

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138043.D
 Acq On : 28 May 2024 13:11
 Operator : CG\JU
 Sample : P2612-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11933

Quant Time: May 28 13:43:24 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)

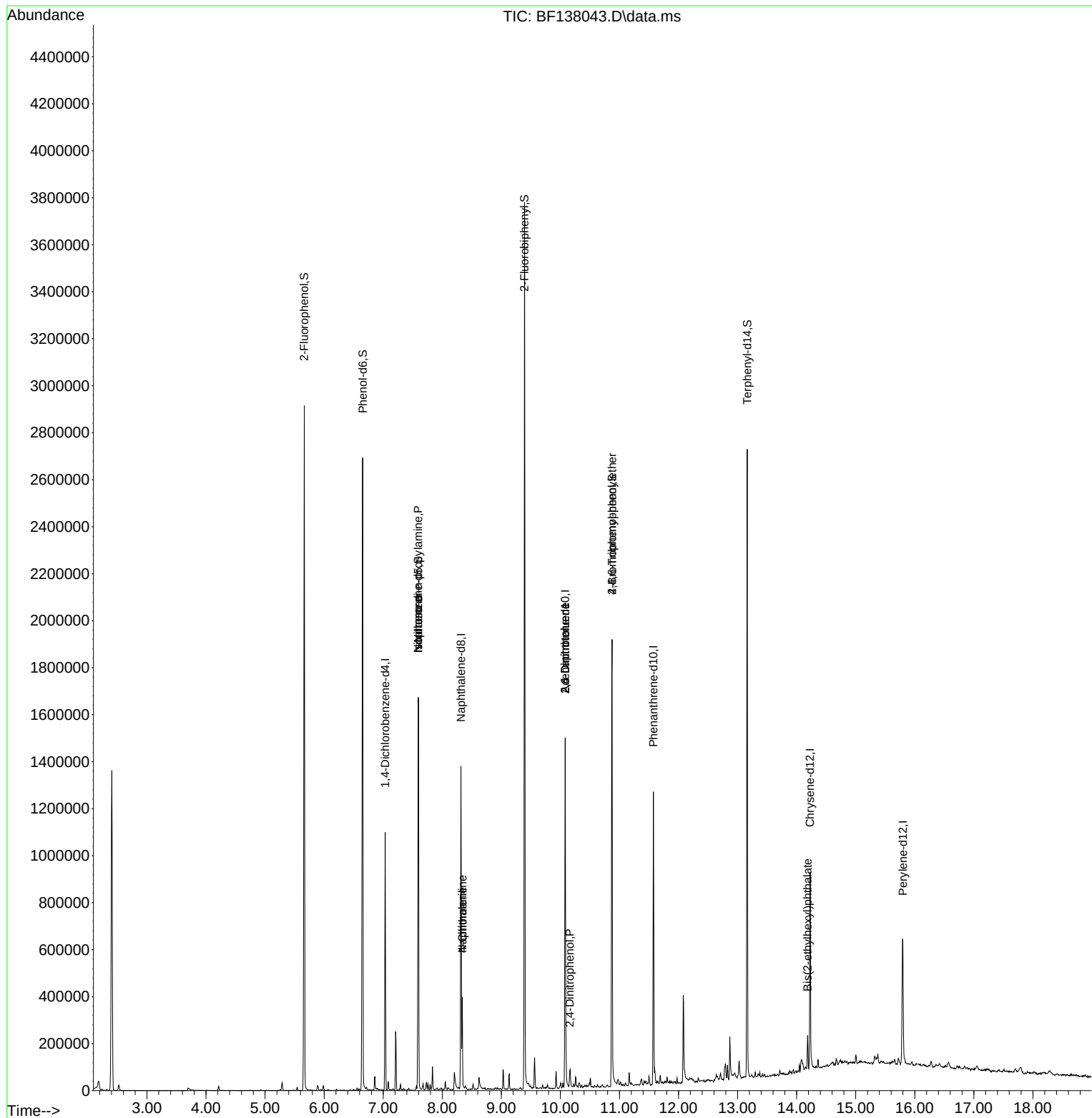
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	148040	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	563344	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	302855	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	443292	20.000	ng	0.00
76) Chrysene-d12	14.227	240	277032	20.000	ng	0.00
86) Perylene-d12	15.798	264	282681	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	808596	92.780	ng	0.00
7) Phenol-d6	6.651	99	998431	93.001	ng	0.00
23) Nitrobenzene-d5	7.592	82	593438	61.994	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	277335	90.820	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1139264	57.945	ng	0.00
79) Terphenyl-d14	13.163	244	873563	46.473	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.592	70	78033	12.937	ng	# 77
25) Isophorone	7.592	82	593530	35.726	ng	# 64
31) Naphthalene	8.339	128	155799	5.500	ng	100
33) 4-Chloroaniline	8.339	127	20176	2.173	ng	# 35
51) 2,6-Dinitrotoluene	10.081	165	41661	9.558	ng	# 30
54) 2,4-Dinitrophenol	10.157	184	160	7.030	ng	# 46
57) 2,4-Dinitrotoluene	10.081	165	41915	7.438	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	17628	3.627	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.186	149	39029	4.248	ng	100

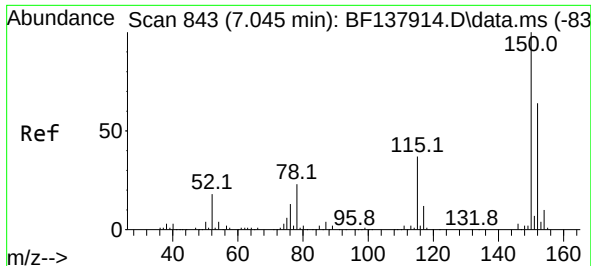
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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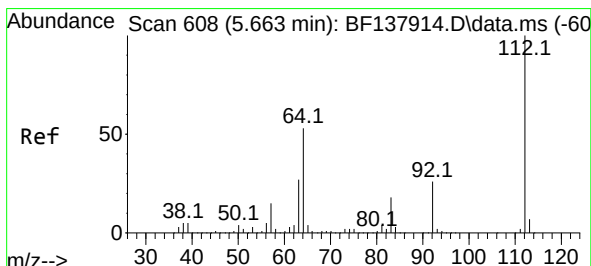
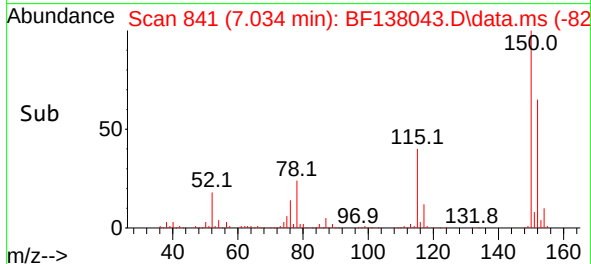
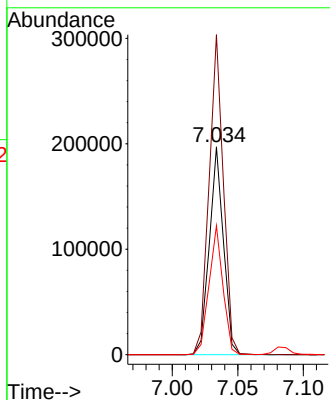
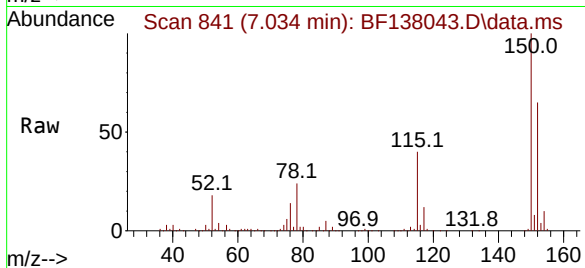




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

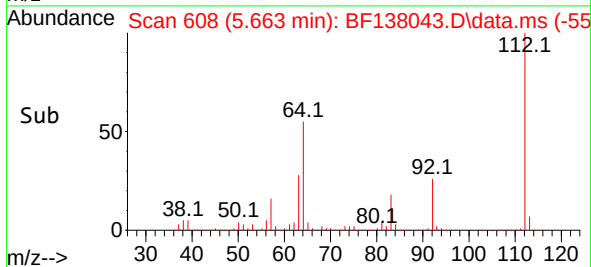
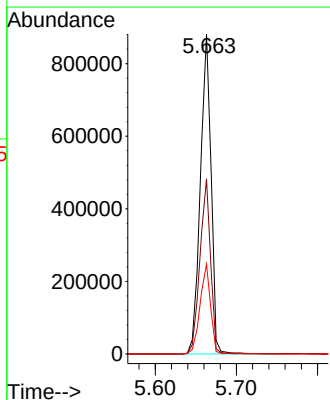
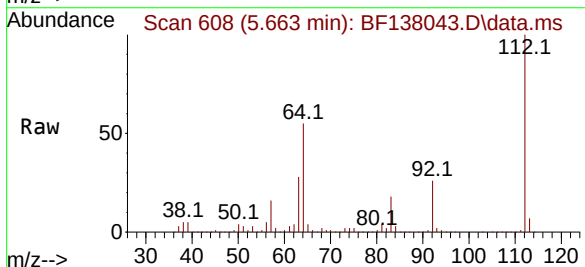
Instrument :
BNA_F
ClientSampleId :
72-11933

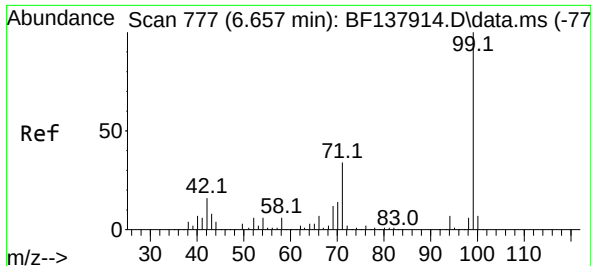
Tgt Ion:152 Resp: 148040
Ion Ratio Lower Upper
152 100
150 154.0 125.7 188.5
115 62.1 47.0 70.6



#5
2-Fluorophenol
Concen: 92.780 ng
RT: 5.663 min Scan# 608
Delta R.T. 0.000 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

Tgt Ion:112 Resp: 808596
Ion Ratio Lower Upper
112 100
64 54.7 42.4 63.6
63 28.1 21.4 32.2

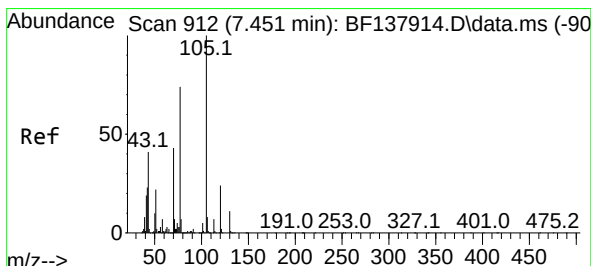
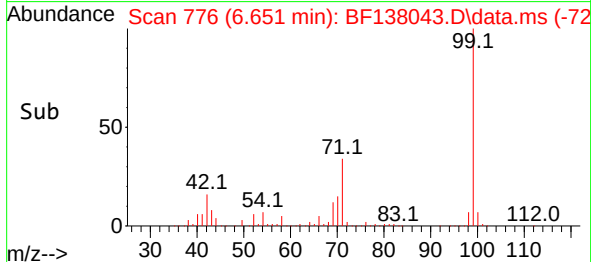
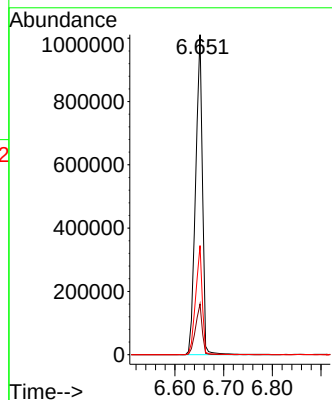
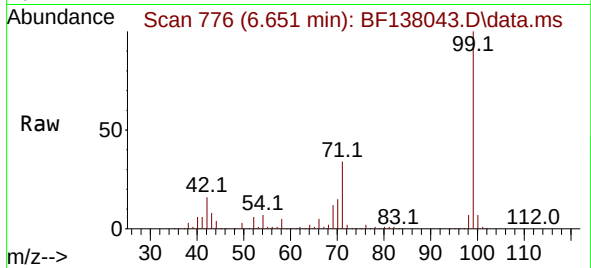




#7
Phenol-d6
Concen: 93.001 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

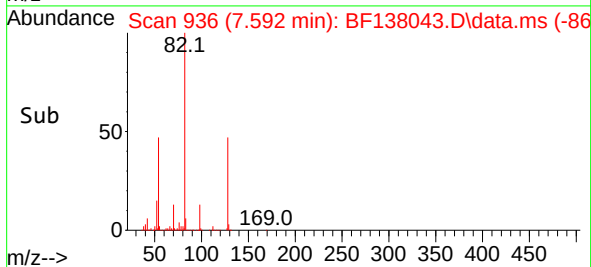
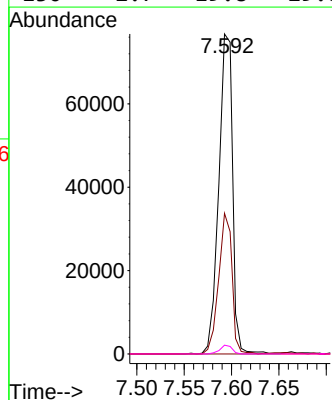
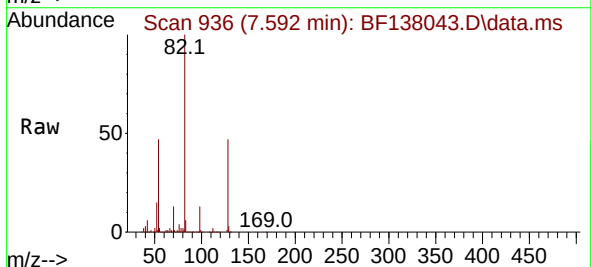
Instrument :
BNA_F
ClientSampleId :
72-11933

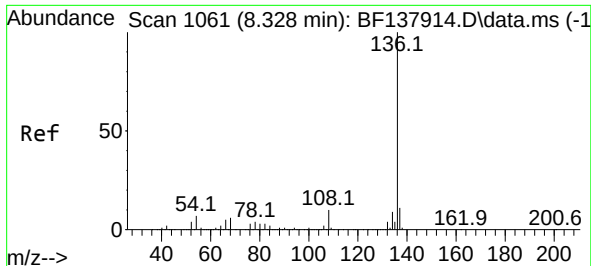
Tgt Ion: 99 Resp: 998431
Ion Ratio Lower Upper
99 100
42 15.9 12.6 18.8
71 34.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.937 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

Tgt Ion: 70 Resp: 78033
Ion Ratio Lower Upper
70 100
42 43.9 42.2 63.4
101 0.0 8.8 13.2#
130 2.7 19.8 29.8#



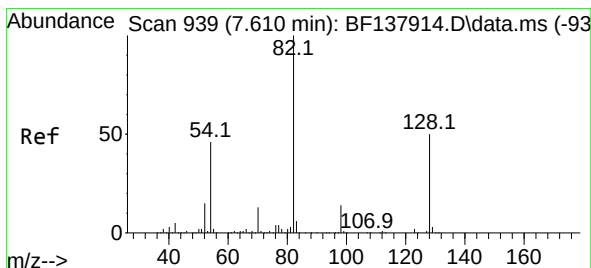
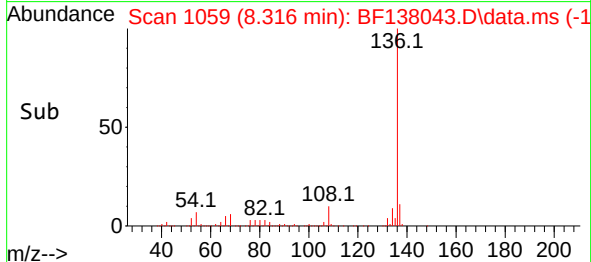
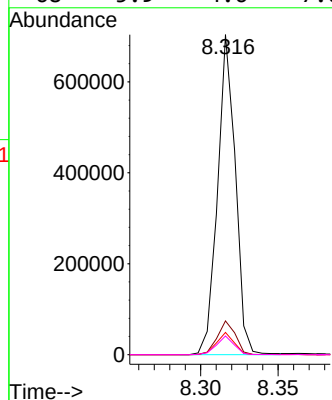
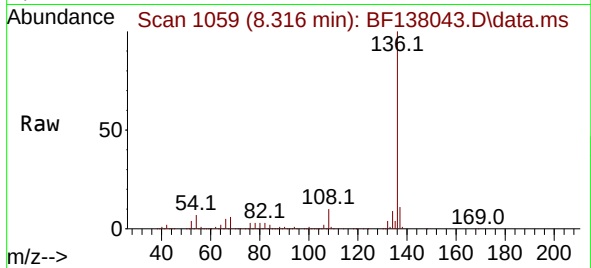


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

Instrument :
BNA_F
ClientSampleId :
72-11933

Tgt Ion:136 Resp: 563344

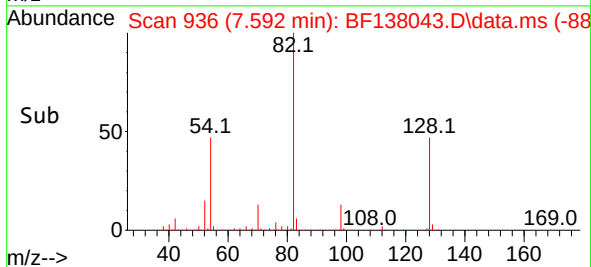
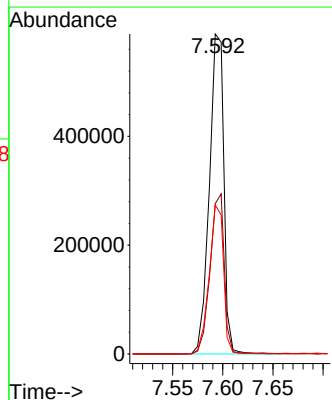
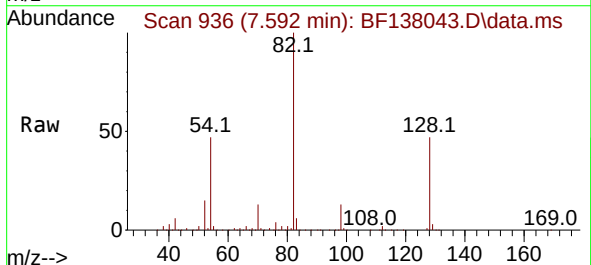
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	7.0	5.4	8.2
68	5.9	4.6	7.0

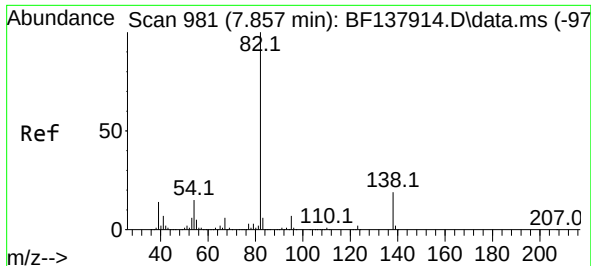


#23
Nitrobenzene-d5
Concen: 61.994 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.018 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

Tgt Ion: 82 Resp: 593438

Ion	Ratio	Lower	Upper
82	100		
128	47.0	40.3	60.5
54	46.6	36.8	55.2

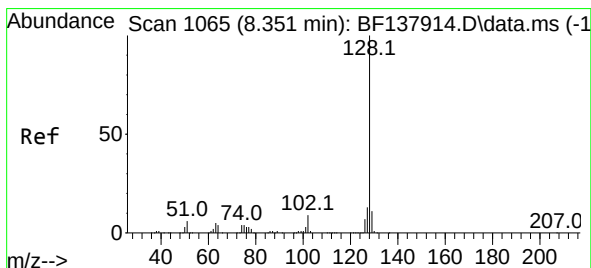
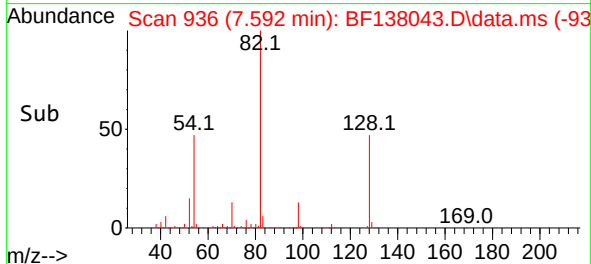
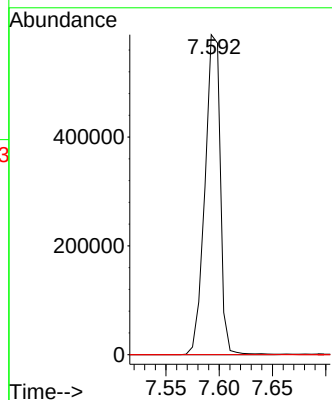
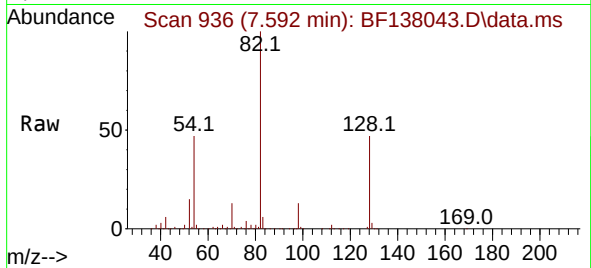




#25
Isophorone
Concen: 35.726 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

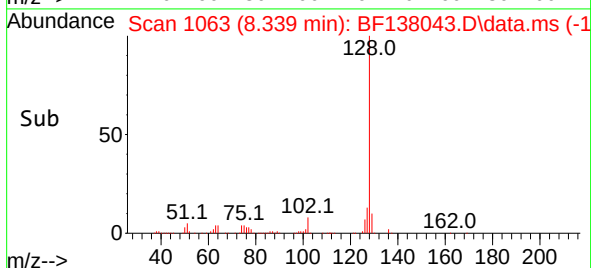
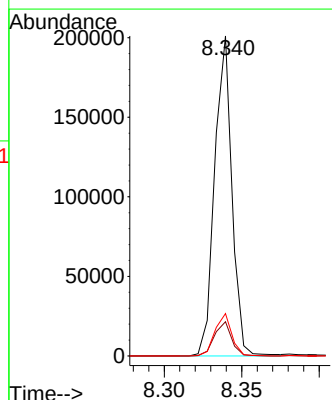
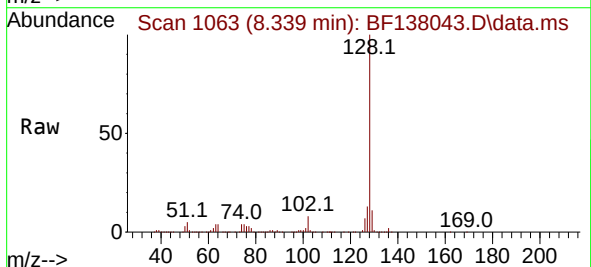
Instrument :
BNA_F
ClientSampleId :
72-11933

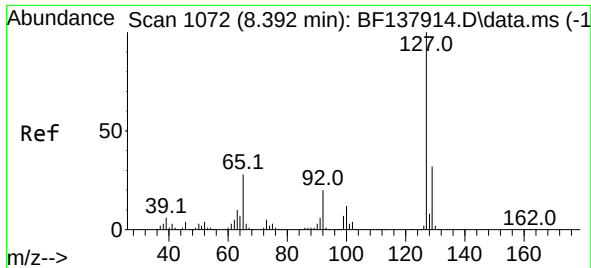
Tgt Ion: 82 Resp: 593530
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#31
Naphthalene
Concen: 5.500 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

Tgt Ion:128 Resp: 155799
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.2 10.6 16.0

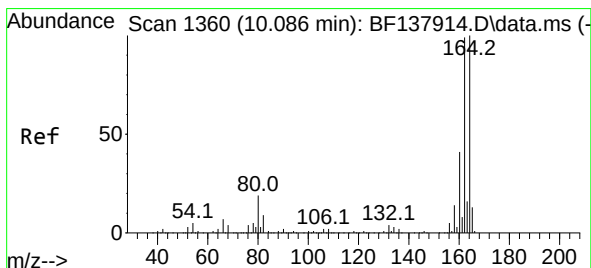
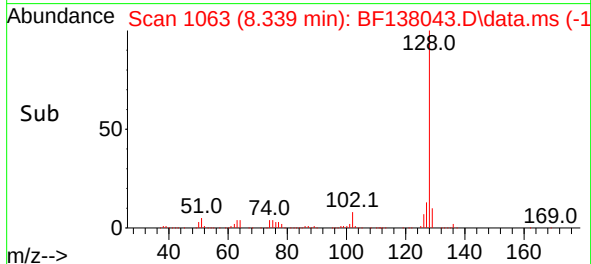
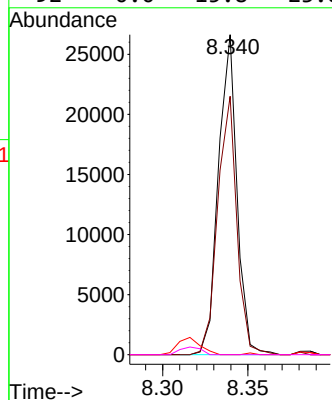
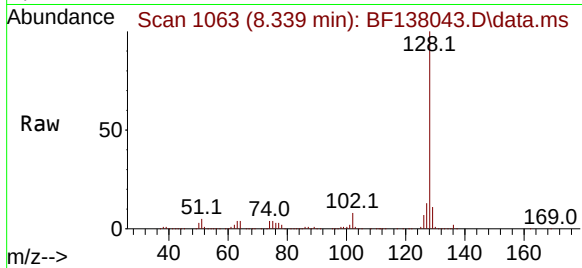




#33
4-Chloroaniline
Concen: 2.173 ng
RT: 8.339 min Scan# 1072
Delta R.T. -0.053 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

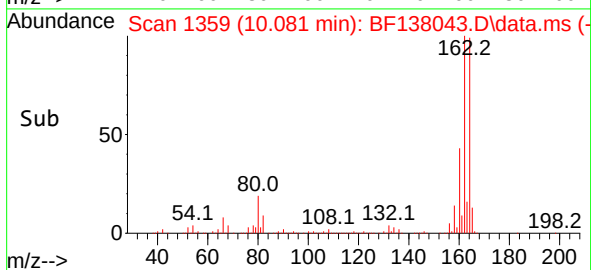
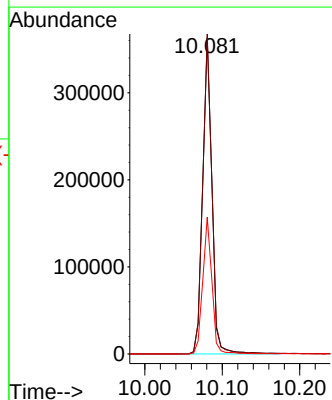
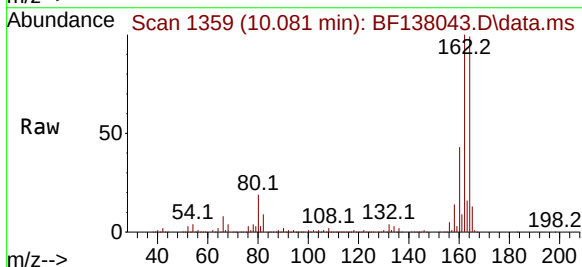
Instrument :
BNA_F
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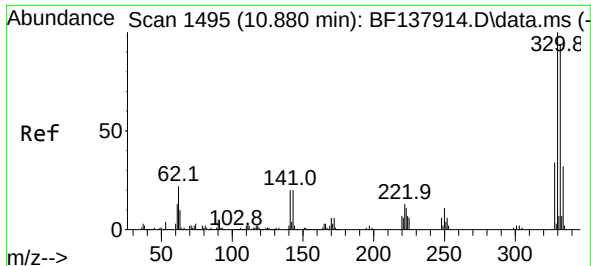
Tgt Ion:	127	Resp:	20176
Ion	Ratio	Lower	Upper
127	100		
129	80.7	25.4	38.2#
65	0.0	22.0	33.0#
92	0.0	15.8	23.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

Tgt Ion:	164	Resp:	302855
Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.4	119.2
160	43.3	33.1	49.7





#42

2,4,6-Tribromophenol

Concen: 90.820 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138043.D

Acq: 28 May 2024 13:11

Instrument :

BNA_F

ClientSampleId :

72-11933

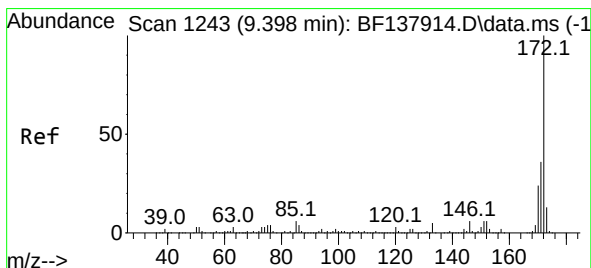
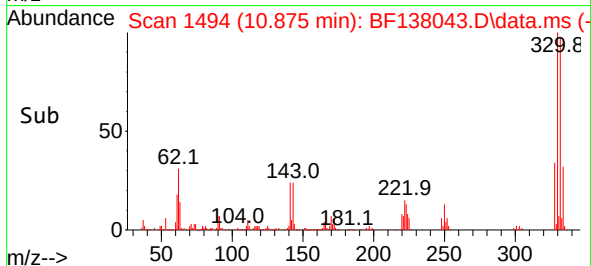
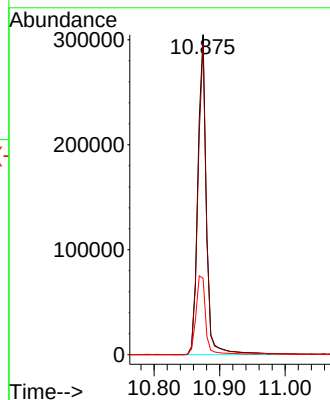
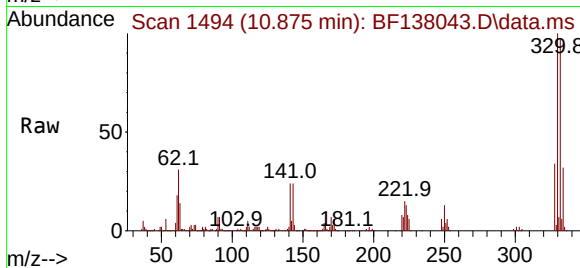
Tgt Ion:330 Resp: 277335

Ion Ratio Lower Upper

330 100

332 96.6 75.8 113.8

141 28.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 57.945 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138043.D

Acq: 28 May 2024 13:11

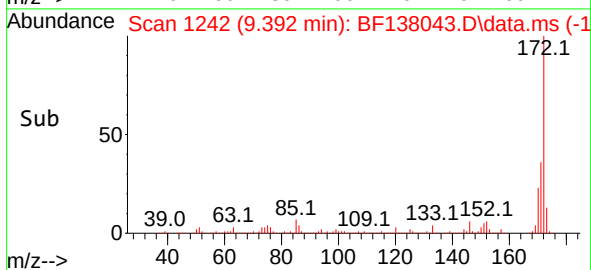
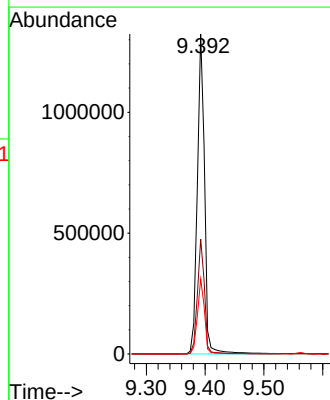
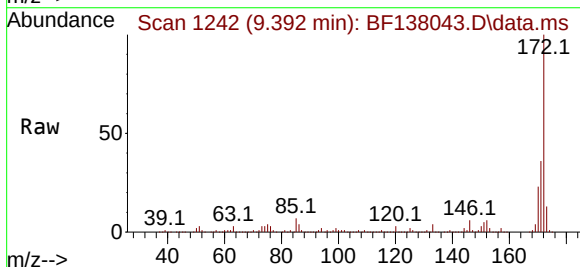
Tgt Ion:172 Resp: 1139264

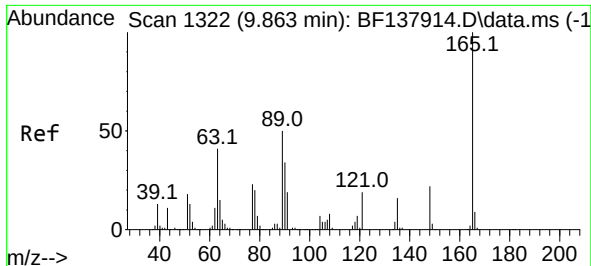
Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

170 23.4 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.558 ng

RT: 10.081 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF138043.D

Acq: 28 May 2024 13:11

Instrument :

BNA_F

ClientSampleId :

72-11933

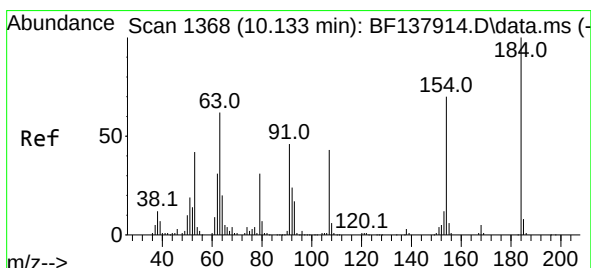
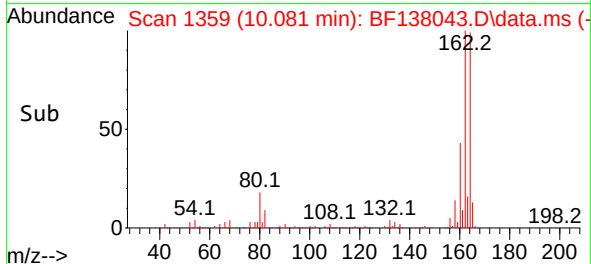
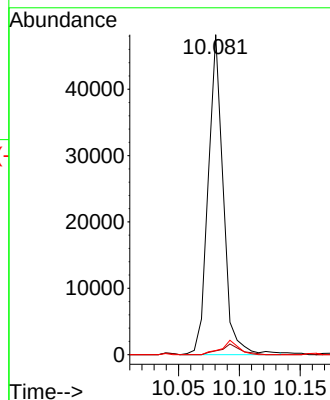
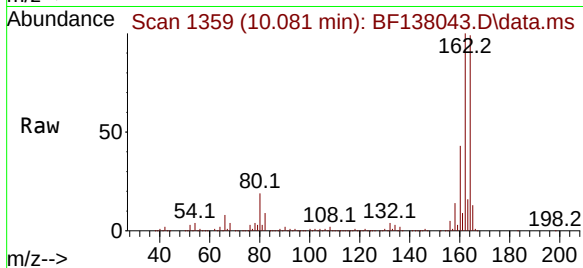
Tgt Ion:165 Resp: 41661

Ion Ratio Lower Upper

165 100

63 1.2 38.9 58.3#

89 1.3 40.4 60.6#



#54

2,4-Dinitrophenol

Concen: 7.030 ng

RT: 10.157 min Scan# 1372

Delta R.T. 0.024 min

Lab File: BF138043.D

Acq: 28 May 2024 13:11

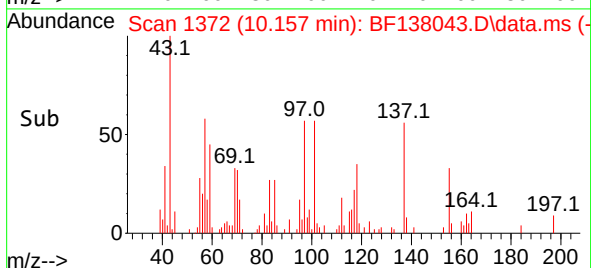
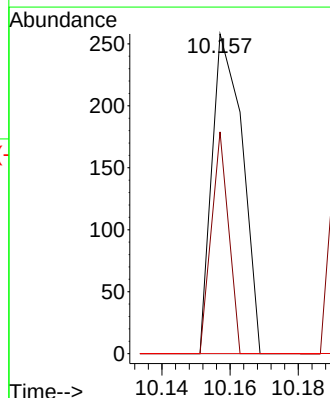
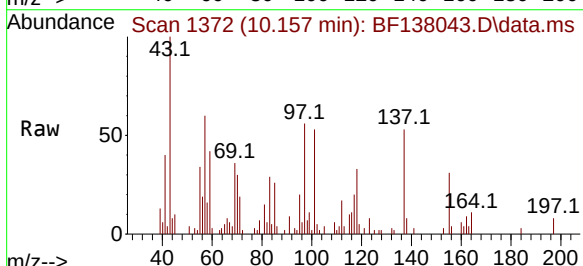
Tgt Ion:184 Resp: 160

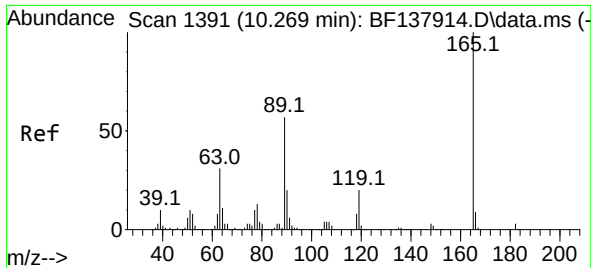
Ion Ratio Lower Upper

184 100

63 69.4 50.4 75.6

154 0.0 63.7 95.5#

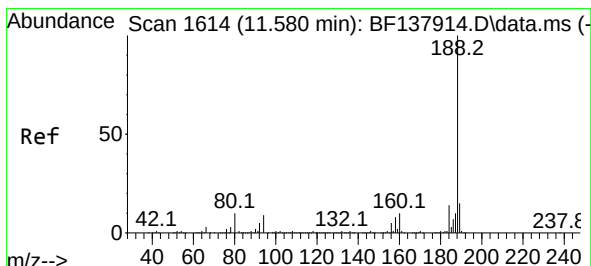
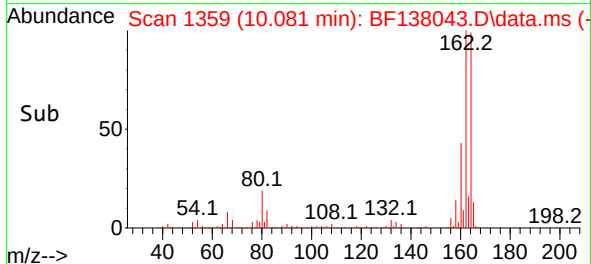
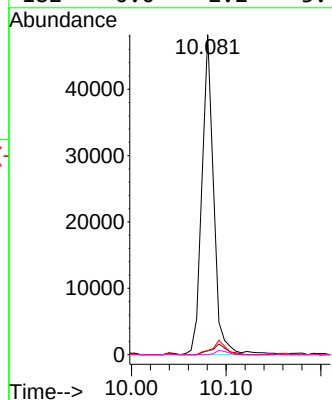
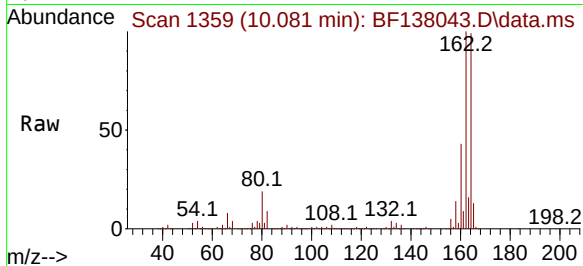




#57
2,4-Dinitrotoluene
Concen: 7.438 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

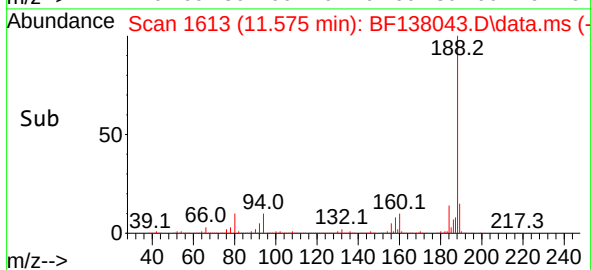
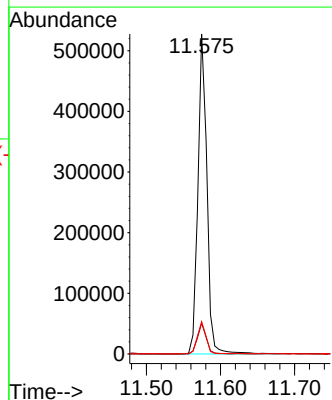
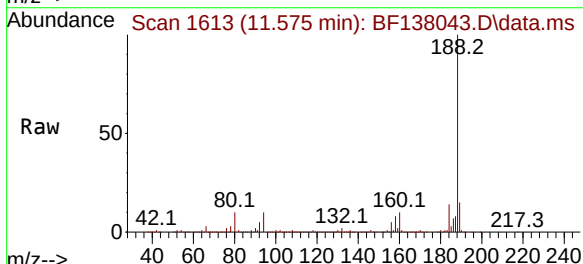
Instrument :
BNA_F
ClientSampleId :
72-11933

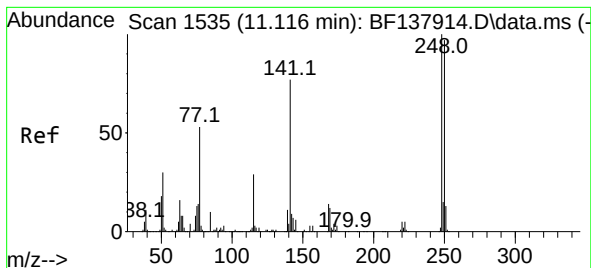
Tgt Ion:165	Resp:	41915
Ion	Ratio	Lower Upper
165	100	
63	1.2	25.3 37.9#
89	1.3	45.9 68.9#
182	0.0	2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

Tgt Ion:188	Resp:	443292
Ion	Ratio	Lower Upper
188	100	
94	9.6	7.0 10.4
80	10.1	7.7 11.5

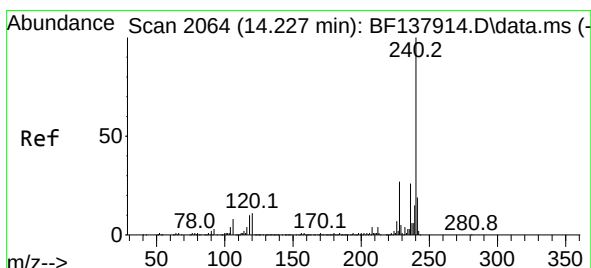
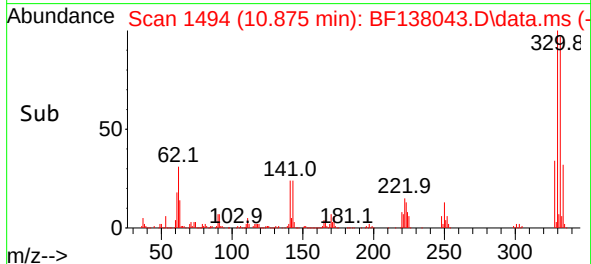
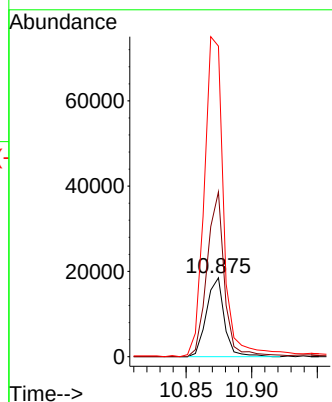
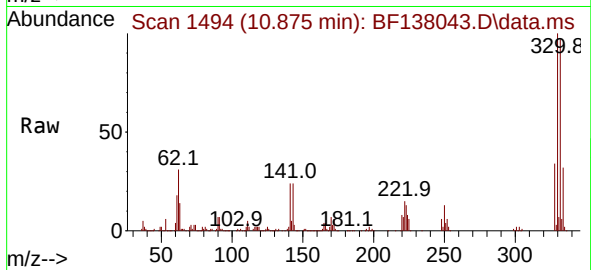




#67
4-Bromophenyl-phenylether
Concen: 3.627 ng
RT: 10.875 min Scan# 141
Delta R.T. -0.241 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

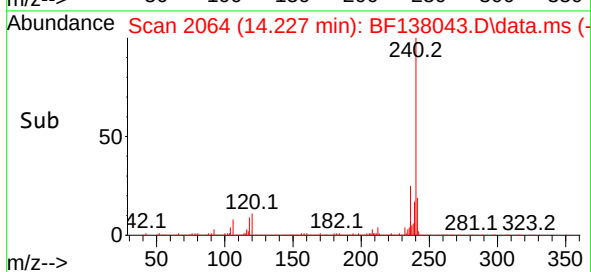
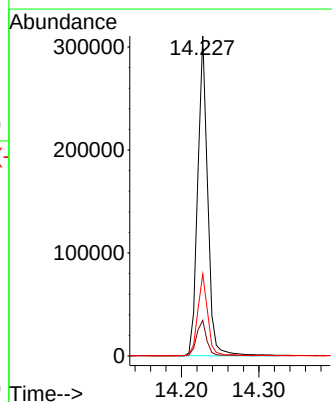
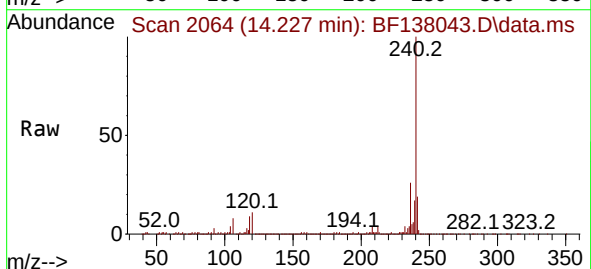
Instrument :
BNA_F
ClientSampleId :
72-11933

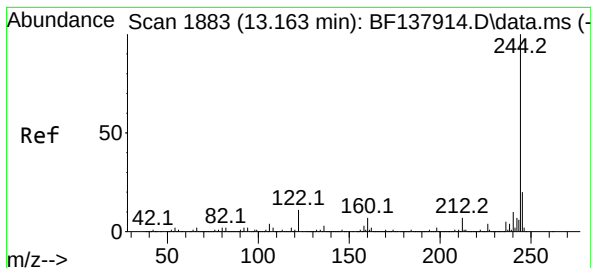
Tgt Ion:248 Resp: 17628
Ion Ratio Lower Upper
248 100
250 208.8 77.6 116.4#
141 393.6 61.4 92.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138043.D
Acq: 28 May 2024 13:11

Tgt Ion:240 Resp: 277032
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 46.473 ng

RT: 13.163 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138043.D

Acq: 28 May 2024 13:11

Instrument :

BNA_F

ClientSampleId :

72-11933

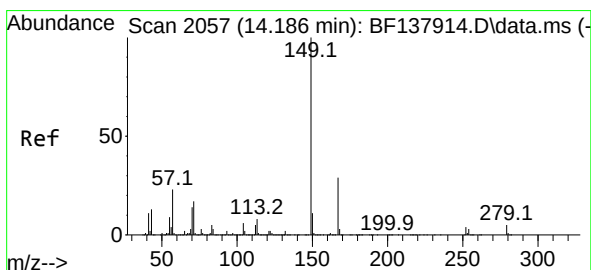
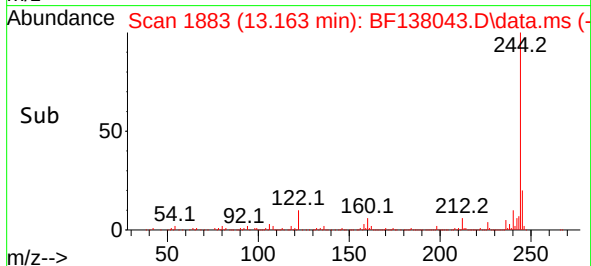
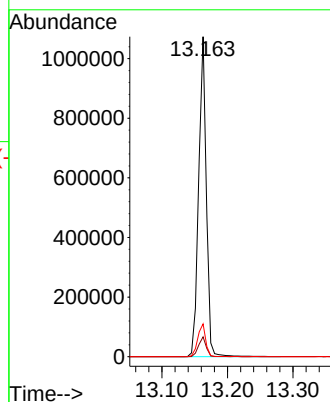
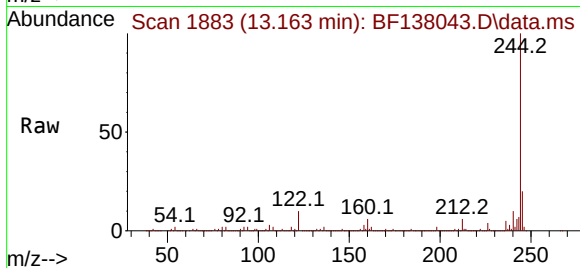
Tgt Ion:244 Resp: 873563

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

122 10.3 8.8 13.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.248 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138043.D

Acq: 28 May 2024 13:11

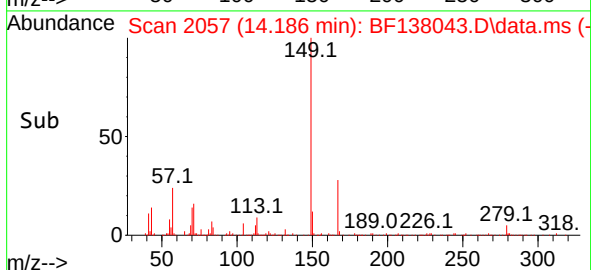
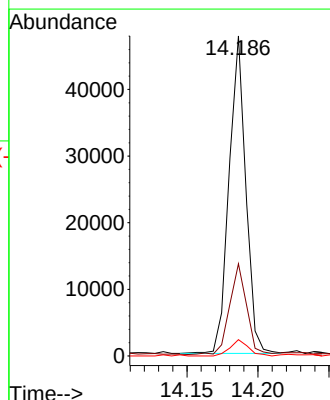
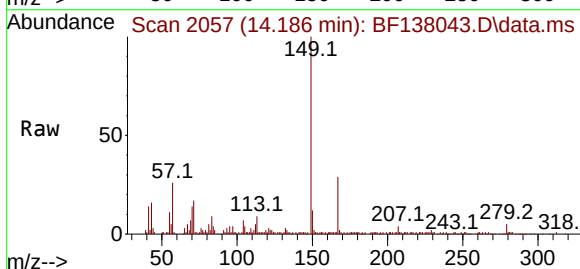
Tgt Ion:149 Resp: 39029

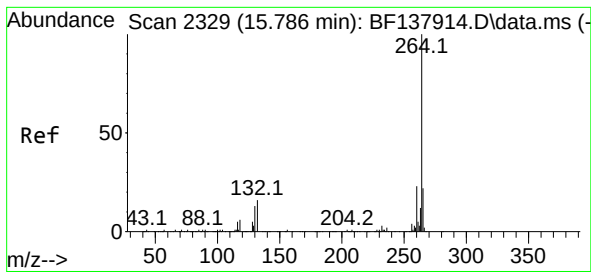
Ion Ratio Lower Upper

149 100

167 28.8 23.2 34.8

279 5.1 4.1 6.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.798 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF138043.D
 Acq: 28 May 2024 13:11

Instrument :
 BNA_F
 ClientSampleId :
 72-11933

Tgt Ion:264 Resp: 282681
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.3 17.6 26.4

