

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
Data File : BF138904.D
Acq On : 10 Aug 2024 12:16
Operator : RC/JU
Sample : P3479-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS10

Quant Time: Aug 12 01:12:47 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	38750	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	155012	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	86946	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	150024	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	68627	20.000	ng	0.00
86) Perylene-d12	15.463	264	82836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	139013	55.377	ng	0.00
7) Phenol-d6	6.481	99	108083	32.069	ng	0.00
23) Nitrobenzene-d5	7.404	82	326074	102.845	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	113254	159.019	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	569198	98.362	ng	-0.01
79) Terphenyl-d14	12.939	244	531175	129.589	ng	0.00

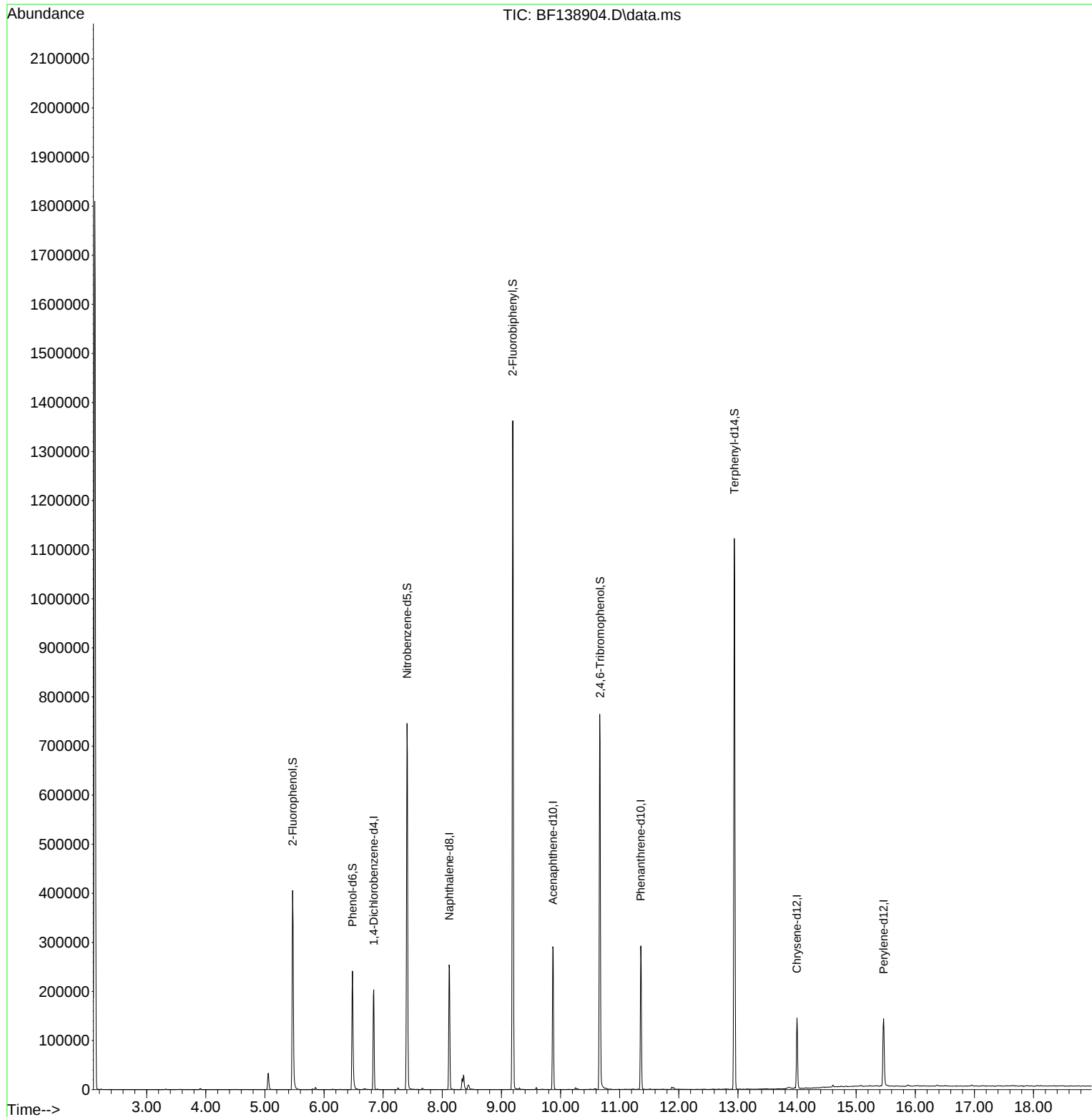
Target Compounds	Qvalue

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

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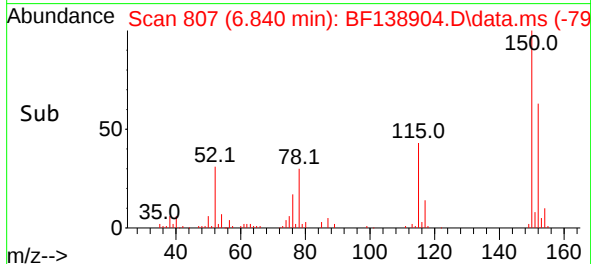
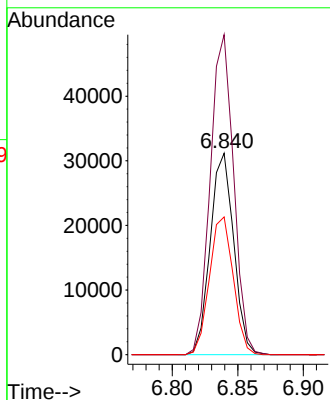
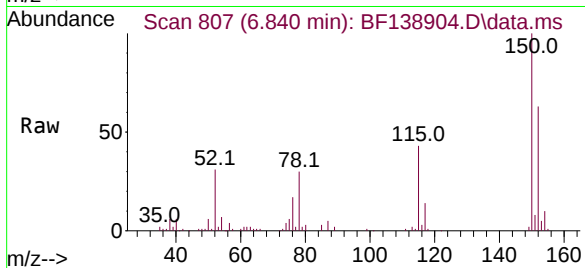




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

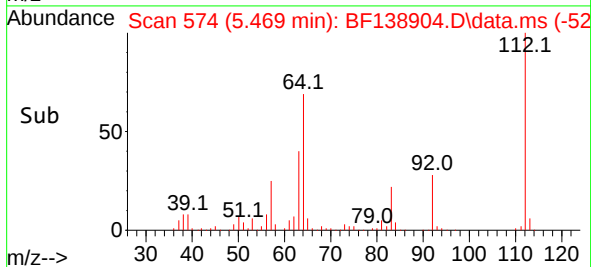
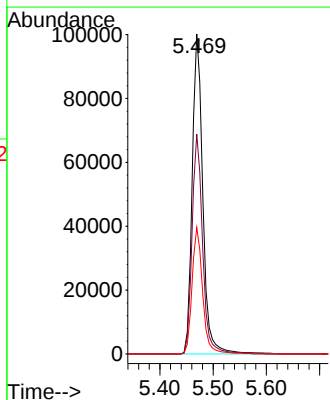
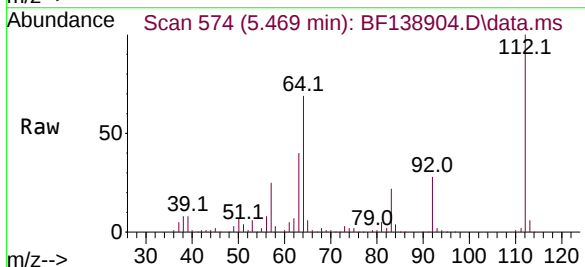
Instrument :
BNA_F
ClientSampleId :
TS10

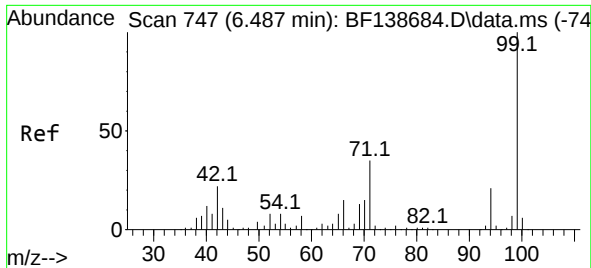
Tgt Ion:152 Resp: 38750
Ion Ratio Lower Upper
152 100
150 158.9 126.0 189.0
115 68.4 51.7 77.5



#5
2-Fluorophenol
Concen: 55.377 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

Tgt Ion:112 Resp: 139013
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 39.5 28.7 43.1

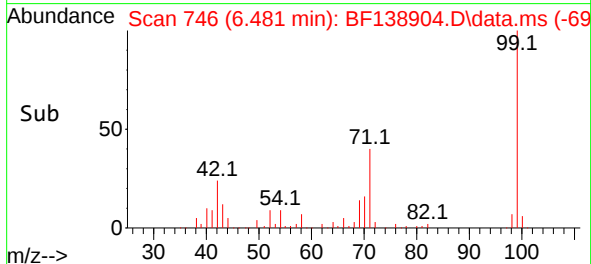
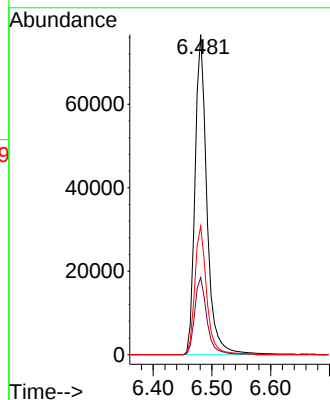
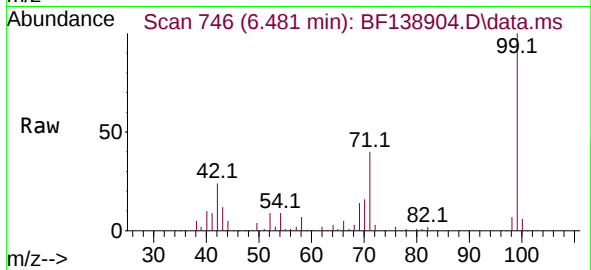




#7
Phenol-d6
Concen: 32.069 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

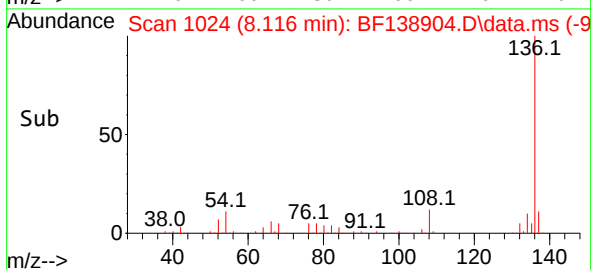
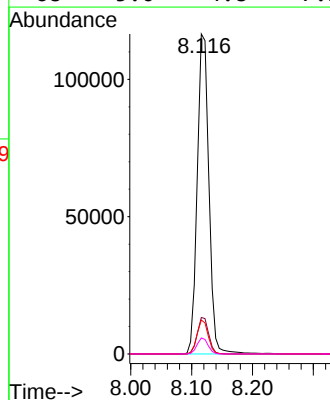
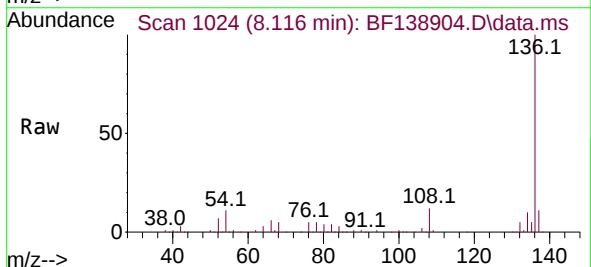
Instrument :
BNA_F
ClientSampleId :
TS10

Tgt Ion: 99 Resp: 108083
Ion Ratio Lower Upper
99 100
42 24.1 17.4 26.0
71 40.1 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

Tgt Ion: 136 Resp: 155012
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 10.6 8.6 12.8
68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 102.845 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138904.D

Acq: 10 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TS10

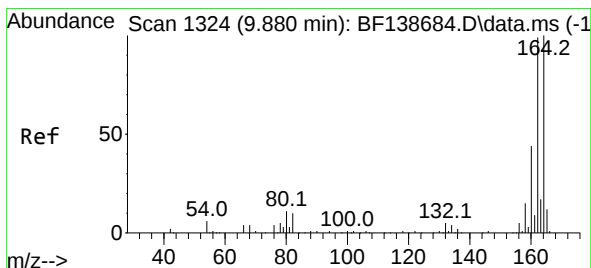
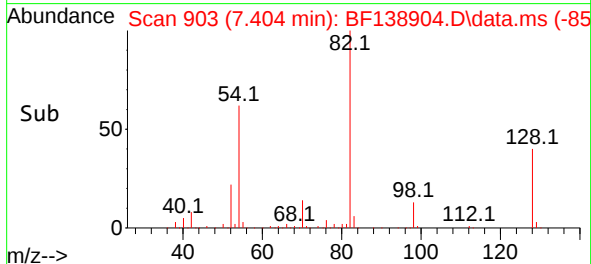
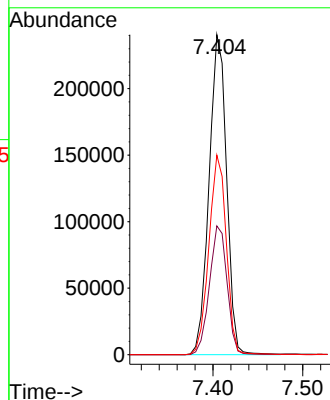
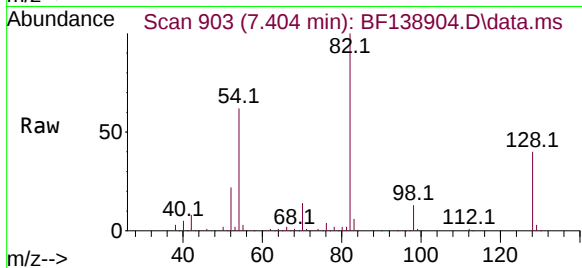
Tgt Ion: 82 Resp: 326074

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 62.3 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: BF138904.D

Acq: 10 Aug 2024 12:16

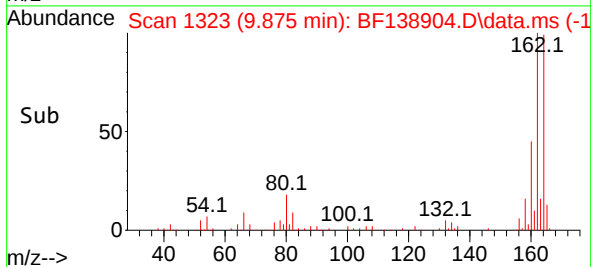
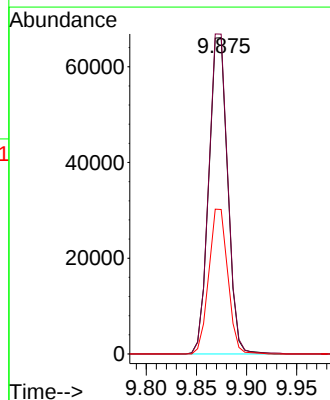
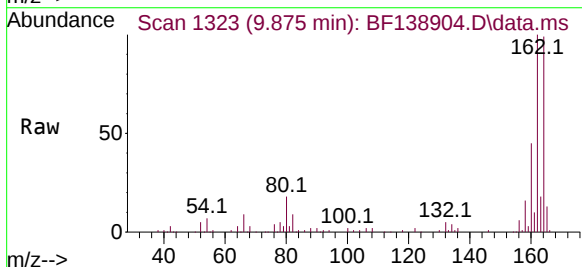
Tgt Ion:164 Resp: 86946

Ion Ratio Lower Upper

164 100

162 101.1 79.4 119.0

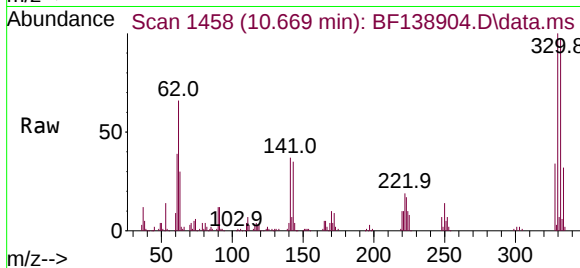
160 45.6 35.1 52.7



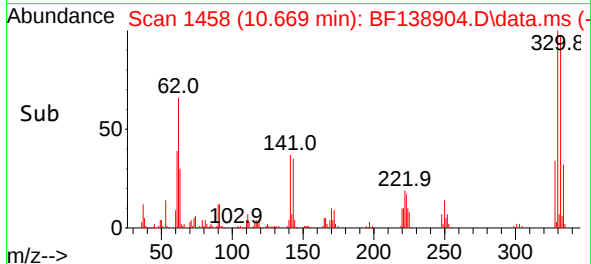
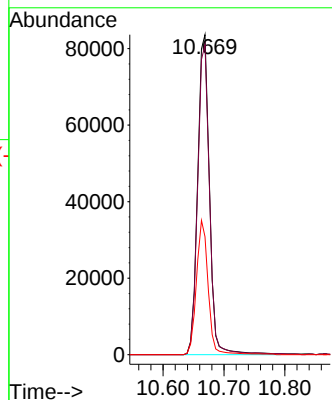


#42
2,4,6-Tribromophenol
Concen: 159.019 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

Instrument :
BNA_F
ClientSampleId :
TS10

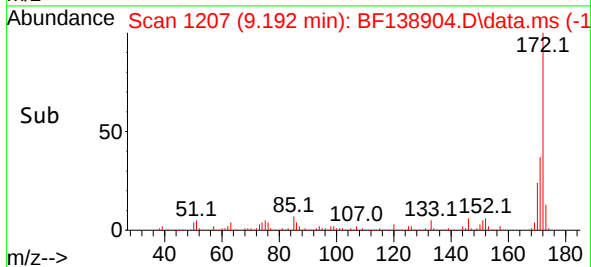
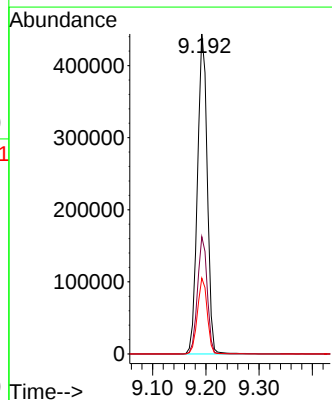
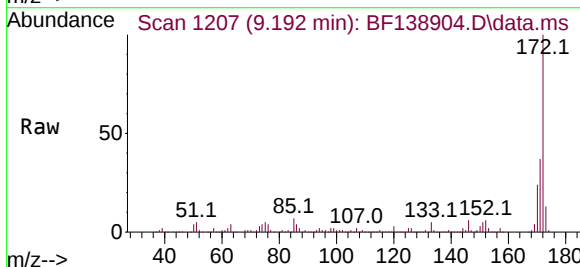


Tgt Ion:330 Resp: 113254
Ion Ratio Lower Upper
330 100
332 96.2 76.4 114.6
141 41.6 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 98.362 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138904.D
Acq: 10 Aug 2024 12:16

Tgt Ion:172 Resp: 569198
Ion Ratio Lower Upper
172 100
171 36.6 28.3 42.5
170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138904.D

Acq: 10 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TS10

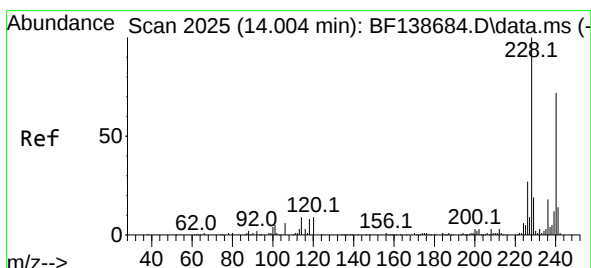
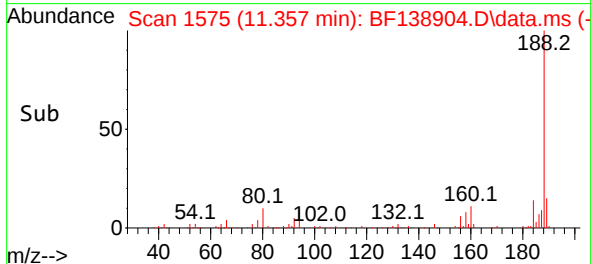
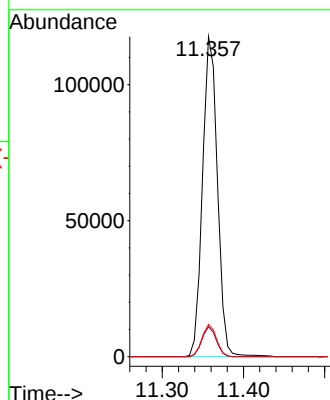
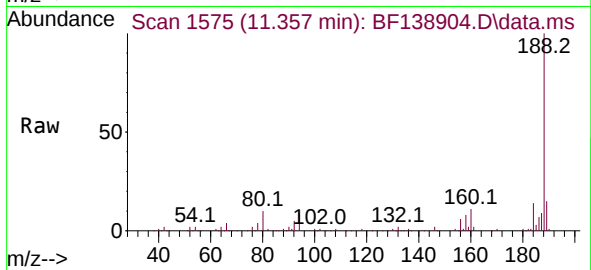
Tgt Ion:188 Resp: 150024

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.1 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: BF138904.D

Acq: 10 Aug 2024 12:16

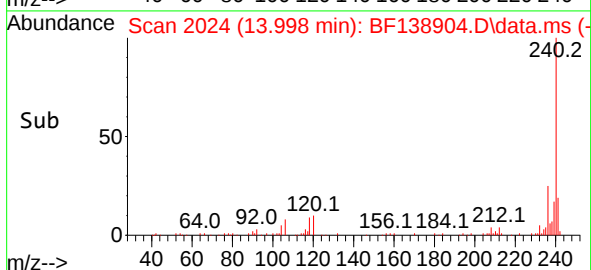
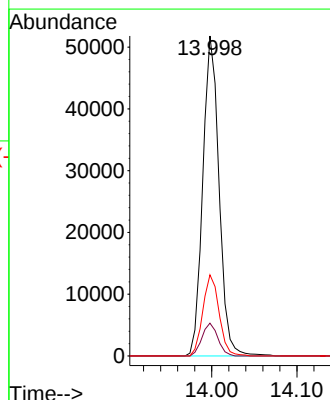
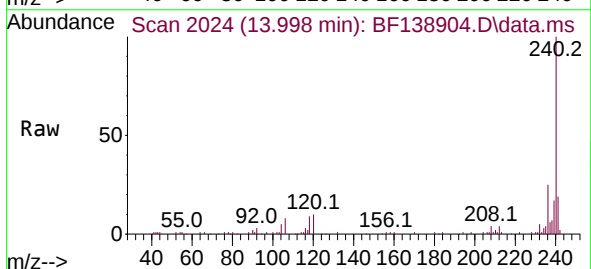
Tgt Ion:240 Resp: 68627

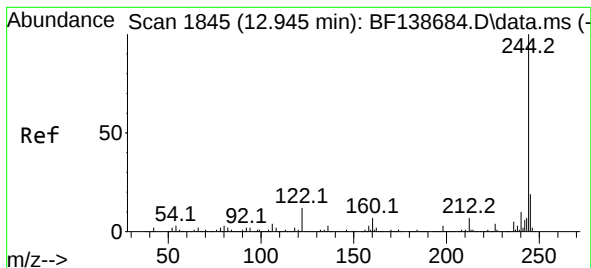
Ion Ratio Lower Upper

240 100

120 10.3 10.2 15.4

236 25.3 19.8 29.8





#79

Terphenyl-d14

Concen: 129.589 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138904.D

Acq: 10 Aug 2024 12:16

Instrument :

BNA_F

ClientSampleId :

TS10

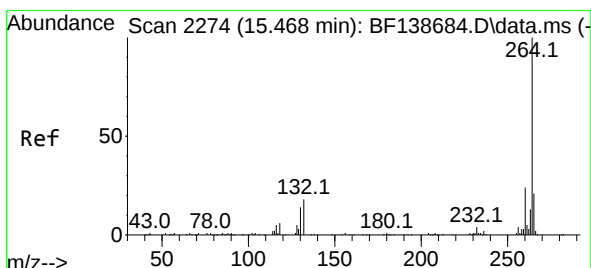
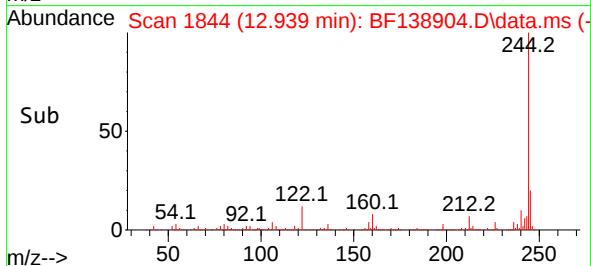
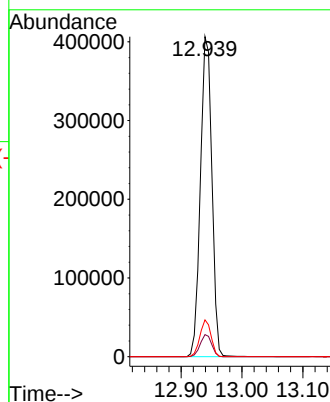
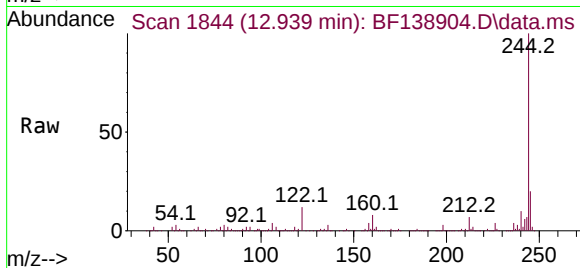
Tgt Ion:244 Resp: 531175

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138904.D

Acq: 10 Aug 2024 12:16

Tgt Ion:264 Resp: 82836

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 22.1 17.0 25.6

