

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052824\
Data File : BF138039.D
Acq On : 28 May 2024 11:09
Operator : CG\JU
Sample : PB161134BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161134BL

Quant Time: May 28 11:34:01 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	137984	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	543577	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	304153	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	531939	20.000	ng	0.00
76) Chrysene-d12	14.227	240	316458	20.000	ng	0.00
86) Perylene-d12	15.798	264	272948	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1067355	131.396	ng	0.00
7) Phenol-d6	6.651	99	1298610	129.777	ng	0.00
23) Nitrobenzene-d5	7.598	82	783726	84.850	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	421309	137.379	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1686583	85.417	ng	0.00
79) Terphenyl-d14	13.169	244	1910978	88.998	ng	0.00

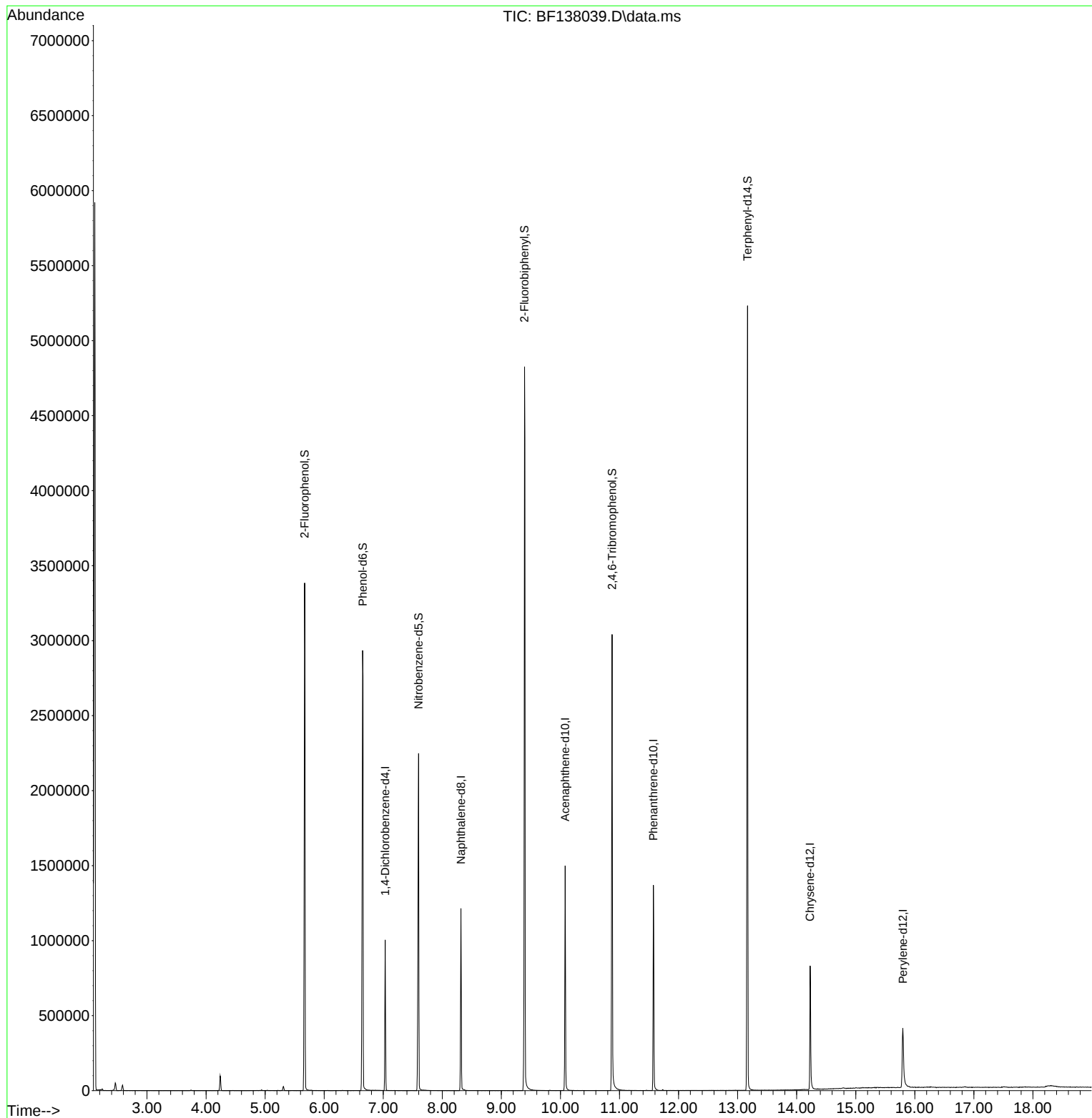
Target Compounds	Qvalue

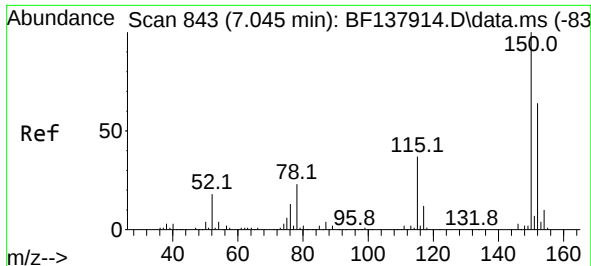
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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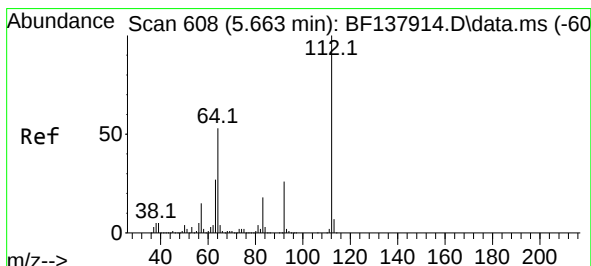
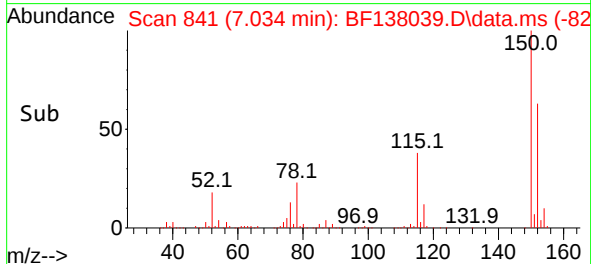
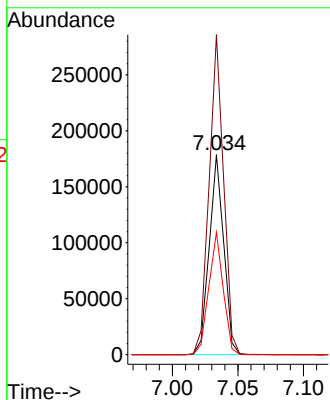
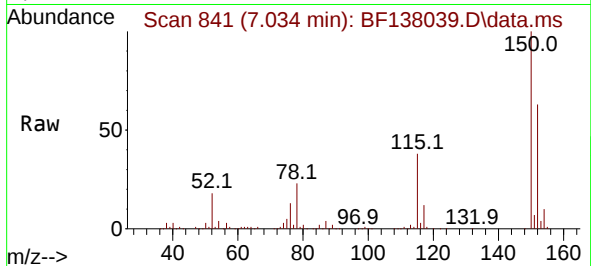




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138039.D
Acq: 28 May 2024 11:09

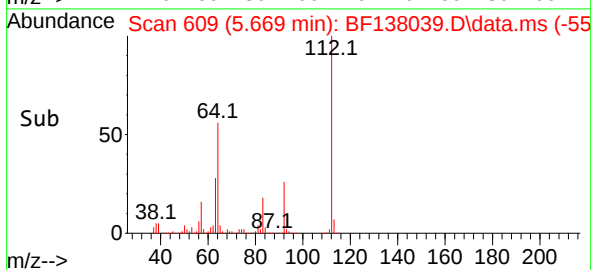
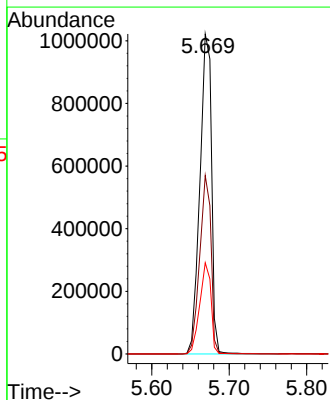
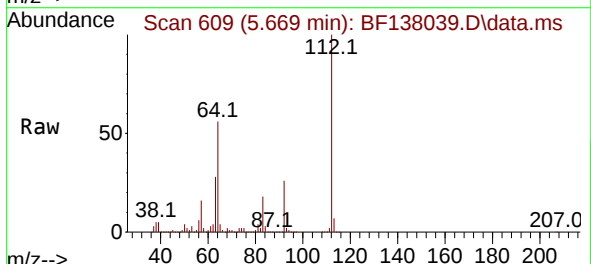
Instrument :
BNA_F
ClientSampleId :
PB161134BL

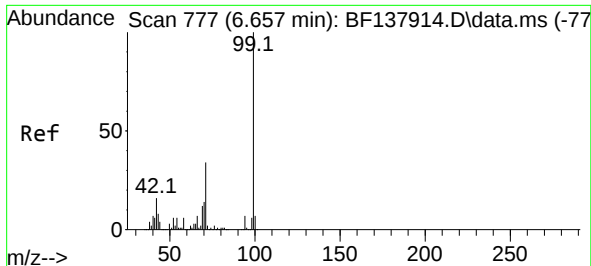
Tgt Ion:152 Resp: 137984
Ion Ratio Lower Upper
152 100
150 160.0 125.7 188.5
115 61.2 47.0 70.6



#5
2-Fluorophenol
Concen: 131.396 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138039.D
Acq: 28 May 2024 11:09

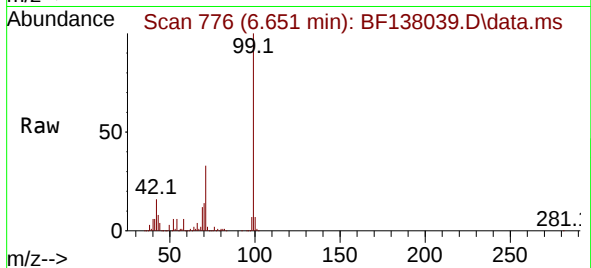
Tgt Ion:112 Resp: 1067355
Ion Ratio Lower Upper
112 100
64 55.7 42.4 63.6
63 28.5 21.4 32.2





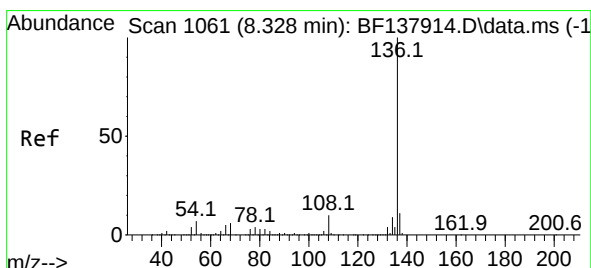
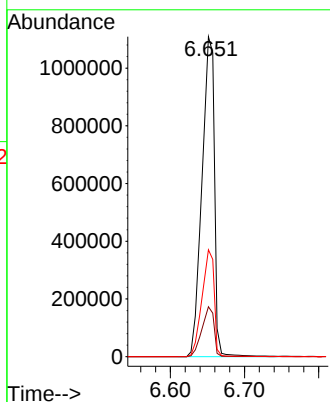
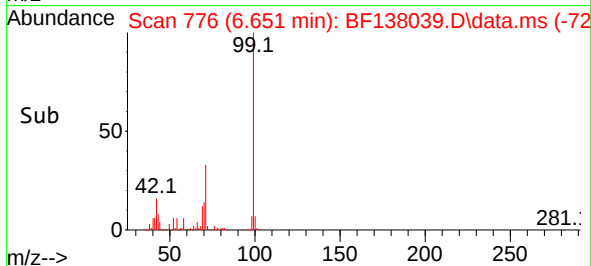
#7
Phenol-d6
Concen: 129.777 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138039.D
Acq: 28 May 2024 11:09

Instrument :
BNA_F
ClientSampleId :
PB161134BL

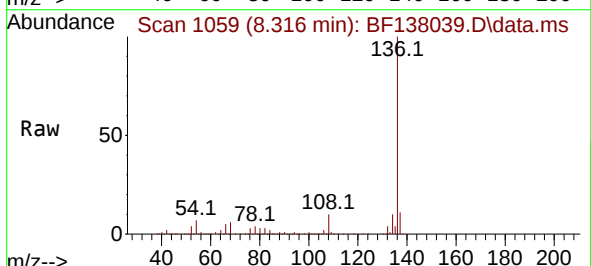


Tgt Ion: 99 Resp: 1298610

Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	33.4	27.1	40.7

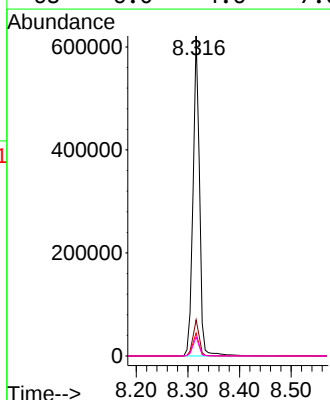
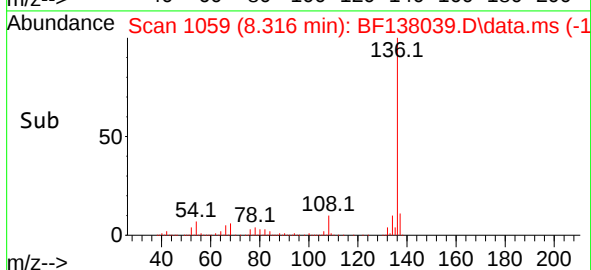


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138039.D
Acq: 28 May 2024 11:09



Tgt Ion: 136 Resp: 543577

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.2	5.4	8.2
68	6.0	4.6	7.0





#23

Nitrobenzene-d5

Concen: 84.850 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138039.D

Acq: 28 May 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB161134BL

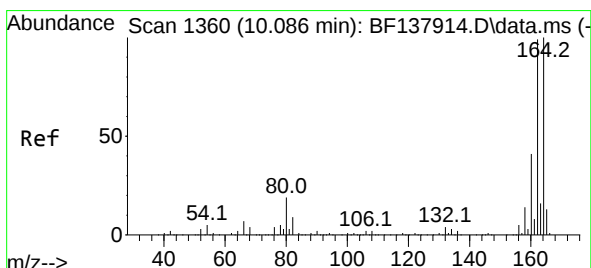
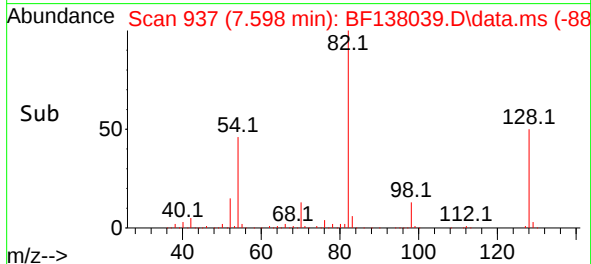
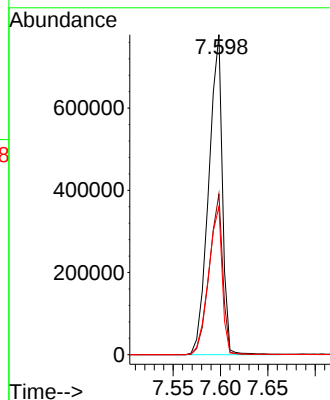
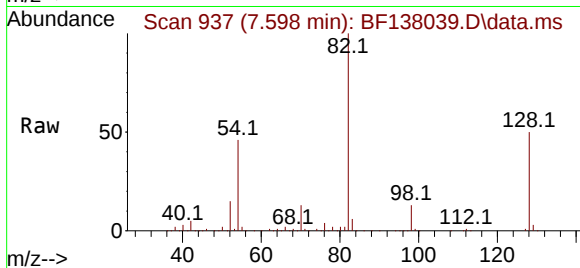
Tgt Ion: 82 Resp: 783726

Ion Ratio Lower Upper

82 100

128 50.2 40.3 60.5

54 46.2 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF138039.D

Acq: 28 May 2024 11:09

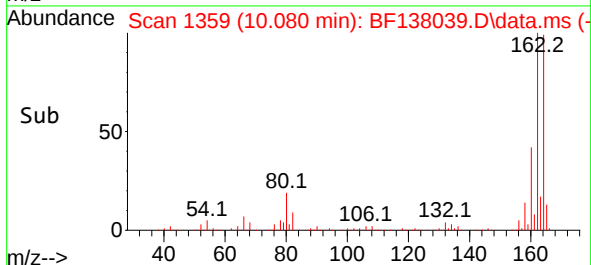
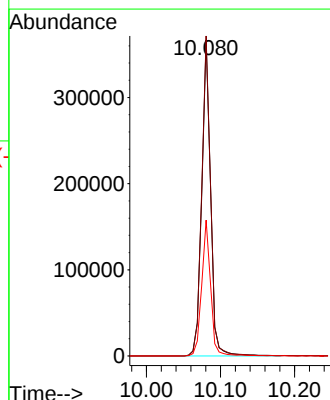
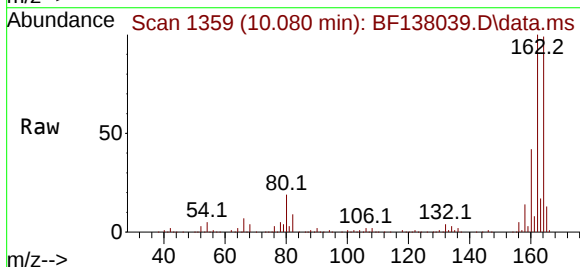
Tgt Ion:164 Resp: 304153

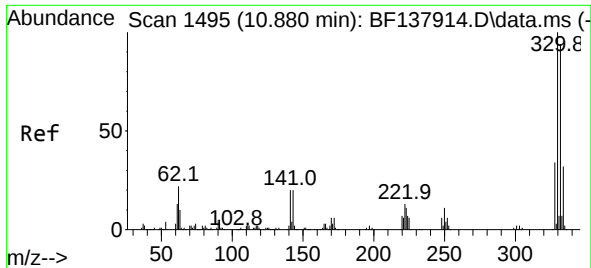
Ion Ratio Lower Upper

164 100

162 101.3 79.4 119.2

160 43.0 33.1 49.7

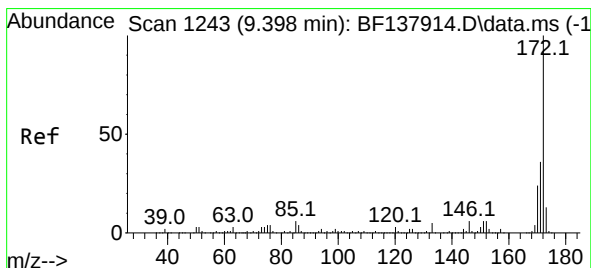
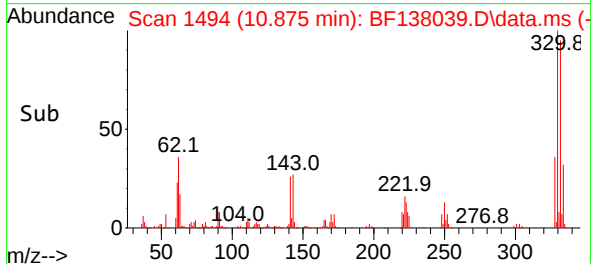
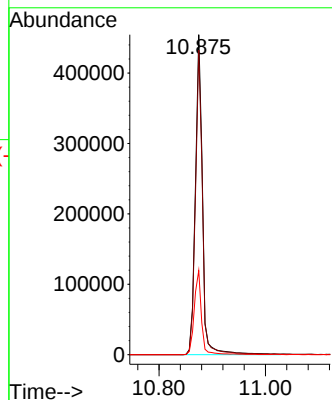
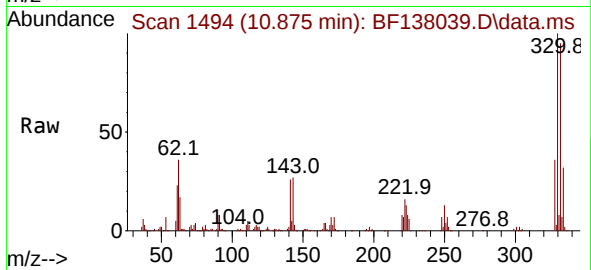




#42
2,4,6-Tribromophenol
Concen: 137.379 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138039.D
Acq: 28 May 2024 11:09

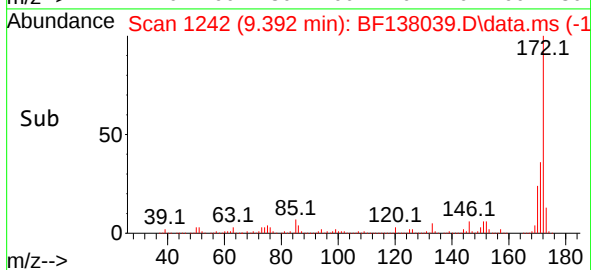
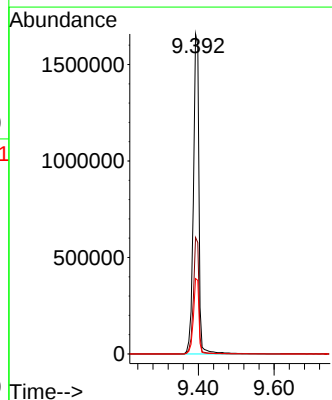
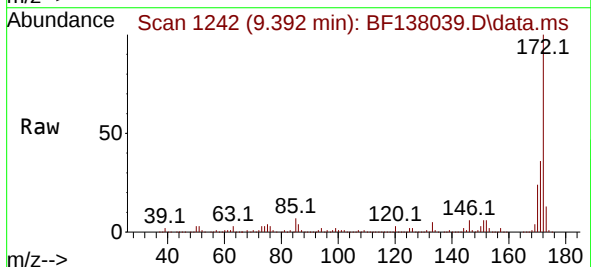
Instrument :
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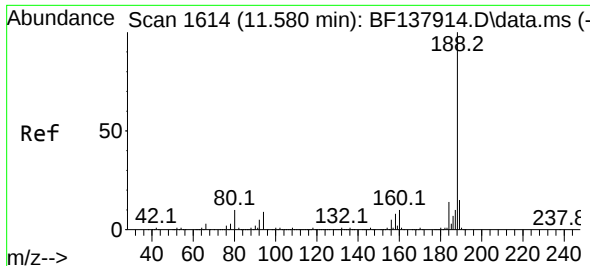
Tgt Ion: 330 Resp: 421309
Ion Ratio Lower Upper
330 100
332 95.2 75.8 113.8
141 26.9 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 85.417 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138039.D
Acq: 28 May 2024 11:09

Tgt Ion: 172 Resp: 1686583
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.6 18.9 28.3

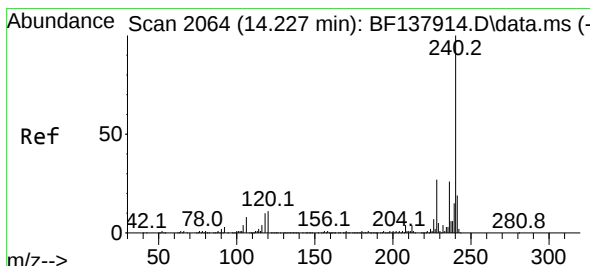
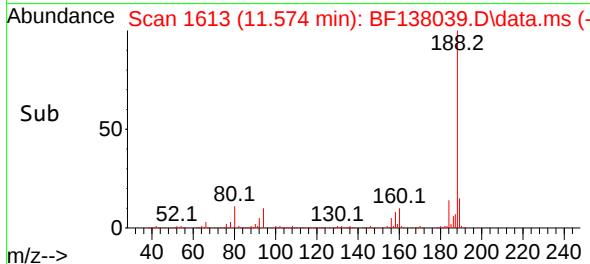
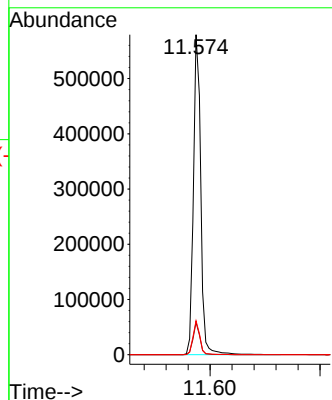
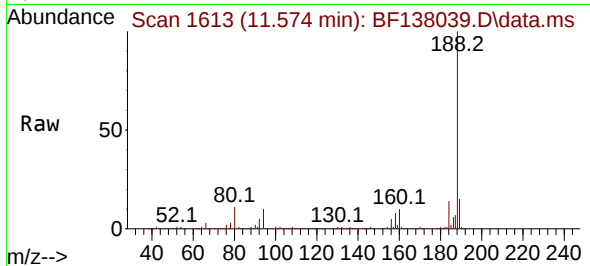




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138039.D
Acq: 28 May 2024 11:09

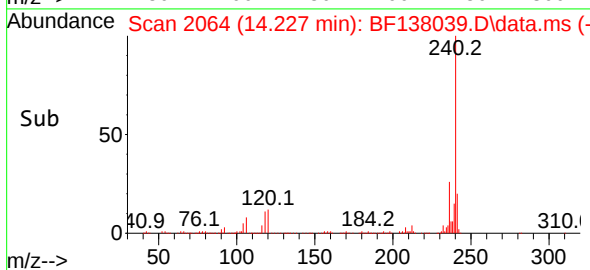
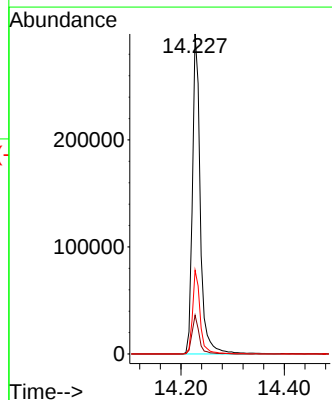
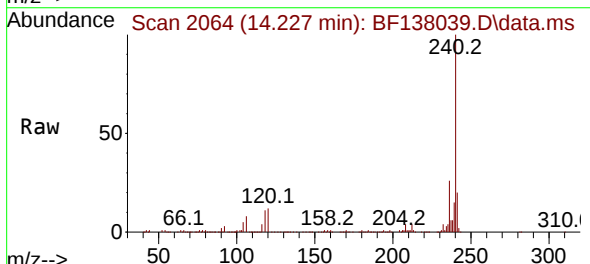
Instrument :
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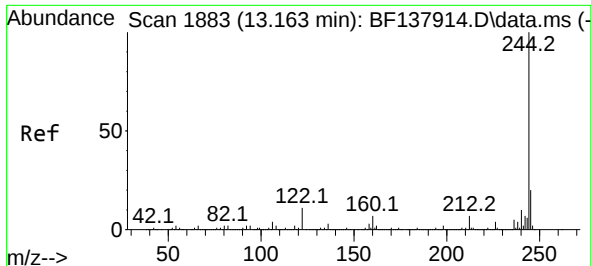
Tgt Ion:188 Resp: 531939
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 10.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138039.D
Acq: 28 May 2024 11:09

Tgt Ion:240 Resp: 316458
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.1 21.0 31.4

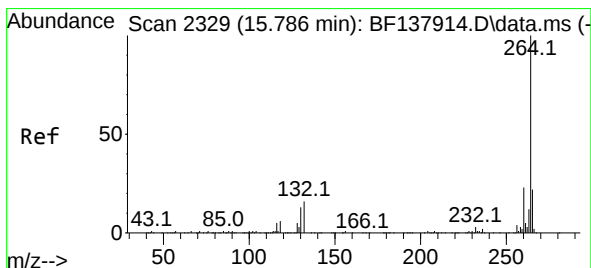
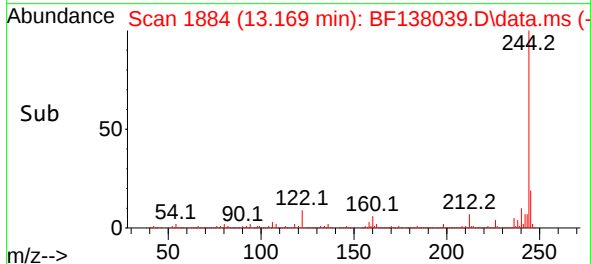
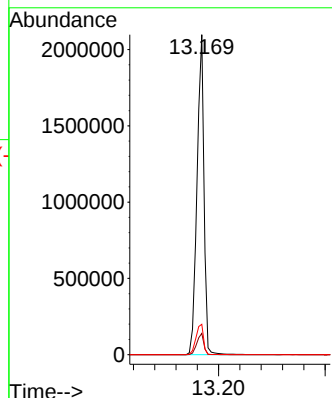
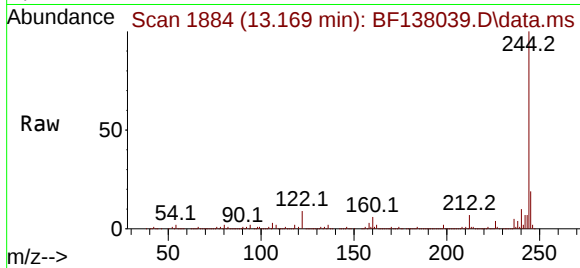




#79
 Terphenyl-d14
 Concen: 88.998 ng
 RT: 13.169 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF138039.D
 Acq: 28 May 2024 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB161134BL

Tgt Ion:244 Resp: 1910978
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.798 min Scan# 2331
 Delta R.T. 0.012 min
 Lab File: BF138039.D
 Acq: 28 May 2024 11:09

Tgt Ion:264 Resp: 272948
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.3 27.5
 265 22.1 17.6 26.4

