

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138048.D
 Acq On : 28 May 2024 15:38
 Operator : CG\JU
 Sample : P2615-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200035

Quant Time: May 28 15:58:42 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)

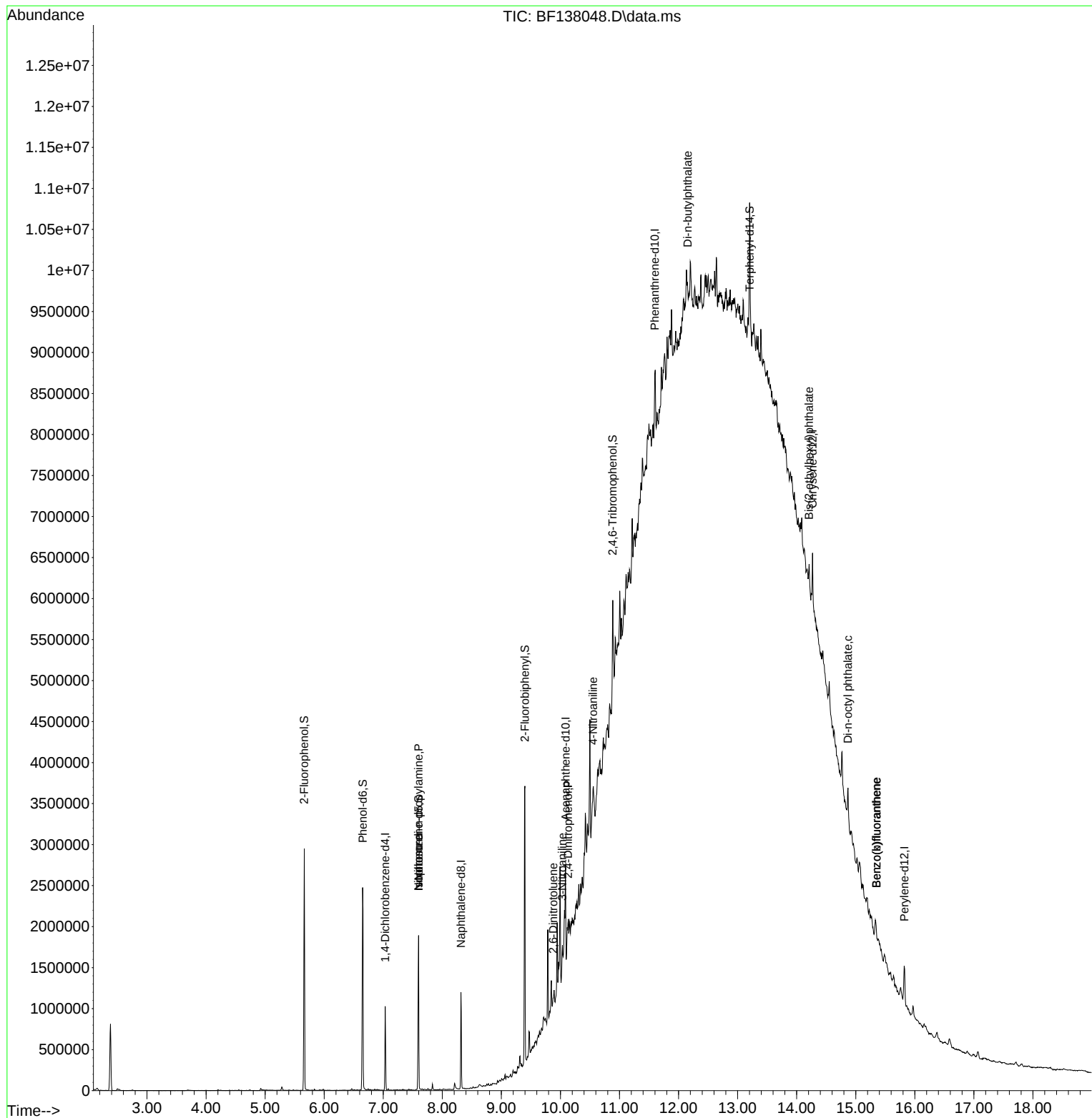
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	139835	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	502302	20.000	ng	-0.01
39) Acenaphthene-d10	10.086	164	223320	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	240789	20.000	ng	# 0.02
76) Chrysene-d12	14.268	240	244132	20.000	ng	# 0.04
86) Perylene-d12	15.821	264	211166	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	819035	99.492	ng	0.00
7) Phenol-d6	6.651	99	991730	97.797	ng	0.00
23) Nitrobenzene-d5	7.598	82	581406	68.118	ng	-0.01
42) 2,4,6-Tribromophenol	10.886	330	202255	89.822	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1152798	79.516	ng	0.00
79) Terphenyl-d14	13.204	244	888345	53.628	ng	0.04
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	76243	13.382	ng	# 73
25) Isophorone	7.598	82	581406	39.249	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	6815	2.120	ng	# 33
53) 3-Nitroaniline	10.033	138	12206	3.885	ng	# 19
54) 2,4-Dinitrophenol	10.127	184	90	7.015	ng	# 1
62) 4-Nitroaniline	10.551	138	31562	10.590	ng	88
74) Di-n-butylphthalate	12.157	149	50146	4.201	ng	# 35
84) Bis(2-ethylhexyl)phtha...	14.210	149	84140	10.393	ng	# 88
85) Di-n-octyl phthalate	14.868	149	40814	3.732	ng	# 1
88) Benzo(b)fluoranthene	15.351	252	26412	2.160	ng	# 1
89) Benzo(k)fluoranthene	15.351	252	26412	2.199	ng	# 1

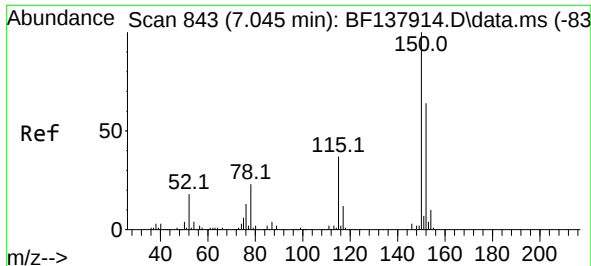
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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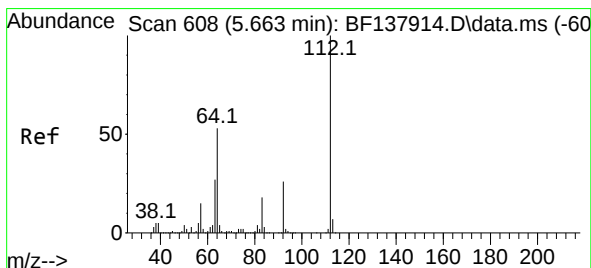
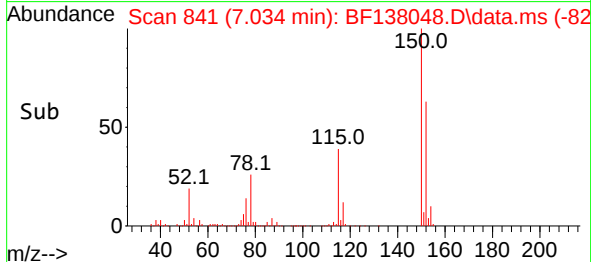
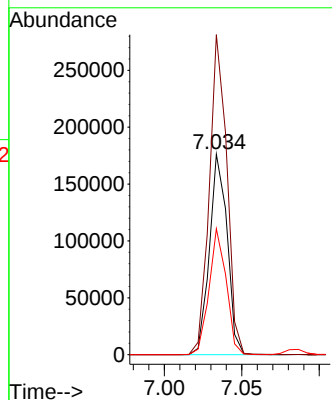
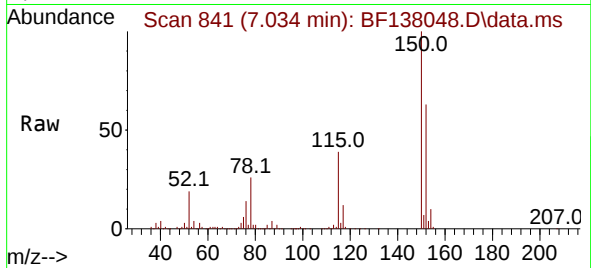




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.034 min Scan# 843
 Delta R.T. -0.011 min
 Lab File: BF138048.D
 Acq: 28 May 2024 15:38

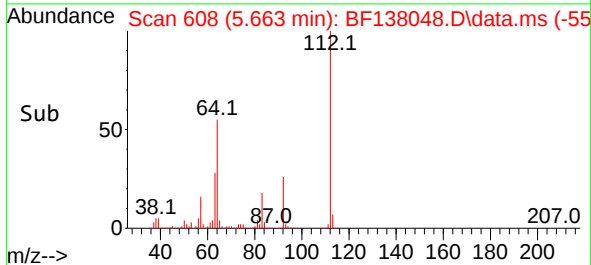
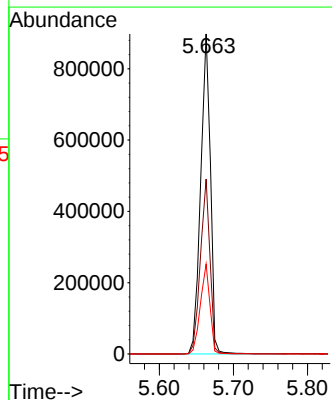
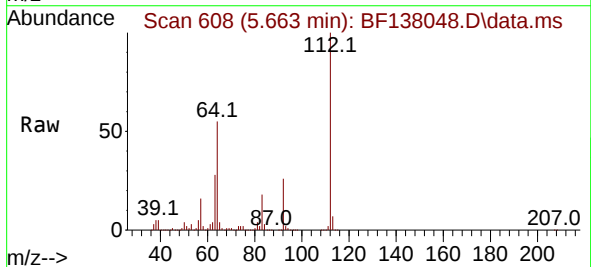
Instrument :
 BNA_F
 ClientSampleId :
 RBR200035

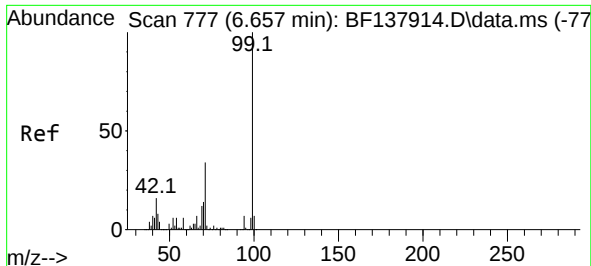
Tgt Ion:152 Resp: 139835
 Ion Ratio Lower Upper
 152 100
 150 159.6 125.7 188.5
 115 62.8 47.0 70.6



#5
 2-Fluorophenol
 Concen: 99.492 ng
 RT: 5.663 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: BF138048.D
 Acq: 28 May 2024 15:38

Tgt Ion:112 Resp: 819035
 Ion Ratio Lower Upper
 112 100
 64 54.6 42.4 63.6
 63 28.1 21.4 32.2





#7
Phenol-d6
Concen: 97.797 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

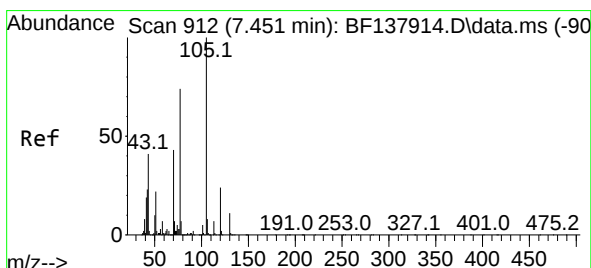
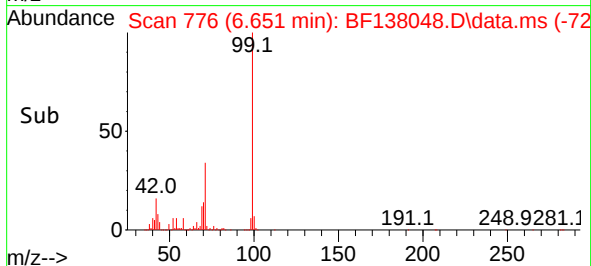
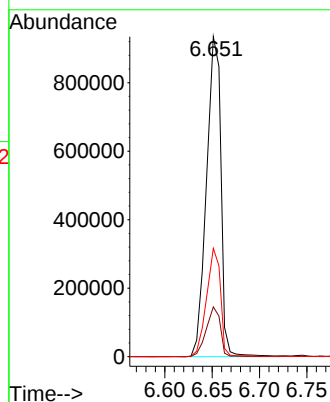
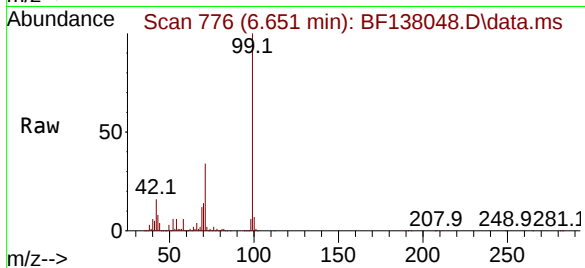
Instrument :

BNA_F

ClientSampleId :

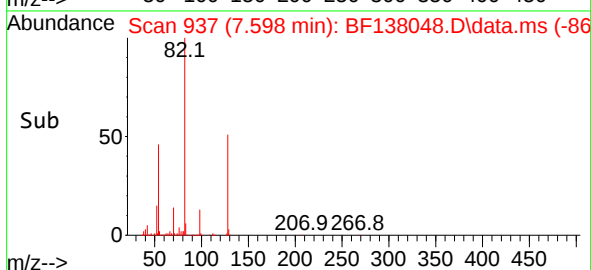
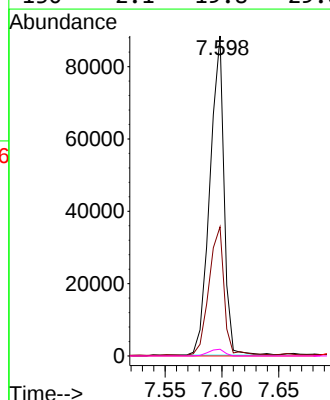
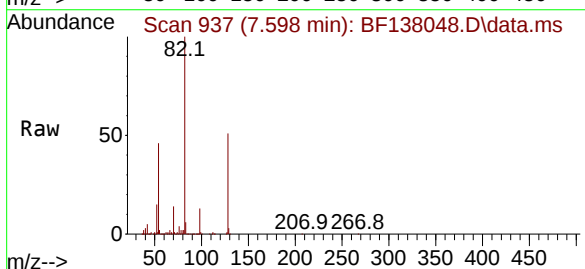
RBR200035

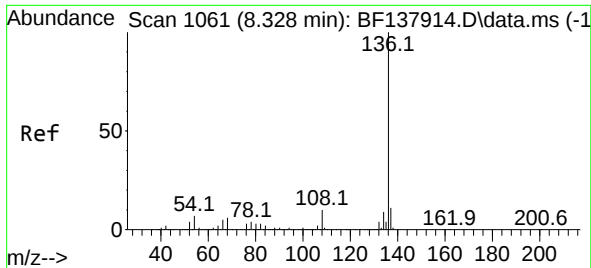
Tgt Ion: 99 Resp: 991730
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.9 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.382 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

Tgt Ion: 70 Resp: 76243
Ion Ratio Lower Upper
70 100
42 40.4 42.2 63.4#
101 0.0 8.8 13.2#
130 2.1 19.8 29.8#

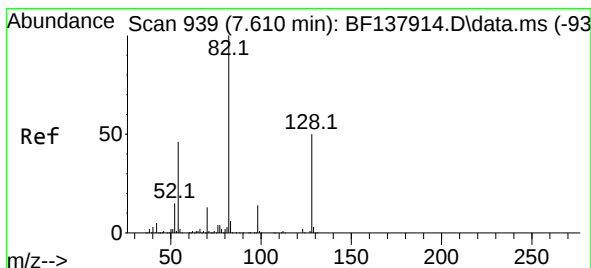
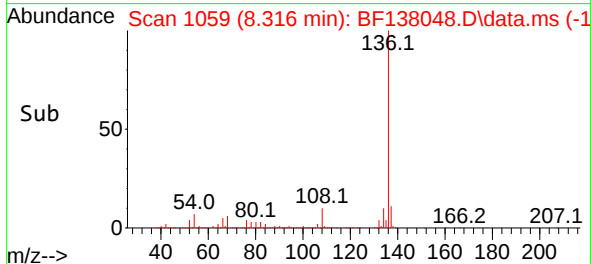
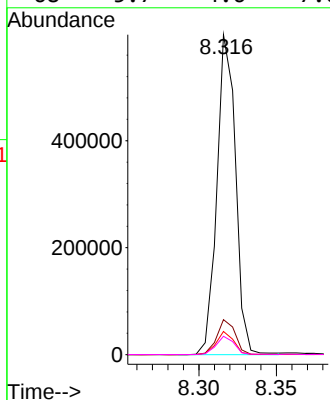
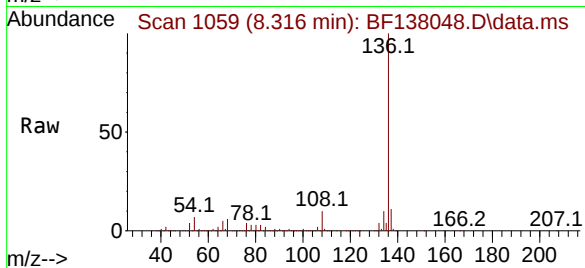




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

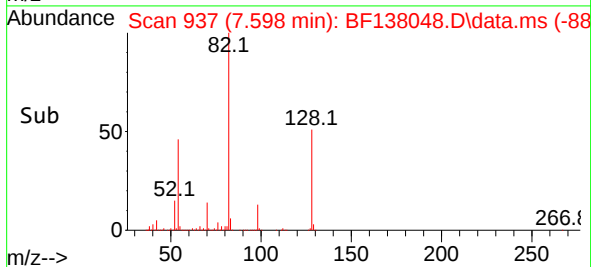
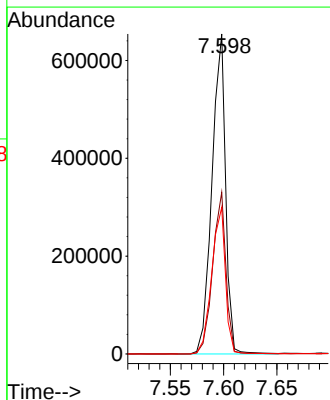
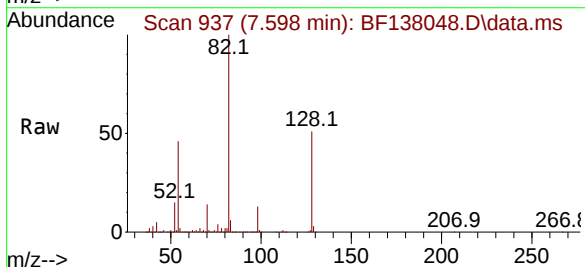
Instrument :
BNA_F
ClientSampleId :
RBR200035

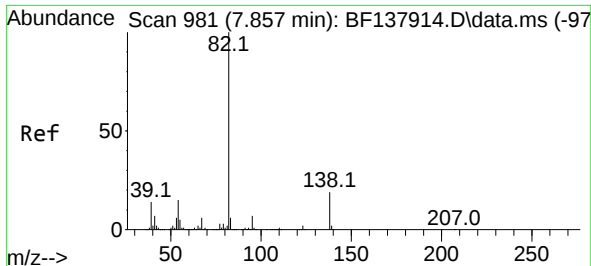
Tgt Ion:136	Resp: 502302
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 7.3	5.4 8.2
68 5.7	4.6 7.0



#23
Nitrobenzene-d5
Concen: 68.118 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

Tgt Ion: 82	Resp: 581406
Ion Ratio	Lower Upper
82 100	
128 50.5	40.3 60.5
54 45.8	36.8 55.2

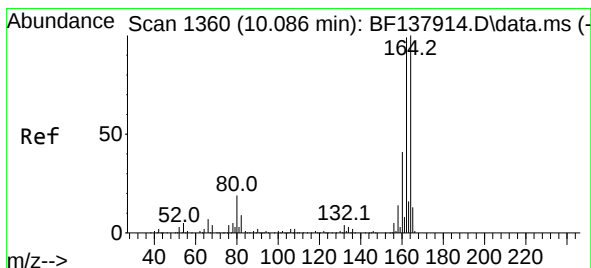
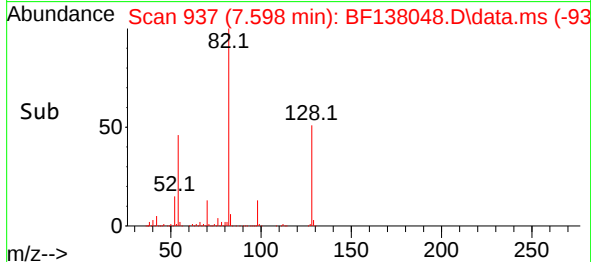
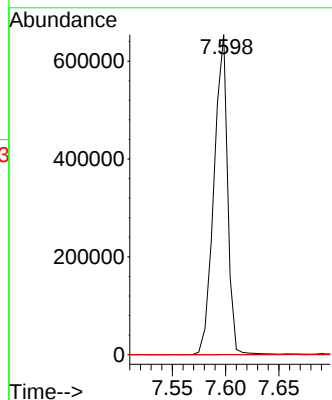
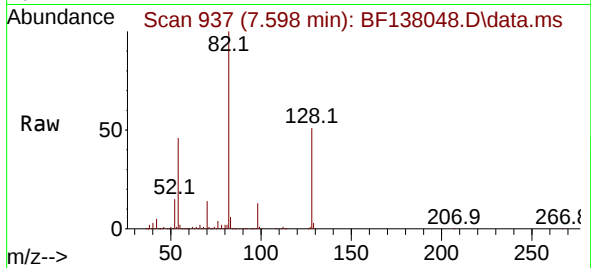




#25
Isophorone
Concen: 39.249 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

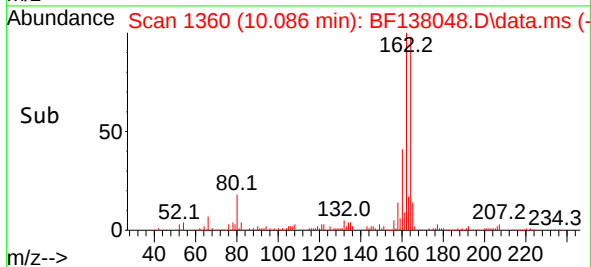
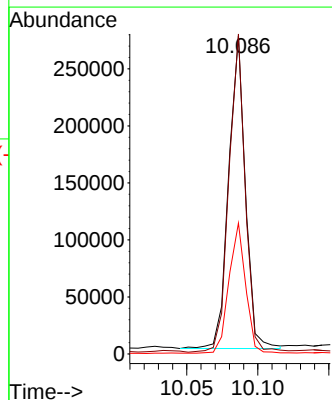
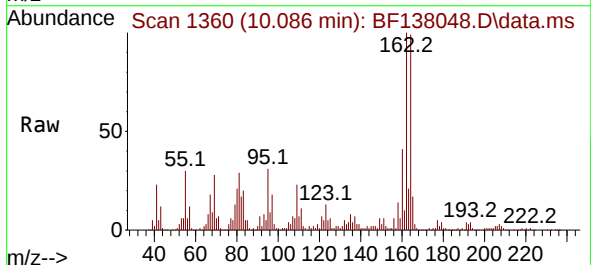
Instrument :
BNA_F
ClientSampleId :
RBR200035

Tgt Ion: 82 Resp: 581406
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

Tgt Ion:164 Resp: 223320
Ion Ratio Lower Upper
164 100
162 100.6 79.4 119.2
160 41.2 33.1 49.7

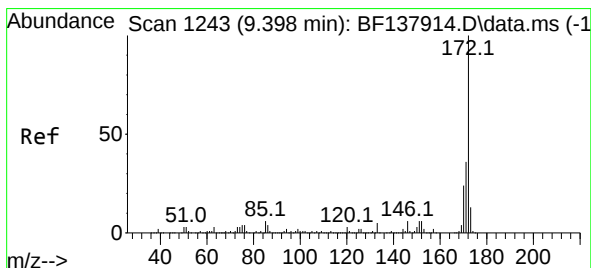
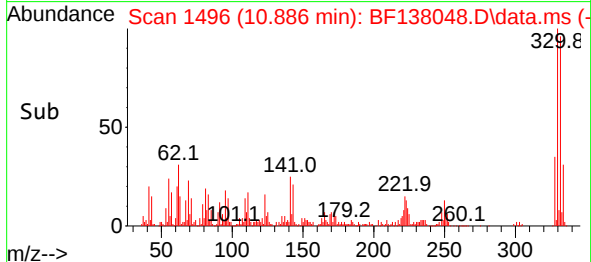
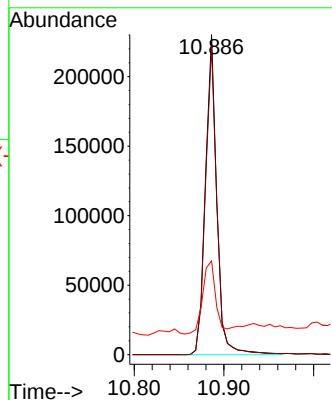
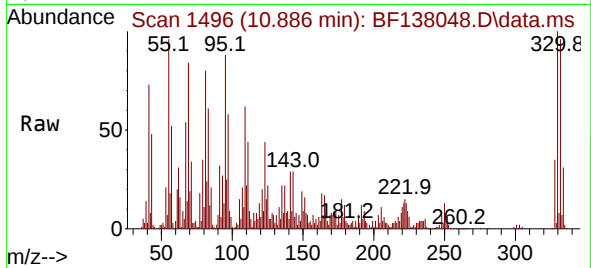




#42
 2,4,6-Tribromophenol
 Concen: 89.822 ng
 RT: 10.886 min Scan# 1496
 Delta R.T. 0.006 min
 Lab File: BF138048.D
 Acq: 28 May 2024 15:38

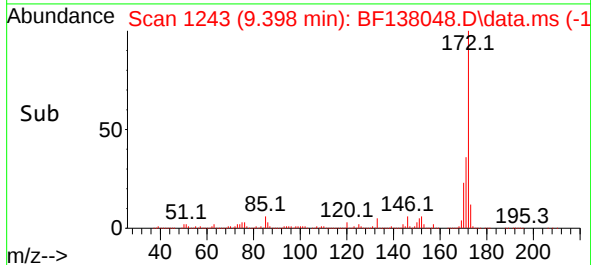
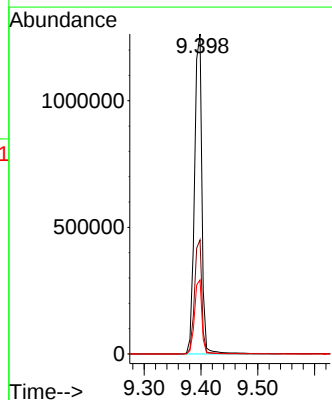
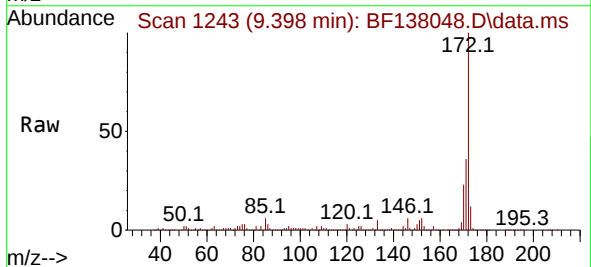
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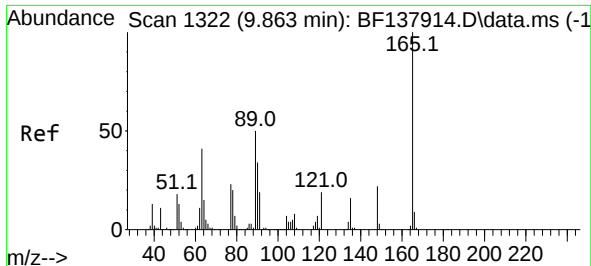
Tgt Ion:330 Resp: 202255
 Ion Ratio Lower Upper
 330 100
 332 97.8 75.8 113.8
 141 26.3 23.8 35.6



#45
 2-Fluorobiphenyl
 Concen: 79.516 ng
 RT: 9.398 min Scan# 1243
 Delta R.T. 0.000 min
 Lab File: BF138048.D
 Acq: 28 May 2024 15:38

Tgt Ion:172 Resp: 1152798
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.9 43.3
 170 23.2 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 2.120 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

RBR200035

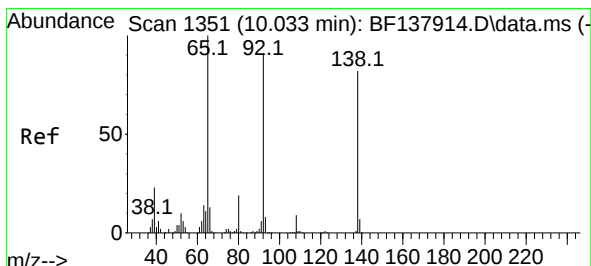
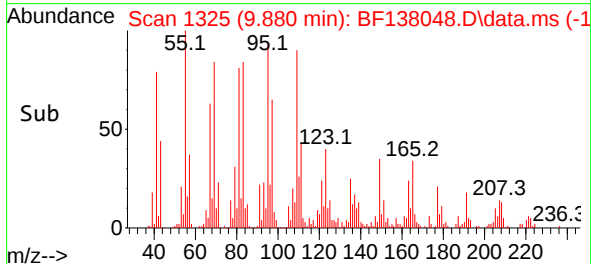
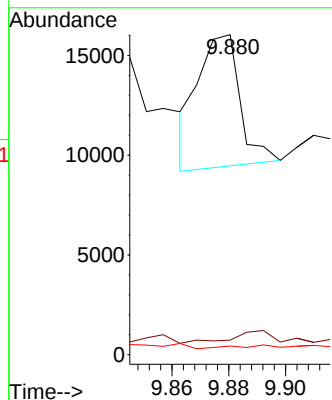
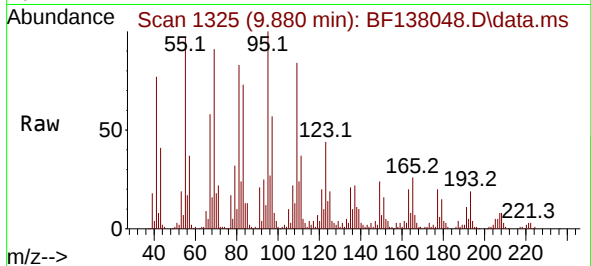
Tgt Ion:165 Resp: 6815

Ion Ratio Lower Upper

165 100

63 4.6 38.9 58.3#

89 2.7 40.4 60.6#



#53

3-Nitroaniline

Concen: 3.885 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

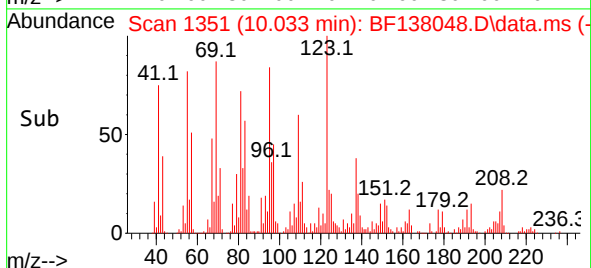
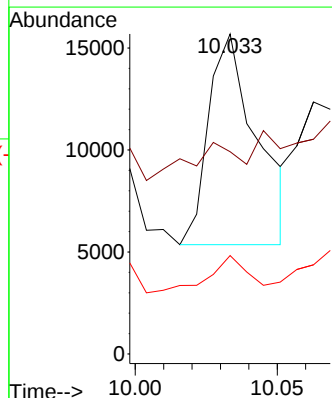
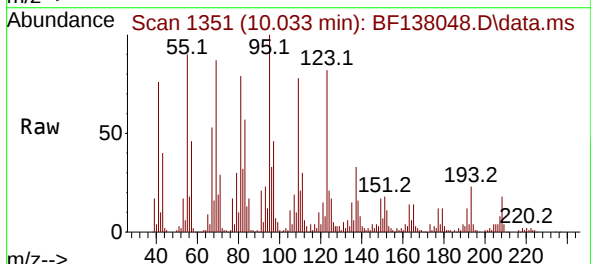
Tgt Ion:138 Resp: 12206

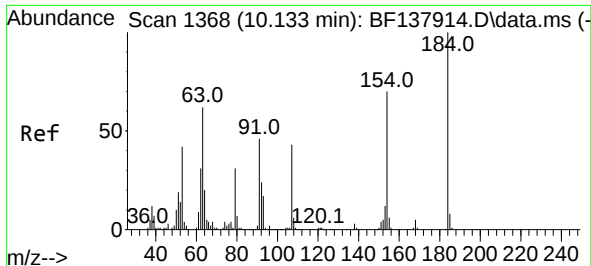
Ion Ratio Lower Upper

138 100

108 63.2 8.8 13.2#

92 30.8 88.6 133.0#

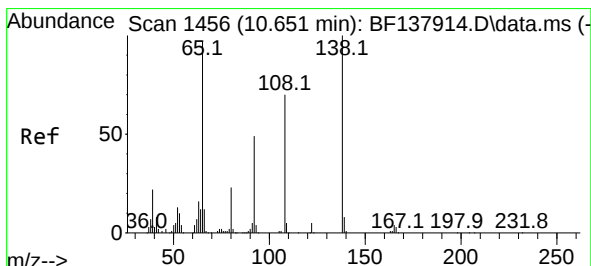
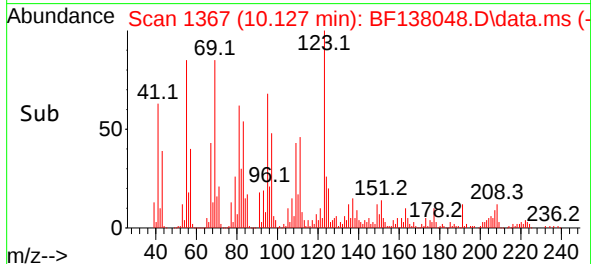
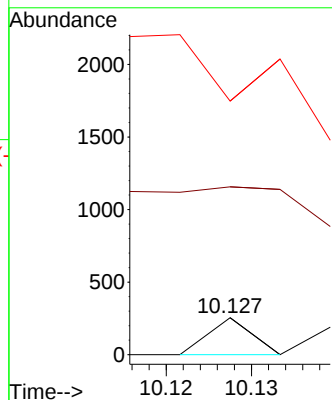
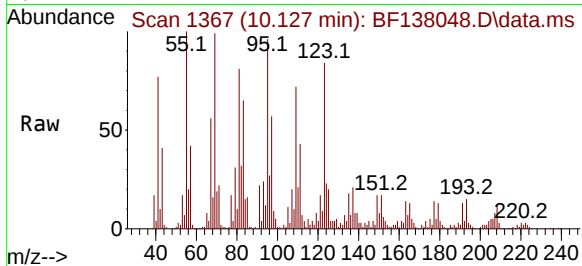




#54
2,4-Dinitrophenol
Concen: 7.015 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

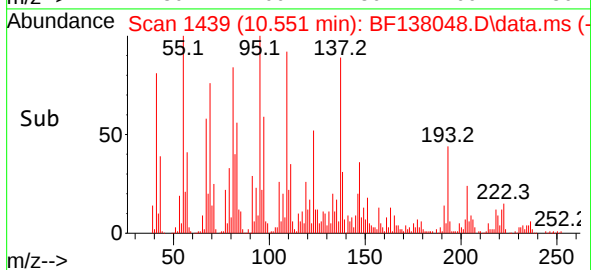
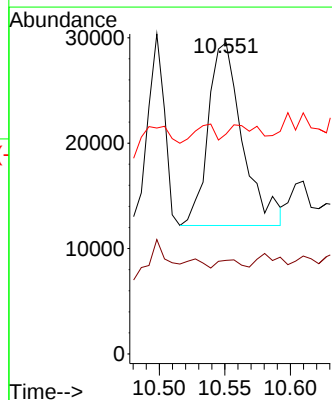
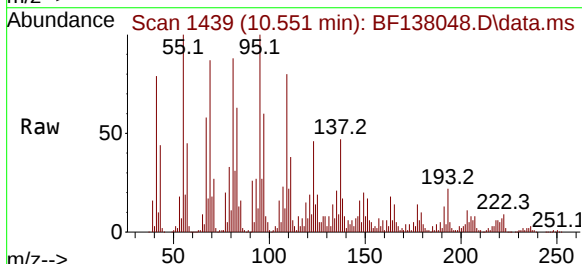
Instrument :
BNA_F
ClientSampleId :
RBR200035

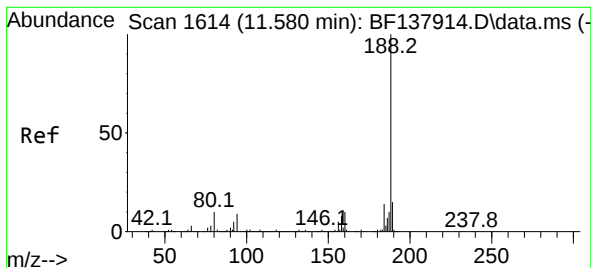
Tgt Ion:184 Resp: 90
Ion Ratio Lower Upper
184 100
63 453.7 50.4 75.6#
154 685.5 63.7 95.5#



#62
4-Nitroaniline
Concen: 10.590 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.100 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

Tgt Ion:138 Resp: 31562
Ion Ratio Lower Upper
138 100
92 30.1 29.0 69.0
108 70.7 49.7 89.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

RBR200035

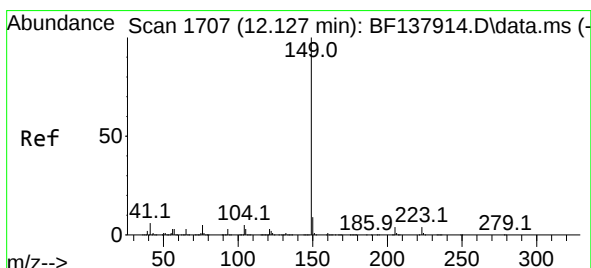
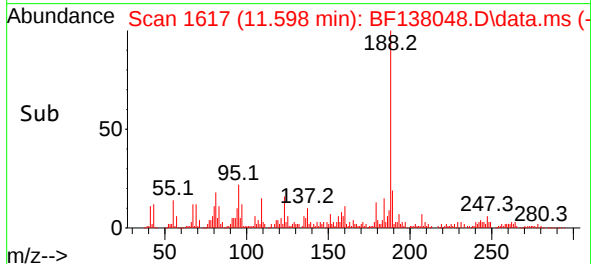
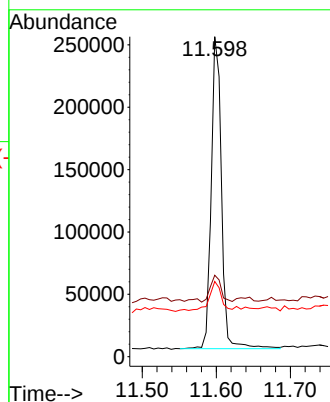
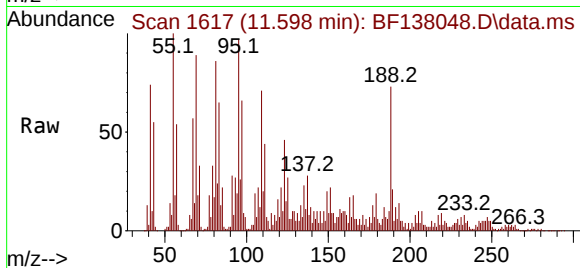
Tgt Ion:188 Resp: 240789

Ion Ratio Lower Upper

188 100

94 25.5 7.0 10.4#

80 23.5 7.7 11.5#



#74

Di-n-butylphthalate

Concen: 4.201 ng

RT: 12.157 min Scan# 1712

Delta R.T. 0.029 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

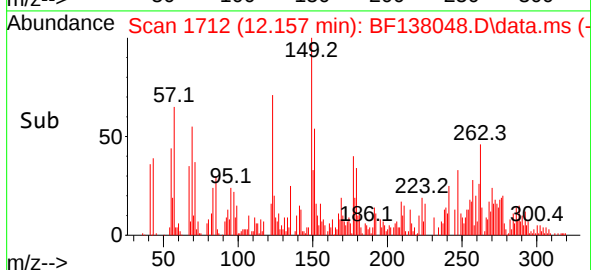
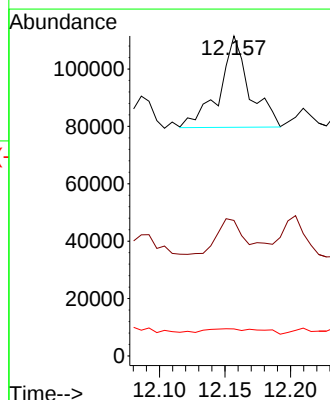
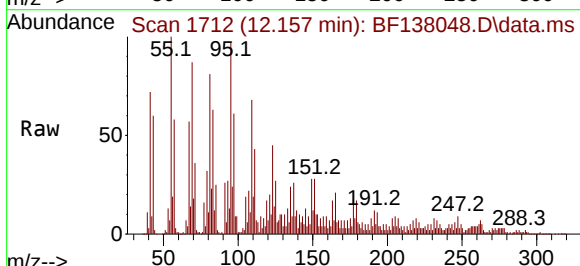
Tgt Ion:149 Resp: 50146

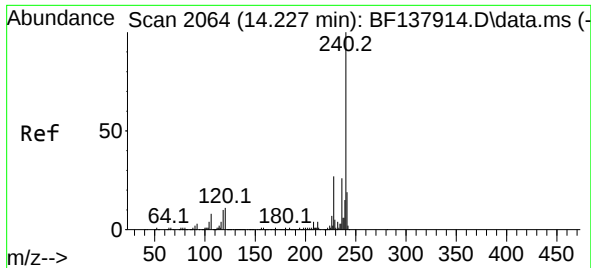
Ion Ratio Lower Upper

149 100

150 42.4 7.4 11.2#

104 8.4 3.6 5.4#

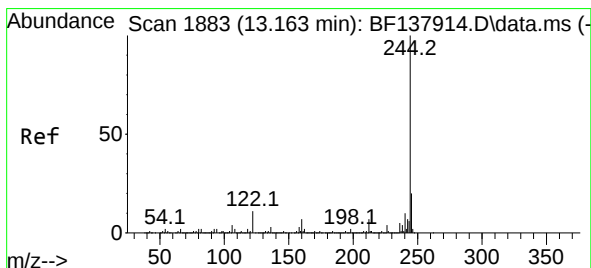
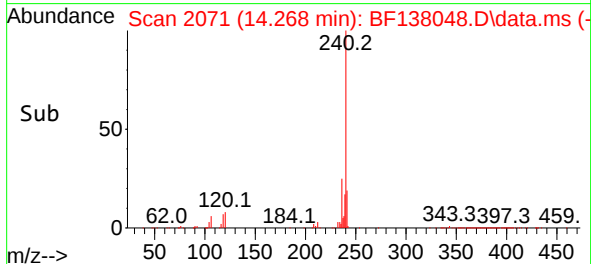
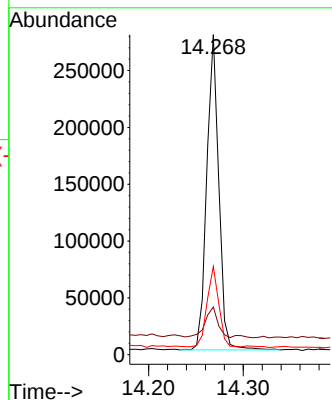
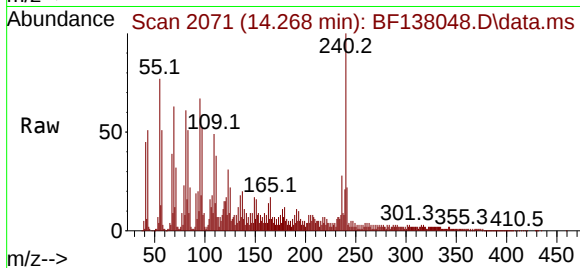




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.268 min Scan# 2064
Delta R.T. 0.041 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

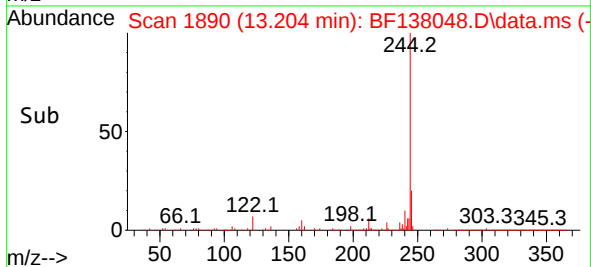
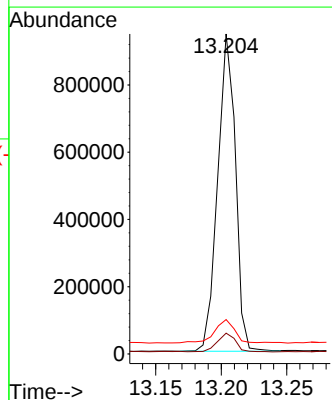
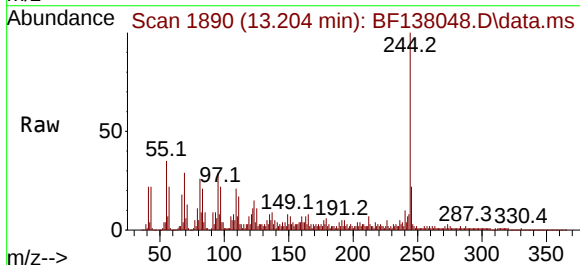
Instrument :
BNA_F
ClientSampleId :
RBR200035

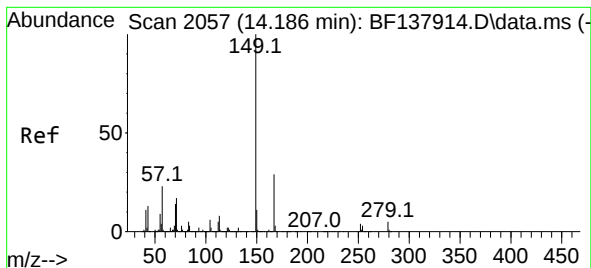
Tgt Ion:240 Resp: 244132
Ion Ratio Lower Upper
240 100
120 14.9 8.9 13.3#
236 27.6 21.0 31.4



#79
Terphenyl-d14
Concen: 53.628 ng
RT: 13.204 min Scan# 1890
Delta R.T. 0.041 min
Lab File: BF138048.D
Acq: 28 May 2024 15:38

Tgt Ion:244 Resp: 888345
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.8 8.8 13.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.393 ng

RT: 14.210 min Scan# 2057

Delta R.T. 0.024 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

RBR200035

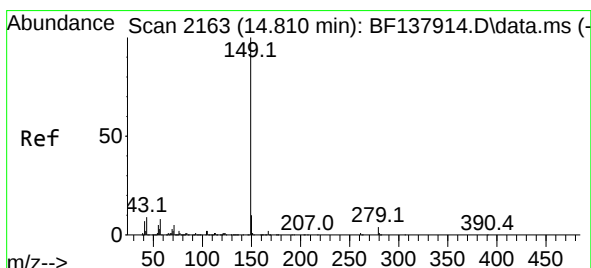
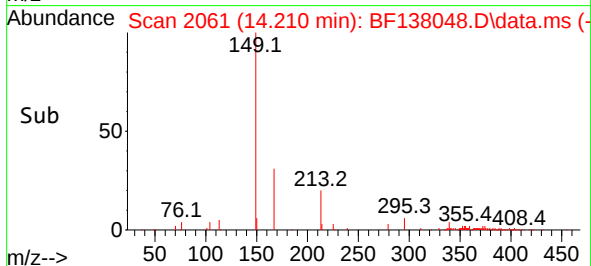
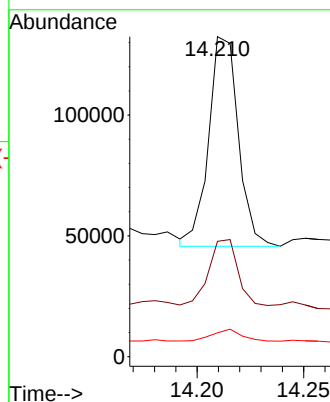
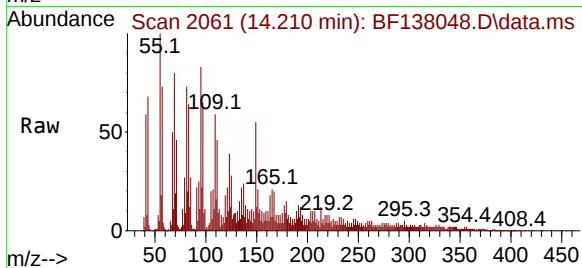
Tgt Ion:149 Resp: 84140

Ion Ratio Lower Upper

149 100

167 36.1 23.2 34.8#

279 7.5 4.1 6.1#



#85

Di-n-octyl phthalate

Concen: 3.732 ng

RT: 14.868 min Scan# 2173

Delta R.T. 0.059 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

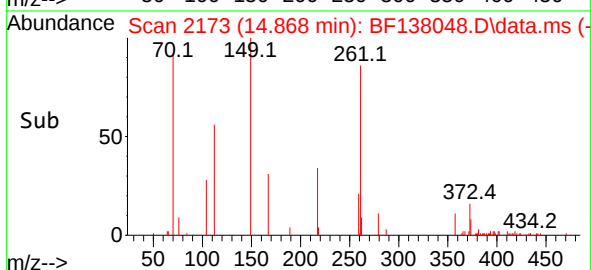
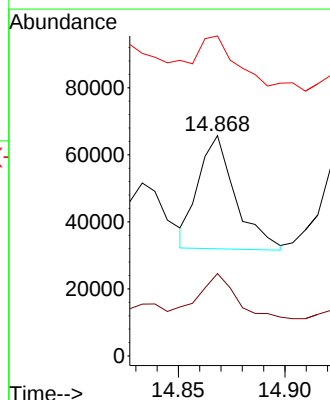
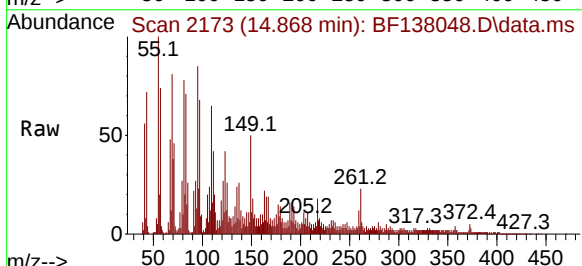
Tgt Ion:149 Resp: 40814

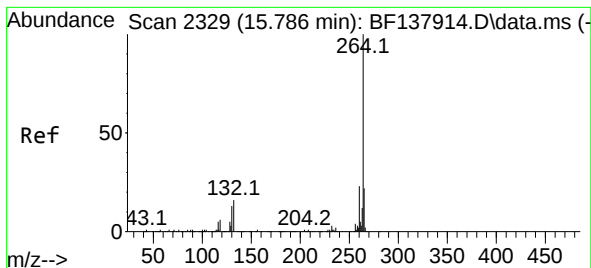
Ion Ratio Lower Upper

149 100

167 40.4 1.4 2.0#

43 51.4 6.6 9.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

RBR200035

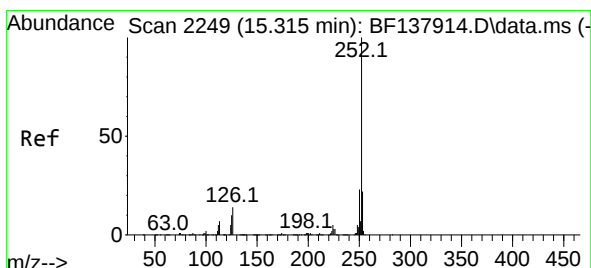
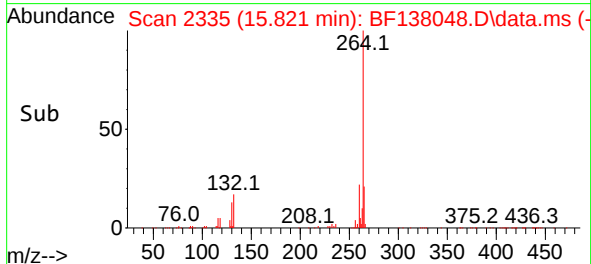
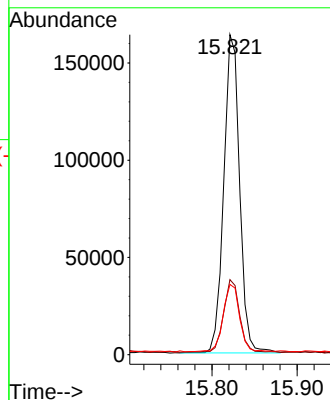
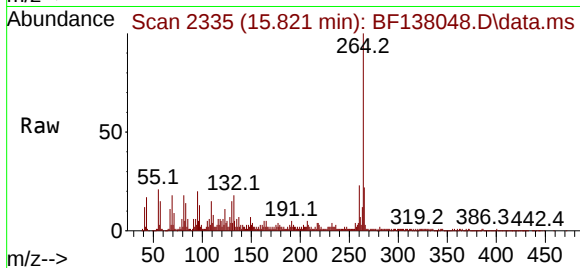
Tgt Ion:264 Resp: 211166

Ion Ratio Lower Upper

264 100

260 23.4 18.3 27.5

265 21.9 17.6 26.4



#88

Benzo(b)fluoranthene

Concen: 2.160 ng

RT: 15.351 min Scan# 2255

Delta R.T. 0.035 min

Lab File: BF138048.D

Acq: 28 May 2024 15:38

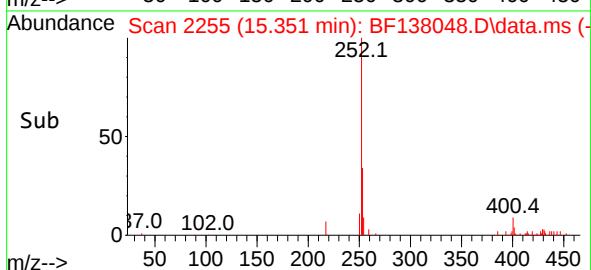
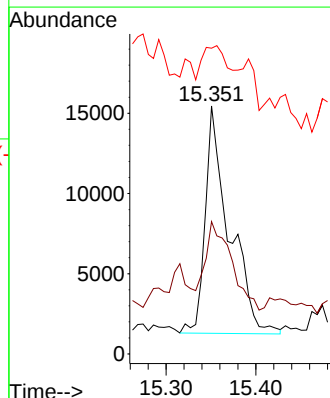
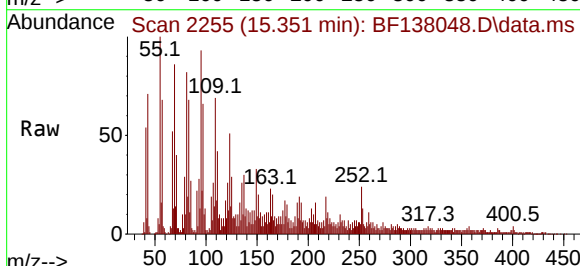
Tgt Ion:252 Resp: 26412

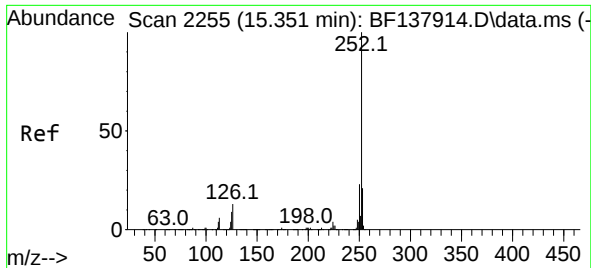
Ion Ratio Lower Upper

252 100

253 53.3 17.6 26.4#

125 123.3 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 2.199 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138048.D

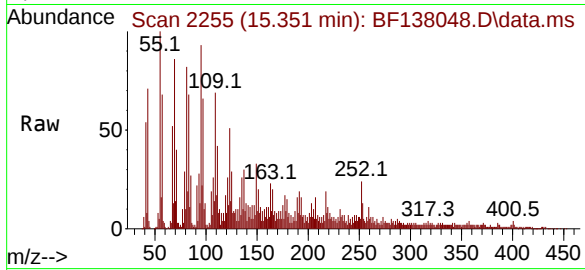
Acq: 28 May 2024 15:38

Instrument :

BNA_F

ClientSampleId :

RBR200035



Tgt Ion:252 Resp: 26412

Ion Ratio Lower Upper

252 100

253 53.3 17.4 26.0#

125 123.3 7.7 11.5#

