

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113355.D
 Acq On : 28 Mar 2019 4:04
 Operator : JU/SJ
 Sample : K2086-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-15

Quant Time: Mar 28 04:44:42 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	167852	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	622282	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	278928	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	503285	20.00	ng	0.00
76) Chrysene-d12	13.84	240	425530	20.00	ng	0.00
87) Perylene-d12	15.24	264	326201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1081950	105.40	ng	0.01
7) Phenol-d6	6.35	99	1238988	95.41	ng	0.00
23) Nitrobenzene-d5	7.26	82	916366	87.40	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	375759	109.06	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1613443	92.15	ng	0.00
79) Terphenyl-d14	12.79	244	1566708	81.15	ng	0.00

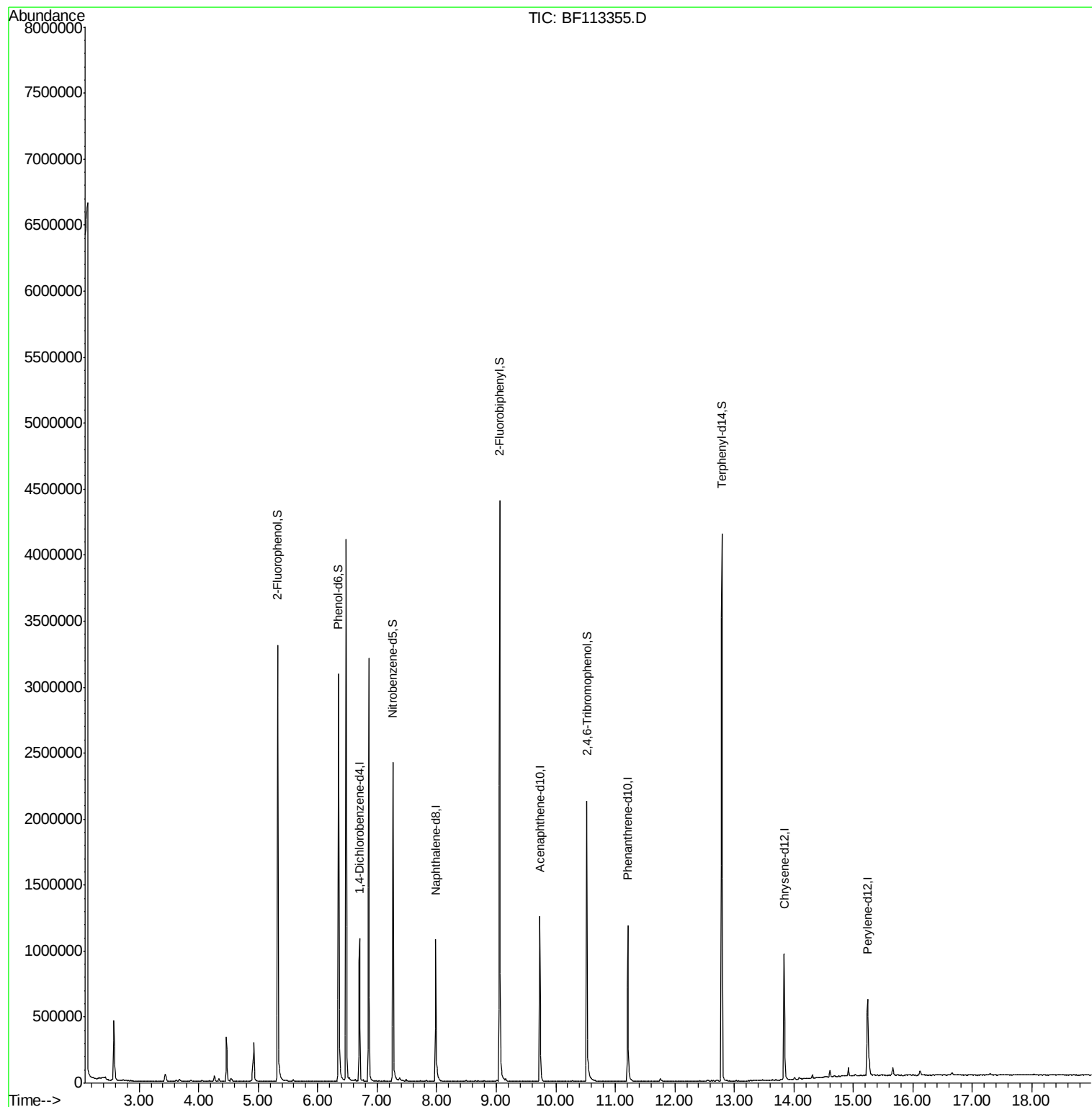
Target Compounds Qvalue

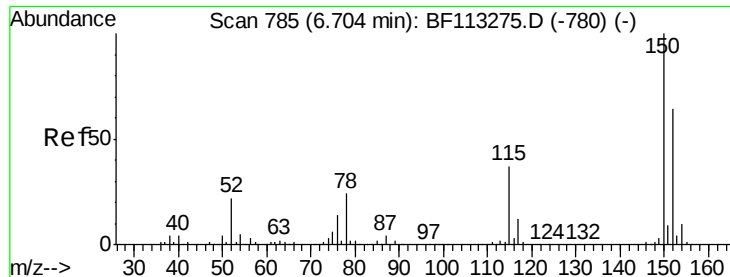
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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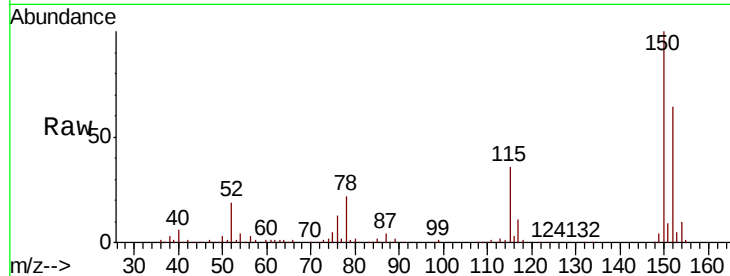


#1

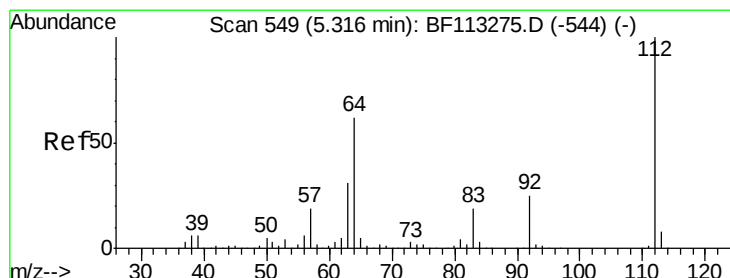
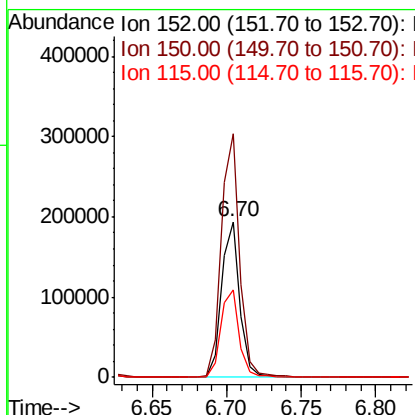
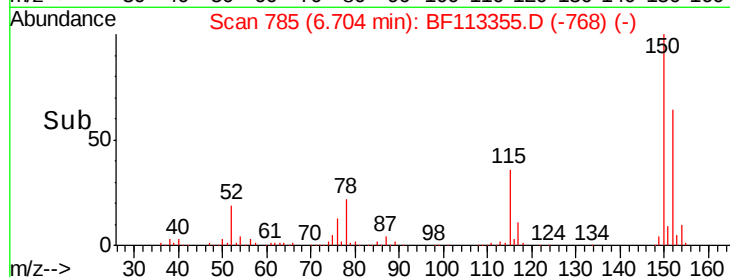
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113355.D
Acq: 28 Mar 2019 4:04

Instrument :
BNA_F
ClientSampleId :
CS-15

Tot Ion:152 Resp: 167852
Ion Ratio Lower Upper
152 100
150 156.4 124.7 187.1
115 55.9 46.0 69.0



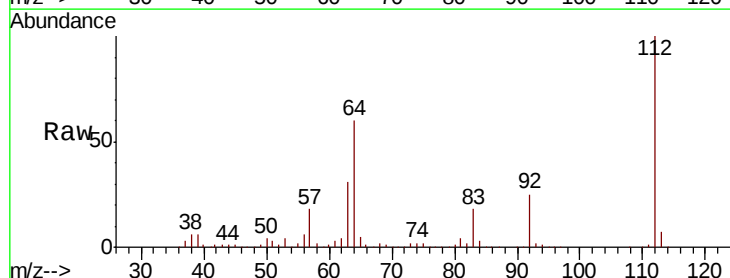
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



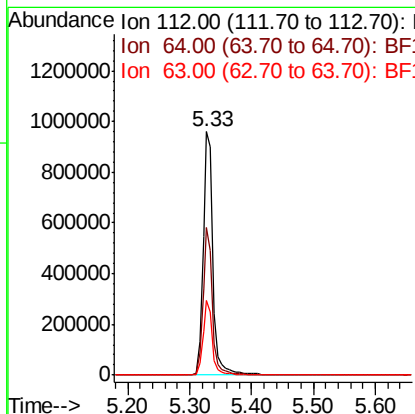
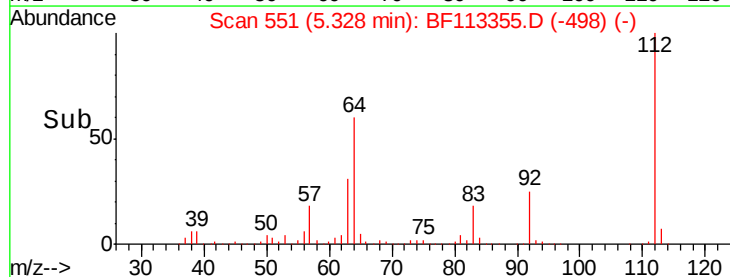
#5

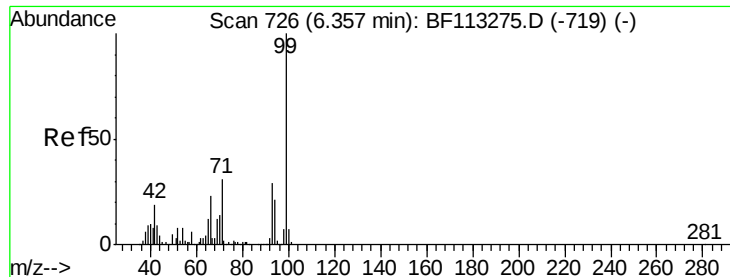
2-Fluorophenol
Concen: 105.398 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113355.D
Acq: 28 Mar 2019 4:04

Tgt Ion:112 Resp: 1081950
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 30.6 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: 95.407 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113355.D

Acq: 28 Mar 2019 4:04

Instrument :

BNA_F

ClientSampled :

CS-15

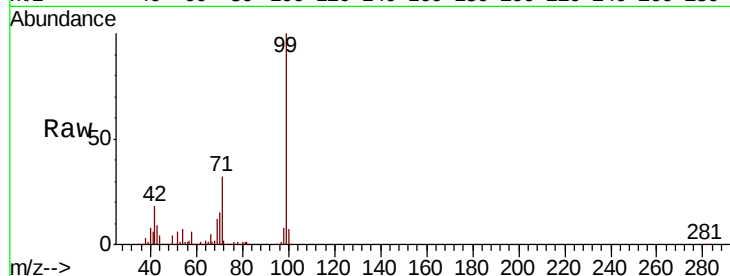
Tot Ion: 99 Resp: 1238988

Ion Ratio Lower Upper

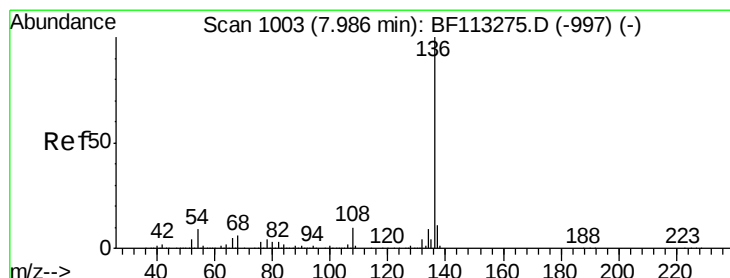
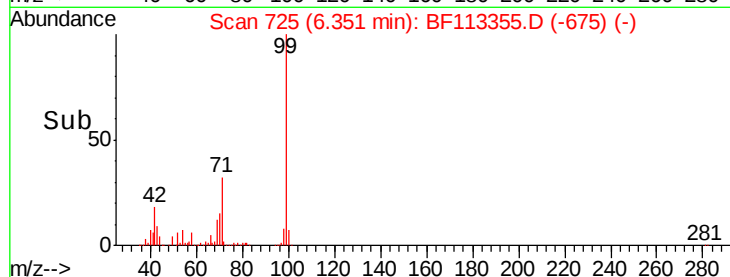
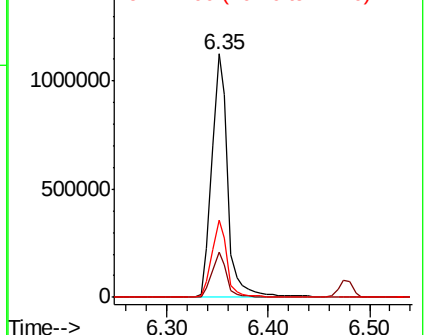
99 100

42 18.4 14.8 22.2

71 31.6 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: BF113355.D

Acq: 28 Mar 2019 4:04

Tgt Ion: 136 Resp: 622282

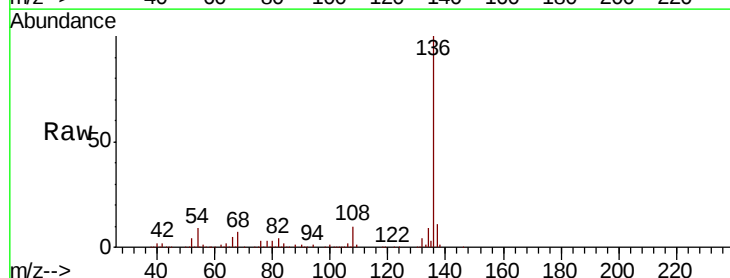
Ion Ratio Lower Upper

136 100

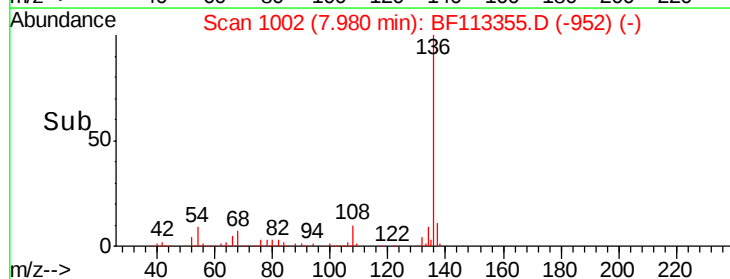
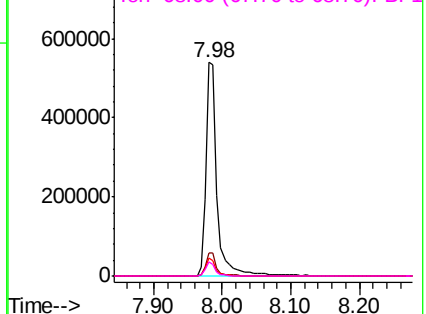
137 11.1 8.9 13.3

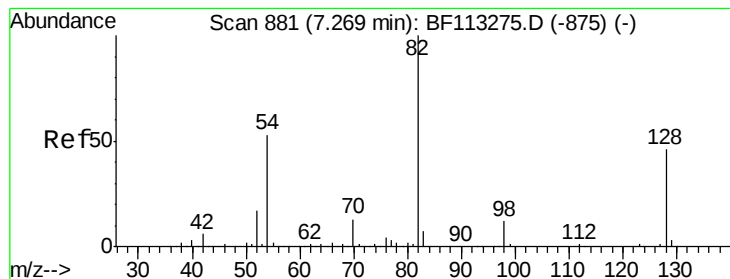
54 8.6 7.0 10.6

68 6.6 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: 87.404 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF113355.D

Acq: 28 Mar 2019 4:04

Instrument :

BNA_F

ClientSampled :

CS-15

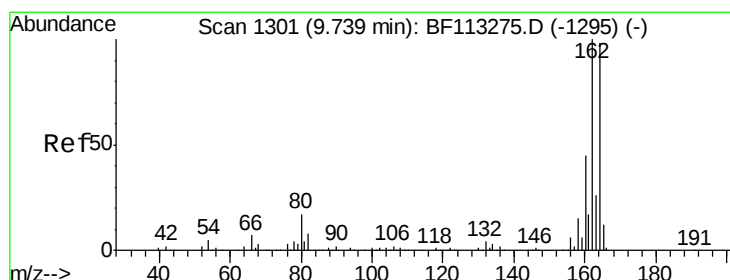
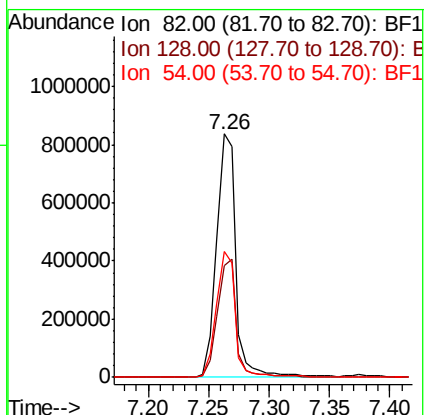
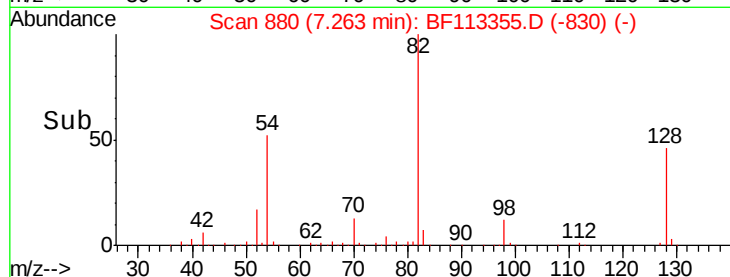
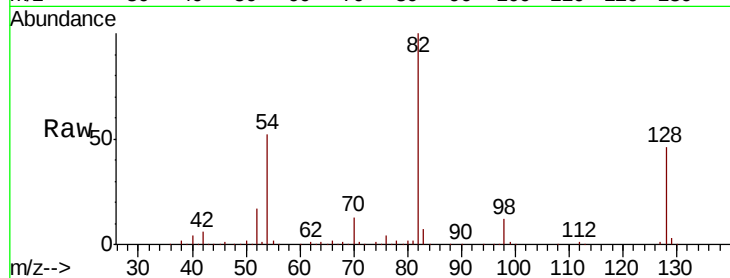
Tot Ion: 82 Resp: 916366

Ion Ratio Lower Upper

82 100

128 45.7 36.5 54.7

54 51.6 42.2 63.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113355.D

Acq: 28 Mar 2019 4:04

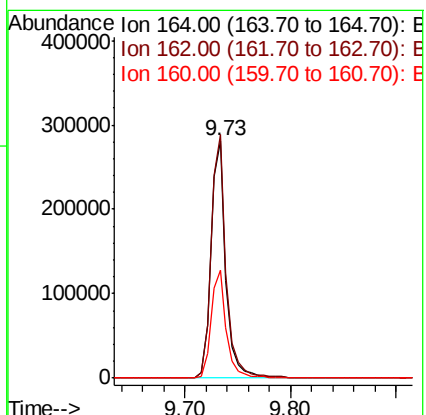
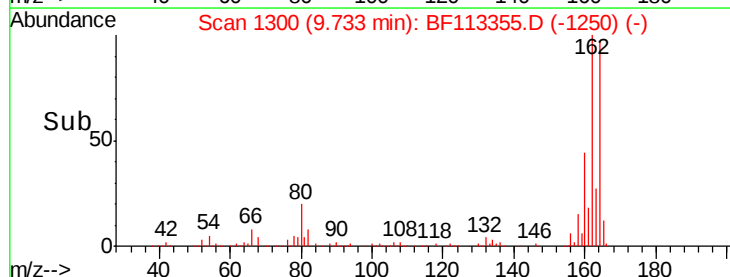
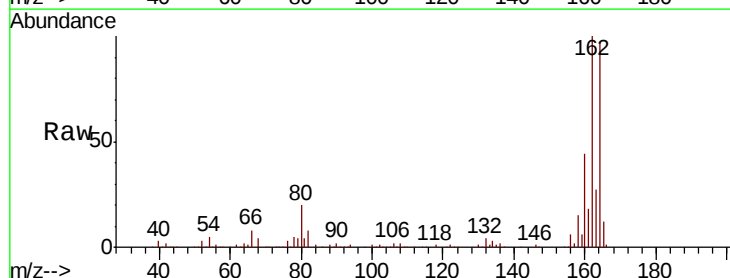
Tgt Ion:164 Resp: 278928

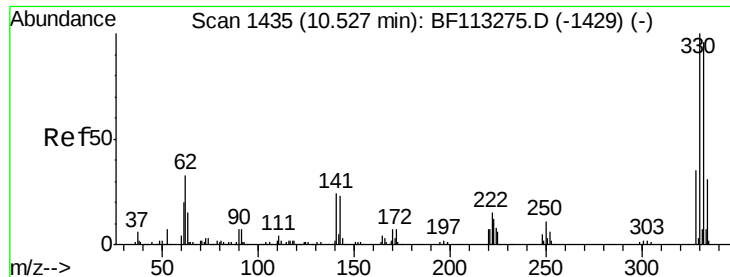
Ion Ratio Lower Upper

164 100

162 102.6 81.8 122.6

160 45.6 36.4 54.6

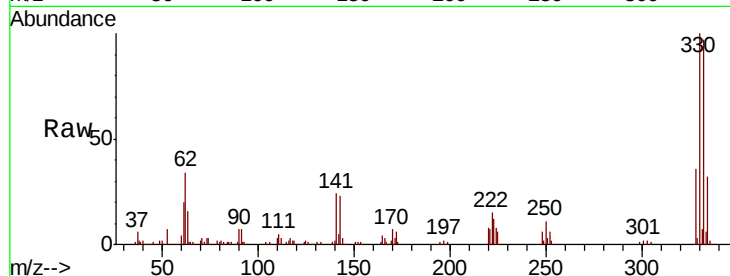




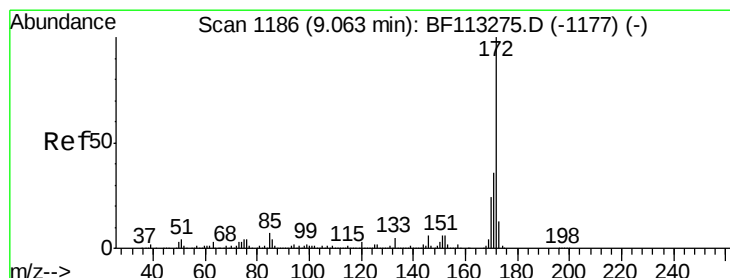
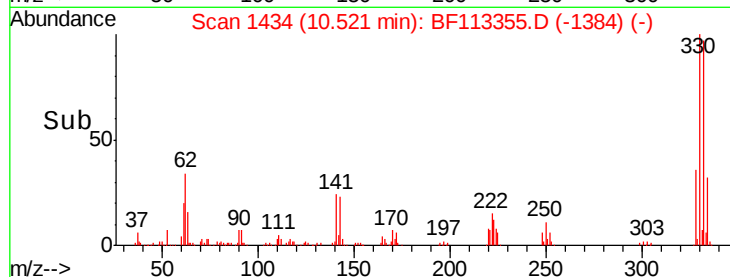
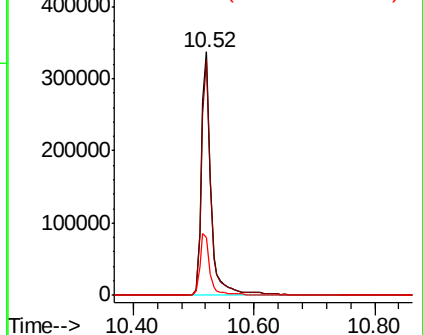
#42
 2,4,6-Tribromophenol
 Concen: 109.061 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113355.D
 Acq: 28 Mar 2019 4:04

Instrument :
 BNA_F
 ClientSampleId :
 CS-15

Tot Ion:330 Resp: 375759
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.8 116.6
 141 27.2 22.7 34.1

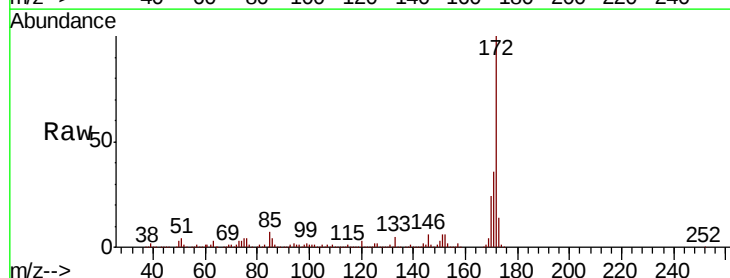


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

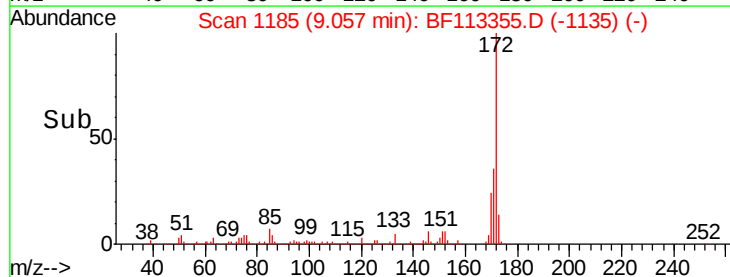
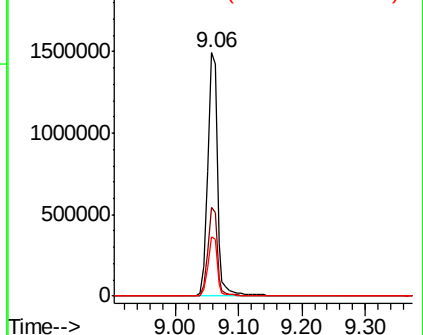


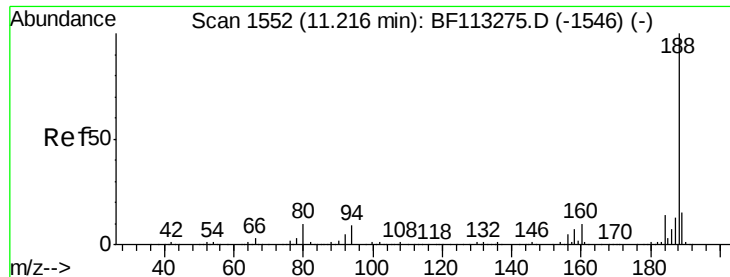
#45
 2-Fluorobiphenyl
 Concen: 92.146 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113355.D
 Acq: 28 Mar 2019 4:04

Tgt Ion:172 Resp: 1613443
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.3 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

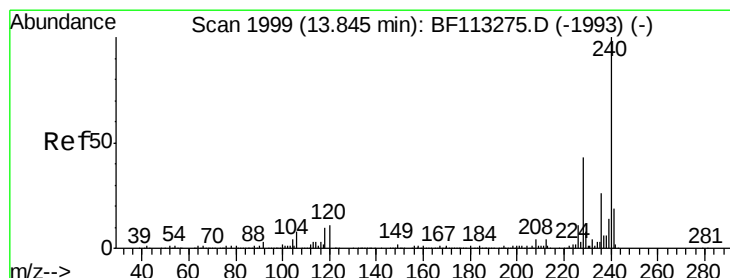
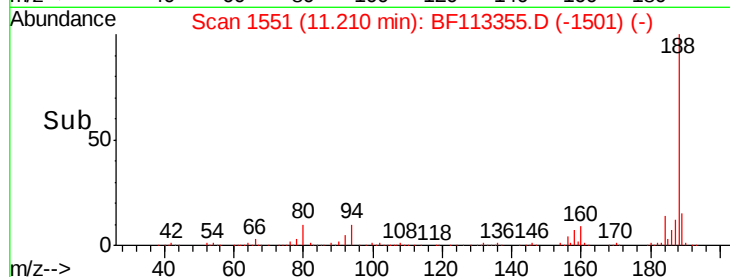
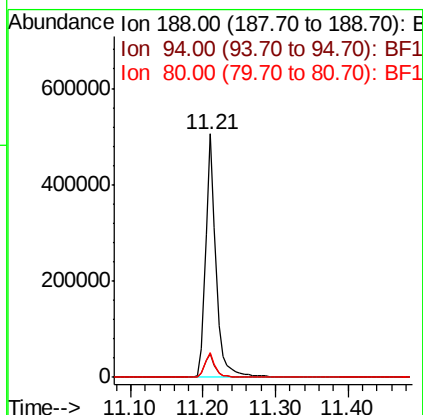
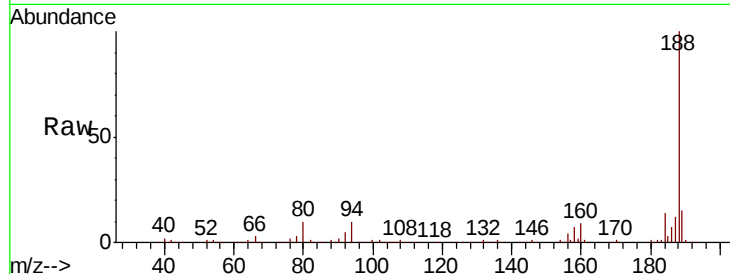




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113355.D
Acq: 28 Mar 2019 4:04

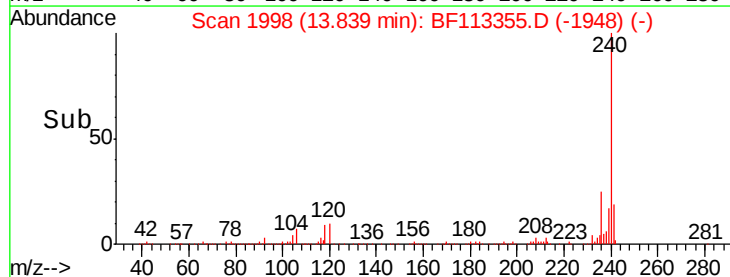
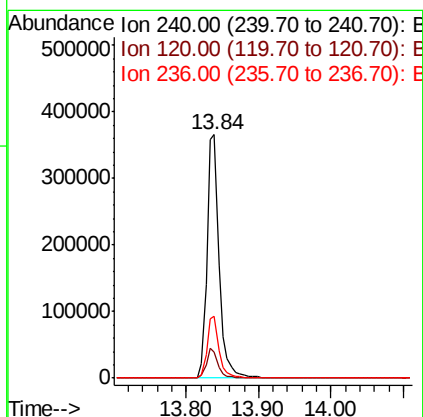
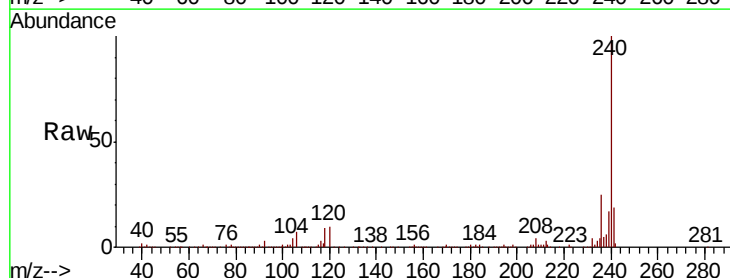
Instrument :
BNA_F
ClientSampleId :
CS-15

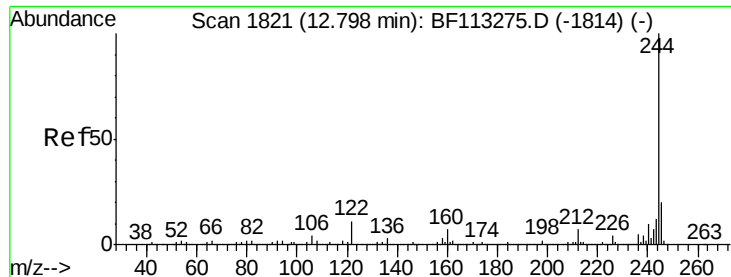
Tot Ion:188 Resp: 503285
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113355.D
Acq: 28 Mar 2019 4:04

Tgt Ion:240 Resp: 425530
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.3 20.9 31.3





#79

Terphenyl-d14

Concen: 81.153 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113355.D

Acq: 28 Mar 2019 4:04

Instrument :

BNA_F

ClientSampleId :

CS-15

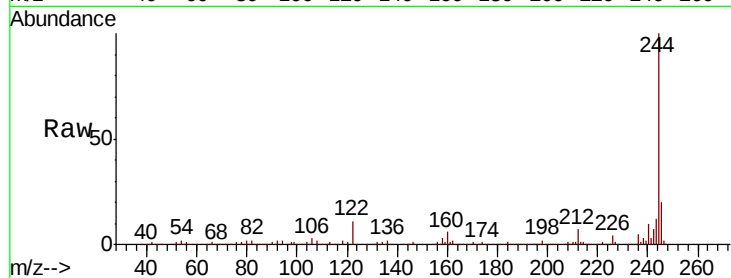
Tot Ion:244 Resp: 1566708

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

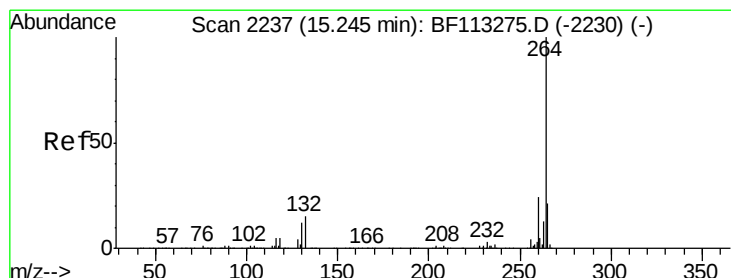
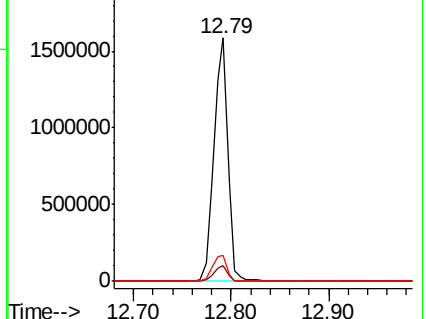
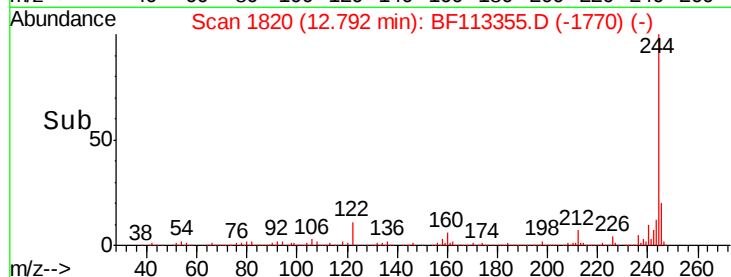
122 10.6 8.6 13.0



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: 15.24 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BF113355.D

Acq: 28 Mar 2019 4:04

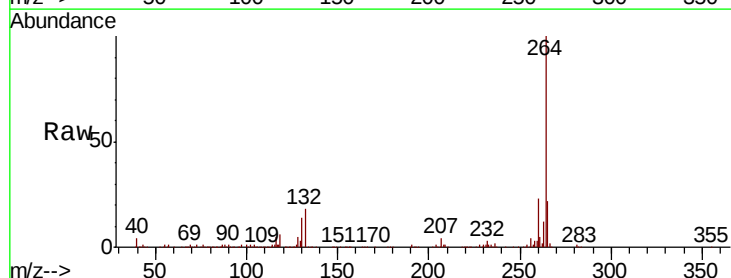
Tgt Ion:264 Resp: 326201

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.7 17.1 25.7



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

