

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
Data File : BF138968.D
Acq On : 13 Aug 2024 11:38
Operator : RC/JU
Sample : PB162455TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162455TB

Quant Time: Aug 13 12:17:55 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	6.840	152	43466	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	178363	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	104529	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	194797	20.000	ng	0.00
76) Chrysene-d12	13.998	240	98581	20.000	ng	0.00
86) Perylene-d12	15.468	264	78257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	337422	119.832	ng	0.01
7) Phenol-d6	6.487	99	450058	119.048	ng	0.00
23) Nitrobenzene-d5	7.404	82	300194	82.287	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	106794	124.725	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	570361	81.984	ng	-0.01
79) Terphenyl-d14	12.945	244	658963	111.916	ng	0.00

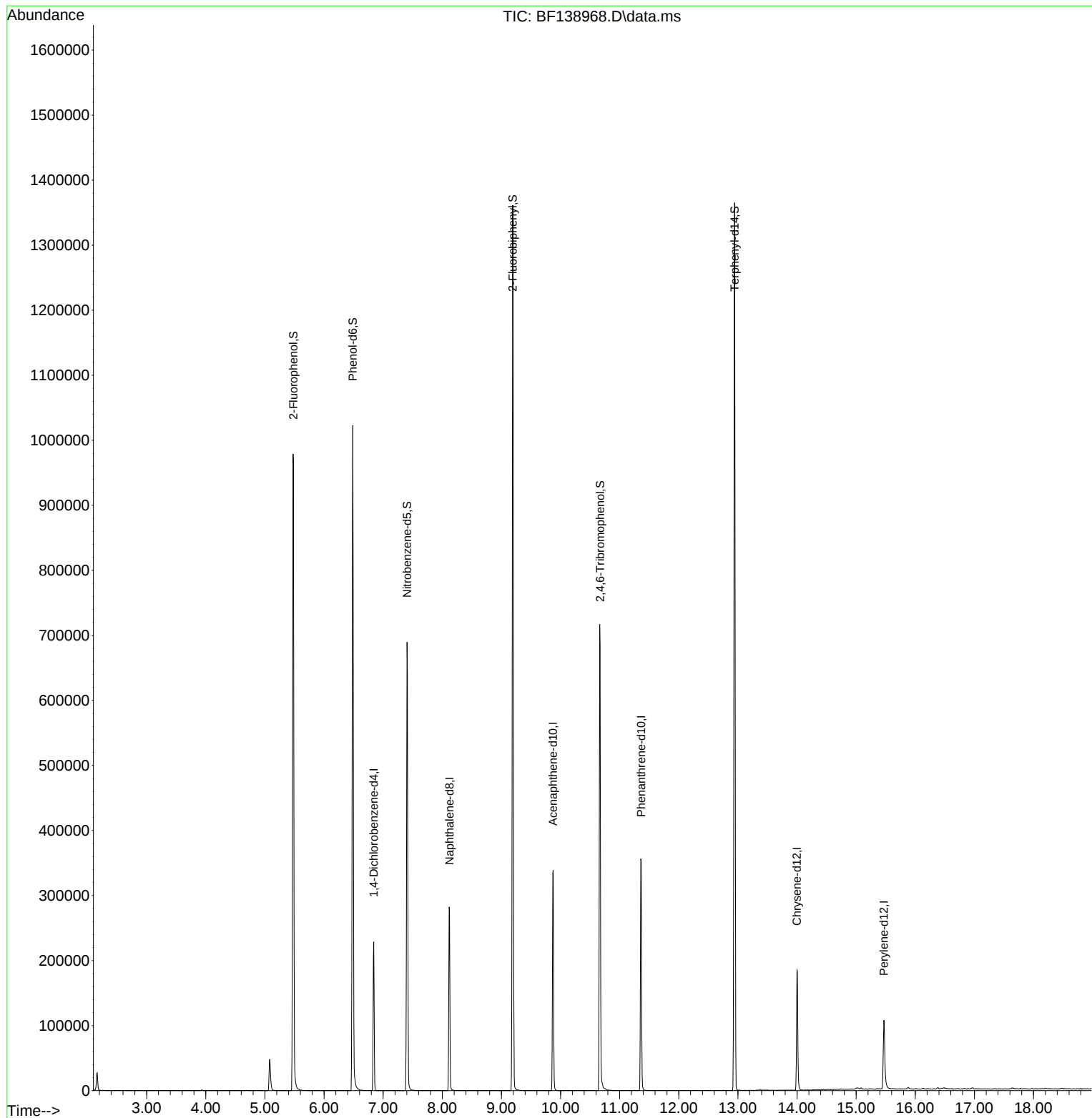
Target Compounds	Qvalue

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

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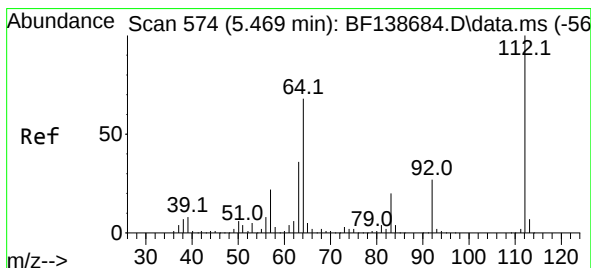
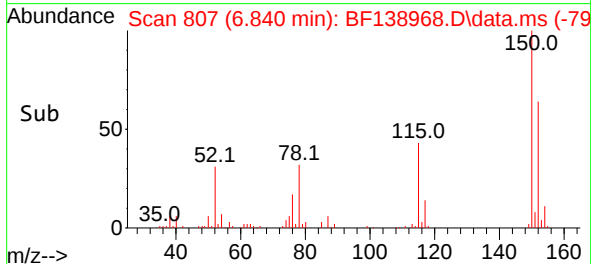
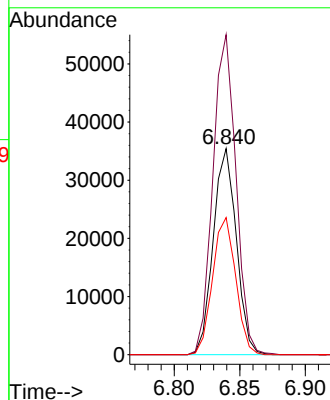
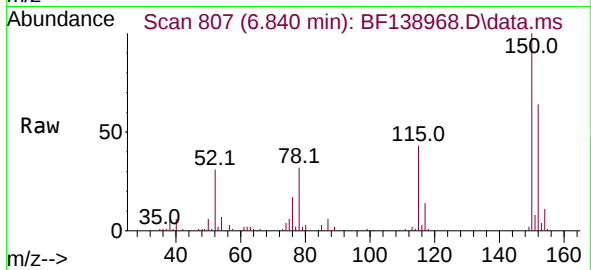




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

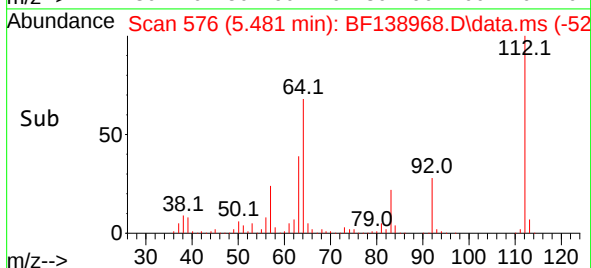
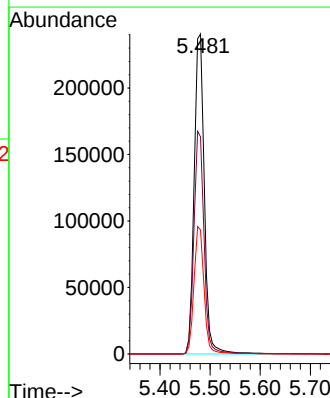
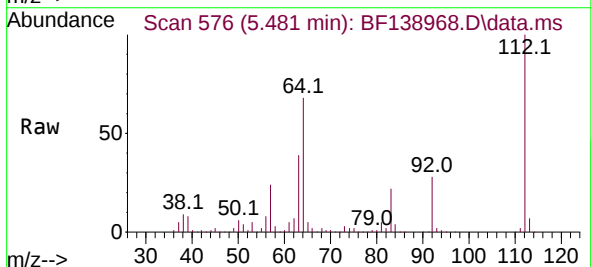
Instrument :
BNA_F
ClientSampleId :
PB162455TB

Tgt Ion:152 Resp: 43466
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 66.5 51.7 77.5



#5
2-Fluorophenol
Concen: 119.832 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

Tgt Ion:112 Resp: 337422
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 38.8 28.7 43.1

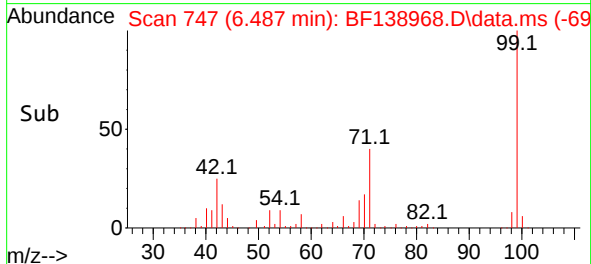
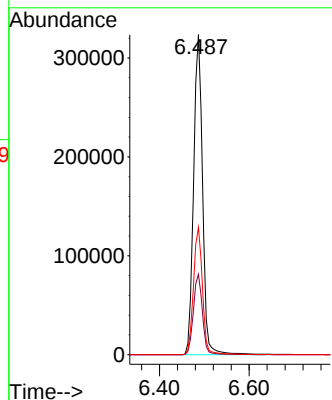
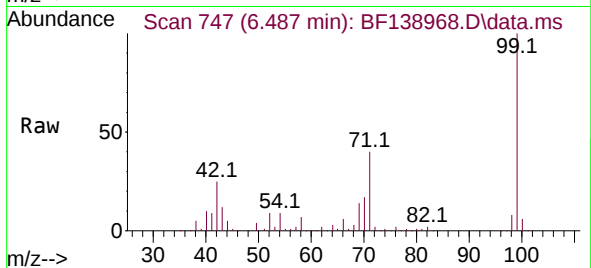




#7
Phenol-d6
Concen: 119.048 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

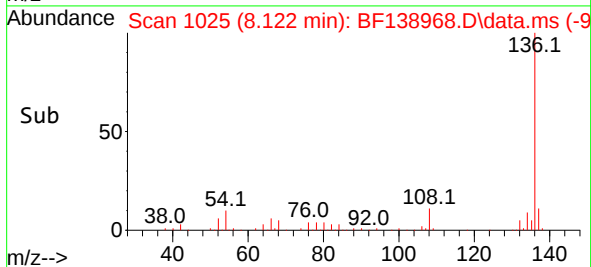
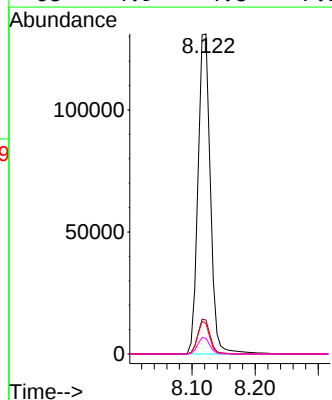
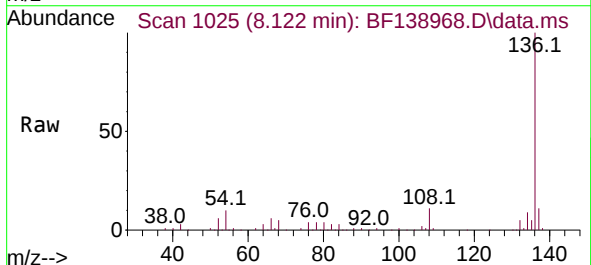
Instrument :
BNA_F
ClientSampleId :
PB162455TB

Tgt Ion: 99 Resp: 450058
Ion Ratio Lower Upper
99 100
42 25.2 17.4 26.0
71 39.8 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: BF138968.D
Acq: 13 Aug 2024 11:38

Tgt Ion: 136 Resp: 178363
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.5 8.6 12.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 82.287 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138968.D

Acq: 13 Aug 2024 11:38

Instrument :

BNA_F

ClientSampleId :

PB162455TB

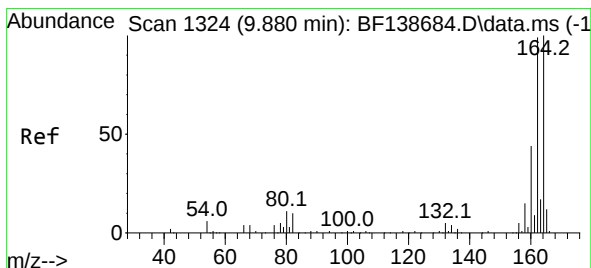
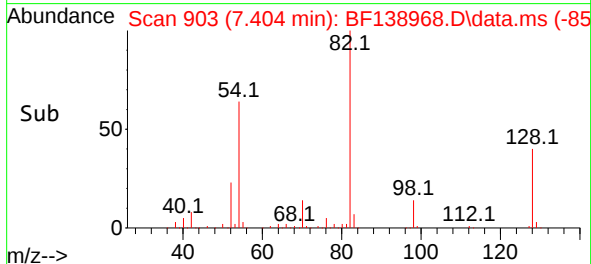
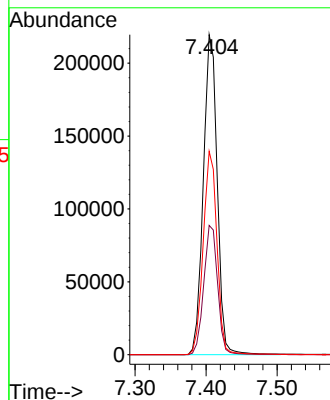
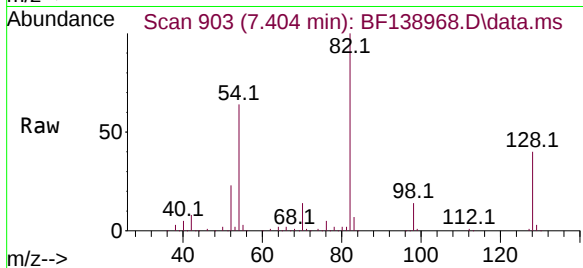
Tgt Ion: 82 Resp: 300194

Ion Ratio Lower Upper

82 100

128 40.4 32.8 49.2

54 63.6 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138968.D

Acq: 13 Aug 2024 11:38

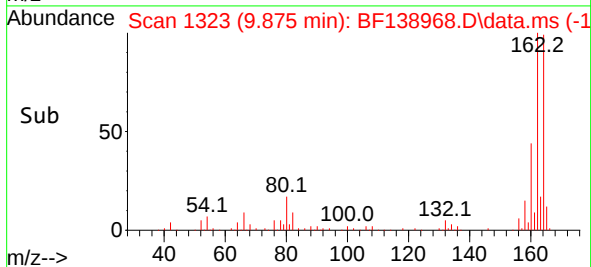
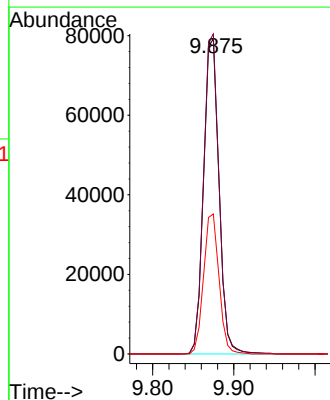
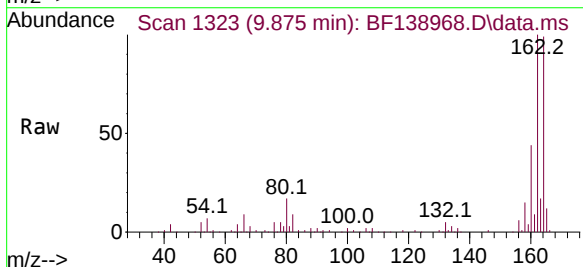
Tgt Ion:164 Resp: 104529

Ion Ratio Lower Upper

164 100

162 101.5 79.4 119.0

160 44.4 35.1 52.7

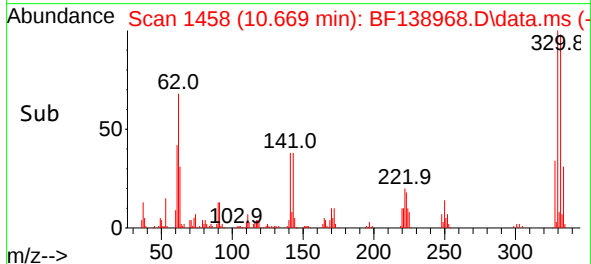
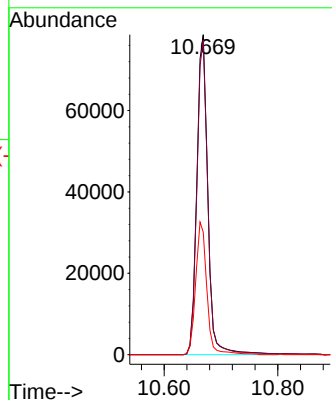
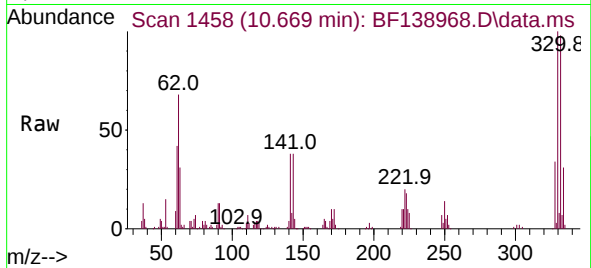




#42
2,4,6-Tribromophenol
Concen: 124.725 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

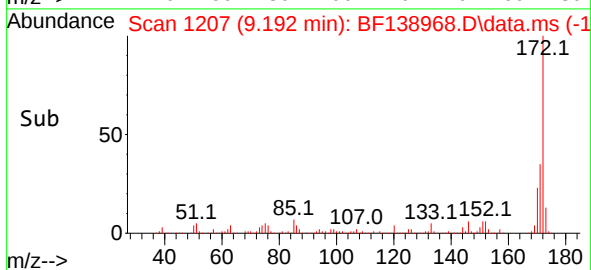
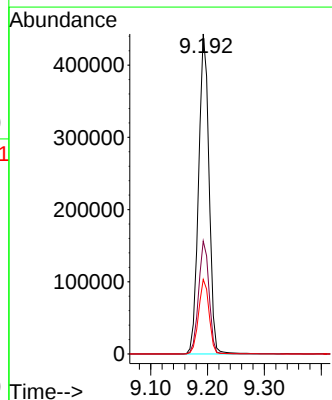
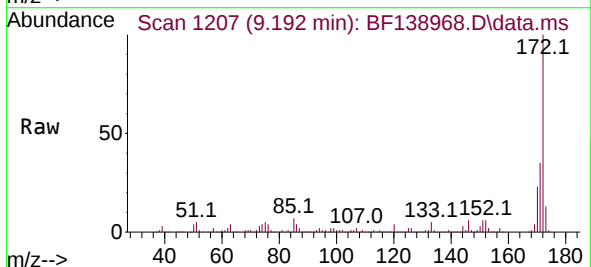
Instrument :
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ClientSampleId :
PB162455TB

Tgt Ion:330 Resp: 106794
Ion Ratio Lower Upper
330 100
332 97.8 76.4 114.6
141 41.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 81.984 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

Tgt Ion:172 Resp: 570361
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 18.8 28.2

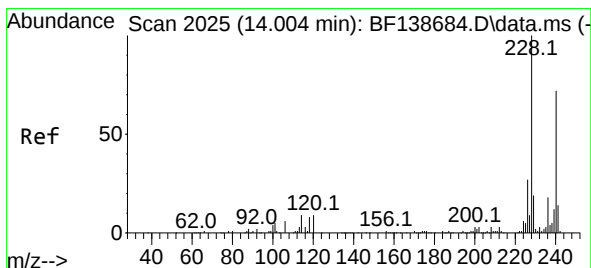
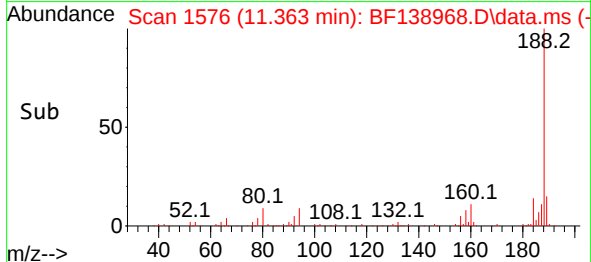
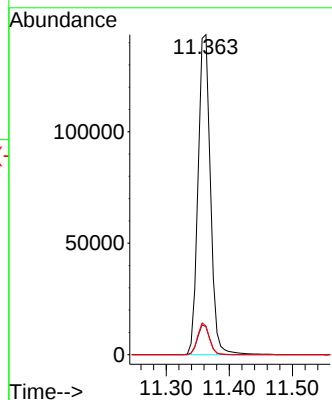
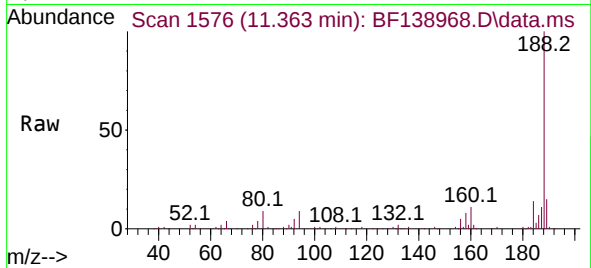




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138968.D
Acq: 13 Aug 2024 11:38

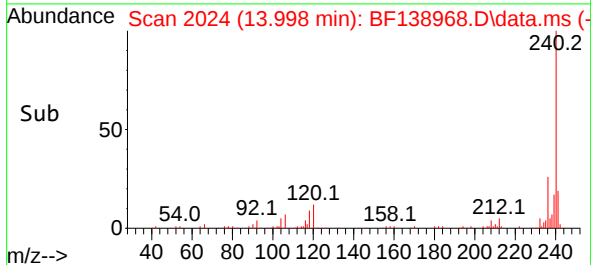
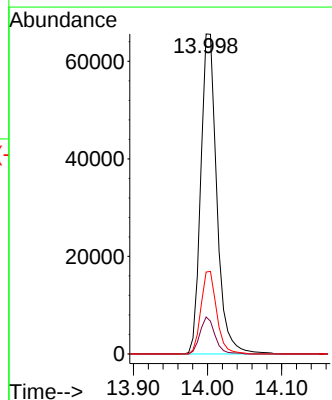
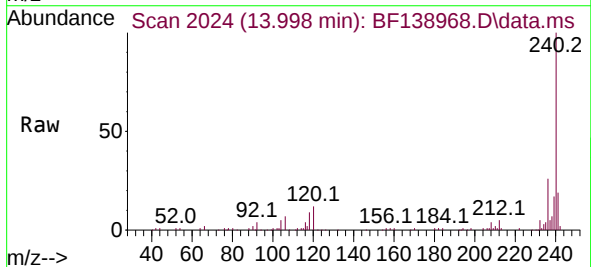
Instrument :
BNA_F
ClientSampleId :
PB162455TB

Tgt Ion:188 Resp: 194797
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 9.0 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: BF138968.D
Acq: 13 Aug 2024 11:38

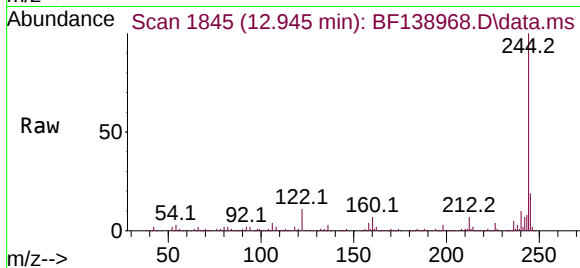
Tgt Ion:240 Resp: 98581
Ion Ratio Lower Upper
240 100
120 11.5 10.2 15.4
236 25.6 19.8 29.8



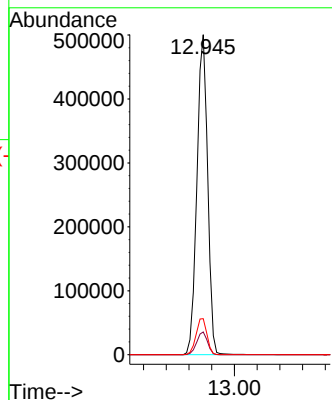
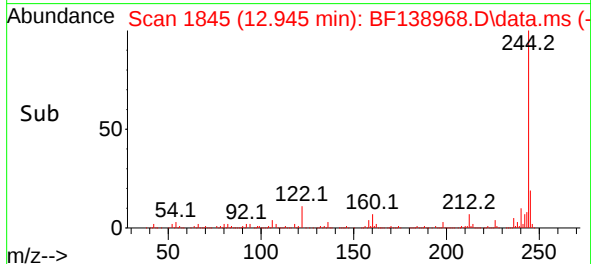


#79
 Terphenyl-d14
 Concen: 111.916 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138968.D
 Acq: 13 Aug 2024 11:38

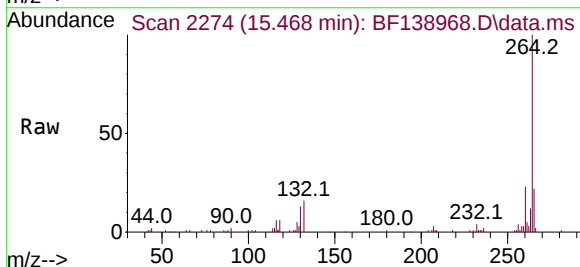
Instrument :
 BNA_F
 ClientSampleId :
 PB162455TB



Tgt Ion:244 Resp: 658963
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF138968.D
 Acq: 13 Aug 2024 11:38



Tgt Ion:264 Resp: 78257
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 22.2 17.0 25.6

