

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141561.D
 Acq On : 11 Feb 2025 14:56
 Operator : RC/JU
 Sample : Q1309-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Quant Time: Feb 11 15:25:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	84496	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	336635	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	187957	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	320799	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	233421	20.000	ng	-0.01
86) Perylene-d12	15.409	264	185042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	656433	121.795	ng	0.00
7) Phenol-d6	6.428	99	755253	110.870	ng	-0.01
23) Nitrobenzene-d5	7.351	82	581056	90.029	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	260958	138.211	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1090844	89.414	ng	0.00
79) Terphenyl-d14	12.898	244	1270397	91.879	ng	0.00

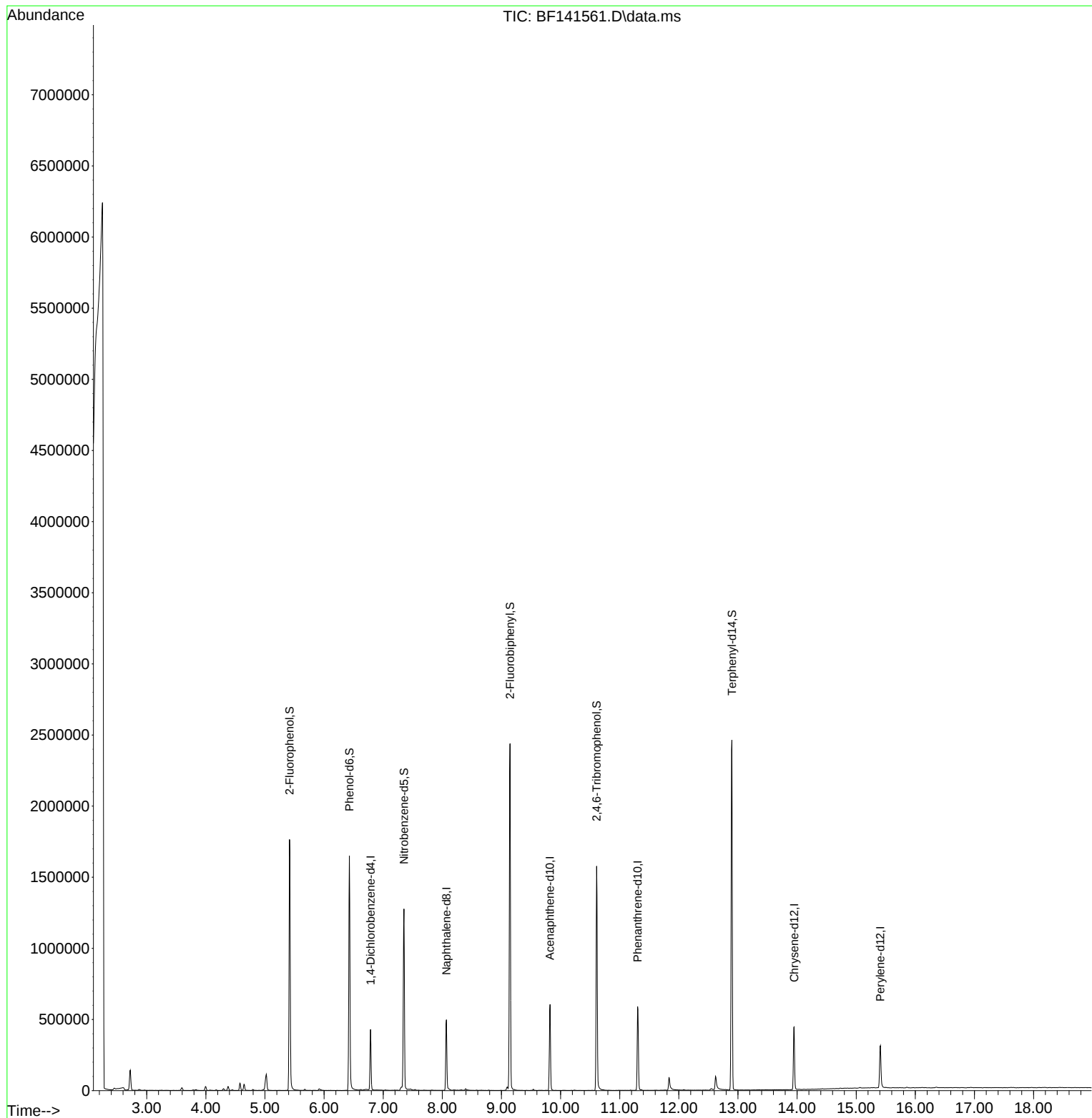
Target Compounds	Qvalue

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

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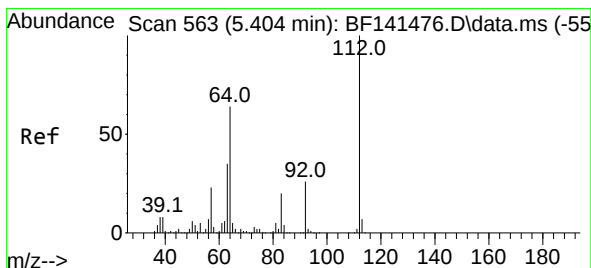
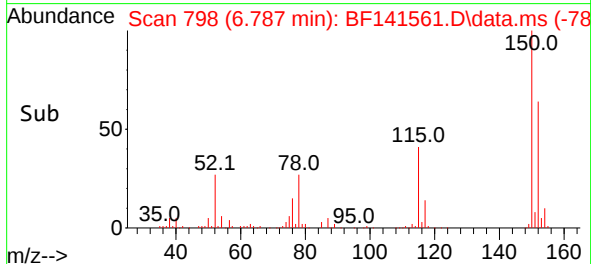
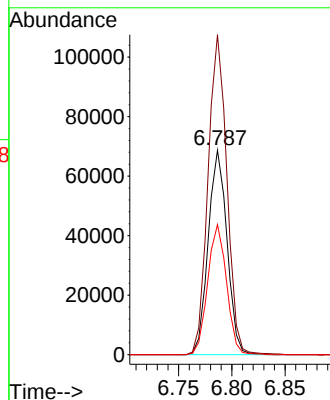
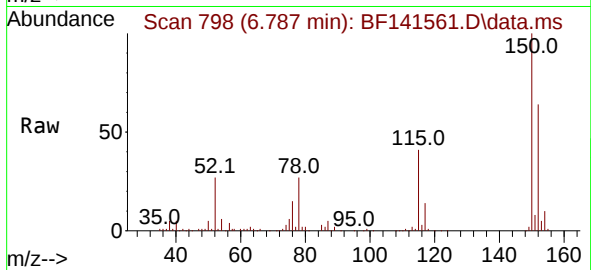




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141561.D
 Acq: 11 Feb 2025 14:56

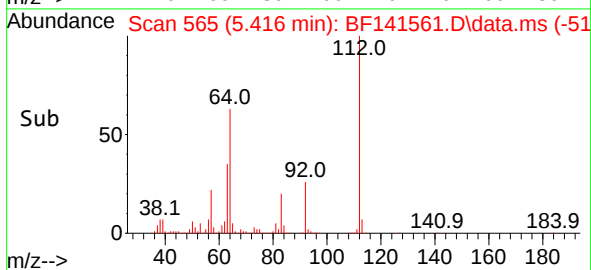
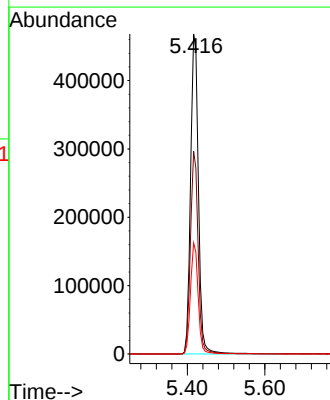
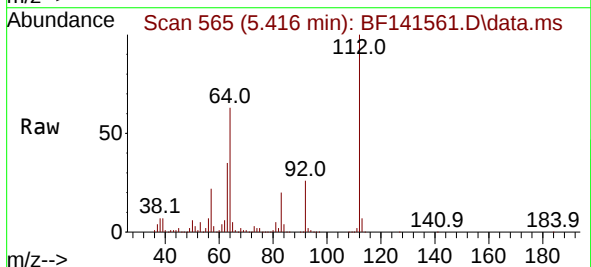
Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Tgt Ion:152 Resp: 84496
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.0 187.4
 115 63.6 53.6 80.4



#5
 2-Fluorophenol
 Concen: 121.795 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141561.D
 Acq: 11 Feb 2025 14:56

Tgt Ion:112 Resp: 656433
 Ion Ratio Lower Upper
 112 100
 64 63.3 51.1 76.7
 63 34.7 28.4 42.6

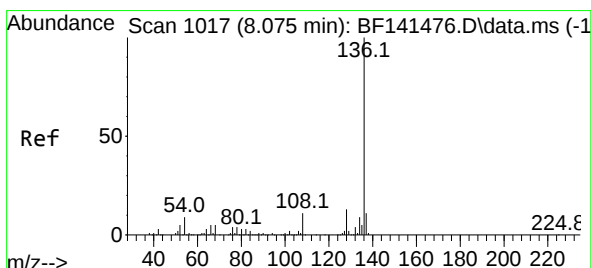
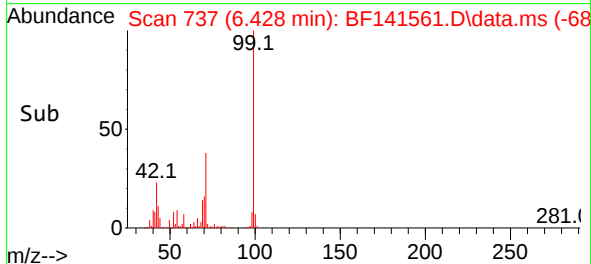
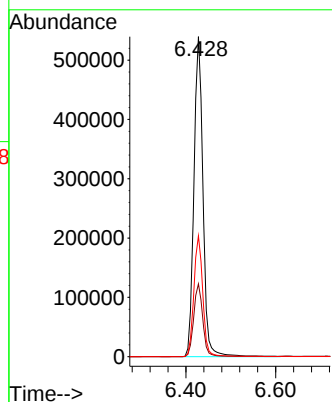
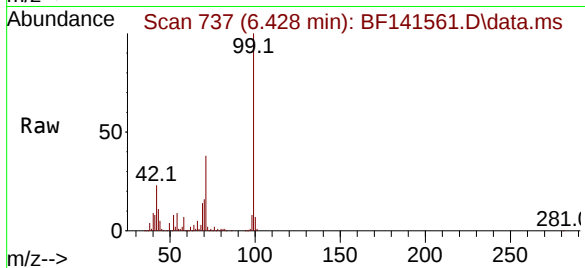




#7
Phenol-d6
Concen: 110.870 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141561.D
Acq: 11 Feb 2025 14:56

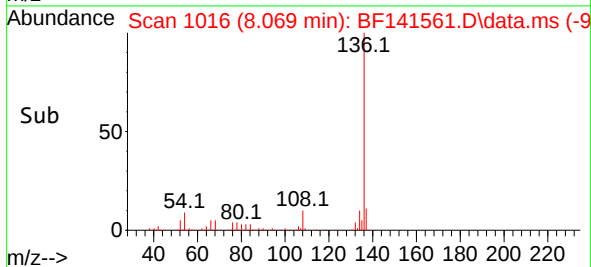
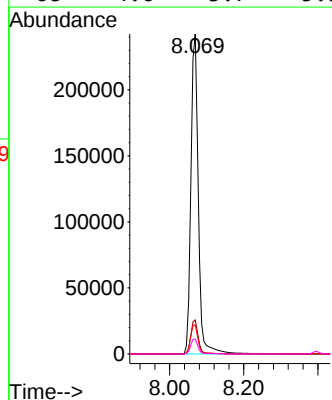
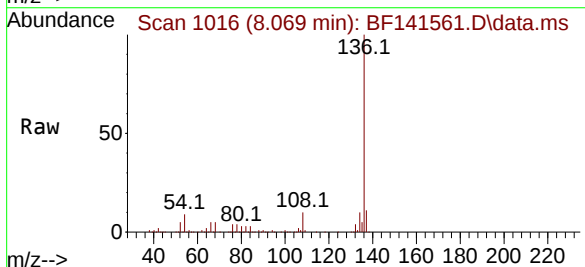
Instrument :
BNA_F
ClientSampleId :
WC-3

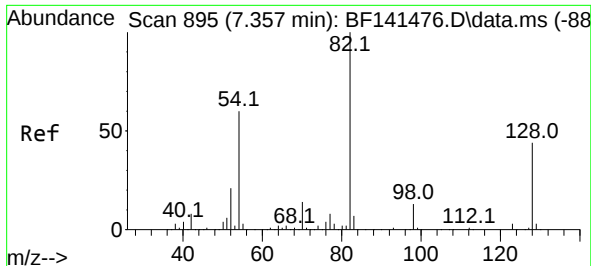
Tgt Ion: 99 Resp: 755253
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 37.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141561.D
Acq: 11 Feb 2025 14:56

Tgt Ion: 136 Resp: 336635
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.1 7.2 10.8
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 90.029 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

Instrument :

BNA_F

ClientSampleId :

WC-3

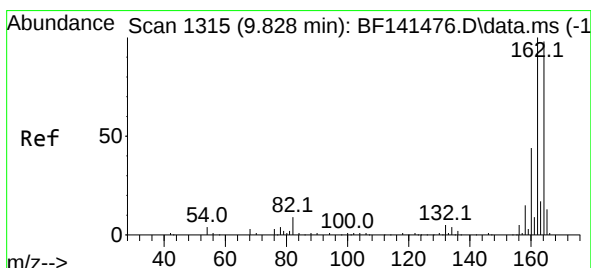
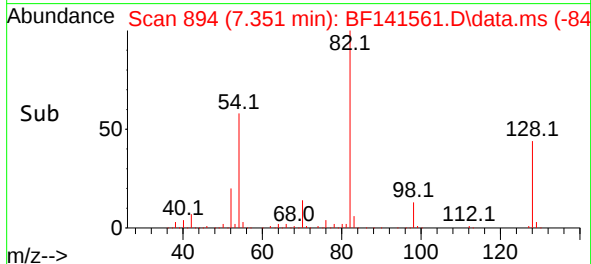
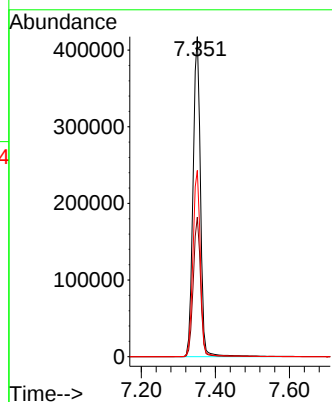
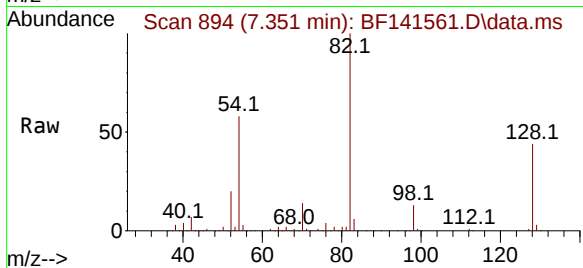
Tgt Ion: 82 Resp: 581056

Ion Ratio Lower Upper

82 100

128 43.6 34.8 52.2

54 58.2 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

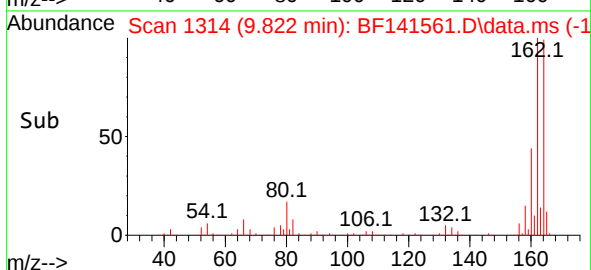
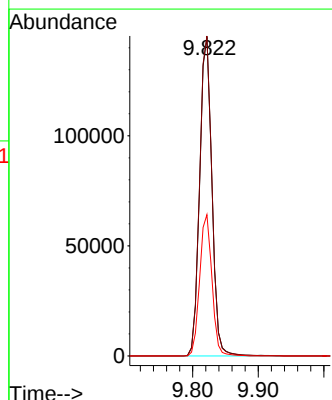
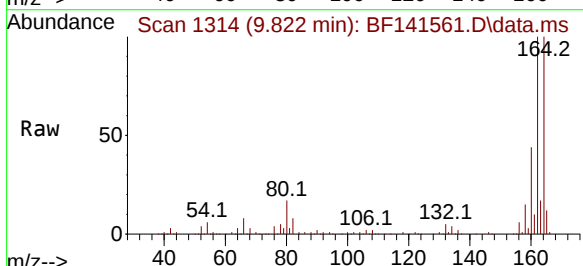
Tgt Ion:164 Resp: 187957

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

160 44.3 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 138.211 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

Instrument :

BNA_F

ClientSampleId :

WC-3

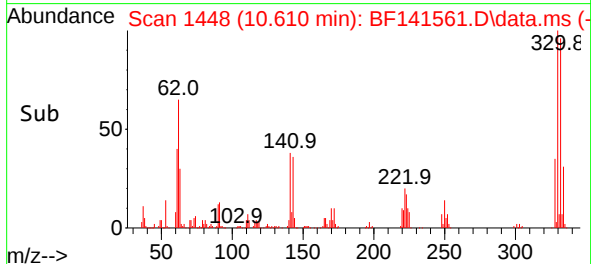
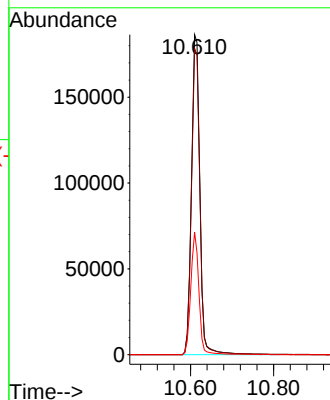
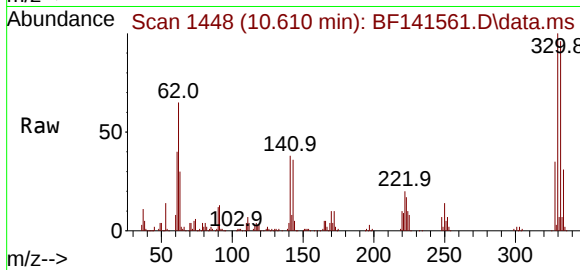
Tgt Ion:330 Resp: 260958

Ion Ratio Lower Upper

330 100

332 95.9 78.5 117.7

141 37.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 89.414 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

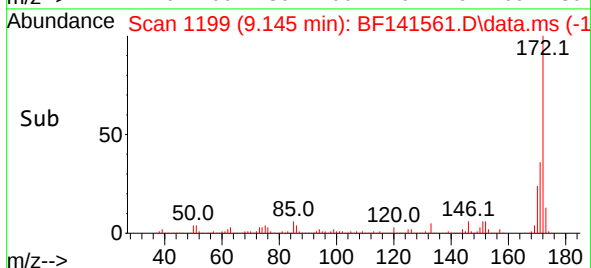
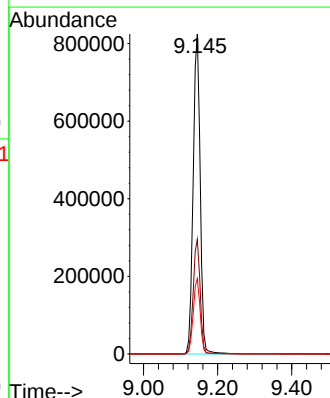
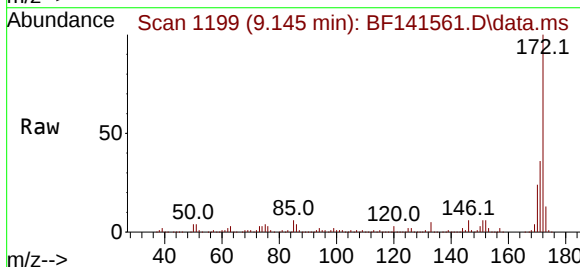
Tgt Ion:172 Resp: 1090844

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

Instrument :

BNA_F

ClientSampleId :

WC-3

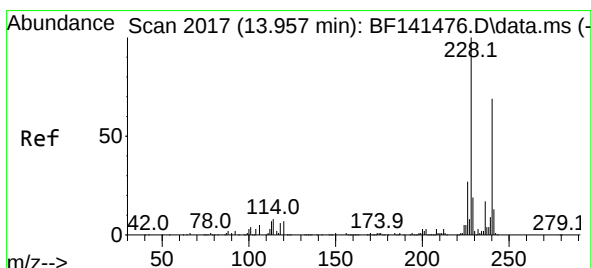
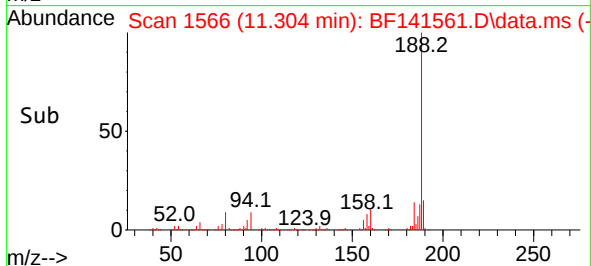
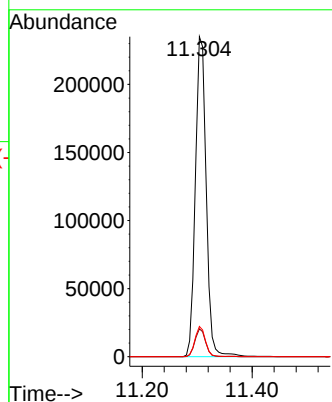
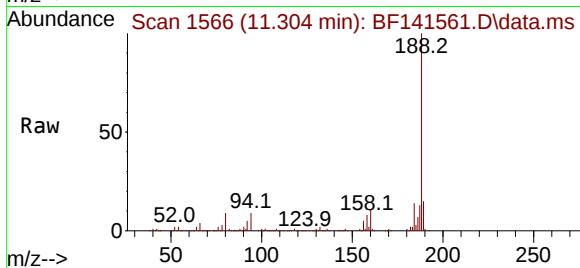
Tgt Ion:188 Resp: 320799

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF141561.D

Acq: 11 Feb 2025 14:56

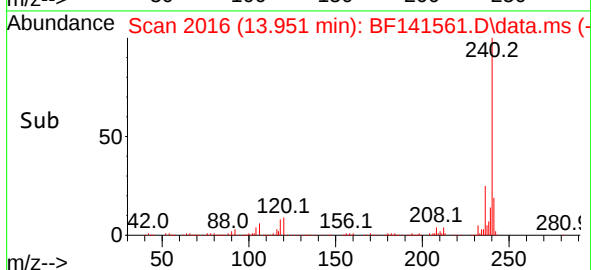
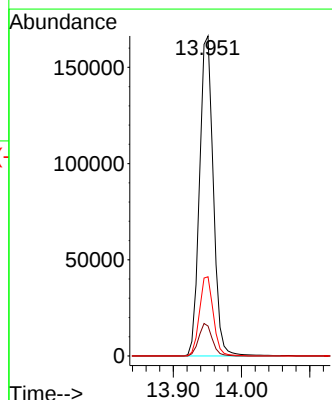
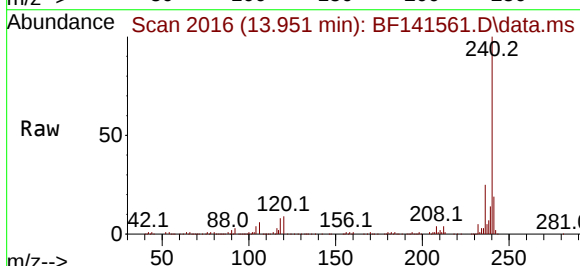
Tgt Ion:240 Resp: 233421

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

236 24.8 19.8 29.8

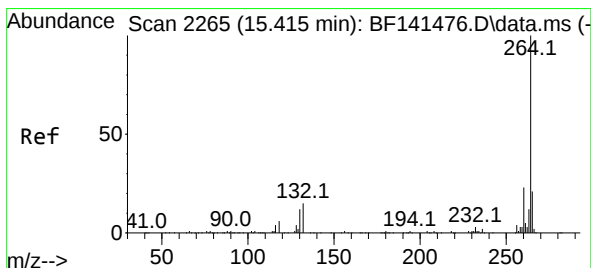
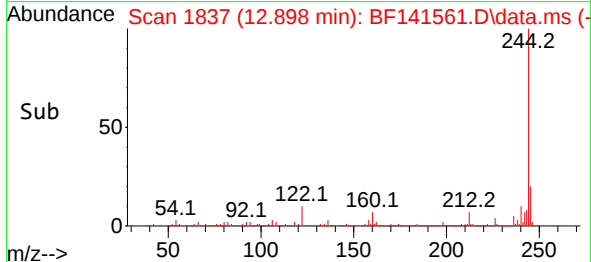
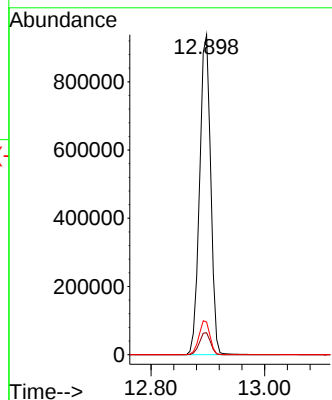
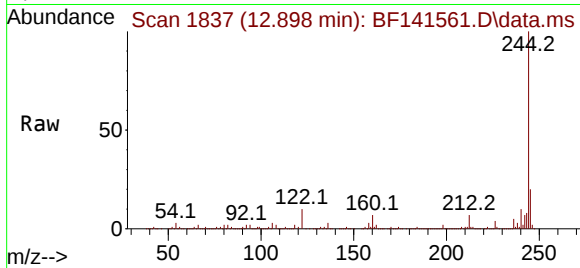




#79
 Terphenyl-d14
 Concen: 91.879 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141561.D
 Acq: 11 Feb 2025 14:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-3

Tgt Ion:244 Resp: 1270397
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.2 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141561.D
 Acq: 11 Feb 2025 14:56

Tgt Ion:264 Resp: 185042
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.1 17.0 25.4

