

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112167.D
 Acq On : 21 Jan 2019 19:12
 Operator : JU/SJ
 Sample : K1013-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-011819-B

Quant Time: Jan 22 01:08:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	223133	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	770106	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	319858	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	582614	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	501352	20.00	ng	-0.01
87) Perylene-d12	15.49	264	367248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1446246	117.64	ng	0.00
7) Phenol-d6	6.50	99	1538803	100.04	ng	0.00
23) Nitrobenzene-d5	7.42	82	1158060	103.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	477617	138.42	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	2145649	98.35	ng	0.00
79) Terphenyl-d14	12.96	244	2271449	96.38	ng	0.00

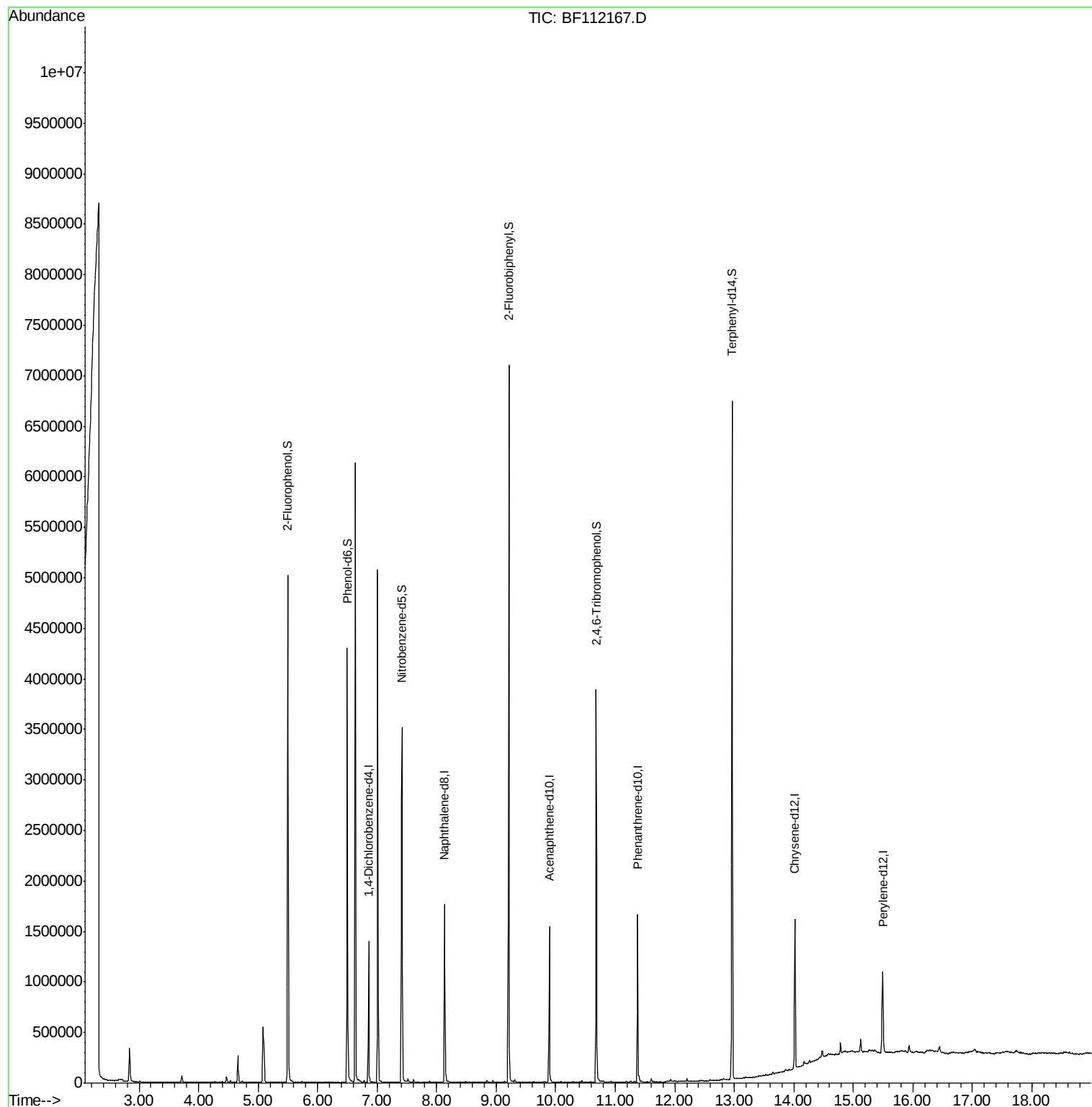
Target Compounds Qvalue

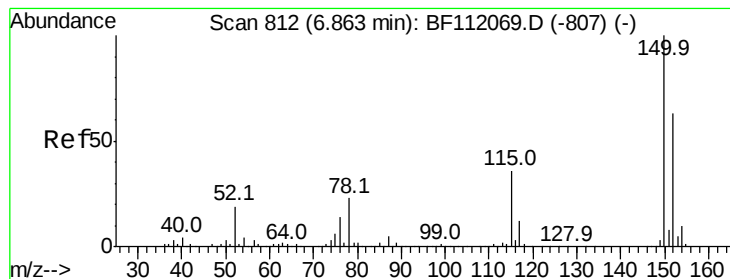
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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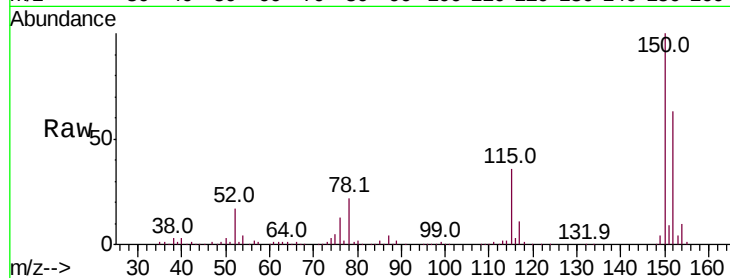


#1

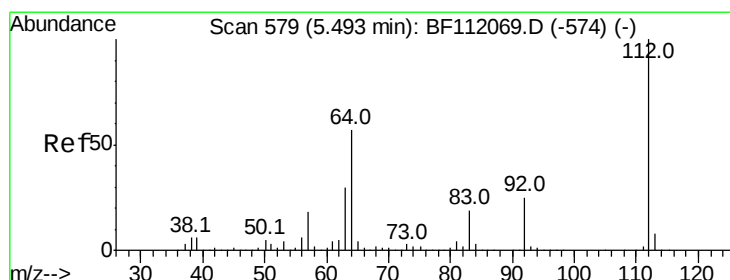
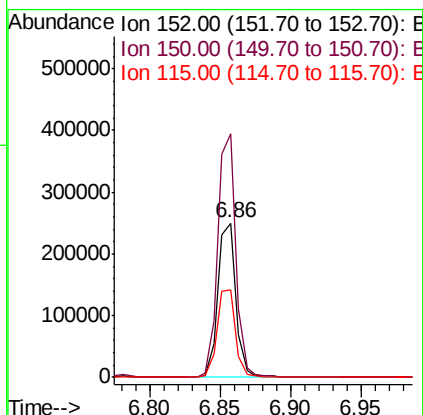
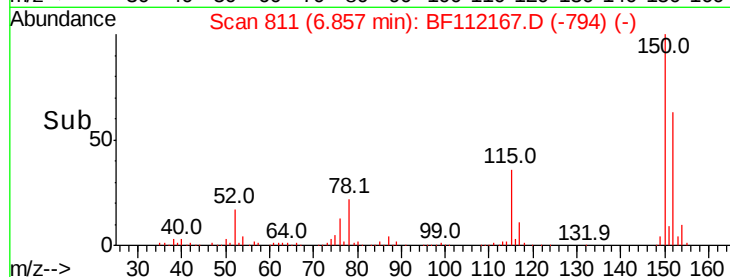
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112167.D
Acq: 21 Jan 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-B

Tot Ion:152 Resp: 223133
Ion Ratio Lower Upper
152 100
150 157.5 127.4 191.0
115 56.3 45.5 68.3



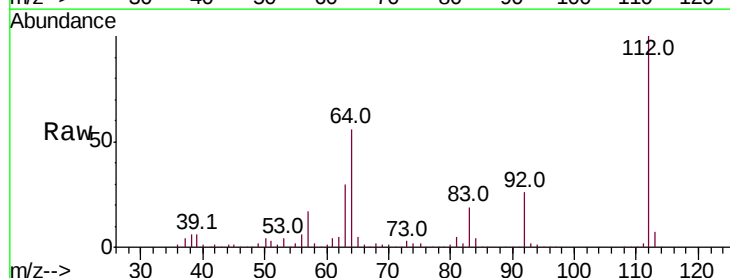
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



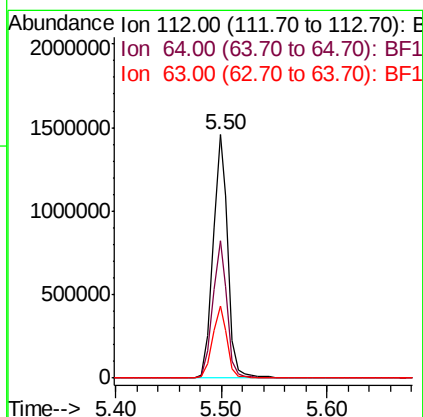
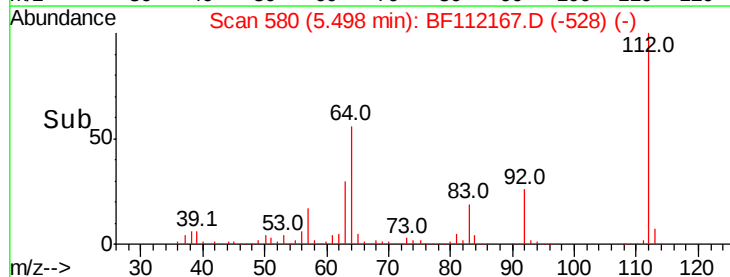
#5

2-Fluorophenol
Concen: 117.642 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112167.D
Acq: 21 Jan 2019 19:12

Tgt Ion:112 Resp: 1446246
Ion Ratio Lower Upper
112 100
64 56.2 45.7 68.5
63 29.6 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 100.045 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112167.D

Acq: 21 Jan 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-B

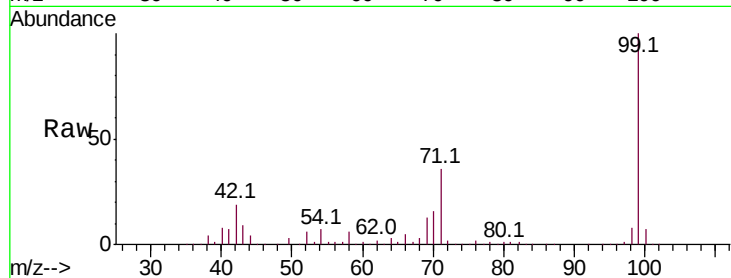
Tot Ion: 99 Resp: 1538803

Ion Ratio Lower Upper

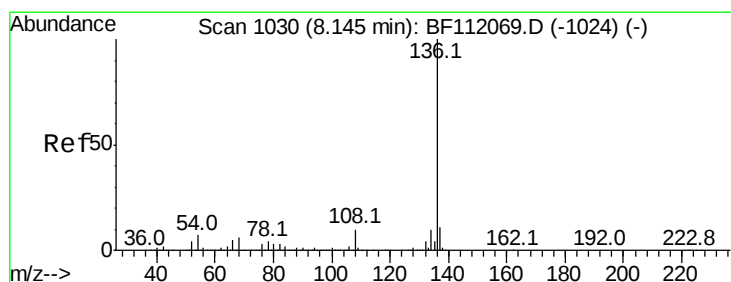
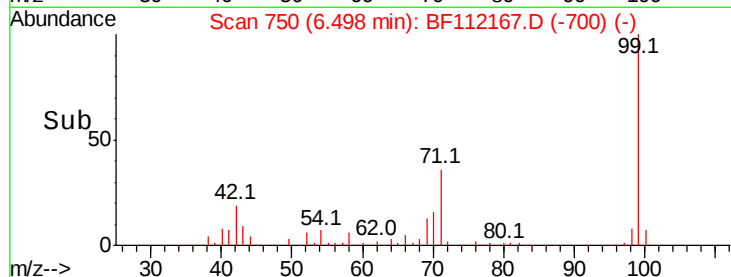
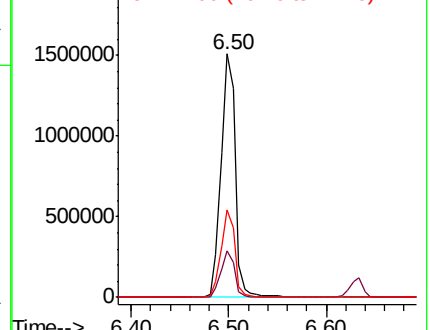
99 100

42 19.0 15.1 22.7

71 36.2 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF112167.D

Acq: 21 Jan 2019 19:12

Tgt Ion: 136 Resp: 770106

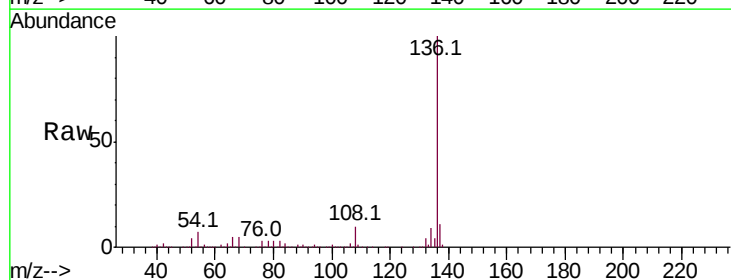
Ion Ratio Lower Upper

136 100

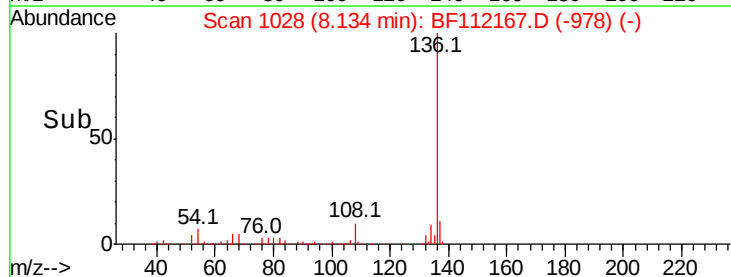
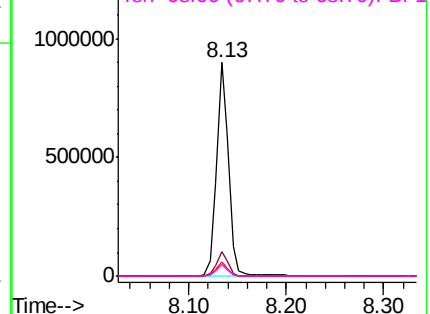
137 11.3 9.1 13.7

54 6.6 5.9 8.9

68 5.4 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

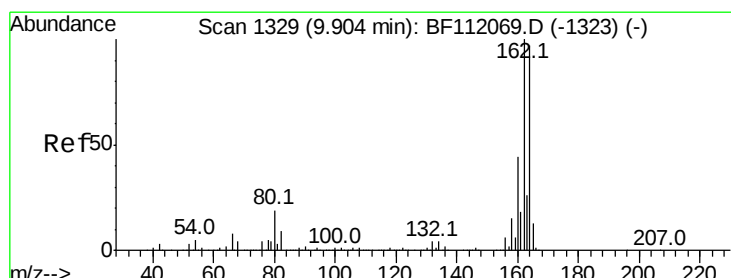
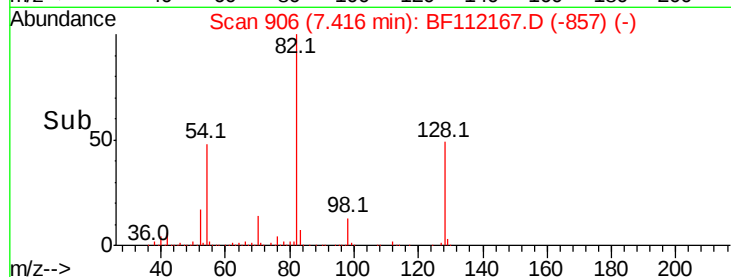
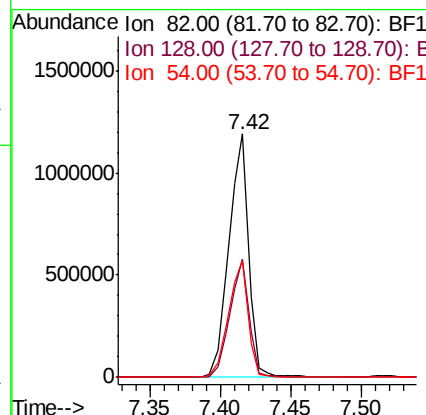
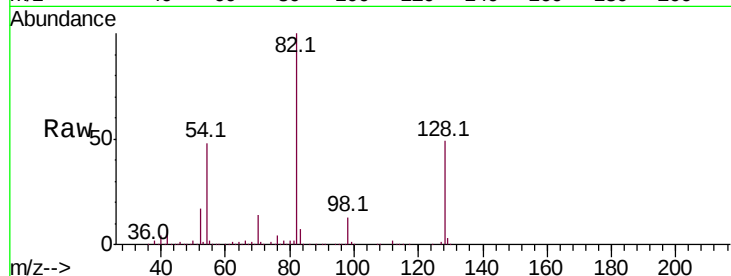




#23
Nitrobenzene-d5
Concen: 103.894 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF112167.D
Acq: 21 Jan 2019 19:12

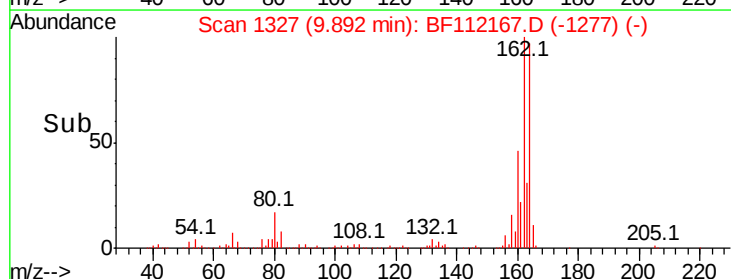
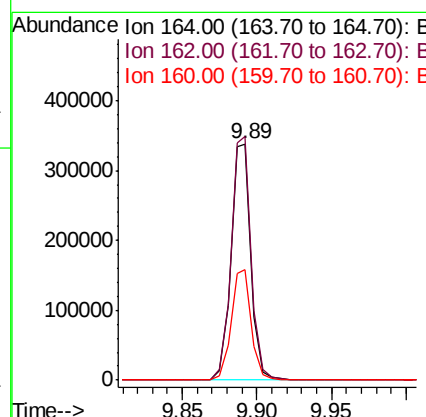
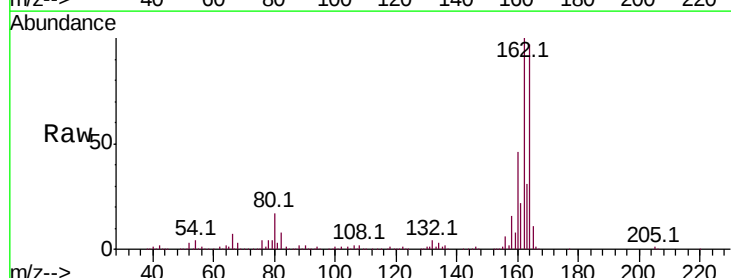
Instrument :
BNA_F
ClientSampleId :
PL-01-011819-B

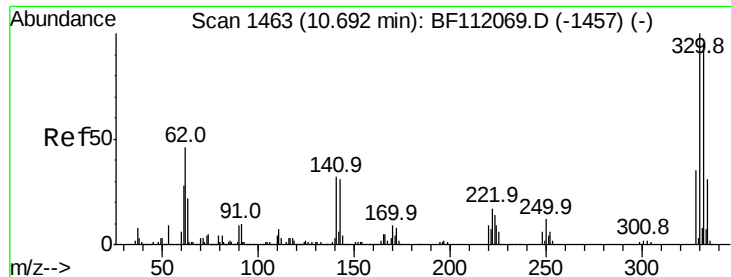
Tot Ion: 82 Resp: 1158060
Ion Ratio Lower Upper
82 100
128 48.5 37.8 56.8
54 47.8 39.7 59.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF112167.D
Acq: 21 Jan 2019 19:12

Tgt Ion:164 Resp: 319858
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.4
160 47.0 36.2 54.4

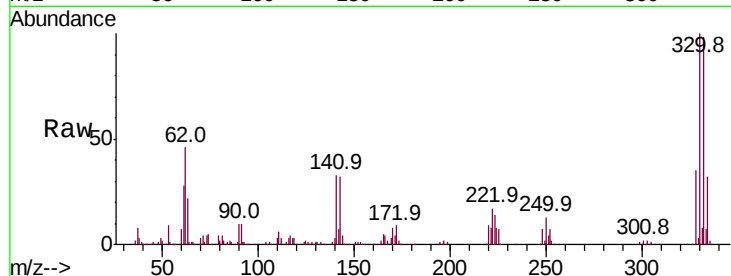




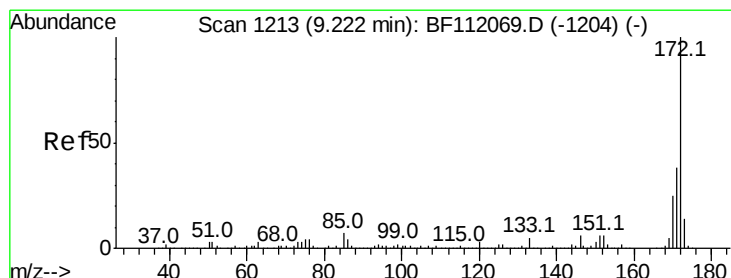
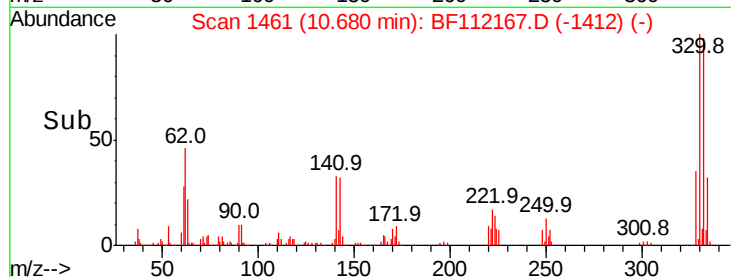
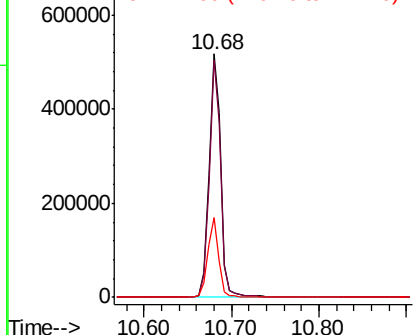
#42
2,4,6-Tribromophenol
Concen: 138.417 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF112167.D
Acq: 21 Jan 2019 19:12

Instrument :
BNA_F
ClientSampleId :
PL-01-011819-B

Tot Ion:330 Resp: 477617
Ion Ratio Lower Upper
330 100
332 94.8 76.6 114.8
141 31.2 24.3 36.5

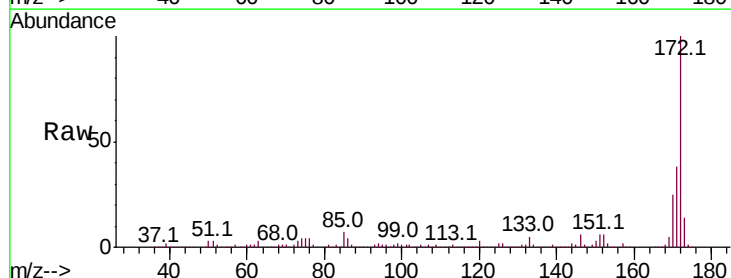


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

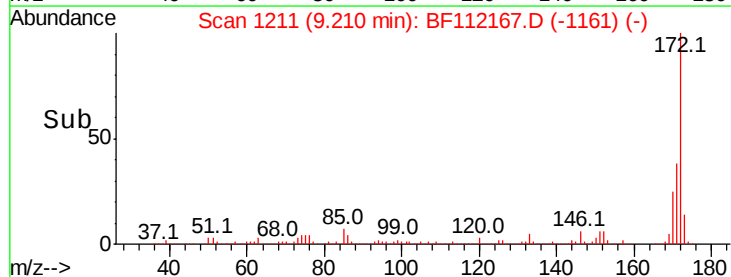
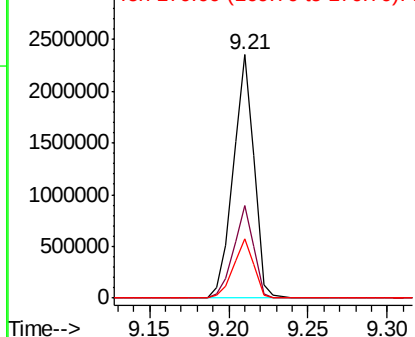


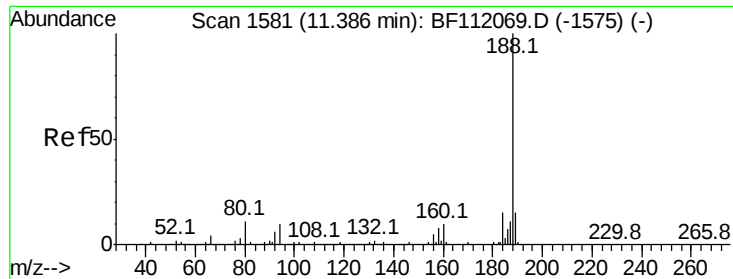
#45
2-Fluorobiphenyl
Concen: 98.349 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112167.D
Acq: 21 Jan 2019 19:12

Tgt Ion:172 Resp: 2145649
Ion Ratio Lower Upper
172 100
171 38.2 30.5 45.7
170 24.6 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

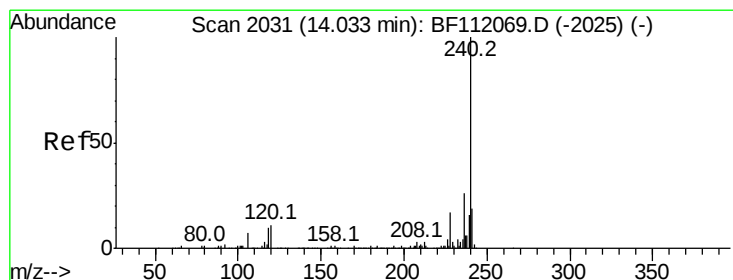
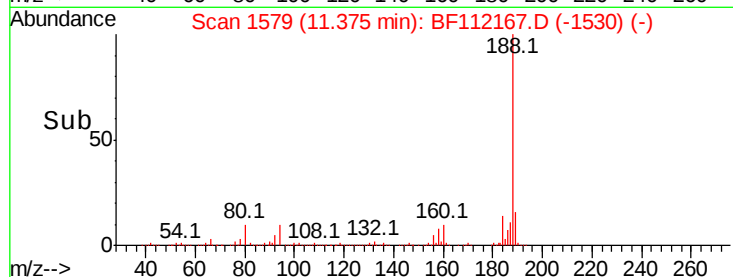
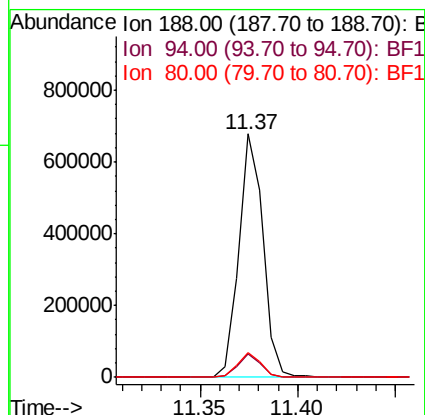
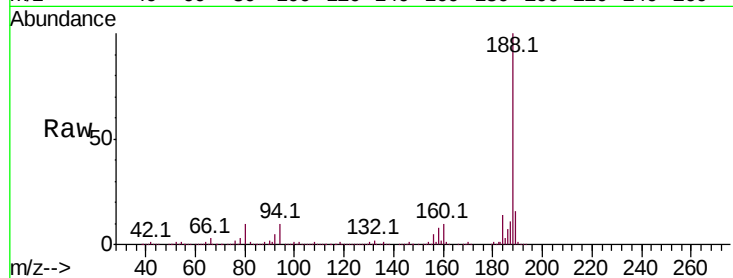




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112167.D
Acq: 21 Jan 2019 19:12

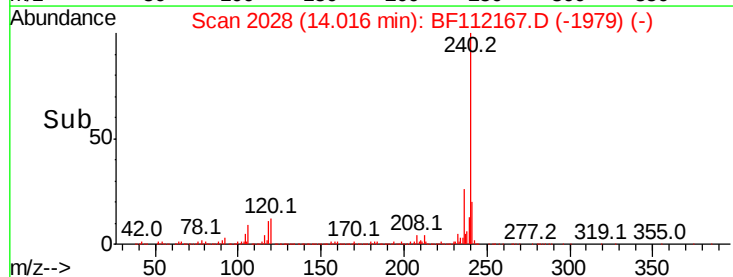
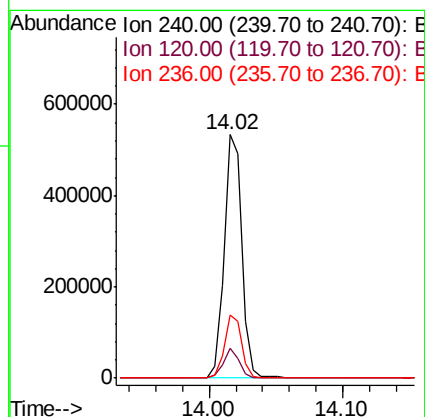
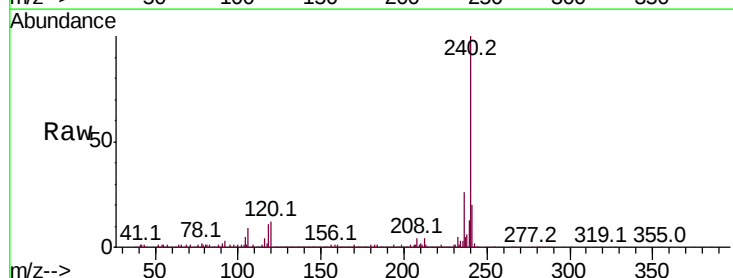
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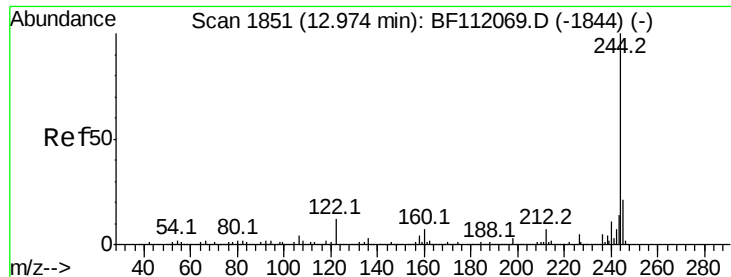
Tot Ion:188 Resp: 582614
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112167.D
Acq: 21 Jan 2019 19:12

Tgt Ion:240 Resp: 501352
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.6
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 96.384 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112167.D

Acq: 21 Jan 2019 19:12

Instrument :

BNA_F

ClientSampleId :

PL-01-011819-B

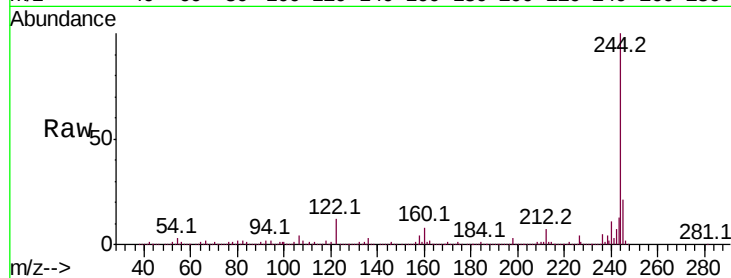
Tot Ion:244 Resp: 2271449

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

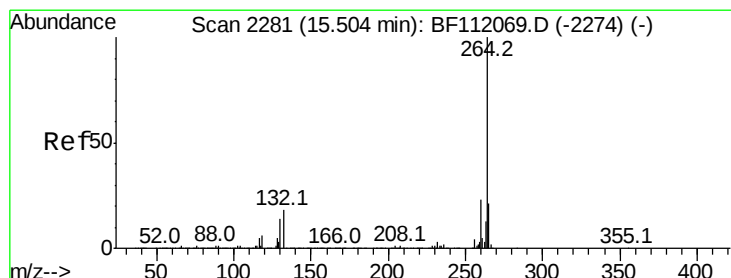
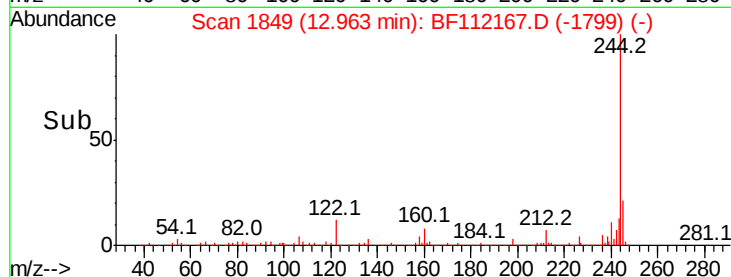
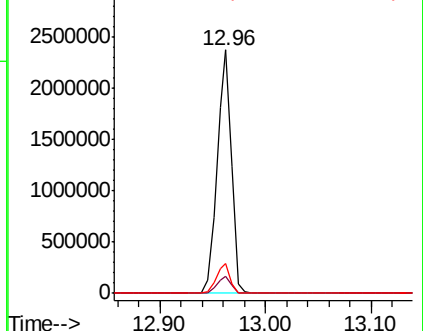
122 12.1 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112167.D

Acq: 21 Jan 2019 19:12

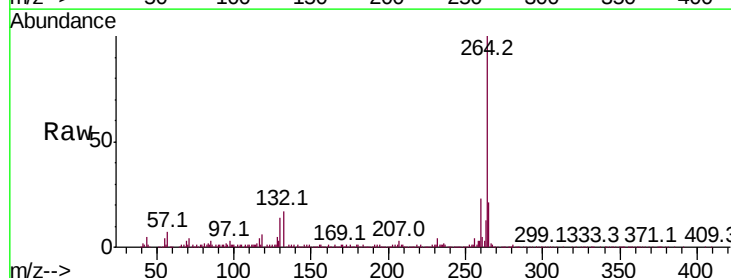
Tgt Ion:264 Resp: 367248

Ion Ratio Lower Upper

264 100

260 23.4 18.2 27.2

265 21.2 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

