

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)

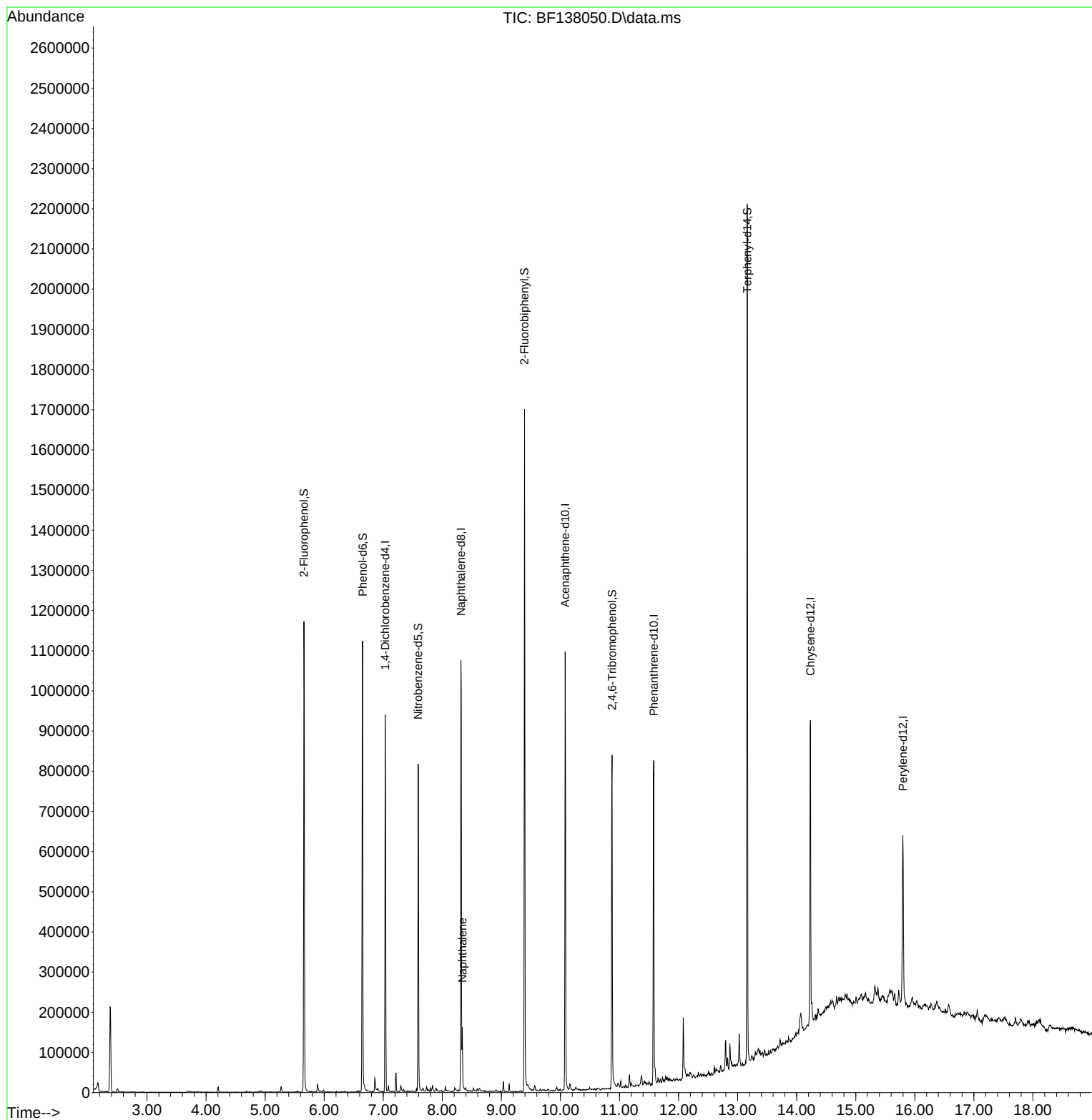
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	136474	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	490895	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	224391	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	318385	20.000	ng	0.00
76) Chrysene-d12	14.233	240	270922	20.000	ng	0.00
86) Perylene-d12	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						
31) Naphthalene	8.339	128	56629	2.294	ng	Qvalue 99

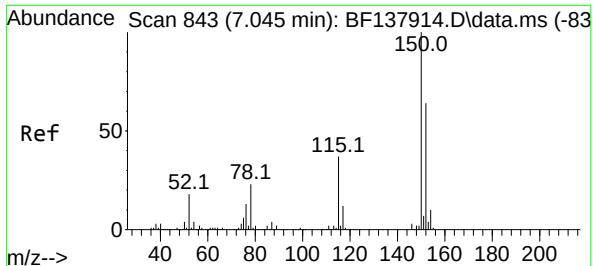
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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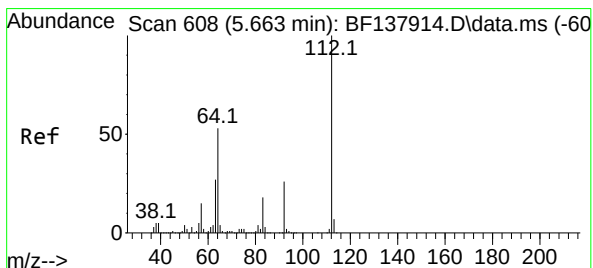
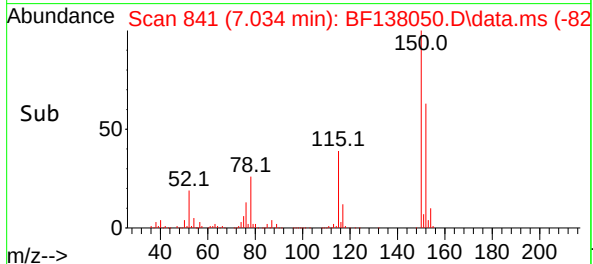
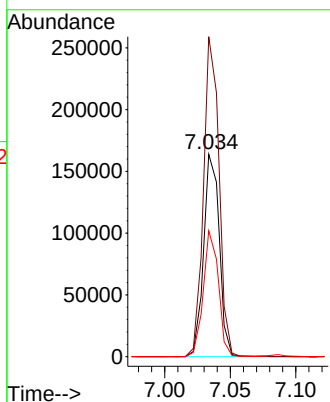
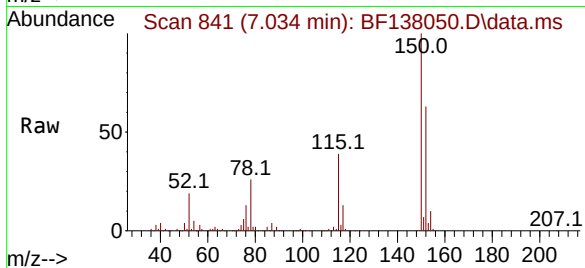




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

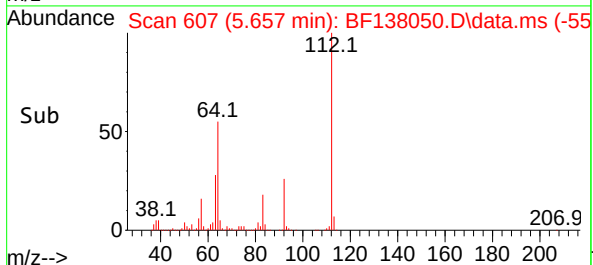
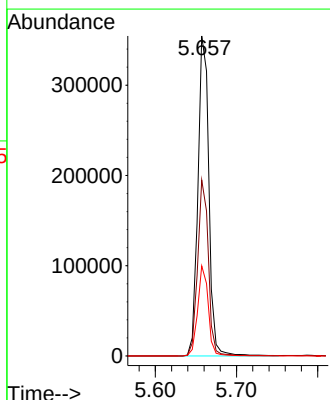
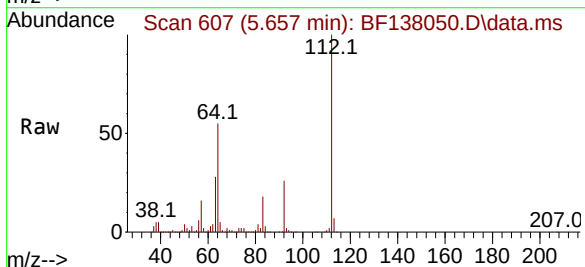
Instrument :
BNA_F
ClientSampleId :
RBR200057

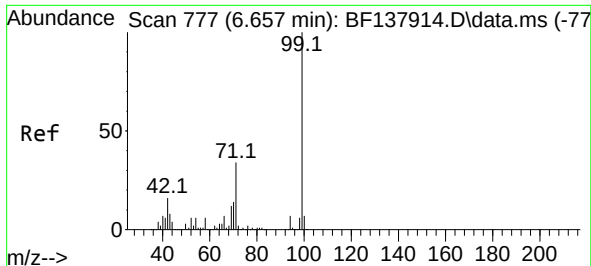
Tgt Ion:152 Resp: 136474
Ion Ratio Lower Upper
152 100
150 158.1 125.7 188.5
115 62.2 47.0 70.6



#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

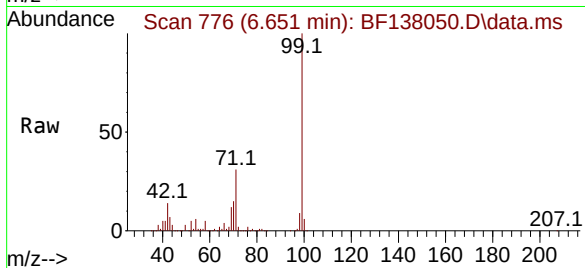
Tgt Ion:112 Resp: 334272
Ion Ratio Lower Upper
112 100
64 55.0 42.4 63.6
63 28.1 21.4 32.2



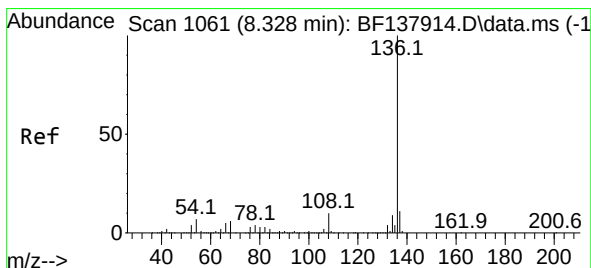
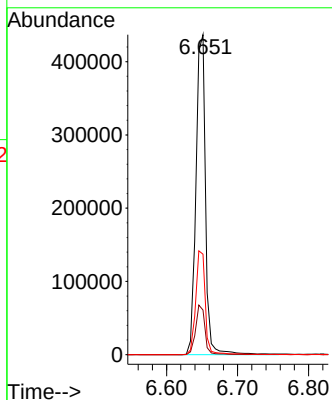
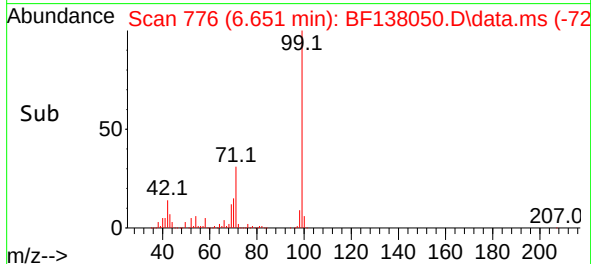


#7
Phenol-d6
Concen: 41.539 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

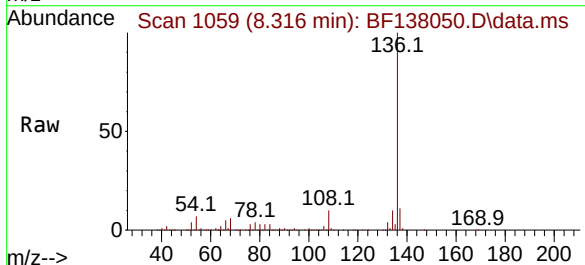
Instrument :
BNA_F
ClientSampleId :
RBR200057



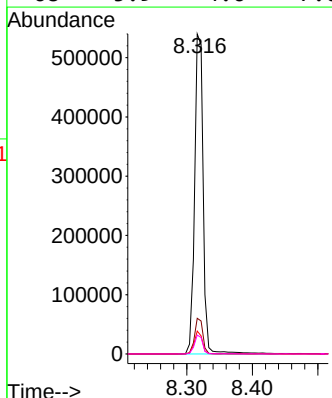
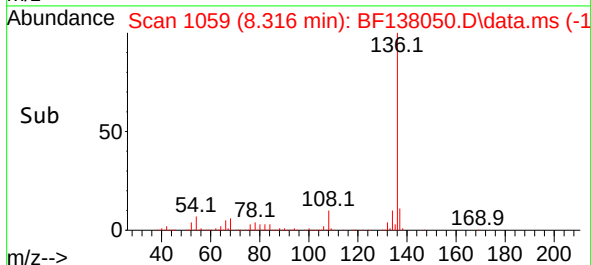
Tgt Ion: 99 Resp: 411114
Ion Ratio Lower Upper
99 100
42 13.9 12.6 18.8
71 31.4 27.1 40.7

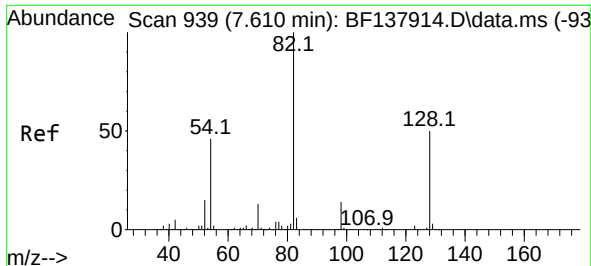


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38



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# 91

Delta R.T. -0.018 min

Lab File: BF138050.D

Acq: 28 May 2024 16:38

Instrument :

BNA_F

ClientSampleId :

RBR200057

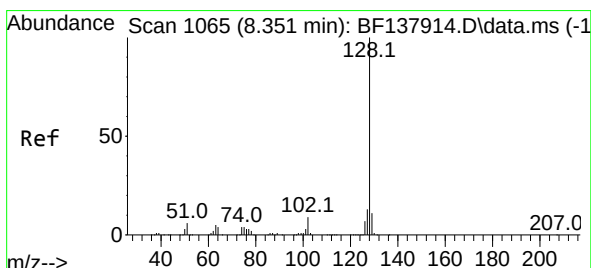
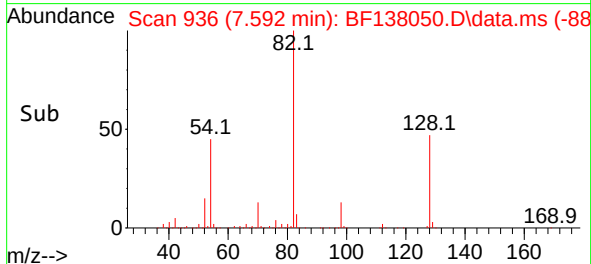
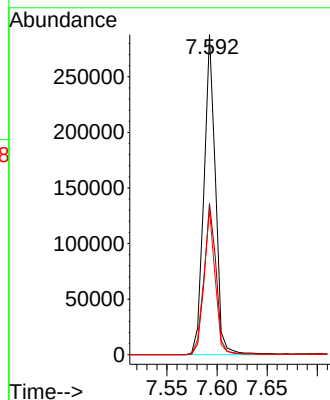
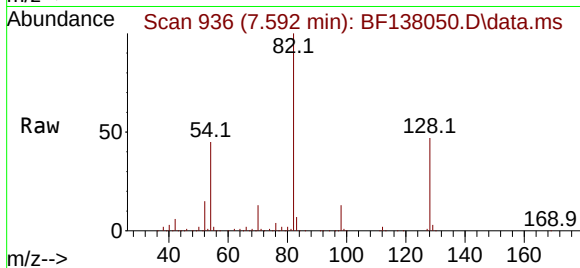
Tgt Ion: 82 Resp: 232013

Ion Ratio Lower Upper

82 100

128 47.2 40.3 60.5

54 45.3 36.8 55.2



#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

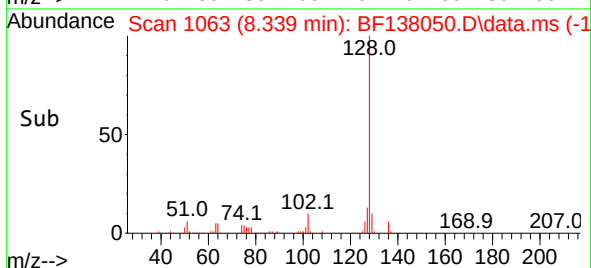
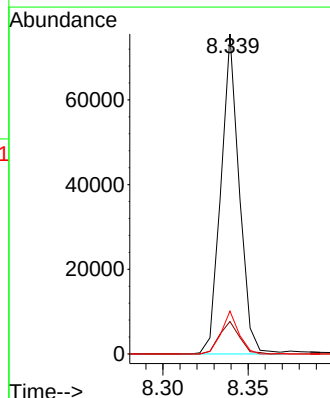
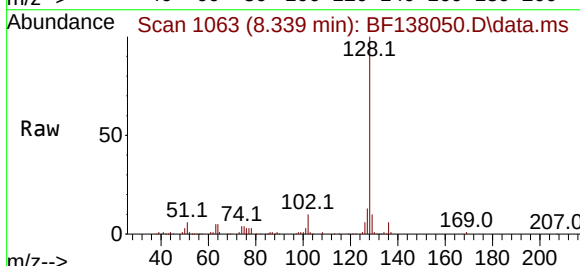
Tgt Ion: 128 Resp: 56629

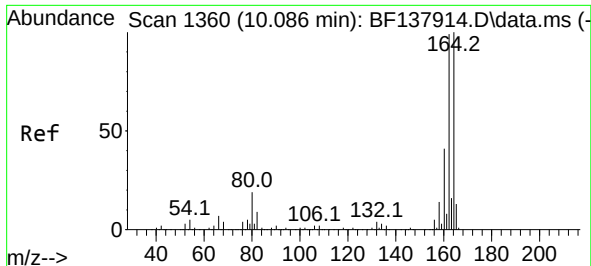
Ion Ratio Lower Upper

128 100

129 10.2 8.7 13.1

127 13.4 10.6 16.0

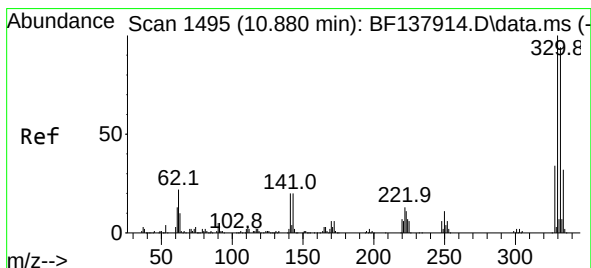
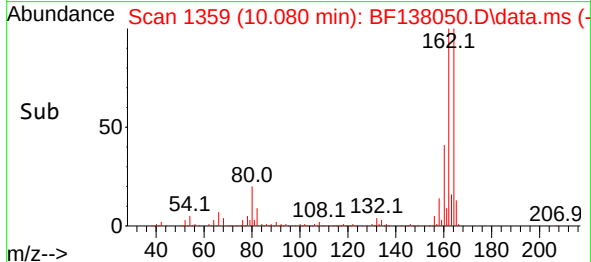
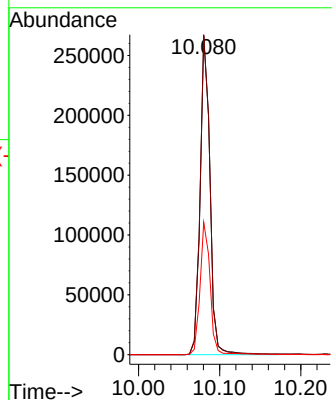
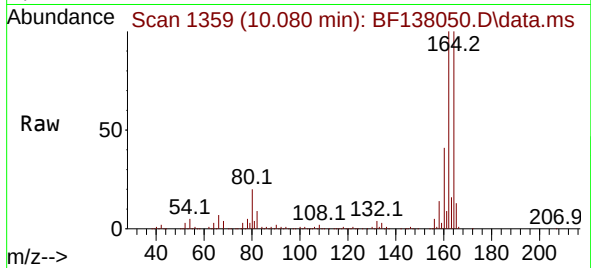




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

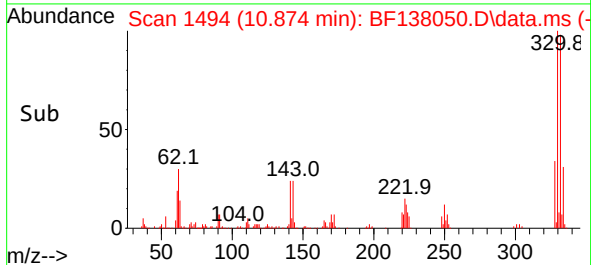
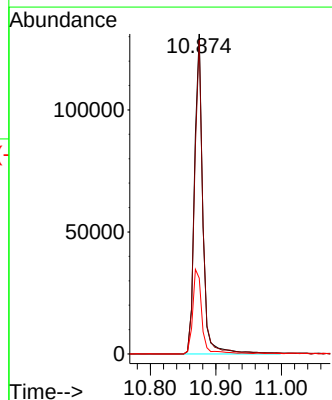
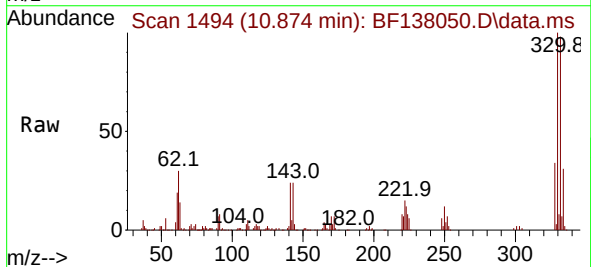
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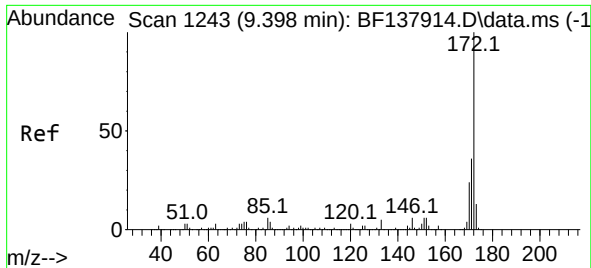
Tgt Ion:164 Resp: 224391
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.2
160 41.5 33.1 49.7



#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

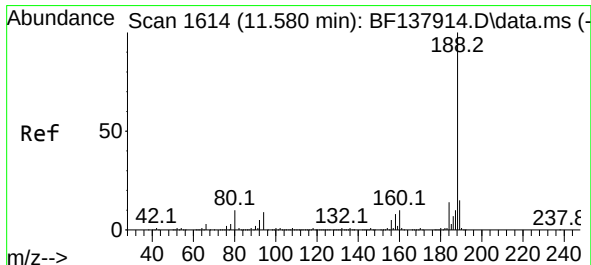
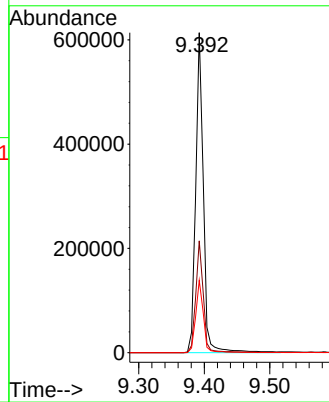
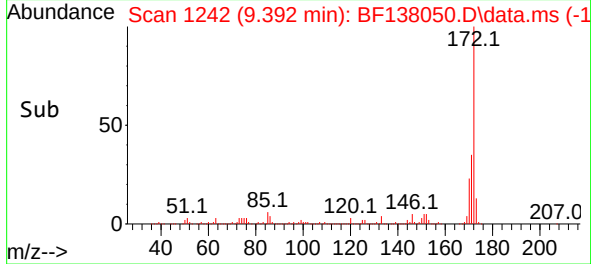
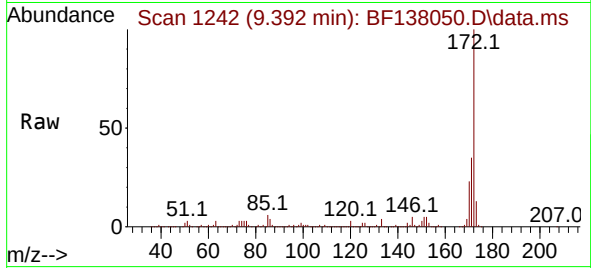




#45
2-Fluorobiphenyl
Concen: 34.375 ng
RT: 9.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

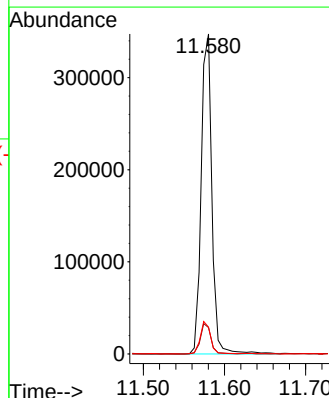
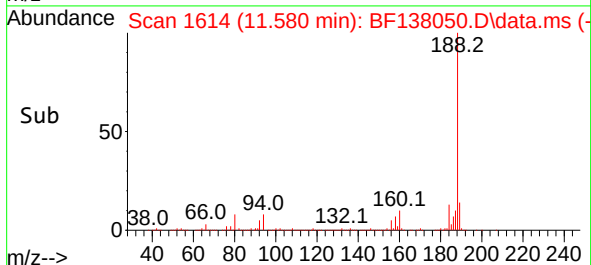
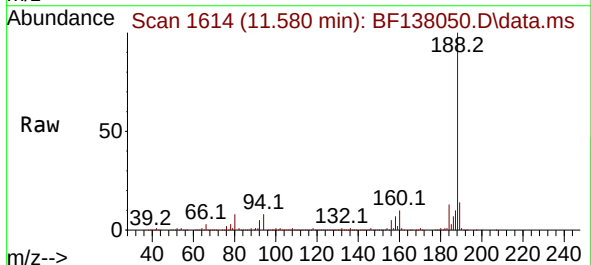
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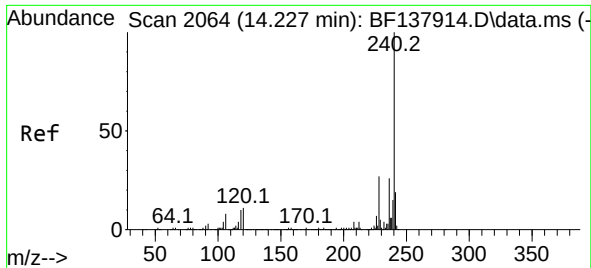
Tgt Ion:172 Resp: 500751
Ion Ratio Lower Upper
172 100
171 34.9 28.9 43.3
170 22.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

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

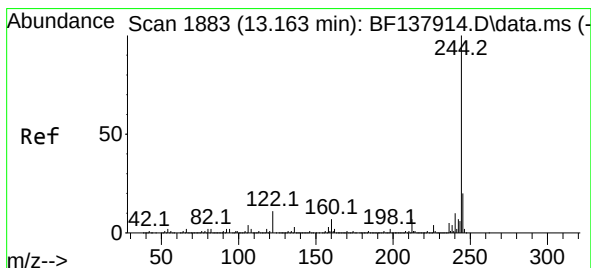
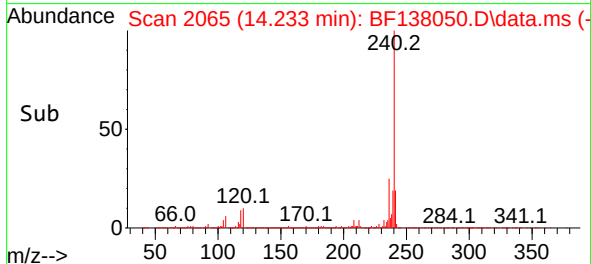
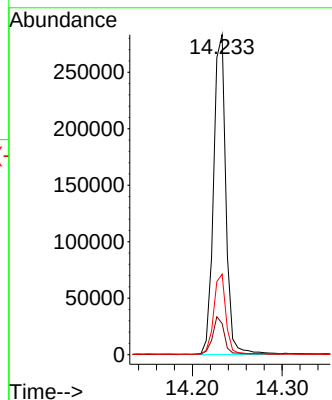
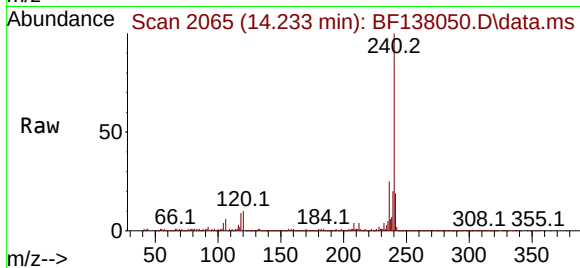




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2064
Delta R.T. 0.006 min
Lab File: BF138050.D
Acq: 28 May 2024 16:38

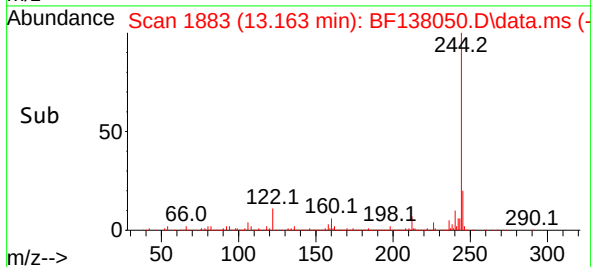
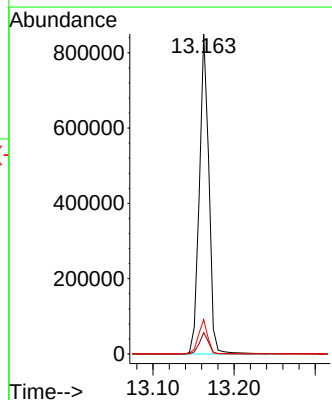
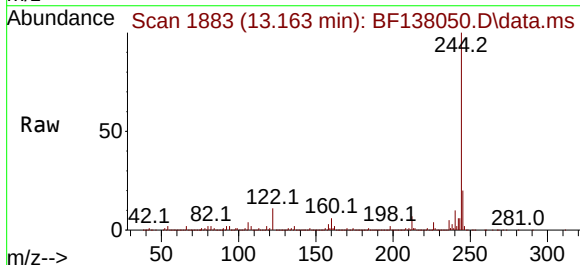
Instrument :
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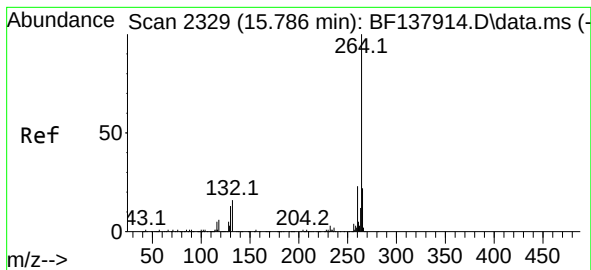
Tgt Ion:240 Resp: 270922
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 25.1 21.0 31.4



#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

