

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113358.D
 Acq On : 28 Mar 2019 5:29
 Operator : JU/SJ
 Sample : K2097-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-20

Quant Time: Mar 28 09:05:50 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	168039	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	622620	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	280206	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	481368	20.00	ng	0.00
76) Chrysene-d12	13.83	240	409443	20.00	ng	-0.01
87) Perylene-d12	15.24	264	314015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1153122	112.21	ng	0.02
7) Phenol-d6	6.35	99	1355358	104.25	ng	0.00
23) Nitrobenzene-d5	7.27	82	950492	90.61	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	348264	100.62	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1662501	95.09	ng	0.00
79) Terphenyl-d14	12.79	244	1543296	83.08	ng	0.00

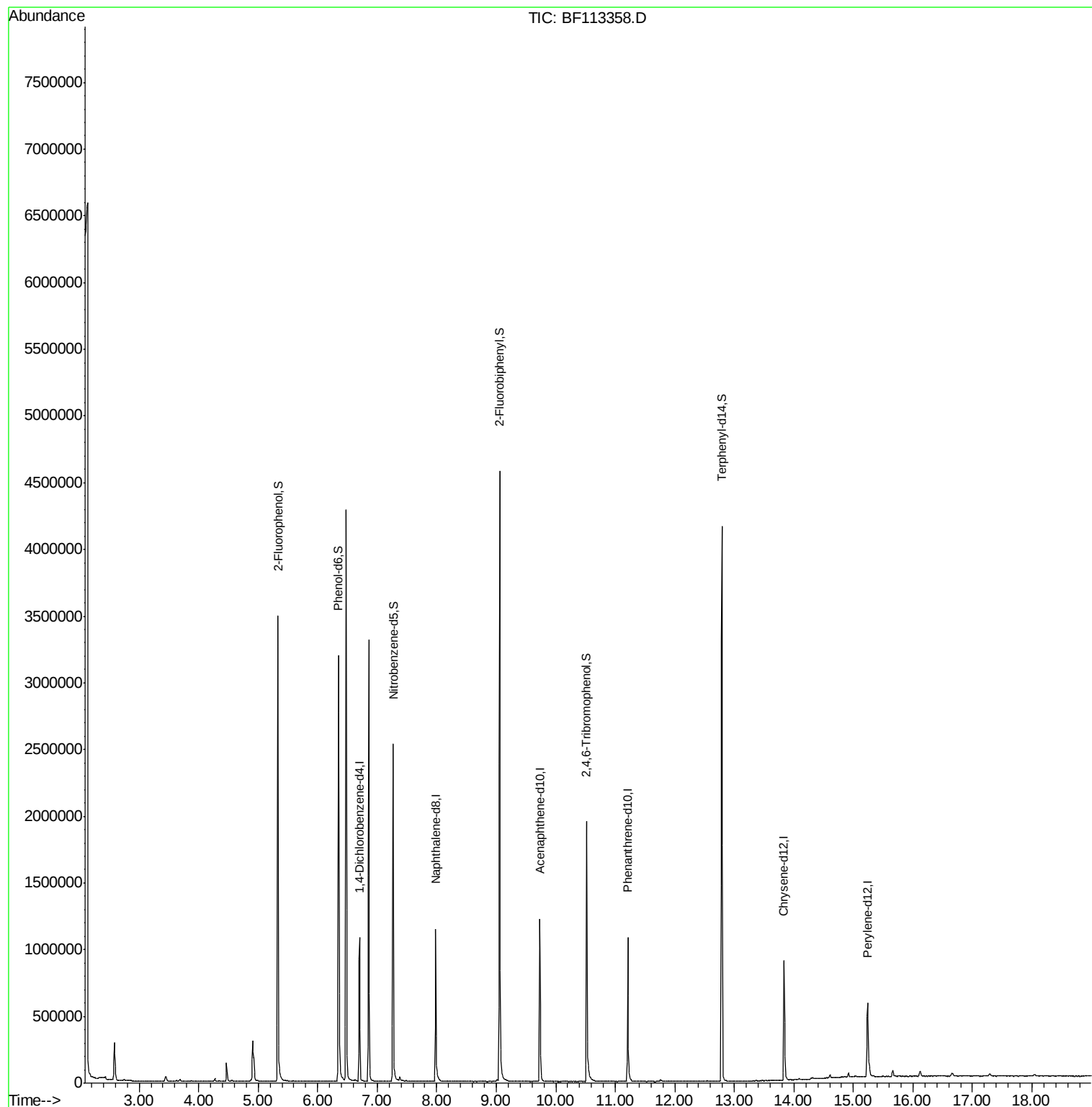
Target Compounds Qvalue

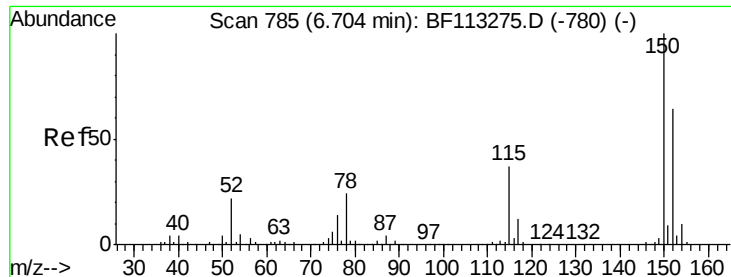
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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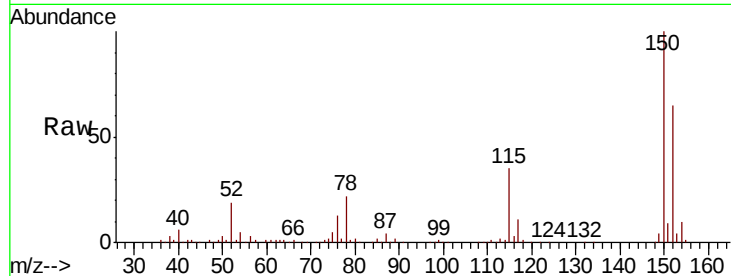


#1

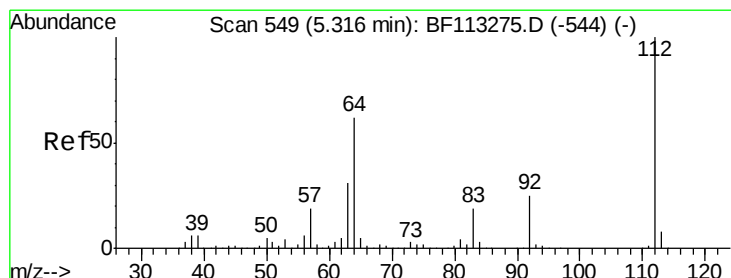
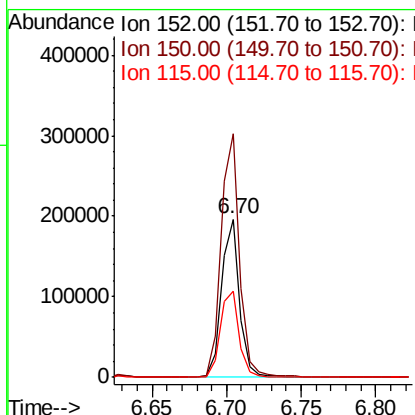
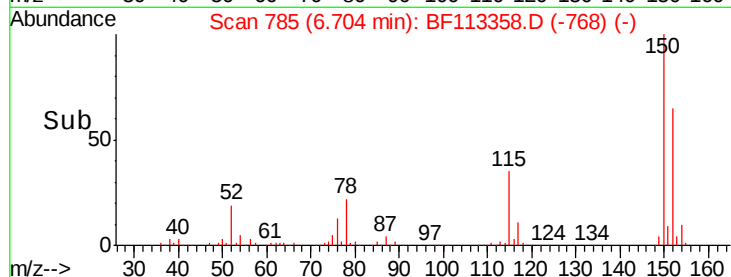
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF113358.D
 Acq: 28 Mar 2019 5:29

Instrument :
 BNA_F
 ClientSampleId :
 CS-20

Tot Ion:152 Resp: 168039
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.7 187.1
 115 54.3 46.0 69.0



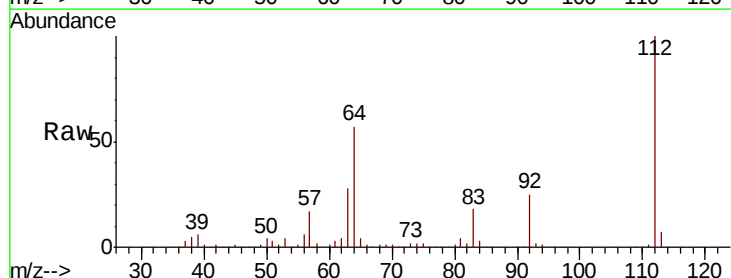
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



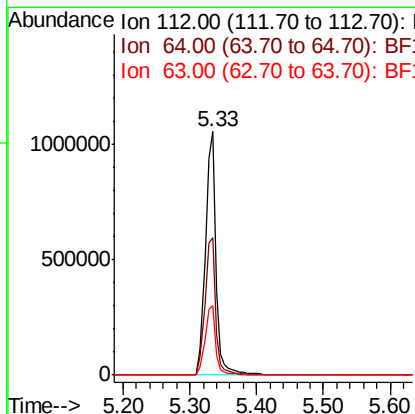
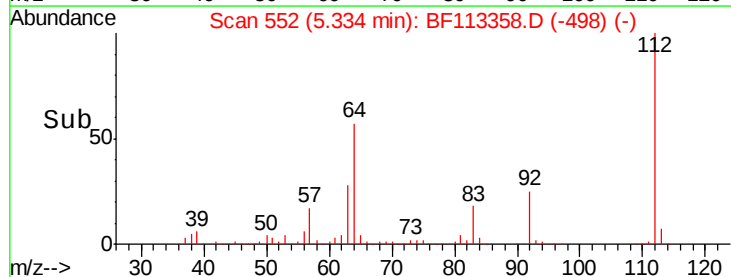
#5

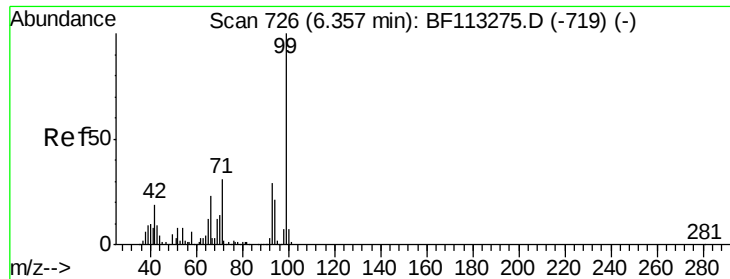
2-Fluorophenol
 Concen: 112.206 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.02 min
 Lab File: BF113358.D
 Acq: 28 Mar 2019 5:29

Tgt Ion:112 Resp: 1153122
 Ion Ratio Lower Upper
 112 100
 64 56.6 49.2 73.8
 63 28.4 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: 104.252 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

Instrument :

BNA_F

ClientSampleId :

CS-20

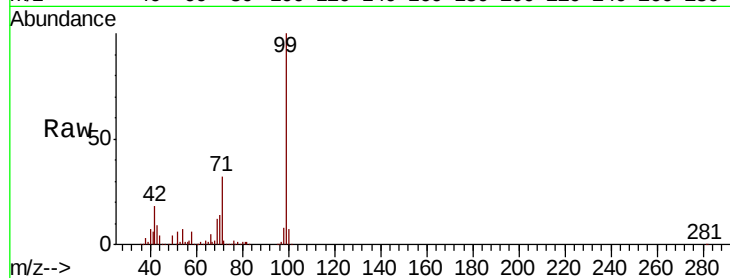
Tot Ion: 99 Resp: 1355358

Ion Ratio Lower Upper

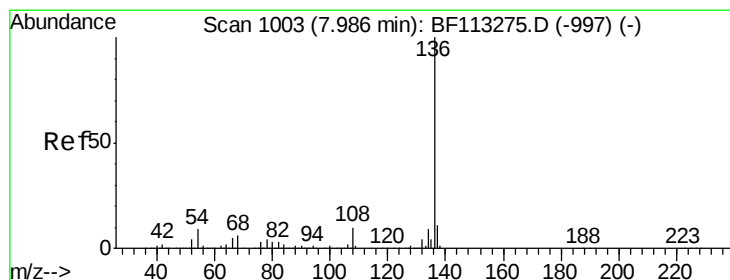
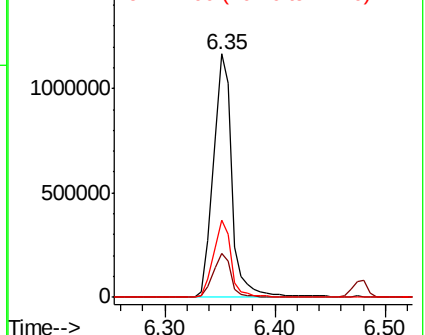
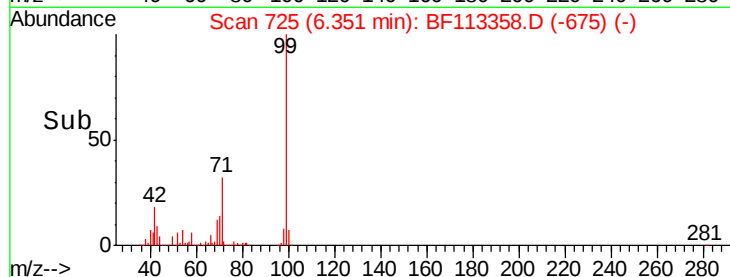
99 100

42 18.2 14.8 22.2

71 32.0 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: BF113358.D

Acq: 28 Mar 2019 5:29

Tgt Ion: 136 Resp: 622620

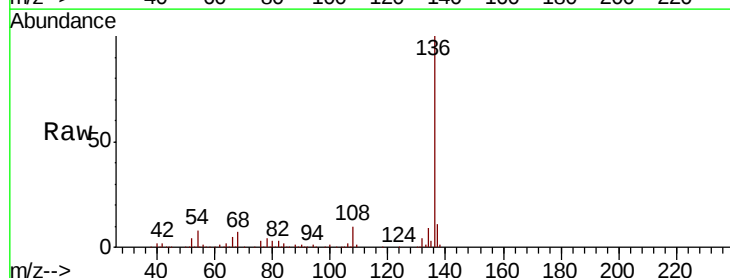
Ion Ratio Lower Upper

136 100

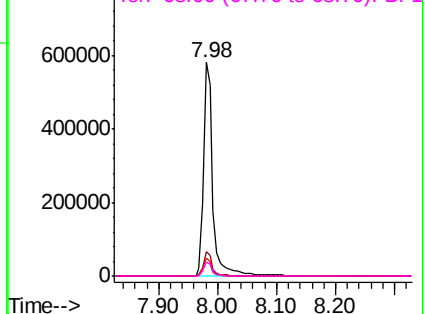
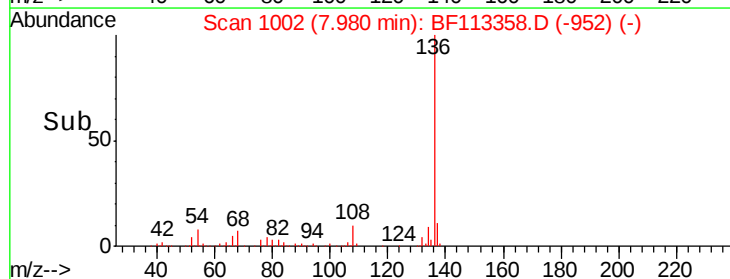
137 11.2 8.9 13.3

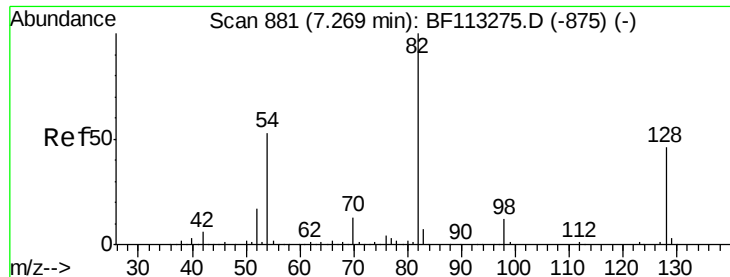
54 8.5 7.0 10.6

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

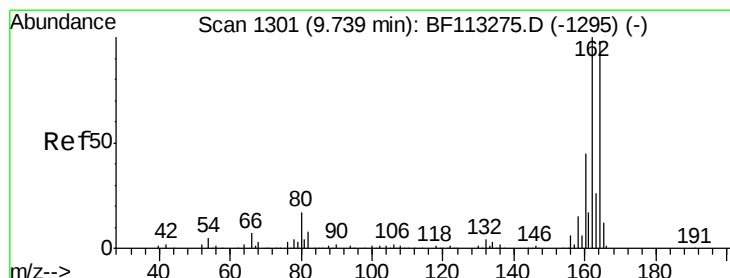
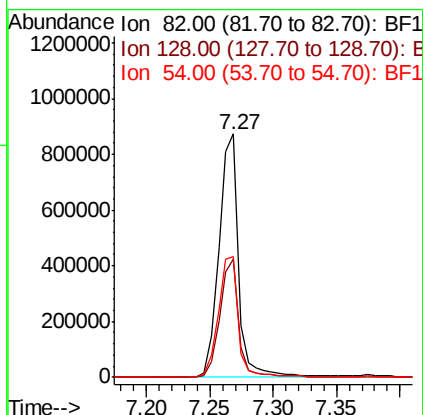
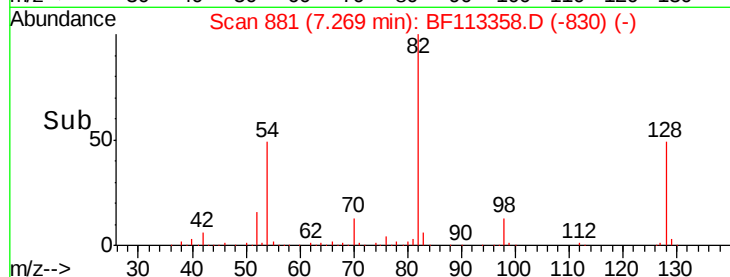
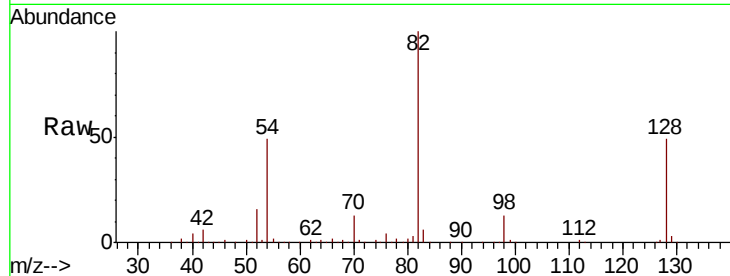




#23
 Nitrobenzene-d5
 Concen: 90.610 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113358.D
 Acq: 28 Mar 2019 5:29

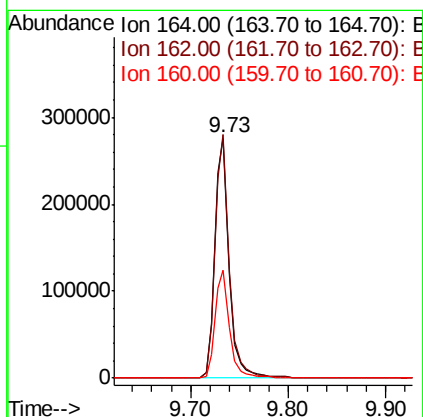
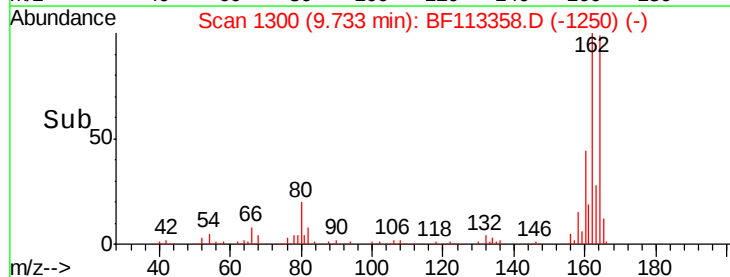
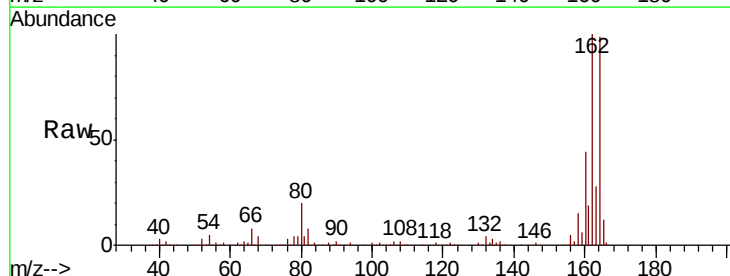
Instrument :
 BNA_F
 ClientSampleID :
 CS-20

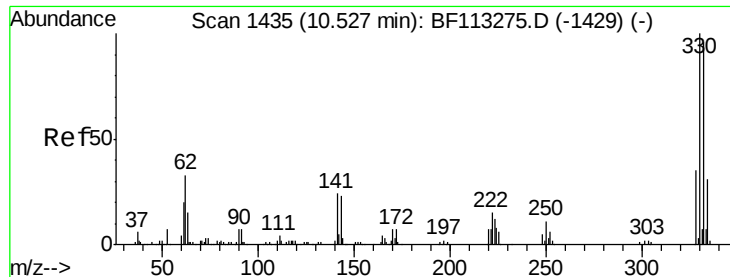
Tot Ion: 82 Resp: 950492
 Ion Ratio Lower Upper
 82 100
 128 48.6 36.5 54.7
 54 49.5 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113358.D
 Acq: 28 Mar 2019 5:29

Tgt Ion: 164 Resp: 280206
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.8 122.6
 160 44.7 36.4 54.6

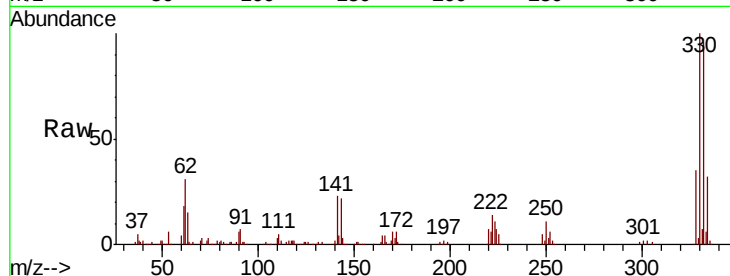




#42
 2,4,6-Tribromophenol
 Concen: 100.620 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113358.D
 Acq: 28 Mar 2019 5:29

Instrument :
 BNA_F
 ClientSampleId :
 CS-20

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.6
141	27.6	22.7	34.1

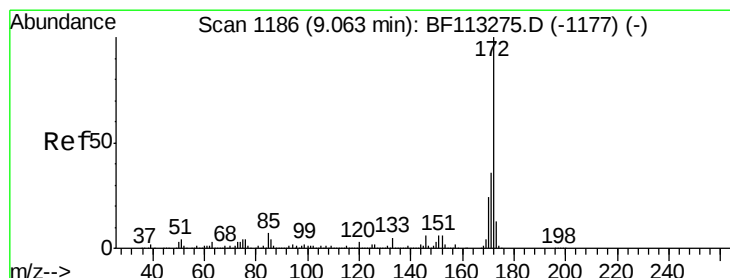
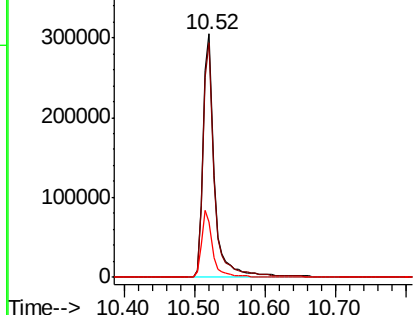
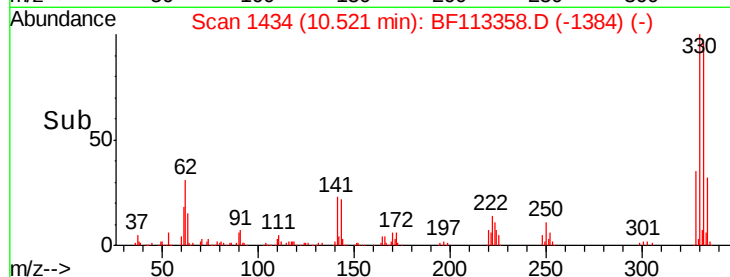


Abundance

Ion 329.80 (329.50 to 330.50): E

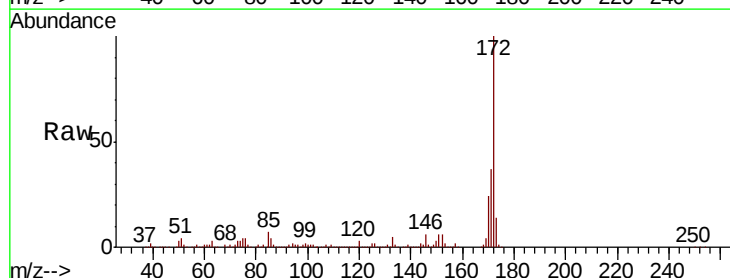
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.086 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113358.D
 Acq: 28 Mar 2019 5:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.6
170	24.4	19.5	29.3

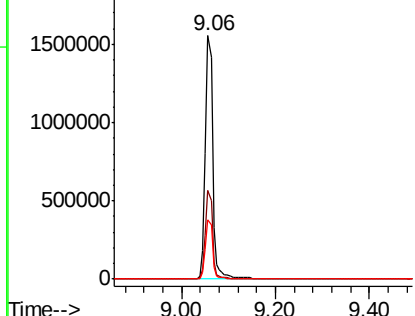
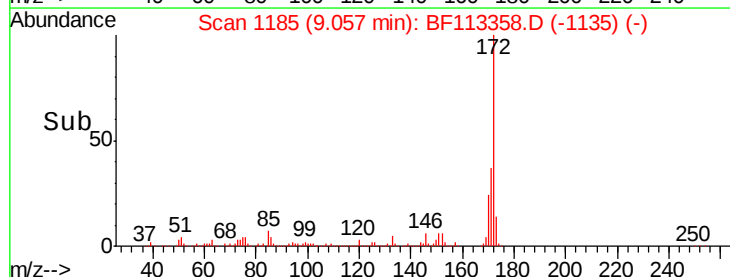


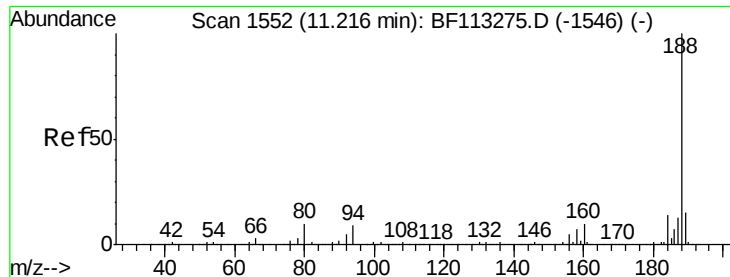
Abundance

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: BF113358.D

Acq: 28 Mar 2019 5:29

Instrument :

BNA_F

ClientSampleId :

CS-20

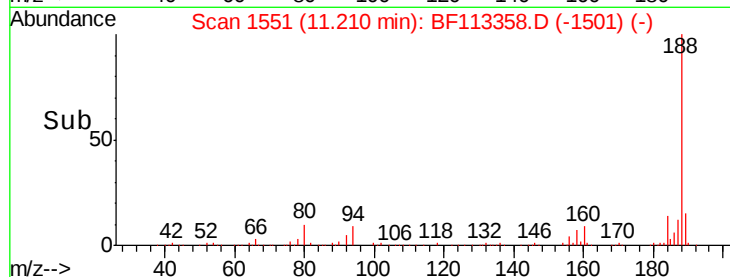
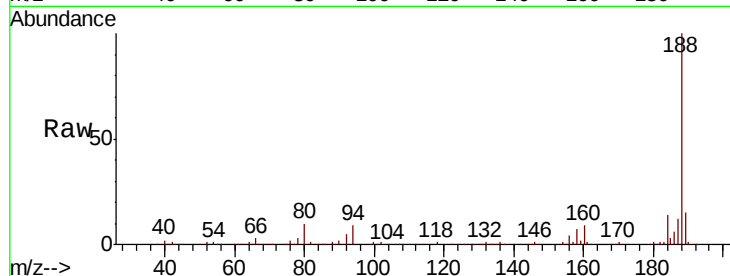
Tot Ion:188 Resp: 481368

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.6

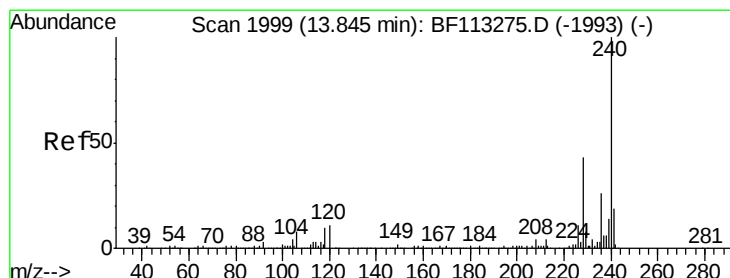
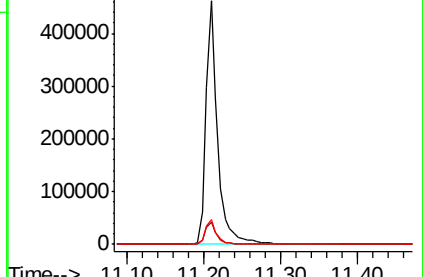
80 10.2 7.7 11.5



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: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

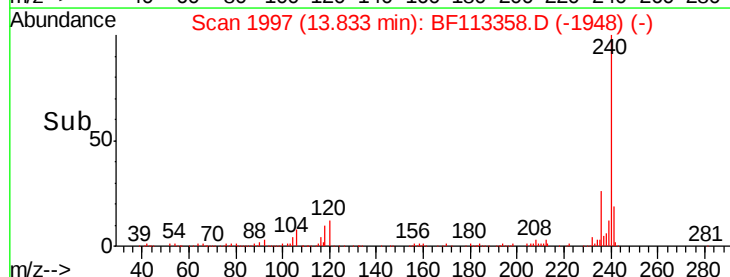
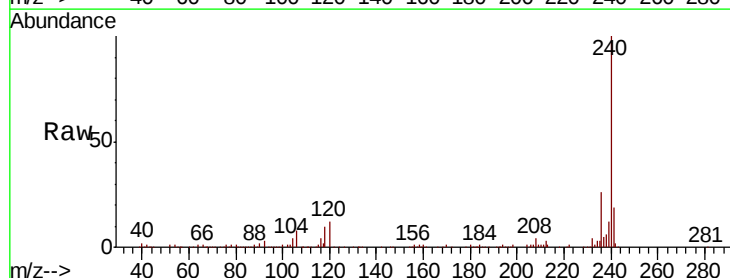
Tgt Ion:240 Resp: 409443

Ion Ratio Lower Upper

240 100

120 12.2 8.8 13.2

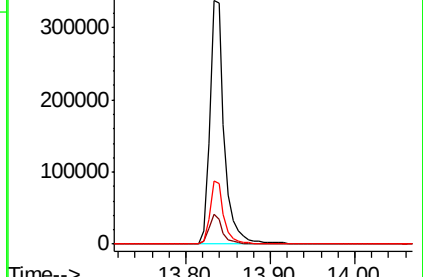
236 25.8 20.9 31.3

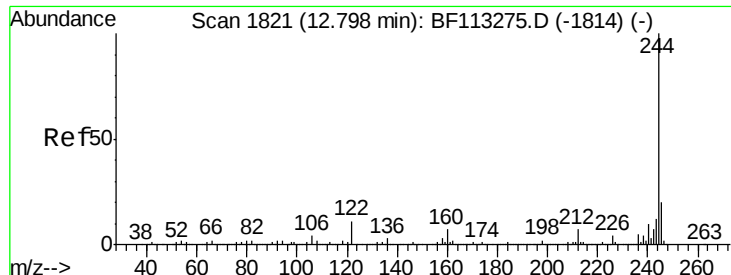


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.081 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF113358.D

Acq: 28 Mar 2019 5:29

Instrument :

BNA_F

ClientSampleId :

CS-20

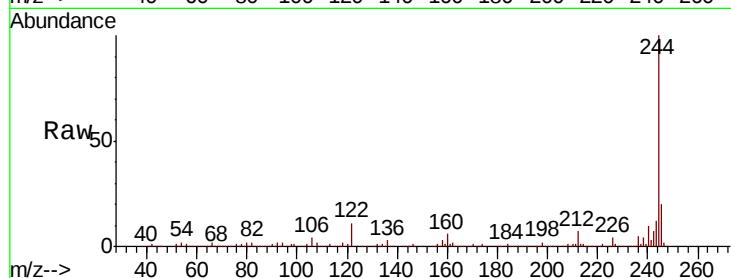
Tot Ion:244 Resp: 1543296

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

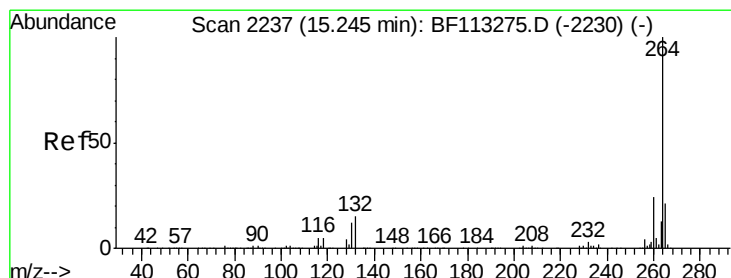
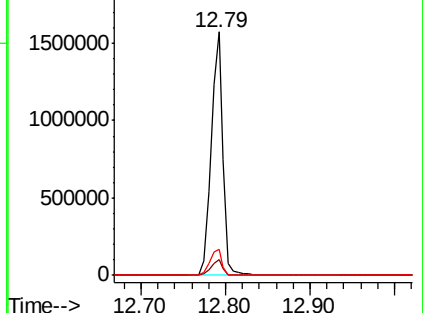
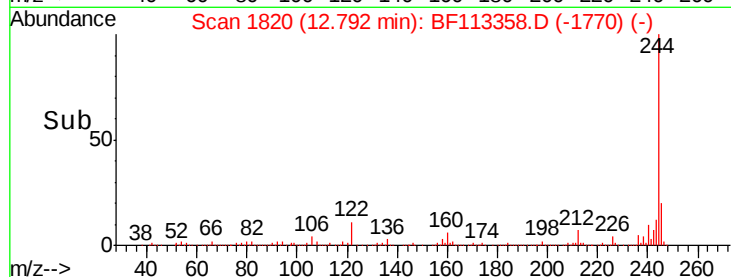
122 10.9 8.6 13.0



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: BF113358.D

Acq: 28 Mar 2019 5:29

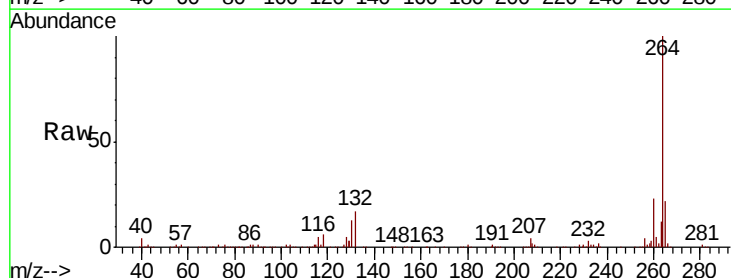
Tgt Ion:264 Resp: 314015

Ion Ratio Lower Upper

264 100

260 23.0 19.1 28.7

265 22.1 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

