

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138914.D
 Acq On : 10 Aug 2024 17:21
 Operator : RC/JU
 Sample : P3476-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MUL07

Quant Time: Aug 12 01:16:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	34659	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	144676	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	74060	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	112514	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	66059	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	79830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	200794	89.430	ng	0.00
7) Phenol-d6	6.481	99	173151	57.439	ng	0.00
23) Nitrobenzene-d5	7.404	82	276827	93.550	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	86232	142.144	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	485374	98.471	ng	-0.01
79) Terphenyl-d14	12.939	244	351881	89.184	ng	0.00

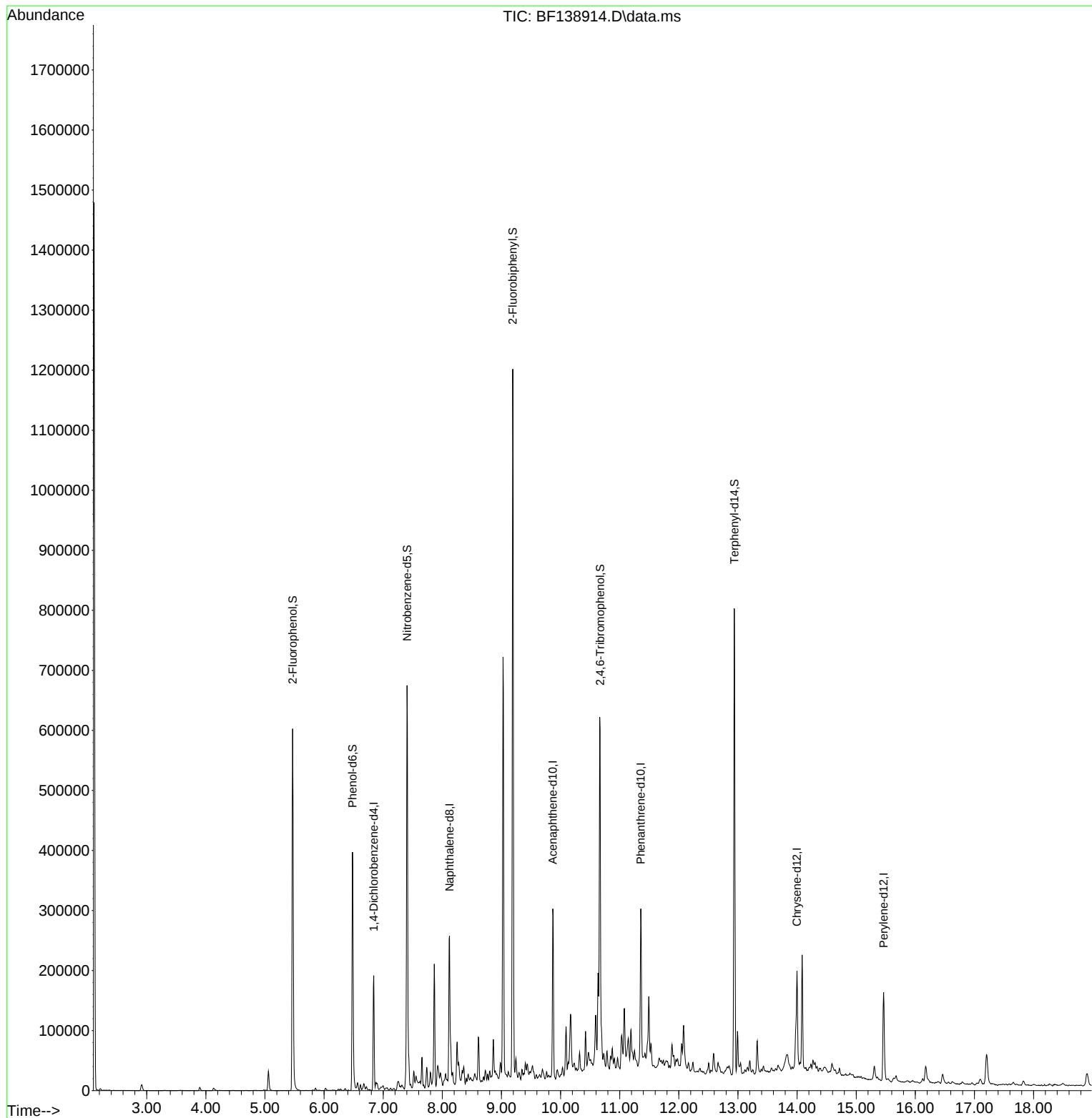
Target Compounds	Qvalue

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

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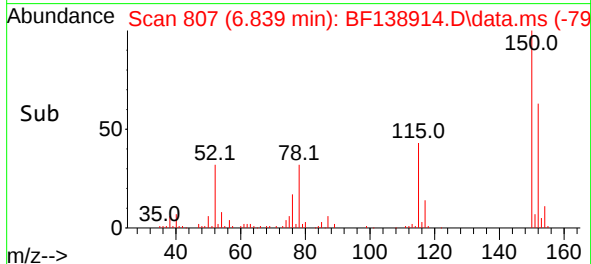
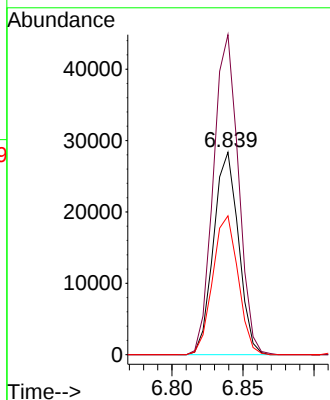
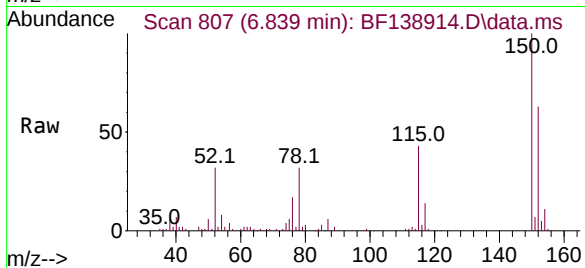




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

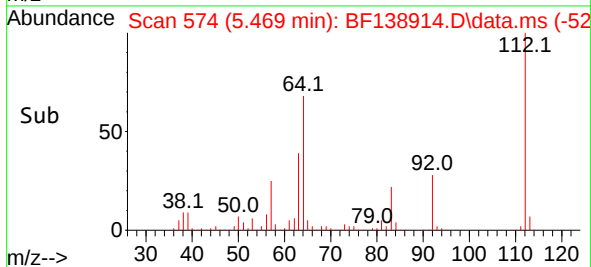
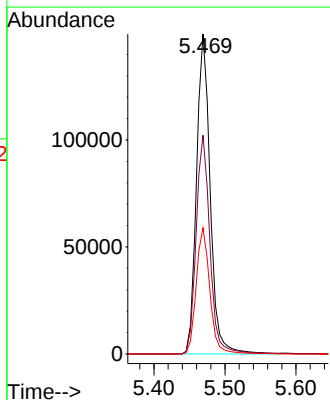
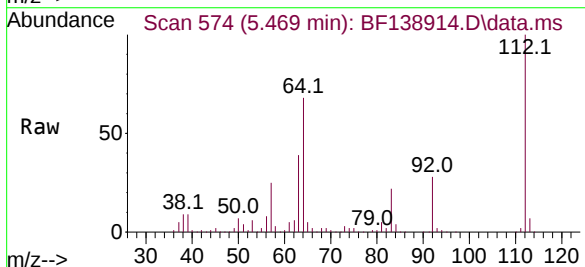
Instrument :
BNA_F
ClientSampleId :
MUL07

Tgt Ion:152 Resp: 34659
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 68.6 51.7 77.5



#5
2-Fluorophenol
Concen: 89.430 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

Tgt Ion:112 Resp: 200794
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 39.4 28.7 43.1

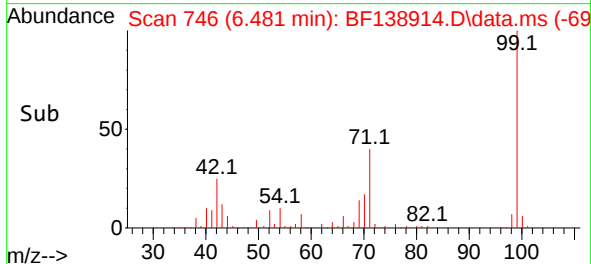
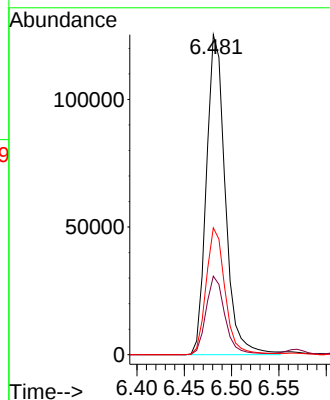
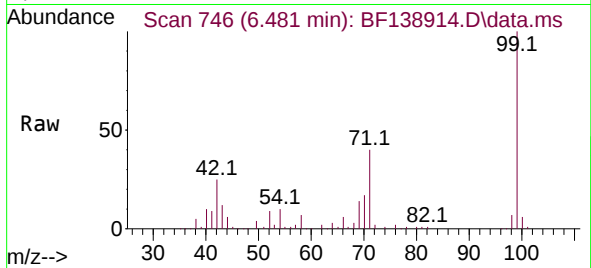




#7
Phenol-d6
Concen: 57.439 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

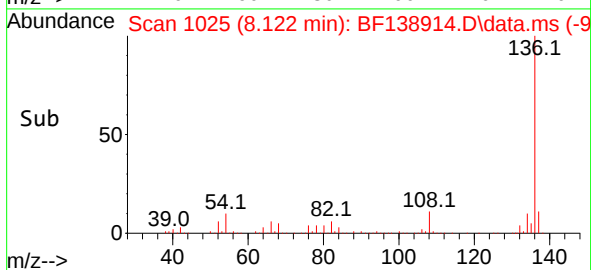
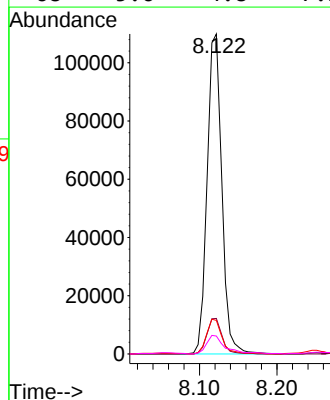
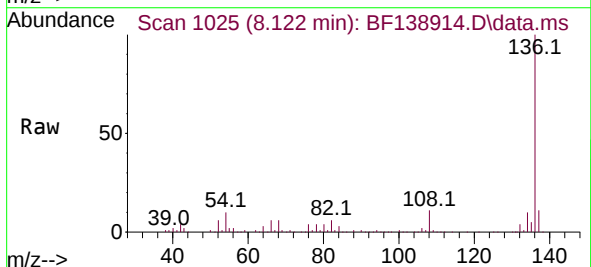
Instrument :
BNA_F
ClientSampleId :
MUL07

Tgt Ion: 99 Resp: 173151
Ion Ratio Lower Upper
99 100
42 24.6 17.4 26.0
71 39.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

Tgt Ion: 136 Resp: 144676
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.5 8.6 12.8
68 5.6 4.8 7.2

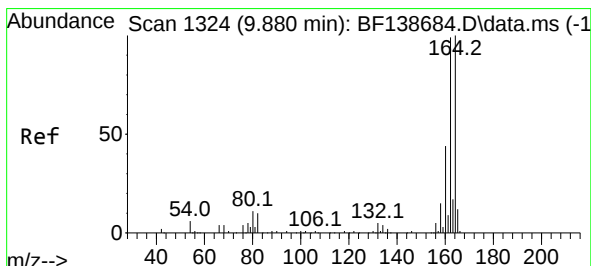
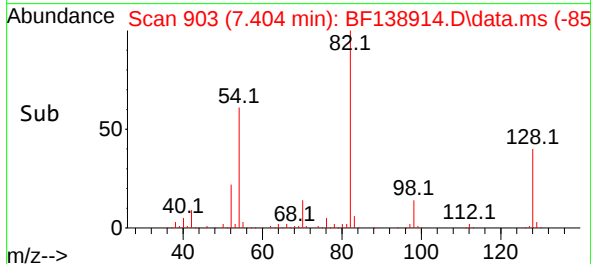
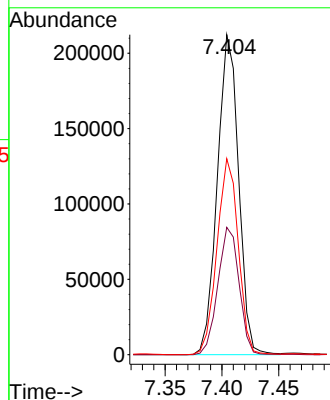
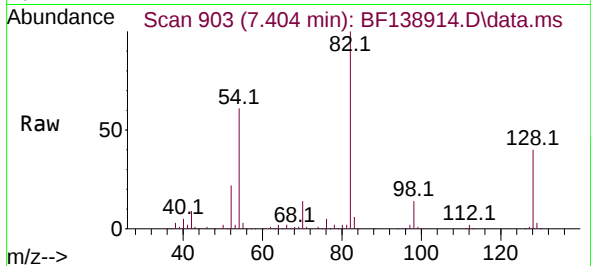




#23
Nitrobenzene-d5
Concen: 93.550 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

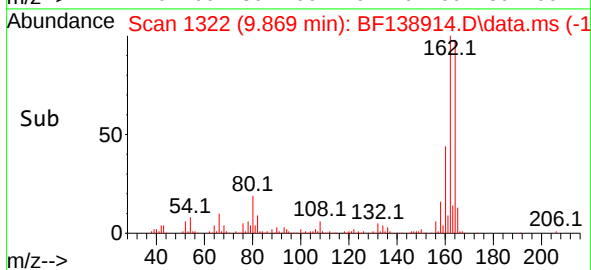
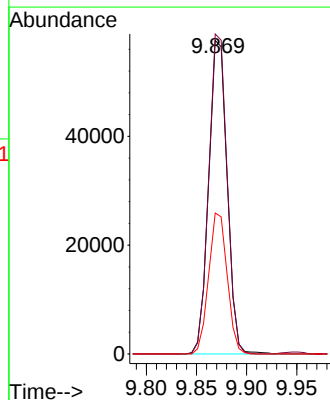
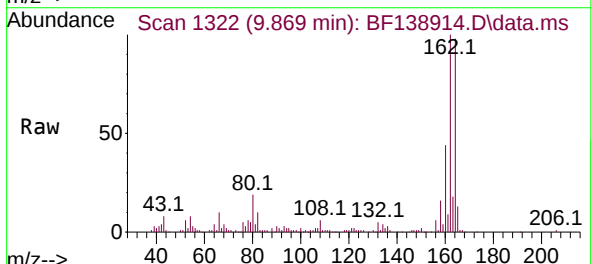
Instrument :
BNA_F
ClientSampleId :
MUL07

Tgt Ion: 82 Resp: 276827
Ion Ratio Lower Upper
82 100
128 39.8 32.8 49.2
54 61.2 48.3 72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

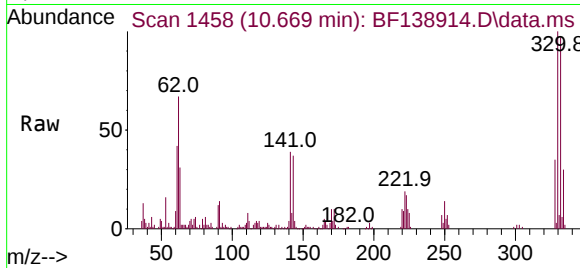
Tgt Ion:164 Resp: 74060
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.0
160 45.0 35.1 52.7



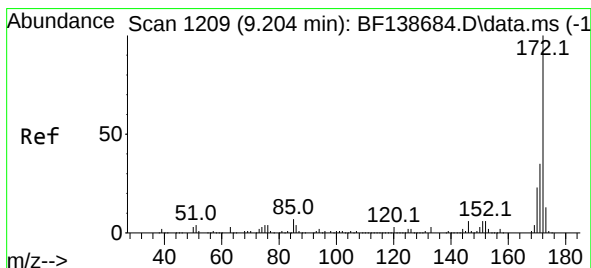
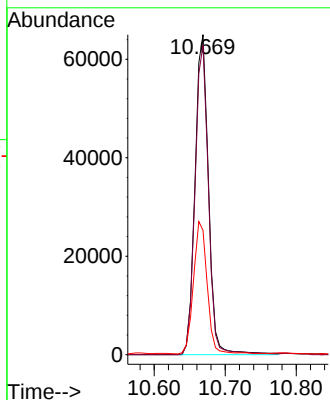
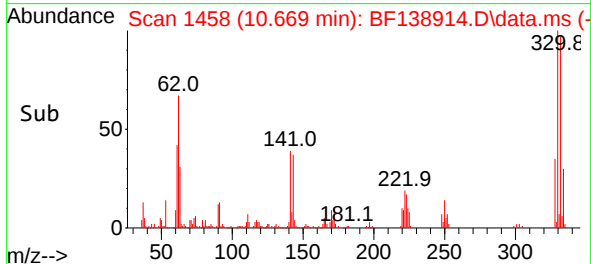


#42
2,4,6-Tribromophenol
Concen: 142.144 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

Instrument :
BNA_F
ClientSampleId :
MUL07

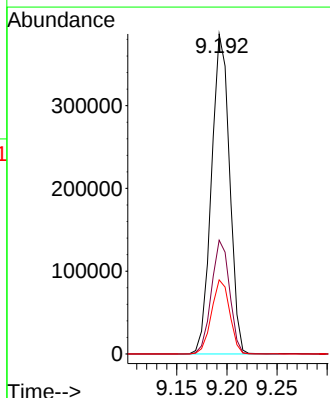
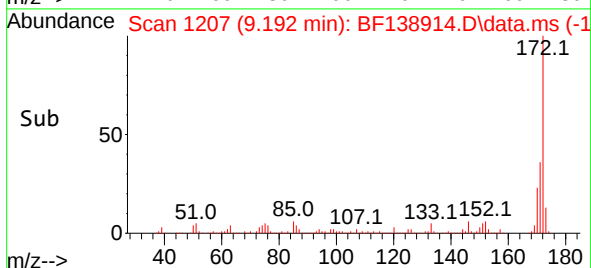
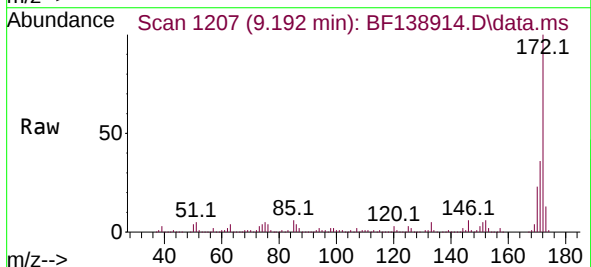


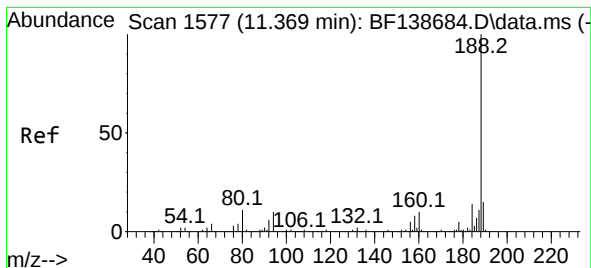
Tgt Ion:330 Resp: 86232
Ion Ratio Lower Upper
330 100
332 96.1 76.4 114.6
141 41.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 98.471 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138914.D
Acq: 10 Aug 2024 17:21

Tgt Ion:172 Resp: 485374
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.1 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138914.D

Acq: 10 Aug 2024 17:21

Instrument :

BNA_F

ClientSampleId :

MUL07

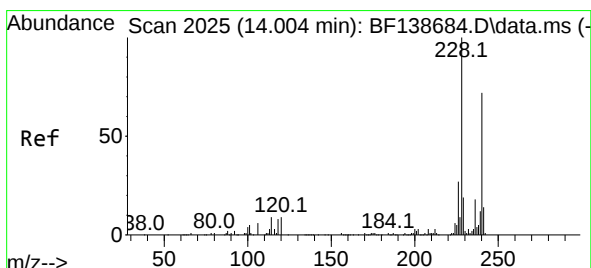
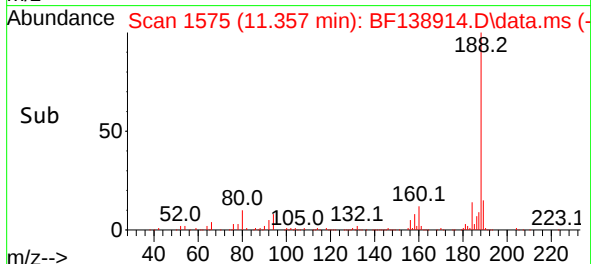
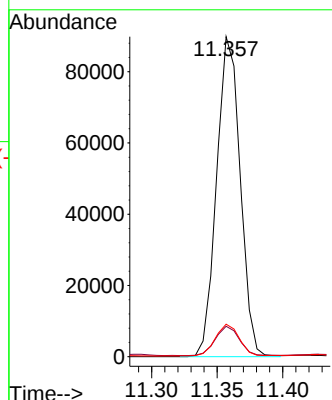
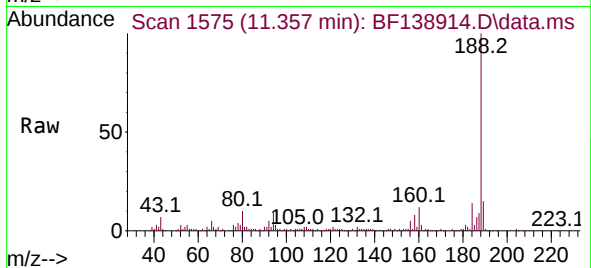
Tgt Ion:188 Resp: 112514

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 10.2 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF138914.D

Acq: 10 Aug 2024 17:21

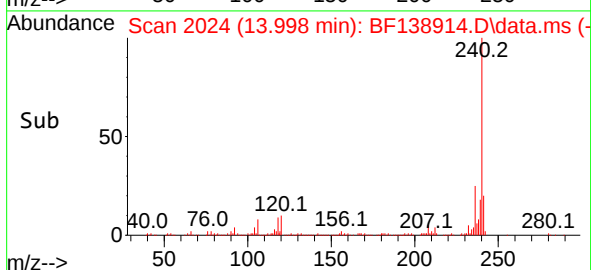
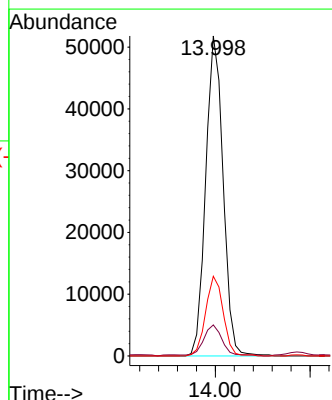
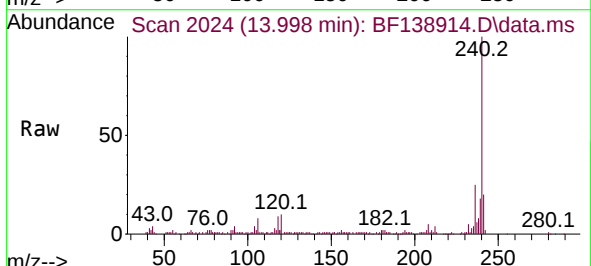
Tgt Ion:240 Resp: 66059

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

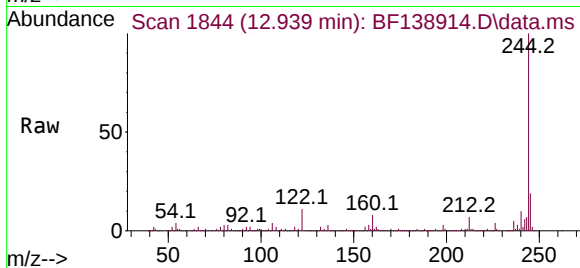
236 24.9 19.8 29.8



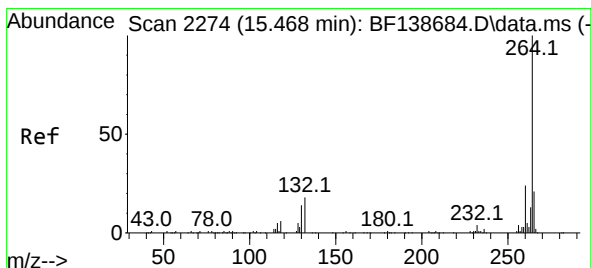
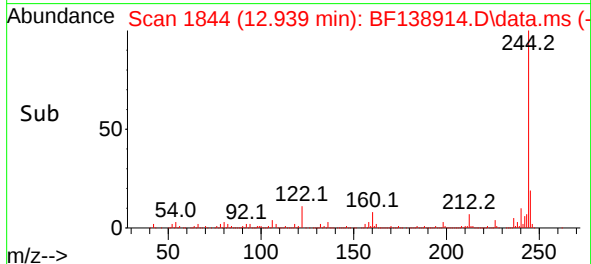
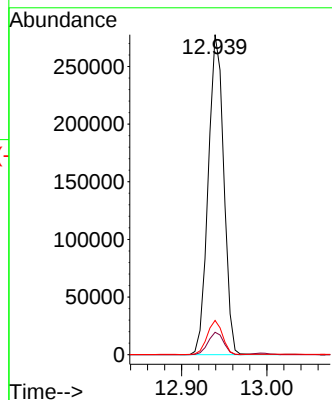


#79
 Terphenyl-d14
 Concen: 89.184 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138914.D
 Acq: 10 Aug 2024 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MUL07



Tgt Ion:244 Resp: 351881
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138914.D
 Acq: 10 Aug 2024 17:21

Tgt Ion:264 Resp: 79830
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 21.8 17.0 25.6

