

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113359.D
 Acq On : 28 Mar 2019 5:57
 Operator : JU/SJ
 Sample : K2097-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-21

Quant Time: Mar 28 09:06:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	167652	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	615172	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	272739	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	477778	20.00	ng	0.00
76) Chrysene-d12	13.84	240	399624	20.00	ng	0.00
87) Perylene-d12	15.24	264	297452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1164122	113.54	ng	0.02
7) Phenol-d6	6.35	99	1360245	104.87	ng	0.00
23) Nitrobenzene-d5	7.26	82	978946	94.45	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	364343	108.15	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1681320	99.66	ng	0.00
79) Terphenyl-d14	12.79	244	1592553	87.84	ng	0.00

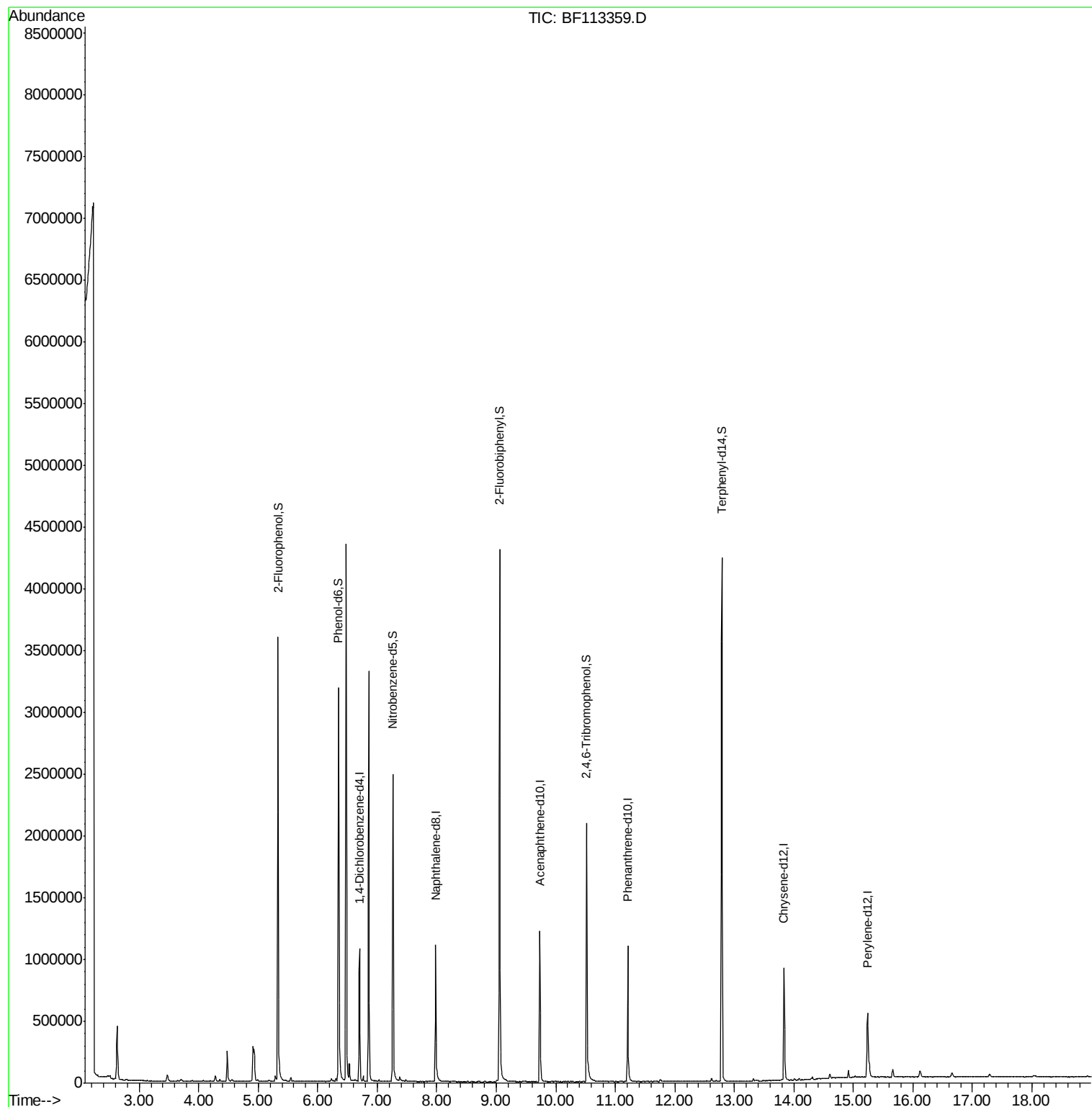
Target Compounds Qvalue

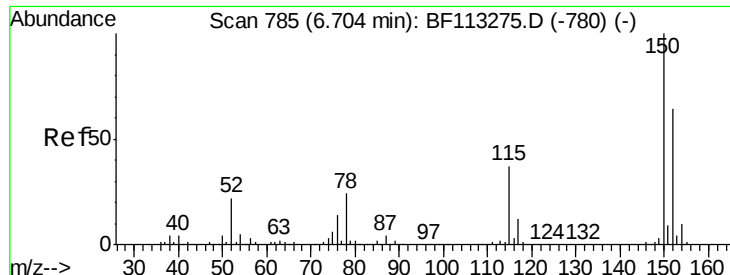
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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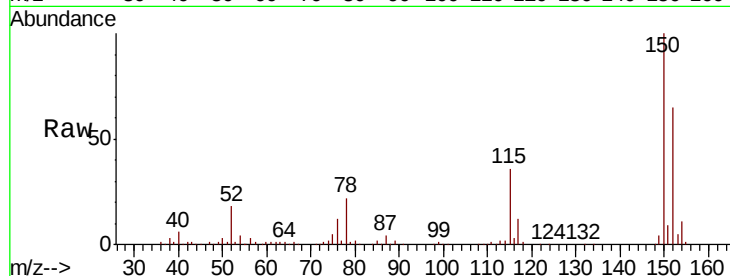


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113359.D
Acq: 28 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
CS-21

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.7	187.1
115	55.0	46.0	69.0

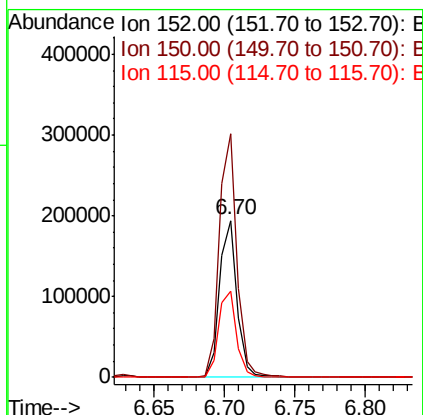
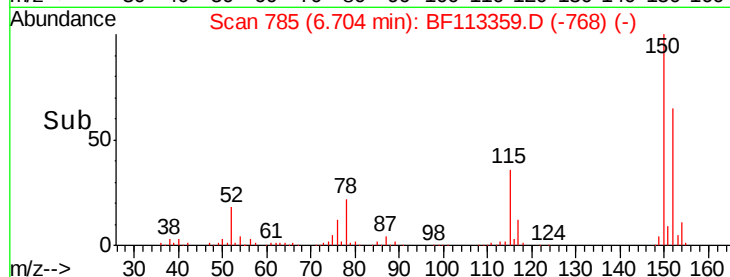


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

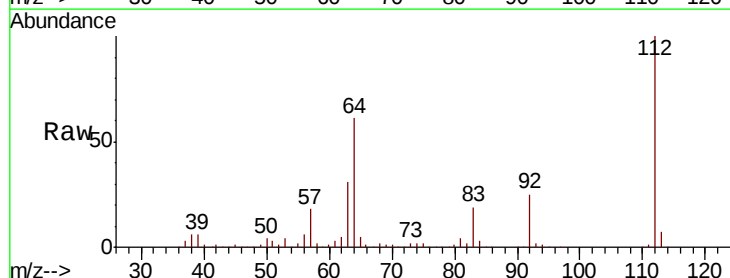
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 113.538 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF113359.D
Acq: 28 Mar 2019 5:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	49.2	73.8
63	31.0	24.9	37.3

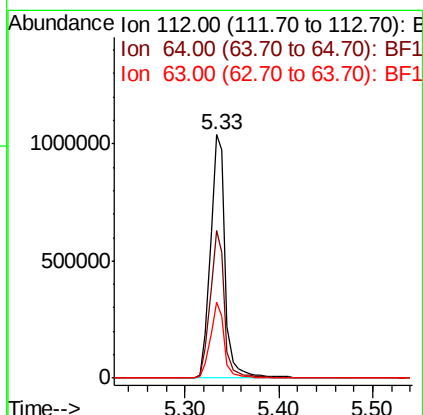
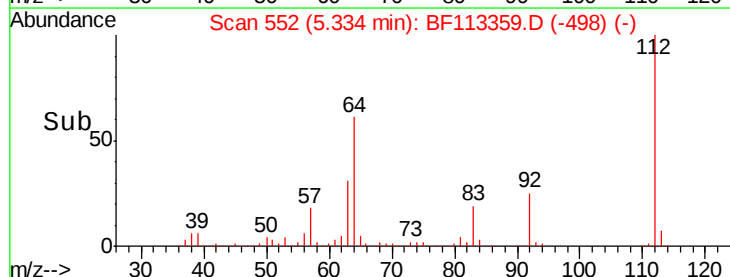


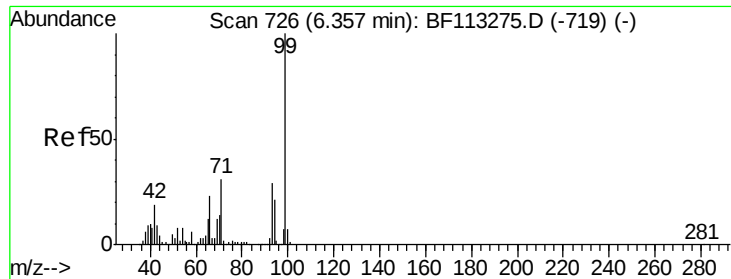
Abundance

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: 104.869 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113359.D

Acq: 28 Mar 2019 5:57

Instrument :

BNA_F

ClientSampleId :

CS-21

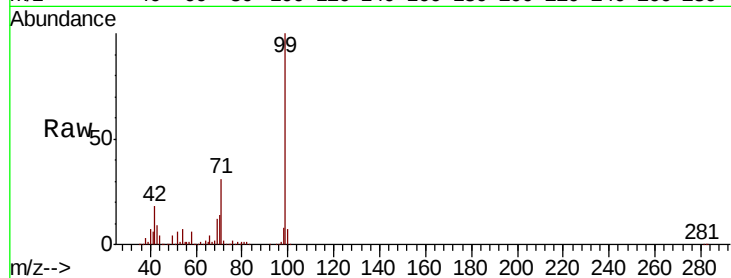
Tot Ion: 99 Resp: 1360245

Ion Ratio Lower Upper

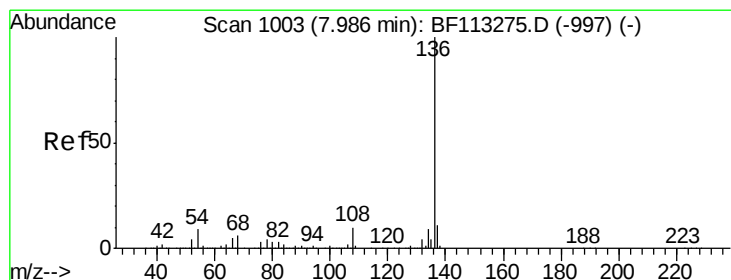
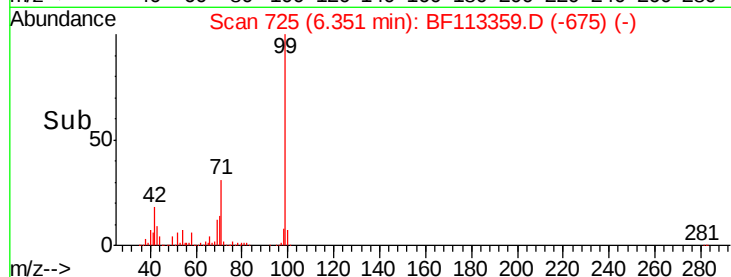
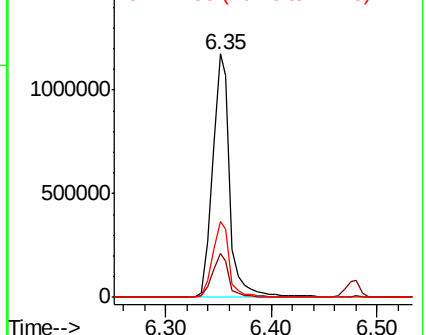
99 100

42 17.8 14.8 22.2

71 31.0 24.9 37.3



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113359.D

Acq: 28 Mar 2019 5:57

Tgt Ion: 136 Resp: 615172

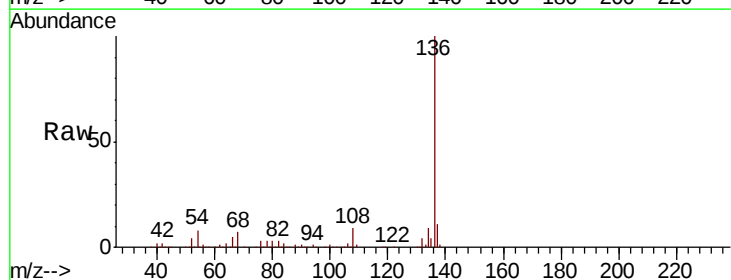
Ion Ratio Lower Upper

136 100

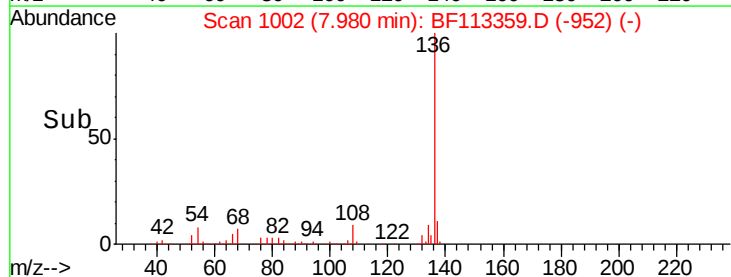
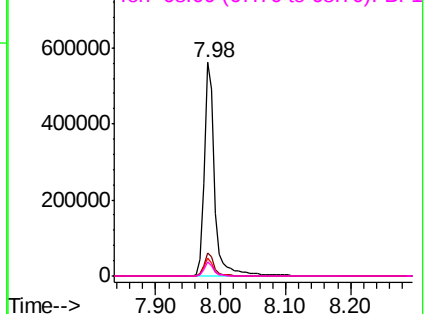
137 10.9 8.9 13.3

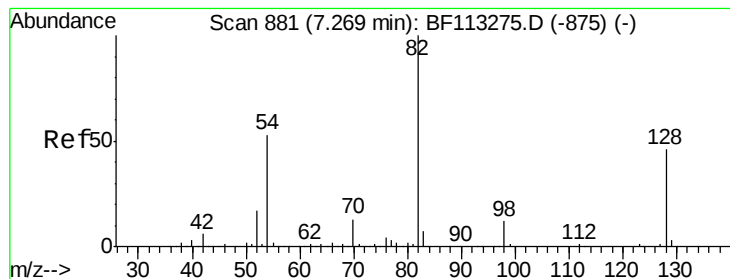
54 8.4 7.0 10.6

68 6.5 4.8 7.2



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: 94.452 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF113359.D

Acq: 28 Mar 2019 5:57

Instrument :

BNA_F

ClientSampleId :

CS-21

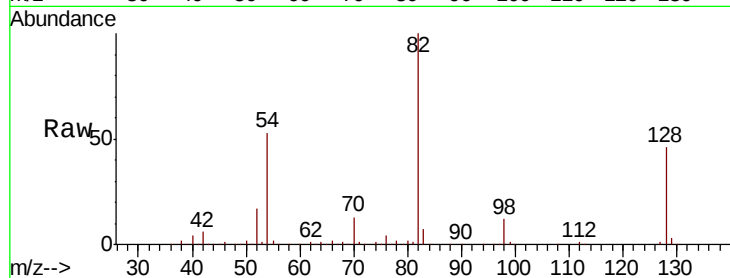
Tot Ion: 82 Resp: 978946

Ion Ratio Lower Upper

82 100

128 45.8 36.5 54.7

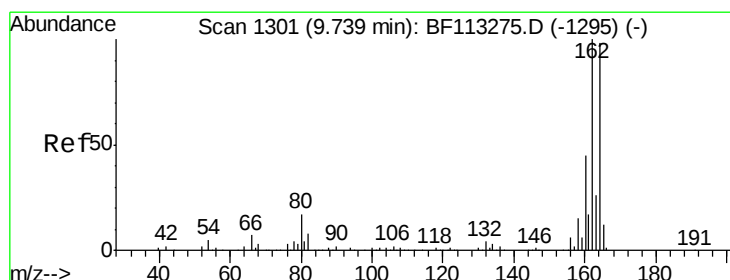
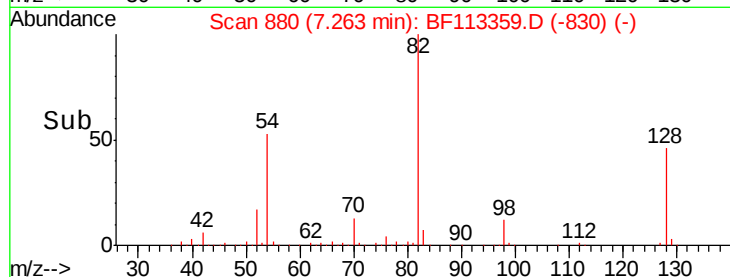
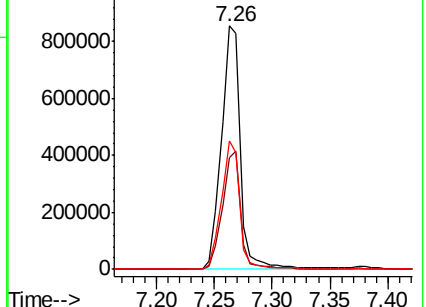
54 52.9 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113359.D

Acq: 28 Mar 2019 5:57

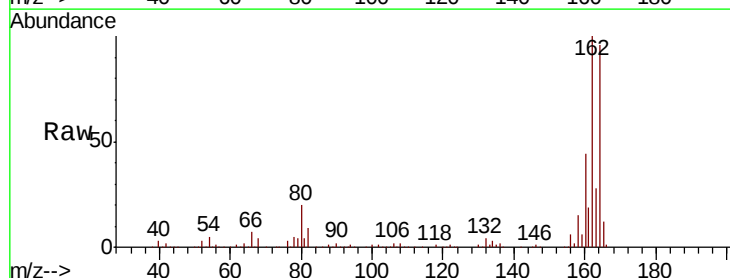
Tgt Ion:164 Resp: 272739

Ion Ratio Lower Upper

164 100

162 103.8 81.8 122.6

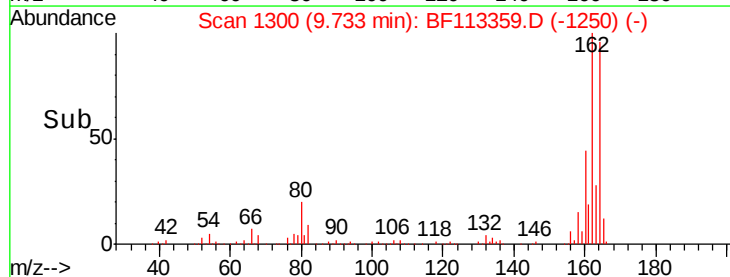
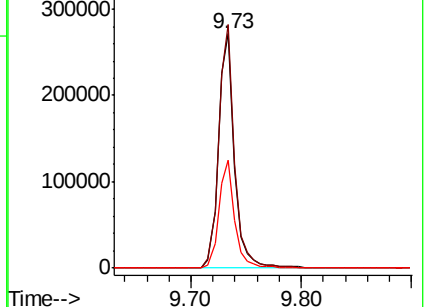
160 46.0 36.4 54.6

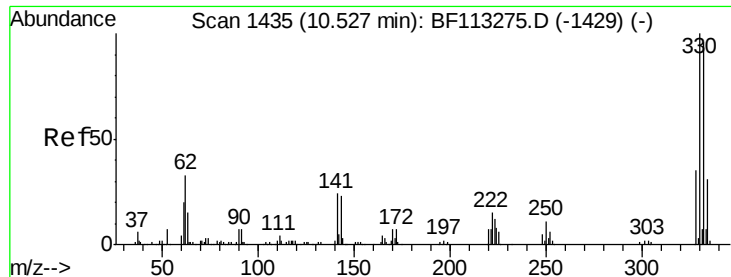


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 108.147 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113359.D

Acq: 28 Mar 2019 5:57

Instrument :

BNA_F

ClientSampleId :

CS-21

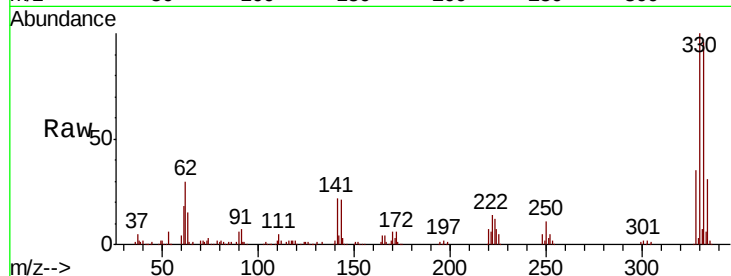
Tot Ion:330 Resp: 364343

Ion Ratio Lower Upper

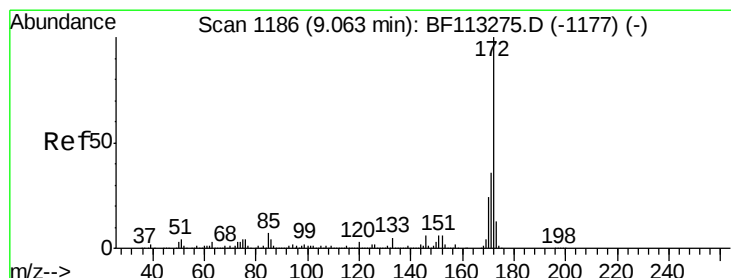
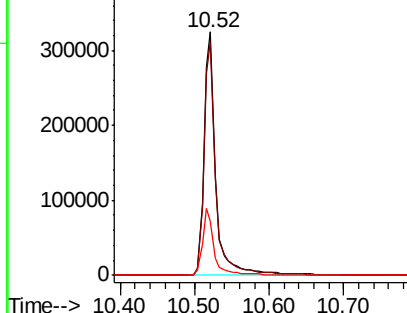
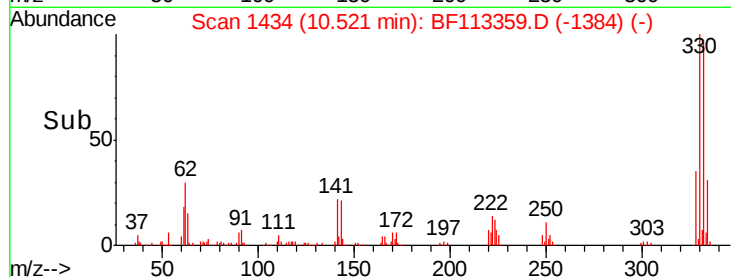
330 100

332 97.1 77.8 116.6

141 27.3 22.7 34.1



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: 99.664 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF113359.D

Acq: 28 Mar 2019 5:57

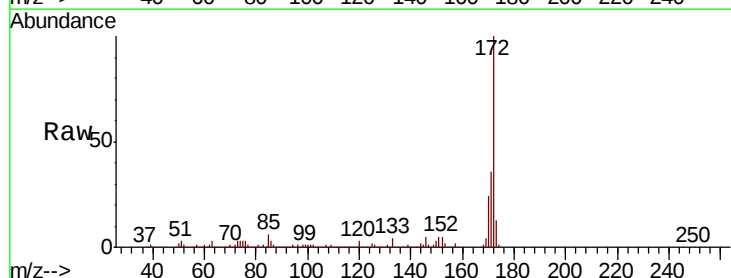
Tgt Ion:172 Resp: 1681320

Ion Ratio Lower Upper

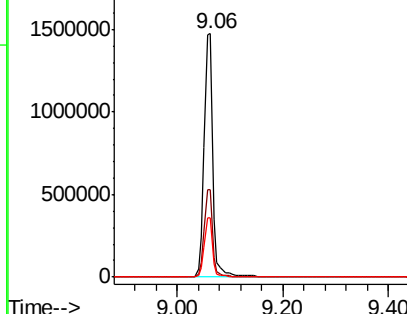
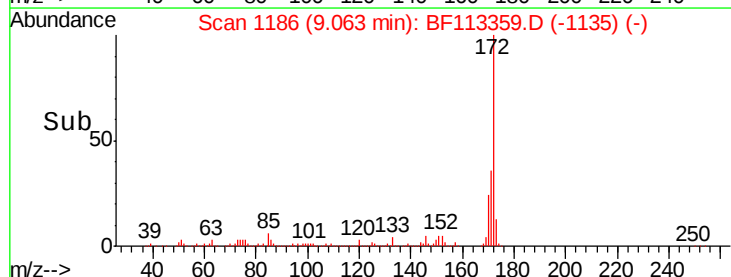
172 100

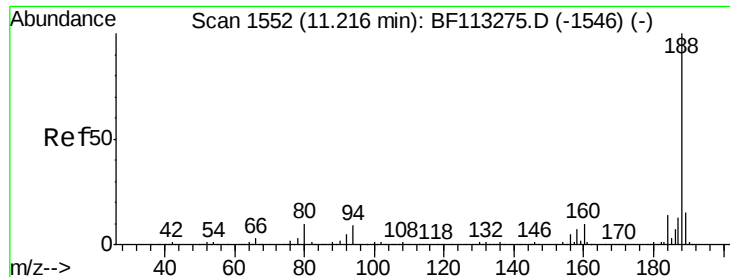
171 36.0 29.0 43.6

170 24.4 19.5 29.3



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

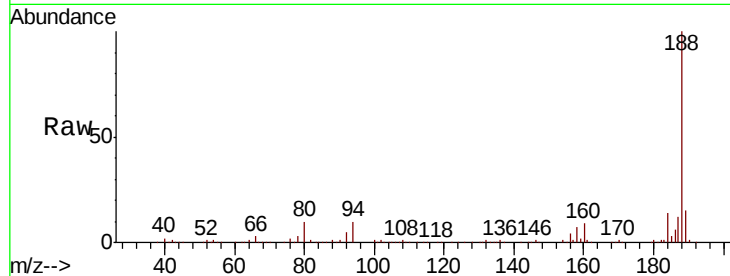




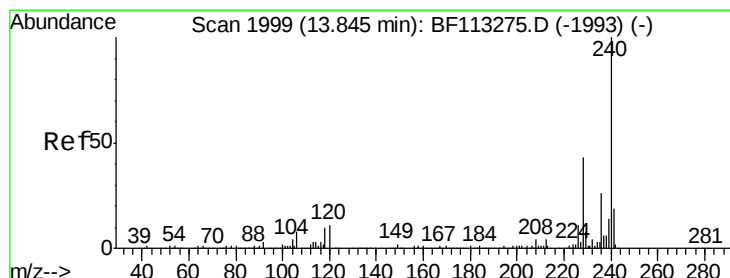
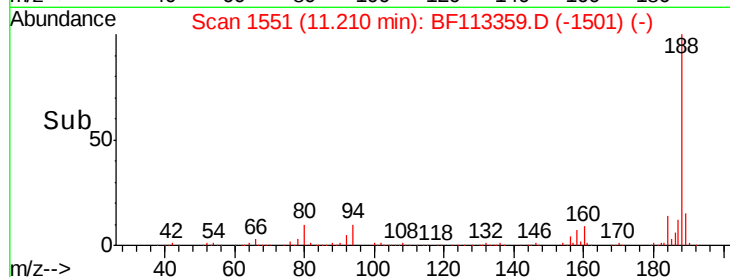
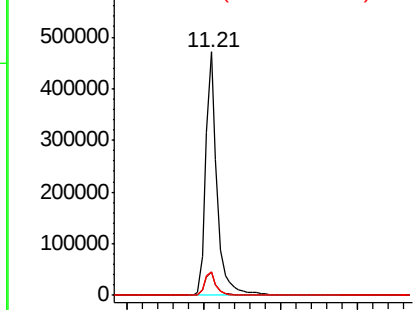
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113359.D
Acq: 28 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
CS-21

Tot Ion:188 Resp: 477778
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.6 7.7 11.5

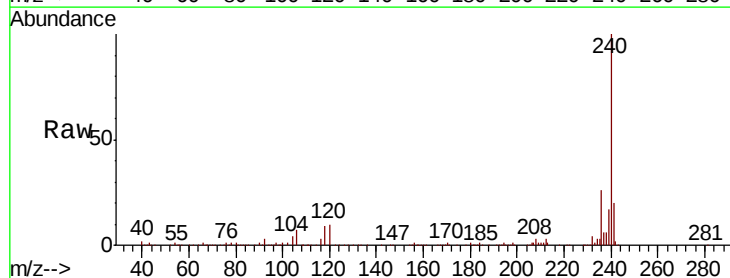


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

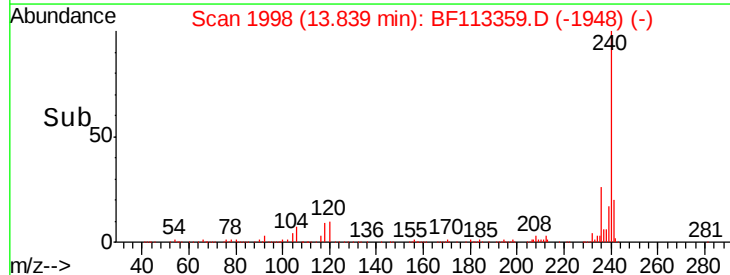
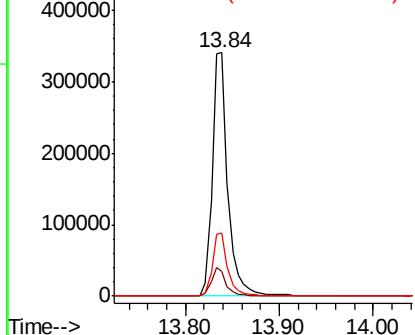


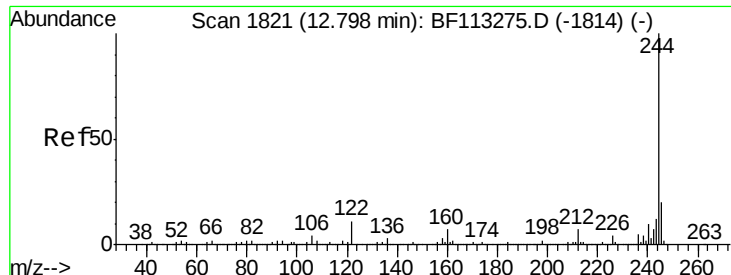
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113359.D
Acq: 28 Mar 2019 5:57

Tgt Ion:240 Resp: 399624
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

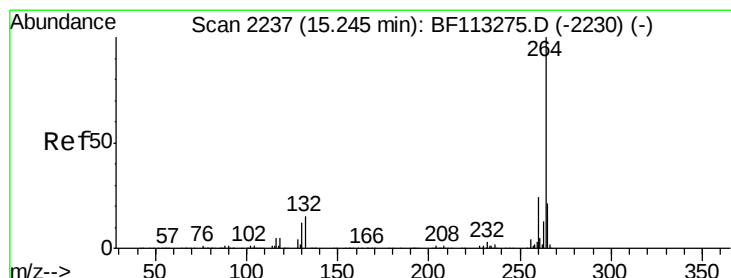
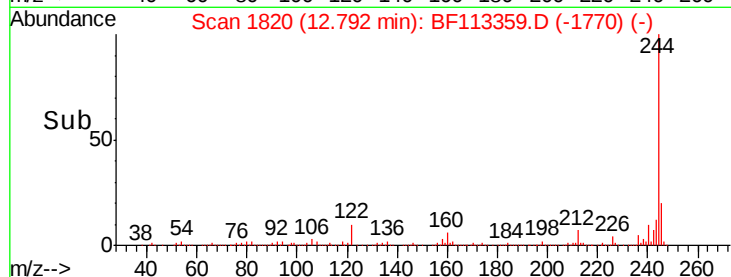
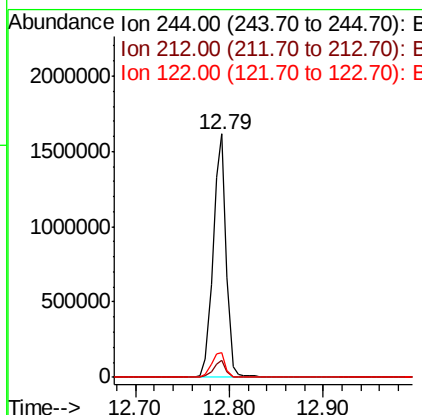
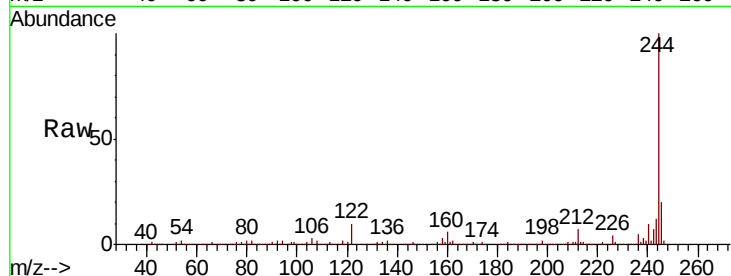




#79
Terphenyl-d14
Concen: 87.839 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF113359.D
Acq: 28 Mar 2019 5:57

Instrument :
BNA_F
ClientSampleId :
CS-21

Tot Ion:244 Resp: 1592553
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 10.4 8.6 13.0



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113359.D
Acq: 28 Mar 2019 5:57

Tgt Ion:264 Resp: 297452
Ion Ratio Lower Upper
264 100
260 23.0 19.1 28.7
265 20.6 17.1 25.7

