

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138024.D
Acq On : 23 May 2024 13:21
Operator : CG\JU
Sample : PB161047TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161047TB

Quant Time: May 23 14:03:09 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	140989	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	556531	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	319877	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	567843	20.000	ng	0.00
76) Chrysene-d12	14.227	240	331311	20.000	ng	0.00
86) Perylene-d12	15.792	264	264507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1079967	130.115	ng	0.00
7) Phenol-d6	6.651	99	1323540	129.449	ng	0.00
23) Nitrobenzene-d5	7.598	82	812689	85.938	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	442668	137.248	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1767943	85.136	ng	0.00
79) Terphenyl-d14	13.169	244	2054597	91.396	ng	0.00

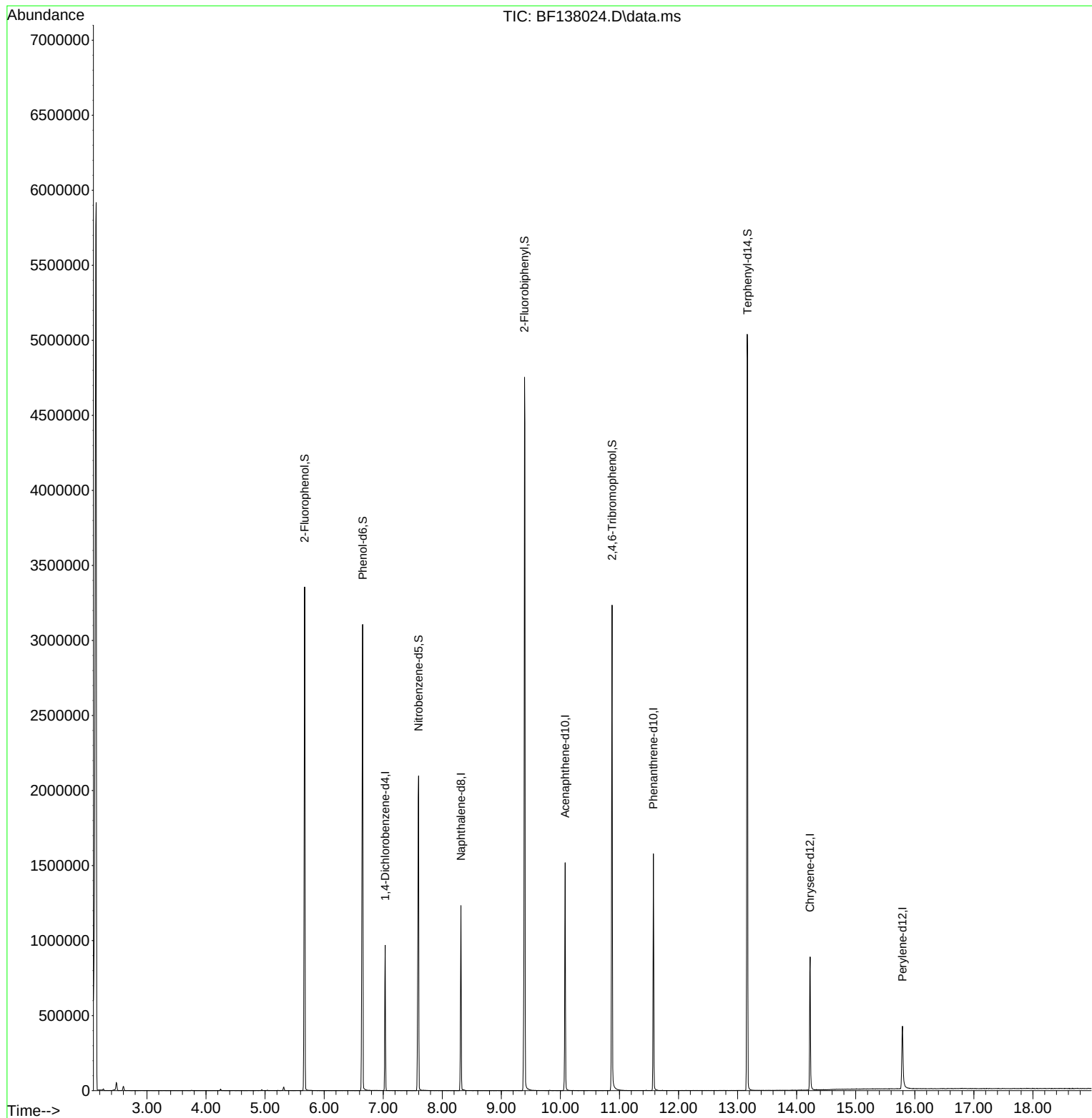
Target Compounds	Qvalue

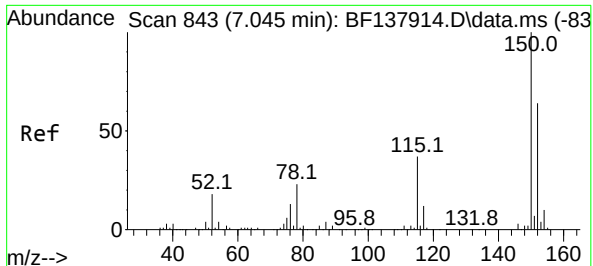
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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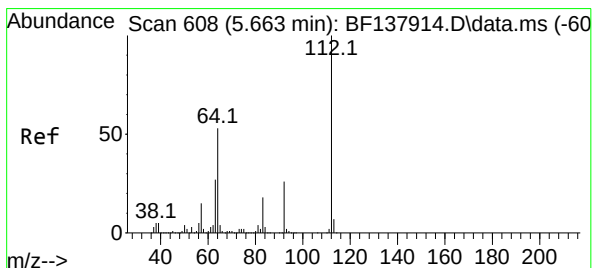
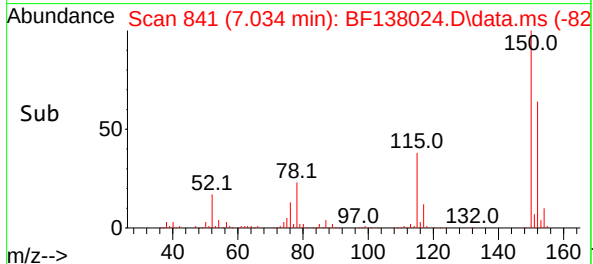
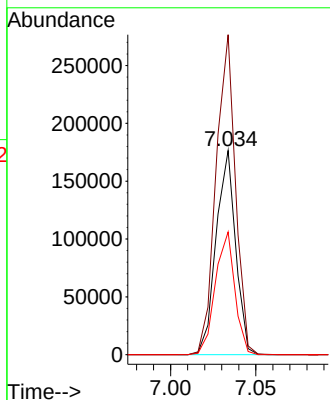
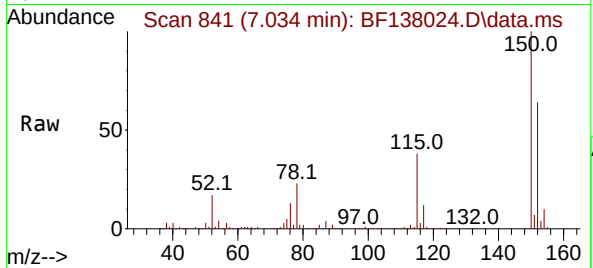




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

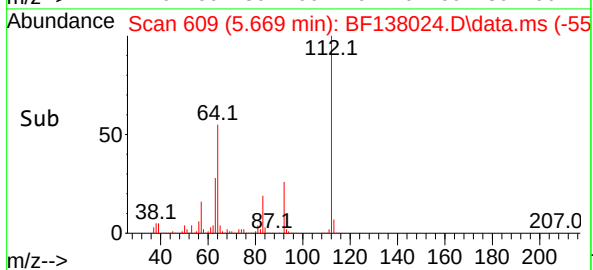
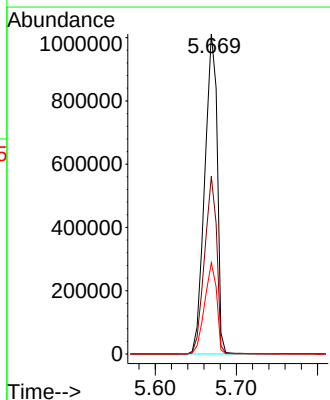
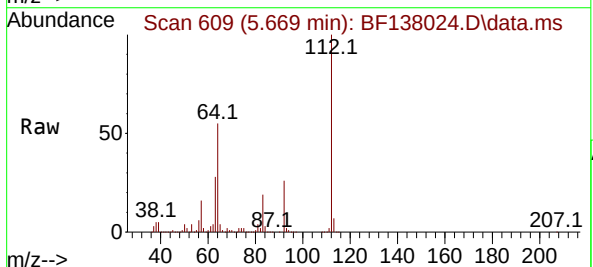
Instrument :
BNA_F
ClientSampleId :
PB161047TB

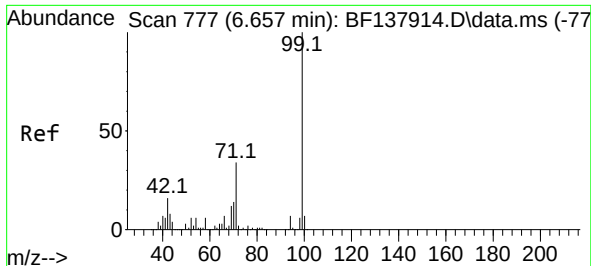
Tgt Ion:152 Resp: 140989
Ion Ratio Lower Upper
152 100
150 156.7 125.7 188.5
115 60.1 47.0 70.6



#5
2-Fluorophenol
Concen: 130.115 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

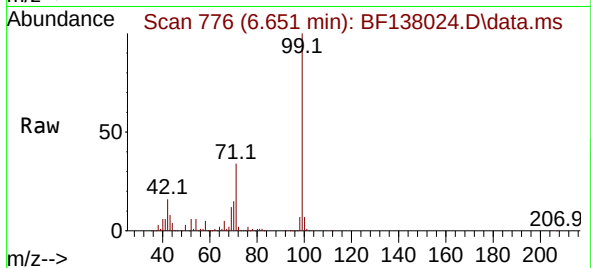
Tgt Ion:112 Resp: 1079967
Ion Ratio Lower Upper
112 100
64 55.5 42.4 63.6
63 28.5 21.4 32.2





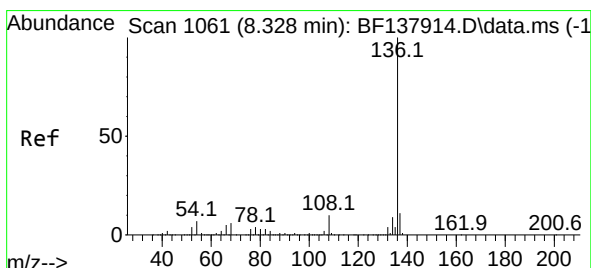
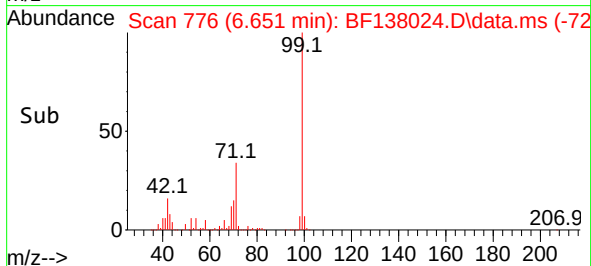
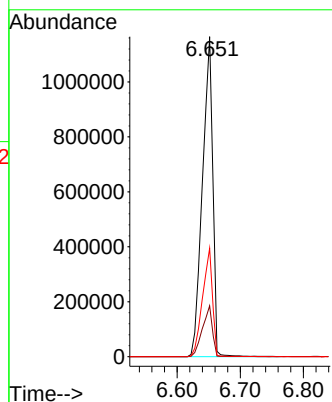
#7
Phenol-d6
Concen: 129.449 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

Instrument :
BNA_F
ClientSampleId :
PB161047TB



Tgt Ion: 99 Resp: 1323540

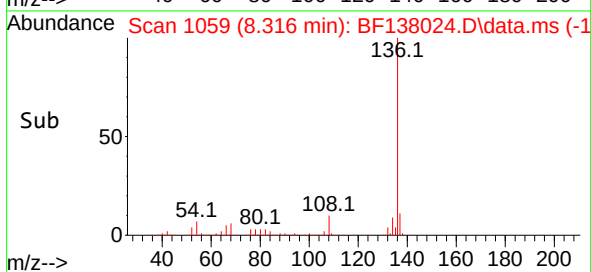
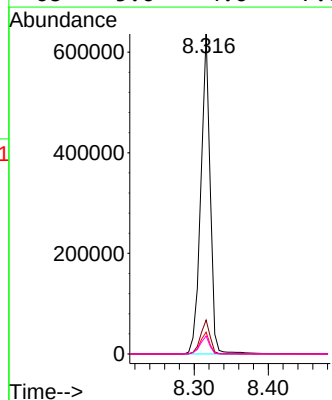
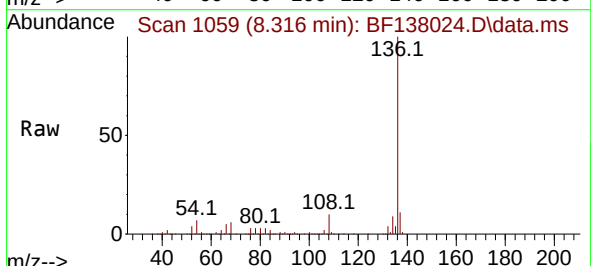
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.6	18.8
71	33.9	27.1	40.7

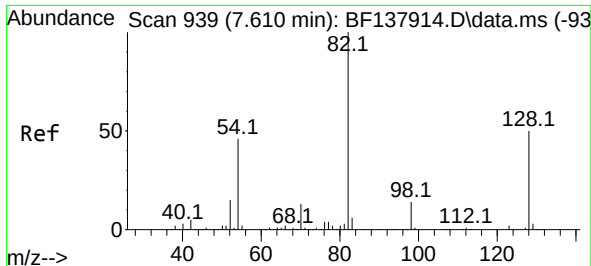


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

Tgt Ion: 136 Resp: 556531

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.8	5.4	8.2
68	5.6	4.6	7.0

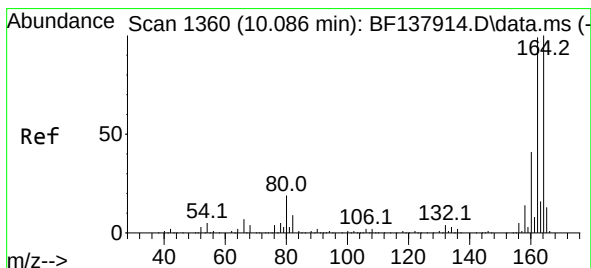
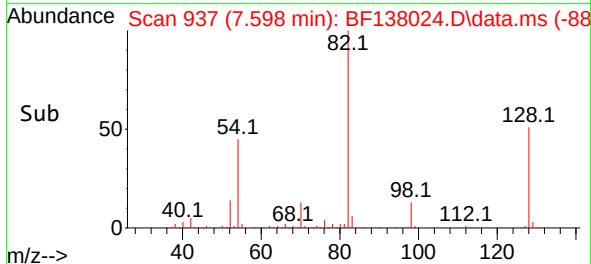
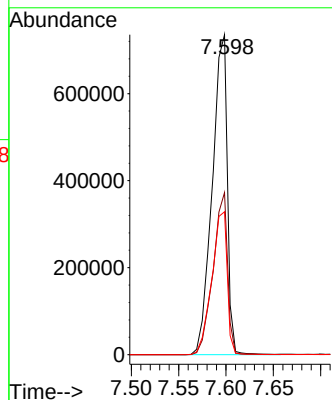
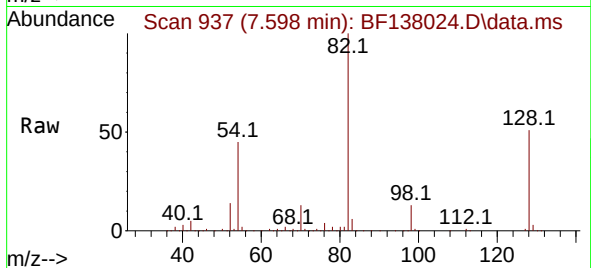




#23
Nitrobenzene-d5
Concen: 85.938 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

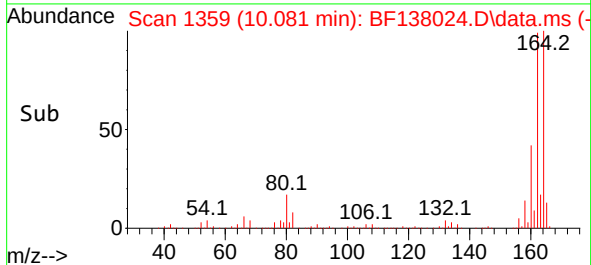
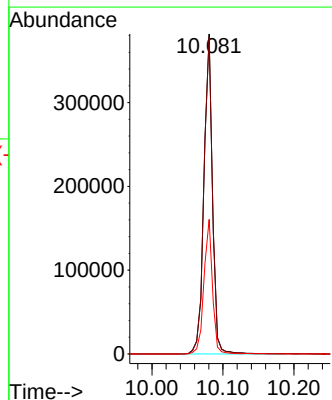
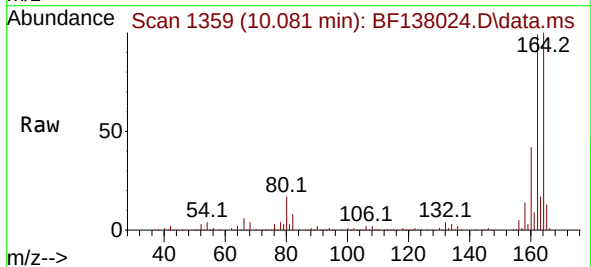
Instrument :
BNA_F
ClientSampleId :
PB161047TB

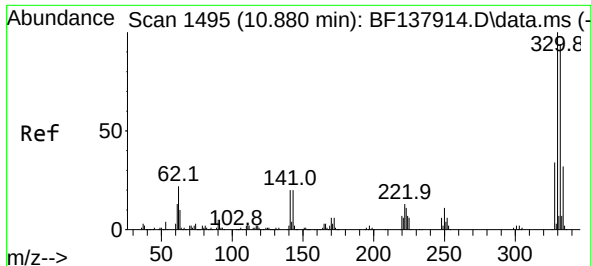
Tgt Ion: 82 Resp: 812689
Ion Ratio Lower Upper
82 100
128 50.6 40.3 60.5
54 44.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

Tgt Ion:164 Resp: 319877
Ion Ratio Lower Upper
164 100
162 99.0 79.4 119.2
160 42.0 33.1 49.7

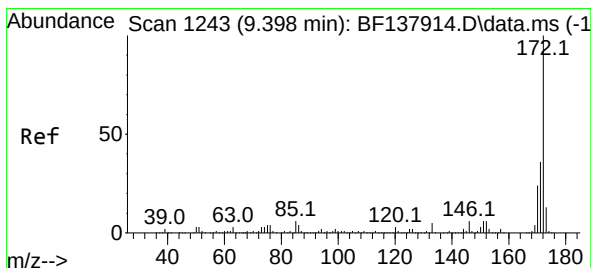
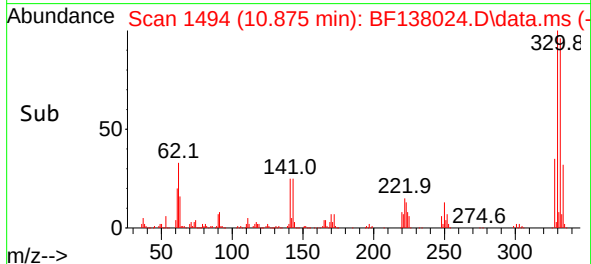
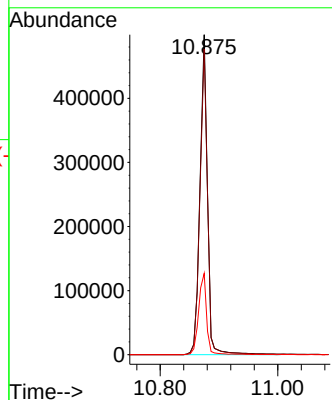
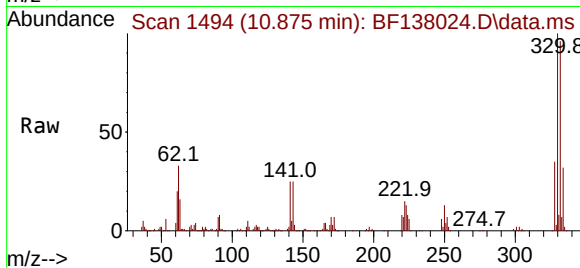




#42
2,4,6-Tribromophenol
Concen: 137.248 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

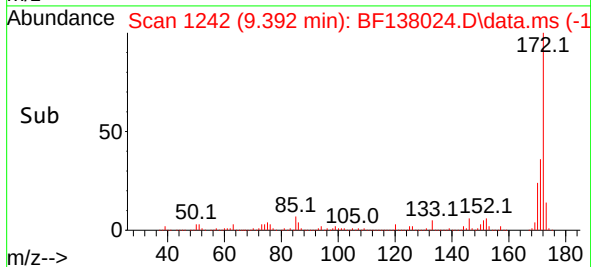
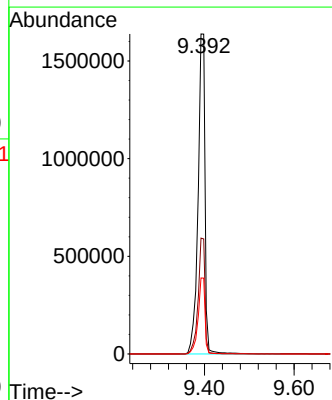
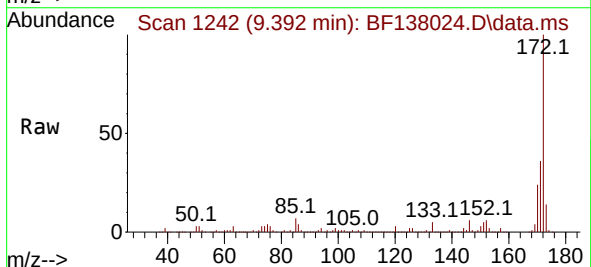
Instrument :
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ClientSampleId :
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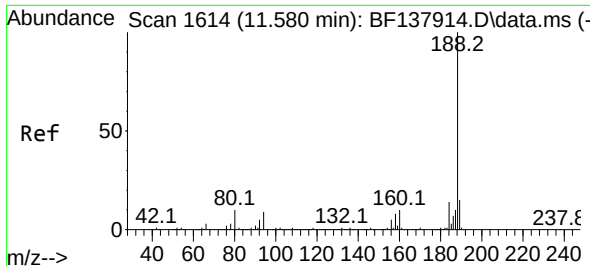
Tgt Ion:330 Resp: 442668
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.8
141 27.2 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 85.136 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

Tgt Ion:172 Resp: 1767943
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.8 18.9 28.3

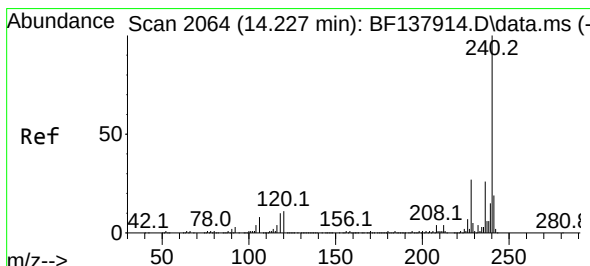
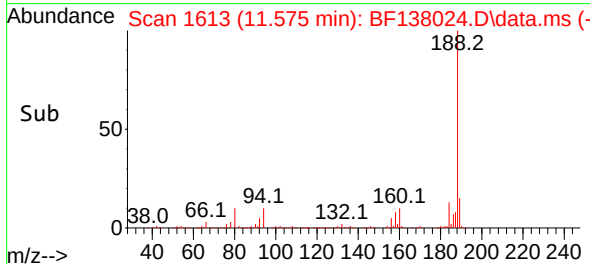
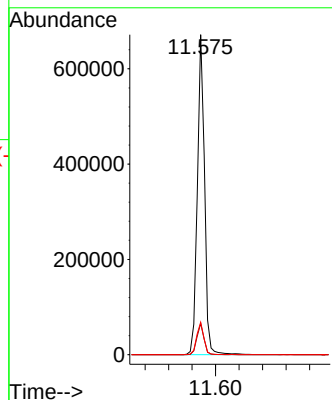
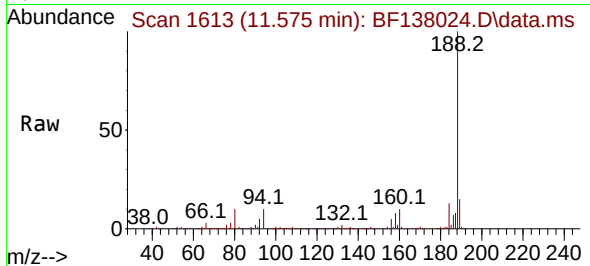




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

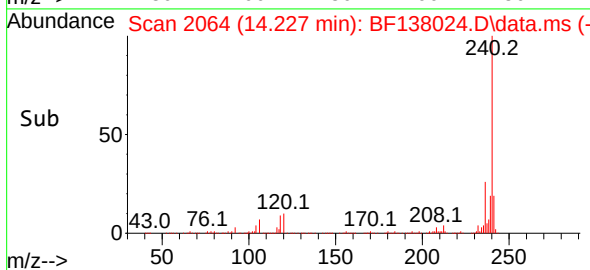
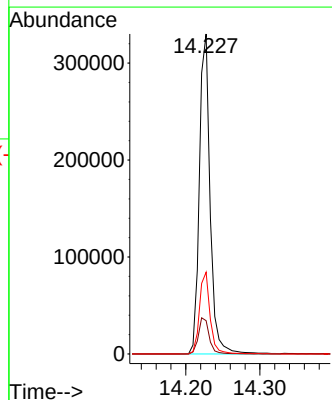
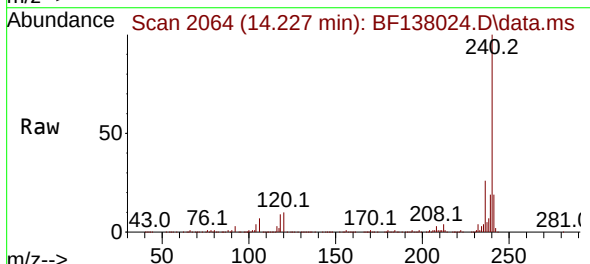
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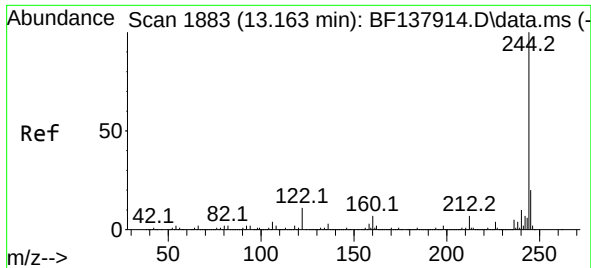
Tgt Ion:188 Resp: 567843
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.4
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

Tgt Ion:240 Resp: 331311
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.5 21.0 31.4

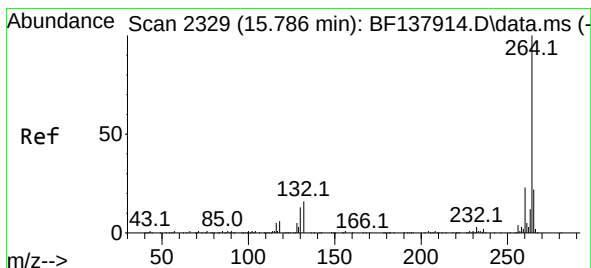
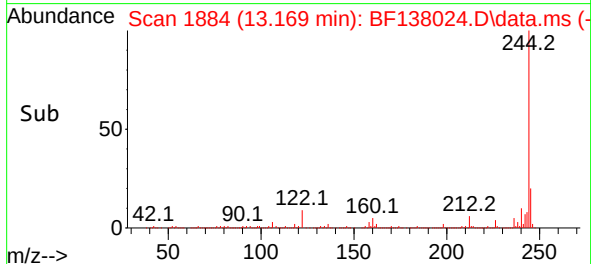
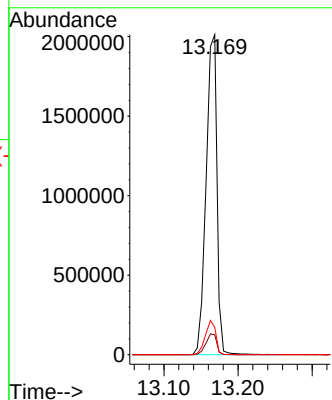
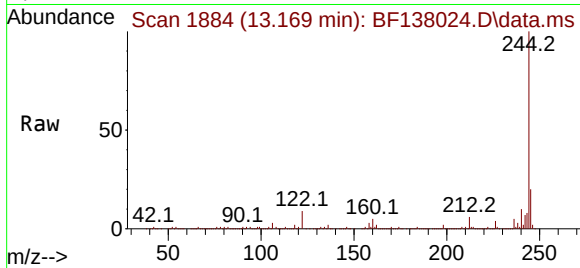




#79
Terphenyl-d14
Concen: 91.396 ng
RT: 13.169 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

Instrument :
BNA_F
ClientSampleId :
PB161047TB

Tgt Ion:244 Resp: 2054597
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 8.5 8.8 13.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.792 min Scan# 2330
Delta R.T. 0.006 min
Lab File: BF138024.D
Acq: 23 May 2024 13:21

Tgt Ion:264 Resp: 264507
Ion Ratio Lower Upper
264 100
260 22.5 18.3 27.5
265 21.6 17.6 26.4

