

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
 Data File : BF141629.D
 Acq On : 14 Feb 2025 10:29
 Operator : RC/JU
 Sample : PB166711BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166711BL

Quant Time: Feb 14 11:00:15 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	91091	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	362070	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	202635	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	368068	20.000	ng	0.00
76) Chrysene-d12	13.963	240	292483	20.000	ng	0.00
86) Perylene-d12	15.463	264	226077	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	790717	136.088	ng	0.00
7) Phenol-d6	6.428	99	979371	133.361	ng	-0.01
23) Nitrobenzene-d5	7.351	82	645810	93.033	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	286595	140.794	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1259645	95.771	ng	0.00
79) Terphenyl-d14	12.898	244	1604343	92.601	ng	0.00

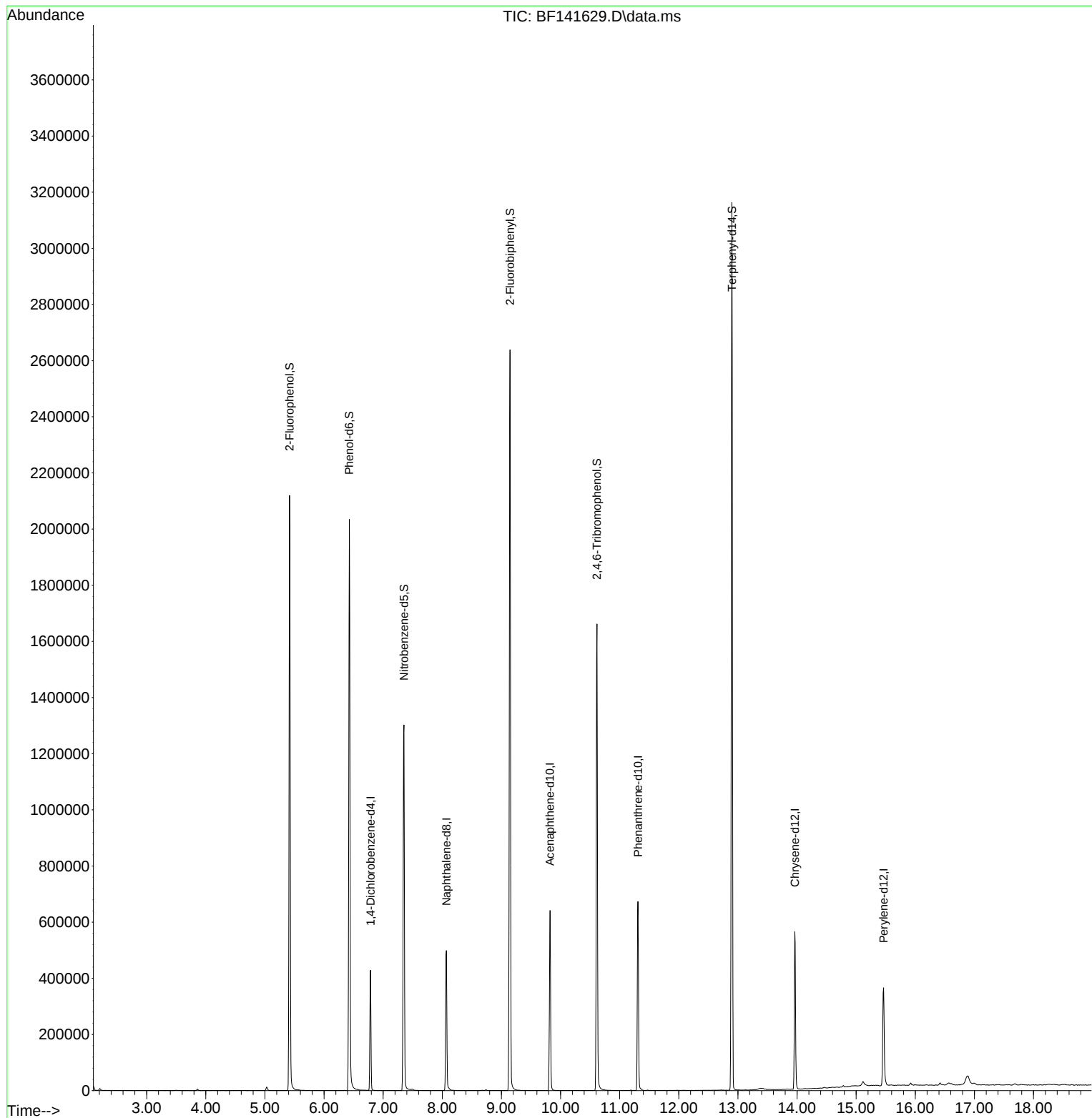
Target Compounds	Qvalue

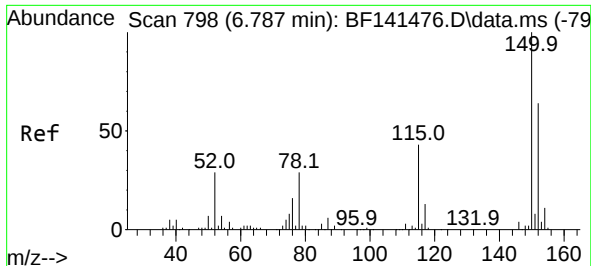
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141629.D
Acq On : 14 Feb 2025 10:29
Operator : RC/JU
Sample : PB166711BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166711BL

Quant Time: Feb 14 11:00:15 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

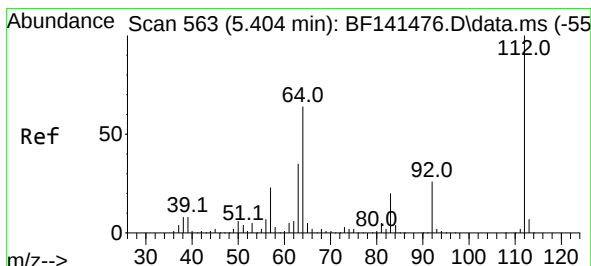
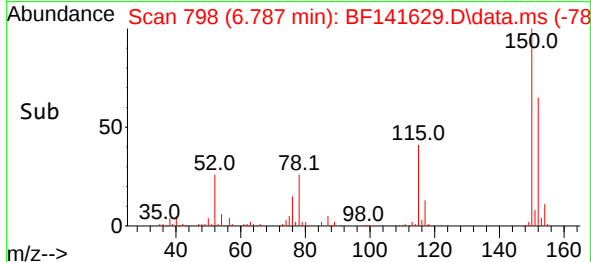
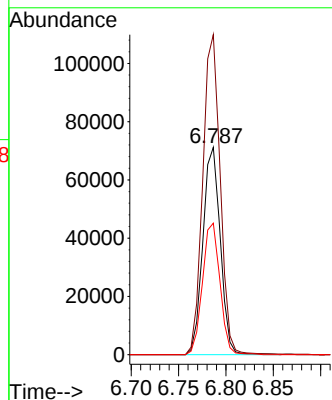
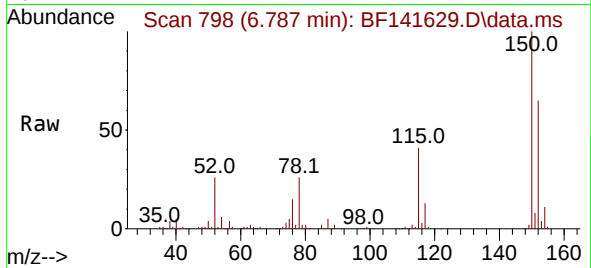




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

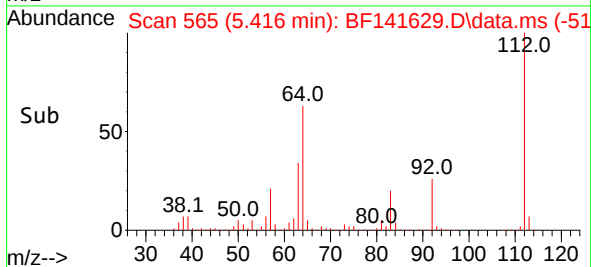
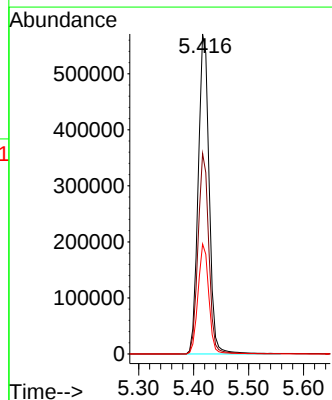
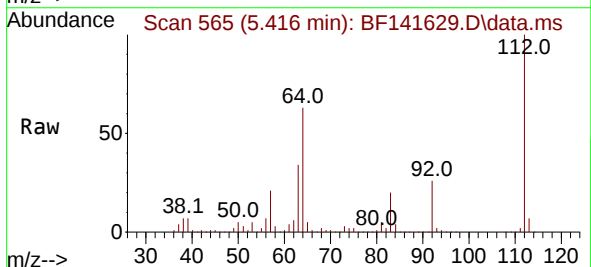
Instrument :
BNA_F
ClientSampleId :
PB166711BL

Tgt Ion:152 Resp: 91091
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.4
115 63.4 53.6 80.4



#5
2-Fluorophenol
Concen: 136.088 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Tgt Ion:112 Resp: 790717
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 34.4 28.4 42.6

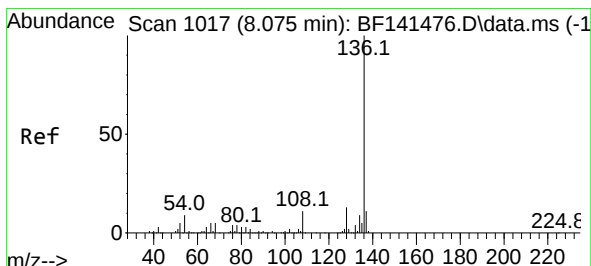
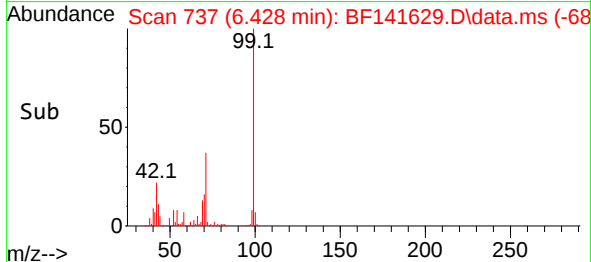
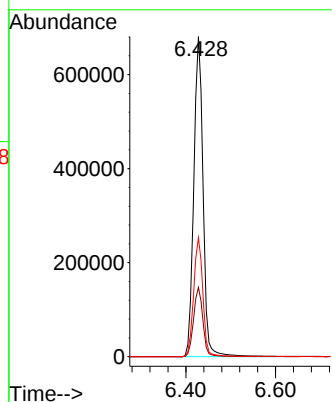
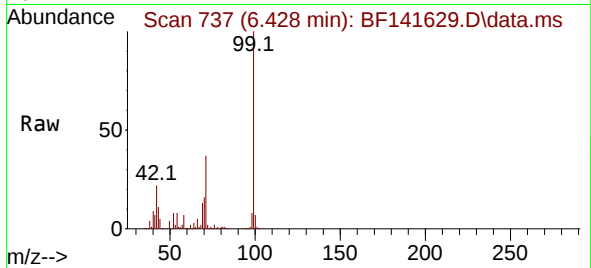




#7
Phenol-d6
Concen: 133.361 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

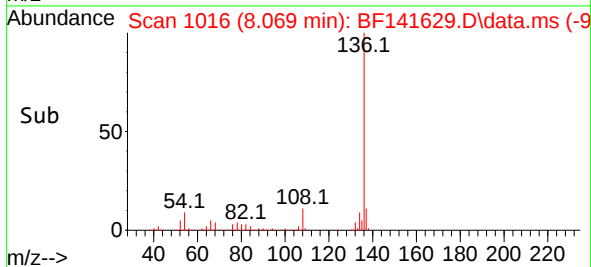
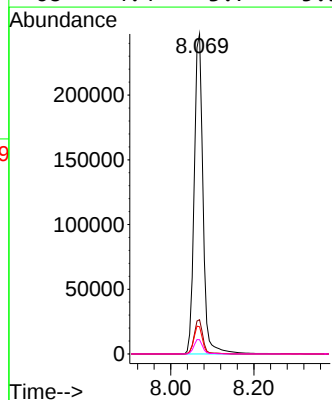
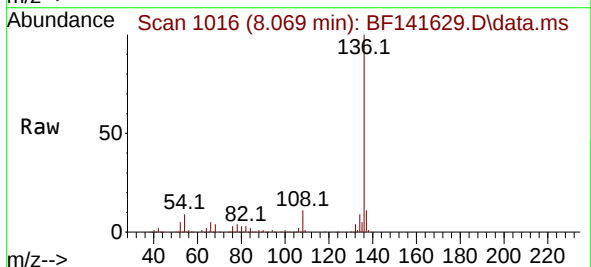
Instrument :
BNA_F
ClientSampleId :
PB166711BL

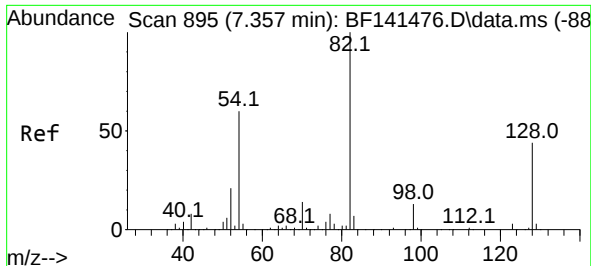
Tgt Ion: 99 Resp: 979371
Ion Ratio Lower Upper
99 100
42 21.6 19.1 28.7
71 37.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141629.D
Acq: 14 Feb 2025 10:29

Tgt Ion: 136 Resp: 362070
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.5 7.2 10.8
68 4.4 3.7 5.5

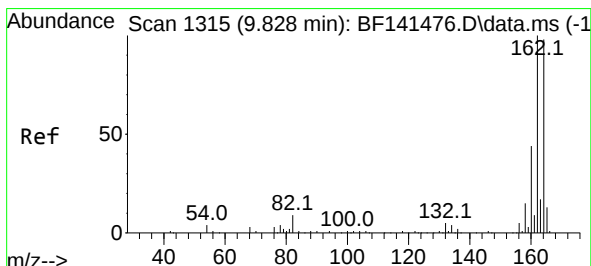
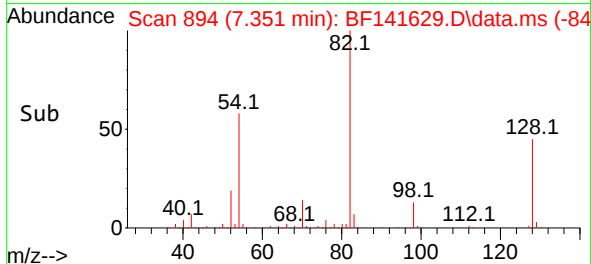
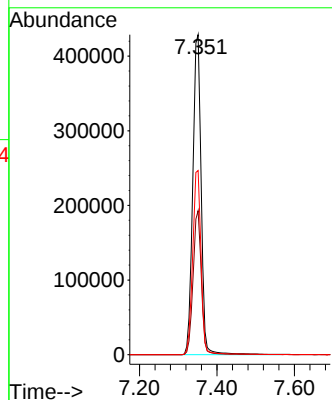
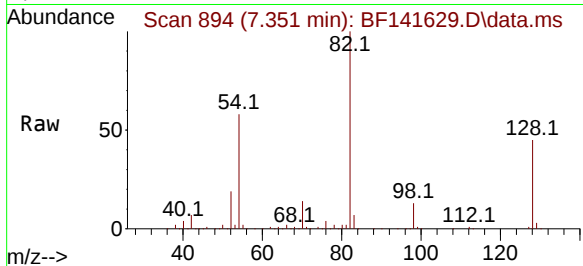




#23
 Nitrobenzene-d5
 Concen: 93.033 ng
 RT: 7.351 min Scan# 894
 Delta R.T. -0.012 min
 Lab File: BF141629.D
 Acq: 14 Feb 2025 10:29

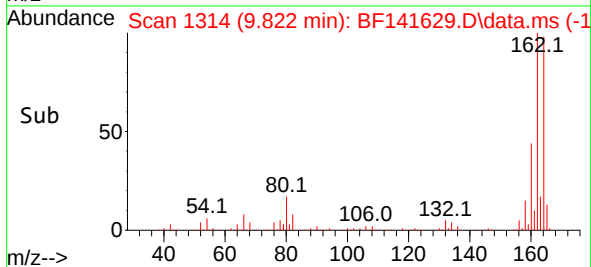
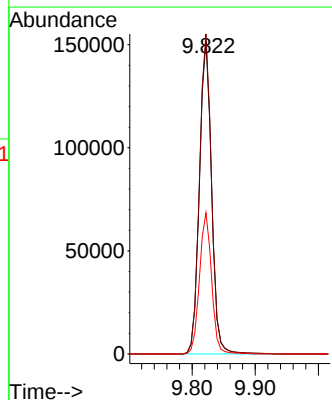
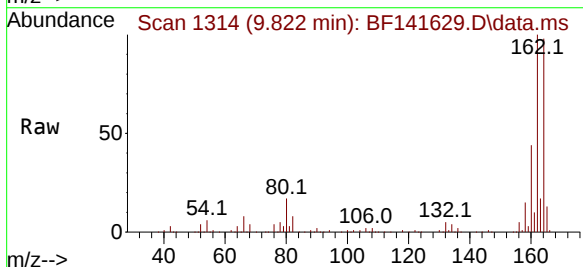
Instrument :
 BNA_F
 ClientSampleId :
 PB166711BL

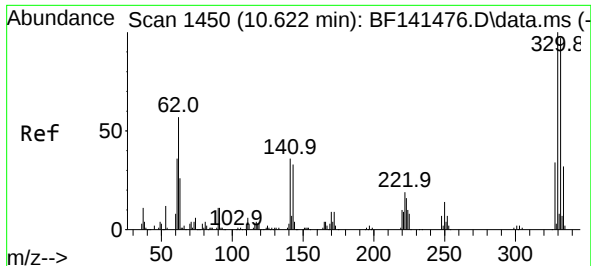
Tgt Ion: 82 Resp: 645810
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.8 52.2
 54 57.5 48.2 72.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF141629.D
 Acq: 14 Feb 2025 10:29

Tgt Ion:164 Resp: 202635
 Ion Ratio Lower Upper
 164 100
 162 102.2 81.3 121.9
 160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 140.794 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF141629.D

Acq: 14 Feb 2025 10:29

Instrument :

BNA_F

ClientSampleId :

PB166711BL

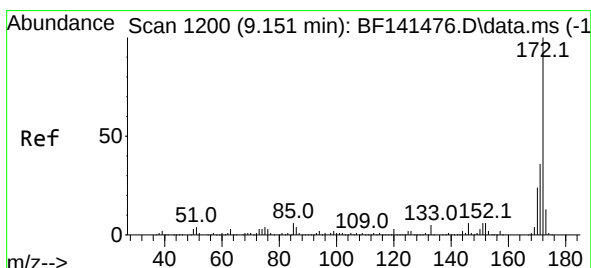
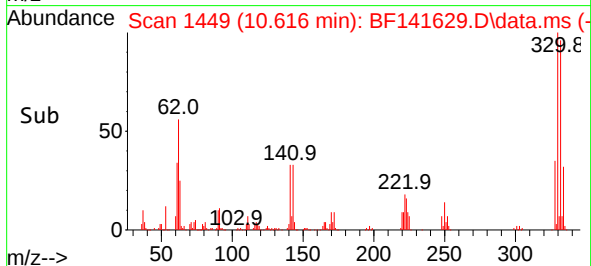
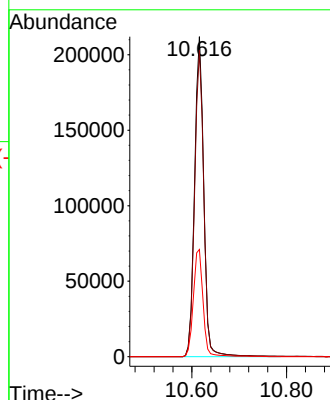
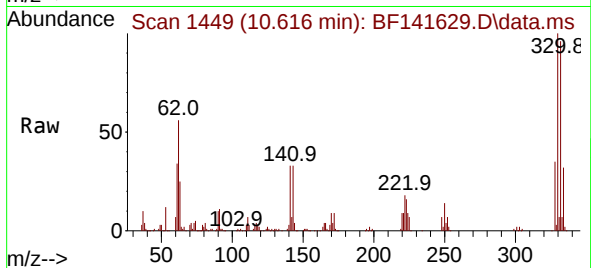
Tgt Ion:330 Resp: 286595

Ion Ratio Lower Upper

330 100

332 96.1 78.5 117.7

141 35.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 95.771 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141629.D

Acq: 14 Feb 2025 10:29

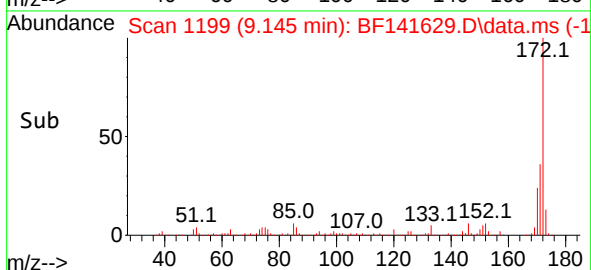
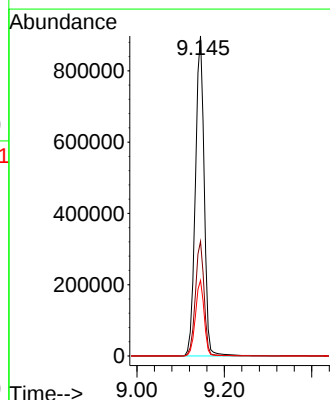
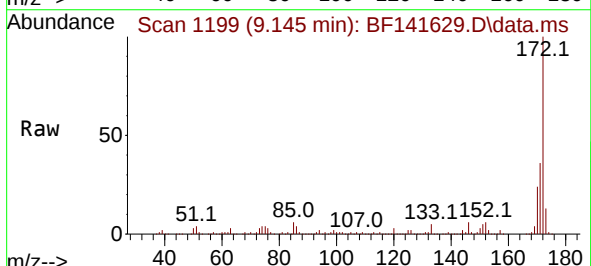
Tgt Ion:172 Resp: 1259645

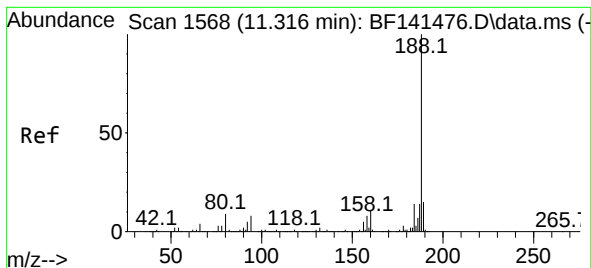
Ion Ratio Lower Upper

172 100

171 35.8 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: BF141629.D

Acq: 14 Feb 2025 10:29

Instrument :

BNA_F

ClientSampleId :

PB166711BL

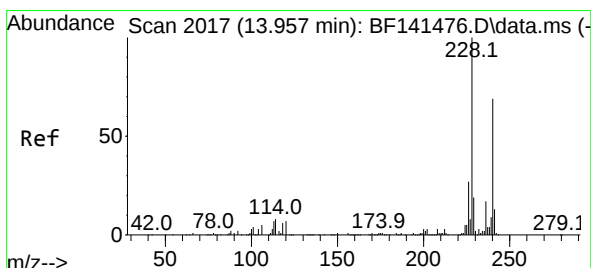
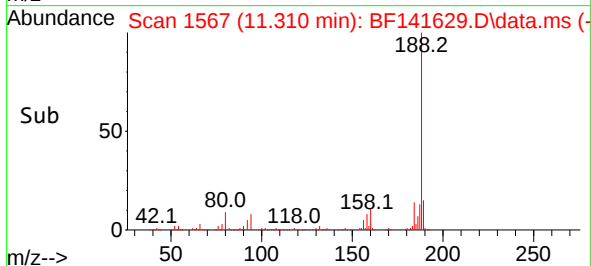
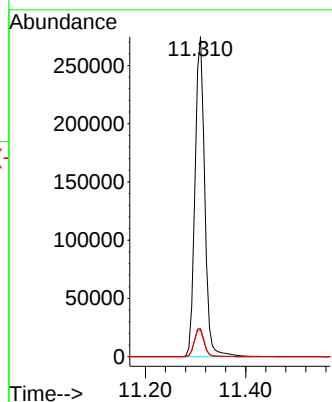
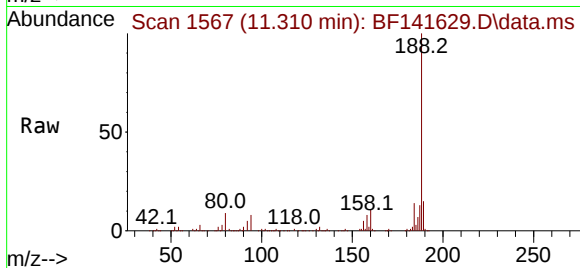
Tgt Ion:188 Resp: 368068

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 8.9 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF141629.D

Acq: 14 Feb 2025 10:29

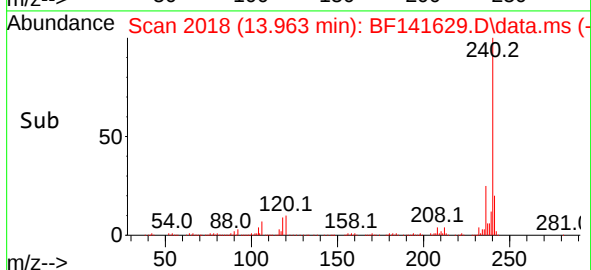
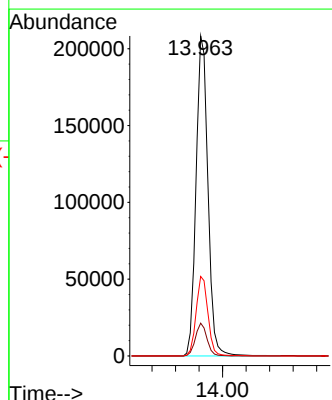
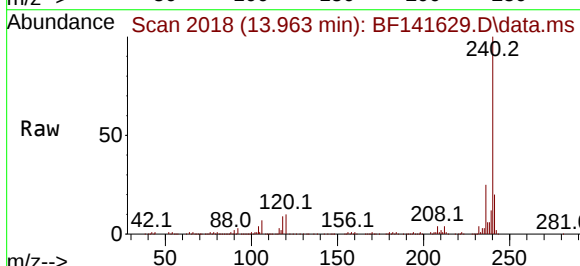
Tgt Ion:240 Resp: 292483

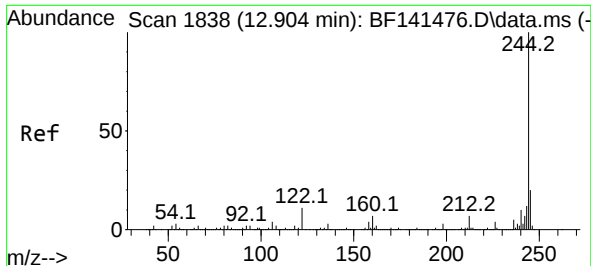
Ion Ratio Lower Upper

240 100

120 10.3 8.0 12.0

236 24.9 19.8 29.8

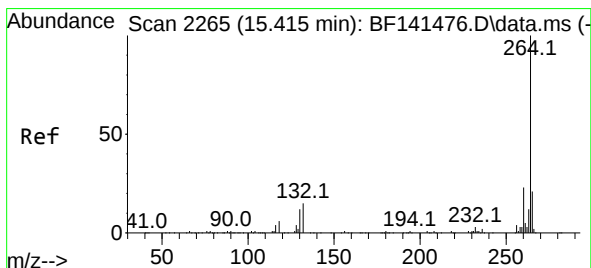
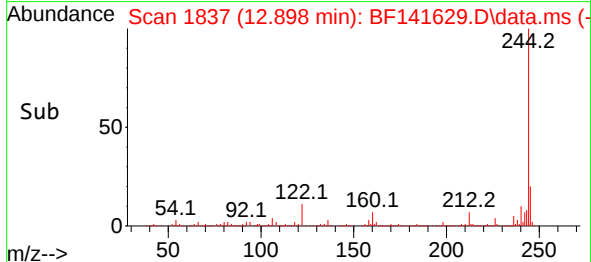
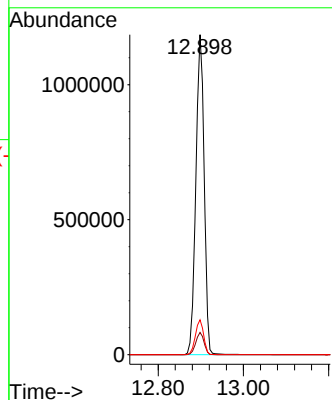
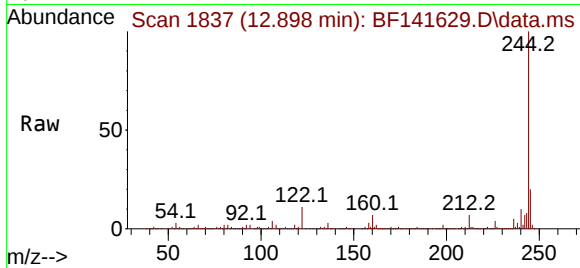




#79
 Terphenyl-d14
 Concen: 92.601 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141629.D
 Acq: 14 Feb 2025 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB166711BL

Tgt Ion:244 Resp: 1604343
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.9 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. 0.047 min
 Lab File: BF141629.D
 Acq: 14 Feb 2025 10:29

Tgt Ion:264 Resp: 226077
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.2 17.0 25.4

