

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138943.D
 Acq On : 12 Aug 2024 19:58
 Operator : RC/JU
 Sample : P3506-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4534

Quant Time: Aug 13 01:00:49 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	41573	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	170793	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	99023	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	194510	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	117031	20.000	ng	0.00
86) Perylene-d12	15.468	264	81727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	458673	170.310	ng	0.02
7) Phenol-d6	6.492	99	590275	163.247	ng	0.00
23) Nitrobenzene-d5	7.404	82	405204	115.994	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	168300	207.488	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	756586	114.798	ng	-0.01
79) Terphenyl-d14	12.945	244	959593	137.281	ng	0.00

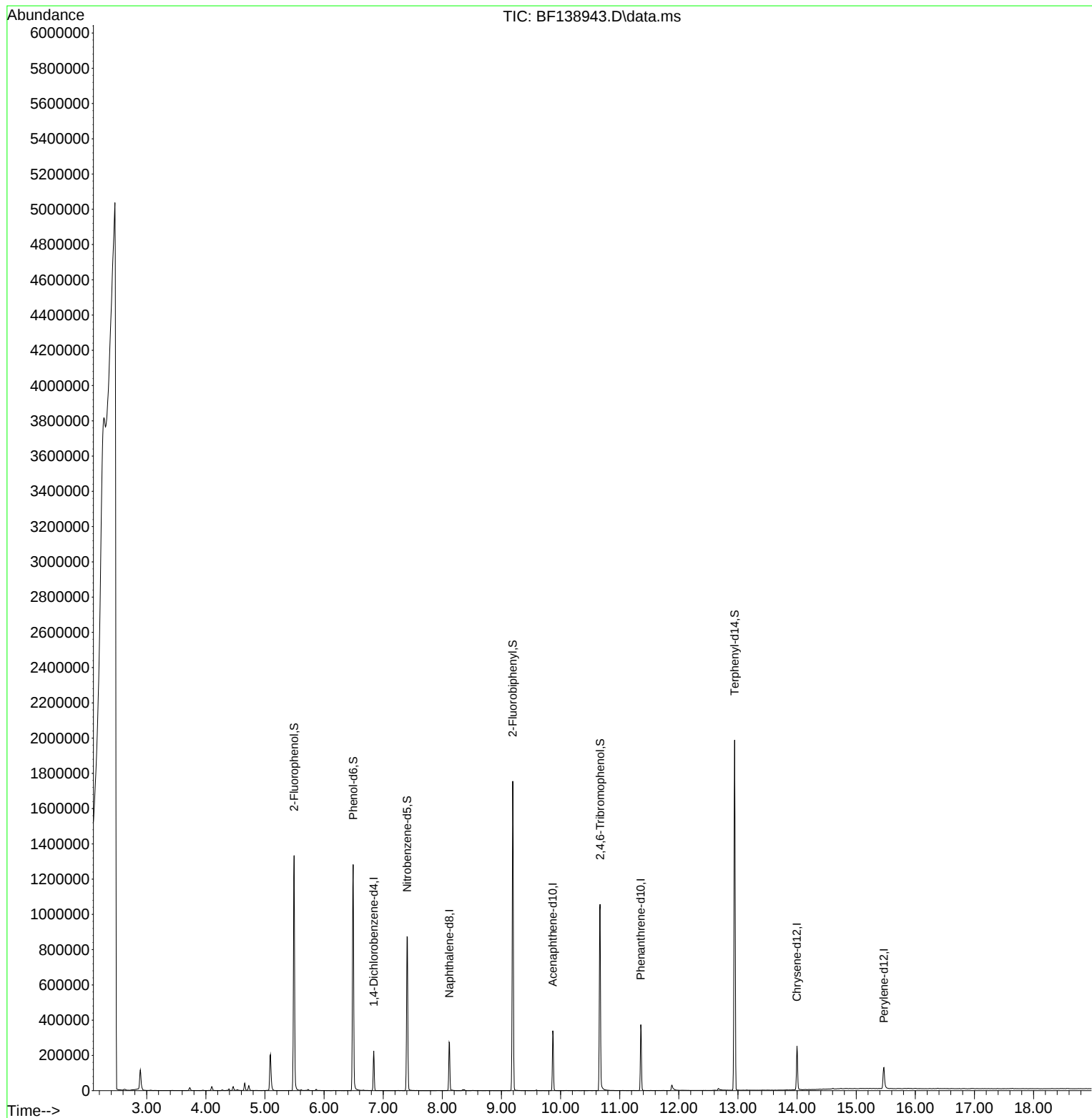
Target Compounds	Qvalue

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

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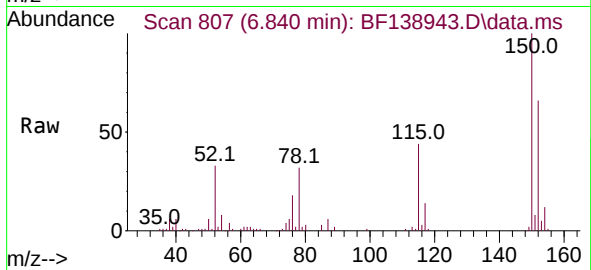
Quant Time: Aug 13 01:00:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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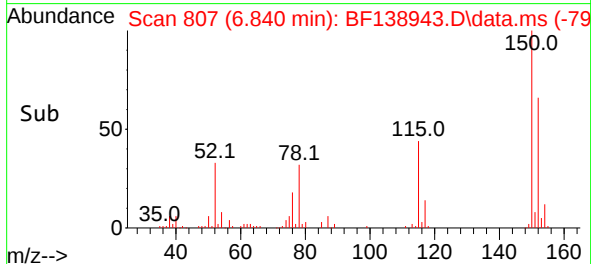
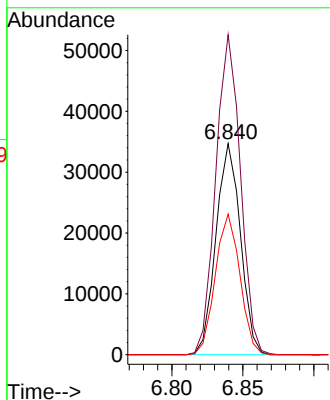


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138943.D
Acq: 12 Aug 2024 19:58

Instrument :
BNA_F
ClientSampleId :
RT4534

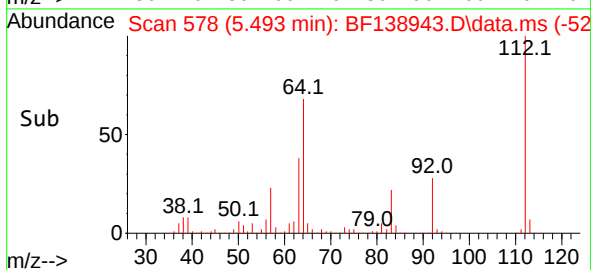
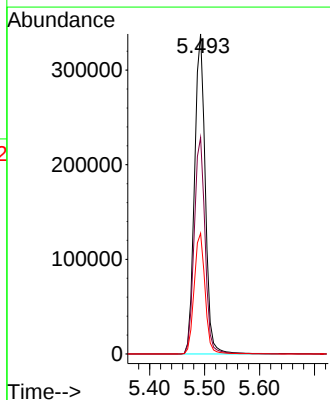
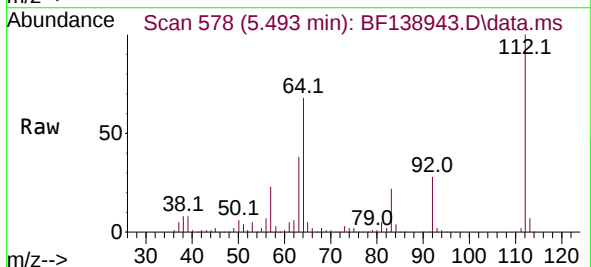


Tgt Ion:152 Resp: 41573
Ion Ratio Lower Upper
152 100
150 151.6 126.0 189.0
115 66.6 51.7 77.5



#5
2-Fluorophenol
Concen: 170.310 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.024 min
Lab File: BF138943.D
Acq: 12 Aug 2024 19:58

Tgt Ion:112 Resp: 458673
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 37.7 28.7 43.1

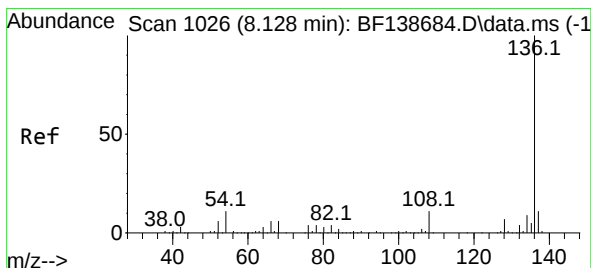
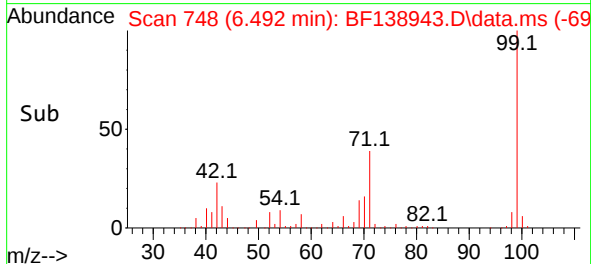
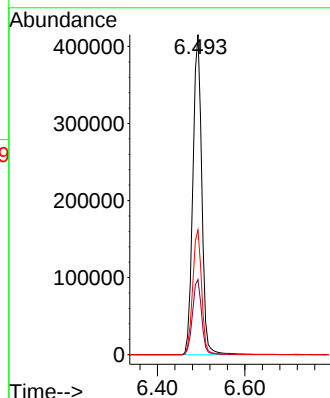
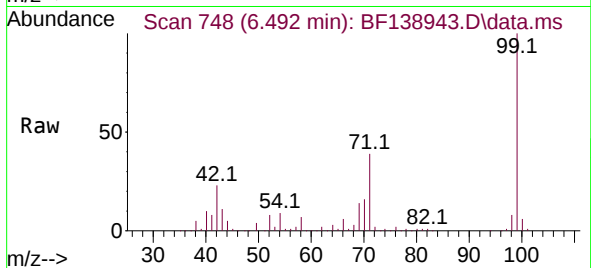




#7
Phenol-d6
Concen: 163.247 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138943.D
Acq: 12 Aug 2024 19:58

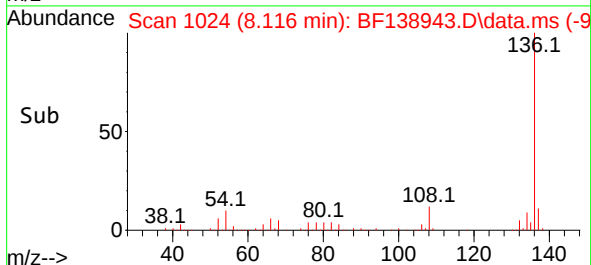
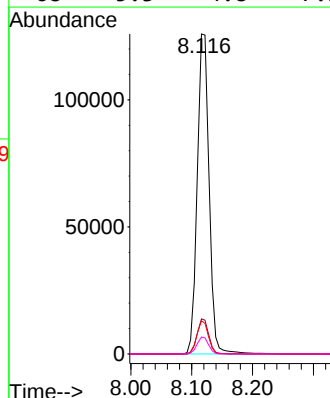
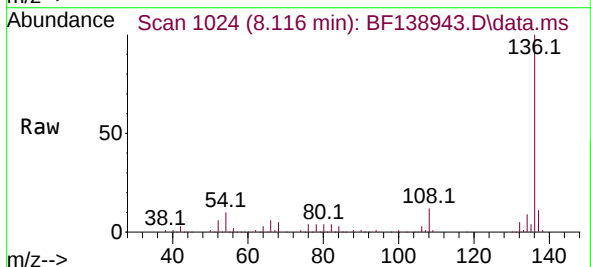
Instrument :
BNA_F
ClientSampleId :
RT4534

Tgt Ion: 99 Resp: 590275
Ion Ratio Lower Upper
99 100
42 23.4 17.4 26.0
71 38.9 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: BF138943.D
Acq: 12 Aug 2024 19:58

Tgt Ion: 136 Resp: 170793
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.4 8.6 12.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 115.994 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF138943.D

Acq: 12 Aug 2024 19:58

Instrument :

BNA_F

ClientSampleId :

RT4534

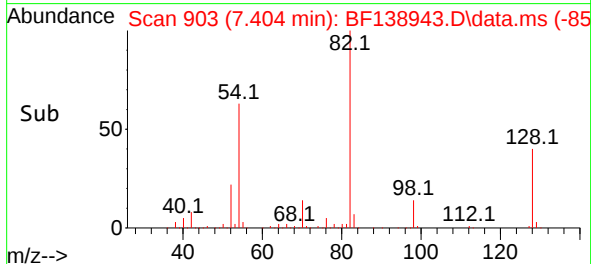
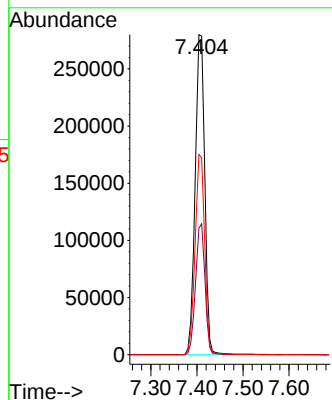
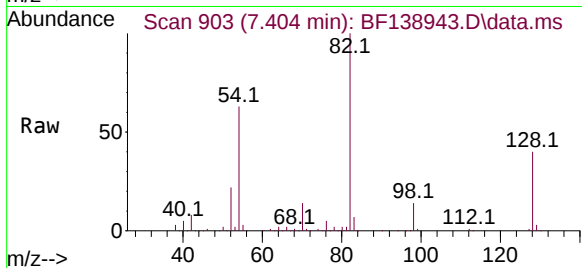
Tgt Ion: 82 Resp: 405204

Ion Ratio Lower Upper

82 100

128 39.5 32.8 49.2

54 62.5 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: BF138943.D

Acq: 12 Aug 2024 19:58

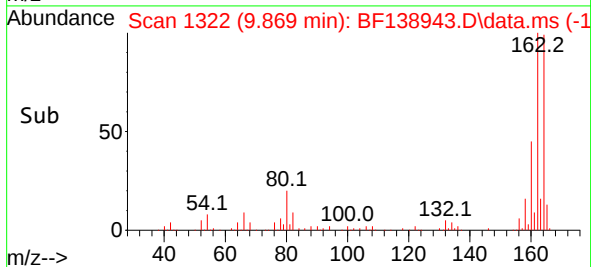
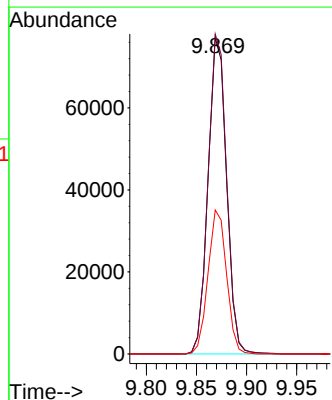
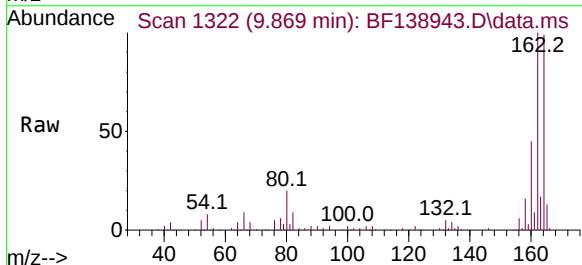
Tgt Ion: 164 Resp: 99023

Ion Ratio Lower Upper

164 100

162 101.2 79.4 119.0

160 45.5 35.1 52.7

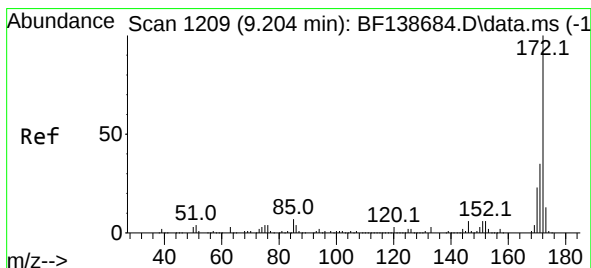
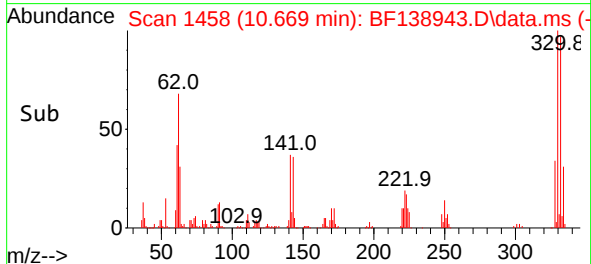
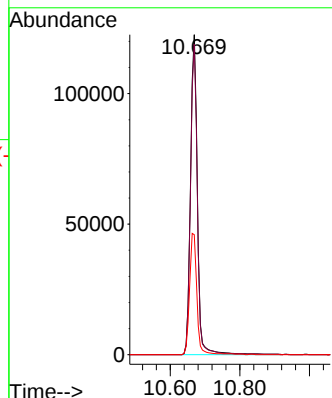
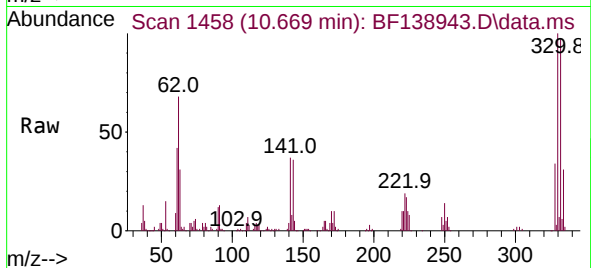




#42
2,4,6-Tribromophenol
Concen: 207.488 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138943.D
Acq: 12 Aug 2024 19:58

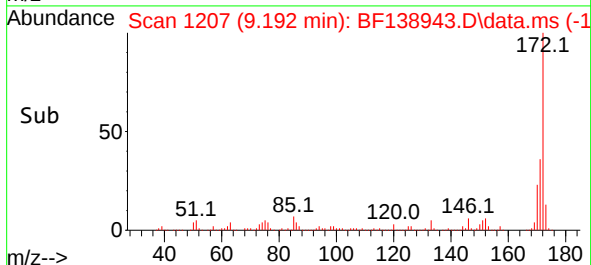
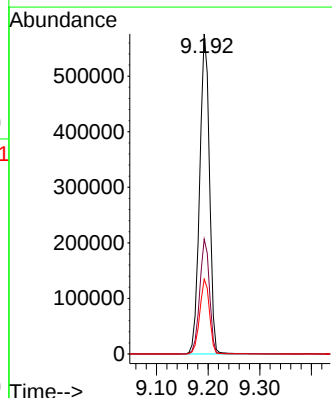
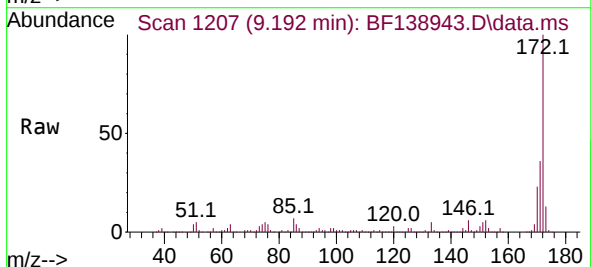
Instrument :
BNA_F
ClientSampleId :
RT4534

Tgt Ion:330 Resp: 168300
Ion Ratio Lower Upper
330 100
332 95.8 76.4 114.6
141 40.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 114.798 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138943.D
Acq: 12 Aug 2024 19:58

Tgt Ion:172 Resp: 756586
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.4 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: BF138943.D

Acq: 12 Aug 2024 19:58

Instrument :

BNA_F

ClientSampleId :

RT4534

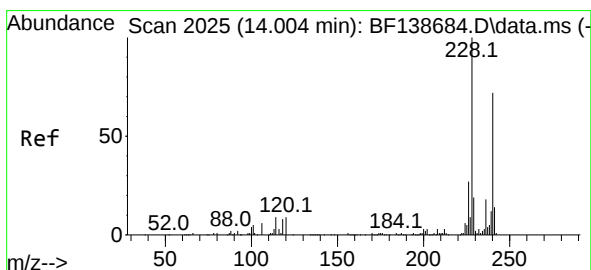
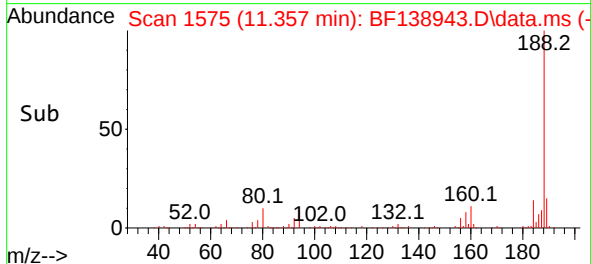
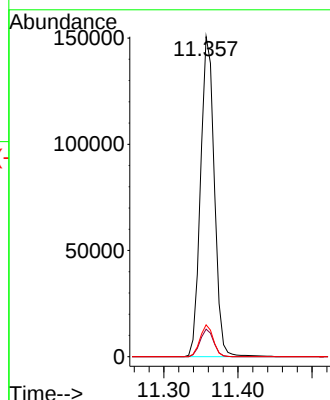
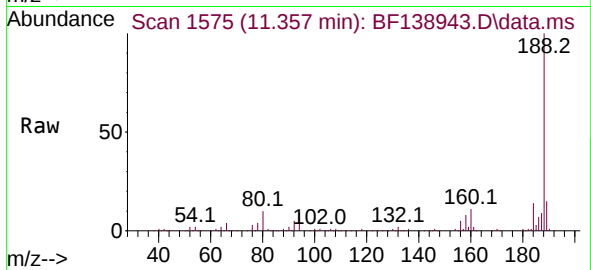
Tgt Ion:188 Resp: 194510

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.9 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: BF138943.D

Acq: 12 Aug 2024 19:58

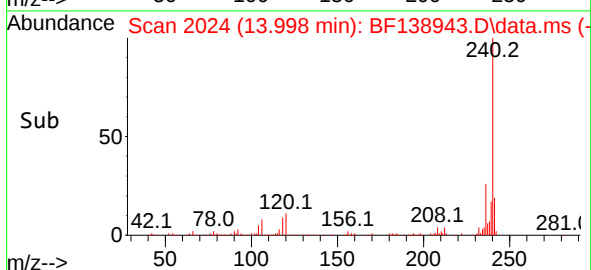
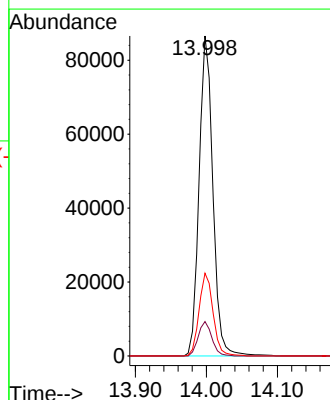
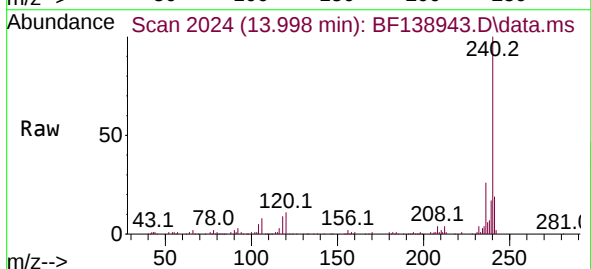
Tgt Ion:240 Resp: 117031

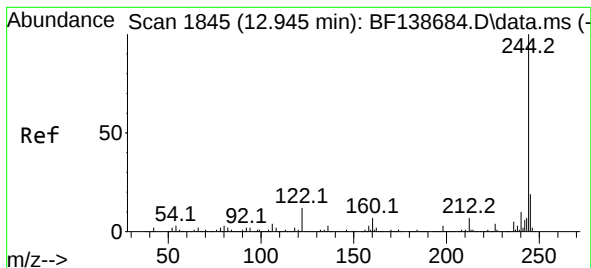
Ion Ratio Lower Upper

240 100

120 10.7 10.2 15.4

236 25.8 19.8 29.8





#79

Terphenyl-d14

Concen: 137.281 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138943.D

Acq: 12 Aug 2024 19:58

Instrument :

BNA_F

ClientSampleId :

RT4534

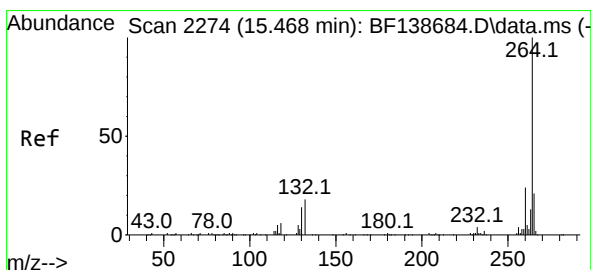
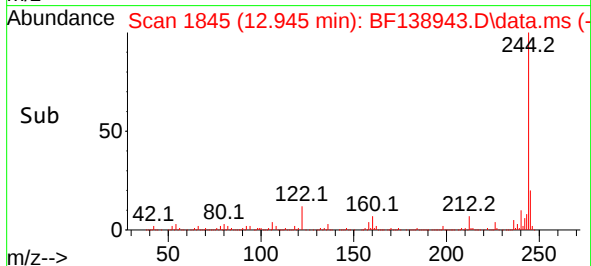
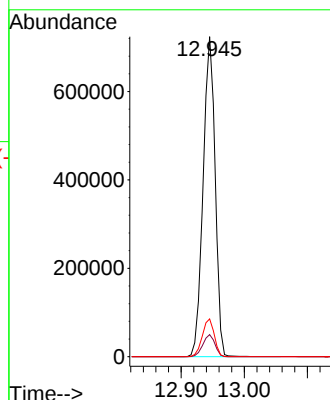
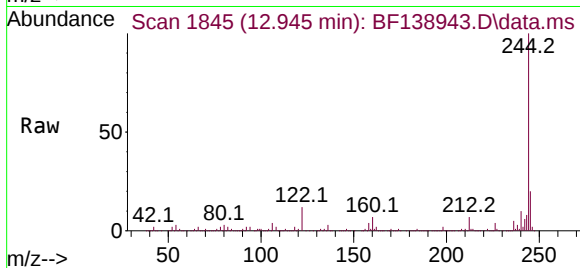
Tgt Ion:244 Resp: 959593

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.8 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: BF138943.D

Acq: 12 Aug 2024 19:58

Tgt Ion:264 Resp: 81727

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.1 17.0 25.6

