

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138008.D
 Acq On : 22 May 2024 16:51
 Operator : CG\JU
 Sample : P2527-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPN

Quant Time: May 22 17:32:31 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	133185	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	513269	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	293490	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	504178	20.000	ng	0.00
76) Chrysene-d12	14.221	240	269795	20.000	ng	0.00
86) Perylene-d12	15.786	264	250678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1042187	132.921	ng	0.01
7) Phenol-d6	6.651	99	1237841	128.162	ng	0.00
23) Nitrobenzene-d5	7.598	82	822479	94.304	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	475514	160.687	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1794517	94.186	ng	0.00
79) Terphenyl-d14	13.163	244	1706826	93.238	ng	0.00

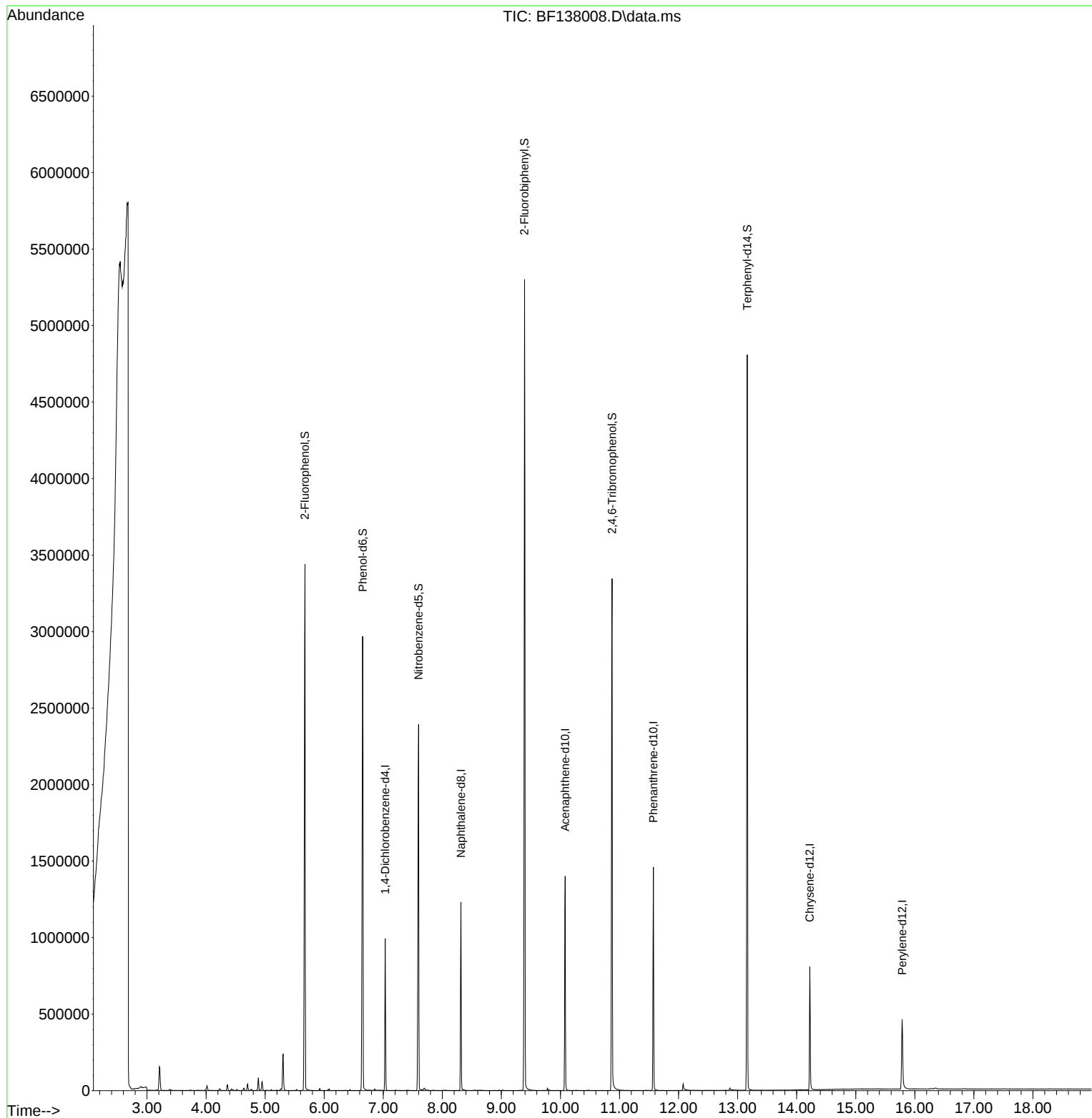
Target Compounds	Qvalue

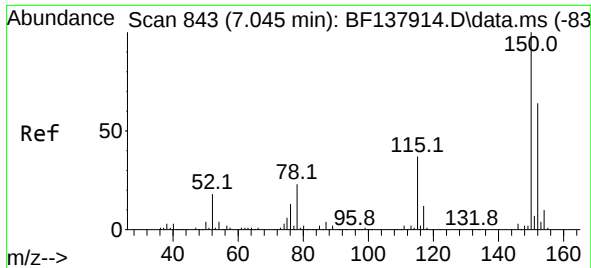
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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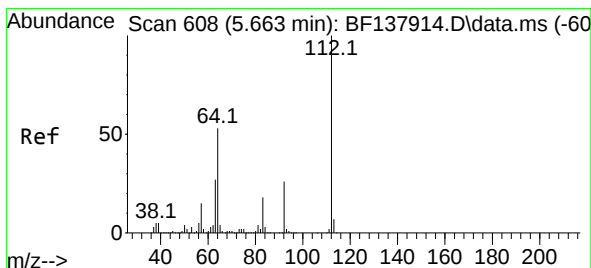
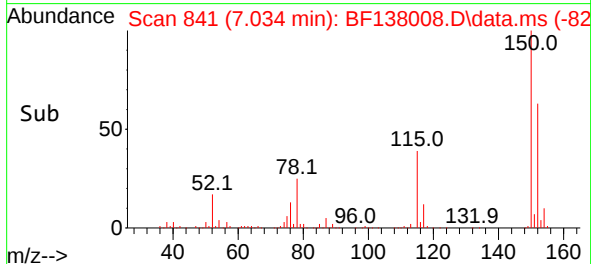
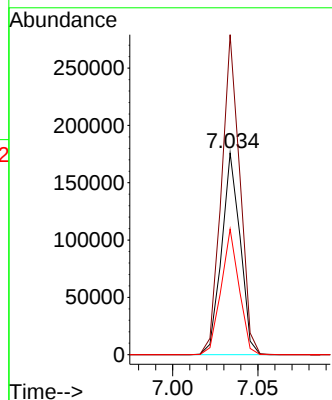
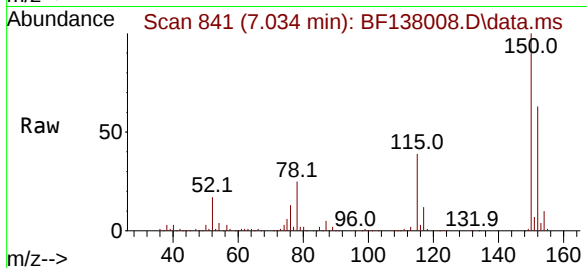




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

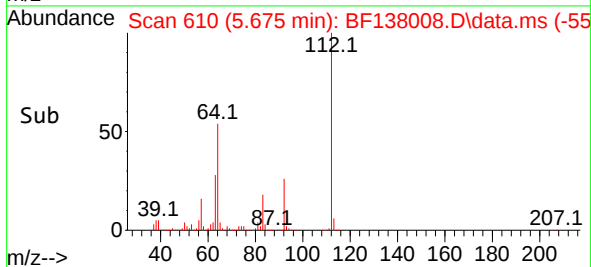
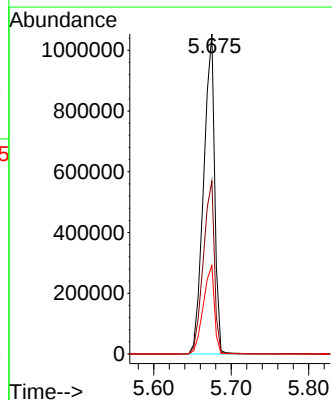
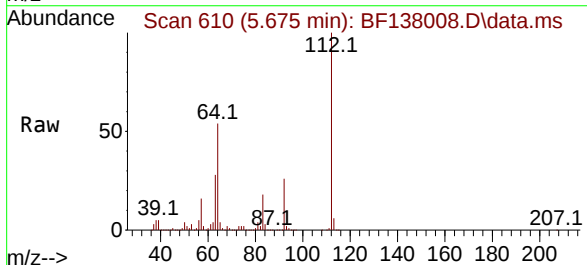
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

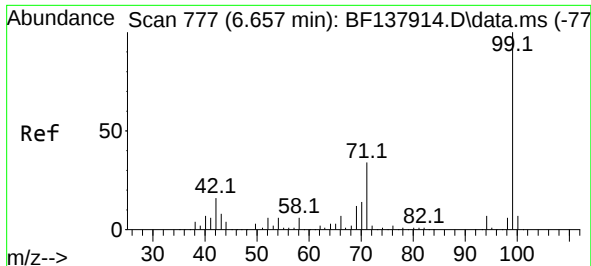
Tgt Ion:152 Resp: 133185
Ion Ratio Lower Upper
152 100
150 158.6 125.7 188.5
115 62.3 47.0 70.6



#5
2-Fluorophenol
Concen: 132.921 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Tgt Ion:112 Resp: 1042187
Ion Ratio Lower Upper
112 100
64 54.1 42.4 63.6
63 27.7 21.4 32.2



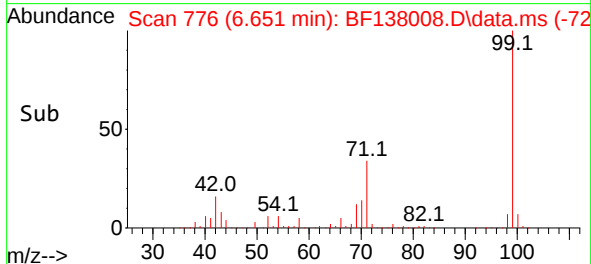
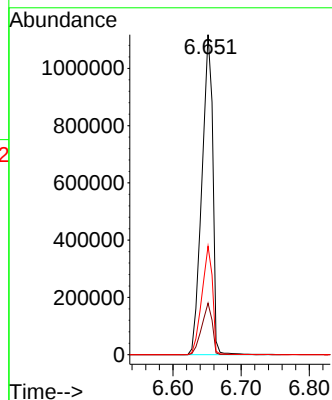
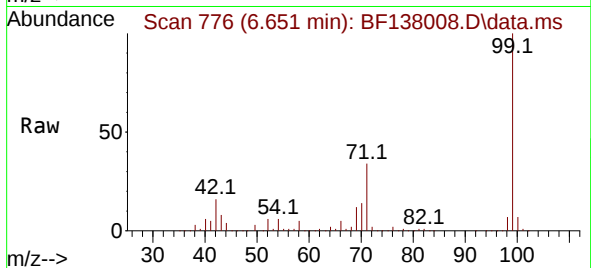


#7
Phenol-d6
Concen: 128.162 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

Tgt Ion: 99 Resp: 1237841

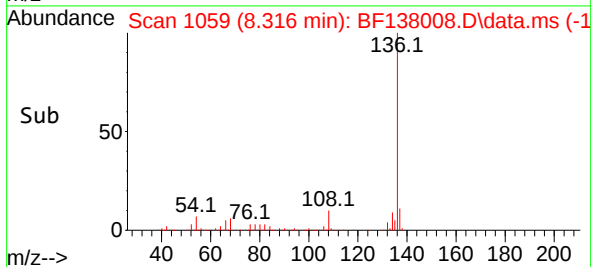
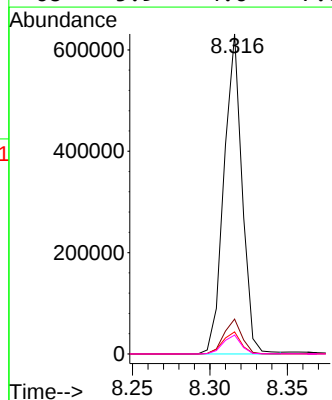
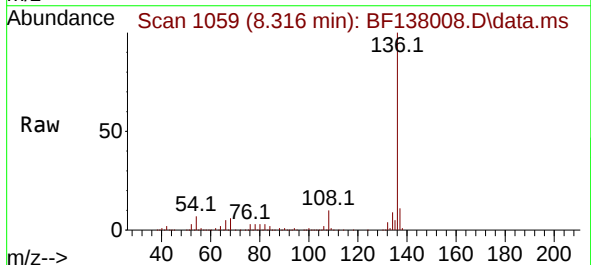
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.6	18.8
71	33.9	27.1	40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Tgt Ion: 136 Resp: 513269

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.4	8.2
68	5.9	4.6	7.0





#23

Nitrobenzene-d5

Concen: 94.304 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138008.D

Acq: 22 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

WCS-TPN

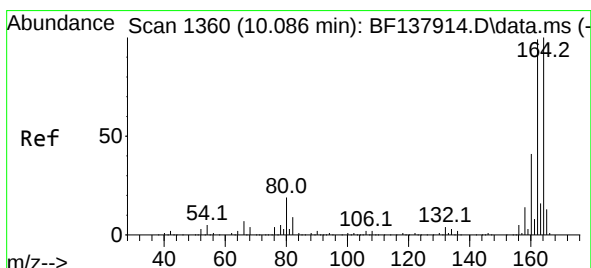
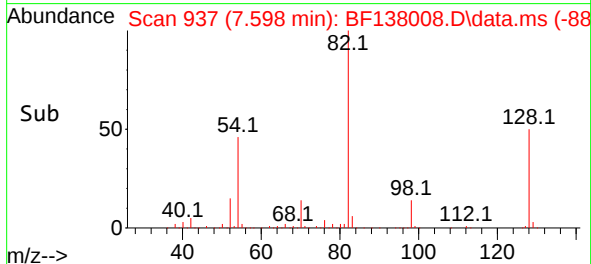
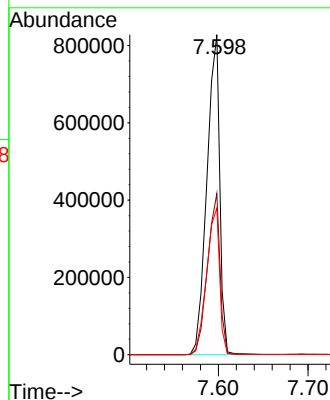
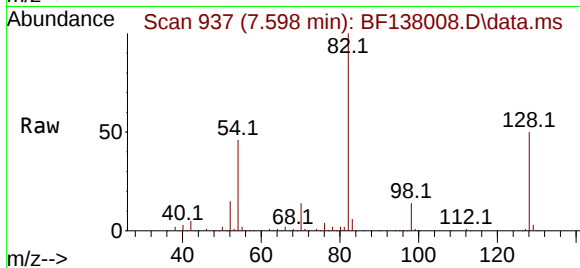
Tgt Ion: 82 Resp: 822479

Ion Ratio Lower Upper

82 100

128 50.3 40.3 60.5

54 45.8 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: BF138008.D

Acq: 22 May 2024 16:51

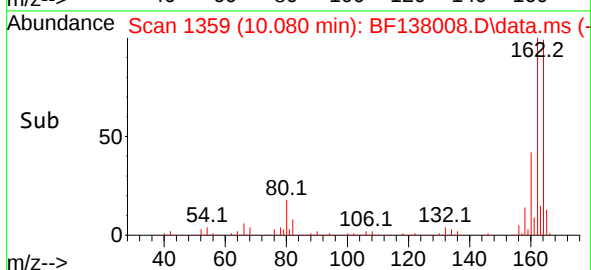
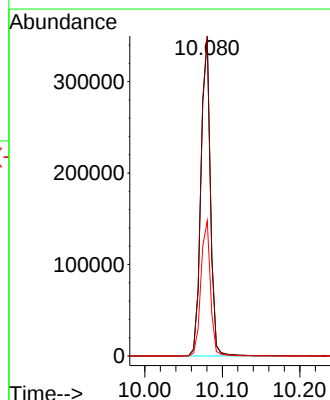
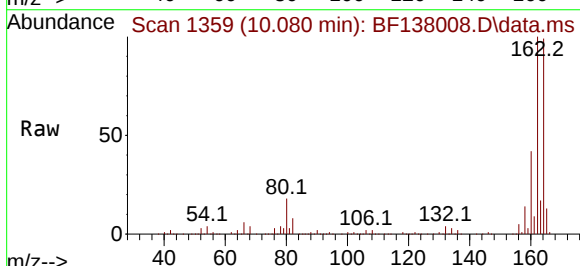
Tgt Ion:164 Resp: 293490

Ion Ratio Lower Upper

164 100

162 101.0 79.4 119.2

160 42.7 33.1 49.7

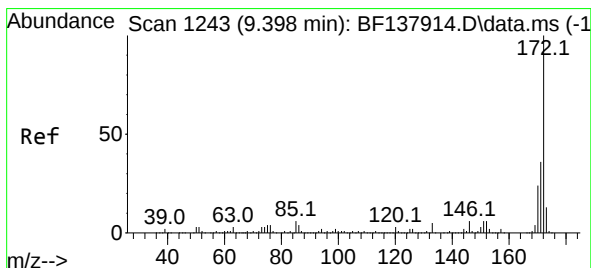
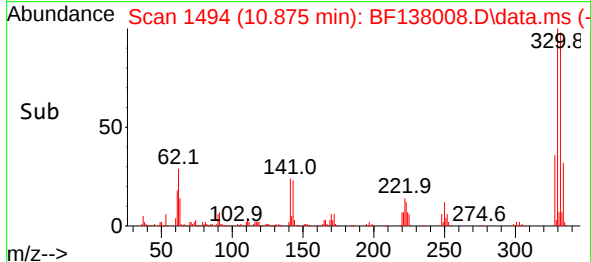
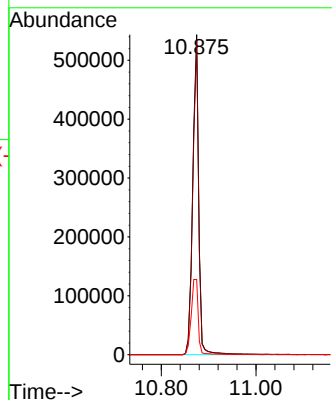
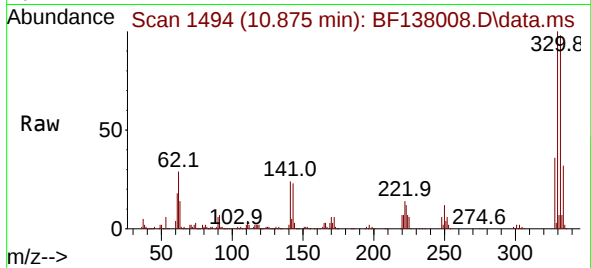




#42
2,4,6-Tribromophenol
Concen: 160.687 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

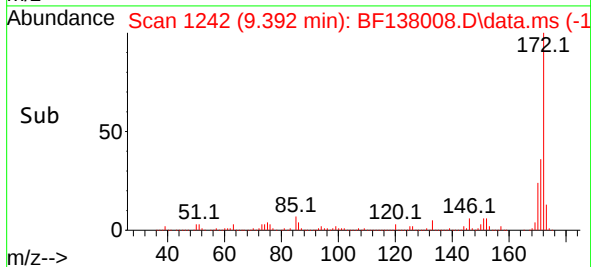
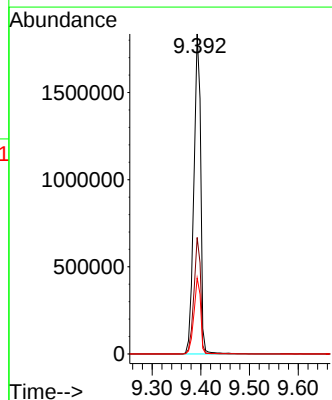
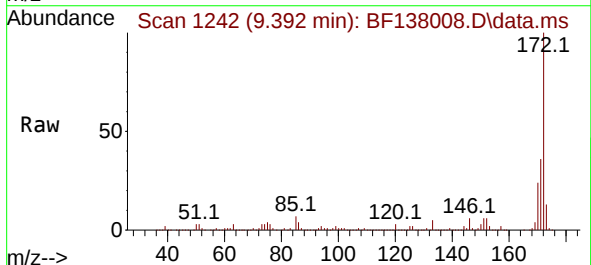
Instrument :
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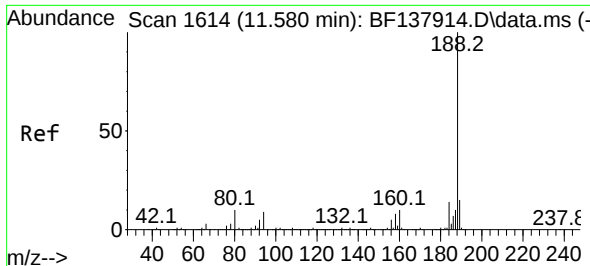
Tgt Ion:330 Resp: 475514
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.8
141 27.6 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 94.186 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Tgt Ion:172 Resp: 1794517
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.8 18.9 28.3

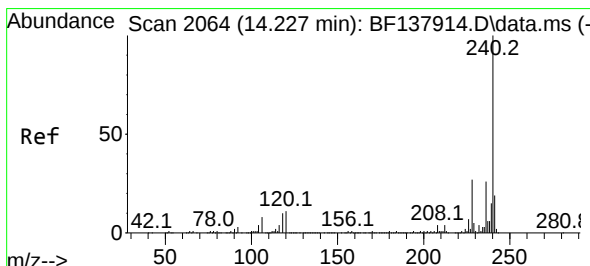
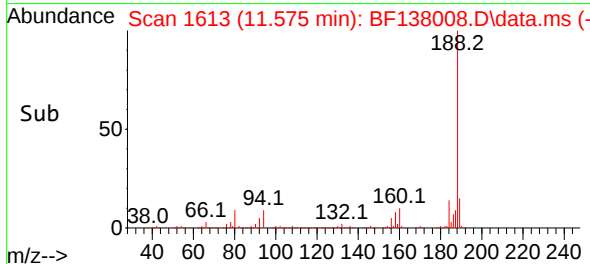
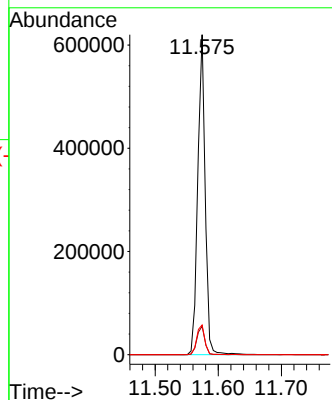
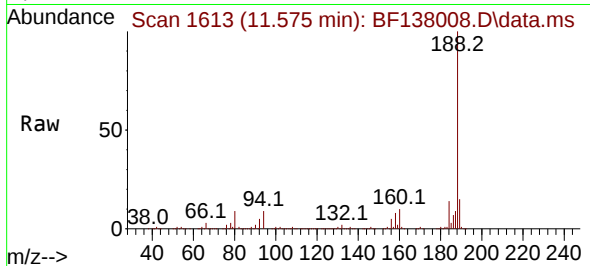




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

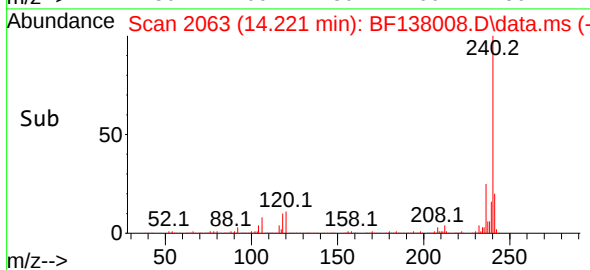
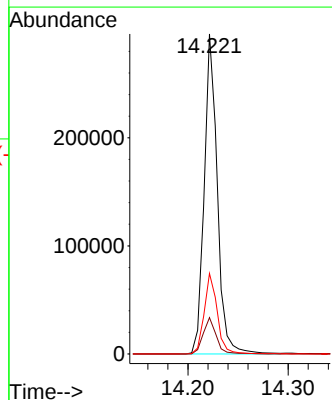
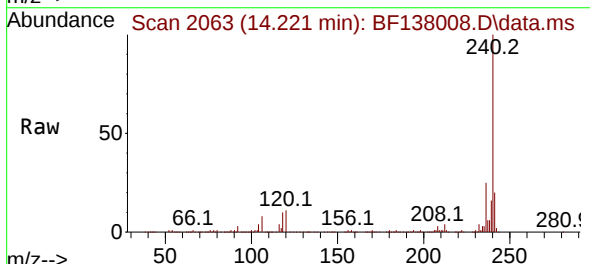
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

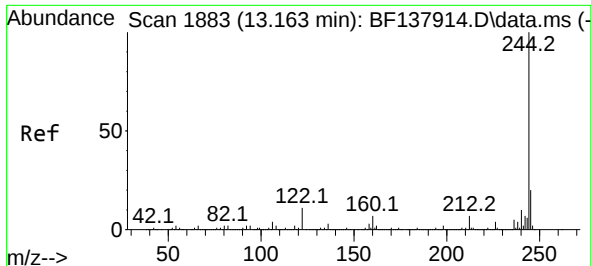
Tgt Ion:188 Resp: 504178
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Tgt Ion:240 Resp: 269795
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.1 21.0 31.4

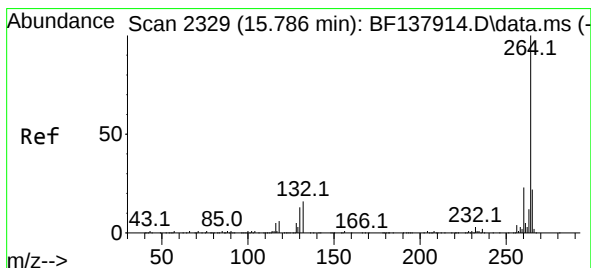
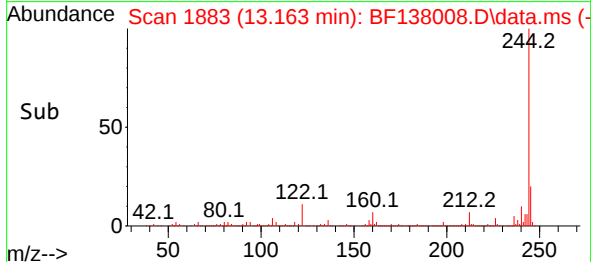
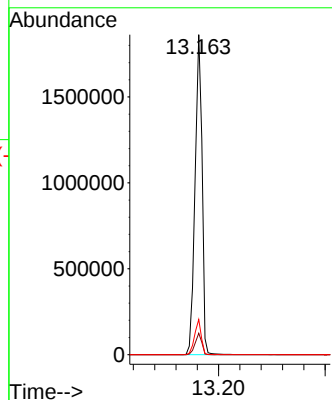
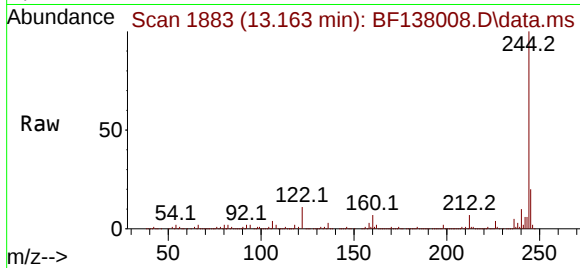




#79
 Terphenyl-d14
 Concen: 93.238 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF138008.D
 Acq: 22 May 2024 16:51

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1706826
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. 0.000 min
 Lab File: BF138008.D
 Acq: 22 May 2024 16:51

Tgt Ion:264 Resp: 250678
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 21.2 17.6 26.4

