

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141578.D
 Acq On : 12 Feb 2025 09:59
 Operator : RC/JU
 Sample : PB166665BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166665BL

Quant Time: Feb 12 10:40:28 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	90724	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	361890	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	198246	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	359793	20.000	ng	0.00
76) Chrysene-d12	13.951	240	277626	20.000	ng	-0.01
86) Perylene-d12	15.404	264	209833	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	792046	136.868	ng	0.00
7) Phenol-d6	6.428	99	985259	134.705	ng	-0.01
23) Nitrobenzene-d5	7.351	82	654700	94.360	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	278394	139.793	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1243343	96.625	ng	0.00
79) Terphenyl-d14	12.898	244	1541969	93.763	ng	0.00

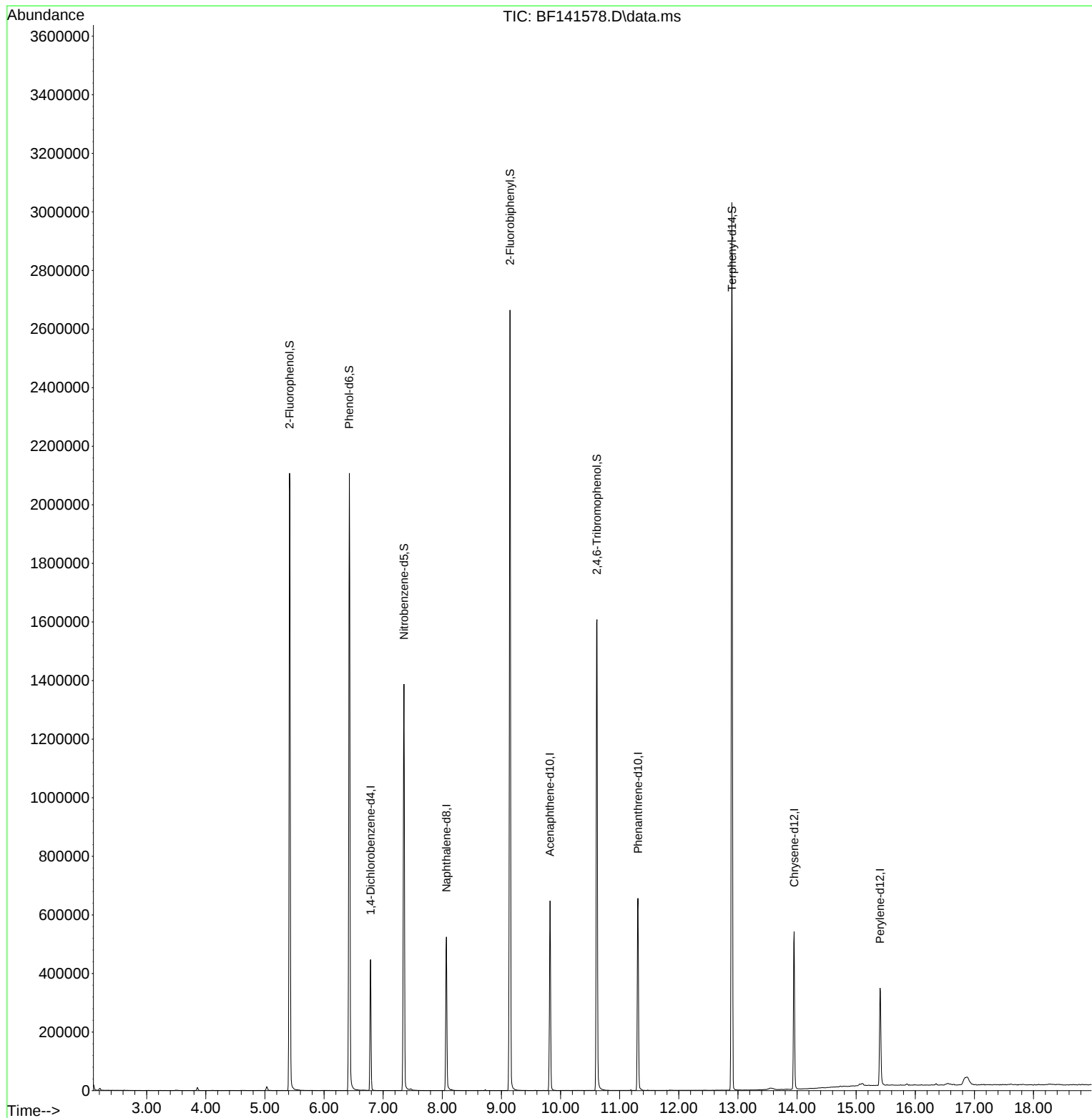
Target Compounds	Qvalue

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

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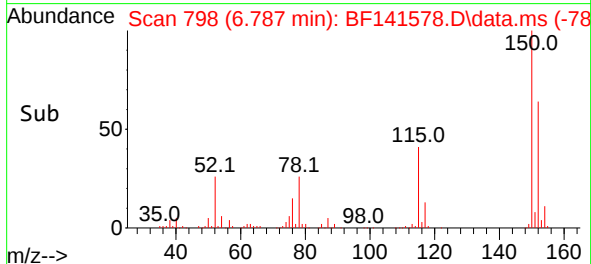
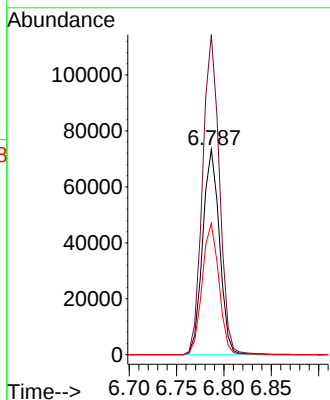
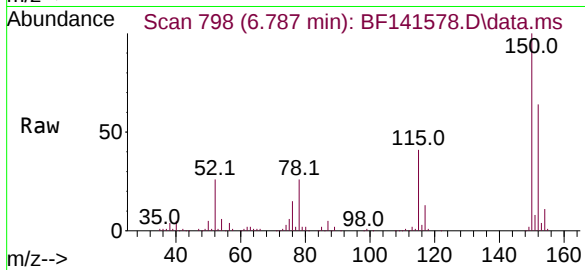




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

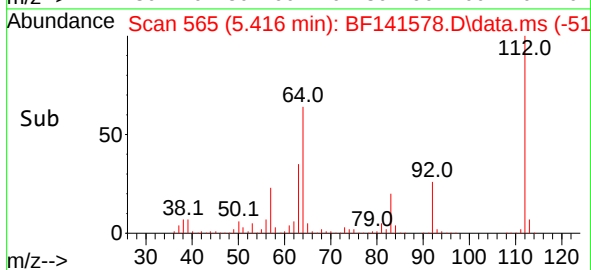
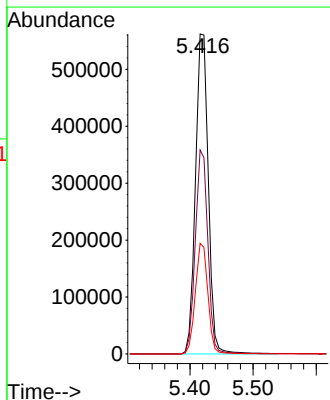
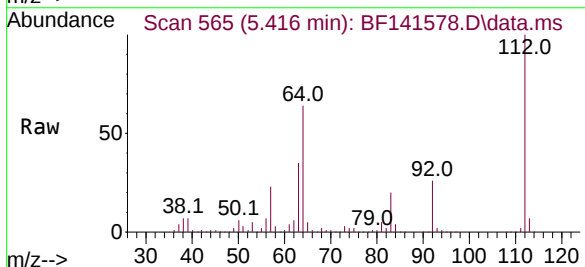
Instrument :
BNA_F
ClientSampleId :
PB166665BL

Tgt Ion:152 Resp: 90724
Ion Ratio Lower Upper
152 100
150 155.9 125.0 187.4
115 64.0 53.6 80.4



#5
2-Fluorophenol
Concen: 136.868 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

Tgt Ion:112 Resp: 792046
Ion Ratio Lower Upper
112 100
64 63.8 51.1 76.7
63 34.6 28.4 42.6

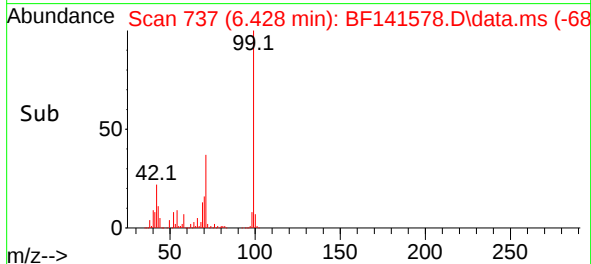
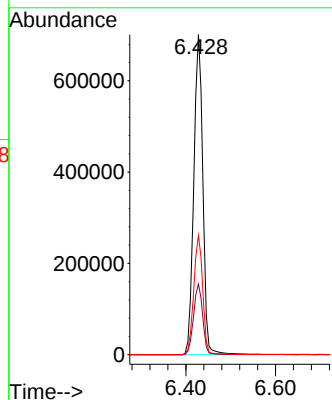
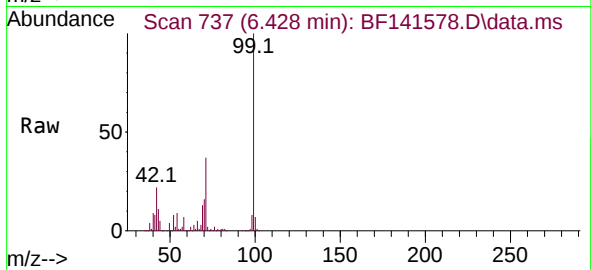




#7
Phenol-d6
Concen: 134.705 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

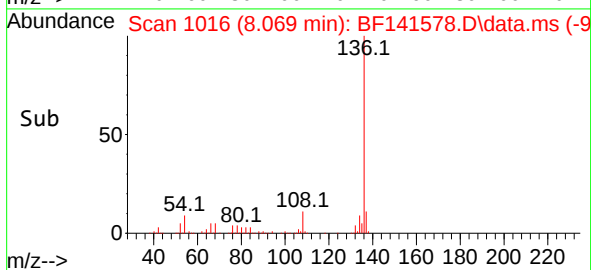
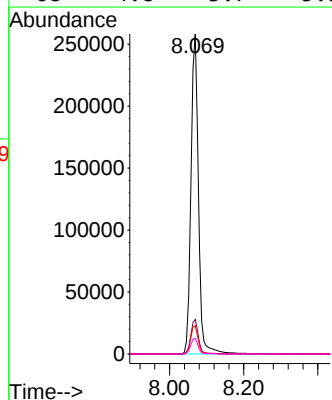
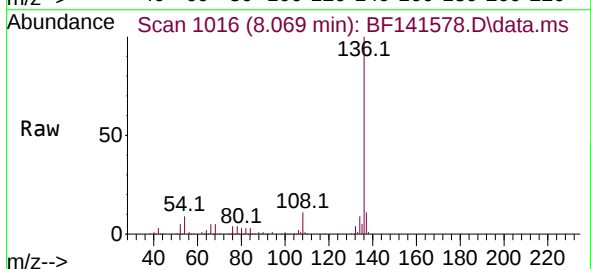
Instrument :
BNA_F
ClientSampleId :
PB166665BL

Tgt Ion: 99 Resp: 985259
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 37.2 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: BF141578.D
Acq: 12 Feb 2025 09:59

Tgt Ion:136 Resp: 361890
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.2 10.8
68 4.8 3.7 5.5

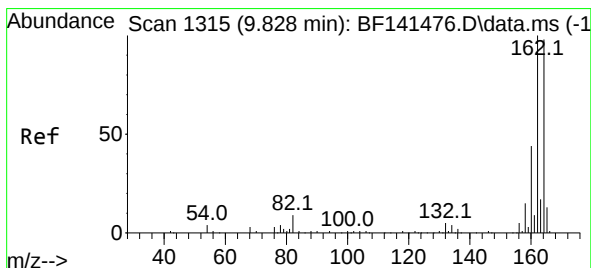
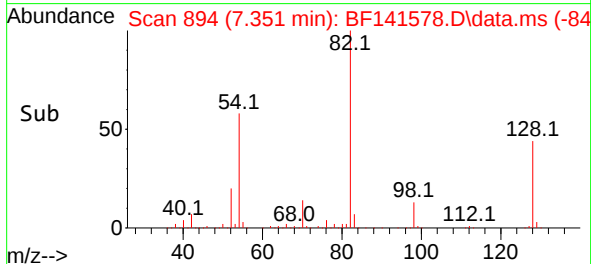
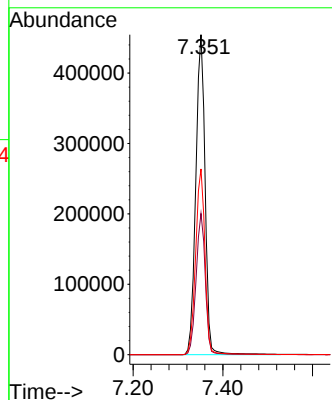
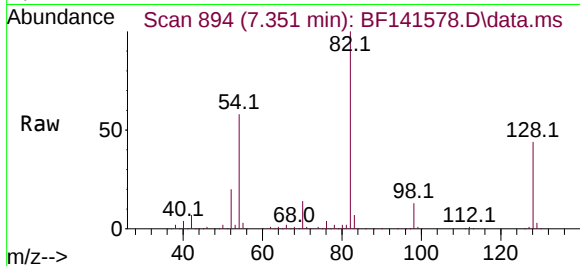




#23
Nitrobenzene-d5
Concen: 94.360 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141578.D
Acq: 12 Feb 2025 09:59

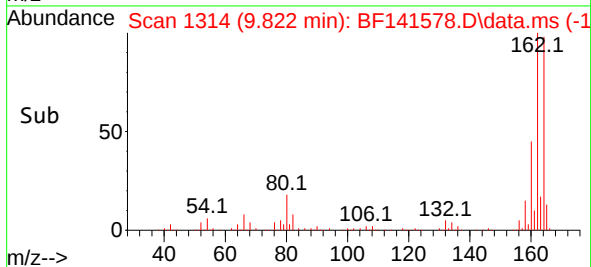
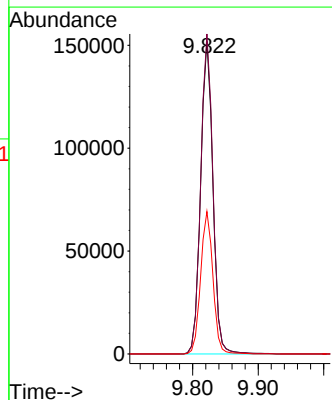
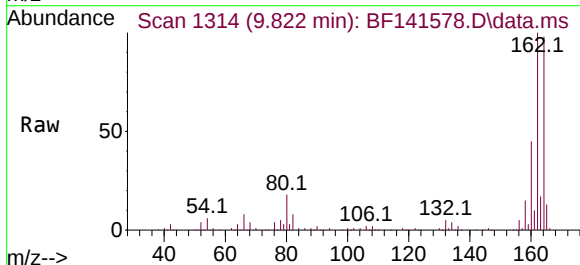
Instrument :
BNA_F
ClientSampleId :
PB166665BL

Tgt Ion: 82 Resp: 654700
Ion Ratio Lower Upper
82 100
128 44.2 34.8 52.2
54 58.1 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: BF141578.D
Acq: 12 Feb 2025 09:59

Tgt Ion:164 Resp: 198246
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 139.793 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141578.D

Acq: 12 Feb 2025 09:59

Instrument :

BNA_F

ClientSampleId :

PB166665BL

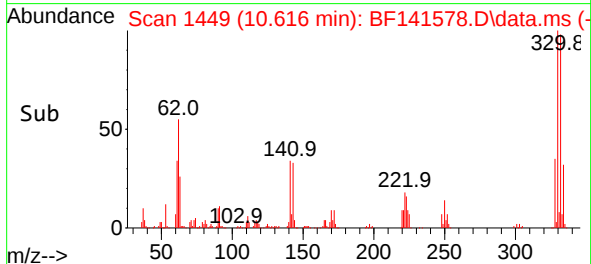
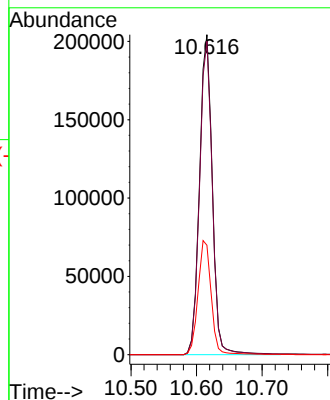
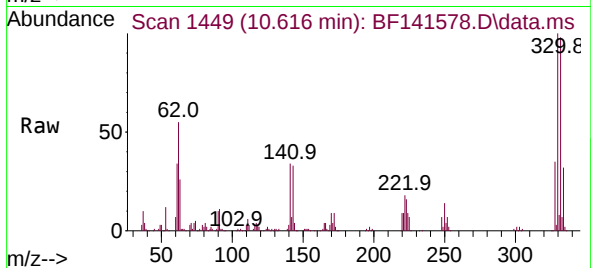
Tgt Ion:330 Resp: 278394

Ion Ratio Lower Upper

330 100

332 98.0 78.5 117.7

141 36.7 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 96.625 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141578.D

Acq: 12 Feb 2025 09:59

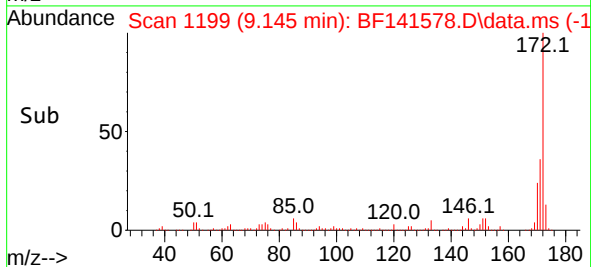
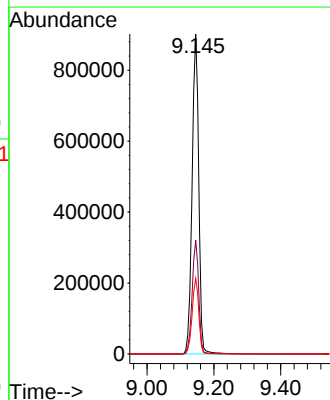
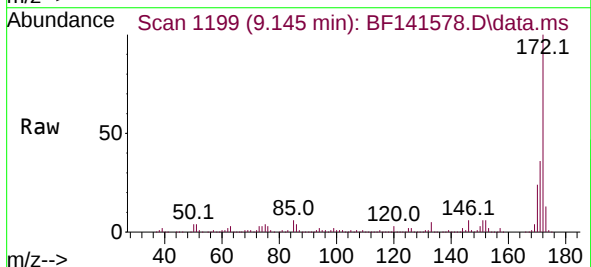
Tgt Ion:172 Resp: 1243343

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141578.D

Acq: 12 Feb 2025 09:59

Instrument :

BNA_F

ClientSampleId :

PB166665BL

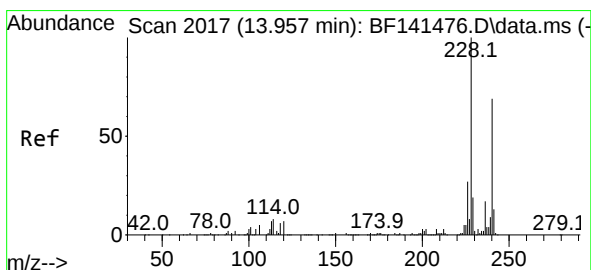
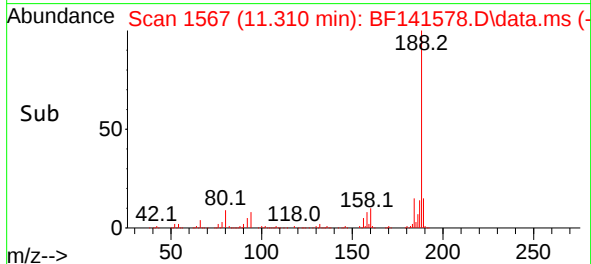
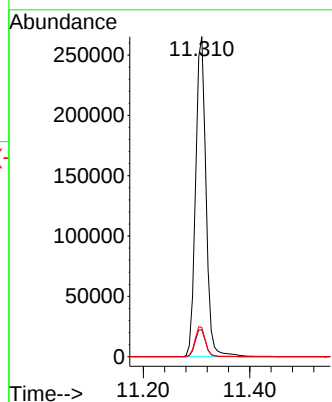
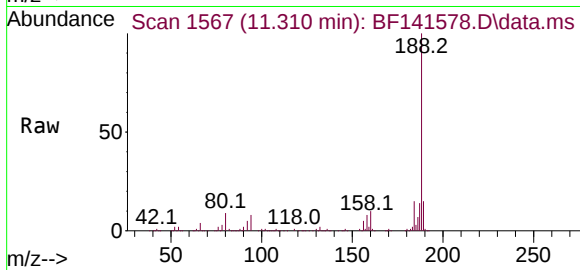
Tgt Ion:188 Resp: 359793

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.1 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: BF141578.D

Acq: 12 Feb 2025 09:59

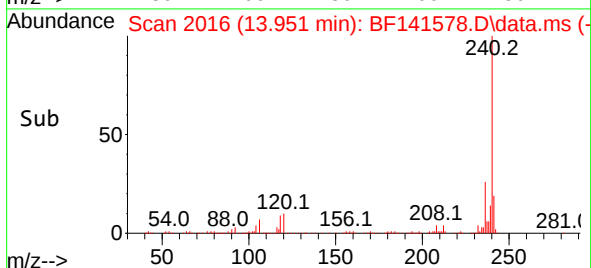
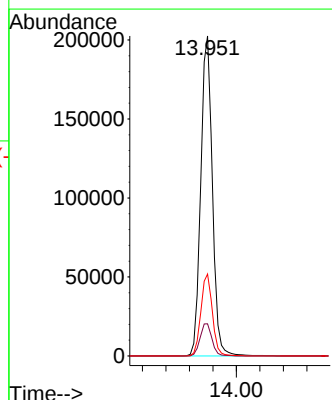
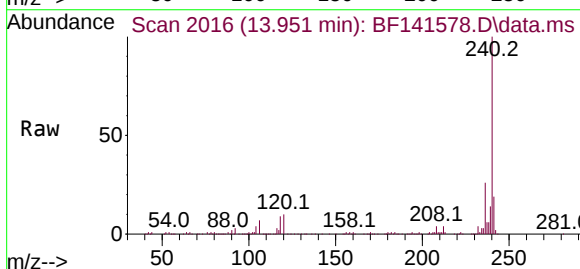
Tgt Ion:240 Resp: 277626

Ion Ratio Lower Upper

240 100

120 10.1 8.0 12.0

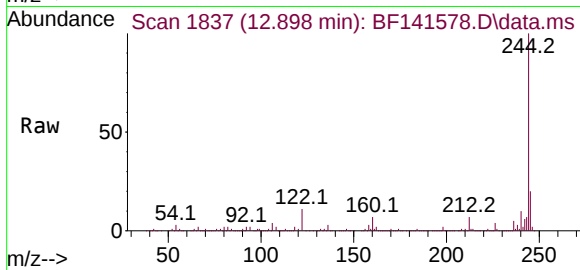
236 25.6 19.8 29.8



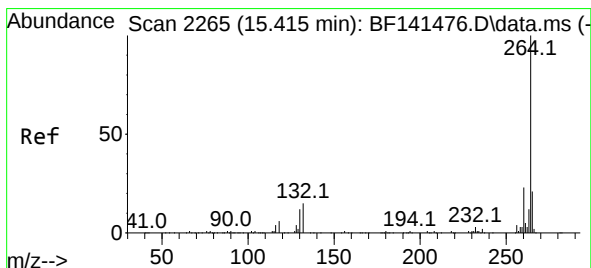
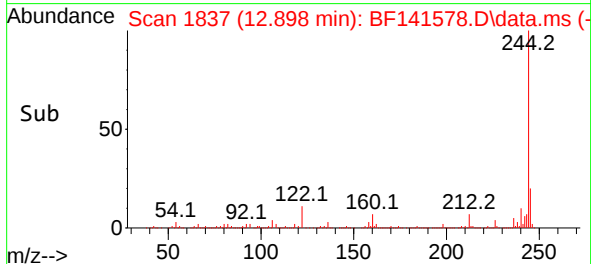
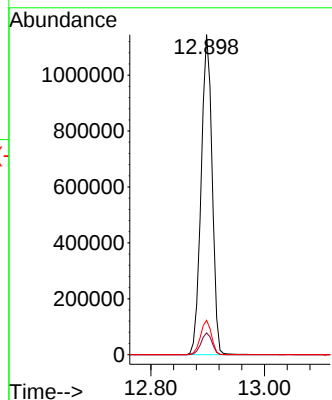


#79
 Terphenyl-d14
 Concen: 93.763 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141578.D
 Acq: 12 Feb 2025 09:59

Instrument :
 BNA_F
 ClientSampleId :
 PB166665BL



Tgt Ion:244 Resp: 1541969
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.8 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF141578.D
 Acq: 12 Feb 2025 09:59

Tgt Ion:264 Resp: 209833
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 21.6 17.0 25.4

