

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138903.D
 Acq On : 10 Aug 2024 11:46
 Operator : RC/JU
 Sample : P3479-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS09

Quant Time: Aug 12 01:12:29 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	37445	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	149499	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	82973	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	141300	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	64391	20.000	ng	0.00
86) Perylene-d12	15.463	264	80935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	141585	58.368	ng	0.00
7) Phenol-d6	6.481	99	110183	33.832	ng	0.00
23) Nitrobenzene-d5	7.404	82	329257	107.678	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	114374	168.281	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	582873	105.548	ng	-0.01
79) Terphenyl-d14	12.939	244	503167	130.831	ng	0.00

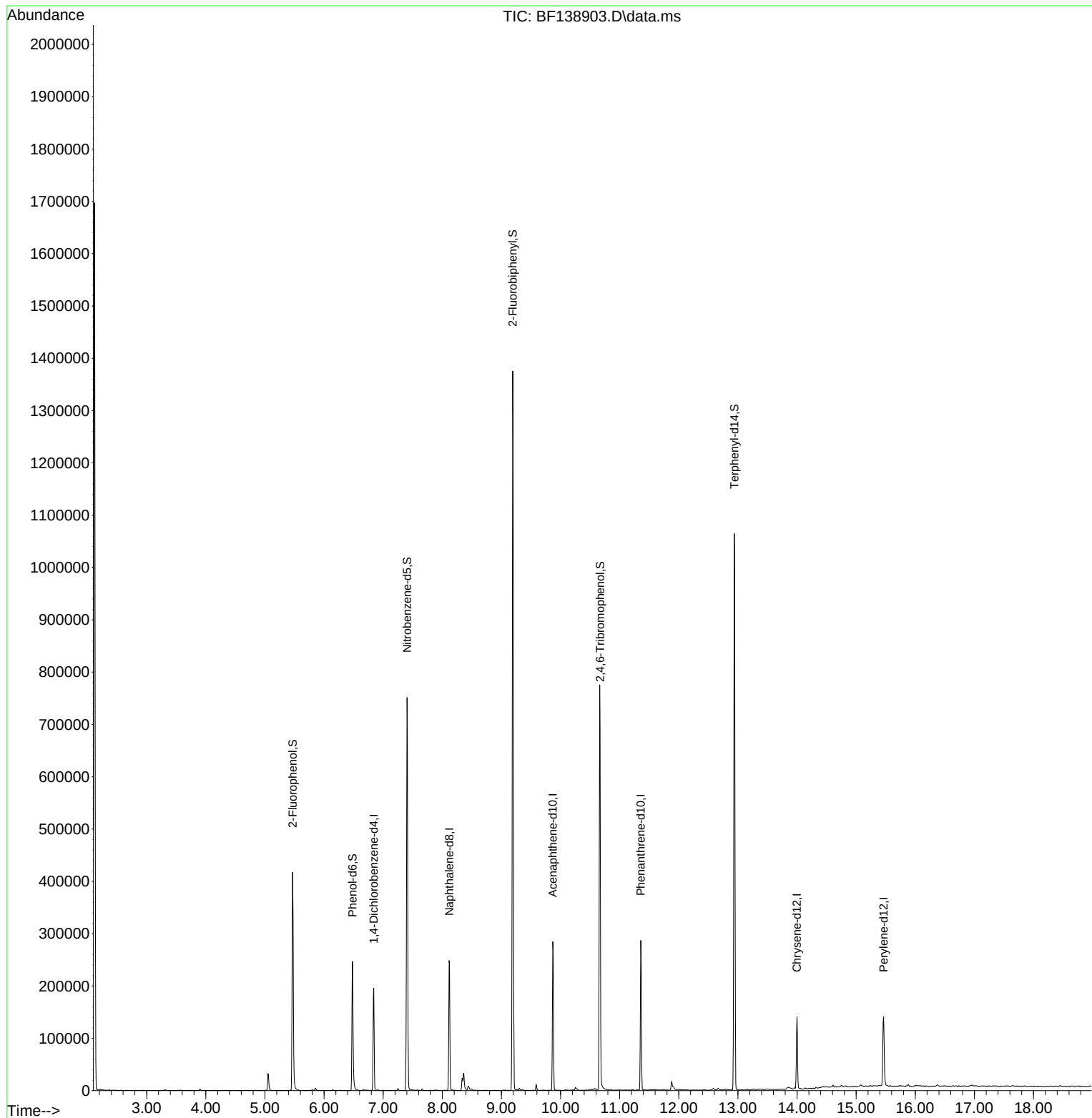
Target Compounds	Qvalue

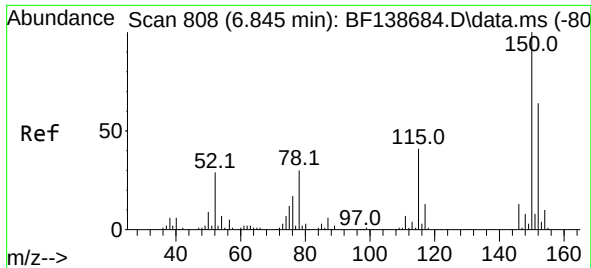
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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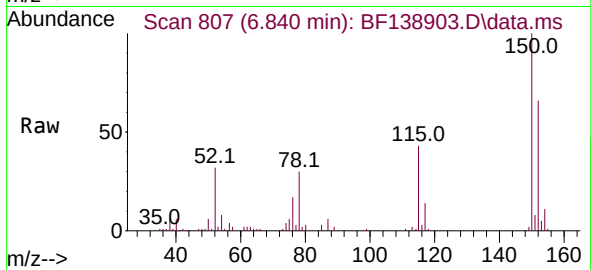
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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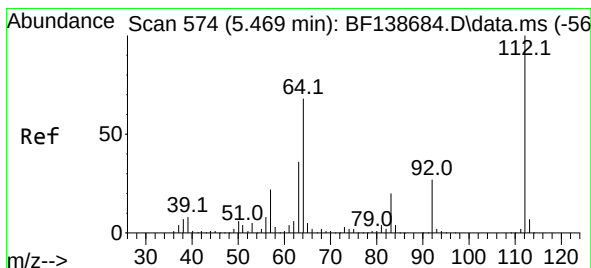
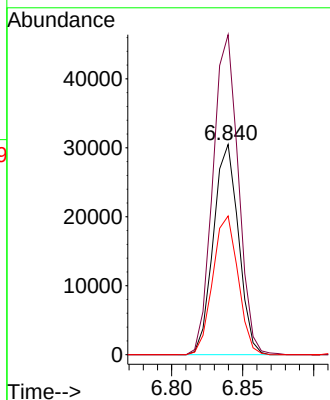
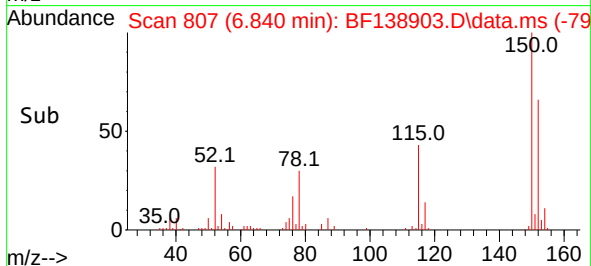


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

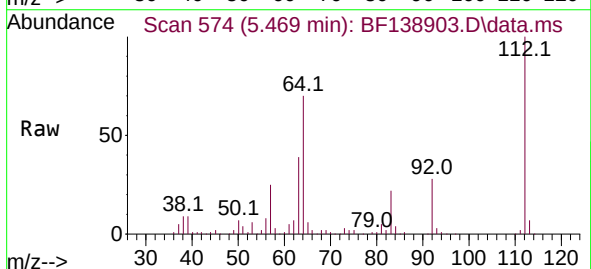
Instrument :
BNA_F
ClientSampleId :
TS09



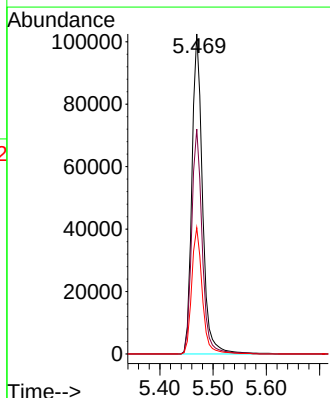
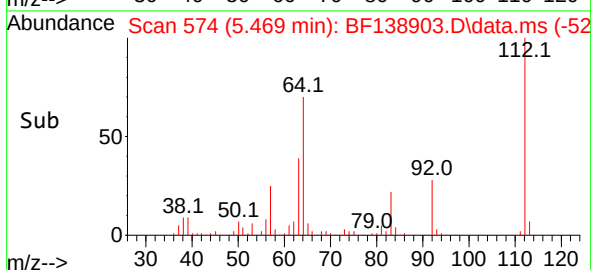
Tgt Ion:152 Resp: 37445
Ion Ratio Lower Upper
152 100
150 152.2 126.0 189.0
115 66.0 51.7 77.5

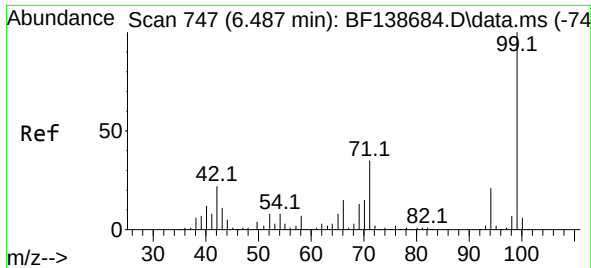


#5
2-Fluorophenol
Concen: 58.368 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46



Tgt Ion:112 Resp: 141585
Ion Ratio Lower Upper
112 100
64 70.3 54.2 81.4
63 39.5 28.7 43.1

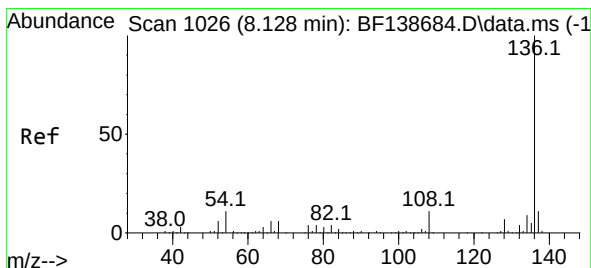
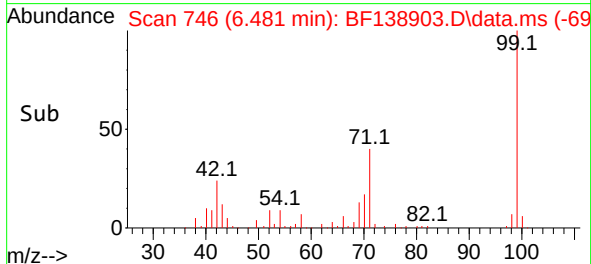
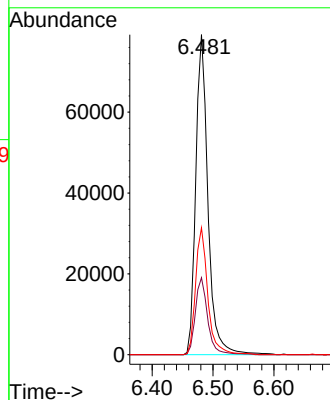
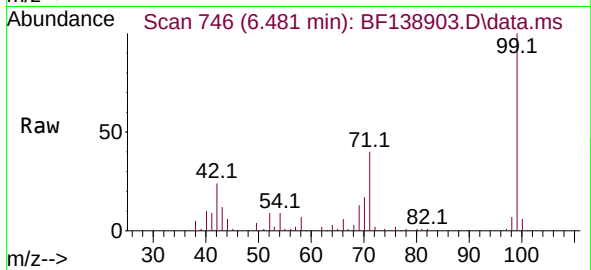




#7
Phenol-d6
Concen: 33.832 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

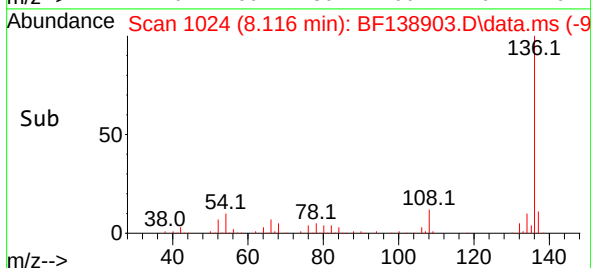
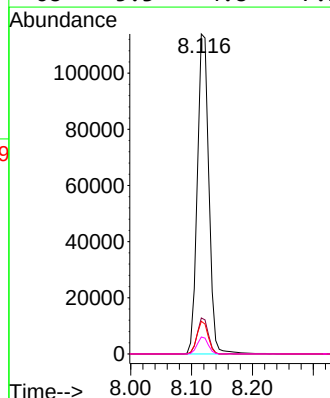
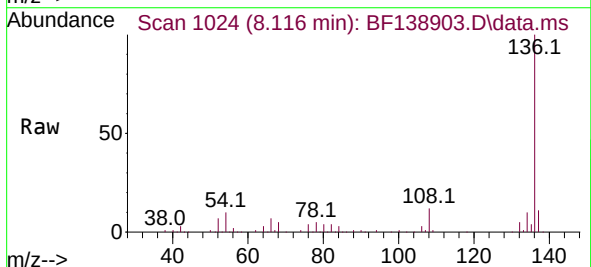
Instrument :
BNA_F
ClientSampleId :
TS09

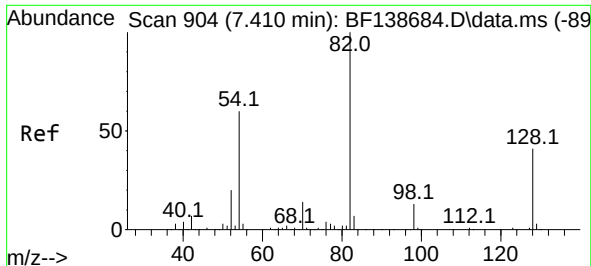
Tgt Ion: 99 Resp: 110183
Ion Ratio Lower Upper
99 100
42 24.0 17.4 26.0
71 39.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

Tgt Ion: 136 Resp: 149499
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.2 8.6 12.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 107.678 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138903.D

Acq: 10 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TS09

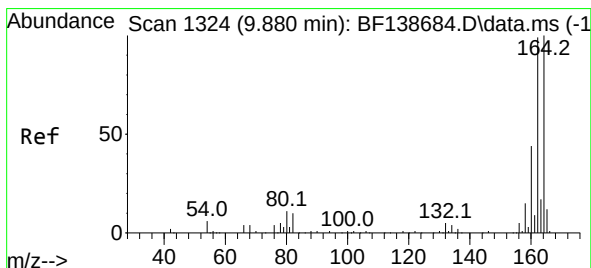
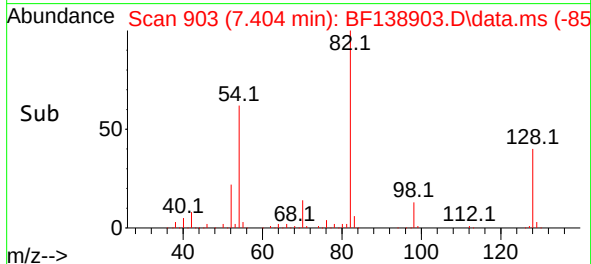
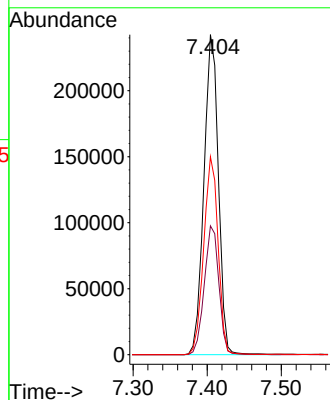
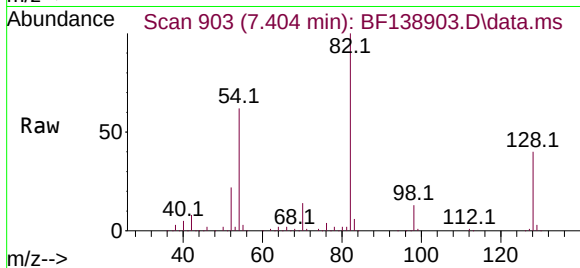
Tgt Ion: 82 Resp: 329257

Ion Ratio Lower Upper

82 100

128 40.3 32.8 49.2

54 61.8 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: BF138903.D

Acq: 10 Aug 2024 11:46

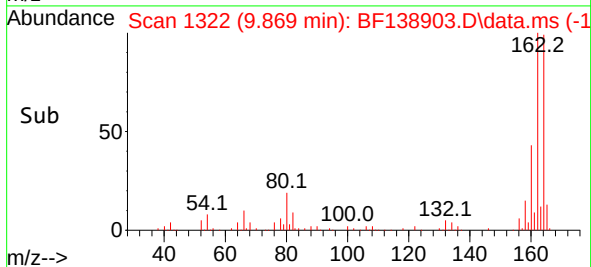
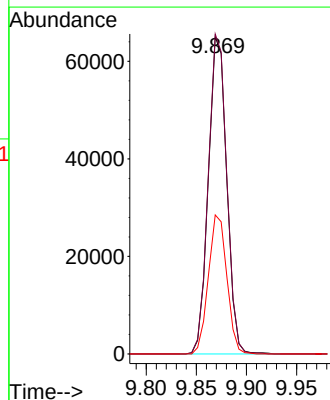
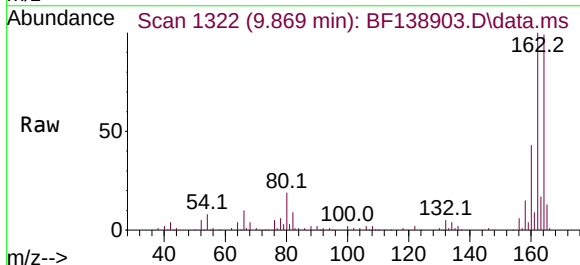
Tgt Ion: 164 Resp: 82973

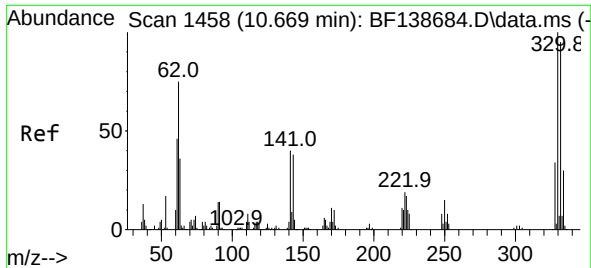
Ion Ratio Lower Upper

164 100

162 101.0 79.4 119.0

160 43.9 35.1 52.7

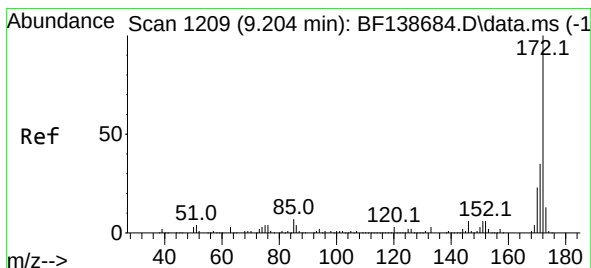
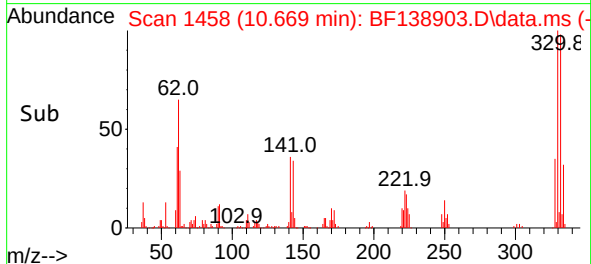
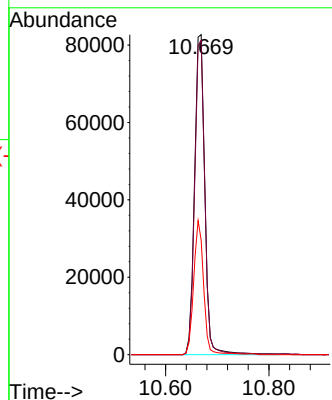
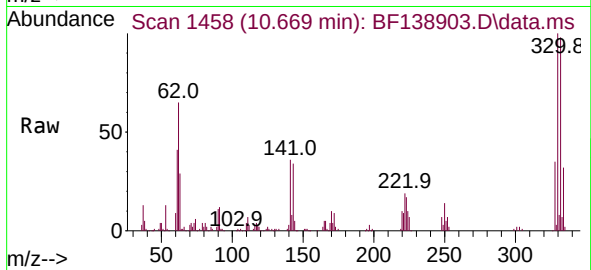




#42
2,4,6-Tribromophenol
Concen: 168.281 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

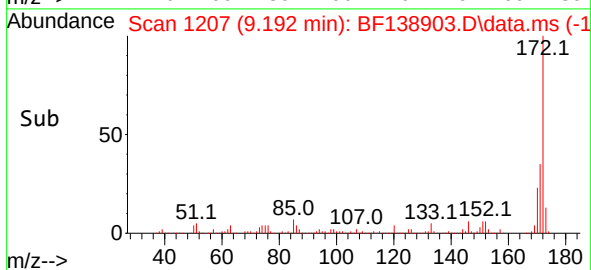
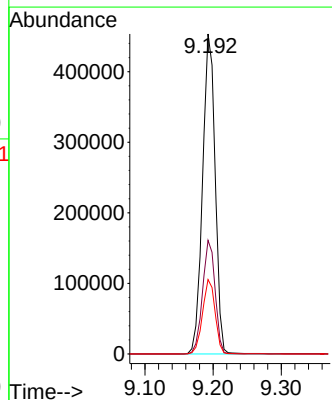
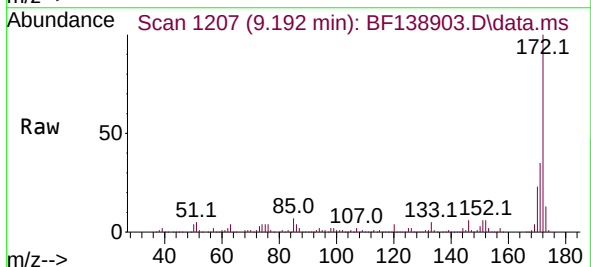
Instrument :
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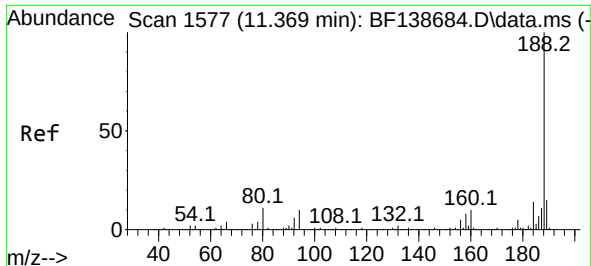
Tgt Ion: 330 Resp: 114374
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 40.3 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 105.548 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

Tgt Ion: 172 Resp: 582873
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.2 18.8 28.2

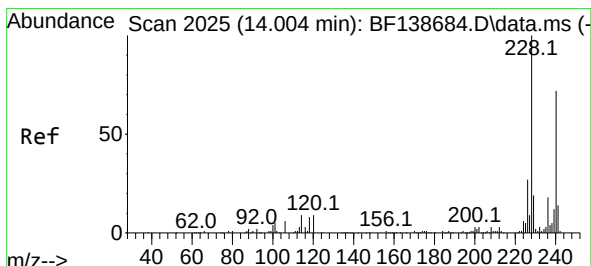
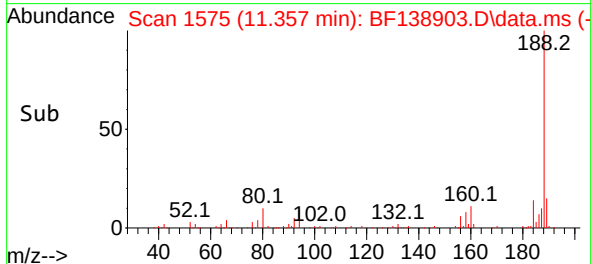
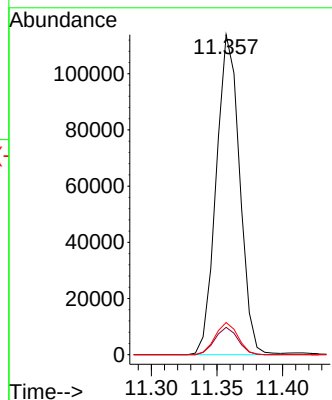
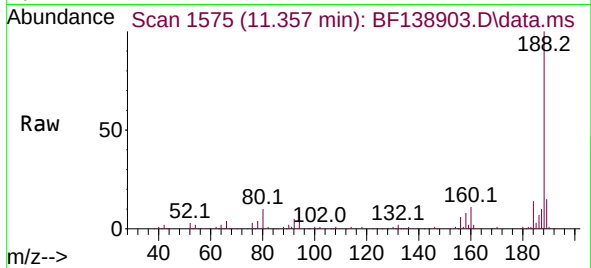




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

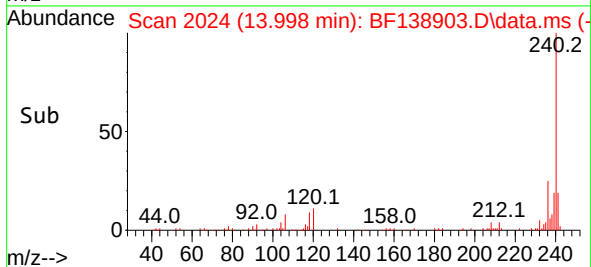
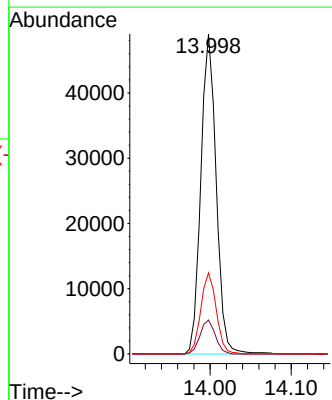
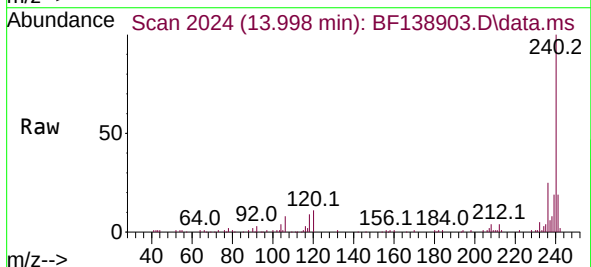
Instrument :
BNA_F
ClientSampleId :
TS09

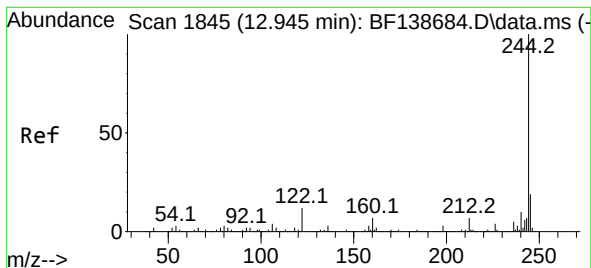
Tgt Ion:188 Resp: 141300
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138903.D
Acq: 10 Aug 2024 11:46

Tgt Ion:240 Resp: 64391
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 25.3 19.8 29.8





#79

Terphenyl-d14

Concen: 130.831 ng

RT: 12.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138903.D

Acq: 10 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TS09

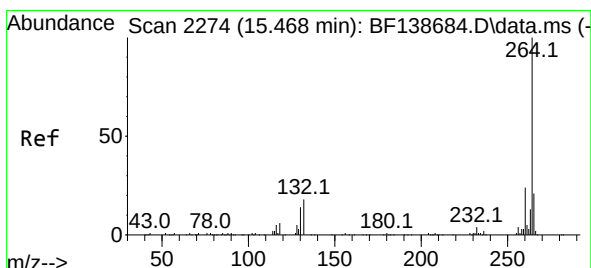
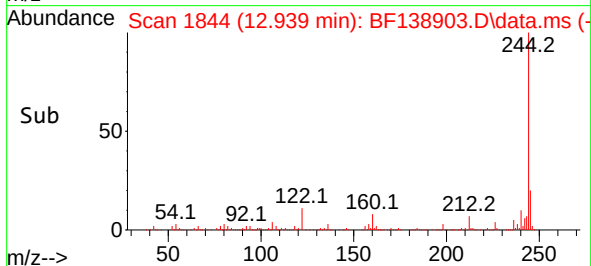
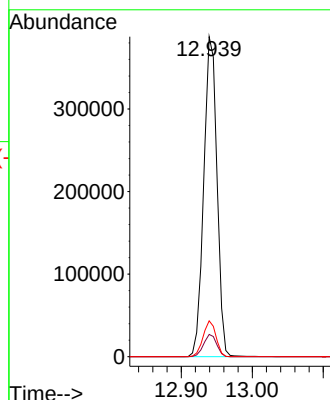
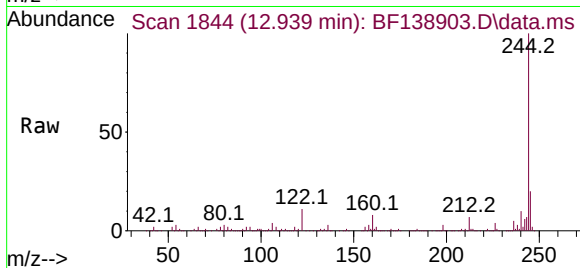
Tgt Ion:244 Resp: 503167

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.2 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: BF138903.D

Acq: 10 Aug 2024 11:46

Tgt Ion:264 Resp: 80935

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 20.7 17.0 25.6

