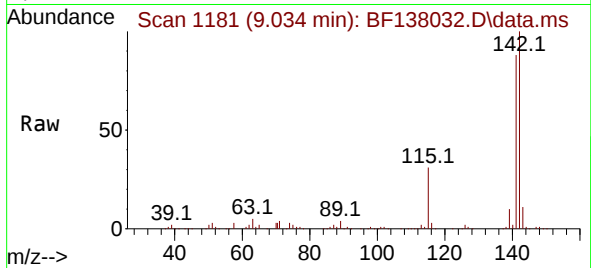
OR-02-052224MS

Tgt Ion:142 Resp: 153984

Ion Ratio Lower Upper

142 100

141 87.7 72.0 108.0



#38

1-Methylnaphthalene

Concen: 8.750 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF138032.D

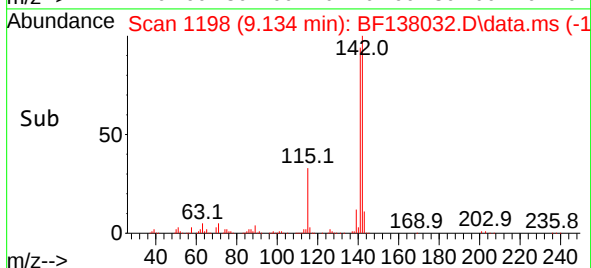
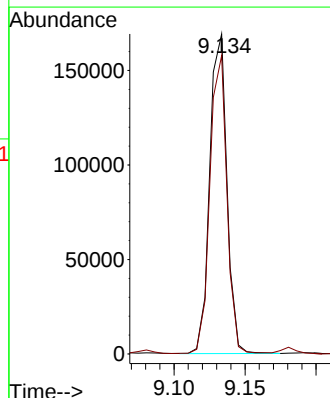
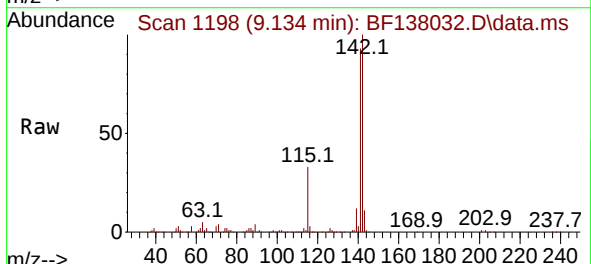
Acq: 23 May 2024 17:31

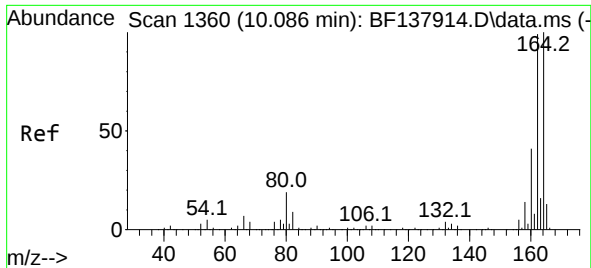
Tgt Ion:142 Resp: 142354

Ion Ratio Lower Upper

142 100

141 93.3 73.7 110.5

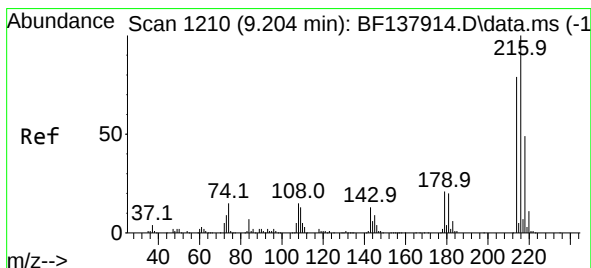
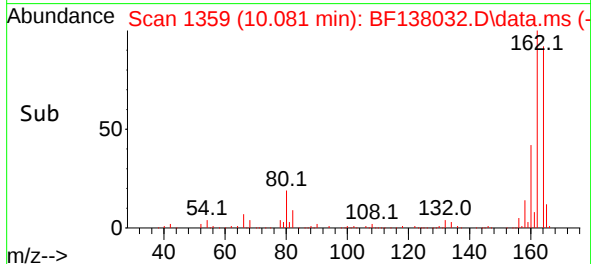
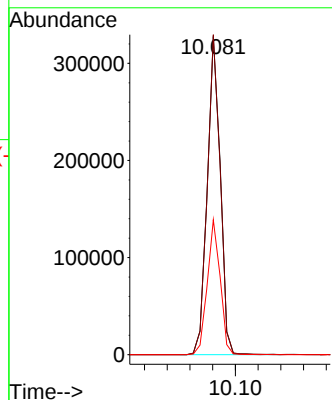
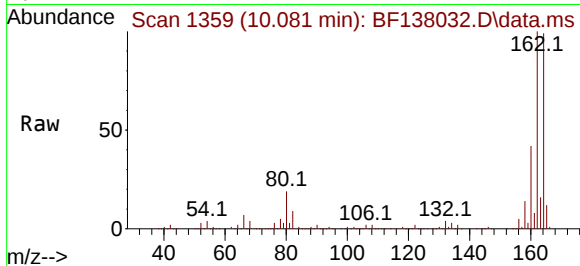




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

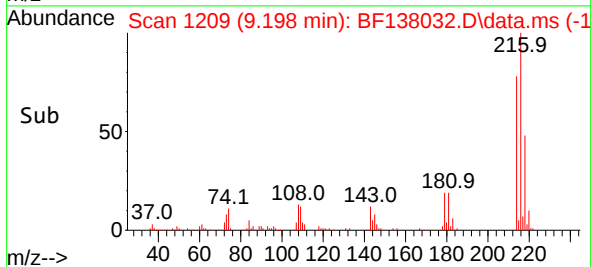
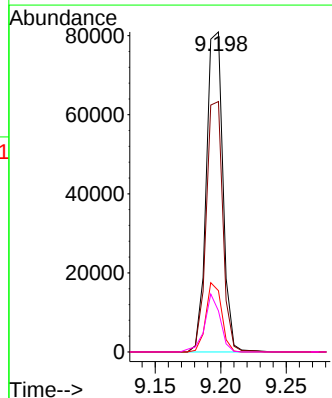
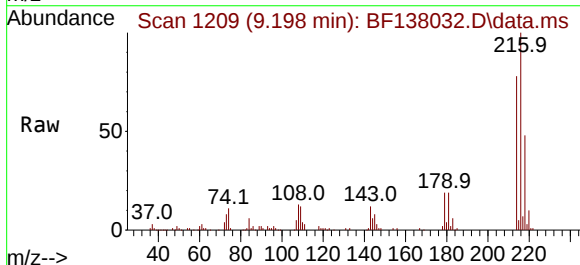
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

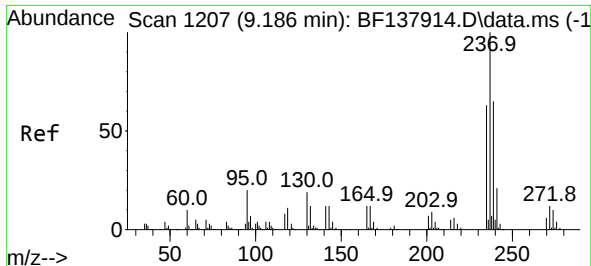
Tgt Ion:164 Resp: 259694
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.2
160 42.4 33.1 49.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.098 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:216 Resp: 71294
Ion Ratio Lower Upper
216 100
214 78.2 63.4 95.2
179 20.5 17.0 25.4
108 16.9 14.2 21.4

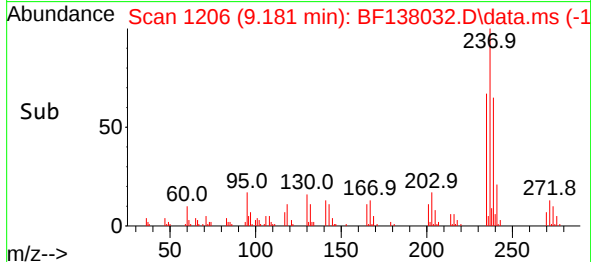
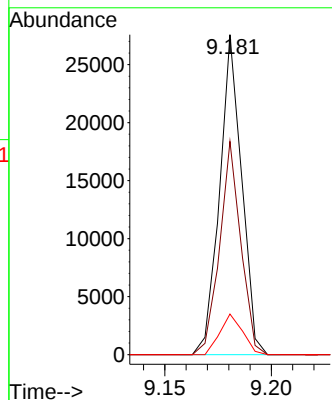
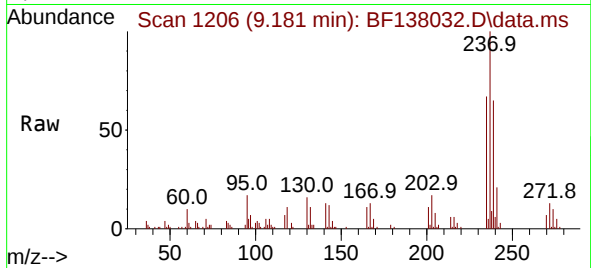




#41
Hexachlorocyclopentadiene
Concen: 7.394 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

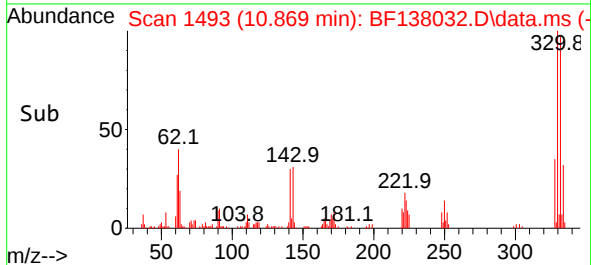
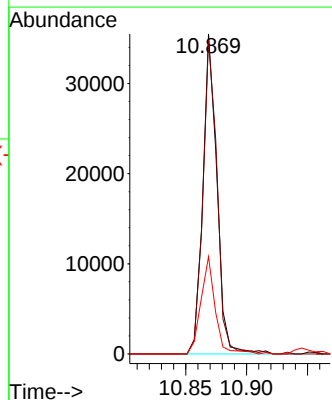
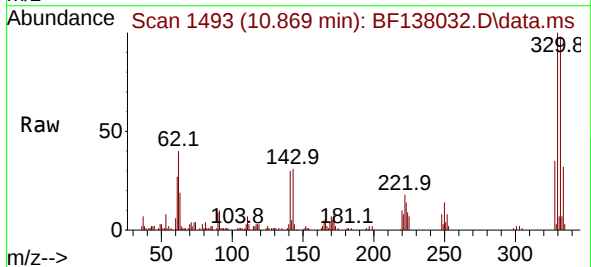
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

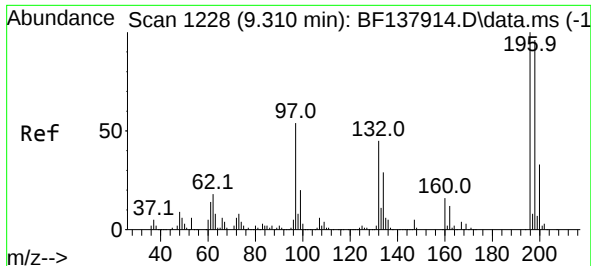
Tgt Ion:237	Resp:	19836
Ion Ratio	Lower	Upper
237	100	
235	66.6	42.8 82.8
272	12.7	0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 10.889 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:330	Resp:	28512
Ion Ratio	Lower	Upper
330	100	
332	99.2	75.8 113.8
141	31.2	23.8 35.6

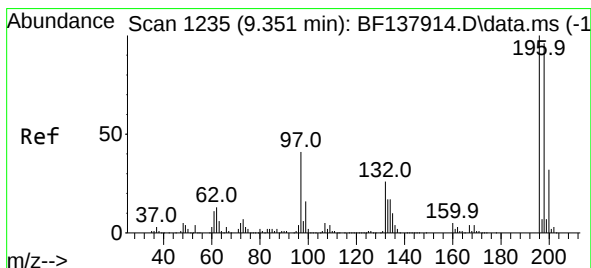
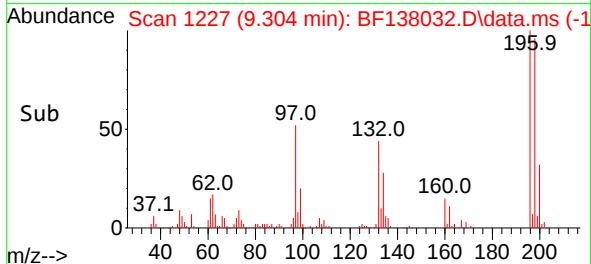
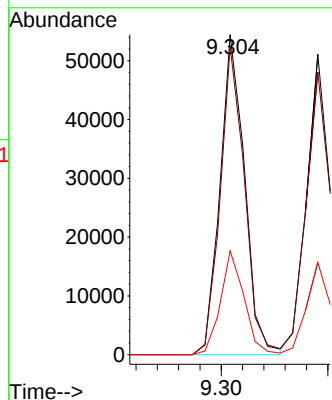
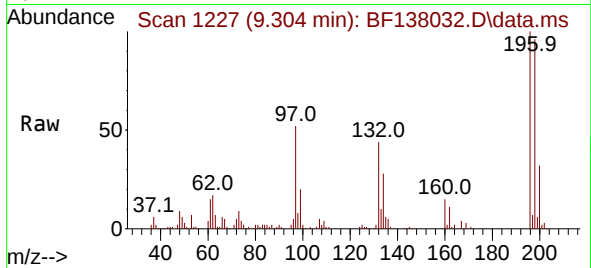




#43
2,4,6-Trichlorophenol
Concen: 9.409 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

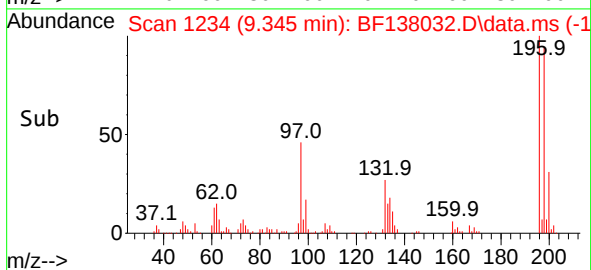
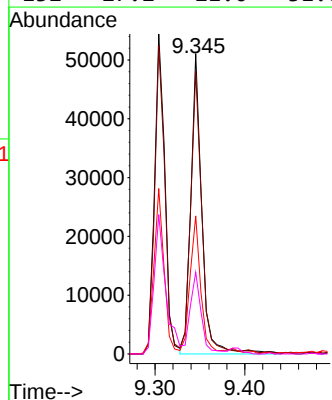
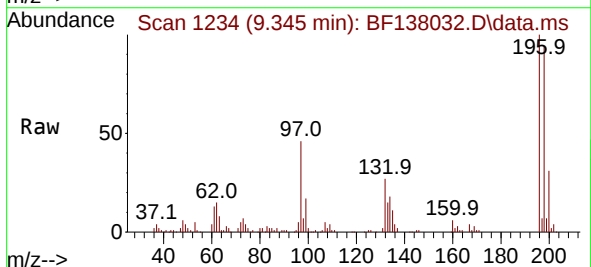
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

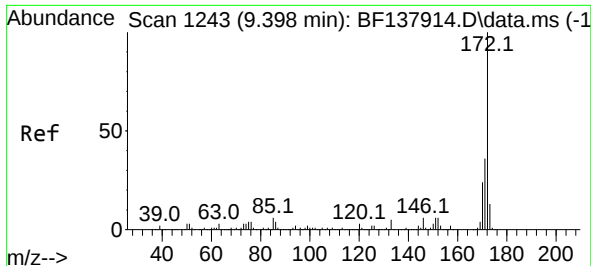
Tgt Ion:196 Resp: 43556
Ion Ratio Lower Upper
196 100
198 96.4 77.0 115.4
200 32.5 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 8.670 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:196 Resp: 43912
Ion Ratio Lower Upper
196 100
198 94.1 77.4 116.0
97 46.0 32.9 49.3
132 27.2 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 10.075 ng

RT: 9.392 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

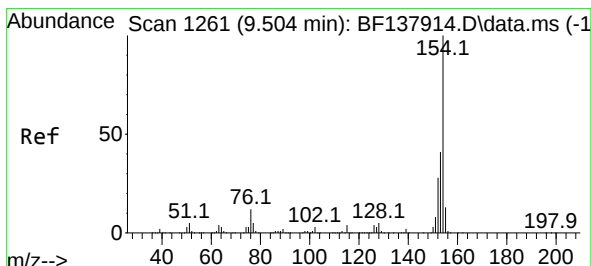
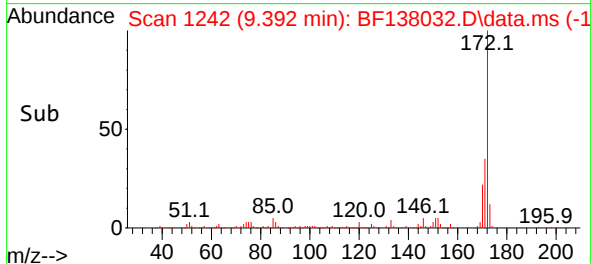
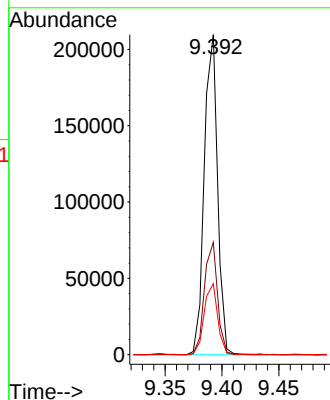
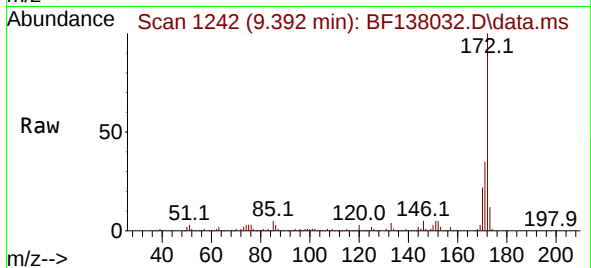
Tgt Ion:172 Resp: 169859

Ion Ratio Lower Upper

172 100

171 35.1 28.9 43.3

170 22.1 18.9 28.3



#46

1,1'-Biphenyl

Concen: 10.217 ng

RT: 9.492 min Scan# 1259

Delta R.T. -0.012 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

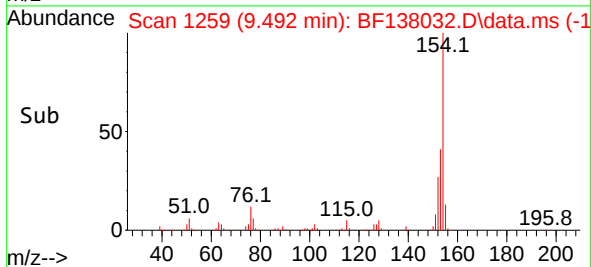
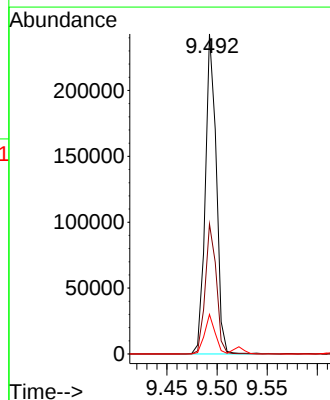
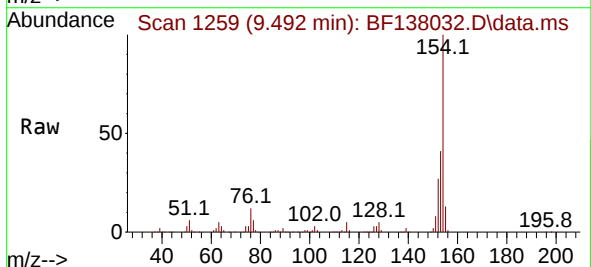
Tgt Ion:154 Resp: 186095

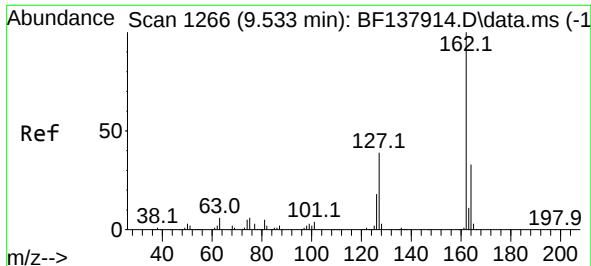
Ion Ratio Lower Upper

154 100

153 40.6 21.3 61.3

76 12.3 0.0 31.9

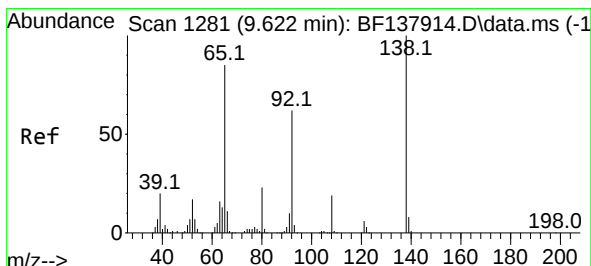
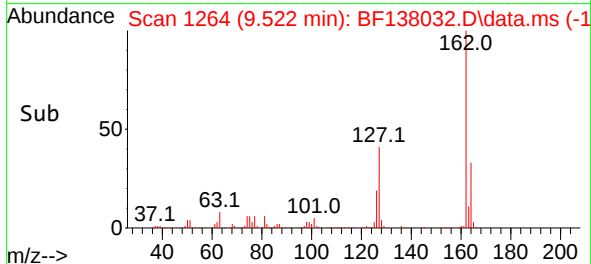
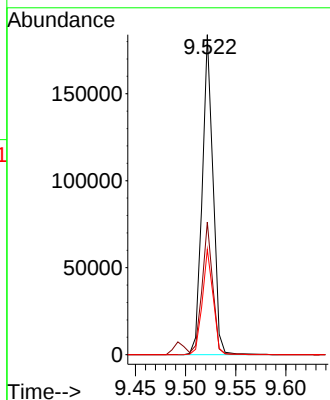
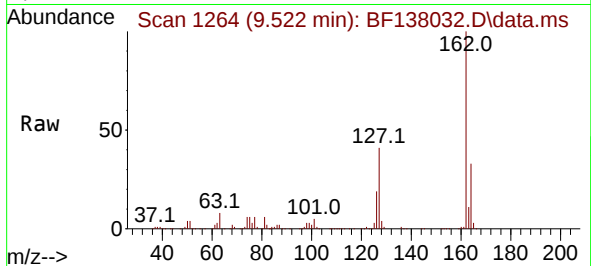




#47
2-Chloronaphthalene
Concen: 9.545 ng
RT: 9.522 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

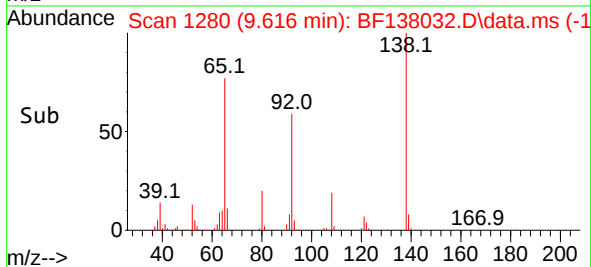
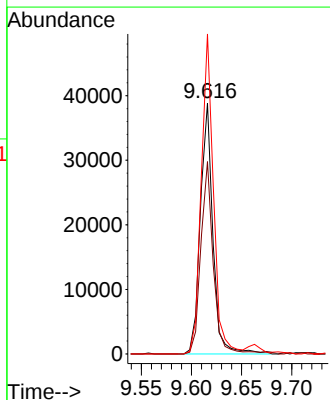
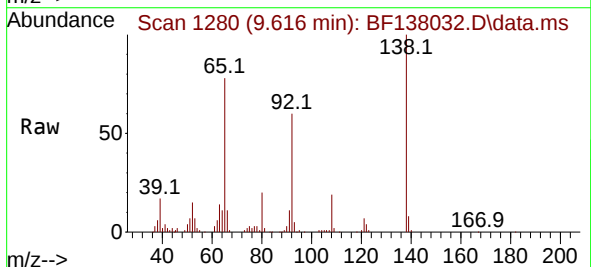
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

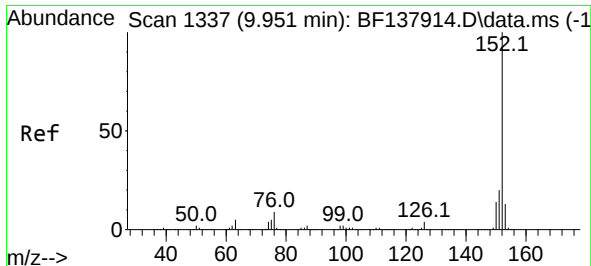
Tgt Ion:162 Resp: 138779
Ion Ratio Lower Upper
162 100
127 41.5 32.0 48.0
164 32.9 26.2 39.4



#48
2-Nitroaniline
Concen: 9.187 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion: 65 Resp: 34208
Ion Ratio Lower Upper
65 100
92 76.7 58.6 88.0
138 127.5 94.1 141.1

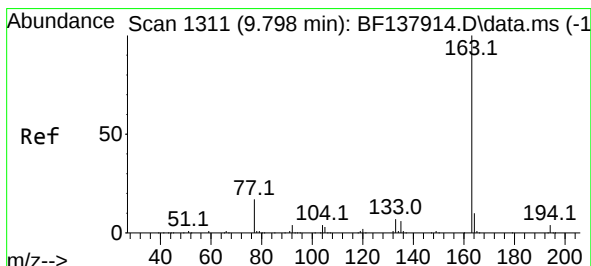
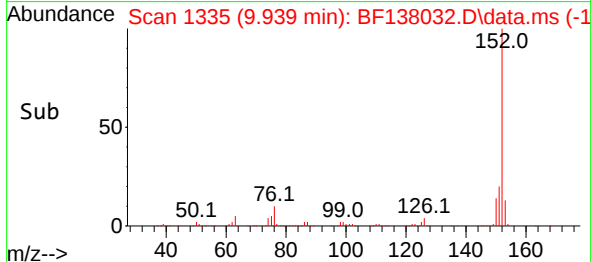
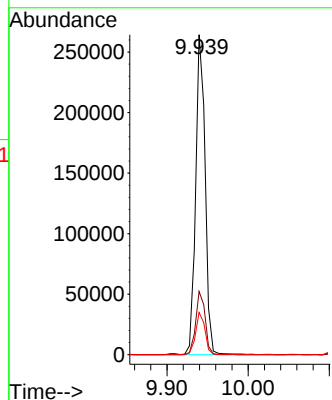
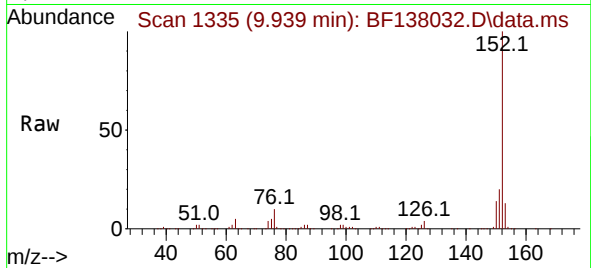




#49
Acenaphthylene
Concen: 10.325 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

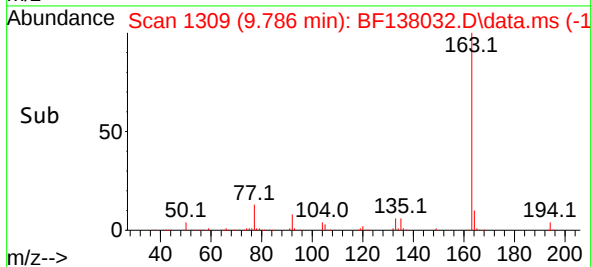
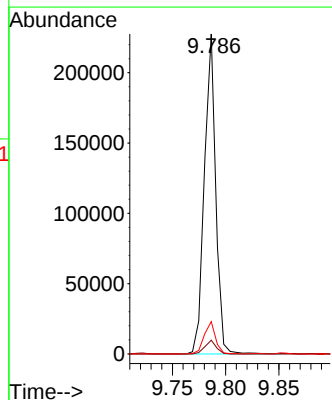
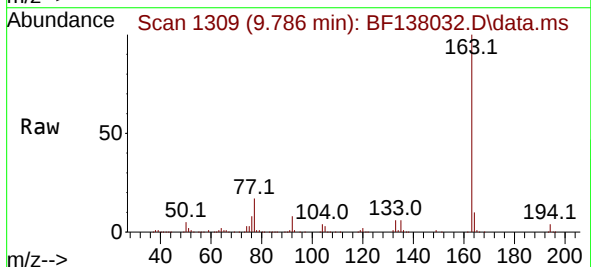
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

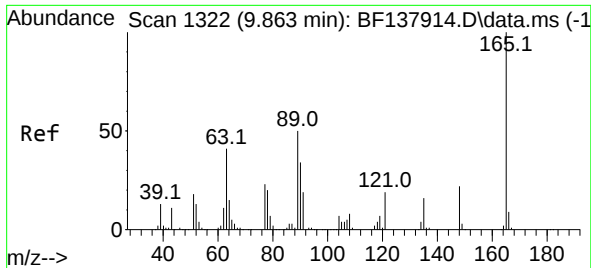
Tgt Ion:152 Resp: 215866
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.8
153 13.2 10.2 15.4



#50
Dimethylphthalate
Concen: 10.437 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:163 Resp: 169968
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.1 8.0 12.0

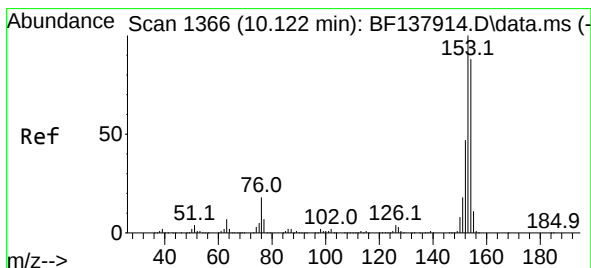
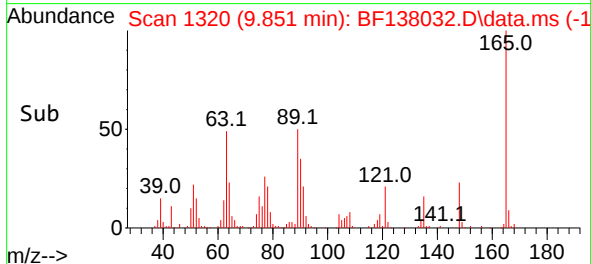
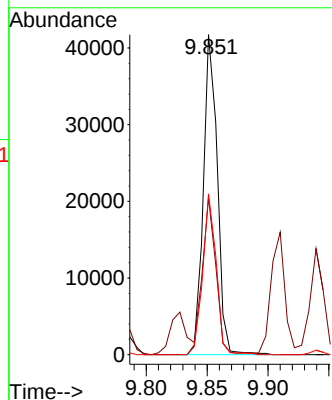
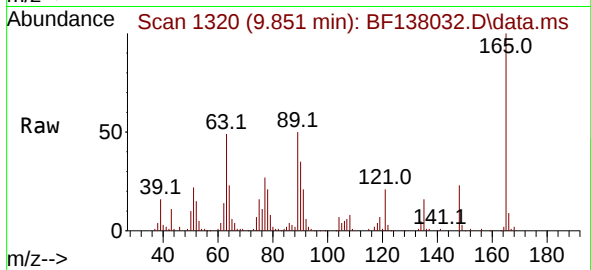




#51
2,6-Dinitrotoluene
Concen: 8.932 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

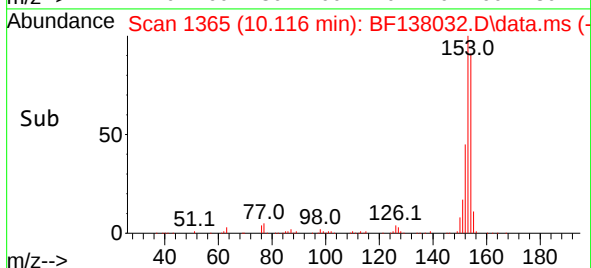
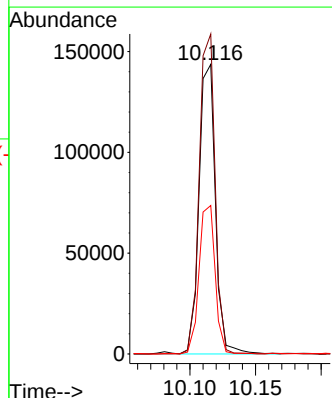
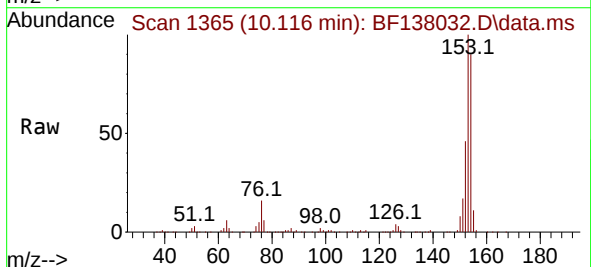
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

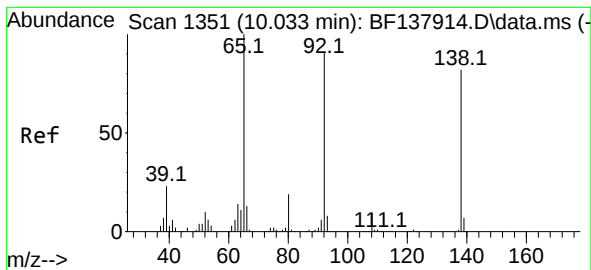
Tgt Ion:165 Resp: 33385
Ion Ratio Lower Upper
165 100
63 49.0 38.9 58.3
89 50.2 40.4 60.6



#52
Acenaphthene
Concen: 9.082 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:154 Resp: 125496
Ion Ratio Lower Upper
154 100
153 110.5 90.4 135.6
152 51.3 42.3 63.5

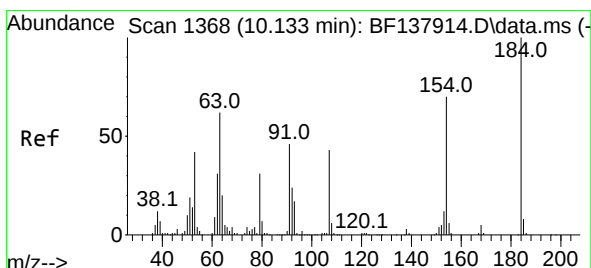
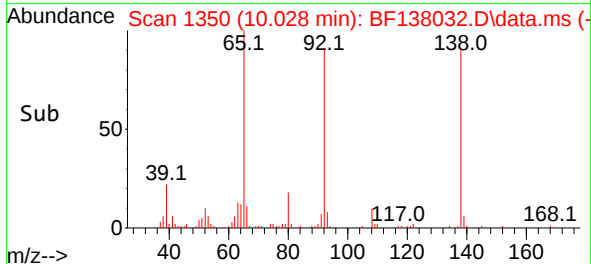
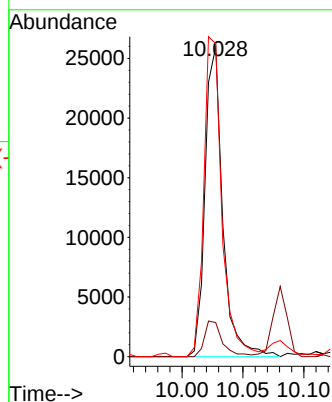
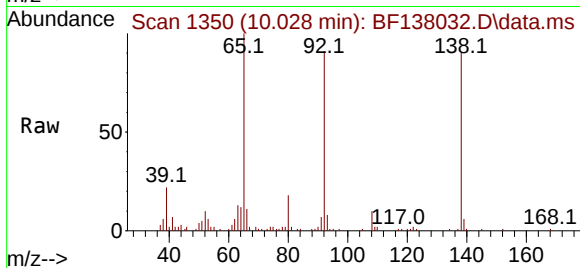




#53
3-Nitroaniline
Concen: 7.200 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

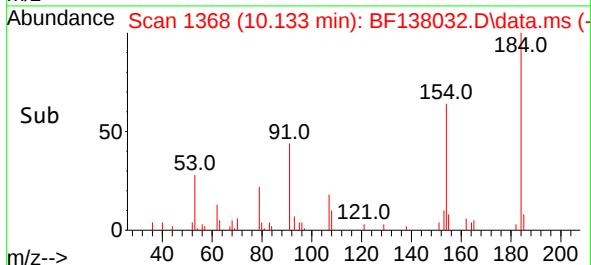
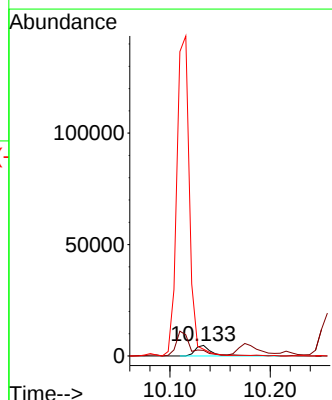
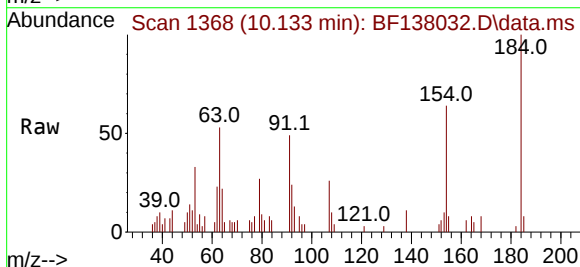
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

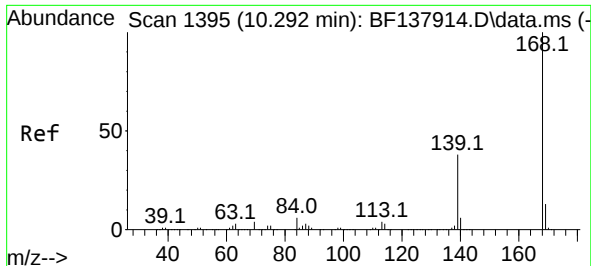
Tgt Ion:138 Resp: 26307
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 100.9 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 9.503 ng
RT: 10.133 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:184 Resp: 5609
Ion Ratio Lower Upper
184 100
63 52.9 50.4 75.6
154 64.4 63.7 95.5

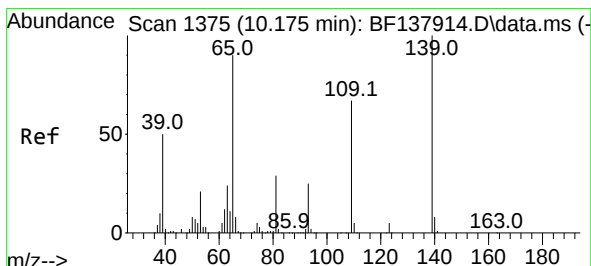
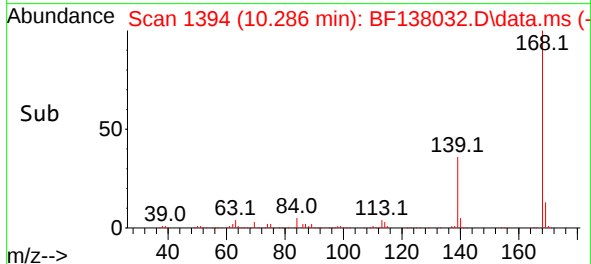
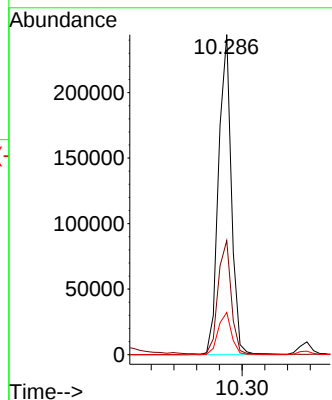
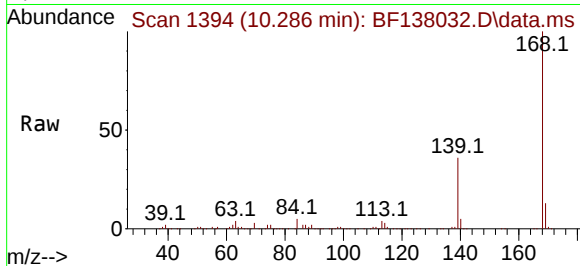




#55
Dibenzenofuran
Concen: 9.496 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

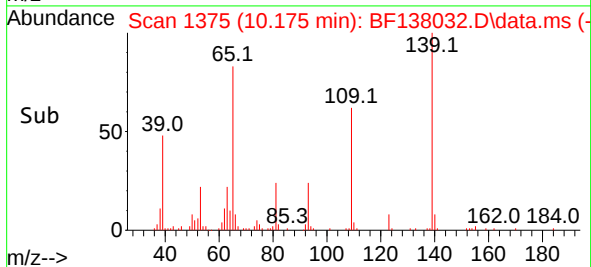
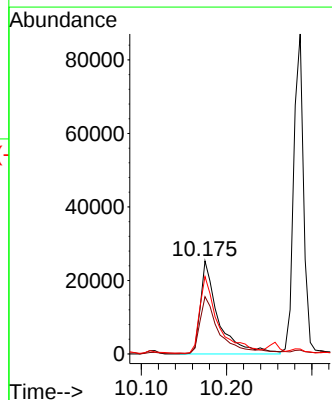
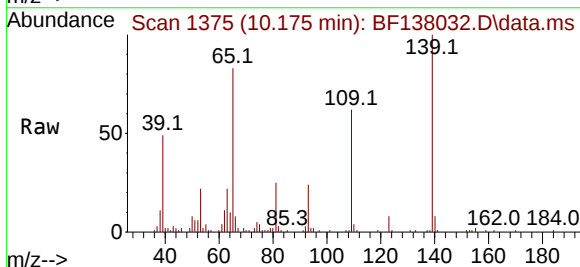
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

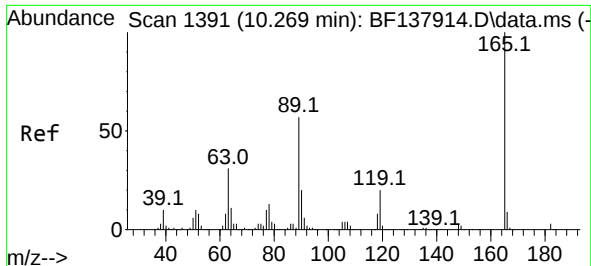
Tgt Ion:168 Resp: 190974
Ion Ratio Lower Upper
168 100
139 35.7 30.4 45.6
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 14.138 ng
RT: 10.175 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:139 Resp: 37104
Ion Ratio Lower Upper
139 100
109 61.6 46.5 86.5
65 83.3 70.4 110.4

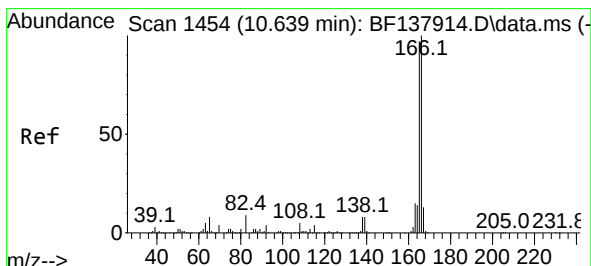
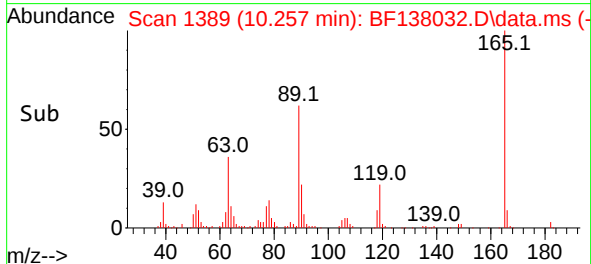
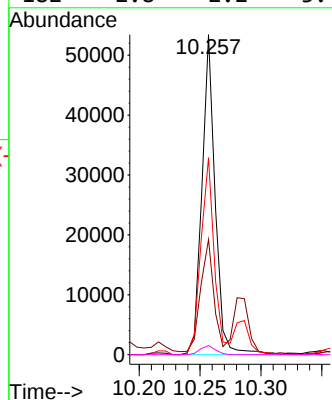
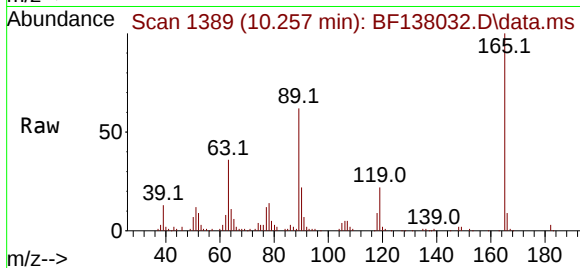




#57
2,4-Dinitrotoluene
Concen: 8.379 ng
RT: 10.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

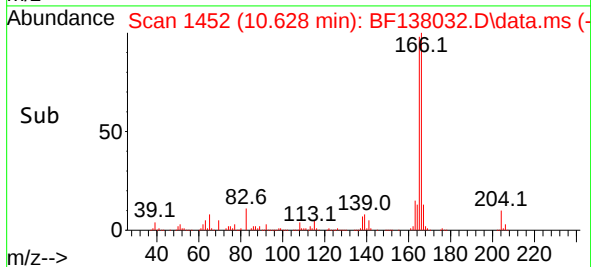
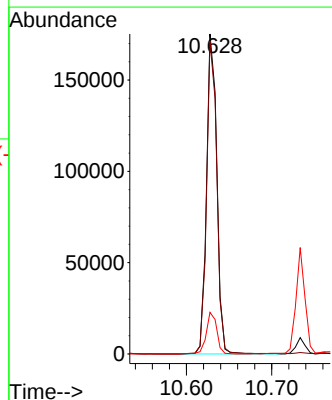
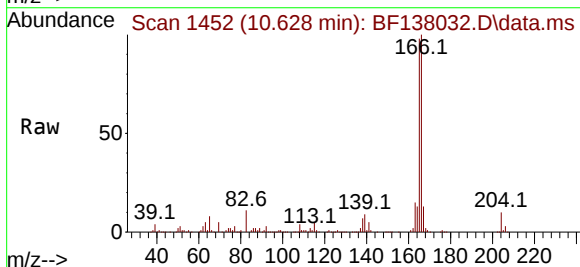
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

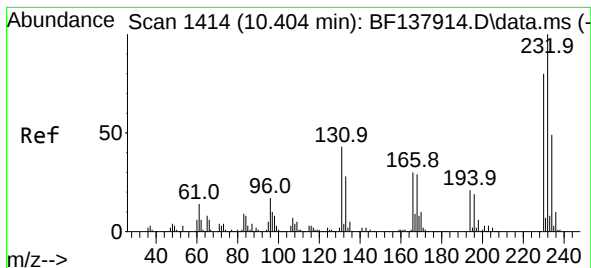
Tgt Ion:	165	Resp:	40484
Ion	Ratio	Lower	Upper
165	100		
63	36.0	25.3	37.9
89	61.5	45.9	68.9
182	2.8	2.2	3.4



#58
Fluorene
Concen: 9.222 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:	166	Resp:	146683
Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.8
167	13.0	10.4	15.6

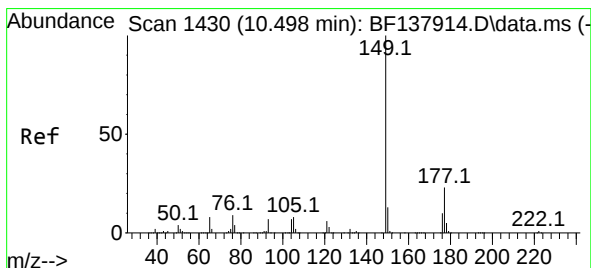
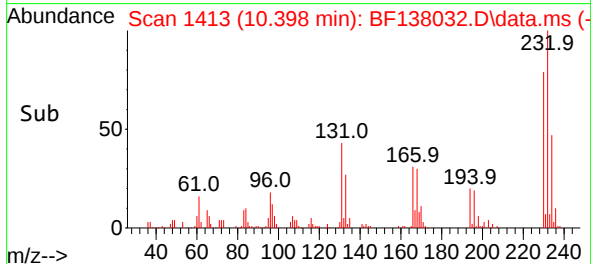
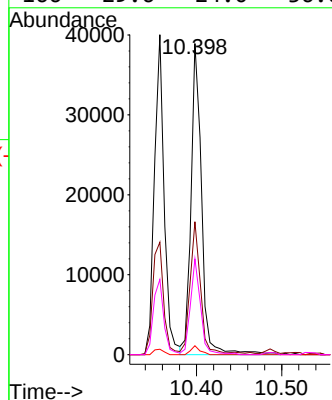
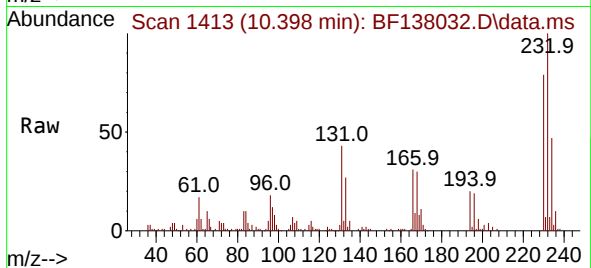




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.419 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

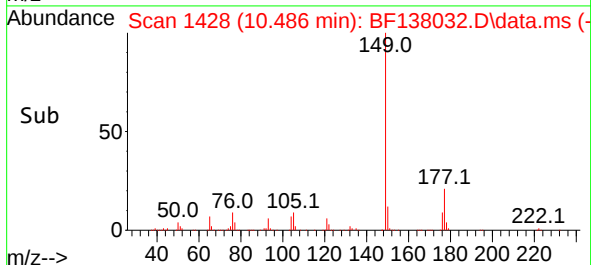
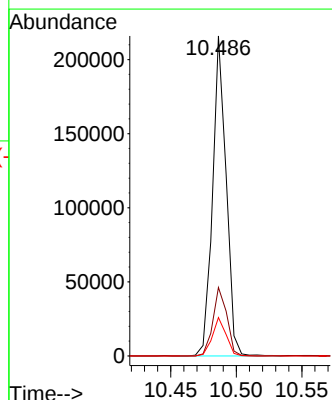
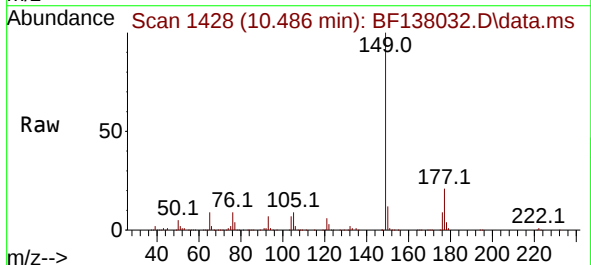
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

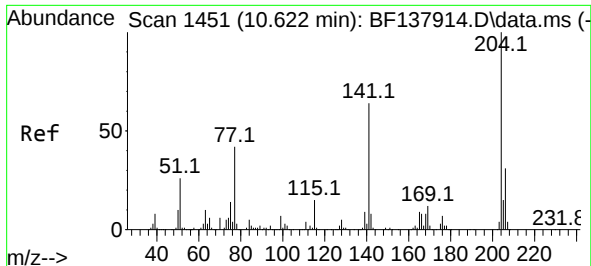
Tgt Ion:232 Resp: 33499
Ion Ratio Lower Upper
232 100
131 40.3 34.4 51.6
130 2.5 1.7 2.5
166 29.6 24.0 36.0



#60
Diethylphthalate
Concen: 10.215 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:149 Resp: 155363
Ion Ratio Lower Upper
149 100
177 21.4 18.4 27.6
150 12.0 10.1 15.1

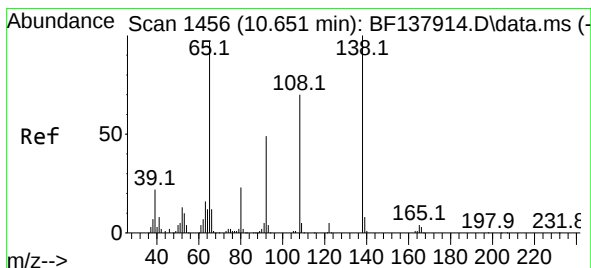
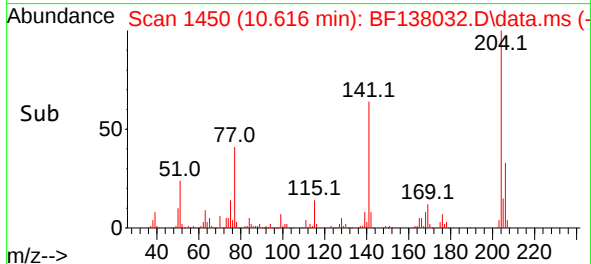
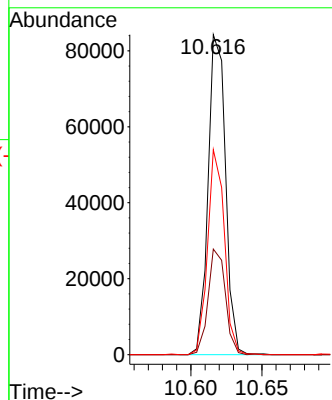
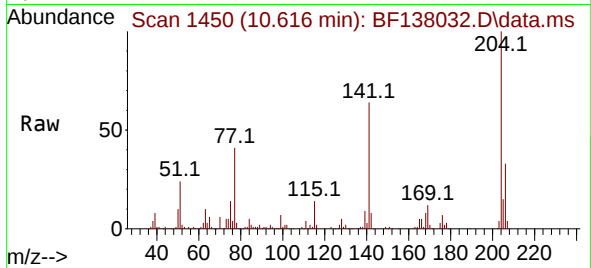




#61
4-Chlorophenyl-phenylether
Concen: 9.210 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

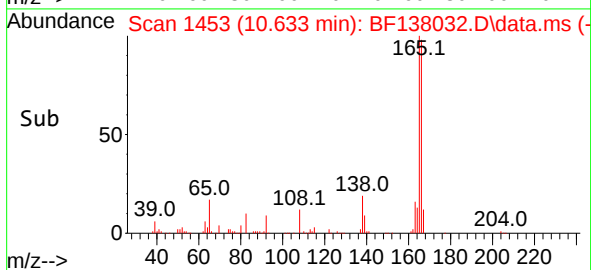
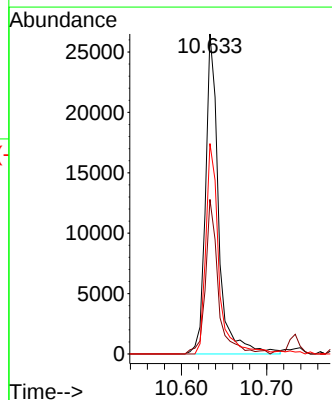
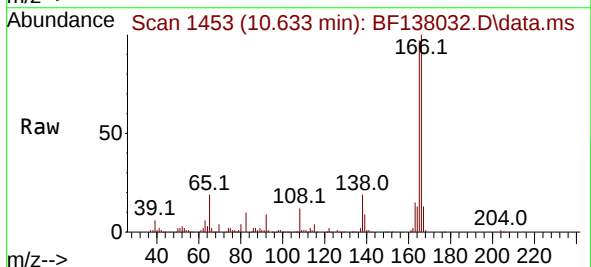
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

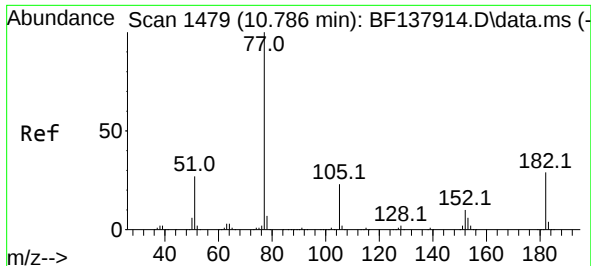
Tgt Ion:204 Resp: 72243
Ion Ratio Lower Upper
204 100
206 33.0 25.1 37.7
141 64.0 51.0 76.6



#62
4-Nitroaniline
Concen: 8.181 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.018 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:138 Resp: 28352
Ion Ratio Lower Upper
138 100
92 48.3 29.0 69.0
108 65.8 49.7 89.7

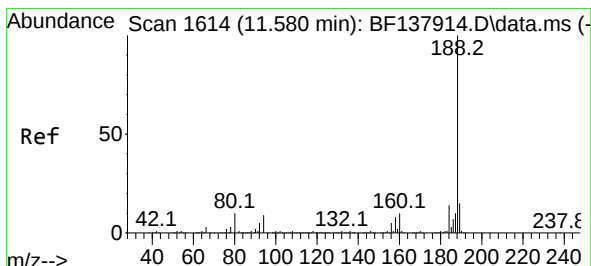
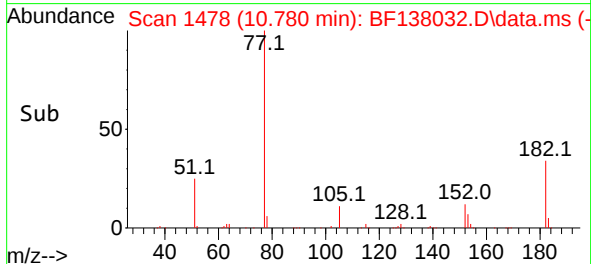
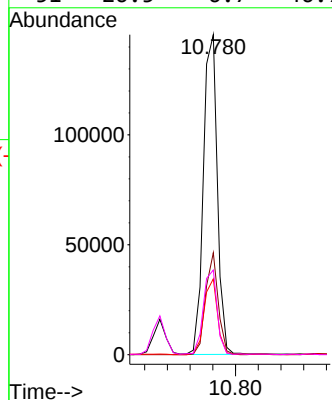
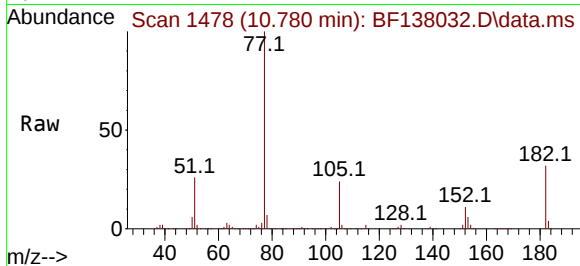




#63
Azobenzene
Concen: 8.960 ng
RT: 10.780 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

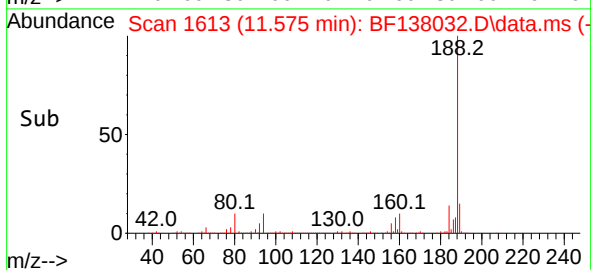
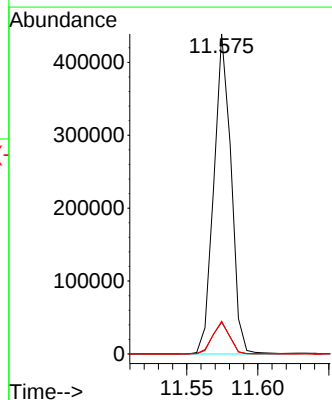
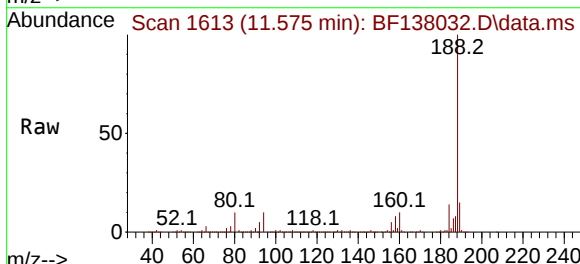
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

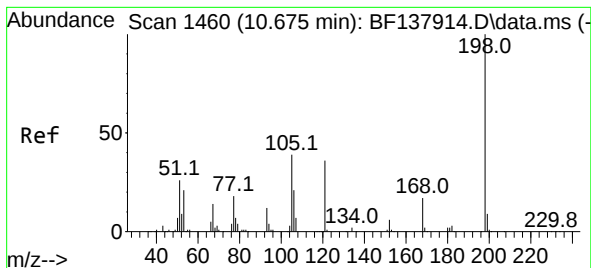
Tgt Ion: 77	Resp: 123960
Ion Ratio	Lower Upper
77 100	
182 31.8	9.2 49.2
105 23.7	3.1 43.1
51 26.5	6.7 46.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:188	Resp: 369098
Ion Ratio	Lower Upper
188 100	
94 9.9	7.0 10.4
80 10.3	7.7 11.5

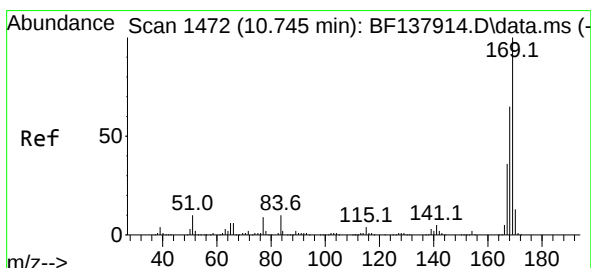
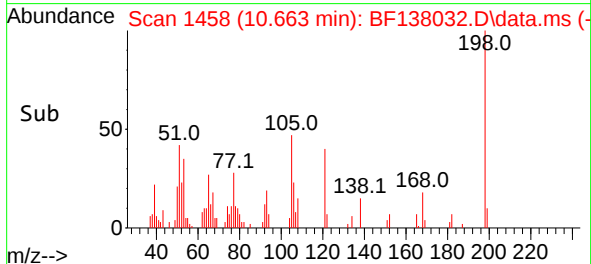
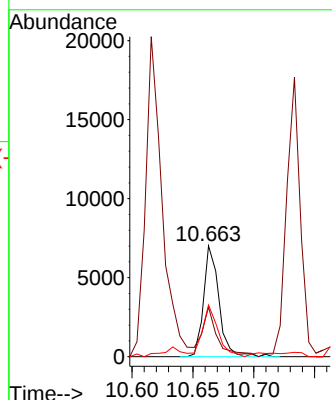
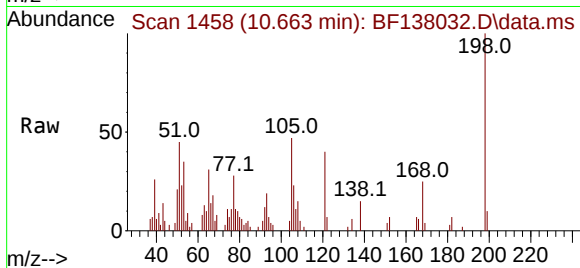




#65
4,6-Dinitro-2-methylphenol
Concen: 2.907 ng
RT: 10.663 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

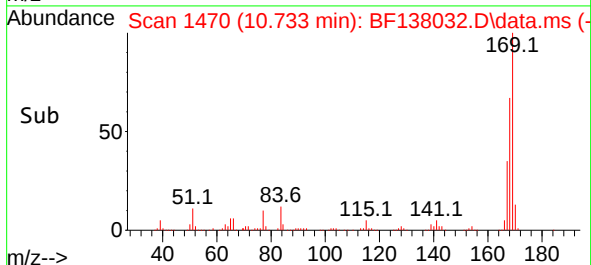
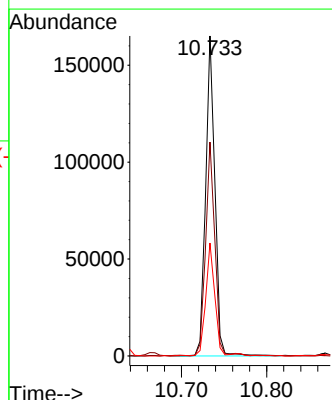
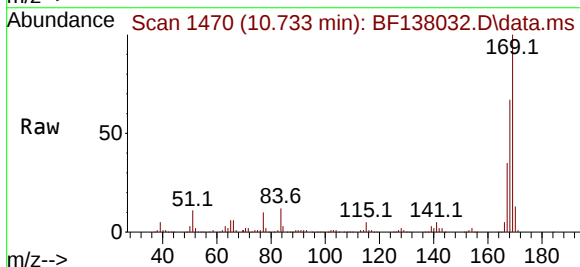
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

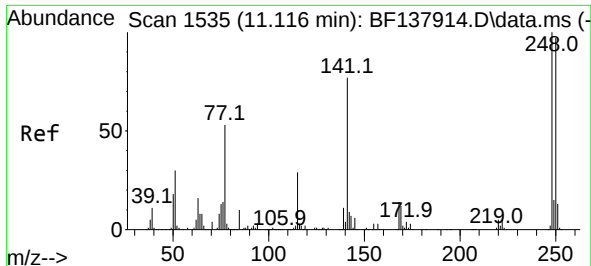
Tgt Ion:198 Resp: 6195
Ion Ratio Lower Upper
198 100
51 44.7 13.8 53.8
105 46.6 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 10.970 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.012 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:169 Resp: 124169
Ion Ratio Lower Upper
169 100
168 66.9 52.4 78.6
167 35.3 28.9 43.3

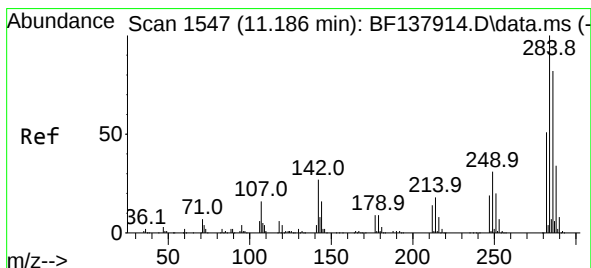
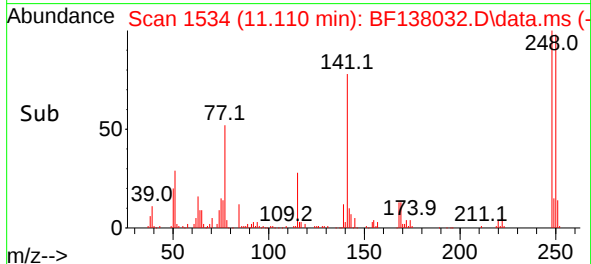
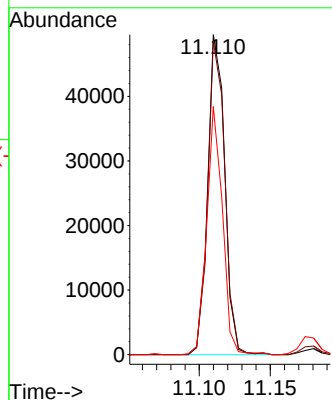
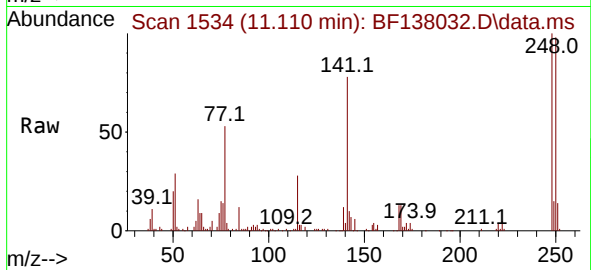




#67
4-Bromophenyl-phenylether
Concen: 10.231 ng
RT: 11.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

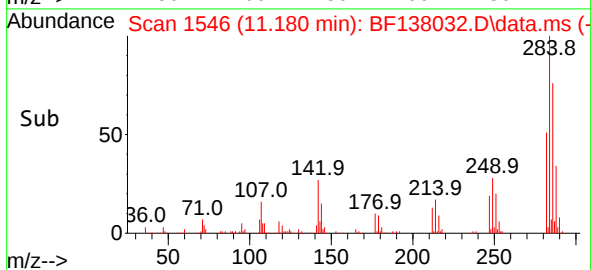
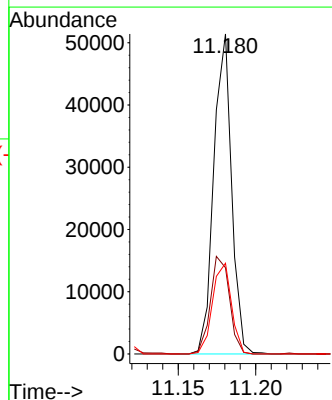
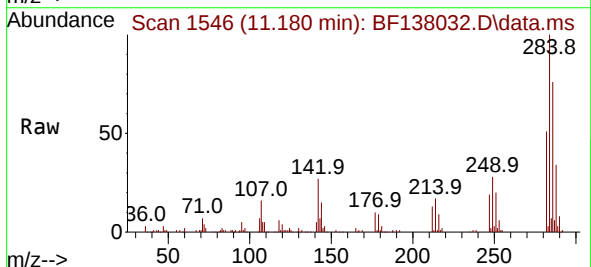
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

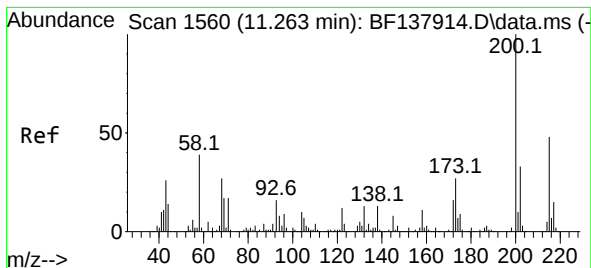
Tgt Ion:248 Resp: 41400
Ion Ratio Lower Upper
248 100
250 97.9 77.6 116.4
141 77.5 61.4 92.2



#68
Hexachlorobenzene
Concen: 9.176 ng
RT: 11.180 min Scan# 1546
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:284 Resp: 41044
Ion Ratio Lower Upper
284 100
142 26.9 21.3 31.9
249 28.4 24.6 37.0





#69

Atrazine

Concen: 12.332 ng

RT: 11.257 min Scan# 1559

Delta R.T. -0.006 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

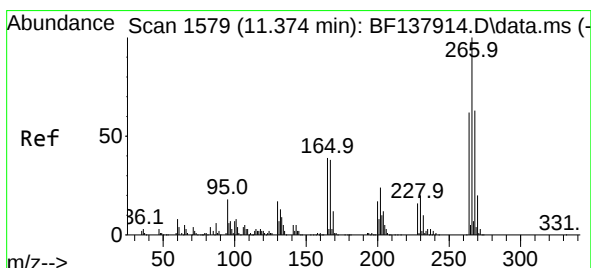
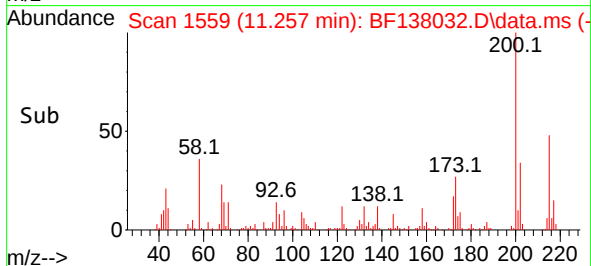
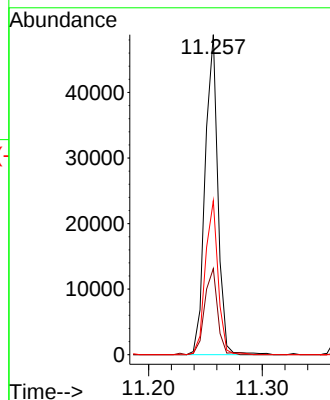
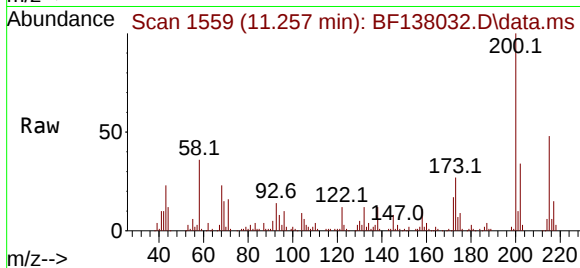
Tgt Ion:200 Resp: 38118

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

215 48.1 27.5 67.5



#70

Pentachlorophenol

Concen: 14.488 ng

RT: 11.375 min Scan# 1579

Delta R.T. 0.000 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

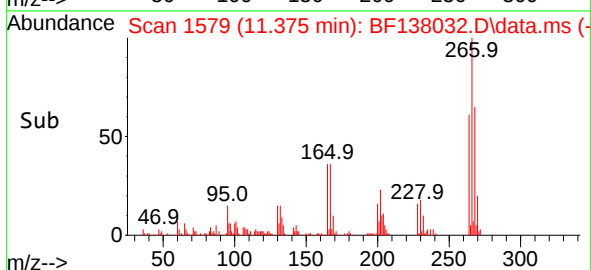
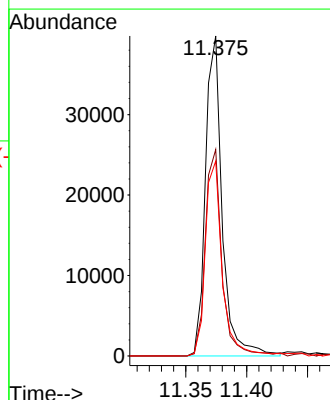
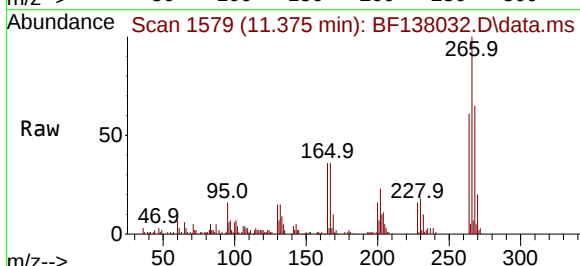
Tgt Ion:266 Resp: 37958

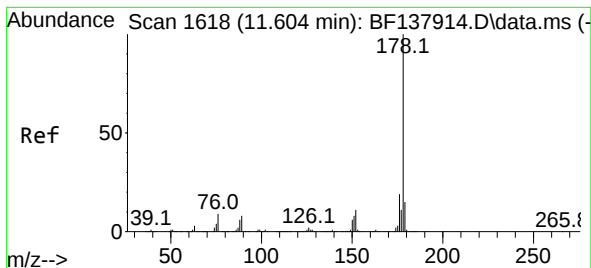
Ion Ratio Lower Upper

266 100

268 64.5 50.1 75.1

264 60.9 49.4 74.2





#71

Phenanthrene

Concen: 10.010 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

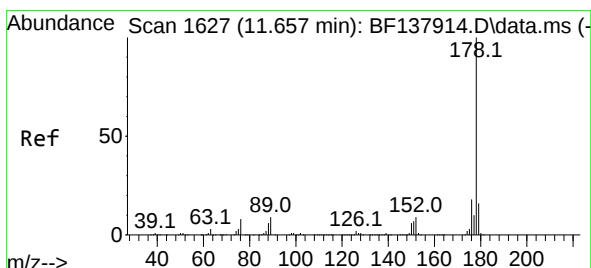
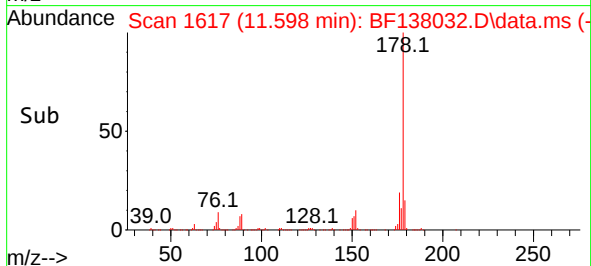
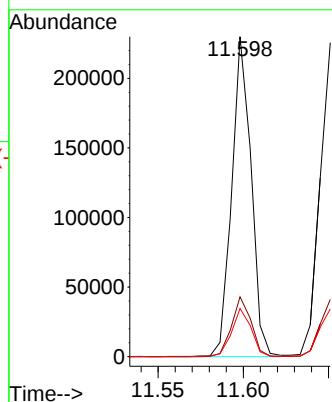
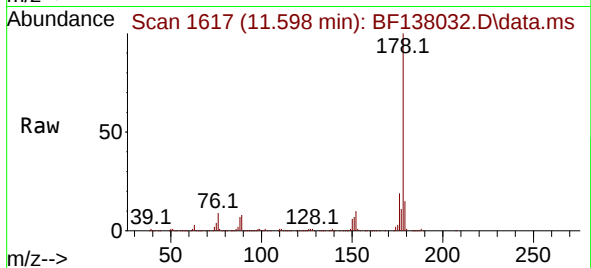
Tgt Ion:178 Resp: 182067

Ion Ratio Lower Upper

178 100

176 18.7 15.2 22.8

179 15.0 12.2 18.4



#72

Anthracene

Concen: 9.819 ng

RT: 11.651 min Scan# 1626

Delta R.T. -0.006 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

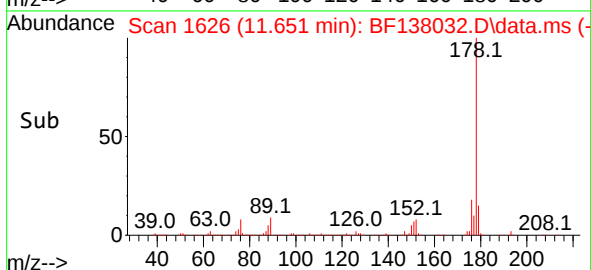
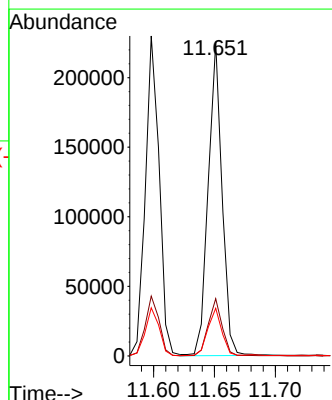
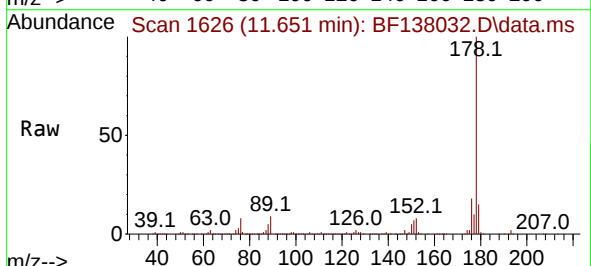
Tgt Ion:178 Resp: 177203

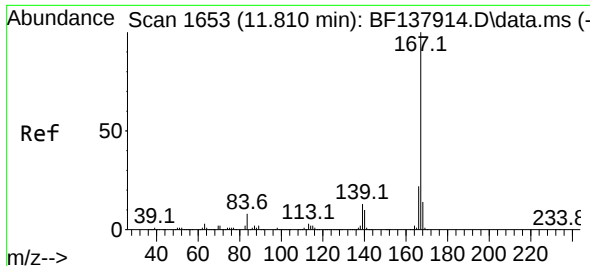
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.2 12.4 18.6

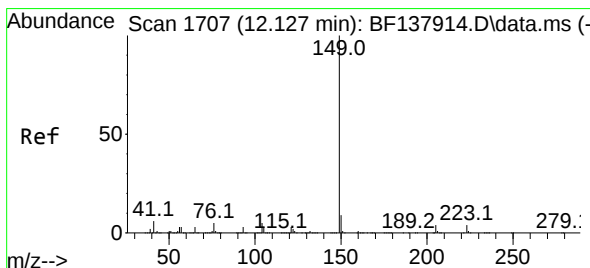
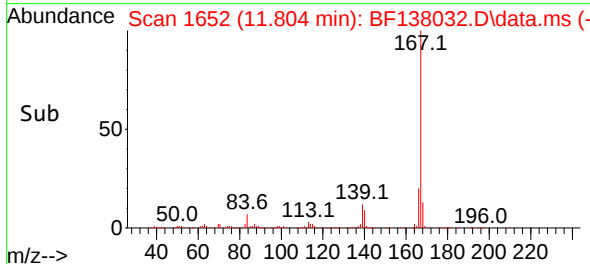
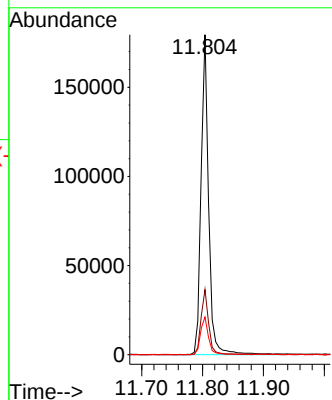
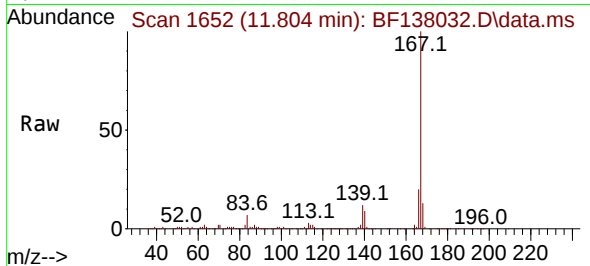




#73
 Carbazole
 Concen: 9.437 ng
 RT: 11.804 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF138032.D
 Acq: 23 May 2024 17:31

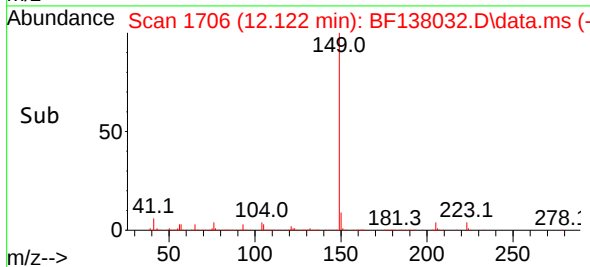
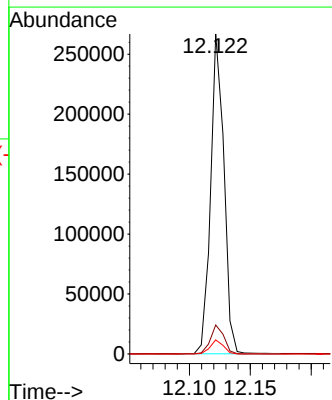
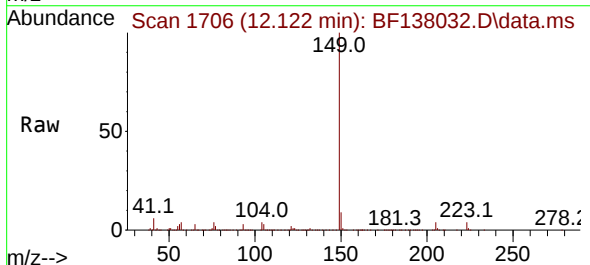
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-052224MS

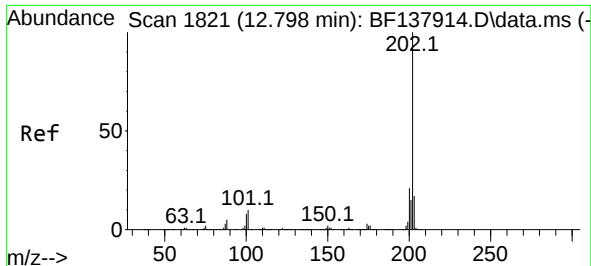
Tgt Ion:167 Resp: 155567
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.3 25.9
 139 11.8 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 11.063 ng
 RT: 12.122 min Scan# 1706
 Delta R.T. -0.006 min
 Lab File: BF138032.D
 Acq: 23 May 2024 17:31

Tgt Ion:149 Resp: 202402
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.2
 104 4.4 3.6 5.4

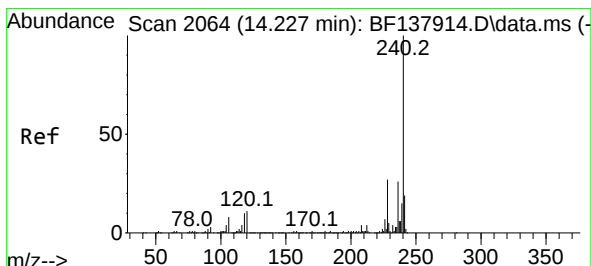
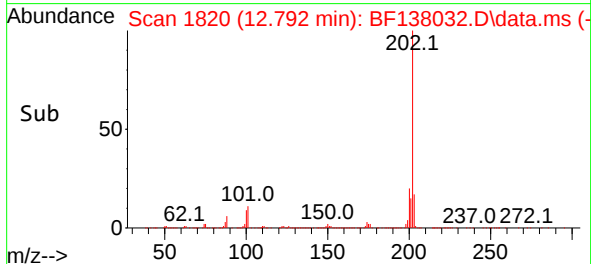
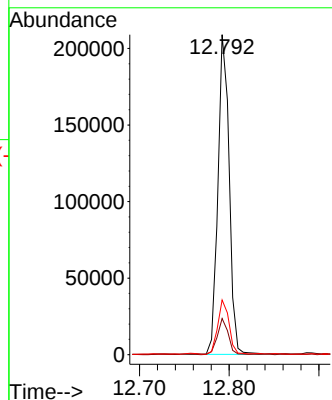
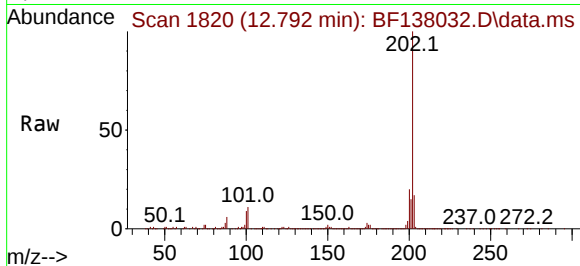




#75
Fluoranthene
Concen: 9.867 ng
RT: 12.792 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

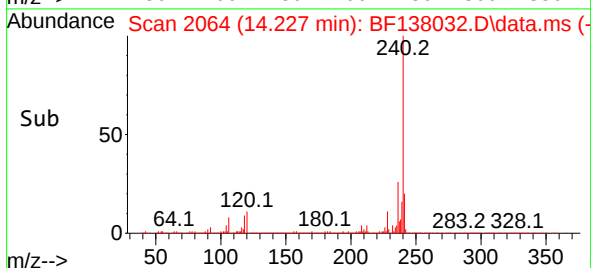
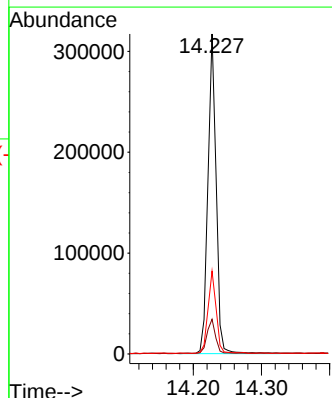
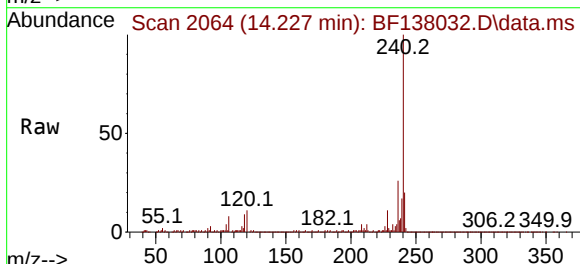
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

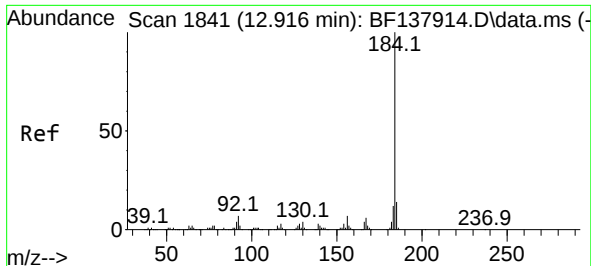
Tgt Ion:202 Resp: 182172
Ion Ratio Lower Upper
202 100
101 11.3 0.0 30.5
203 17.1 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:240 Resp: 265992
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.9 21.0 31.4

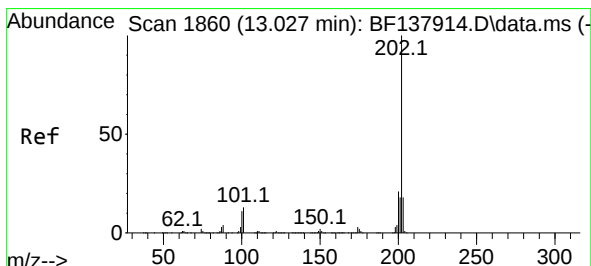
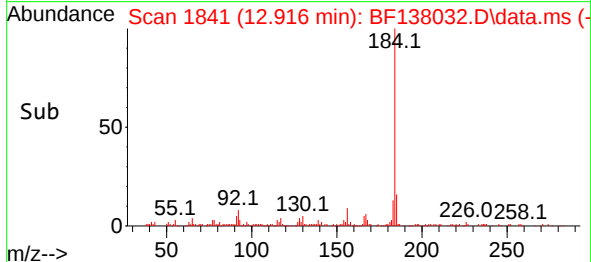
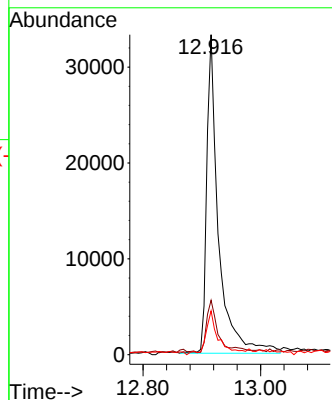
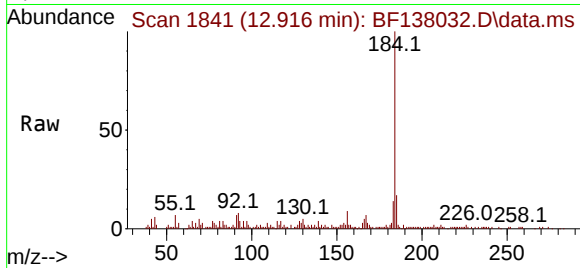




#77
Benzidine
Concen: 13.322 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

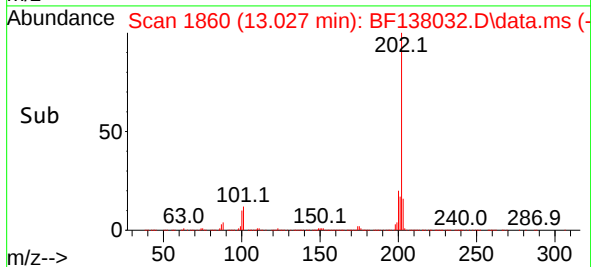
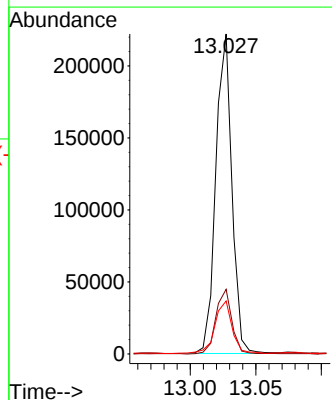
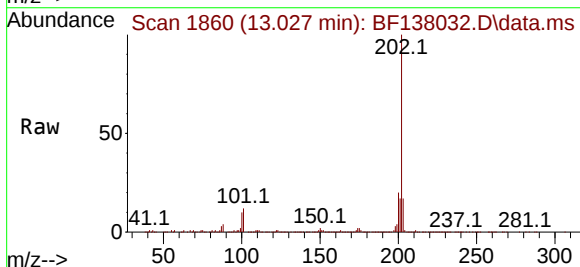
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

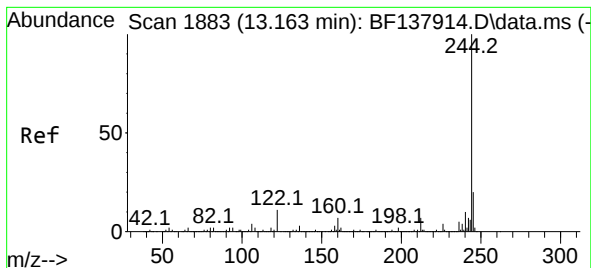
Tgt Ion:184 Resp: 46309
Ion Ratio Lower Upper
184 100
185 17.0 11.4 17.2
183 13.7 9.5 14.3



#78
Pyrene
Concen: 8.134 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:202 Resp: 189244
Ion Ratio Lower Upper
202 100
200 20.2 17.0 25.4
203 16.6 14.1 21.1





#79

Terphenyl-d14

Concen: 7.258 ng

RT: 13.157 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

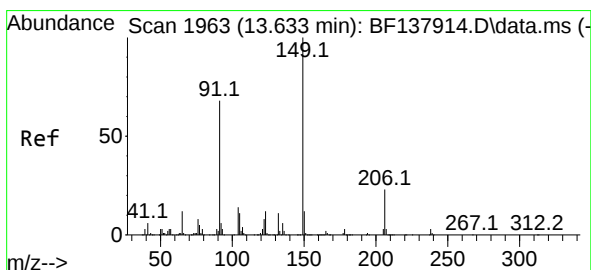
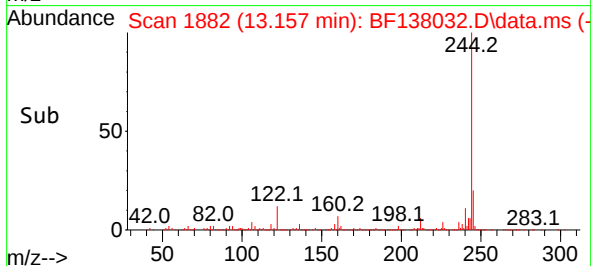
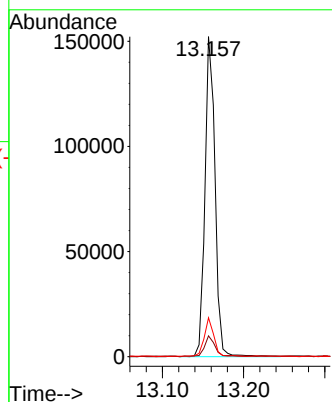
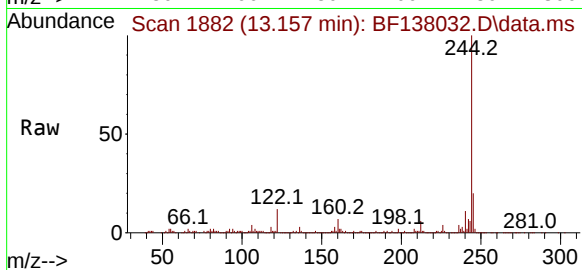
Tgt Ion:244 Resp: 130986

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 12.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 9.998 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

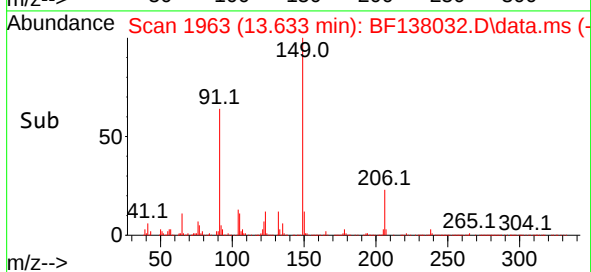
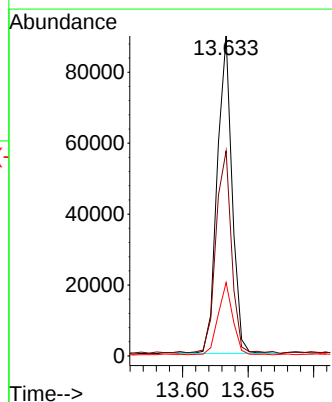
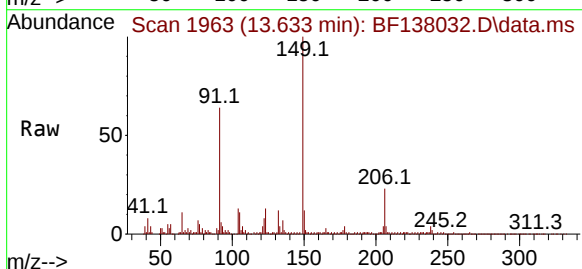
Tgt Ion:149 Resp: 70158

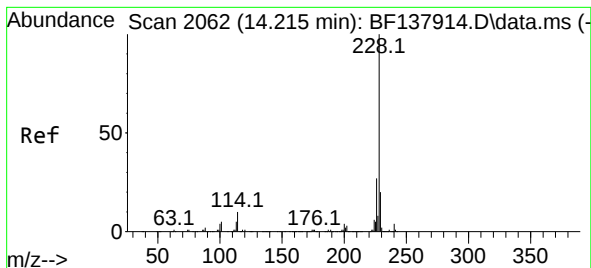
Ion Ratio Lower Upper

149 100

91 64.1 54.2 81.4

206 22.9 18.1 27.1





#81

Benzo(a)anthracene

Concen: 9.976 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

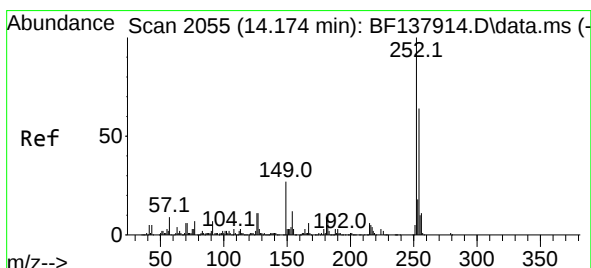
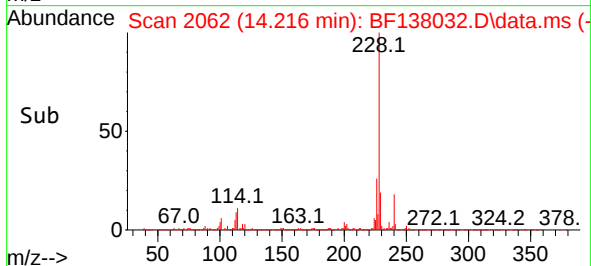
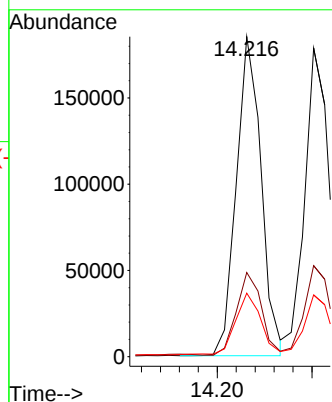
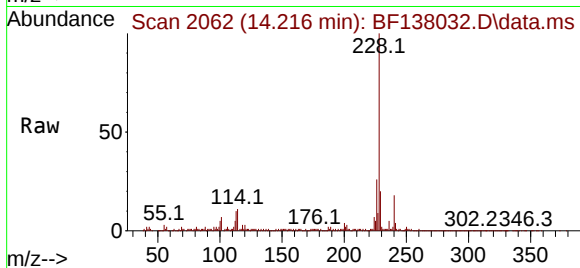
Tgt Ion:228 Resp: 167883

Ion Ratio Lower Upper

228 100

226 26.3 21.3 31.9

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 9.409 ng

RT: 14.174 min Scan# 2055

Delta R.T. 0.000 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

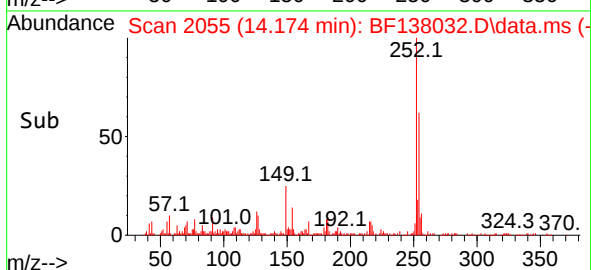
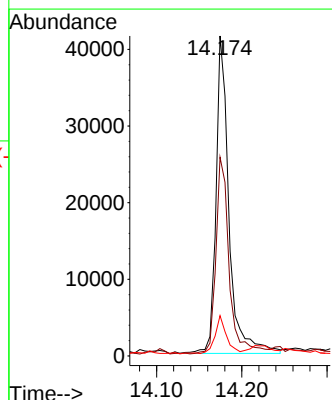
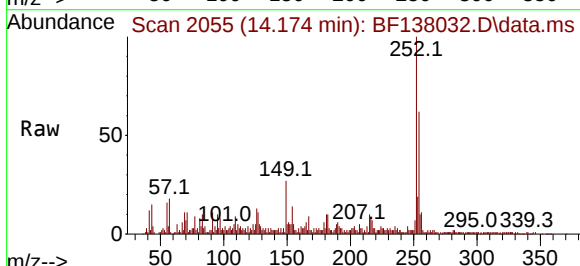
Tgt Ion:252 Resp: 43880

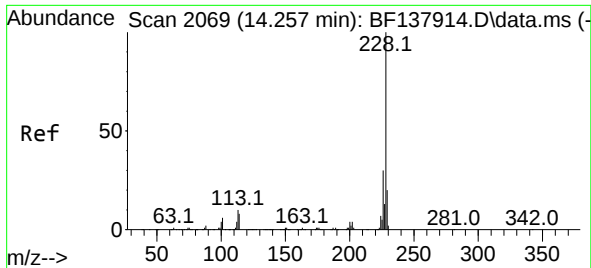
Ion Ratio Lower Upper

252 100

254 62.1 51.2 76.8

126 12.6 8.7 13.1

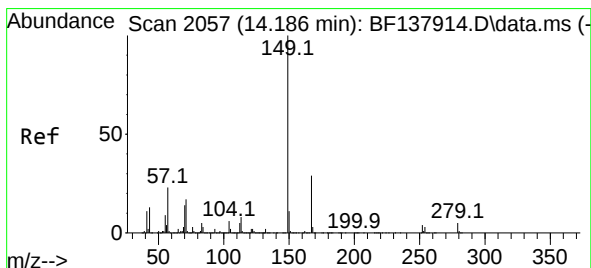
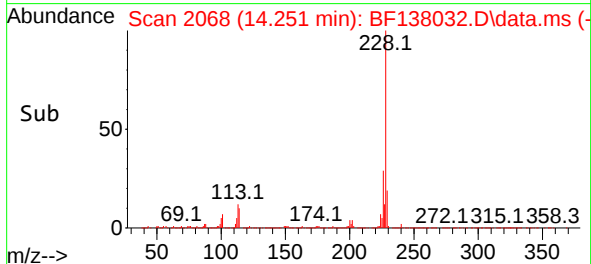
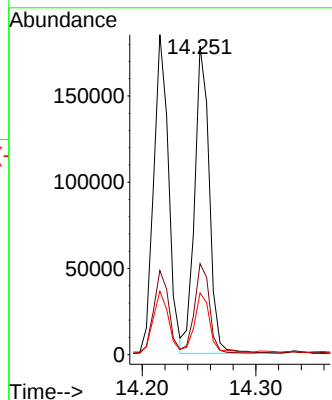
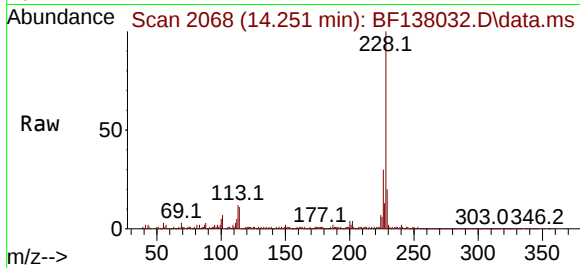




#83
Chrysene
Concen: 9.979 ng
RT: 14.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

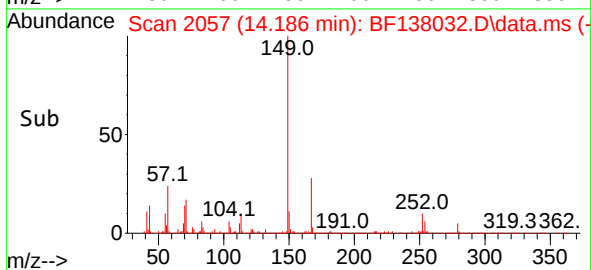
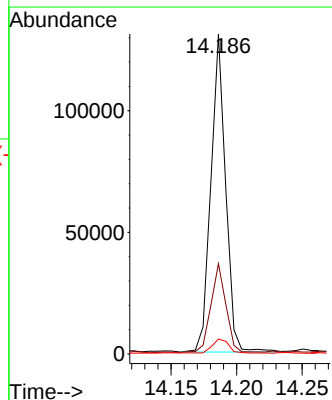
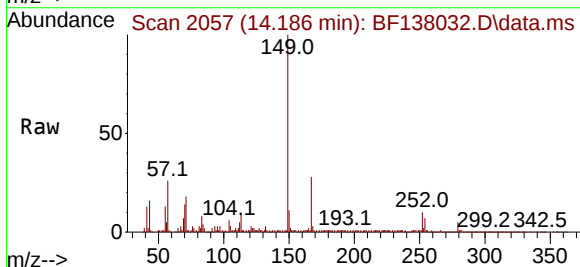
Instrument :
BNA_F
ClientSampleId :
OR-02-052224MS

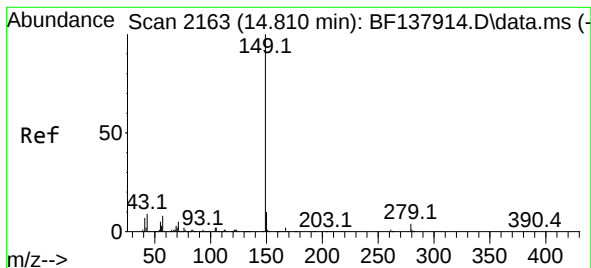
Tgt Ion:228 Resp: 160605
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 20.0 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 11.622 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BF138032.D
Acq: 23 May 2024 17:31

Tgt Ion:149 Resp: 102515
Ion Ratio Lower Upper
149 100
167 28.2 23.2 34.8
279 4.7 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 14.645 ng

RT: 14.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

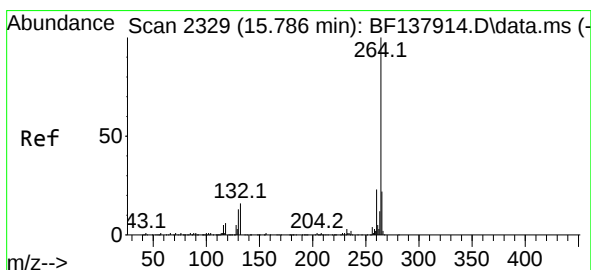
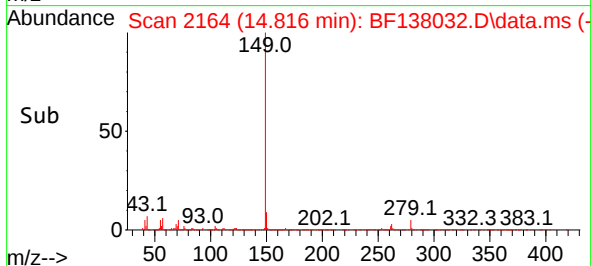
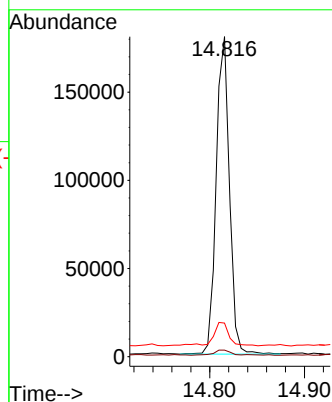
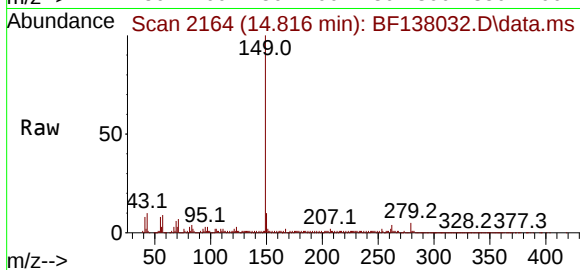
Tgt Ion:149 Resp: 174520

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

43 9.6 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: BF138032.D

Acq: 23 May 2024 17:31

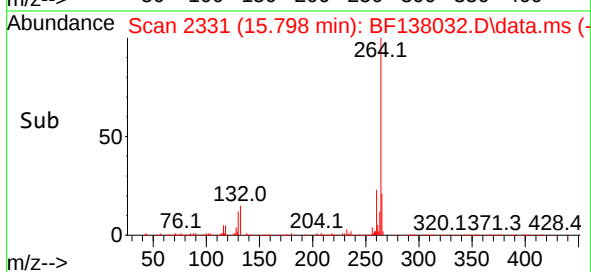
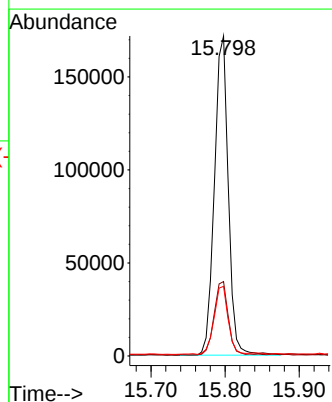
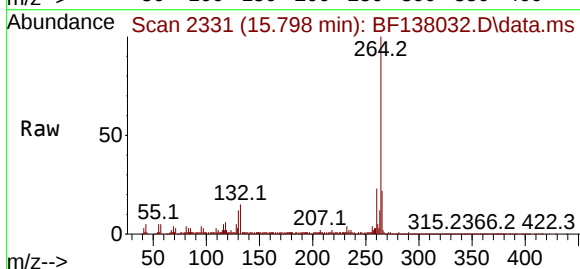
Tgt Ion:264 Resp: 223212

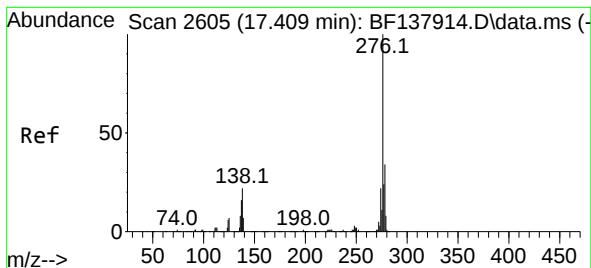
Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.7 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.815 ng

RT: 17.415 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

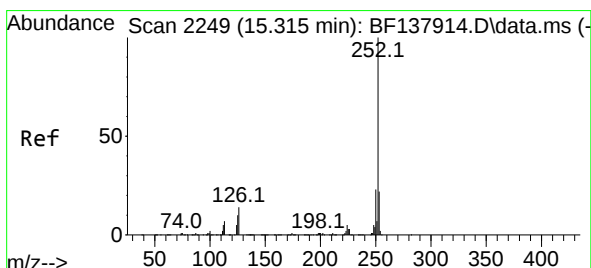
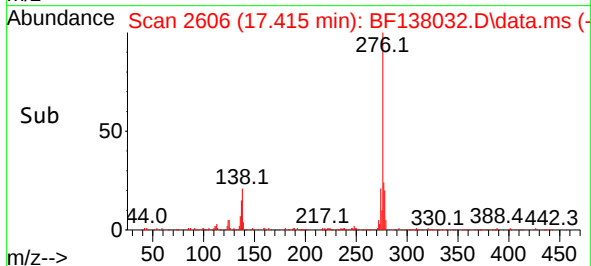
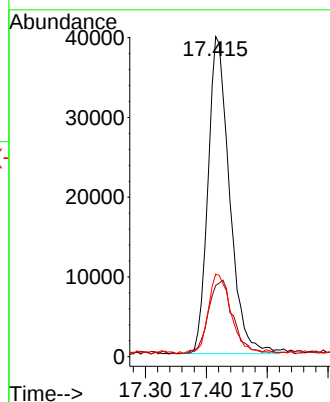
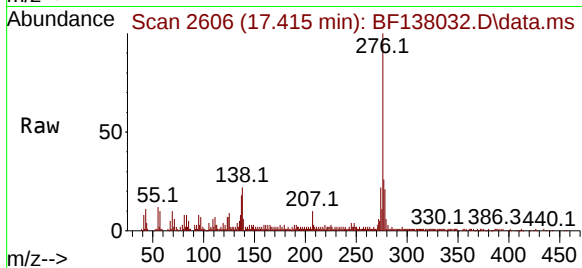
Tgt Ion:276 Resp: 97726

Ion Ratio Lower Upper

276 100

138 26.2 20.6 30.8

277 26.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 10.319 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.006 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

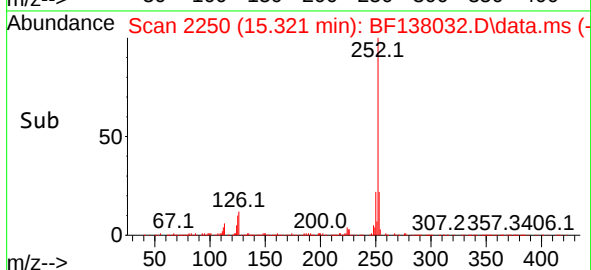
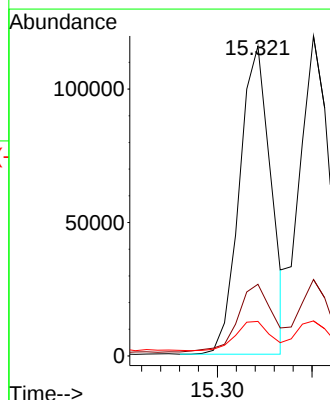
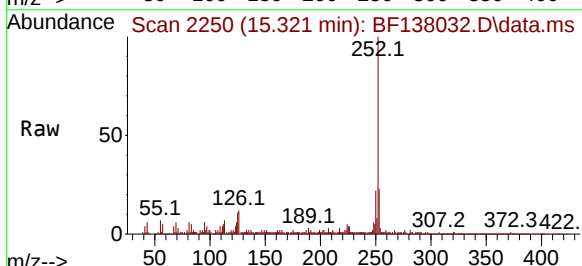
Tgt Ion:252 Resp: 133370

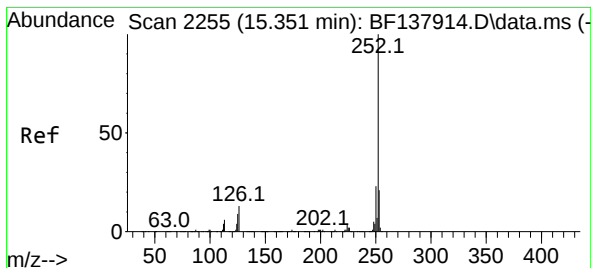
Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

125 11.1 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 10.554 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

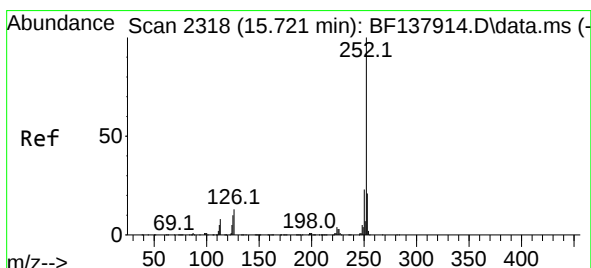
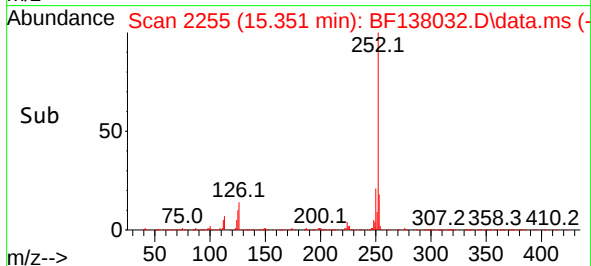
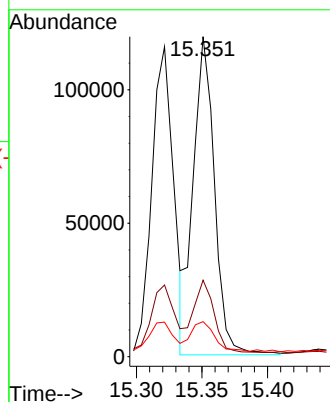
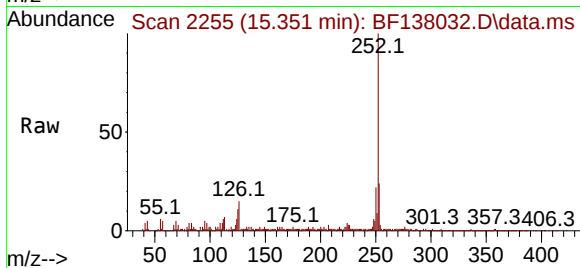
Tgt Ion:252 Resp: 133999

Ion Ratio Lower Upper

252 100

253 23.9 17.4 26.0

125 11.0 7.7 11.5



#90

Benzo(a)pyrene

Concen: 10.263 ng

RT: 15.721 min Scan# 2318

Delta R.T. 0.000 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

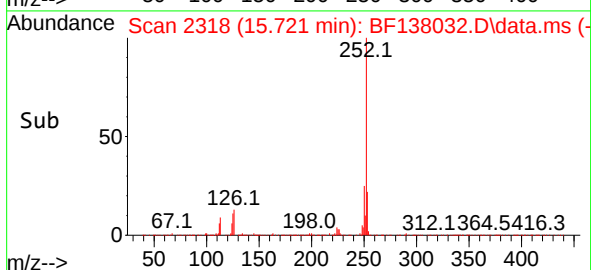
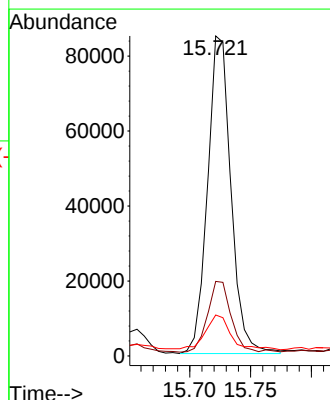
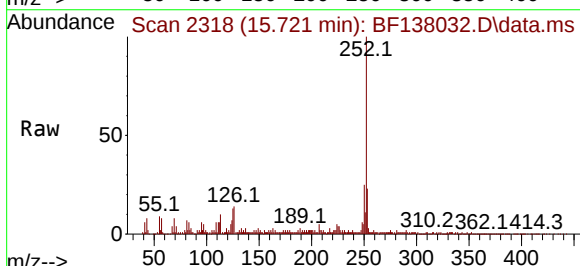
Tgt Ion:252 Resp: 113258

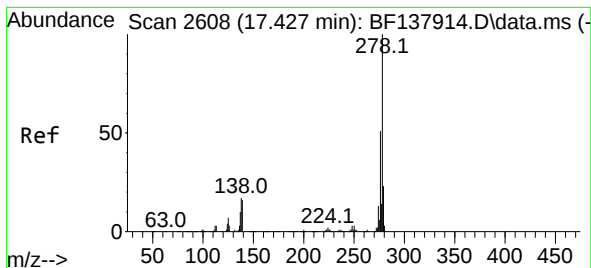
Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

125 12.8 7.8 11.8#





#91

Dibenzo(a,h)anthracene

Concen: 6.707 ng

RT: 17.439 min Scan# 2610

Delta R.T. 0.012 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Instrument :

BNA_F

ClientSampleId :

OR-02-052224MS

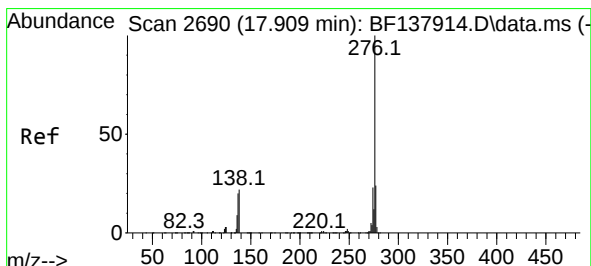
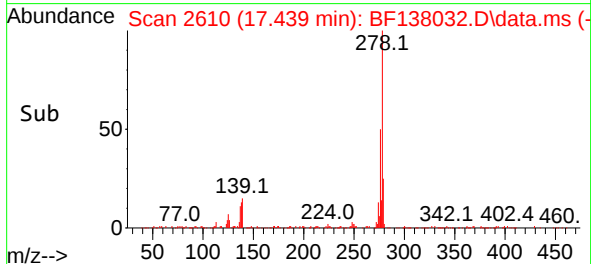
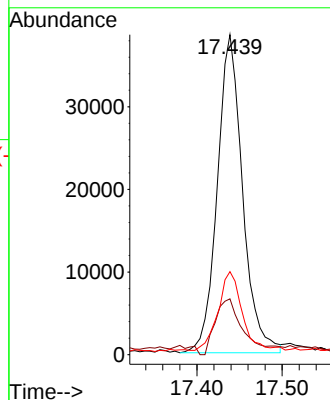
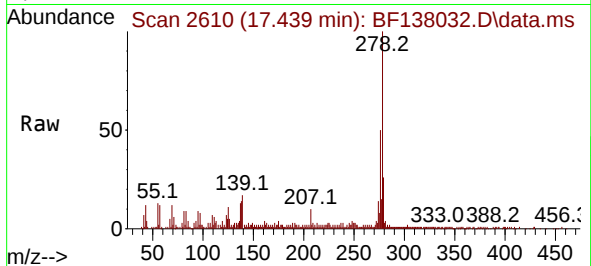
Tgt Ion:278 Resp: 79464

Ion Ratio Lower Upper

278 100

139 17.5 13.1 19.7

279 26.0 18.5 27.7



#92

Benzo(g,h,i)perylene

Concen: 6.043 ng

RT: 17.915 min Scan# 2691

Delta R.T. 0.006 min

Lab File: BF138032.D

Acq: 23 May 2024 17:31

Tgt Ion:276 Resp: 75218

Ion Ratio Lower Upper

276 100

277 24.9 18.9 28.3

138 21.2 17.6 26.4

