

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138717.D
 Acq On : 01 Aug 2024 11:19
 Operator : RC/JU
 Sample : P3379-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-01-072324

Quant Time: Aug 01 11:52:08 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	6.846	152	64959	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	267825	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	154361	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	273050	20.000	ng	0.00
76) Chrysene-d12	14.004	240	146559	20.000	ng	0.00
86) Perylene-d12	15.474	264	128853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	390561	92.811	ng	0.00
7) Phenol-d6	6.481	99	537531	95.141	ng	0.00
23) Nitrobenzene-d5	7.404	82	347570	63.449	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	138452	109.498	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	628346	61.161	ng	0.00
79) Terphenyl-d14	12.951	244	696094	79.521	ng	0.00

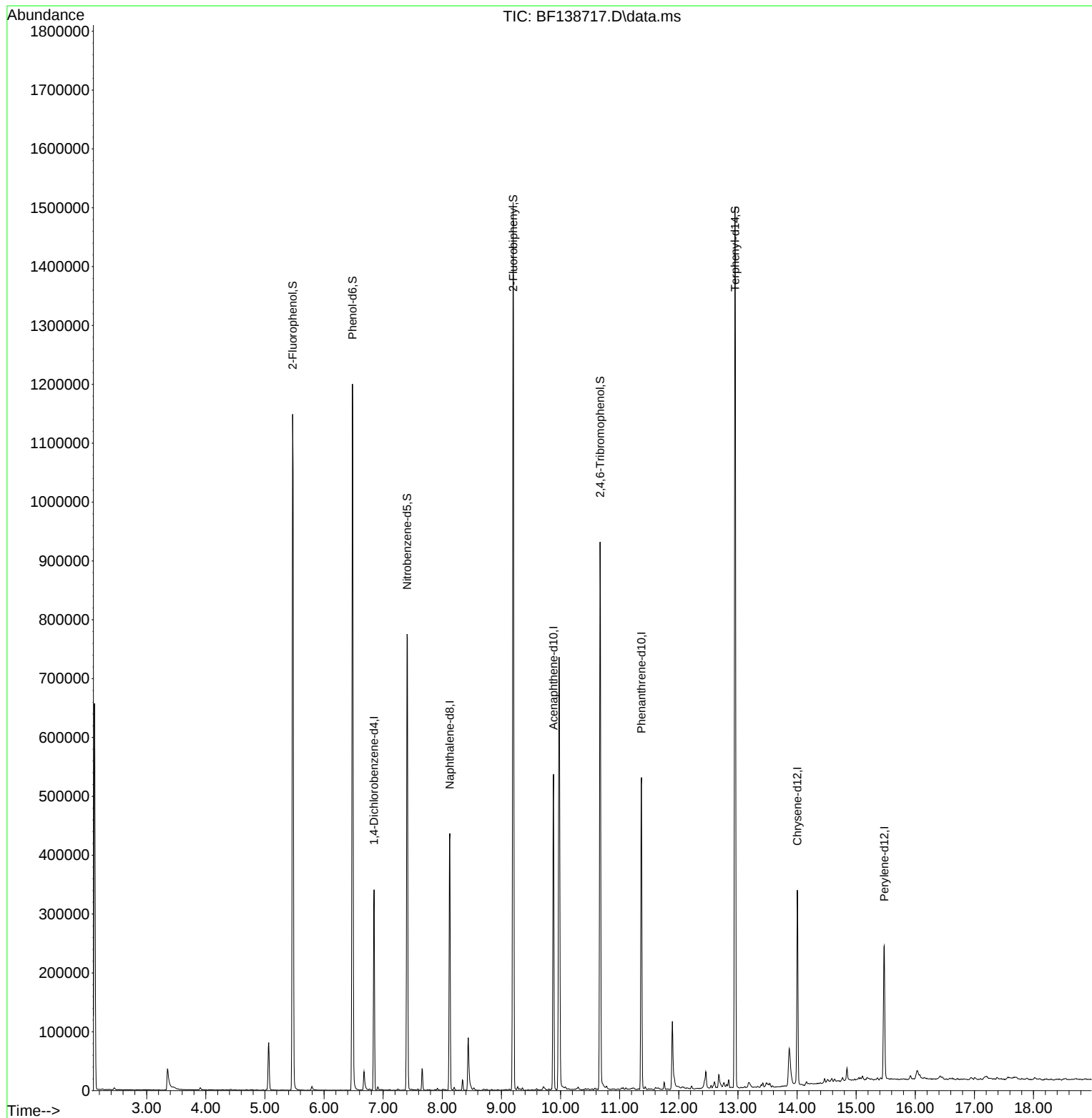
Target Compounds	Qvalue

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

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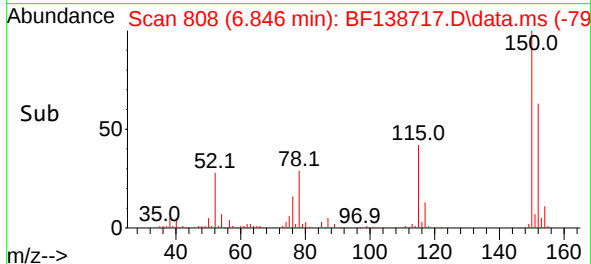
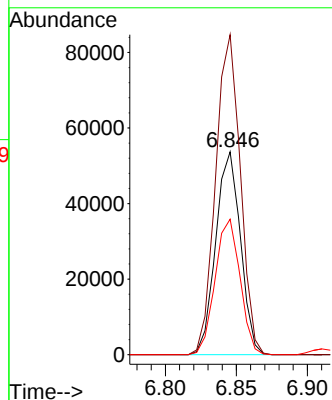
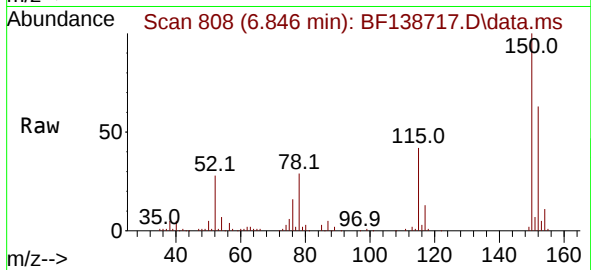




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

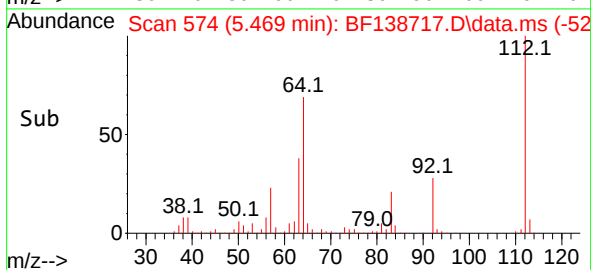
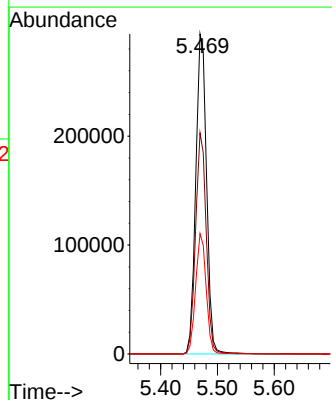
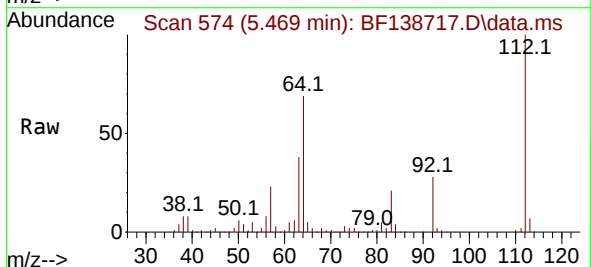
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324

Tgt Ion:152 Resp: 64959
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 66.8 51.7 77.5



#5
2-Fluorophenol
Concen: 92.811 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

Tgt Ion:112 Resp: 390561
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 37.6 28.7 43.1

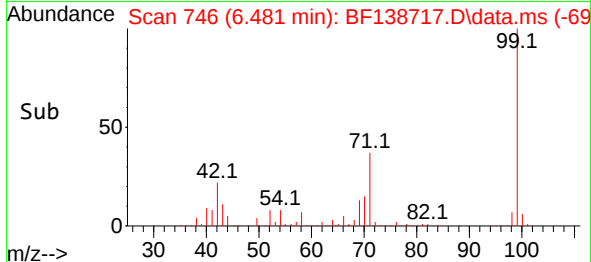
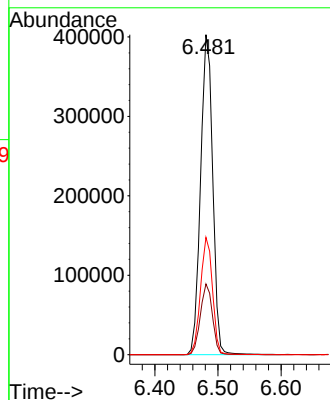
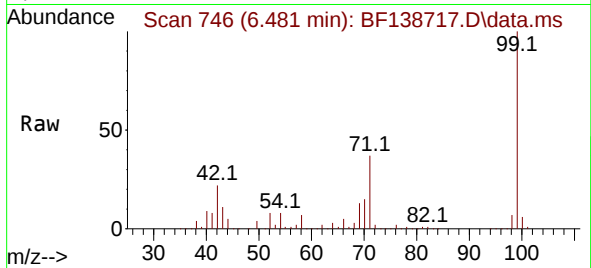




#7
Phenol-d6
Concen: 95.141 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

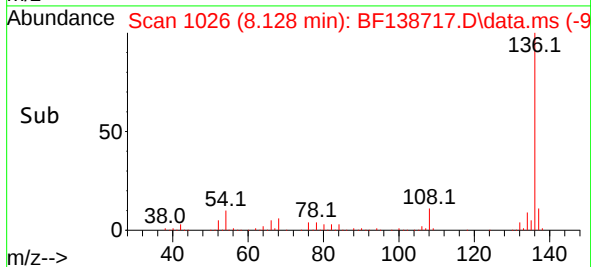
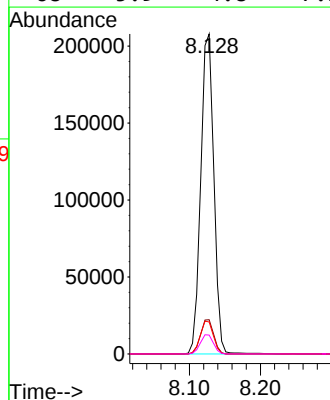
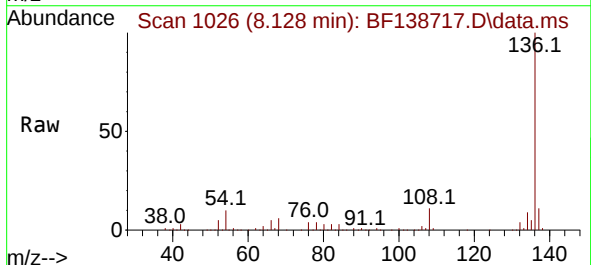
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324

Tgt Ion: 99 Resp: 537531
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.0
71 36.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

Tgt Ion: 136 Resp: 267825
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.0 8.6 12.8
68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 63.449 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138717.D

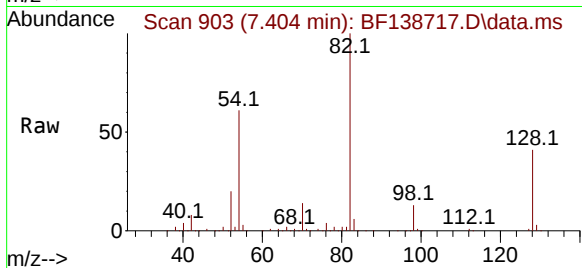
Acq: 01 Aug 2024 11:19

Instrument :

BNA_F

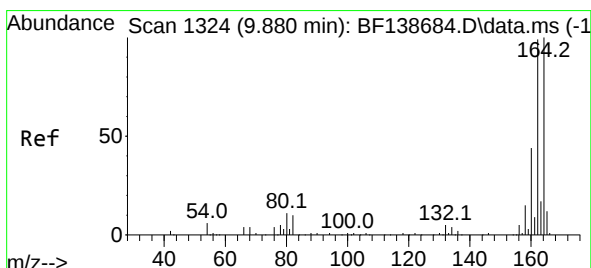
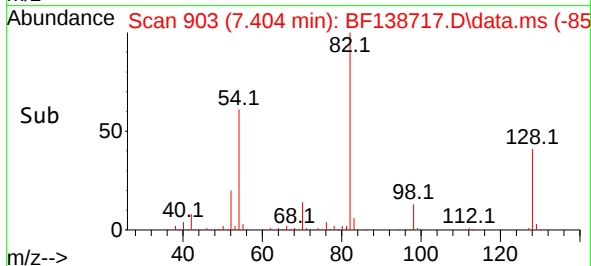
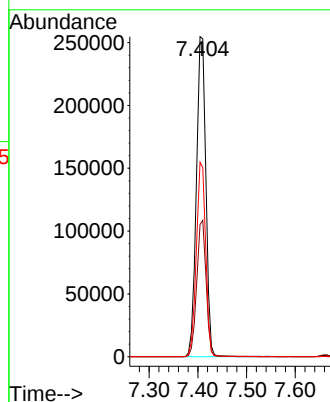
ClientSampleId :

OU4-PCS-01-072324



Tgt Ion: 82 Resp: 347570

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	60.7	48.3	72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1324

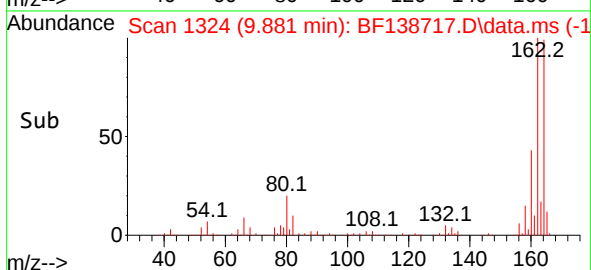
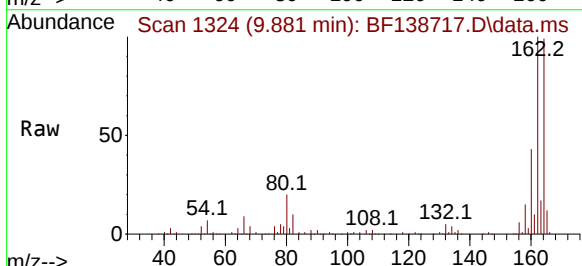
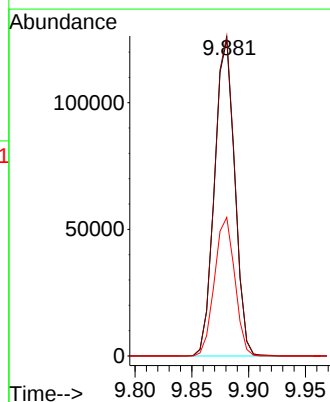
Delta R.T. 0.001 min

Lab File: BF138717.D

Acq: 01 Aug 2024 11:19

Tgt Ion: 164 Resp: 154361

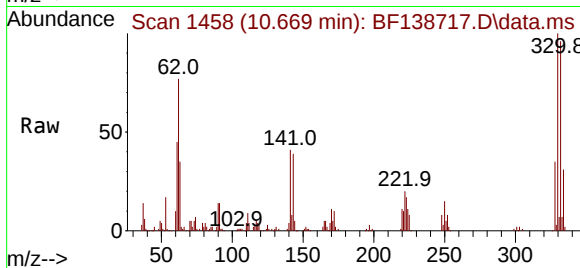
Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.4	119.0
160	43.8	35.1	52.7



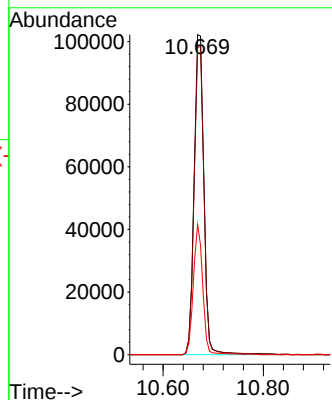
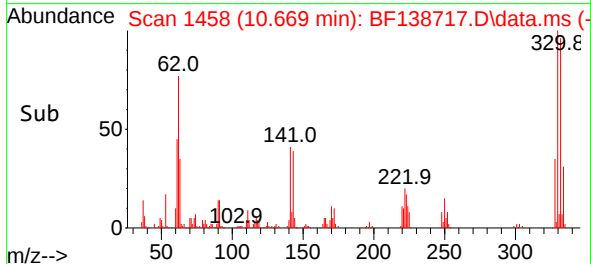


#42
 2,4,6-Tribromophenol
 Concen: 109.498 ng
 RT: 10.669 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: BF138717.D
 Acq: 01 Aug 2024 11:19

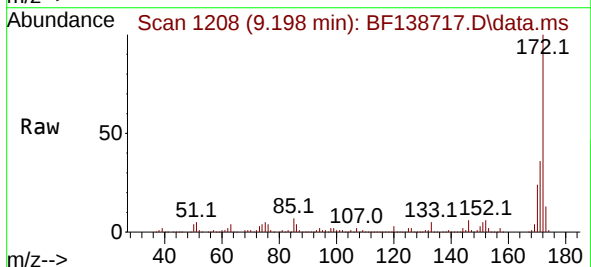
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-01-072324



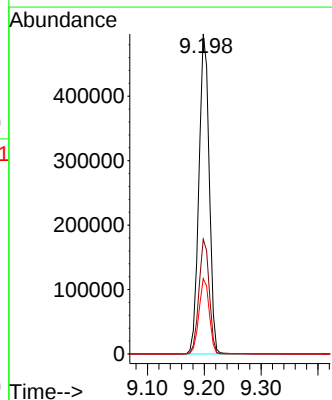
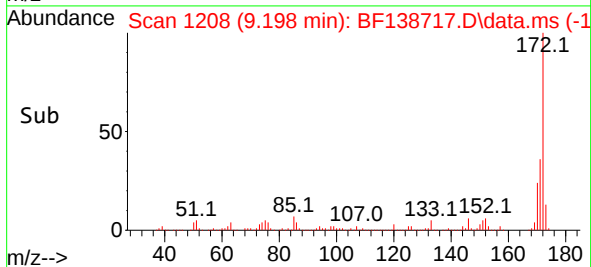
Tgt Ion: 330 Resp: 138452
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.4 114.6
 141 39.0 31.1 46.7



#45
 2-Fluorobiphenyl
 Concen: 61.161 ng
 RT: 9.198 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BF138717.D
 Acq: 01 Aug 2024 11:19



Tgt Ion: 172 Resp: 628346
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 23.6 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138717.D

Acq: 01 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324

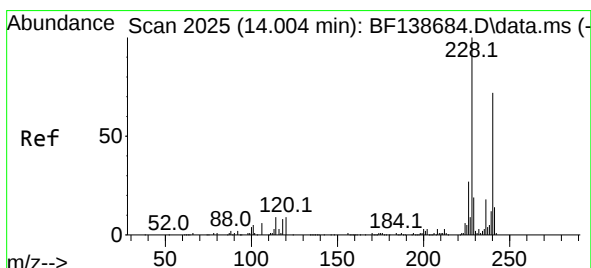
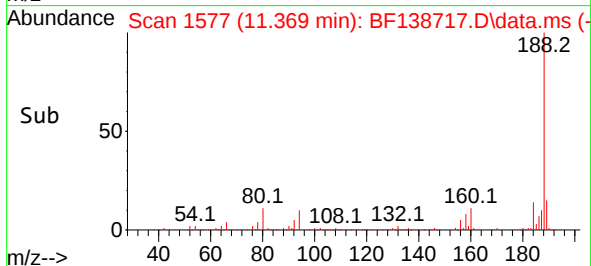
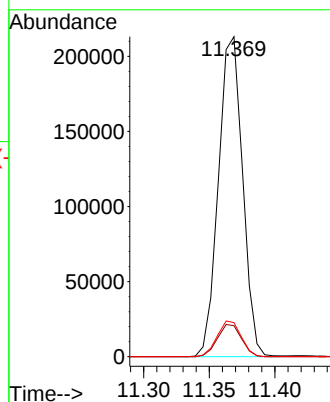
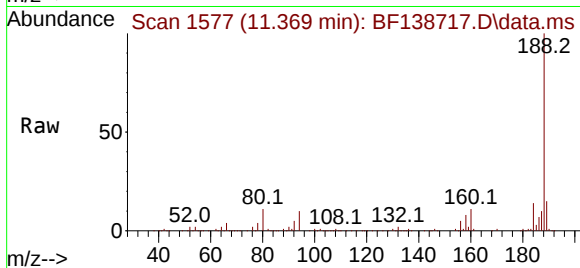
Tgt Ion:188 Resp: 273050

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.7 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138717.D

Acq: 01 Aug 2024 11:19

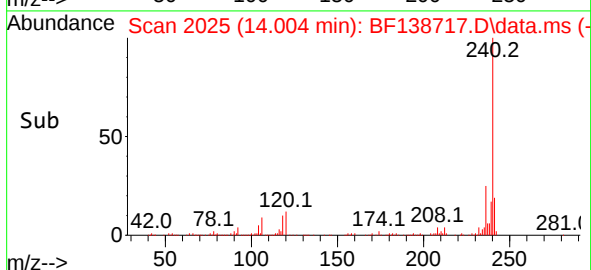
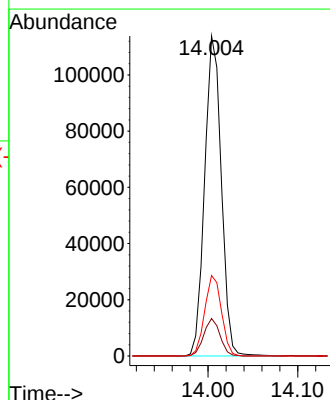
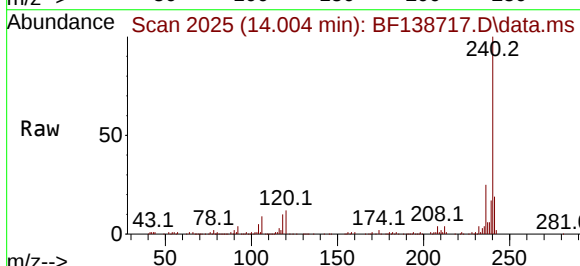
Tgt Ion:240 Resp: 146559

Ion Ratio Lower Upper

240 100

120 11.7 10.2 15.4

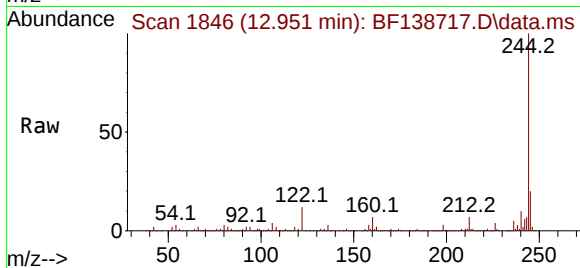
236 25.2 19.8 29.8



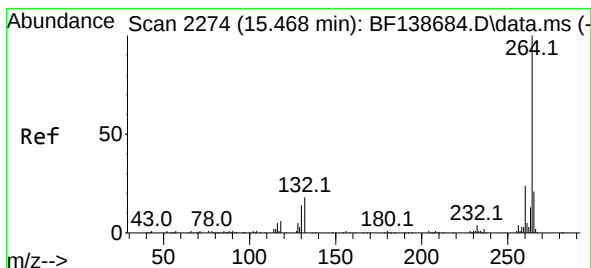
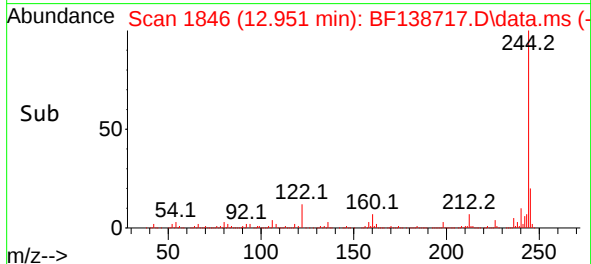
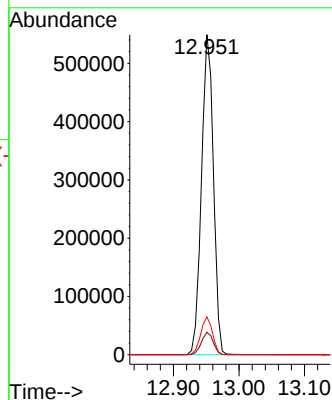


#79
Terphenyl-d14
Concen: 79.521 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324



Tgt Ion:244 Resp: 696094
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.8 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

Tgt Ion:264 Resp: 128853
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.2 17.0 25.6

