

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141632.D
 Acq On : 14 Feb 2025 11:48
 Operator : RC/JU
 Sample : PB166702TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166702TB

Quant Time: Feb 14 12:10:33 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	6.786	152	92383	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	385537	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	218368	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	391309	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	292293	20.000	ng	0.00
86) Perylene-d12	15.427	264	211782	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	798195	135.454	ng	0.00
7) Phenol-d6	6.428	99	983492	132.049	ng	-0.01
23) Nitrobenzene-d5	7.351	82	653275	88.380	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	285090	129.964	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1243275	87.716	ng	0.00
79) Terphenyl-d14	12.898	244	1566270	90.462	ng	0.00

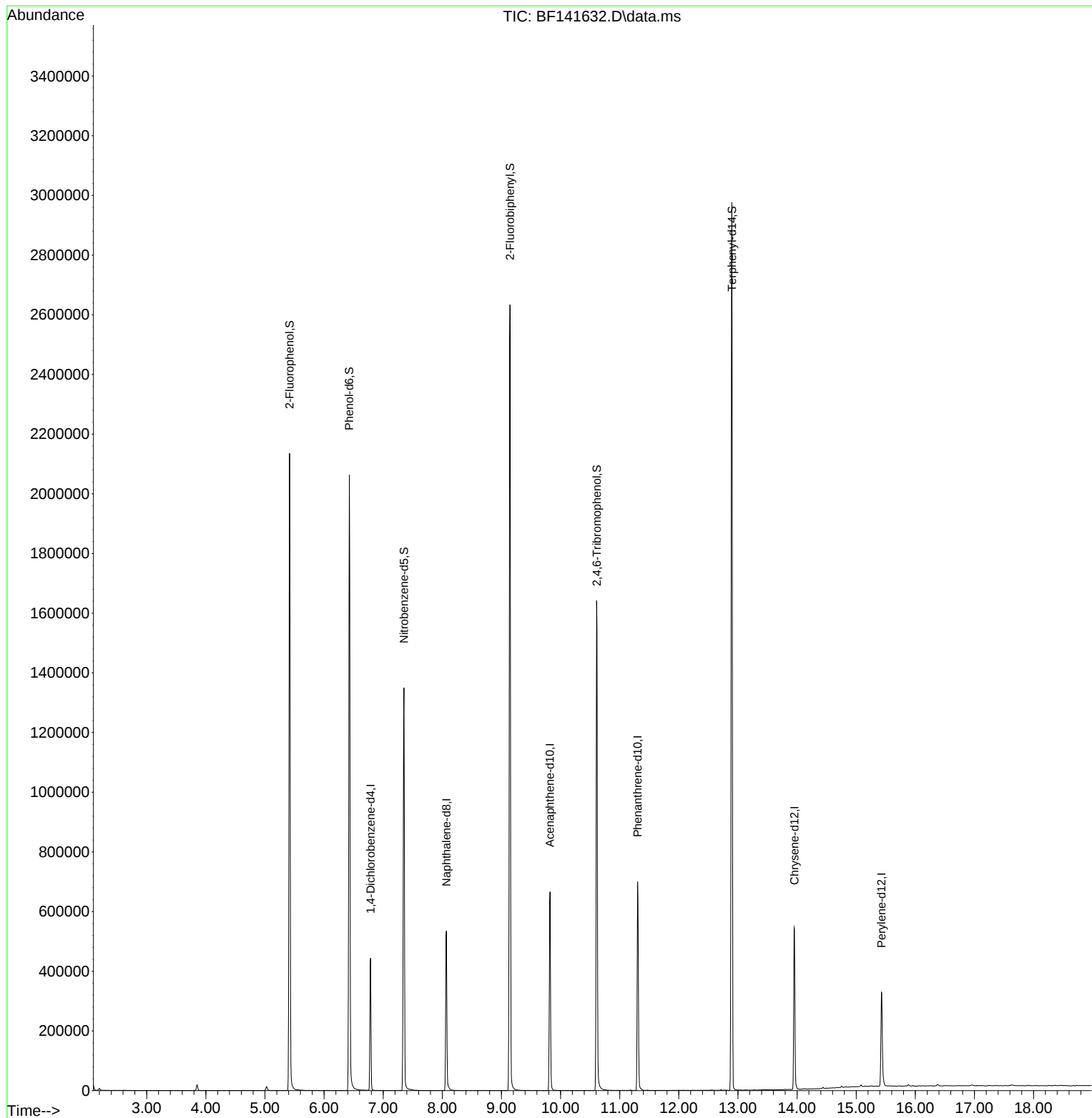
Target Compounds	Qvalue

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

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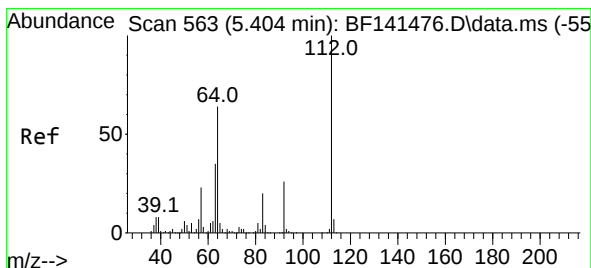
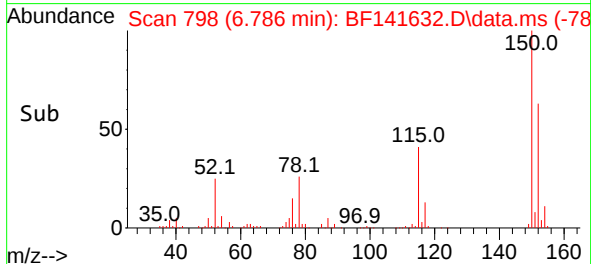
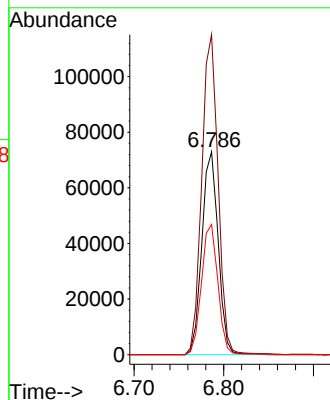
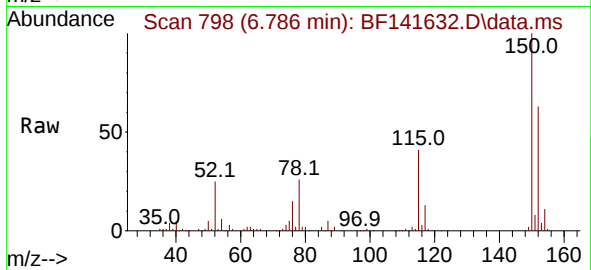




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

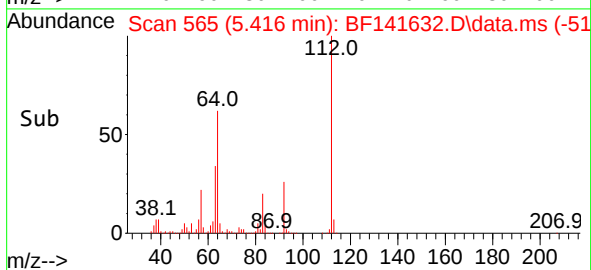
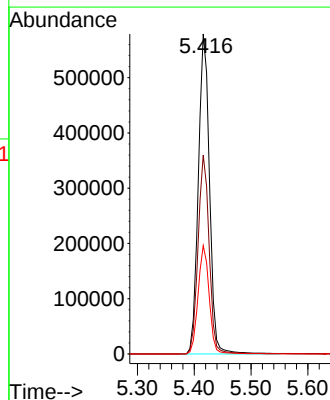
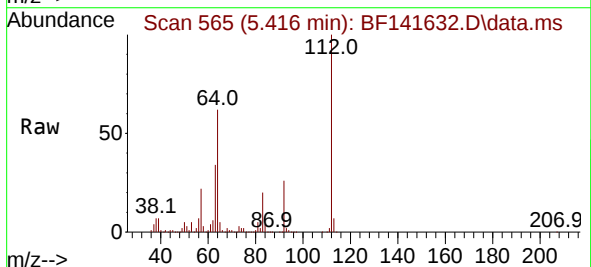
Instrument :
BNA_F
ClientSampleId :
PB166702TB

Tgt Ion:152 Resp: 92383
Ion Ratio Lower Upper
152 100
150 157.7 125.0 187.4
115 64.2 53.6 80.4



#5
2-Fluorophenol
Concen: 135.454 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

Tgt Ion:112 Resp: 798195
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 33.8 28.4 42.6

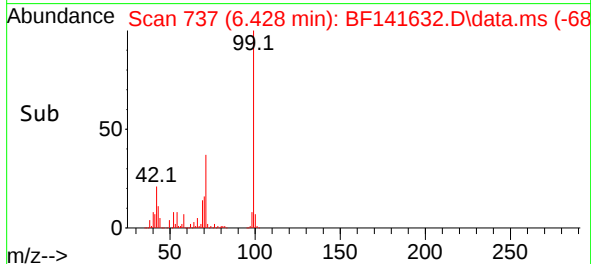
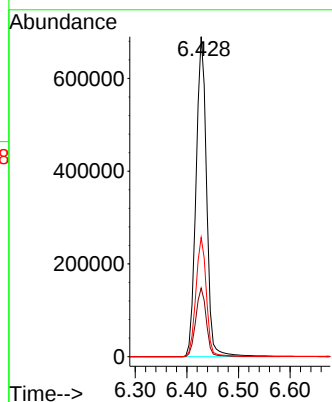
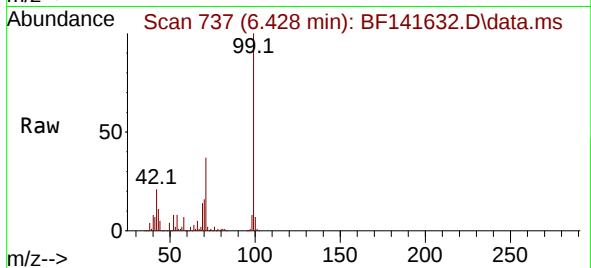




#7
Phenol-d6
Concen: 132.049 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

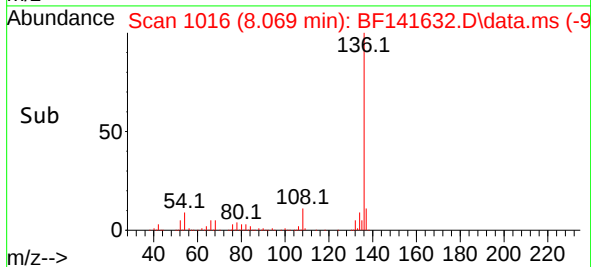
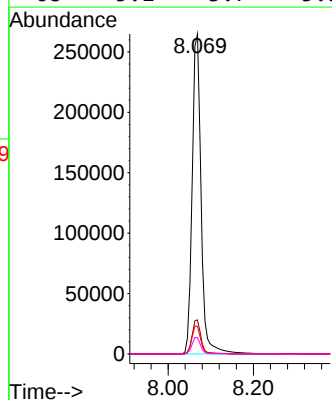
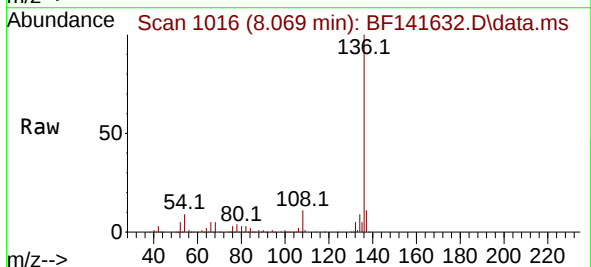
Instrument :
BNA_F
ClientSampleId :
PB166702TB

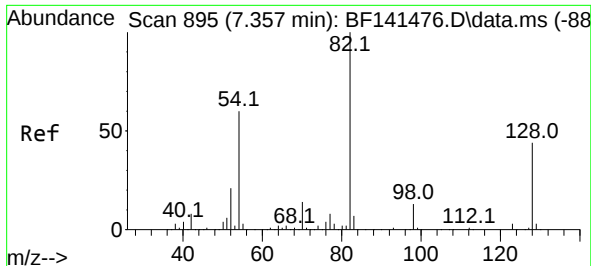
Tgt Ion: 99 Resp: 983492
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 37.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141632.D
Acq: 14 Feb 2025 11:48

Tgt Ion: 136 Resp: 385537
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.6 7.2 10.8
68 5.1 3.7 5.5





#23

Nitrobenzene-d5

Concen: 88.380 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141632.D

Acq: 14 Feb 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB166702TB

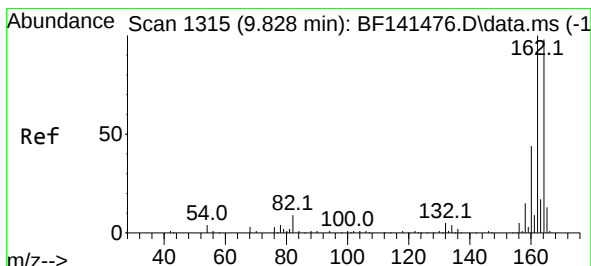
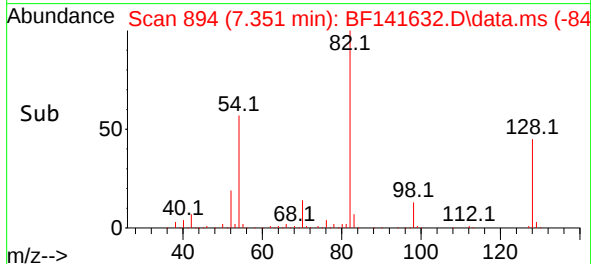
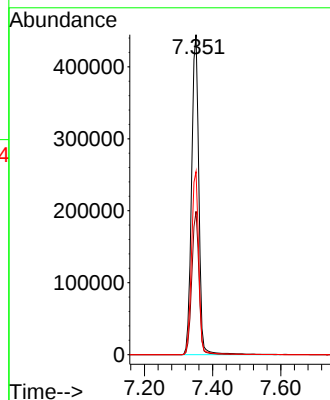
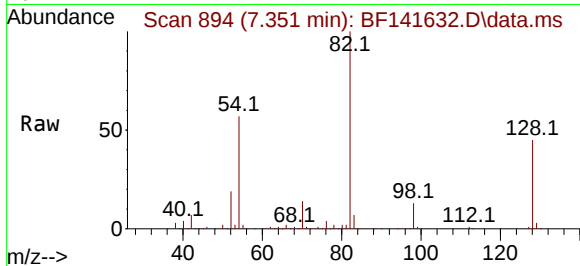
Tgt Ion: 82 Resp: 653275

Ion Ratio Lower Upper

82 100

128 44.8 34.8 52.2

54 57.2 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: BF141632.D

Acq: 14 Feb 2025 11:48

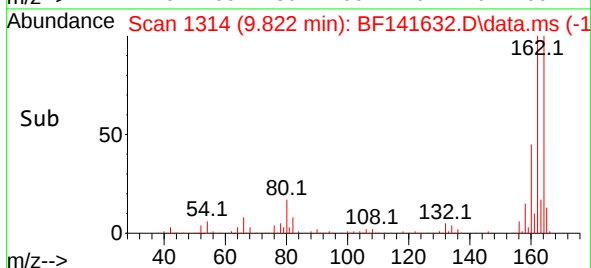
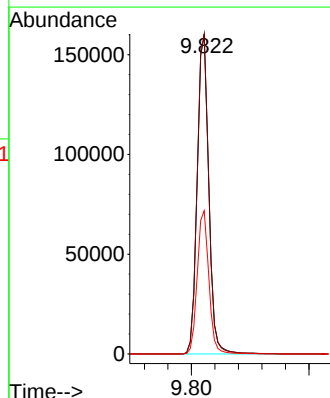
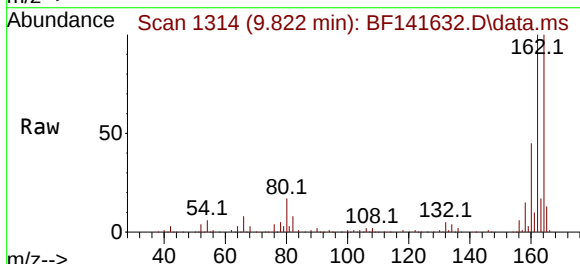
Tgt Ion:164 Resp: 218368

Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 129.964 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141632.D

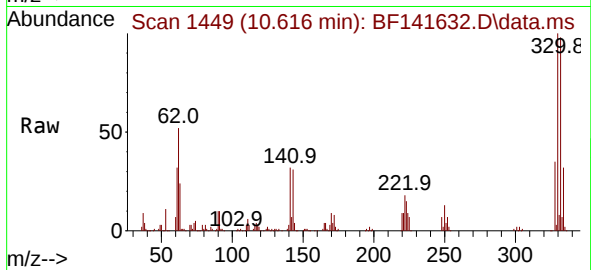
Acq: 14 Feb 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB166702TB



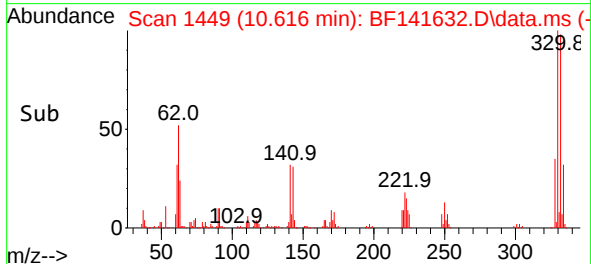
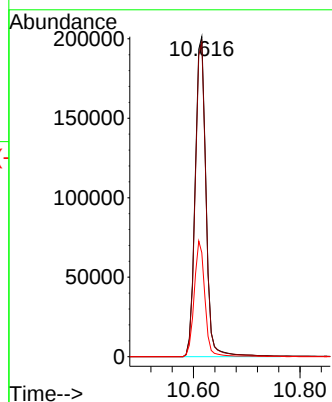
Tgt Ion:330 Resp: 285090

Ion Ratio Lower Upper

330 100

332 97.8 78.5 117.7

141 35.6 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 87.716 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141632.D

Acq: 14 Feb 2025 11:48

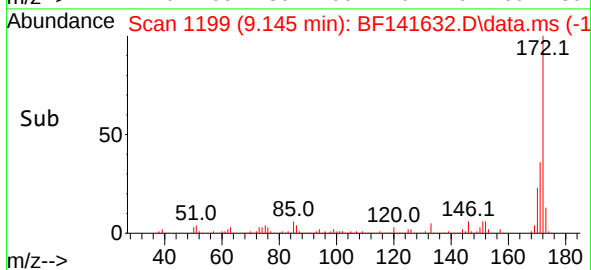
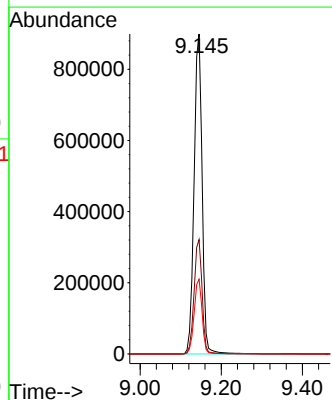
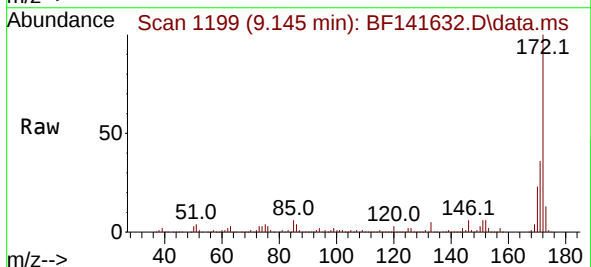
Tgt Ion:172 Resp: 1243275

Ion Ratio Lower Upper

172 100

171 35.8 28.7 43.1

170 23.3 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: BF141632.D

Acq: 14 Feb 2025 11:48

Instrument :

BNA_F

ClientSampleId :

PB166702TB

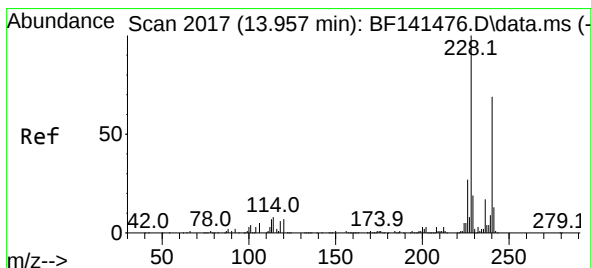
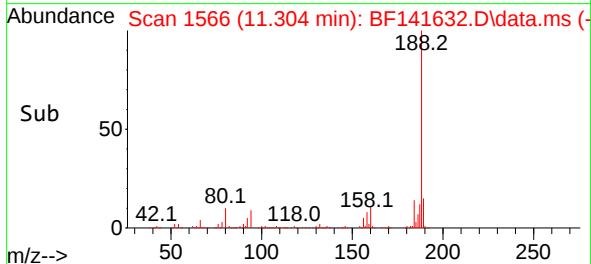
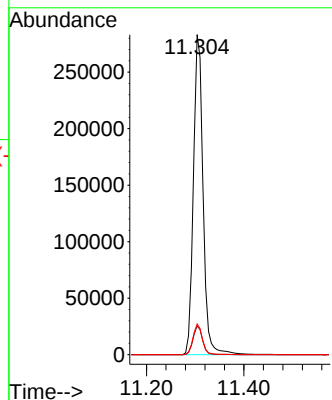
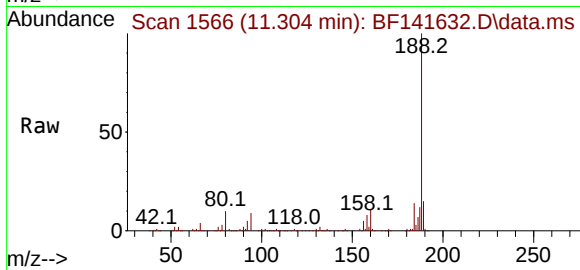
Tgt Ion:188 Resp: 391309

Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 1717

Delta R.T. -0.006 min

Lab File: BF141632.D

Acq: 14 Feb 2025 11:48

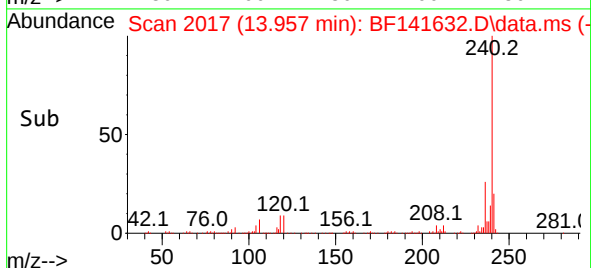
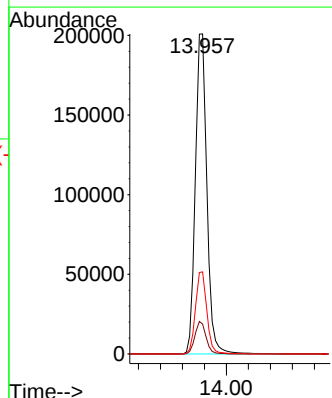
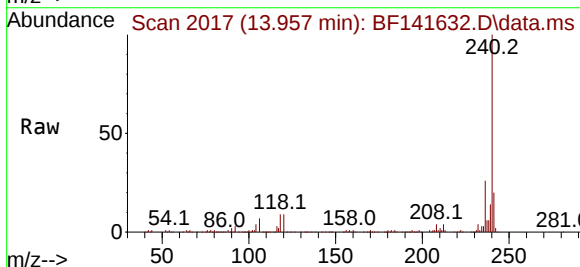
Tgt Ion:240 Resp: 292293

Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

236 25.6 19.8 29.8

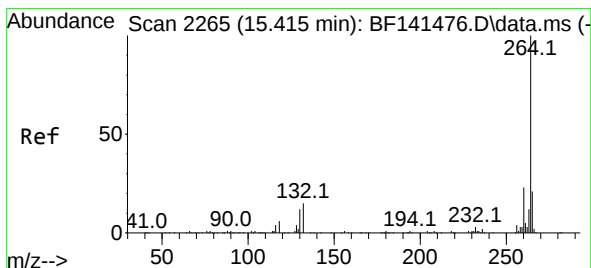
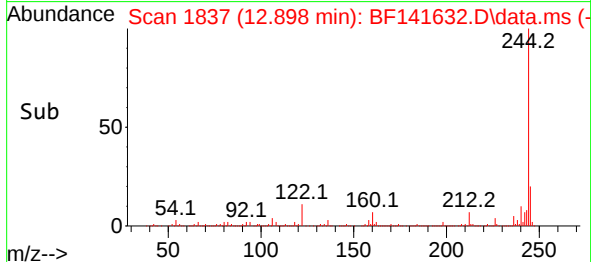
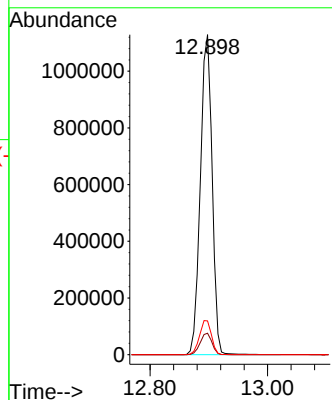
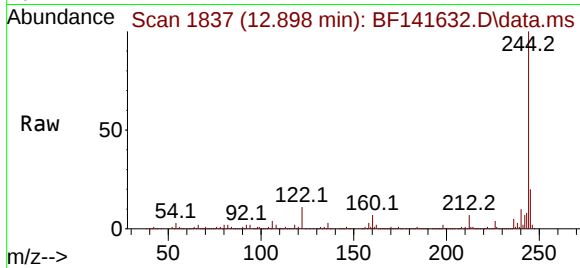




#79
 Terphenyl-d14
 Concen: 90.462 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141632.D
 Acq: 14 Feb 2025 11:48

Instrument :
 BNA_F
 ClientSampleId :
 PB166702TB

Tgt Ion:244 Resp: 1566270
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF141632.D
 Acq: 14 Feb 2025 11:48

Tgt Ion:264 Resp: 211782
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.4 17.0 25.4

