

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
 Data File : BF138050.D
 Acq On : 28 May 2024 16:38
 Operator : CG\JU
 Sample : P2612-07 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200057

Quant Time: May 28 17:25:10 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)

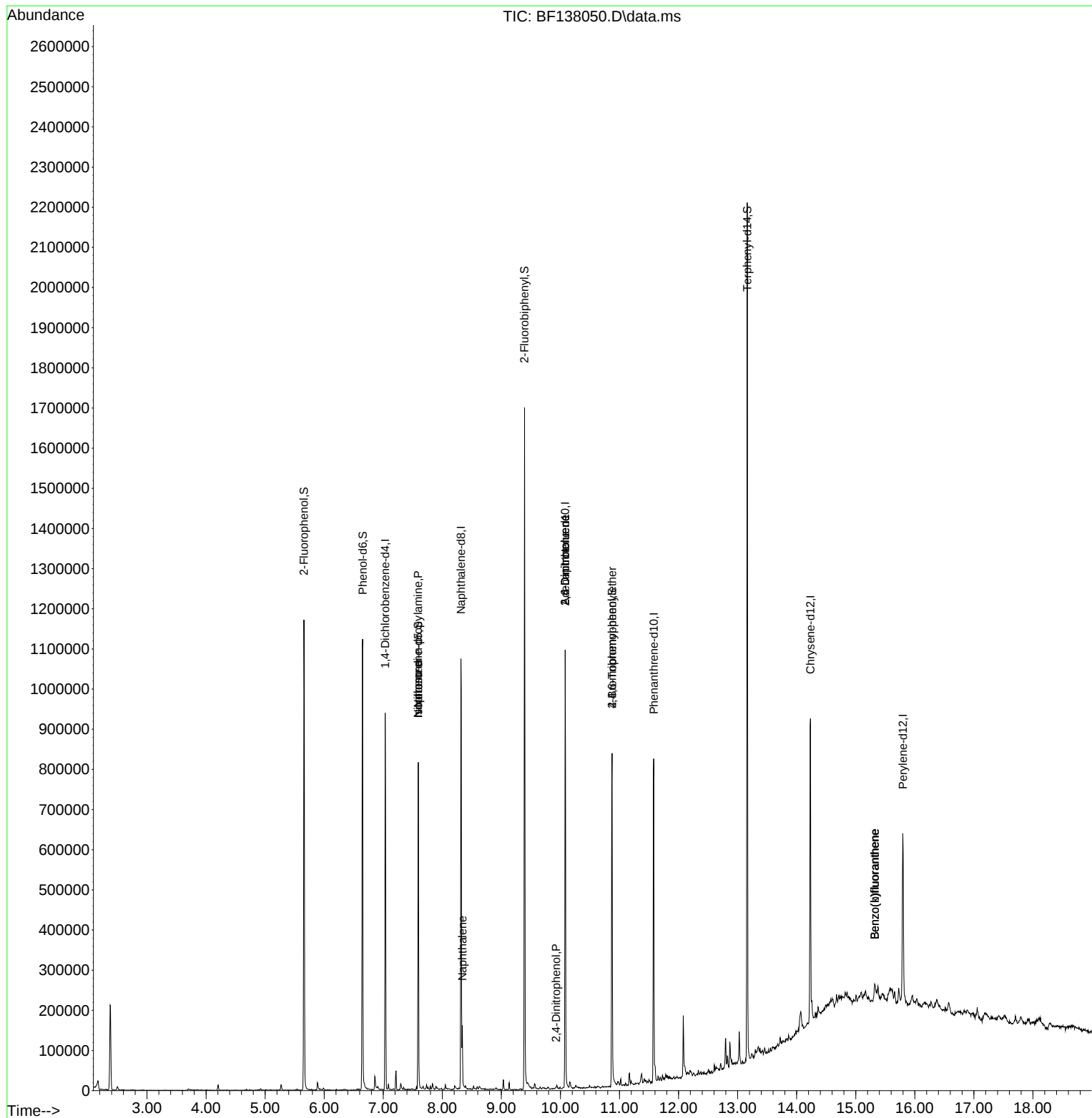
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	136474	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	490895	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	224391	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	318385	20.000	ng	0.00
76) Chrysene-d12	14.233	240	270922	20.000	ng	0.00
86) Perylene-d12	15.798	264	205602	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	334272	41.606	ng	0.00
7) Phenol-d6	6.651	99	411114	41.539	ng	0.00
23) Nitrobenzene-d5	7.592	82	232013	27.815	ng	-0.02
42) 2,4,6-Tribromophenol	10.874	330	115560	51.076	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	500751	34.375	ng	0.00
79) Terphenyl-d14	13.163	244	694576	37.785	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.592	70	29989	5.393	ng	# 75
25) Isophorone	7.592	82	232013	16.026	ng	# 64
31) Naphthalene	8.339	128	56629	2.294	ng	# 99
51) 2,6-Dinitrotoluene	10.080	165	29148	9.026	ng	# 30
54) 2,4-Dinitrophenol	9.927	184	107	7.024	ng	# 14
57) 2,4-Dinitrotoluene	10.080	165	29148	6.982	ng	# 34
67) 4-Bromophenyl-phenylether	10.874	248	8071	2.312	ng	# 1
88) Benzo(b)fluoranthene	15.321	252	28942	2.431	ng	# 85
89) Benzo(k)fluoranthene	15.321	252	28942	2.475	ng	# 85

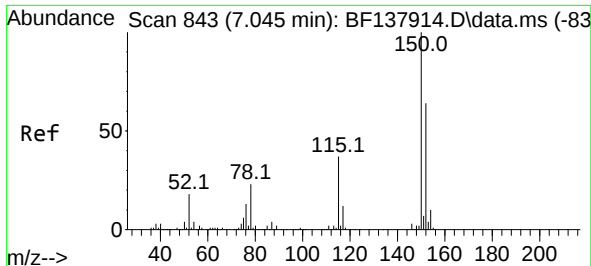
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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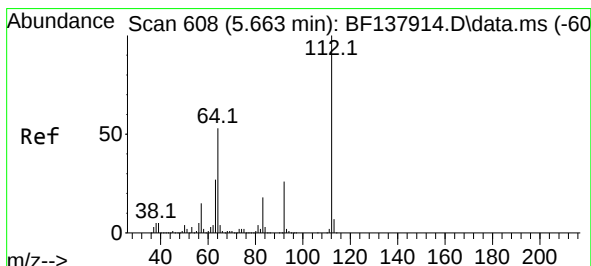
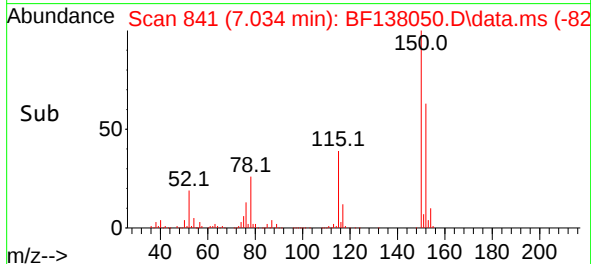
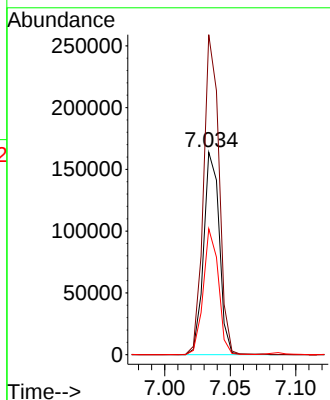
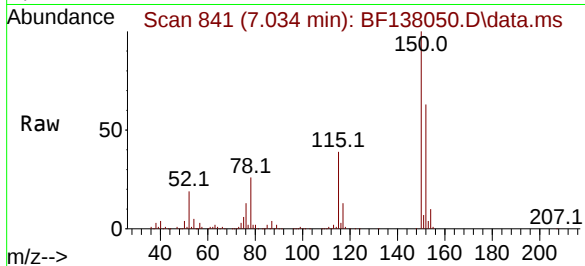




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

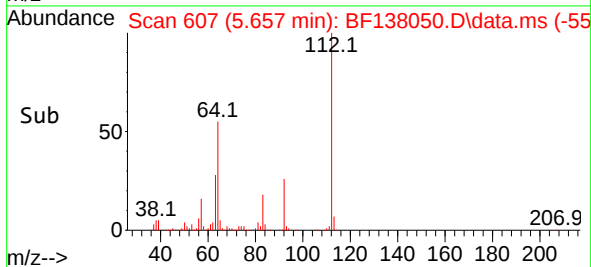
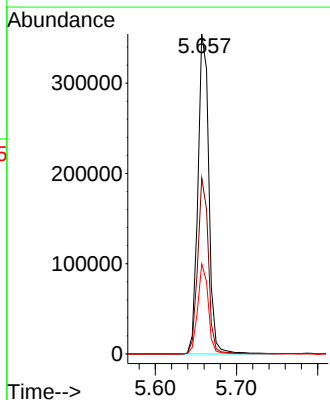
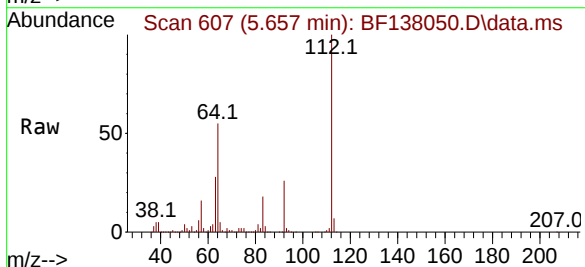
Instrument :
BNA_F
ClientSampleId :
RBR200057

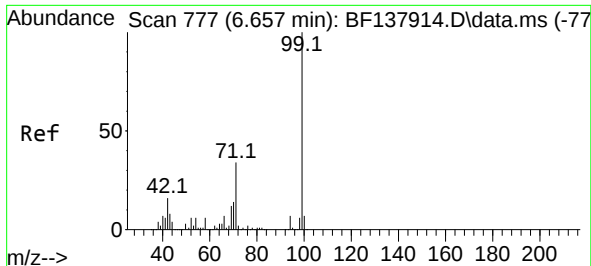
Tgt Ion:152 Resp: 136474
Ion Ratio Lower Upper
152 100
150 158.1 125.7 188.5
115 62.2 47.0 70.6



#5
2-Fluorophenol
Concen: 41.606 ng
RT: 5.657 min Scan# 607
Delta R.T. -0.006 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

Tgt Ion:112 Resp: 334272
Ion Ratio Lower Upper
112 100
64 55.0 42.4 63.6
63 28.1 21.4 32.2

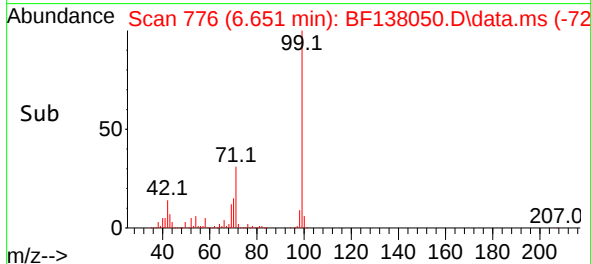
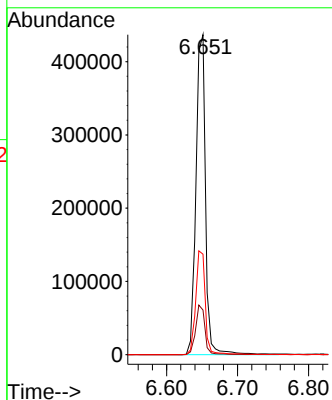
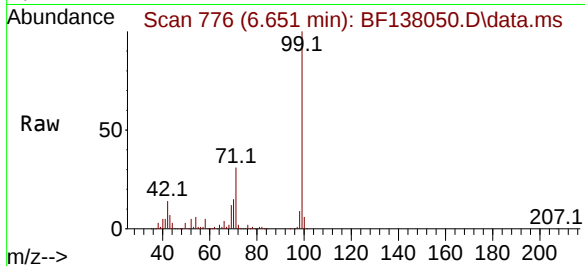




#7
Phenol-d6
Concen: 41.539 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

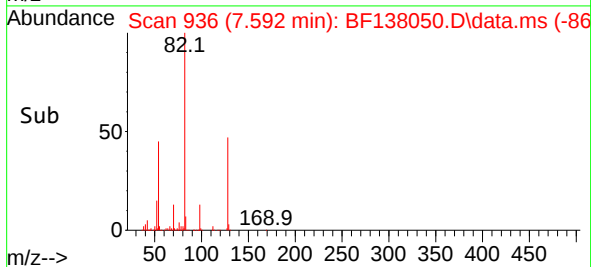
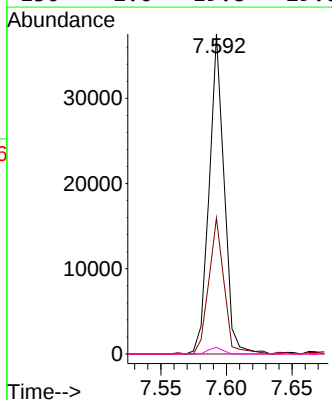
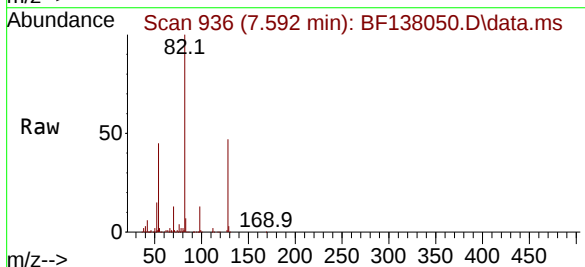
Instrument :
BNA_F
ClientSampleId :
RBR200057

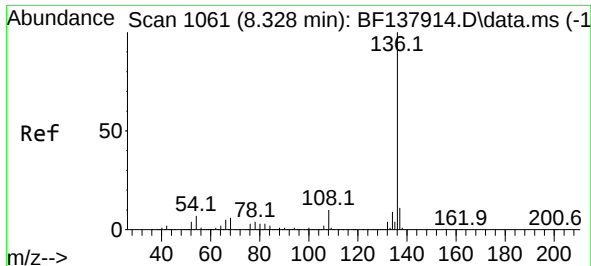
Tgt Ion: 99 Resp: 411114
Ion Ratio Lower Upper
99 100
42 13.9 12.6 18.8
71 31.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 5.393 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

Tgt Ion: 70 Resp: 29989
Ion Ratio Lower Upper
70 100
42 42.5 42.2 63.4
101 0.0 8.8 13.2#
130 2.0 19.8 29.8#



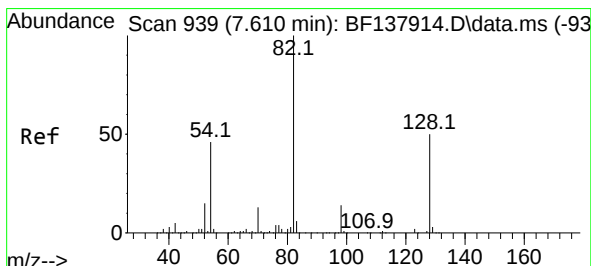
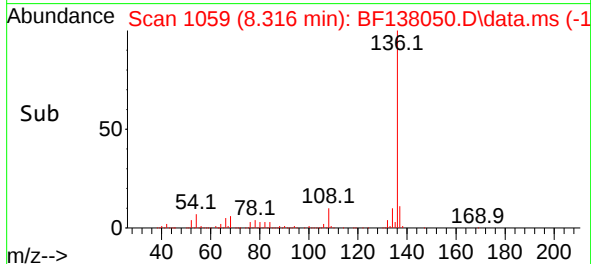
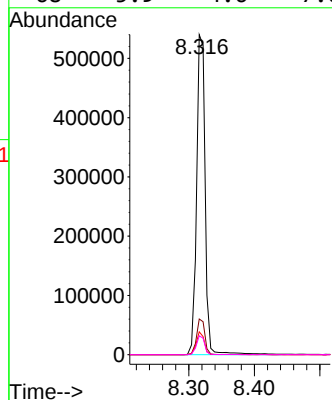
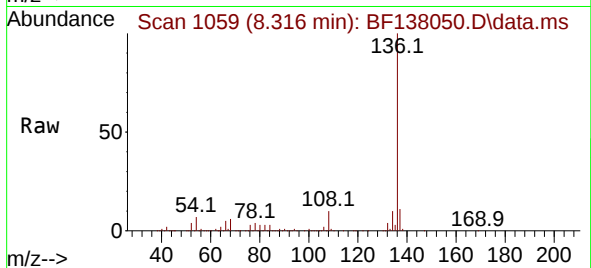


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

Instrument :
BNA_F
ClientSampleId :
RBR200057

Tgt Ion:136 Resp: 490895

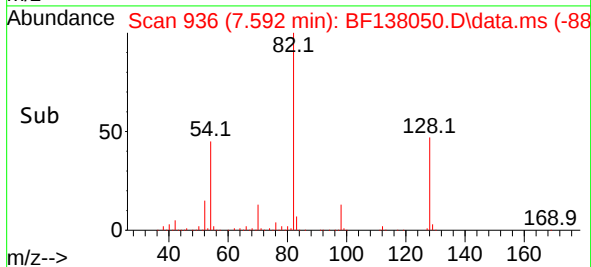
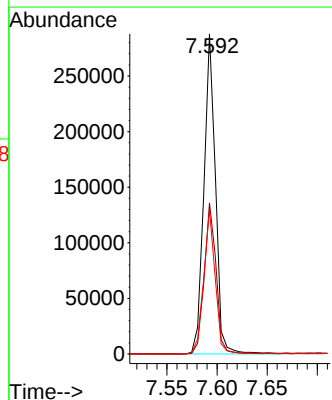
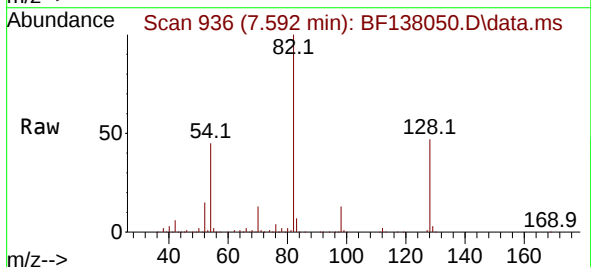
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.2	5.4	8.2
68	5.9	4.6	7.0



#23
Nitrobenzene-d5
Concen: 27.815 ng
RT: 7.592 min Scan# 936
Delta R.T. -0.018 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

Tgt Ion: 82 Resp: 232013

Ion	Ratio	Lower	Upper
82	100		
128	47.2	40.3	60.5
54	45.3	36.8	55.2

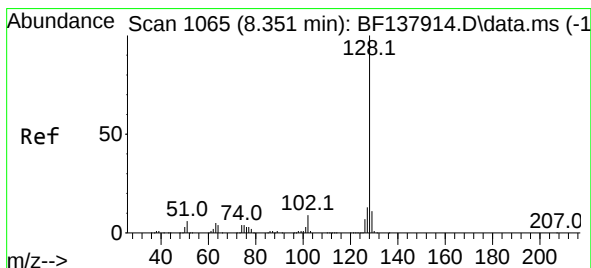
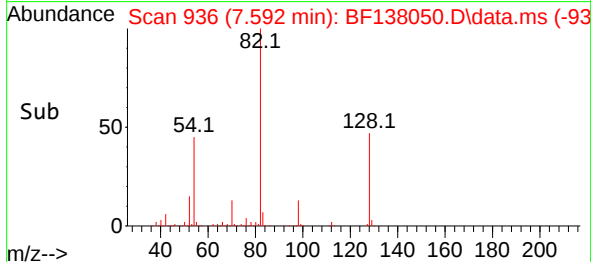
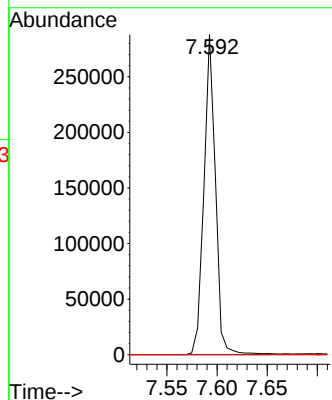
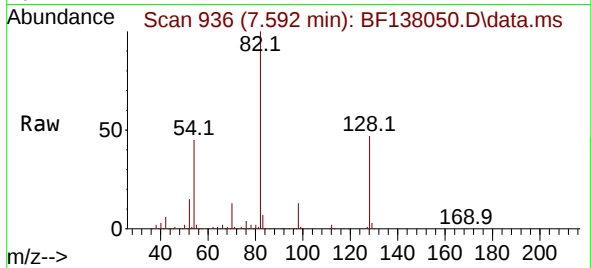




#25
Isophorone
Concen: 16.026 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

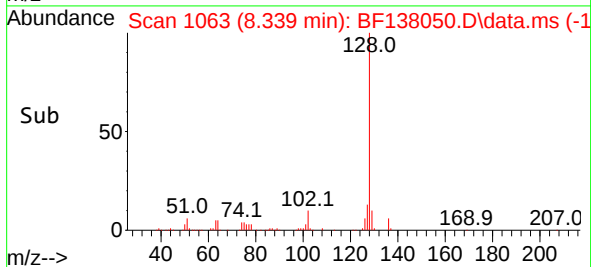
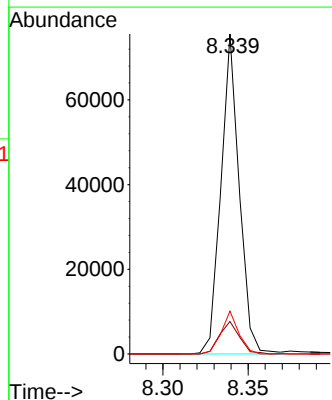
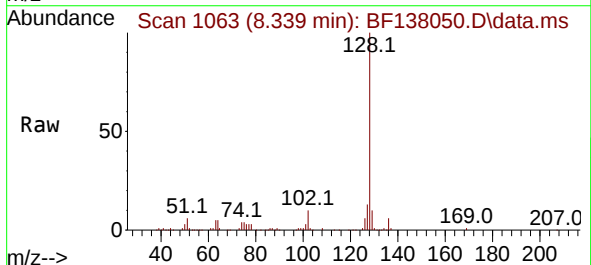
Instrument :
BNA_F
ClientSampleId :
RBR200057

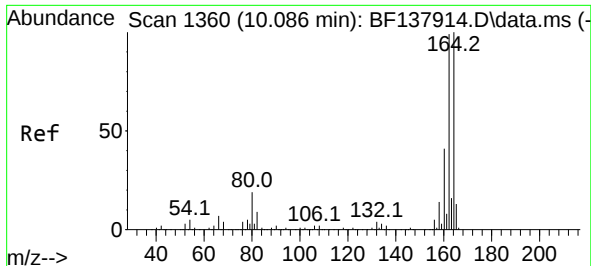
Tgt Ion: 82 Resp: 232013
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#31
Naphthalene
Concen: 2.294 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.012 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

Tgt Ion:128 Resp: 56629
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 13.4 10.6 16.0

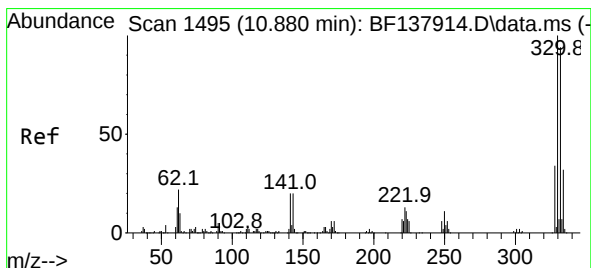
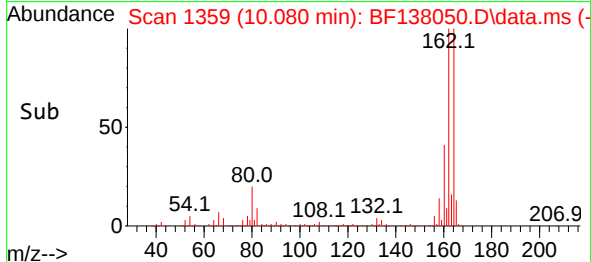
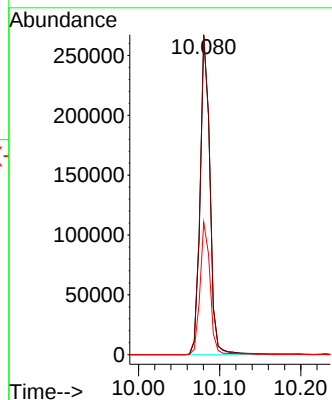
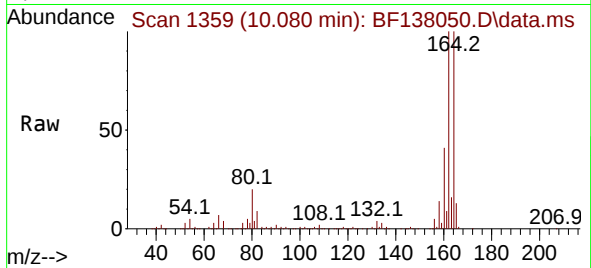




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

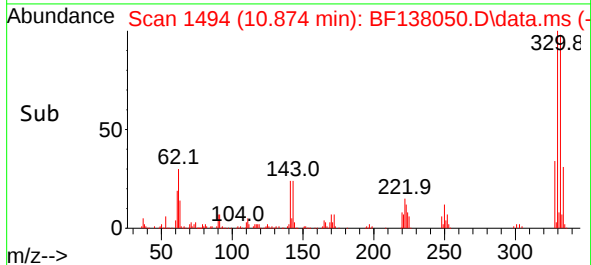
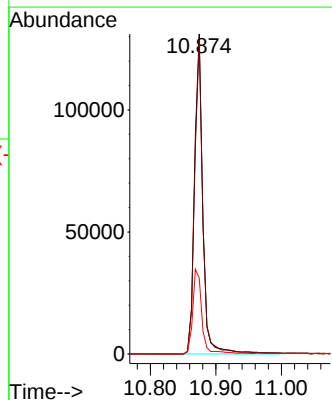
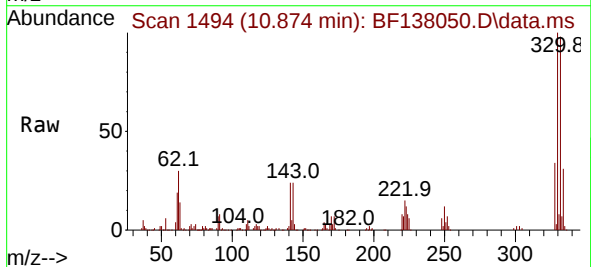
Instrument :
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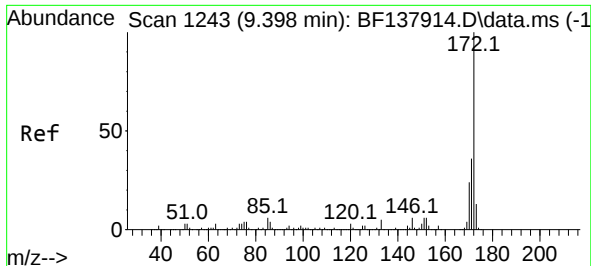
Tgt Ion:164 Resp: 224391
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 41.5 33.1 49.7



#42
2,4,6-Tribromophenol
Concen: 51.076 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

Tgt Ion:330 Resp: 115560
Ion Ratio Lower Upper
330 100
332 97.6 75.8 113.8
141 29.4 23.8 35.6

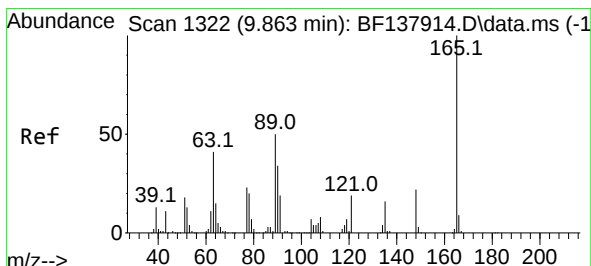
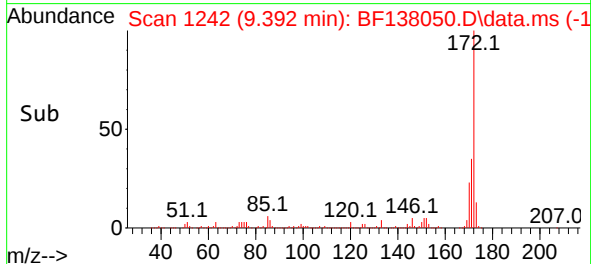
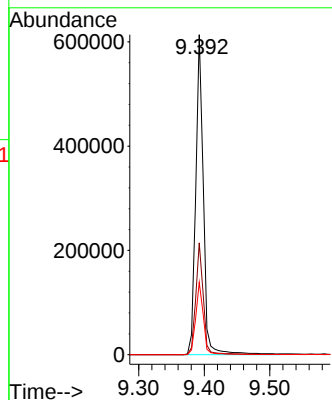
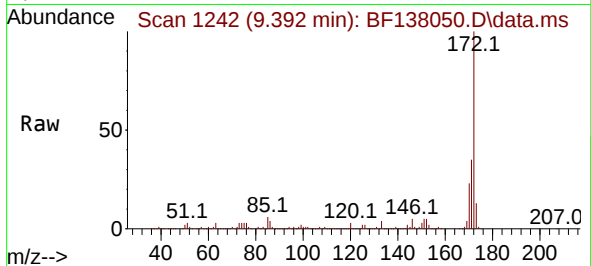




#45
2-Fluorobiphenyl
Concen: 34.375 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

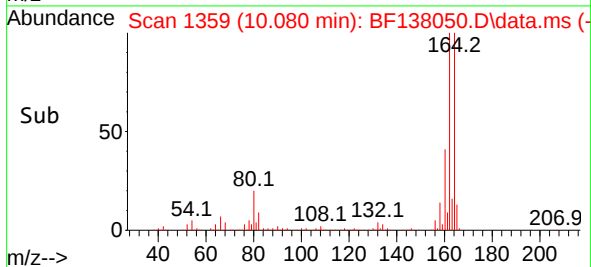
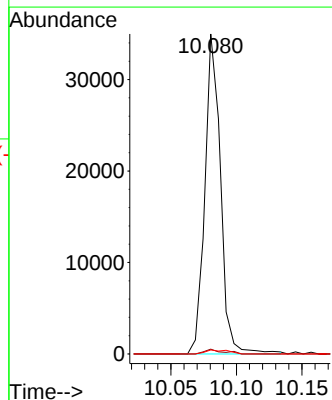
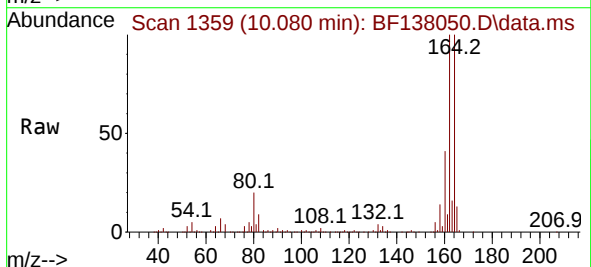
Instrument :
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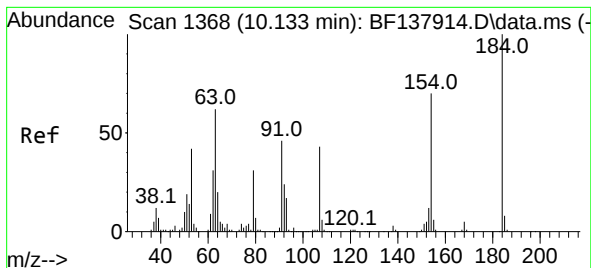
Tgt Ion:172 Resp: 500751
Ion Ratio Lower Upper
172 100
171 34.9 28.9 43.3
170 22.6 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 9.026 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

Tgt Ion:165 Resp: 29148
Ion Ratio Lower Upper
165 100
63 1.5 38.9 58.3#
89 1.3 40.4 60.6#

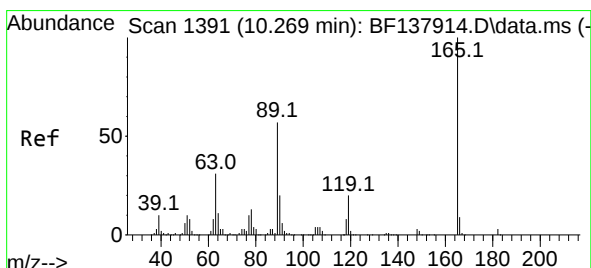
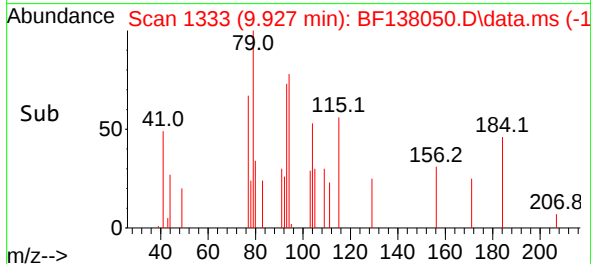
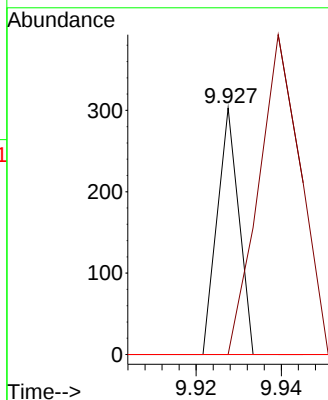
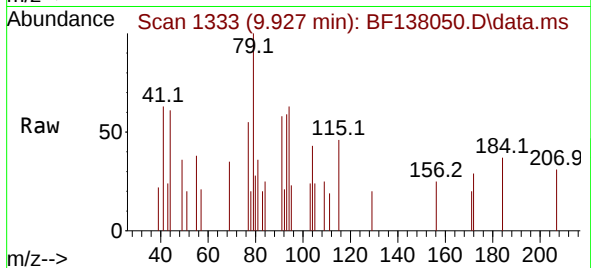




#54
2,4-Dinitrophenol
Concen: 7.024 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

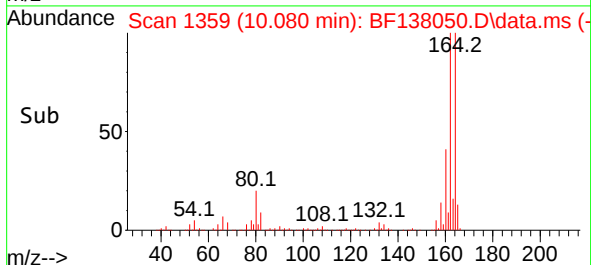
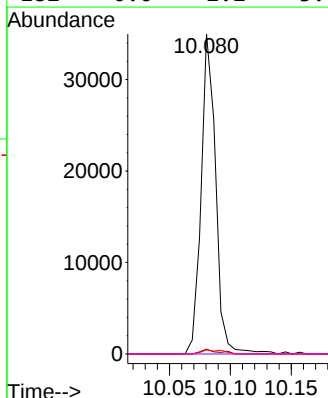
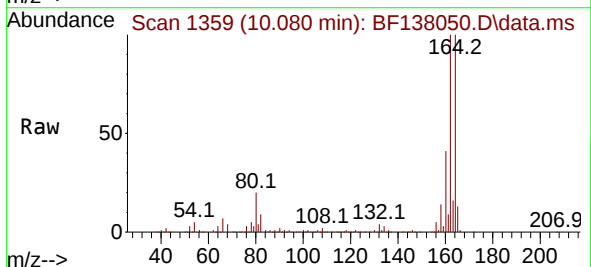
Instrument :
BNA_F
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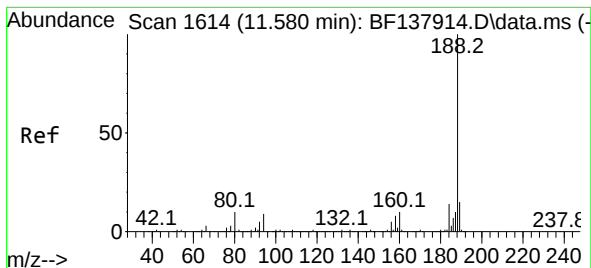
Tgt Ion:184 Resp: 107
Ion Ratio Lower Upper
184 100
63 0.0 50.4 75.6#
154 0.0 63.7 95.5#



#57
2,4-Dinitrotoluene
Concen: 6.982 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

Tgt Ion:165 Resp: 29148
Ion Ratio Lower Upper
165 100
63 1.5 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: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138050.D

Acq: 28 May 2024 16:38

Instrument :

BNA_F

ClientSampleId :

RBR200057

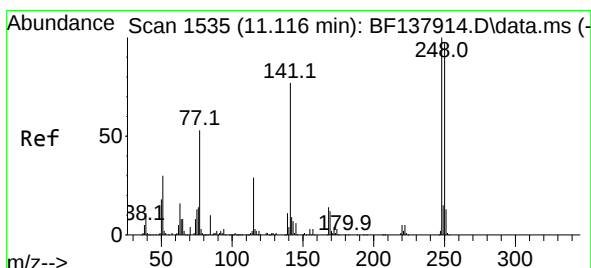
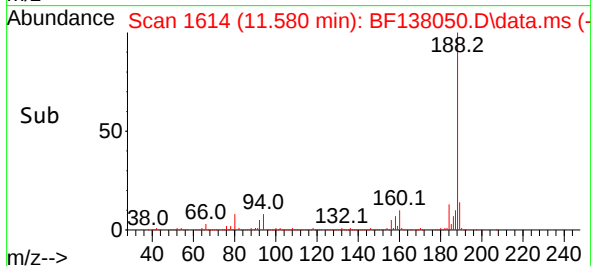
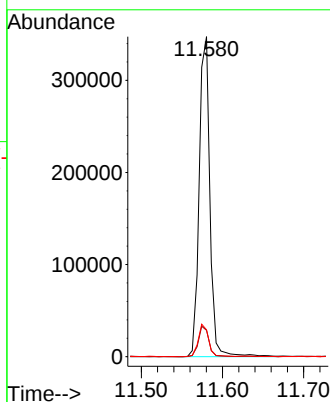
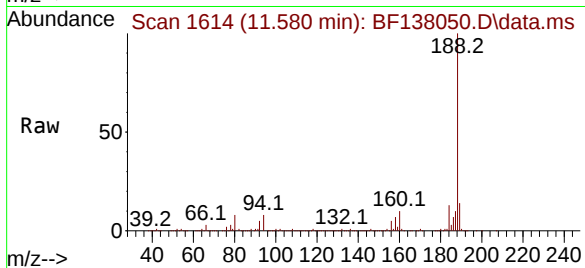
Tgt Ion:188 Resp: 318385

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

80 8.4 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 2.312 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF138050.D

Acq: 28 May 2024 16:38

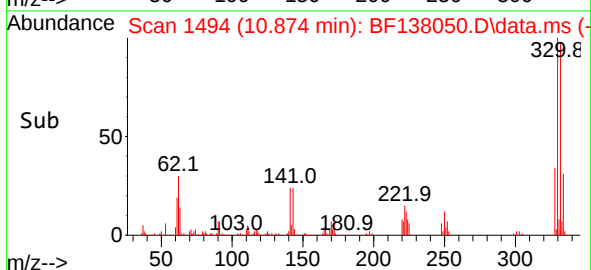
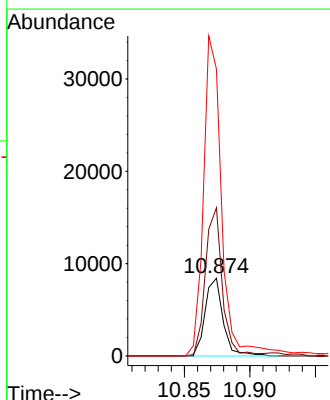
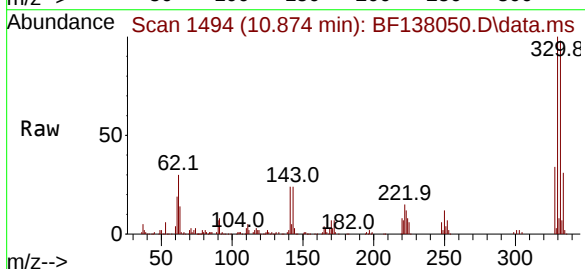
Tgt Ion:248 Resp: 8071

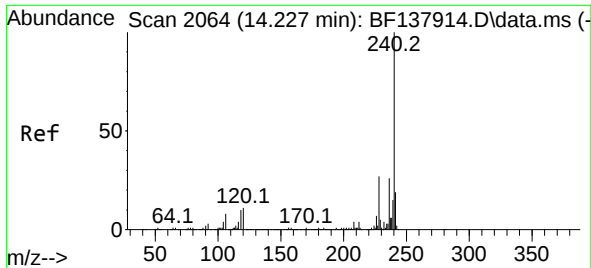
Ion Ratio Lower Upper

248 100

250 190.6 77.6 116.4#

141 369.2 61.4 92.2#

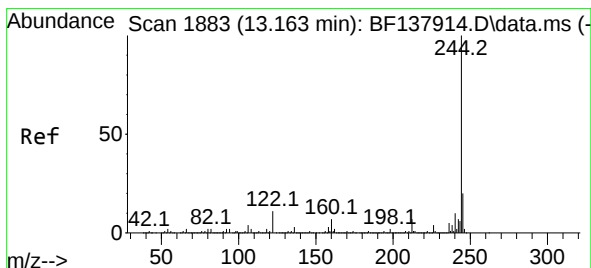
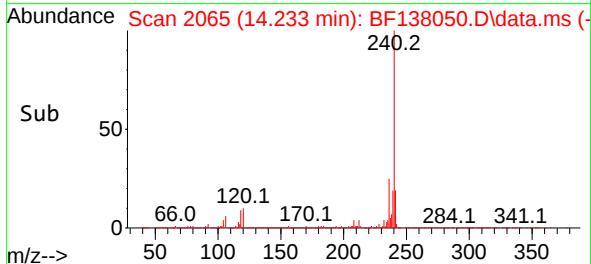
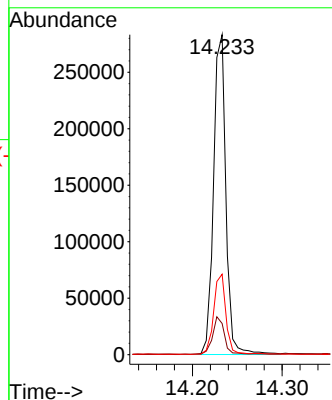
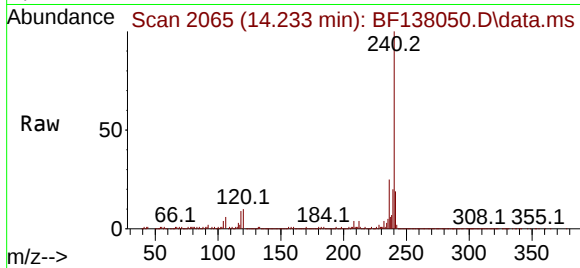




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2064
Delta R.T. 0.006 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

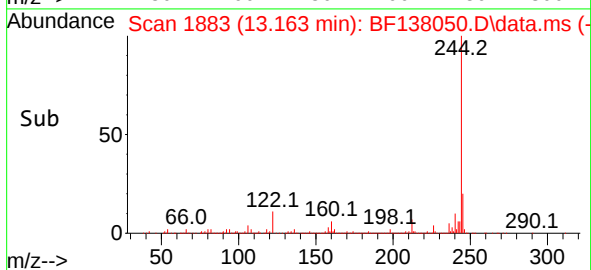
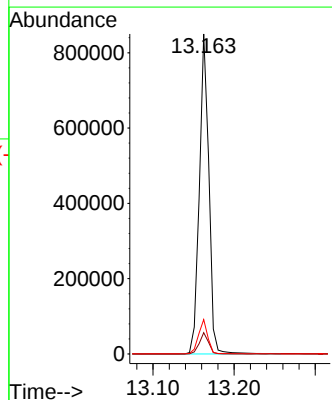
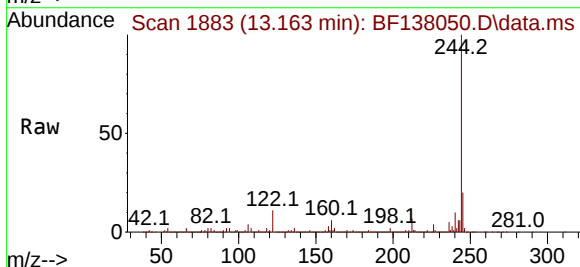
Instrument :
BNA_F
ClientSampleId :
RBR200057

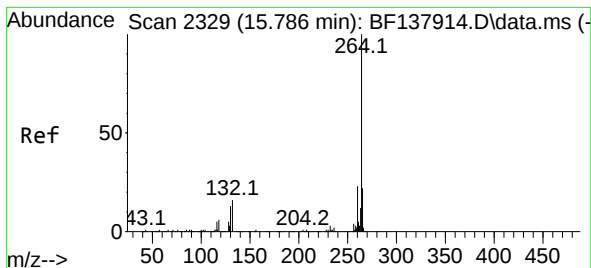
Tgt Ion:240 Resp: 270922
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 25.1 21.0 31.4



#79
Terphenyl-d14
Concen: 37.785 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

Tgt Ion:244 Resp: 694576
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.8 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.798 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138050.D

Acq: 28 May 2024 16:38

Instrument :

BNA_F

ClientSampleId :

RBR200057

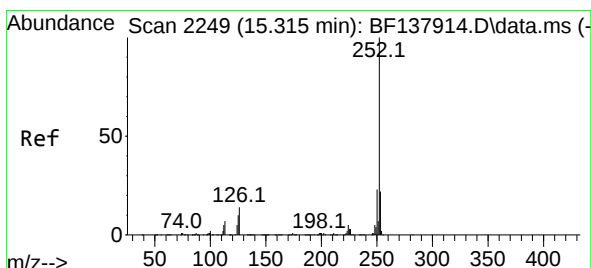
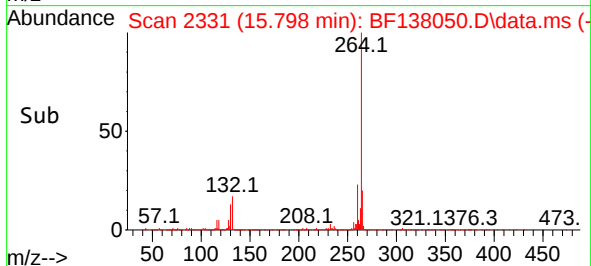
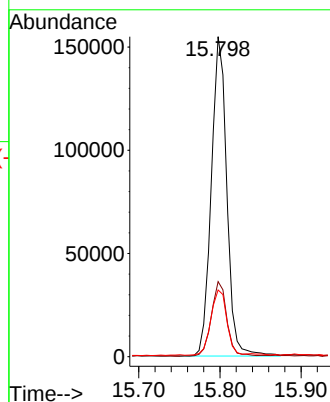
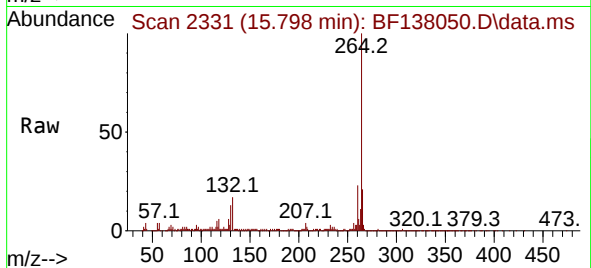
Tgt Ion:264 Resp: 205602

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 20.9 17.6 26.4



#88

Benzo(b)fluoranthene

Concen: 2.431 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.006 min

Lab File: BF138050.D

Acq: 28 May 2024 16:38

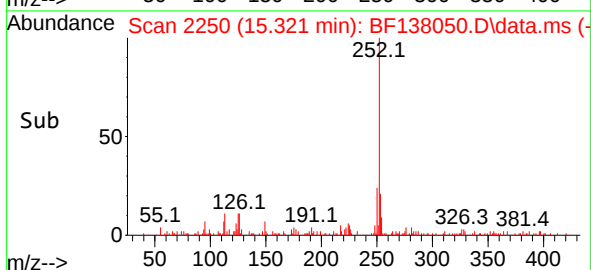
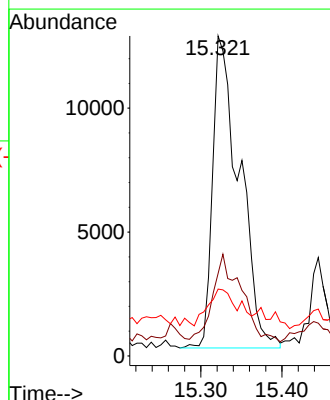
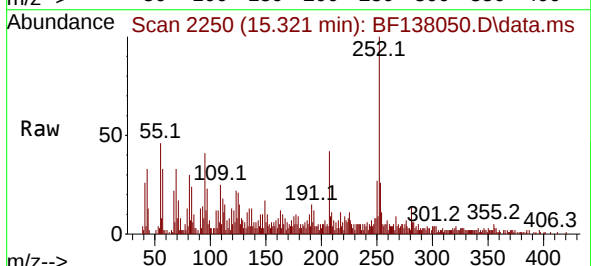
Tgt Ion:252 Resp: 28942

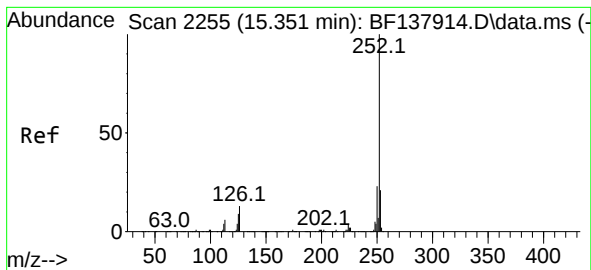
Ion Ratio Lower Upper

252 100

253 25.8 17.6 26.4

125 20.9 8.2 12.4#





#89

Benzo(k)fluoranthene

Concen: 2.475 ng

RT: 15.321 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF138050.D

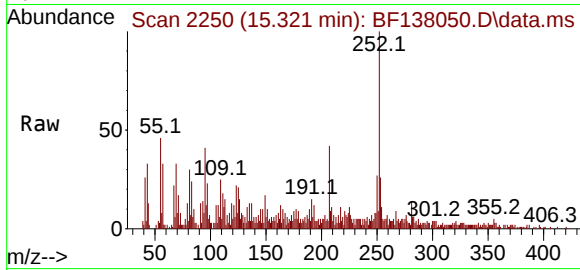
Acq: 28 May 2024 16:38

Instrument :

BNA_F

ClientSampleId :

RBR200057



Tgt Ion:252 Resp: 28942

Ion Ratio Lower Upper

252 100

253 25.8 17.4 26.0

125 20.9 7.7 11.5#

