

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
Data File : BF138019.D
Acq On : 23 May 2024 10:48
Operator : CG\JU
Sample : PB161055BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161055BL

Quant Time: May 23 11:34:22 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	136514	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	546410	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	315767	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	559409	20.000	ng	0.00
76) Chrysene-d12	14.227	240	325388	20.000	ng	0.00
86) Perylene-d12	15.792	264	267843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1048744	130.495	ng	0.00
7) Phenol-d6	6.651	99	1294101	130.719	ng	0.00
23) Nitrobenzene-d5	7.598	82	786880	84.750	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	443416	139.269	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1711473	83.490	ng	0.00
79) Terphenyl-d14	13.168	244	2007293	90.918	ng	0.00

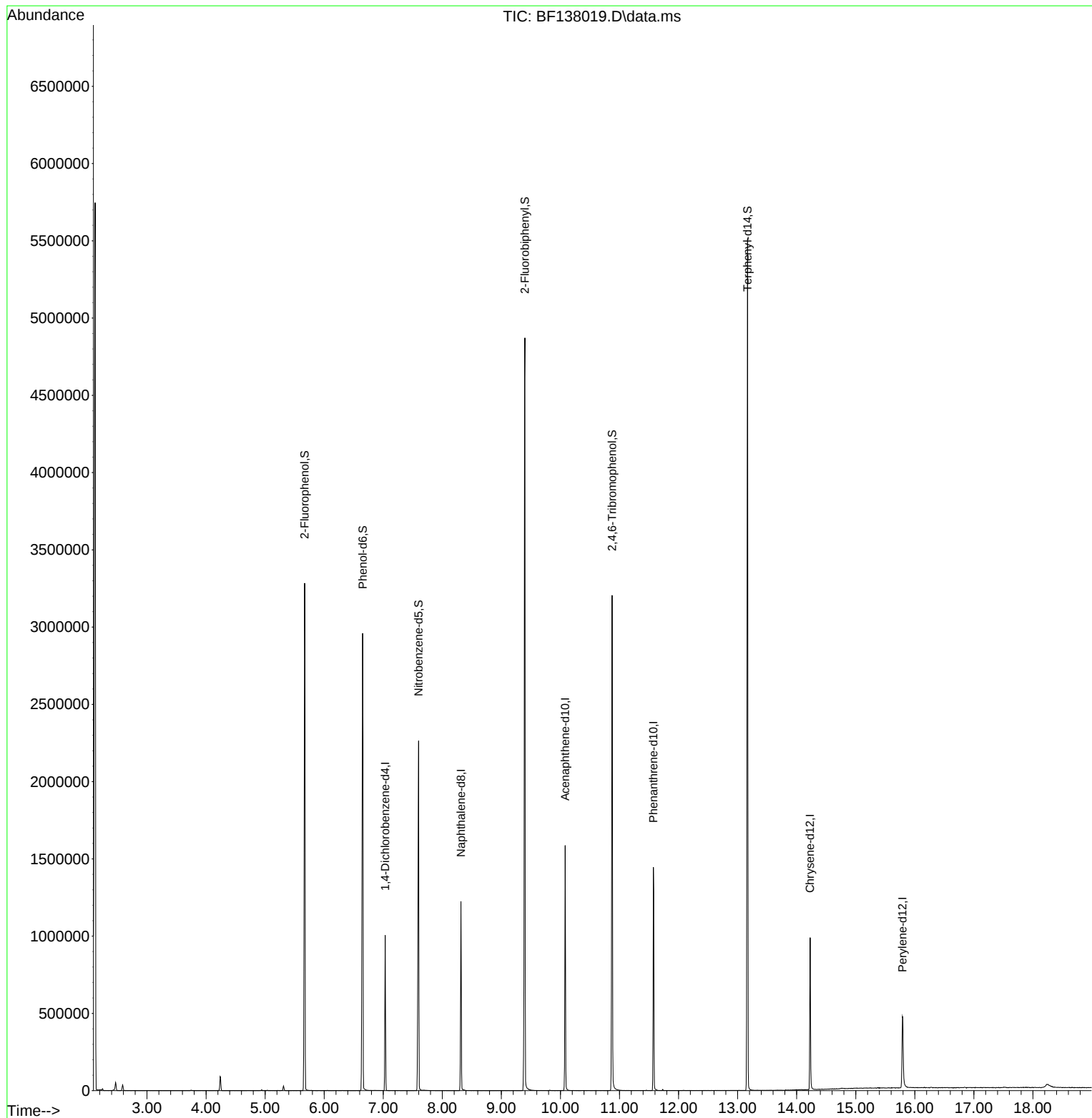
Target Compounds	Qvalue

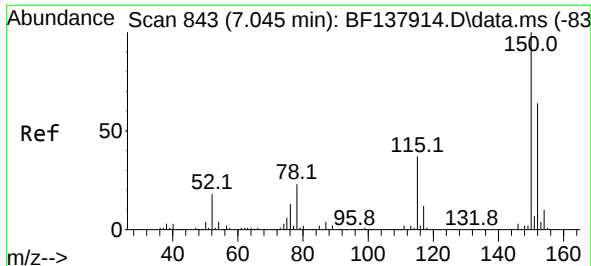
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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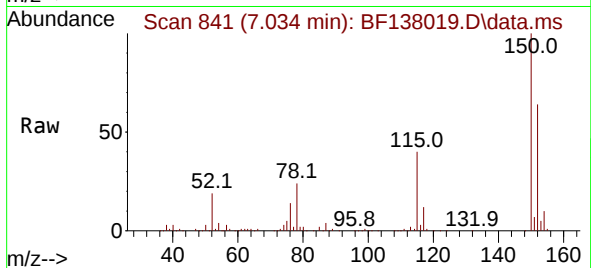
Quant Time: May 23 11:34:22 2024
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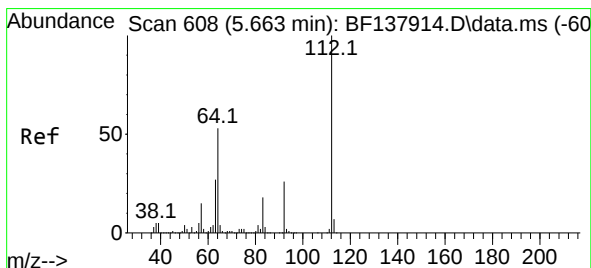
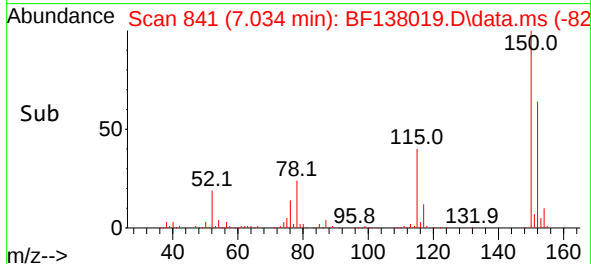
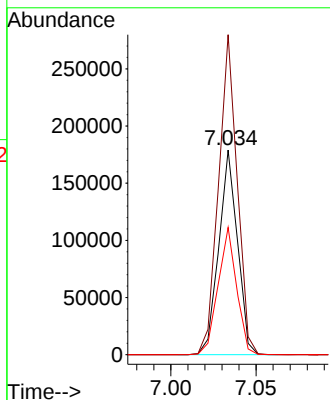


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

Instrument :
BNA_F
ClientSampleId :
PB161055BL

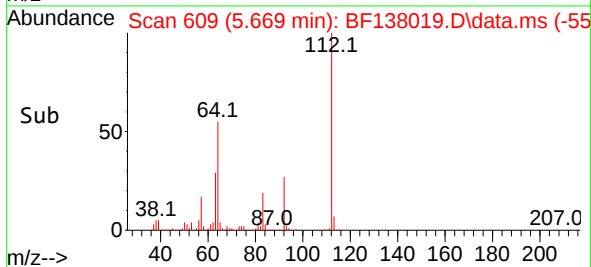
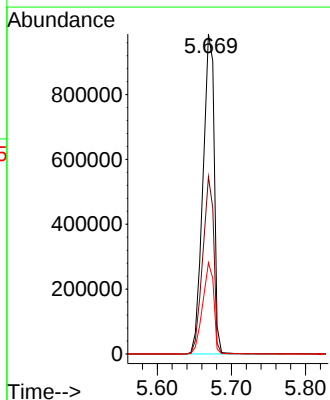
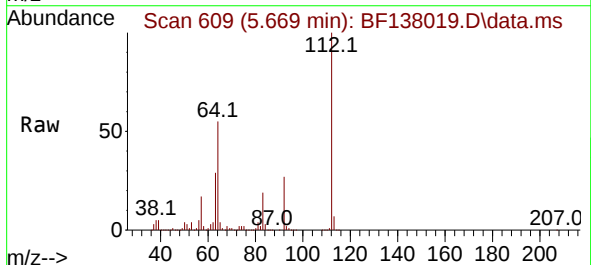


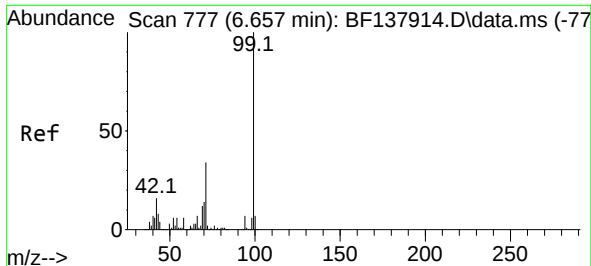
Tgt Ion:152 Resp: 136514
Ion Ratio Lower Upper
152 100
150 156.3 125.7 188.5
115 62.1 47.0 70.6



#5
2-Fluorophenol
Concen: 130.495 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

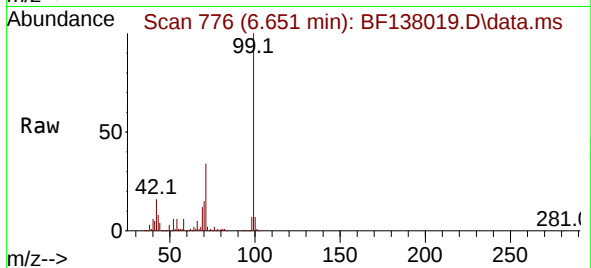
Tgt Ion:112 Resp: 1048744
Ion Ratio Lower Upper
112 100
64 55.4 42.4 63.6
63 28.5 21.4 32.2





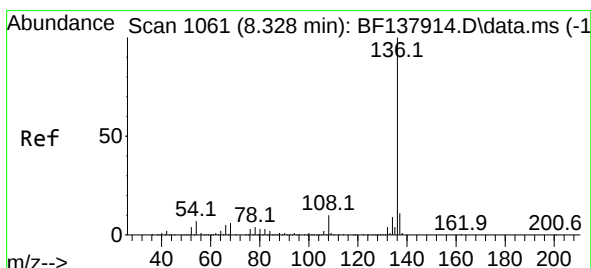
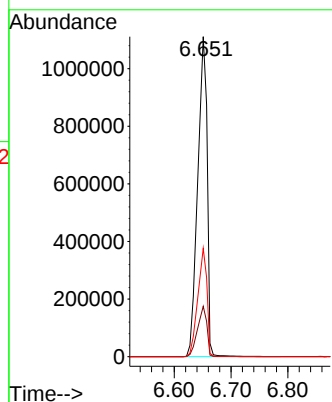
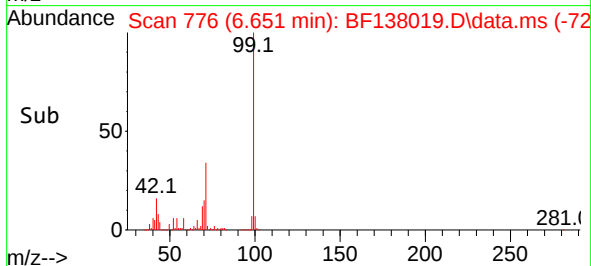
#7
Phenol-d6
Concen: 130.719 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

Instrument :
BNA_F
ClientSampleId :
PB161055BL

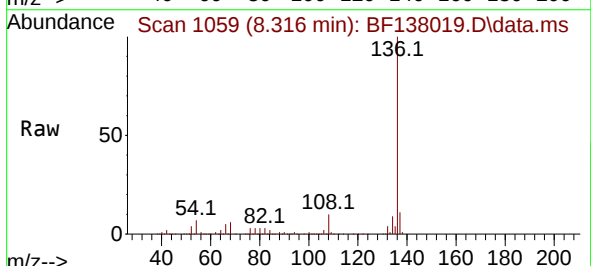


Tgt Ion: 99 Resp: 1294101

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.6	18.8
71	33.8	27.1	40.7

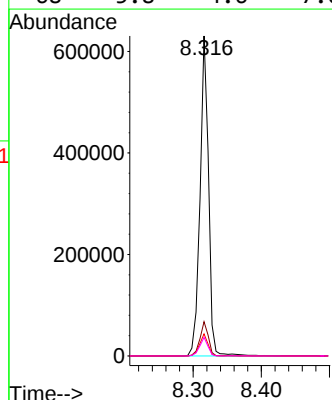
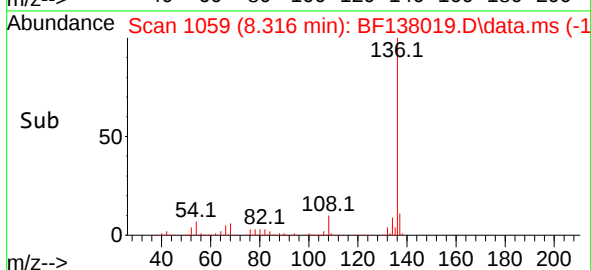


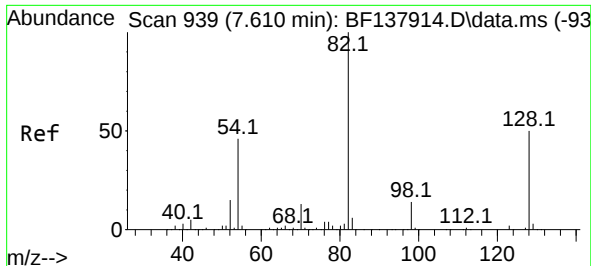
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48



Tgt Ion: 136 Resp: 546410

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.9	5.4	8.2
68	5.8	4.6	7.0





#23

Nitrobenzene-d5

Concen: 84.750 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138019.D

Acq: 23 May 2024 10:48

Instrument :

BNA_F

ClientSampleId :

PB161055BL

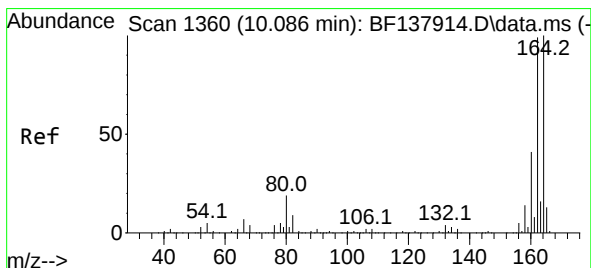
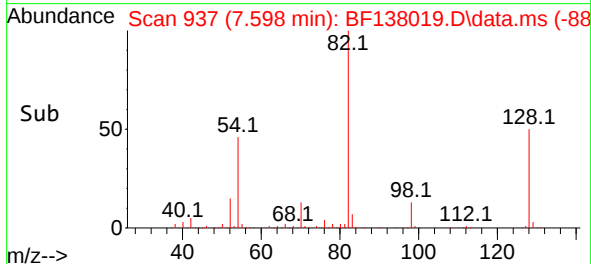
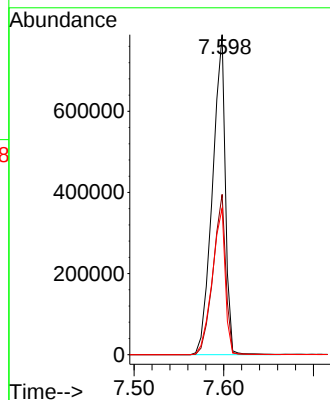
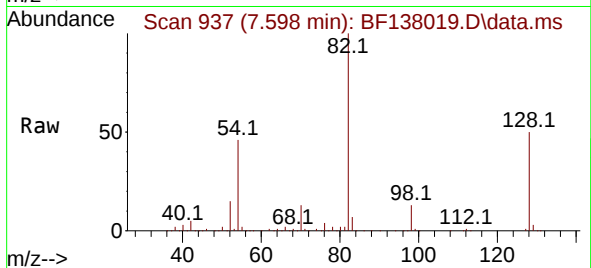
Tgt Ion: 82 Resp: 786880

Ion Ratio Lower Upper

82 100

128 50.1 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: BF138019.D

Acq: 23 May 2024 10:48

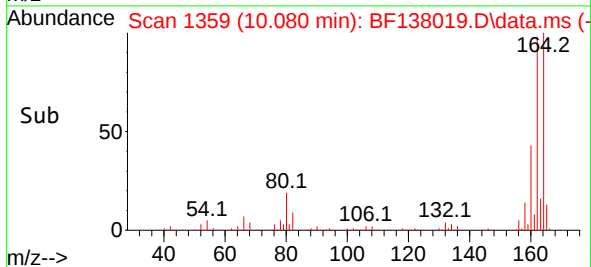
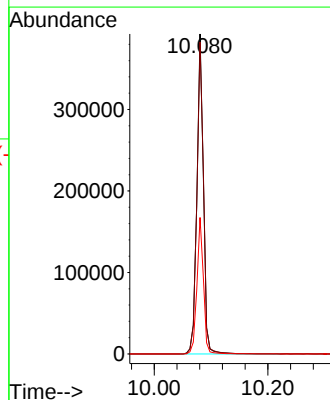
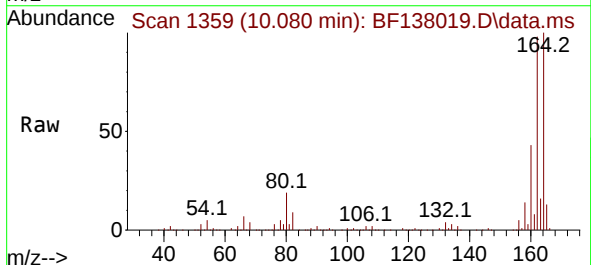
Tgt Ion:164 Resp: 315767

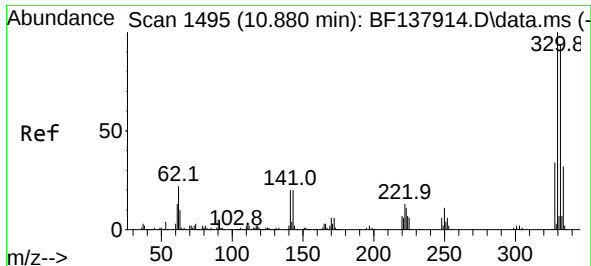
Ion Ratio Lower Upper

164 100

162 97.5 79.4 119.2

160 42.6 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 139.269 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138019.D

Acq: 23 May 2024 10:48

Instrument :

BNA_F

ClientSampleId :

PB161055BL

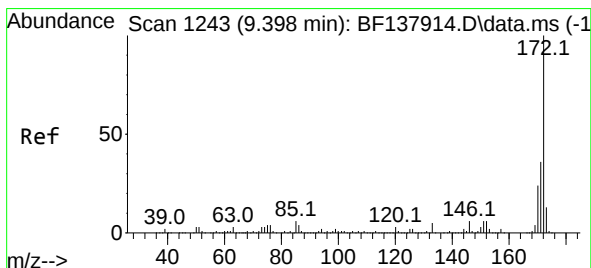
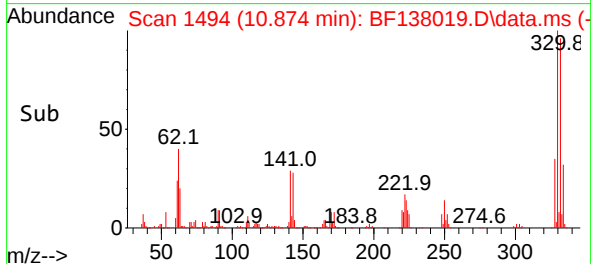
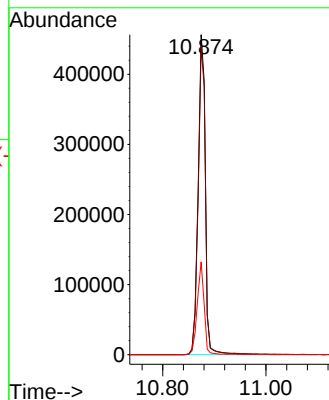
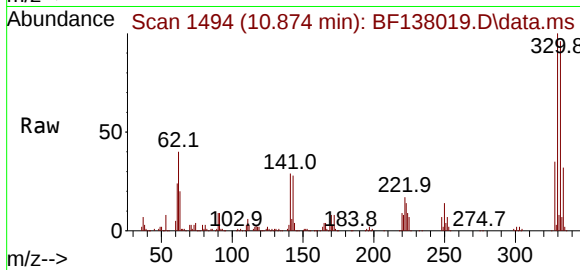
Tgt Ion:330 Resp: 443416

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.8

141 27.8 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 83.490 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF138019.D

Acq: 23 May 2024 10:48

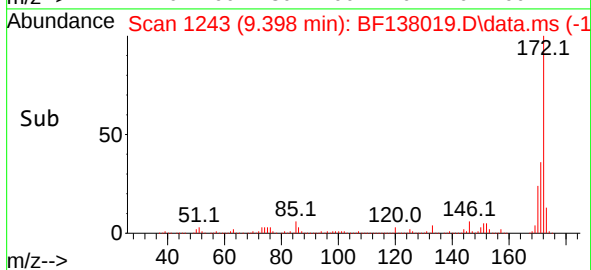
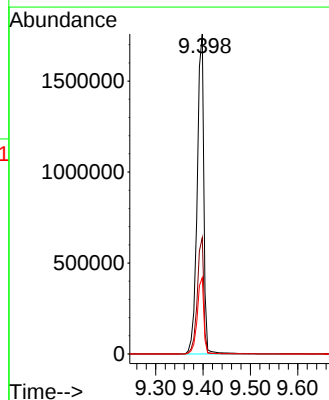
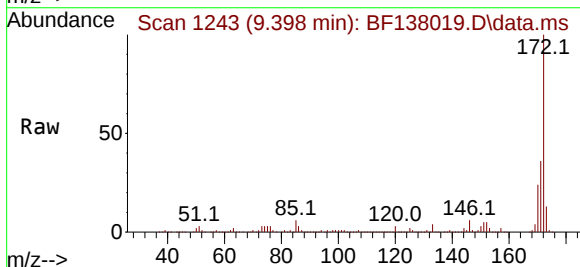
Tgt Ion:172 Resp: 1711473

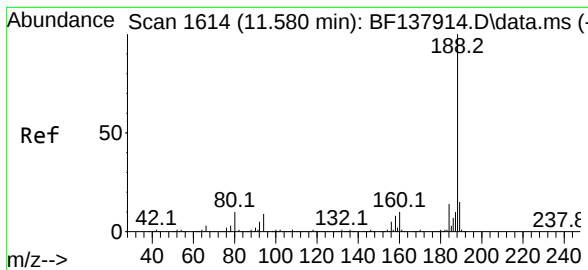
Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

170 23.9 18.9 28.3

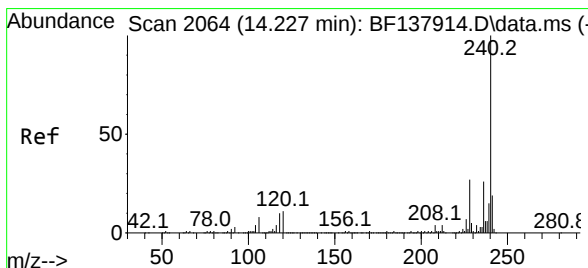
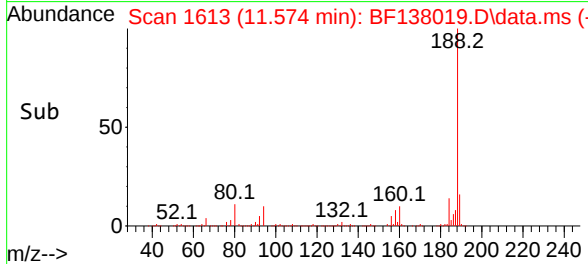
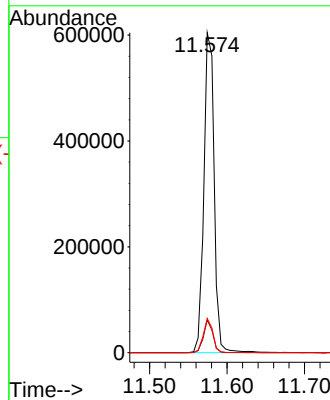
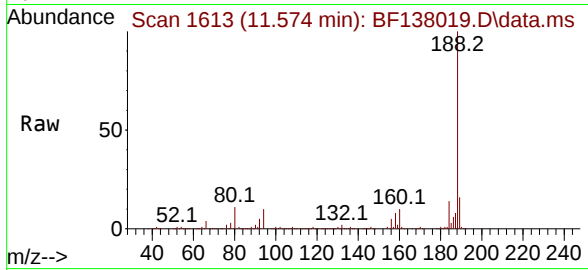




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

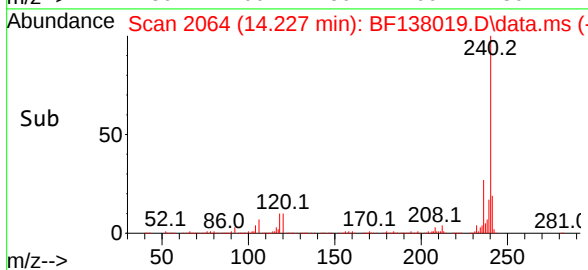
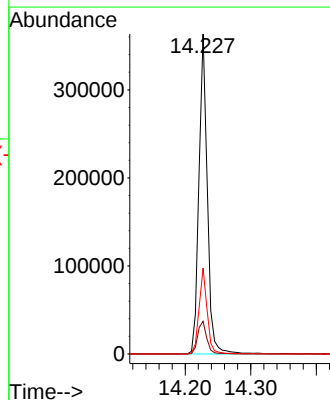
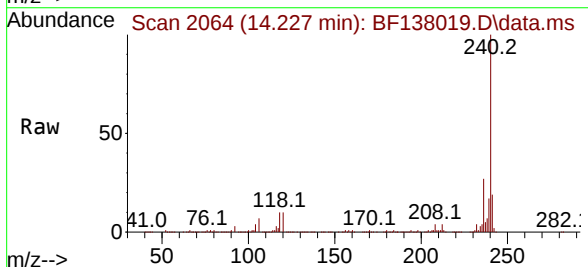
Instrument :
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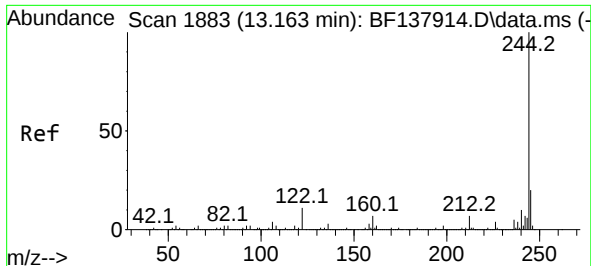
Tgt Ion:188 Resp: 559409
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.4
80 10.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

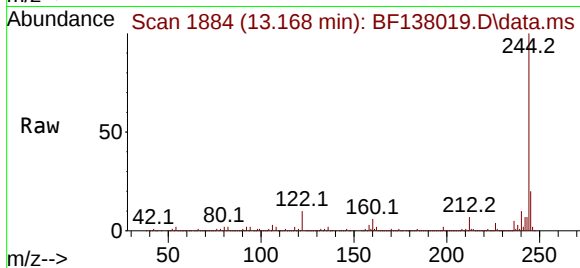
Tgt Ion:240 Resp: 325388
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.8 21.0 31.4



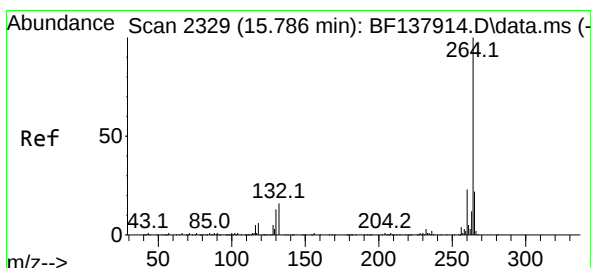
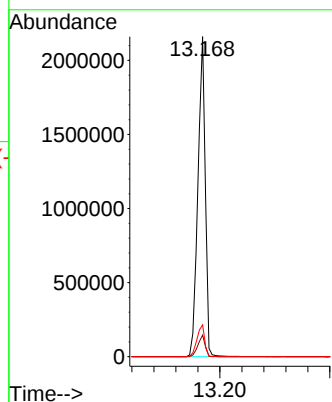
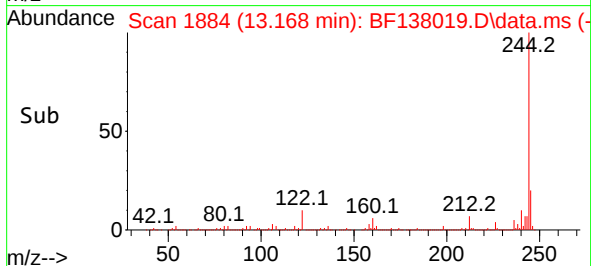


#79
 Terphenyl-d14
 Concen: 90.918 ng
 RT: 13.168 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138019.D
 Acq: 23 May 2024 10:48

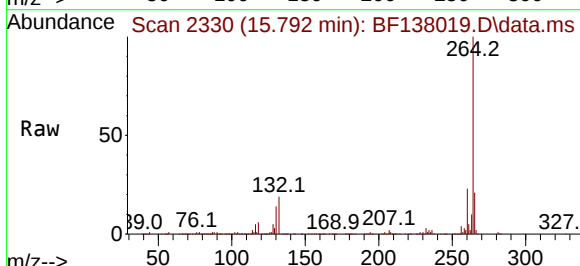
Instrument :
 BNA_F
 ClientSampleId :
 PB161055BL



Tgt Ion:244 Resp: 2007293
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.0 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: BF138019.D
 Acq: 23 May 2024 10:48



Tgt Ion:264 Resp: 267843
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 20.8 17.6 26.4

