

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118861.D
 Acq On : 7 Feb 2020 20:08
 Operator : CG/JU
 Sample : L1431-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 06

Quant Time: Feb 08 05:30:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

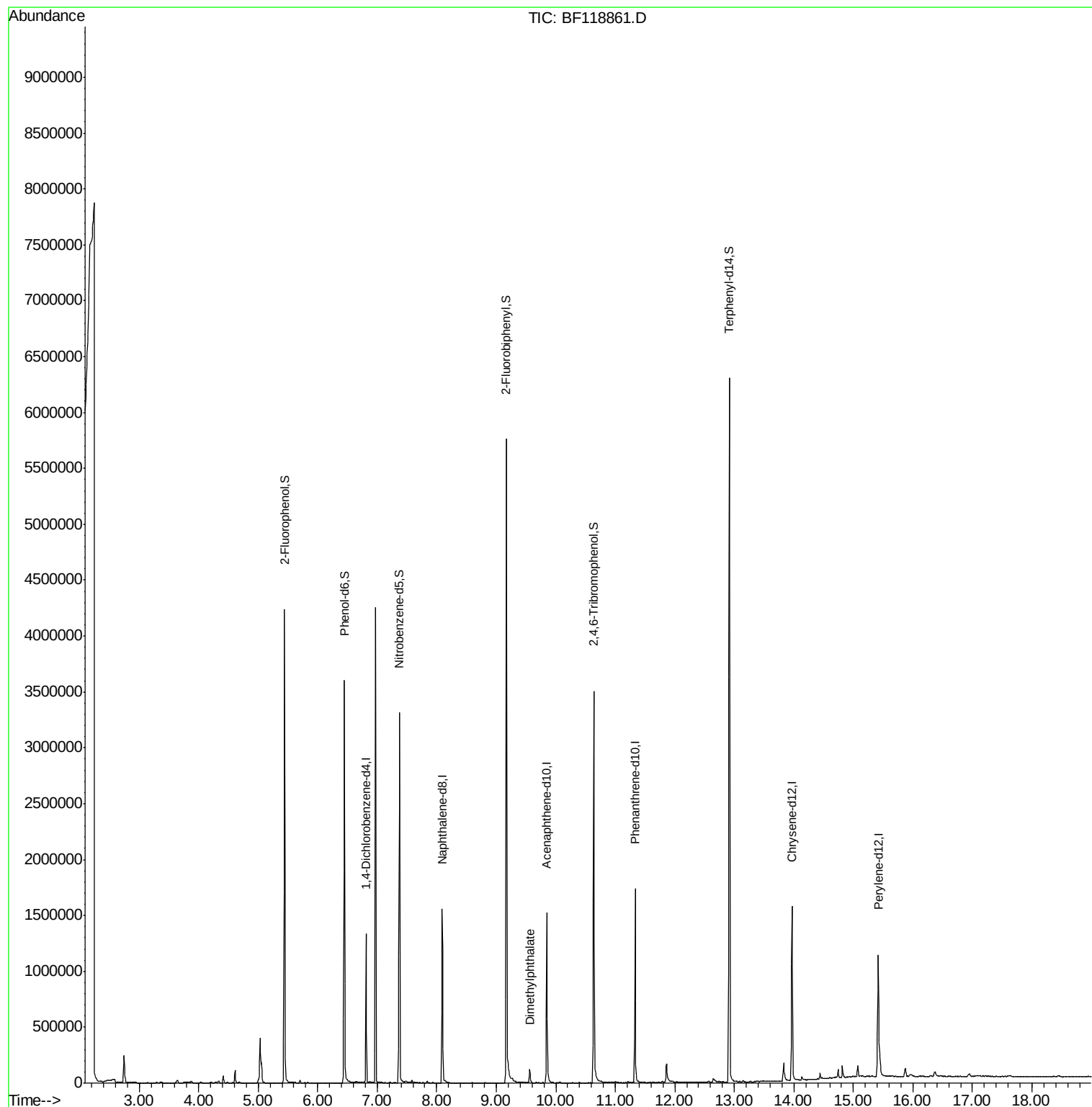
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	200607	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	735529	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	389993	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	700069	20.00	ng	0.00
76) Chrysene-d12	13.97	240	572628	20.00	ng	-0.01
87) Perylene-d12	15.42	264	648089	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1283734	121.13	ng	0.01
7) Phenol-d6	6.45	99	1400588	106.46	ng	0.00
23) Nitrobenzene-d5	7.37	82	1065057	86.31	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	583206	124.98	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2146649	98.40	ng	-0.01
79) Terphenyl-d14	12.92	244	2306832	82.75	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.56	163	60520	2.279	ng	Qvalue 98

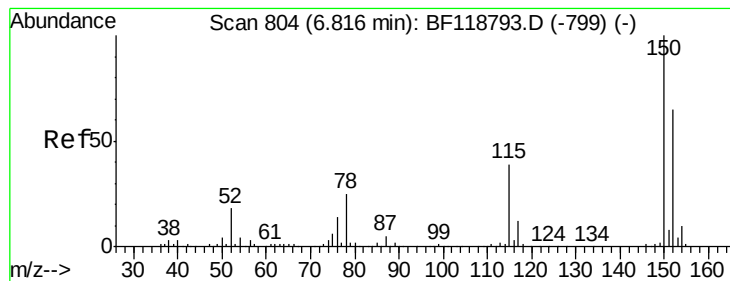
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration

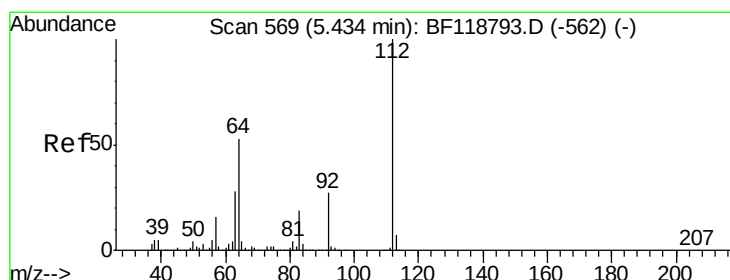
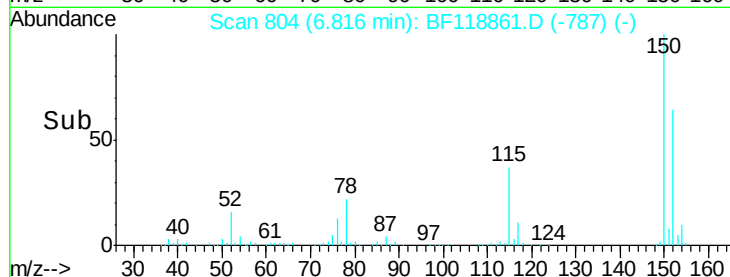
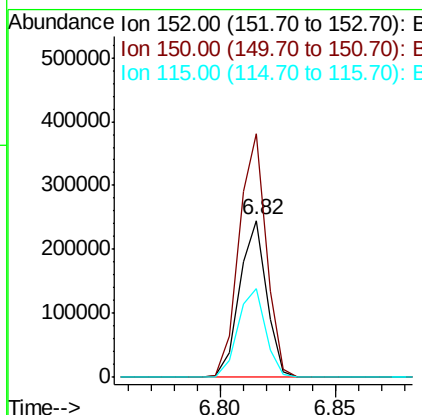
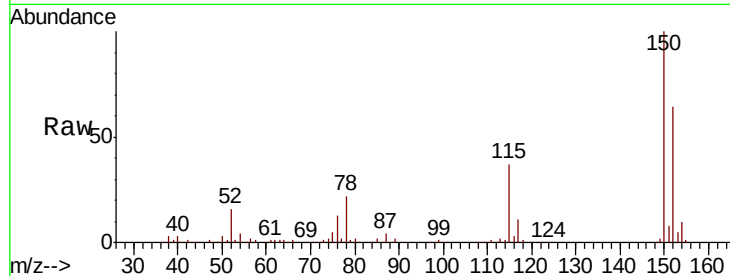




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF118861.D
 Acq: 7 Feb 2020 20:08

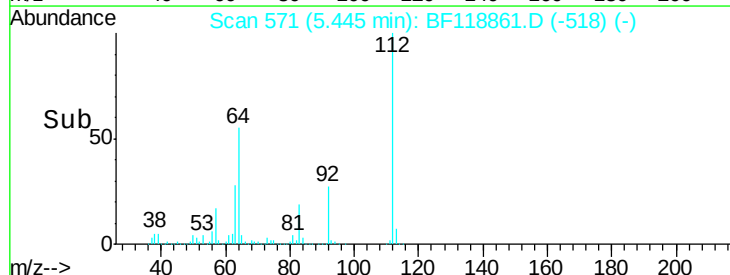
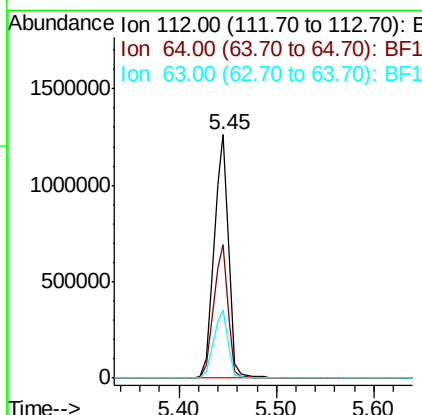
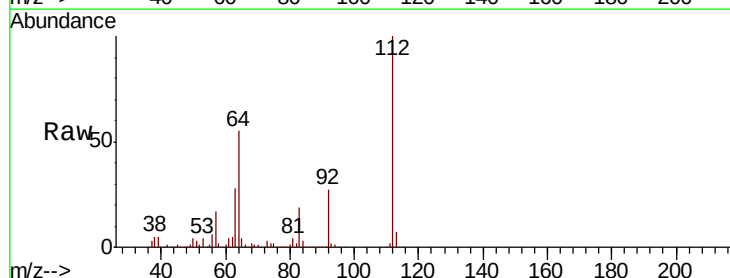
Instrument :
 BNA_F
 ClientSampleId :
 06

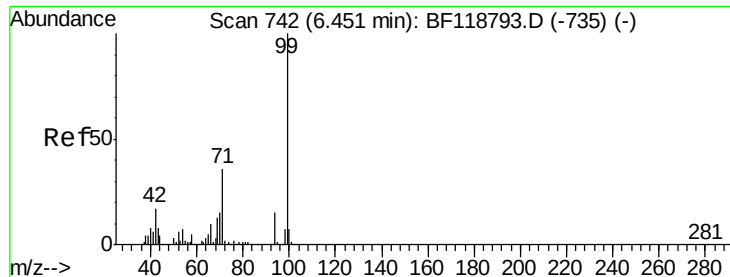
Tot Ion:152 Resp: 200607
 Ion Ratio Lower Upper
 152 100
 150 155.4 123.6 185.4
 115 57.0 48.2 72.2



#5
 2-Fluorophenol
 Concen: 121.133 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF118861.D
 Acq: 7 Feb 2020 20:08

Tgt Ion:112 Resp: 1283734
 Ion Ratio Lower Upper
 112 100
 64 54.6 42.6 63.8
 63 28.3 22.2 33.4





#7

Phenol-d6

Concen: 106.464 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

Instrument :

BNA_F

ClientSampleId :

06

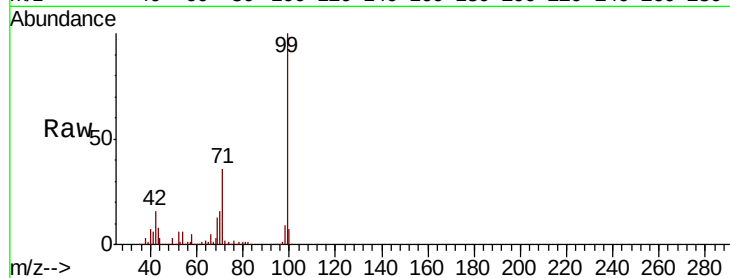
Tot Ion: 99 Resp: 1400588

Ion Ratio Lower Upper

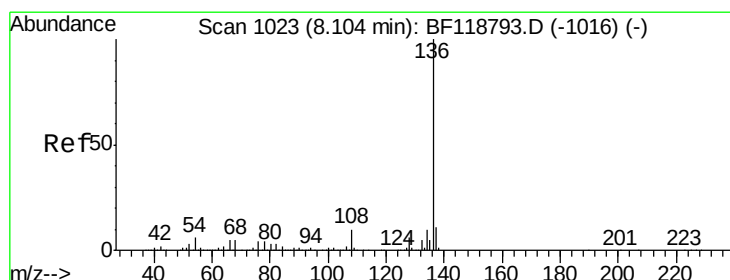
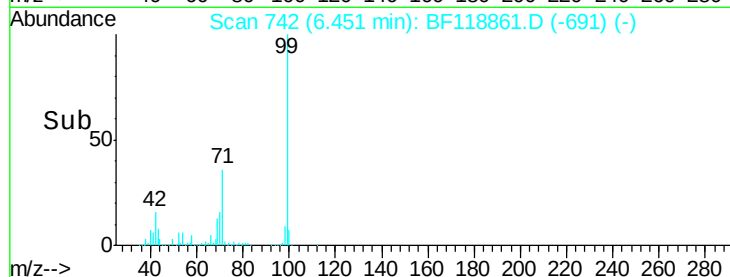
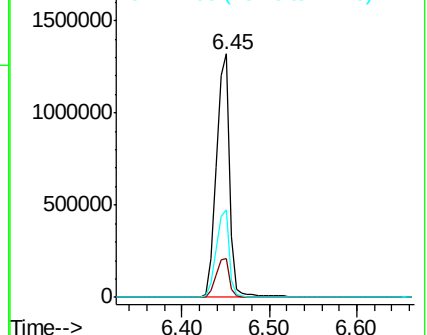
99 100

42 15.9 13.4 20.0

71 35.7 29.0 43.6



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

Tgt Ion: 136 Resp: 735529

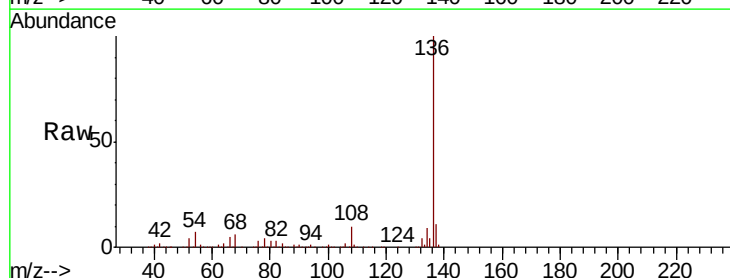
Ion Ratio Lower Upper

136 100

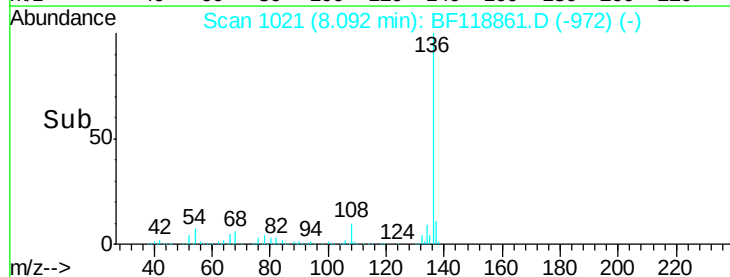
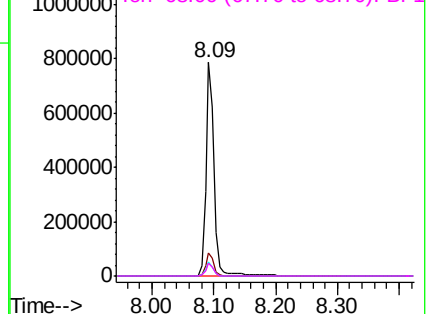
137 11.0 8.7 13.1

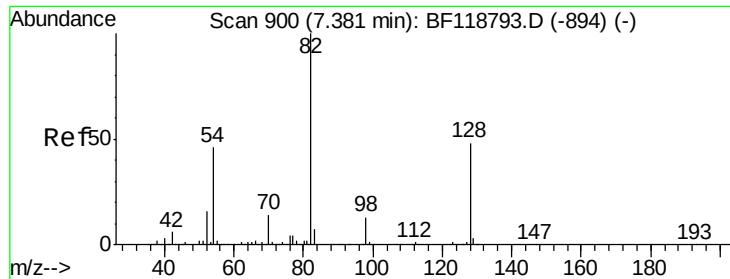
54 6.8 5.0 7.6

68 6.0 4.2 6.4



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

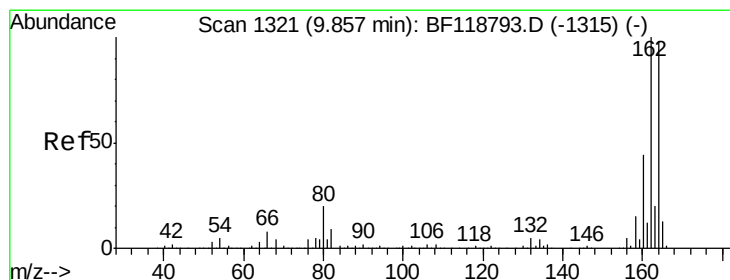
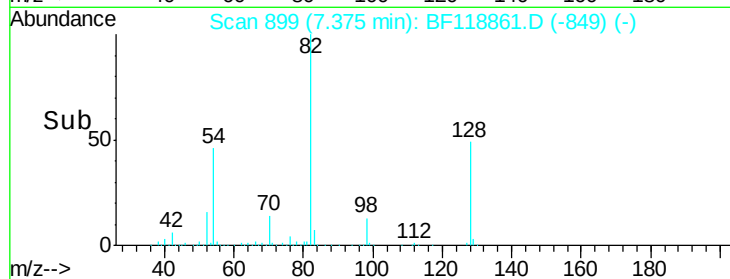
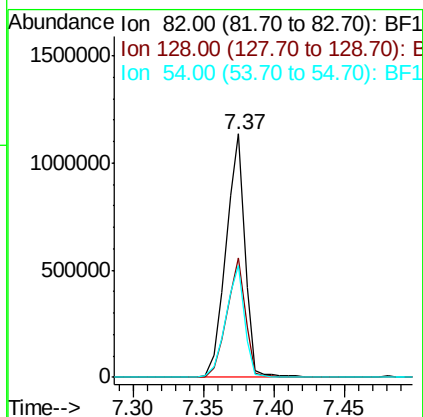
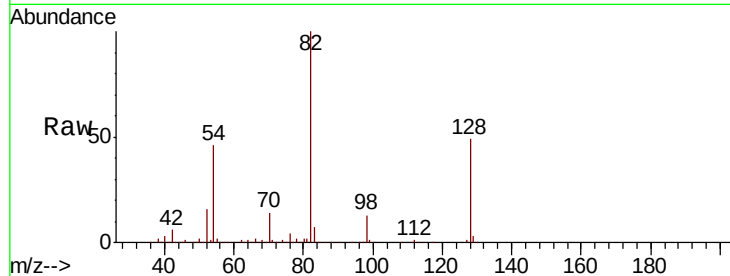




#23
Nitrobenzene-d5
Concen: 86.309 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

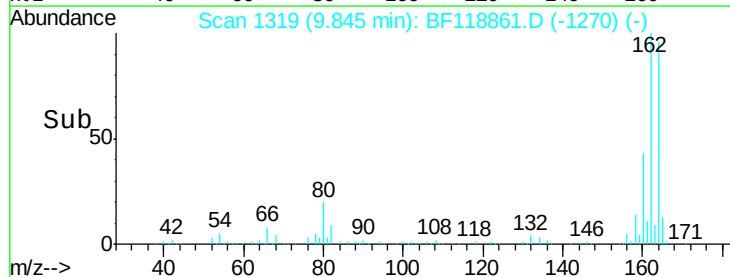
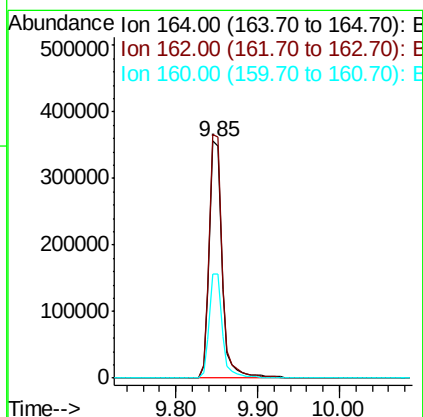
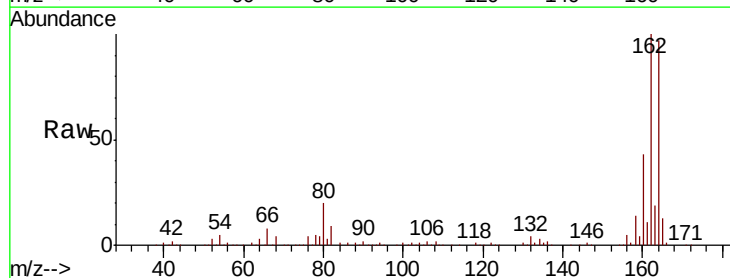
Instrument :
BNA_F
ClientSampleId :
06

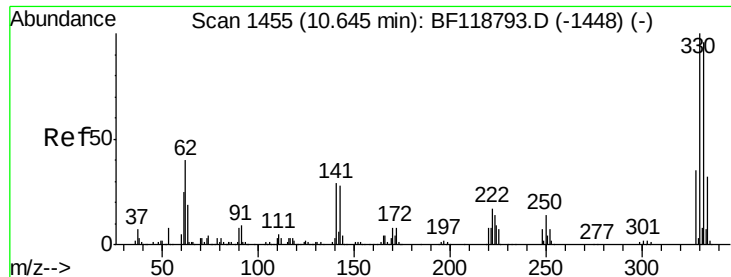
Tot Ion: 82 Resp: 1065057
Ion Ratio Lower Upper
82 100
128 49.0 38.5 57.7
54 45.8 36.7 55.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

Tgt Ion: 164 Resp: 389993
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.2
160 43.8 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 124.981 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

Instrument :

BNA_F

ClientSampleId :

06

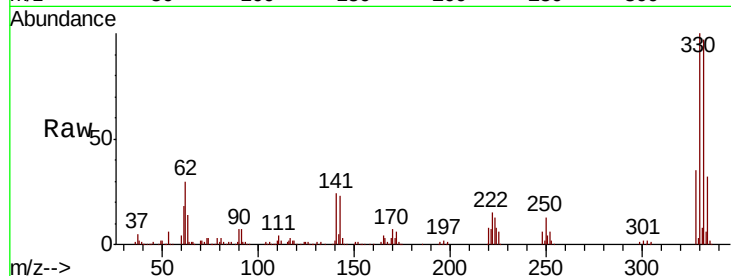
Tot Ion:330 Resp: 583206

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

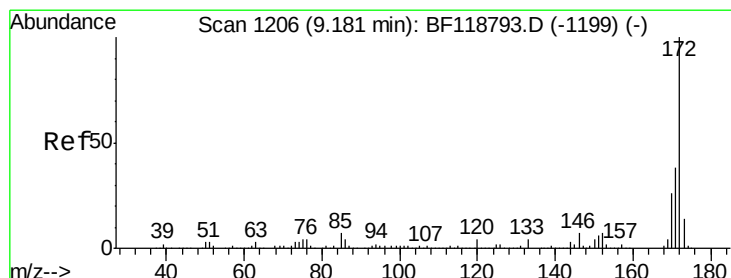
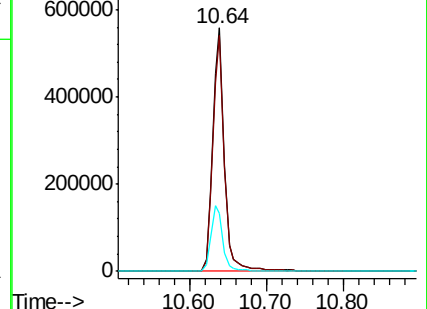
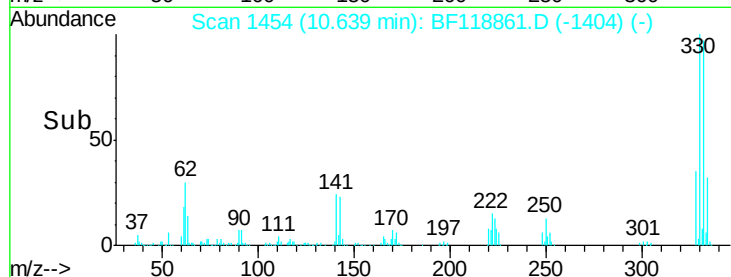
141 28.4 22.4 33.6



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: 98.401 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

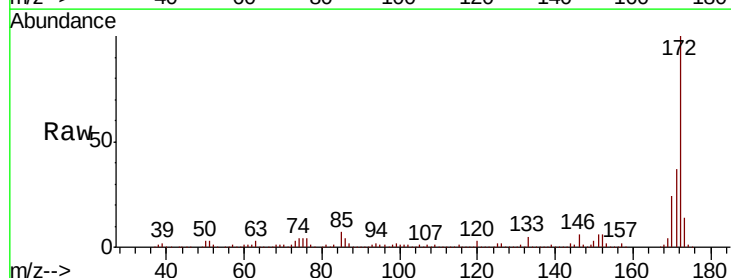
Tgt Ion:172 Resp: 2146649

Ion Ratio Lower Upper

172 100

171 36.9 30.8 46.2

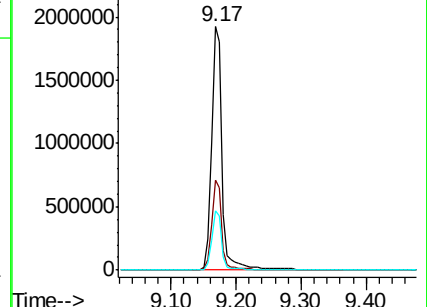
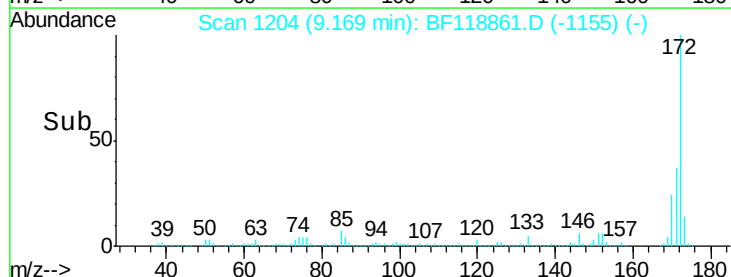
170 24.4 20.5 30.7

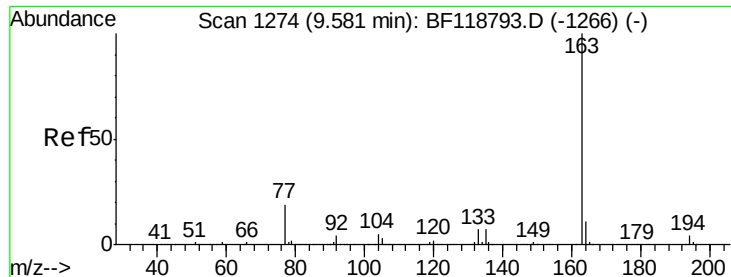


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

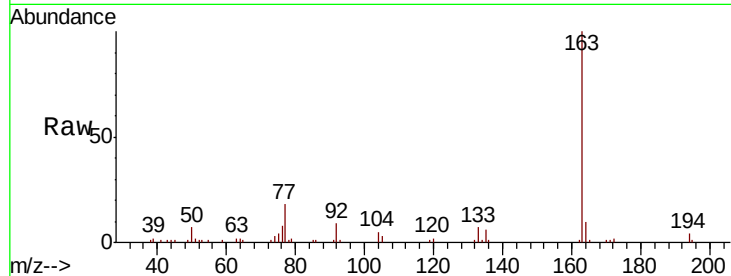




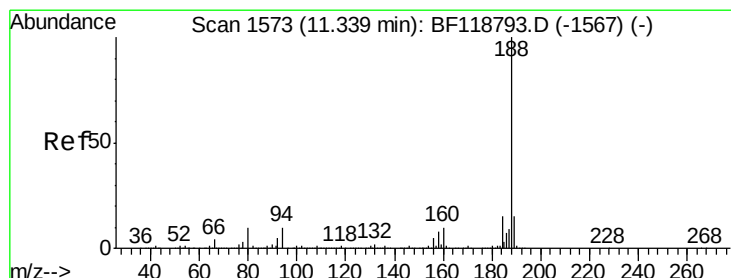
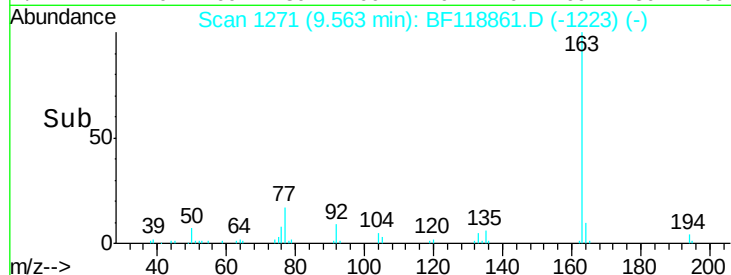
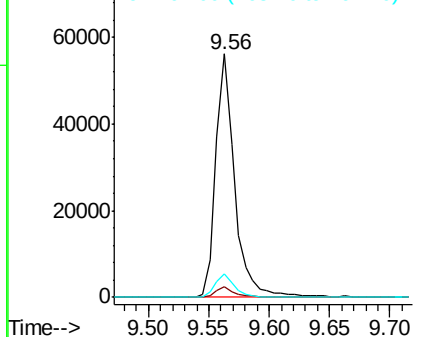
#50
Dimethylphthalate
Concen: 2.279 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

Instrument :
BNA_F
ClientSampleId :
06

Tot Ion:163 Resp: 60520
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 9.7 8.7 13.1

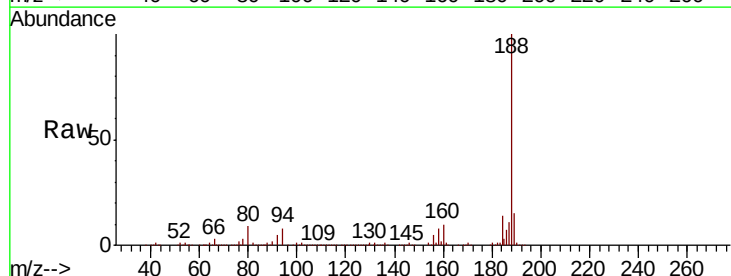


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

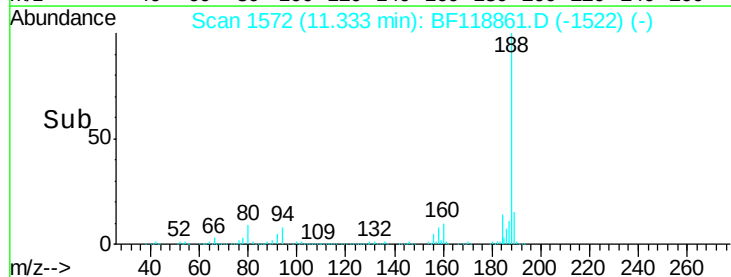
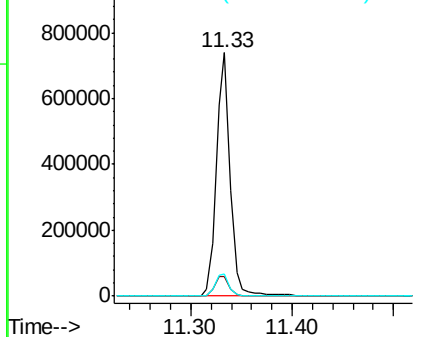


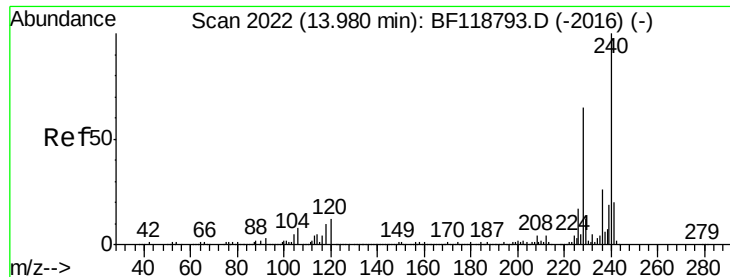
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

Tgt Ion:188 Resp: 700069
Ion Ratio Lower Upper
188 100
94 8.3 7.9 11.9
80 9.3 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

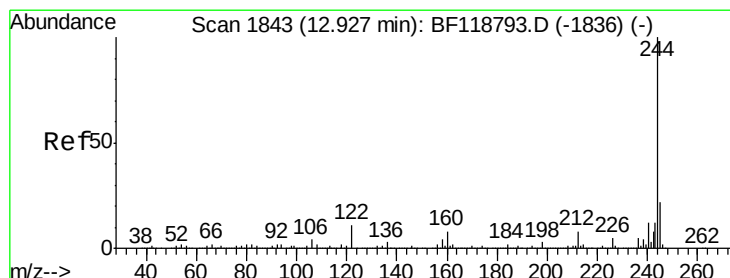
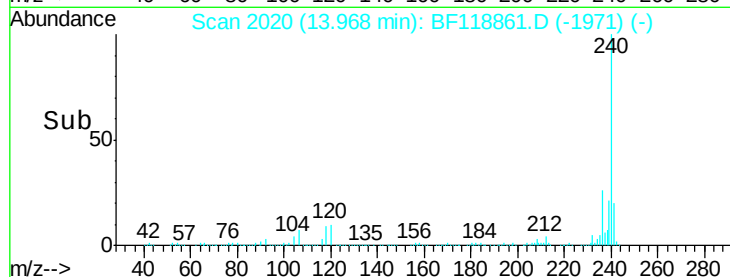
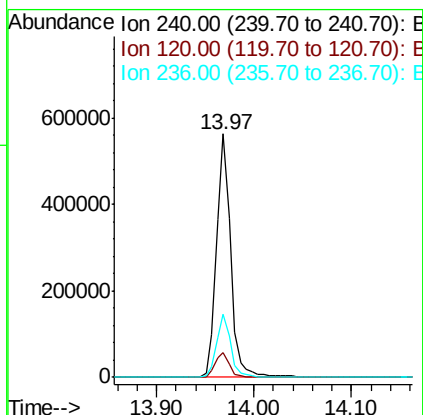
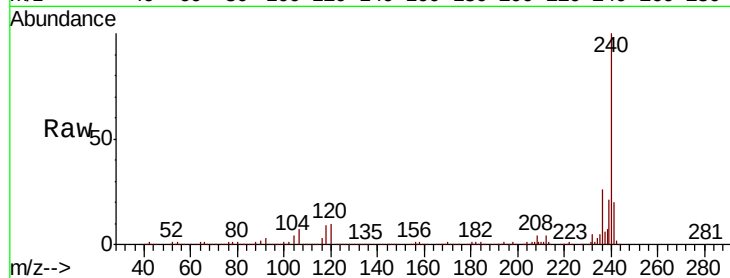




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

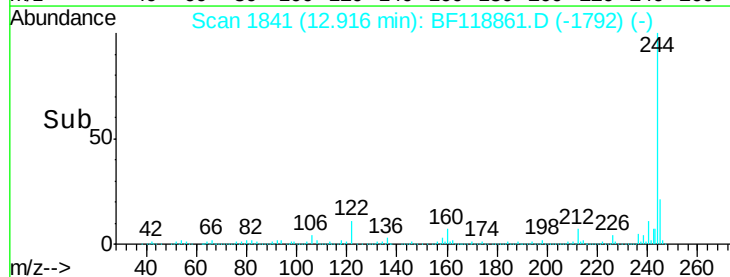
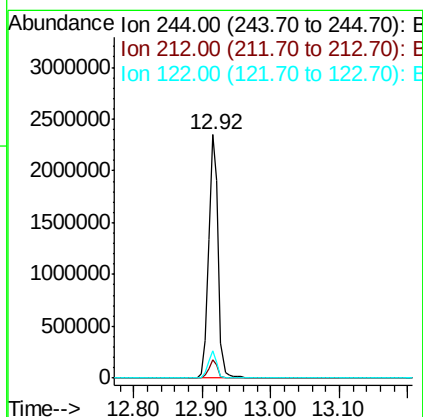
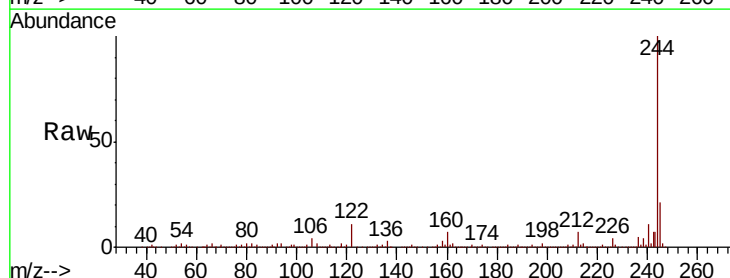
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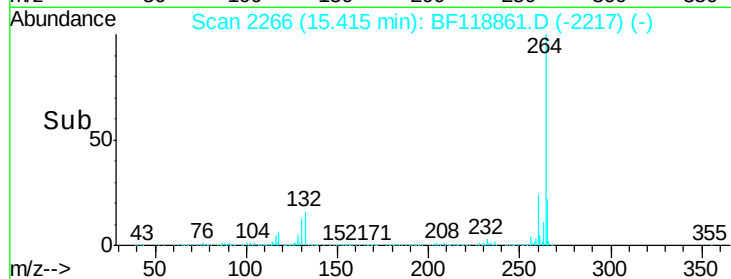
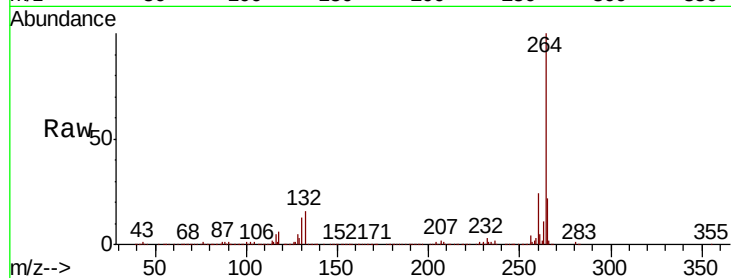
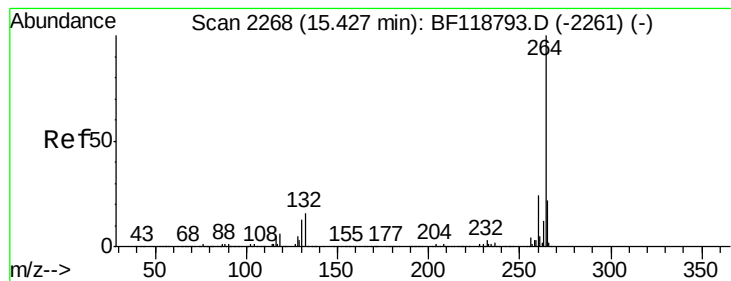
Tot Ion:240 Resp: 572628
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.0
236 25.9 21.0 31.6



#79
Terphenyl-d14
Concen: 82.747 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118861.D
Acq: 7 Feb 2020 20:08

Tgt Ion:244 Resp: 2306832
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 11.1 8.9 13.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF118861.D

Acq: 7 Feb 2020 20:08

Instrument :

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ClientSampleId :

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Tot Ion: 264 Resp: 648089

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.2 17.2 25.8

