

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141552.D
 Acq On : 11 Feb 2025 10:55
 Operator : RC/JU
 Sample : PB166640BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166640BL

Quant Time: Feb 11 11:20:52 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	88145	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	359727	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	204188	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	375990	20.000	ng	0.00
76) Chrysene-d12	13.951	240	303150	20.000	ng	-0.01
86) Perylene-d12	15.410	264	234196	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	750167	133.424	ng	0.00
7) Phenol-d6	6.428	99	936490	131.784	ng	-0.01
23) Nitrobenzene-d5	7.351	82	629267	91.240	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	283654	138.289	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1215582	91.718	ng	0.00
79) Terphenyl-d14	12.898	244	1564256	87.110	ng	0.00

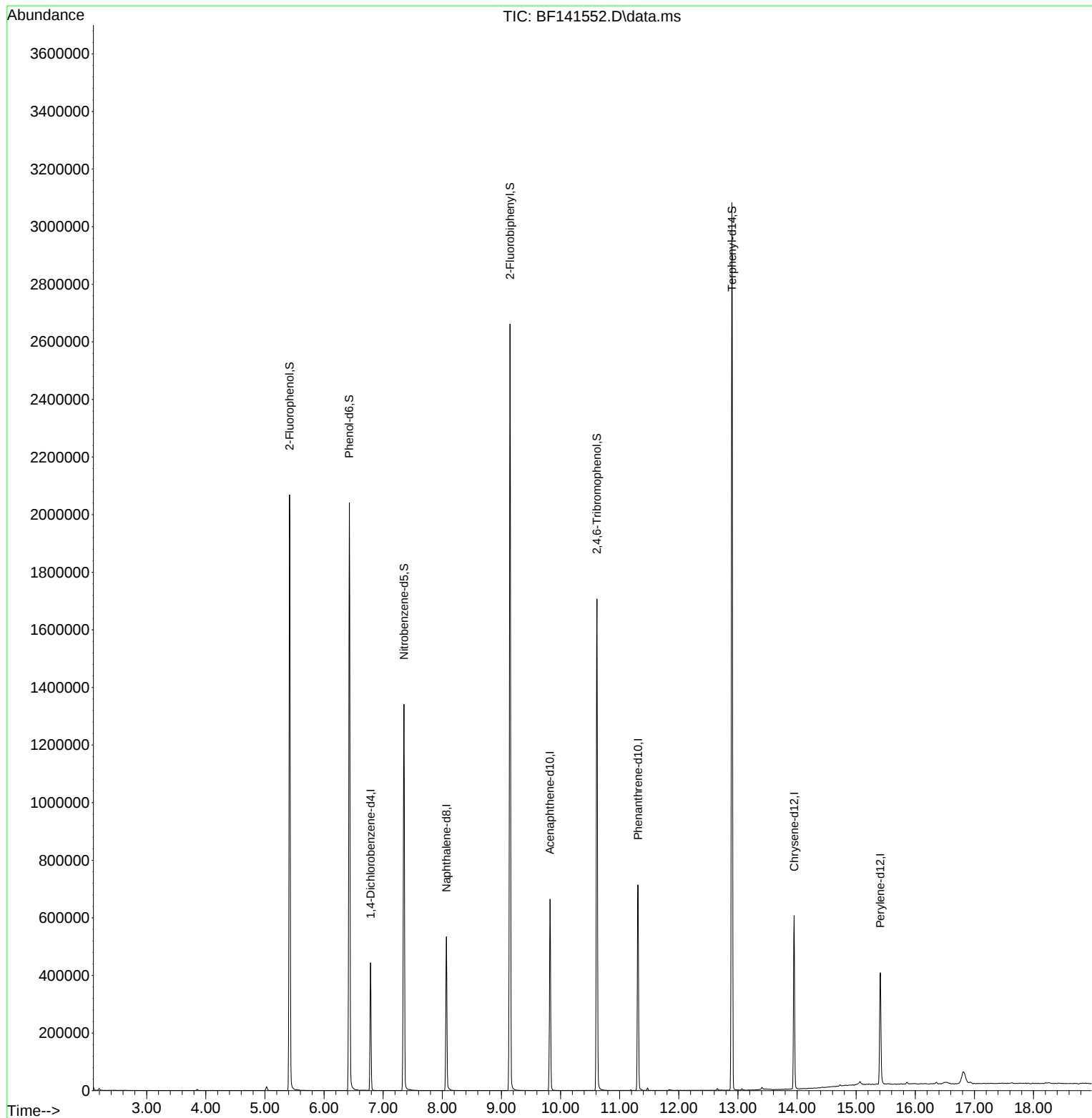
Target Compounds	Qvalue

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

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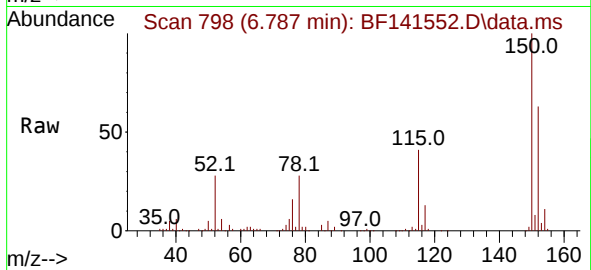
Quant Time: Feb 11 11:20:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
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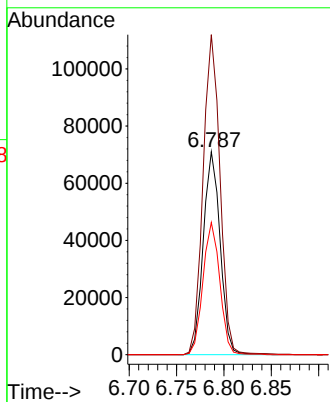
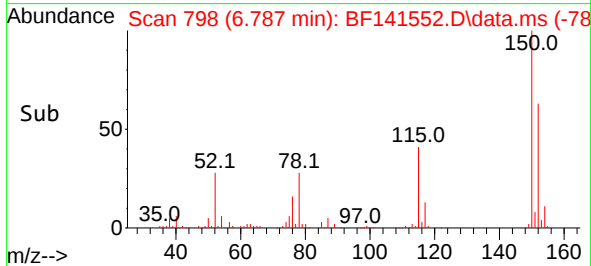


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141552.D
Acq: 11 Feb 2025 10:55

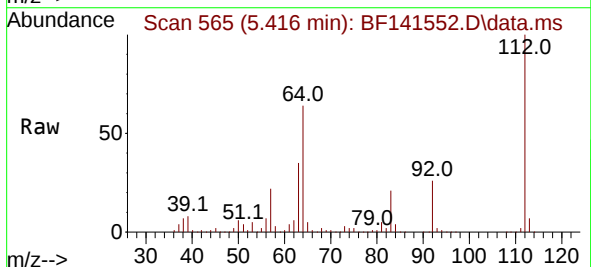
Instrument :
BNA_F
ClientSampleId :
PB166640BL



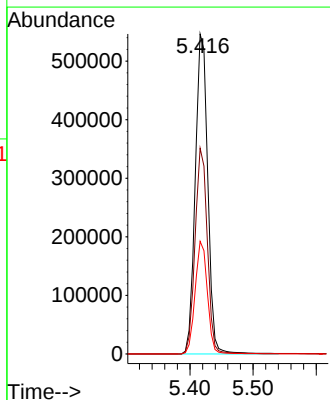
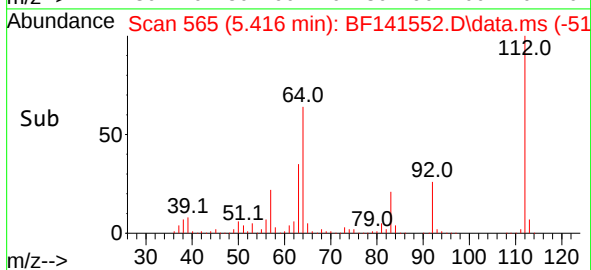
Tgt Ion:152 Resp: 88145
Ion Ratio Lower Upper
152 100
150 157.7 125.0 187.4
115 65.2 53.6 80.4



#5
2-Fluorophenol
Concen: 133.424 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141552.D
Acq: 11 Feb 2025 10:55



Tgt Ion:112 Resp: 750167
Ion Ratio Lower Upper
112 100
64 64.3 51.1 76.7
63 35.2 28.4 42.6





#7
Phenol-d6
Concen: 131.784 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141552.D
Acq: 11 Feb 2025 10:55

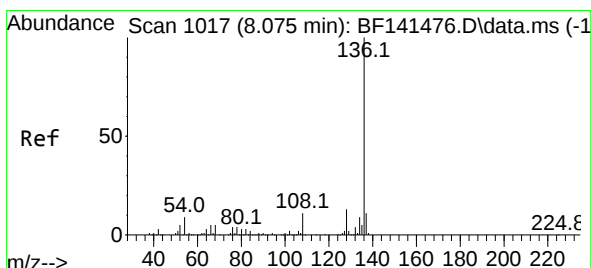
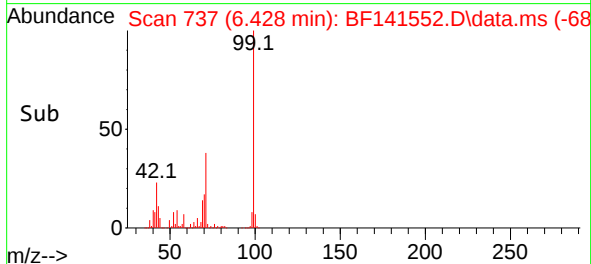
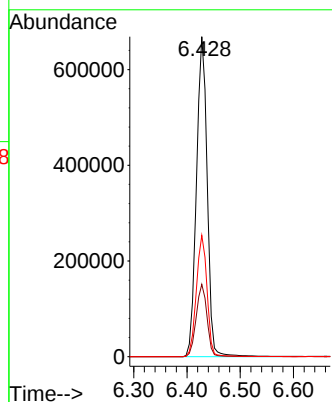
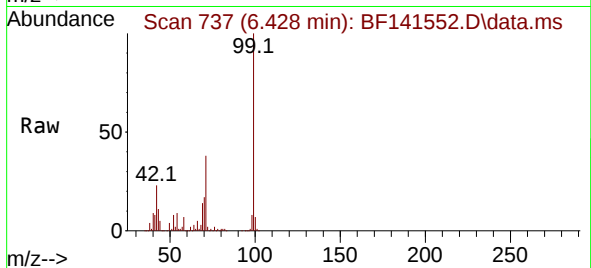
Instrument :

BNA_F

ClientSampleId :

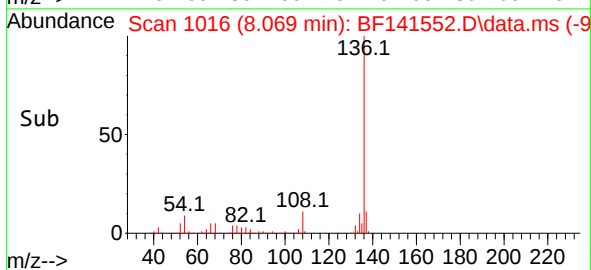
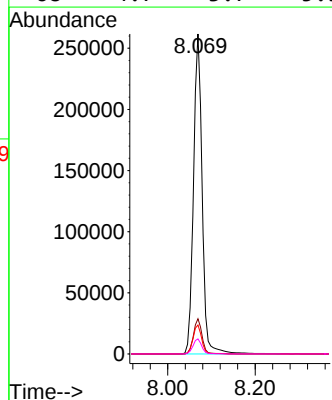
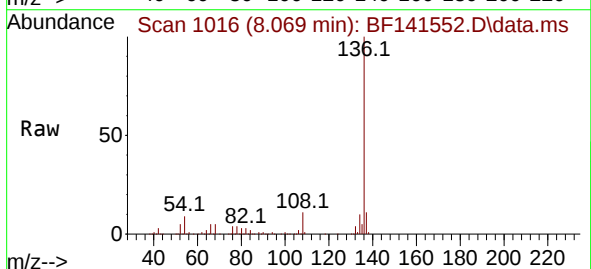
PB166640BL

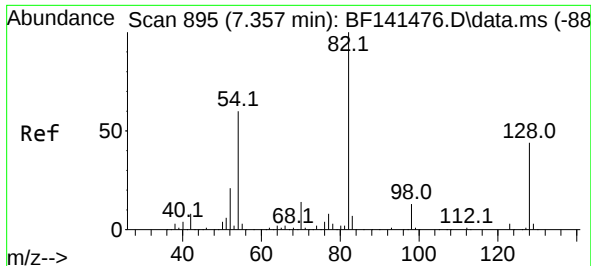
Tgt Ion: 99 Resp: 936490
Ion Ratio Lower Upper
99 100
42 22.6 19.1 28.7
71 37.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141552.D
Acq: 11 Feb 2025 10:55

Tgt Ion: 136 Resp: 359727
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.0 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 91.240 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141552.D

Acq: 11 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166640BL

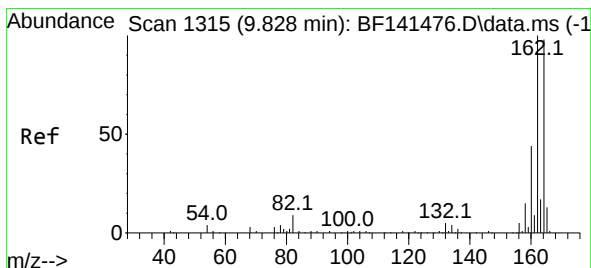
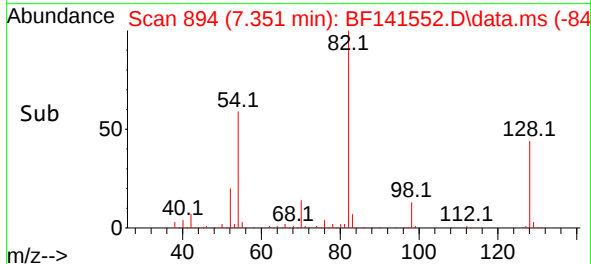
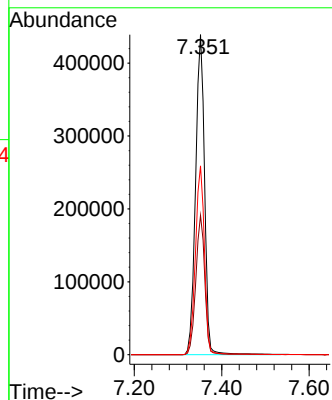
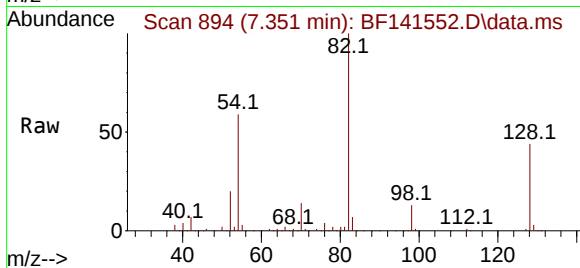
Tgt Ion: 82 Resp: 629267

Ion Ratio Lower Upper

82 100

128 43.6 34.8 52.2

54 59.0 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: BF141552.D

Acq: 11 Feb 2025 10:55

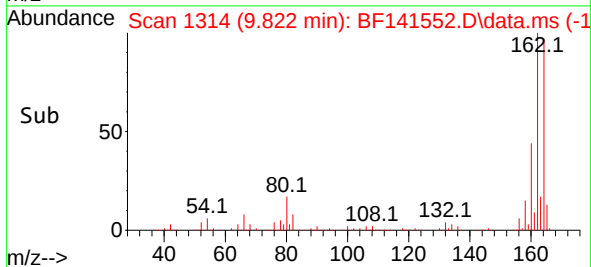
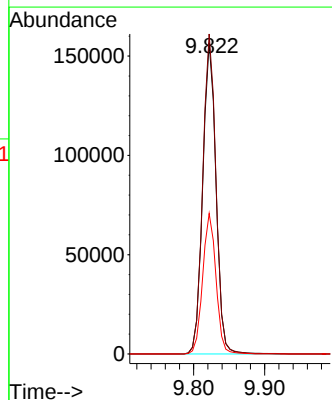
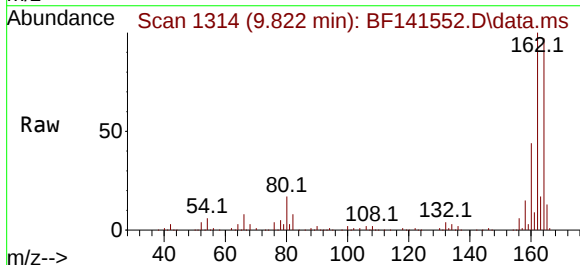
Tgt Ion:164 Resp: 204188

Ion Ratio Lower Upper

164 100

162 102.8 81.3 121.9

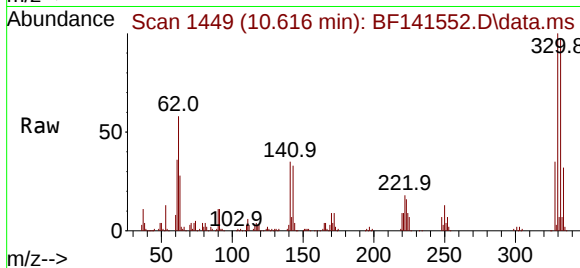
160 45.1 35.9 53.9



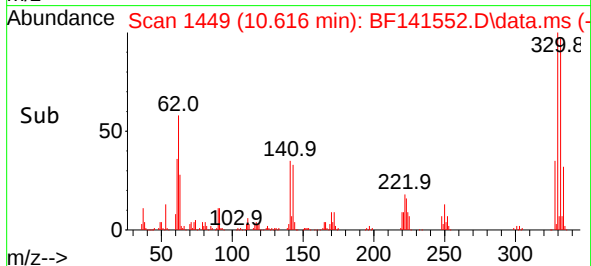
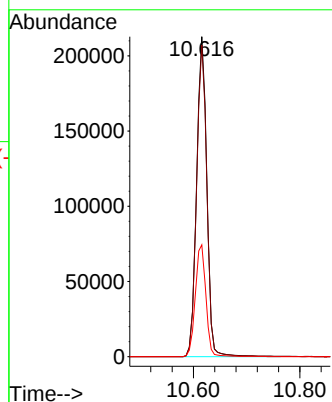


#42
2,4,6-Tribromophenol
Concen: 138.289 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141552.D
Acq: 11 Feb 2025 10:55

Instrument :
BNA_F
ClientSampleId :
PB166640BL

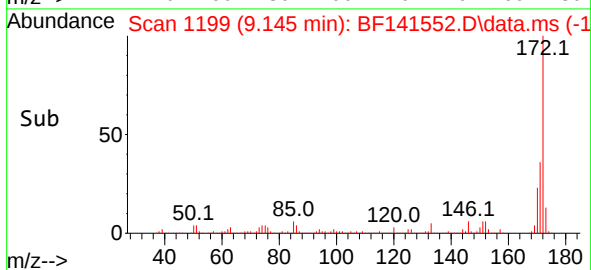
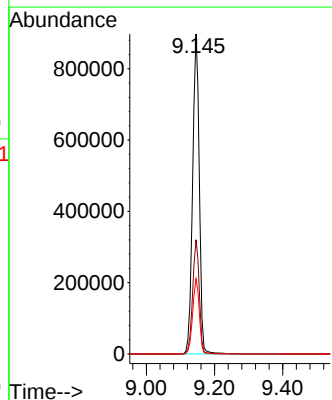
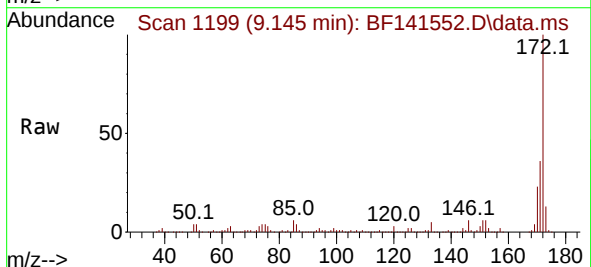


Tgt Ion: 330 Resp: 283654
Ion Ratio Lower Upper
330 100
332 97.6 78.5 117.7
141 36.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 91.718 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141552.D
Acq: 11 Feb 2025 10:55

Tgt Ion: 172 Resp: 1215582
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 23.5 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: BF141552.D

Acq: 11 Feb 2025 10:55

Instrument :

BNA_F

ClientSampleId :

PB166640BL

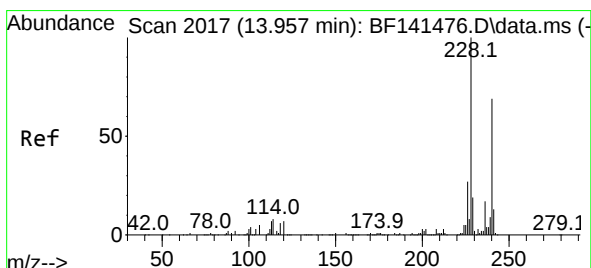
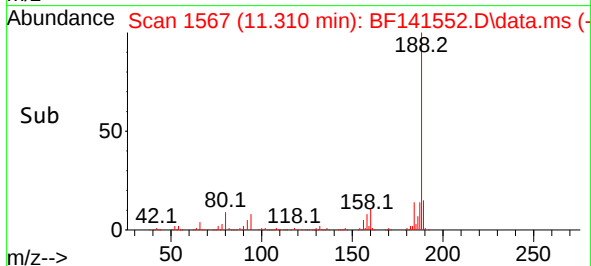
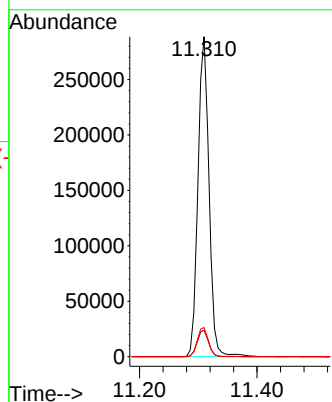
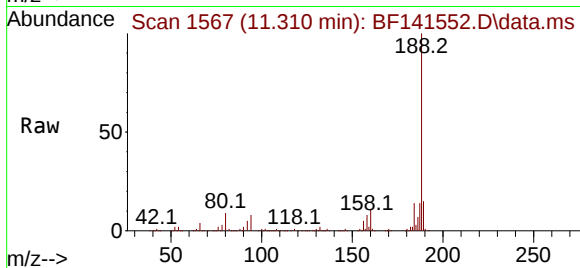
Tgt Ion:188 Resp: 375990

Ion Ratio Lower Upper

188 100

94 8.3 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: BF141552.D

Acq: 11 Feb 2025 10:55

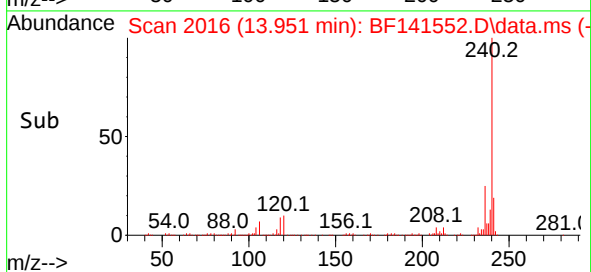
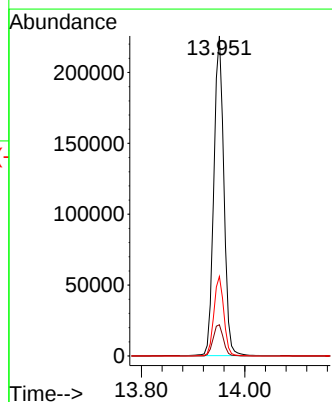
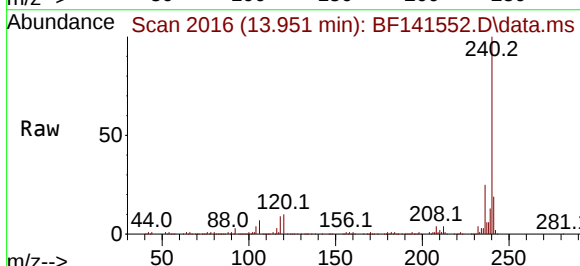
Tgt Ion:240 Resp: 303150

Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

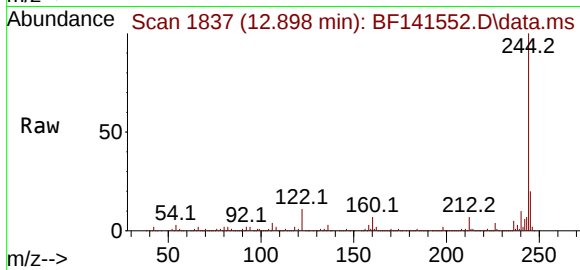
236 24.9 19.8 29.8



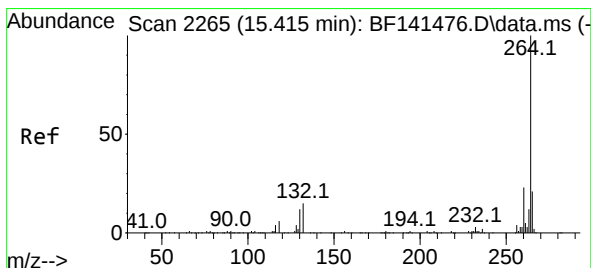
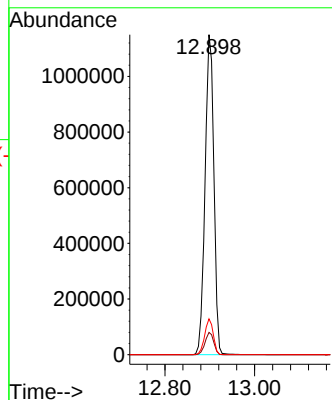
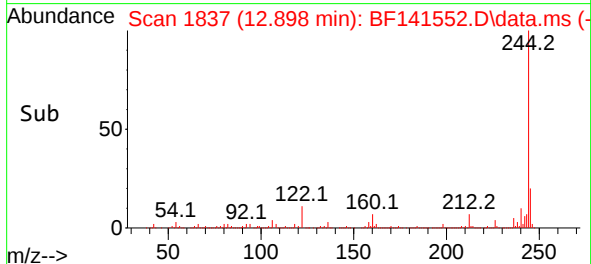


#79
 Terphenyl-d14
 Concen: 87.110 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141552.D
 Acq: 11 Feb 2025 10:55

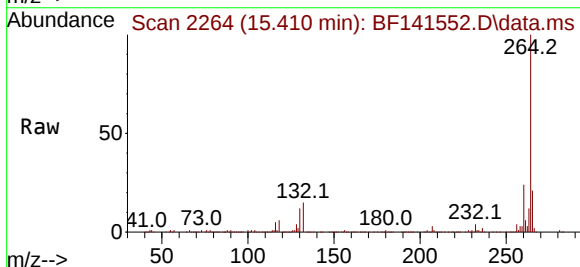
Instrument :
 BNA_F
 ClientSampleId :
 PB166640BL



Tgt Ion:244 Resp: 1564256
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.2 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141552.D
 Acq: 11 Feb 2025 10:55



Tgt Ion:264 Resp: 234196
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 28.0
 265 21.1 17.0 25.4

