

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113349.D
 Acq On : 28 Mar 2019 1:04
 Operator : JU/SJ
 Sample : K2086-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-11

Quant Time: Mar 28 04:39:51 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	169679	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	623991	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	282551	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	500226	20.00	ng	0.00
76) Chrysene-d12	13.84	240	410307	20.00	ng	0.00
87) Perylene-d12	15.24	264	350651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1211417	116.74	ng	0.02
7) Phenol-d6	6.36	99	1424144	108.48	ng	0.00
23) Nitrobenzene-d5	7.27	82	1015011	96.55	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	445293	127.59	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1737790	99.38	ng	0.00
79) Terphenyl-d14	12.79	244	1661943	89.28	ng	0.00

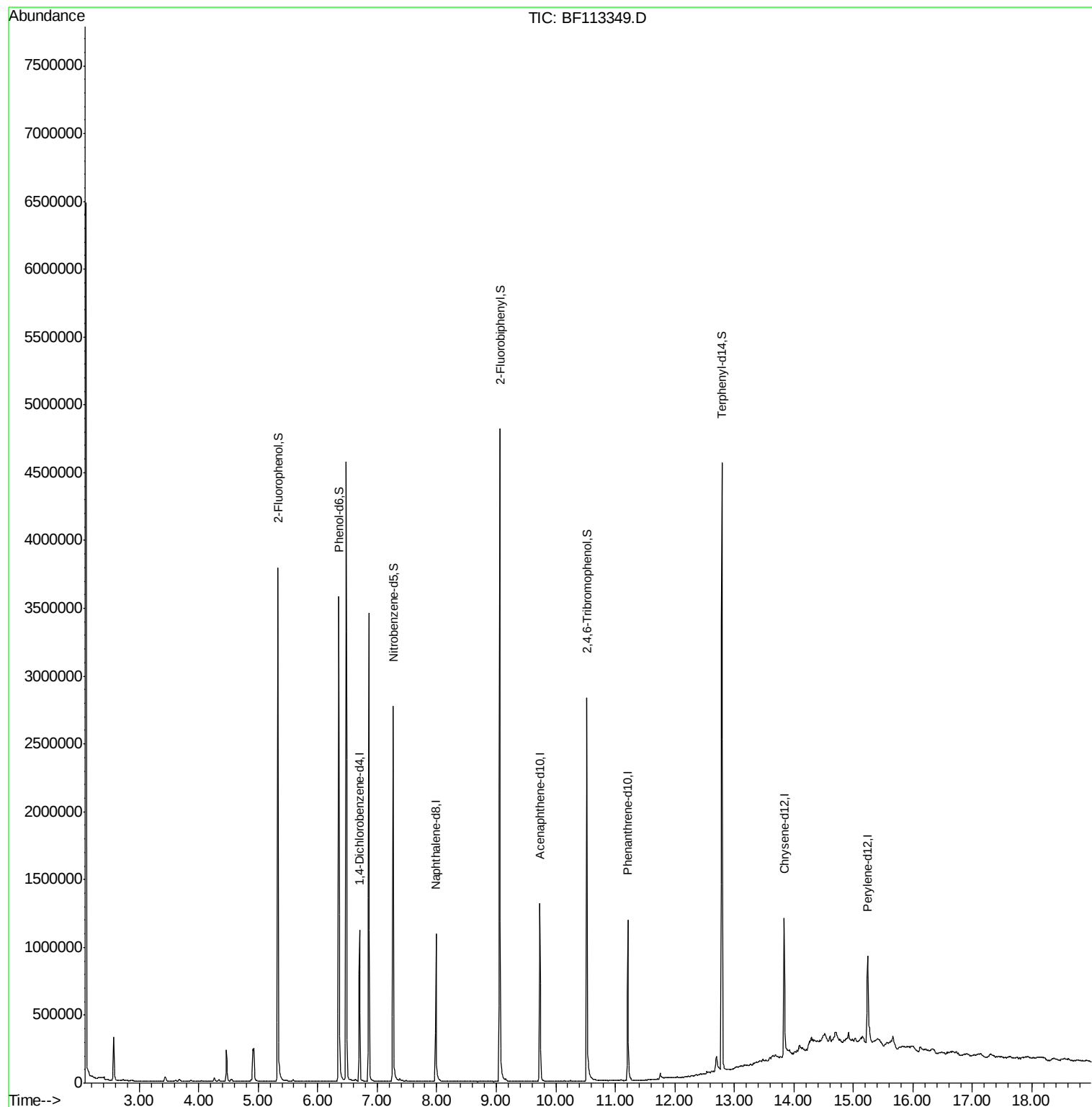
Target Compounds Qvalue

(#) = 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: BF113349.D

Acq: 28 Mar 2019 1:04

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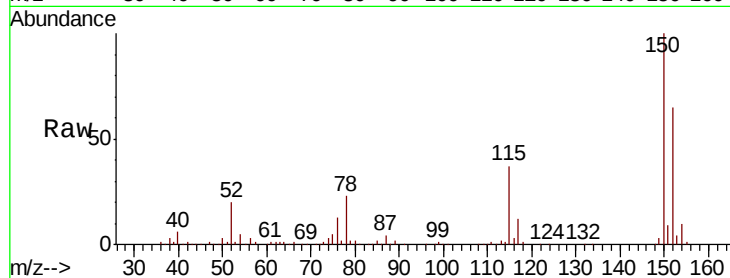
Tot Ion:152 Resp: 169679

Ion Ratio Lower Upper

152 100

150 154.1 124.7 187.1

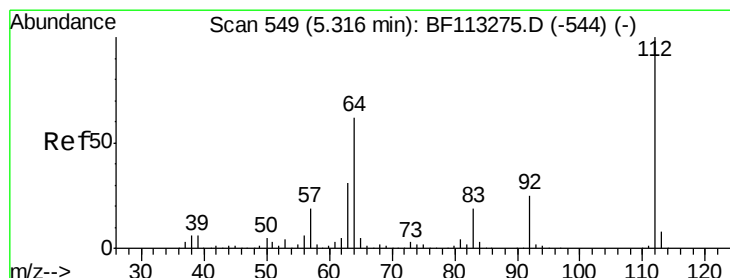
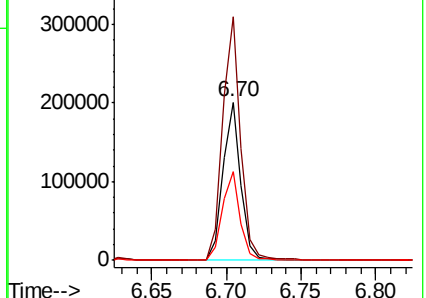
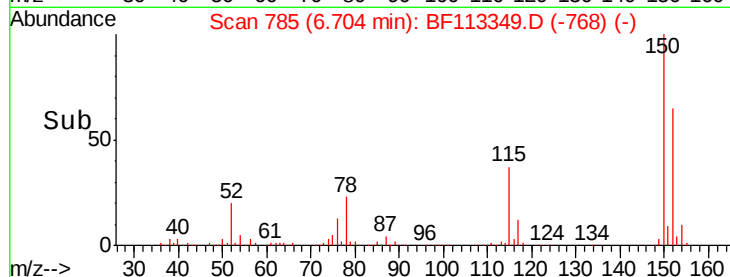
115 56.5 46.0 69.0



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: 116.739 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF113349.D

Acq: 28 Mar 2019 1:04

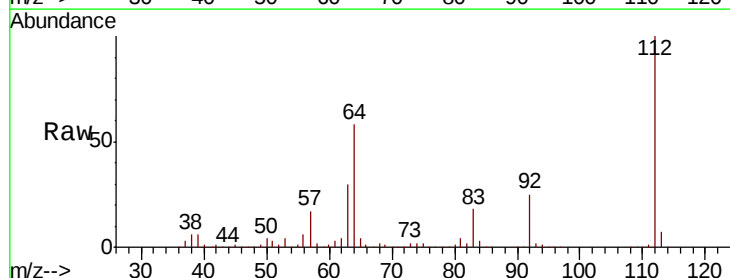
Tgt Ion:112 Resp: 1211417

Ion Ratio Lower Upper

112 100

64 58.0 49.2 73.8

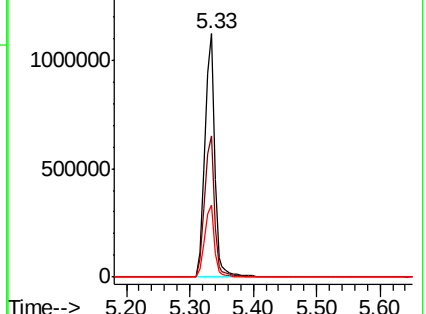
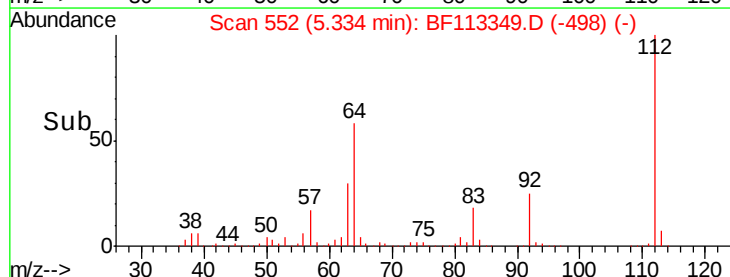
63 29.6 24.9 37.3



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: 108.484 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113349.D

Acq: 28 Mar 2019 1:04

Instrument :

BNA_F

ClientSampleId :

CS-11

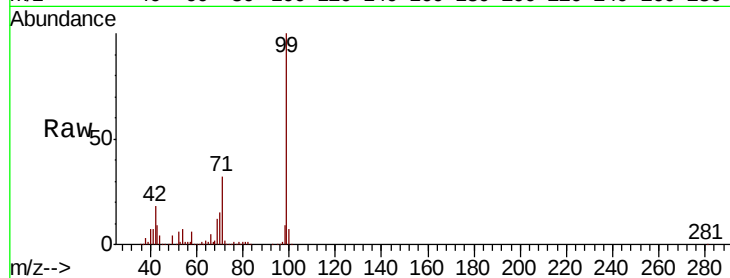
Tot Ion: 99 Resp: 1424144

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

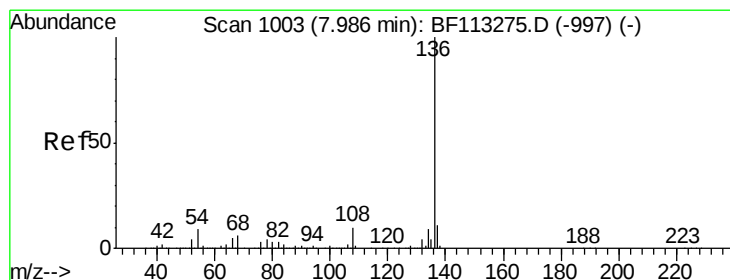
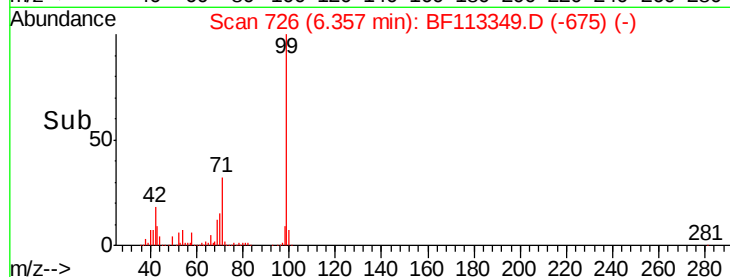
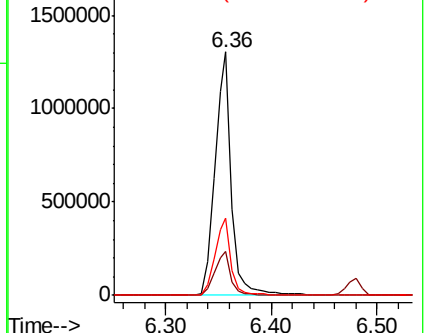
71 31.6 24.9 37.3



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: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF113349.D

Acq: 28 Mar 2019 1:04

Tgt Ion: 136 Resp: 623991

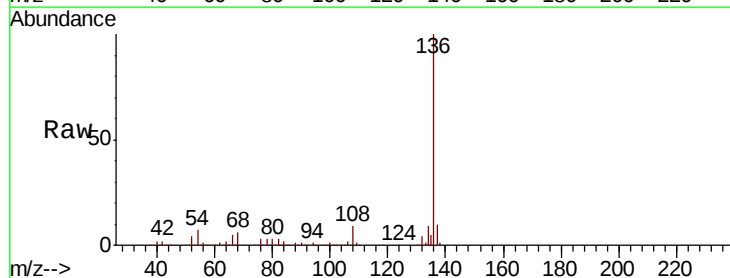
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.2 7.0 10.6

68 5.5 4.8 7.2

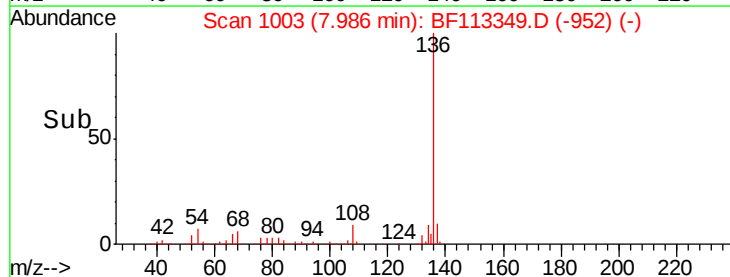
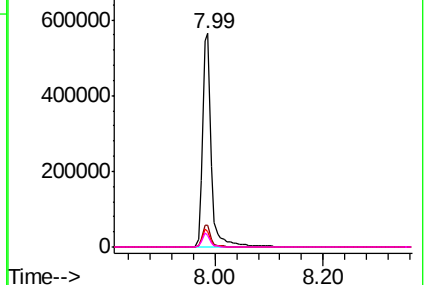


Abundance Ion 136.00 (135.70 to 136.70): E

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

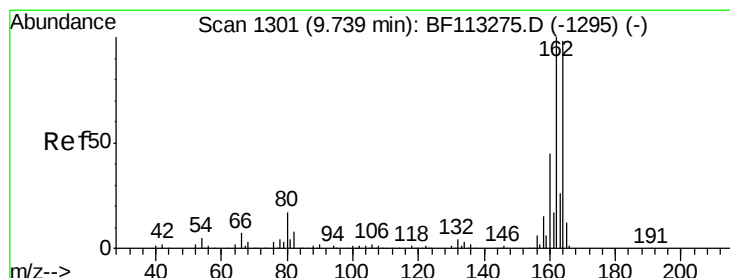
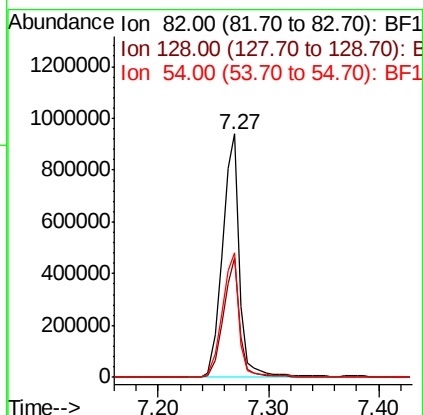
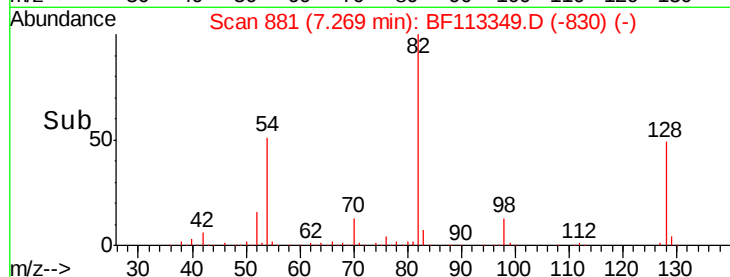
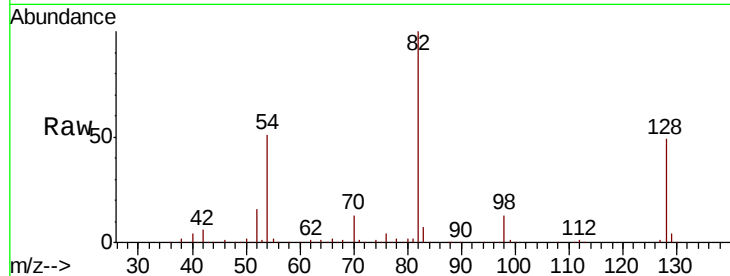




#23
Nitrobenzene-d5
Concen: 96.548 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF113349.D
Acq: 28 Mar 2019 1:04

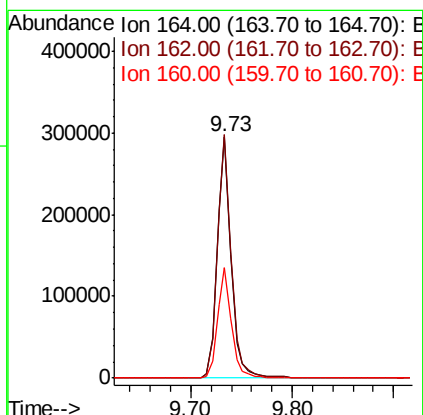
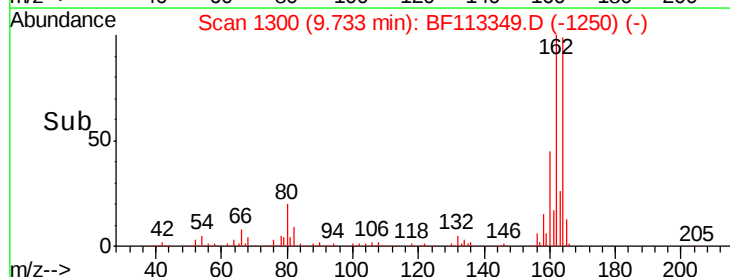
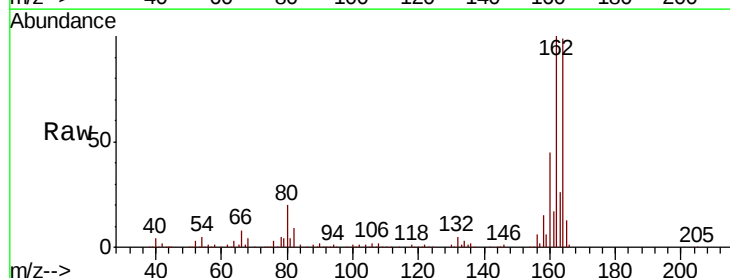
Instrument :
BNA_F
ClientSampleId :
CS-11

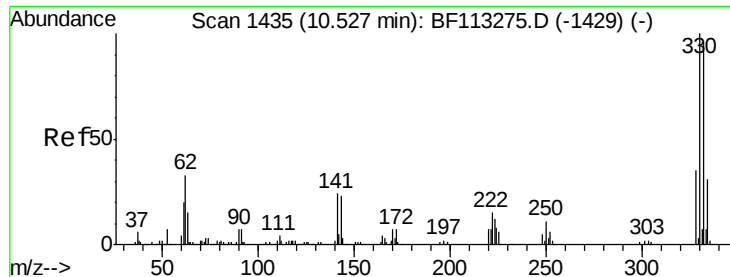
Tot Ion: 82 Resp: 1015011
Ion Ratio Lower Upper
82 100
128 49.2 36.5 54.7
54 51.2 42.2 63.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113349.D
Acq: 28 Mar 2019 1:04

Tgt Ion: 164 Resp: 282551
Ion Ratio Lower Upper
164 100
162 100.8 81.8 122.6
160 45.7 36.4 54.6

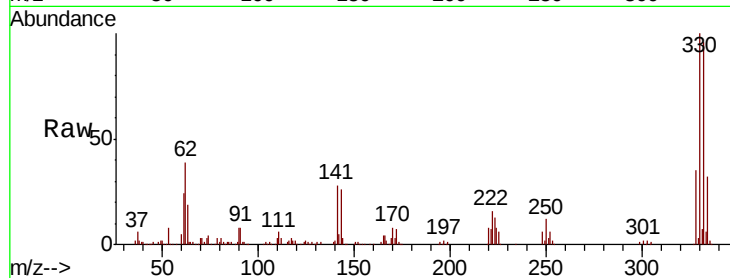




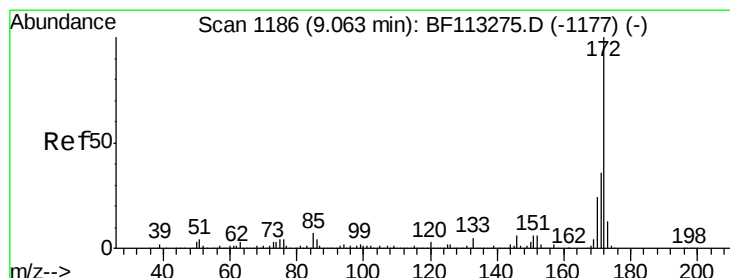
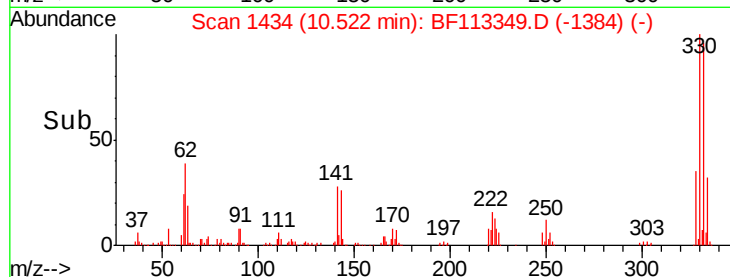
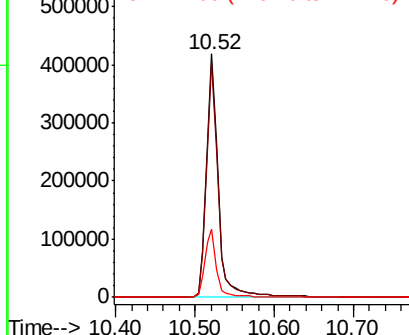
#42
 2,4,6-Tribromophenol
 Concen: 127.586 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113349.D
 Acq: 28 Mar 2019 1:04

Instrument :
 BNA_F
 ClientSampleId :
 CS-11

Tot Ion:330 Resp: 445293
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.8 116.6
 141 27.8 22.7 34.1

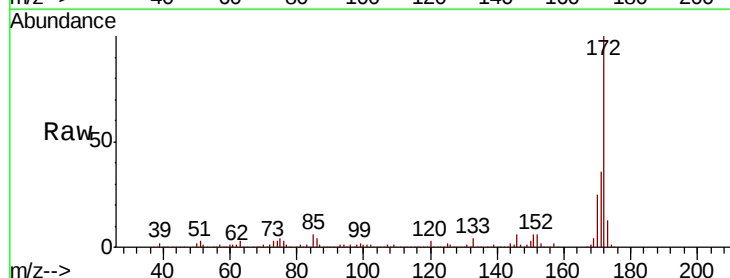


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

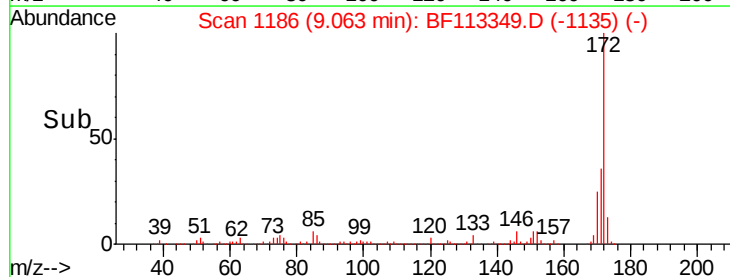
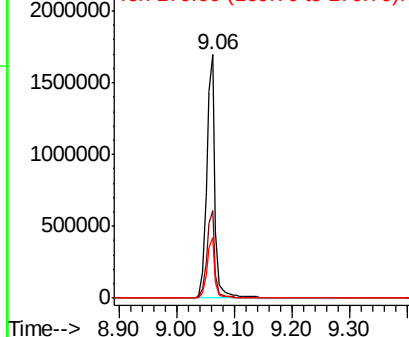


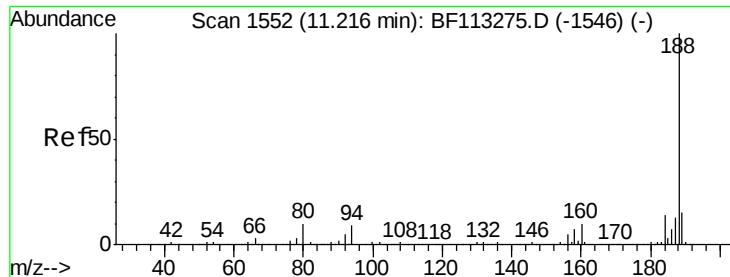
#45
 2-Fluorobiphenyl
 Concen: 99.383 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113349.D
 Acq: 28 Mar 2019 1:04

Tgt Ion:172 Resp: 1737790
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.6 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

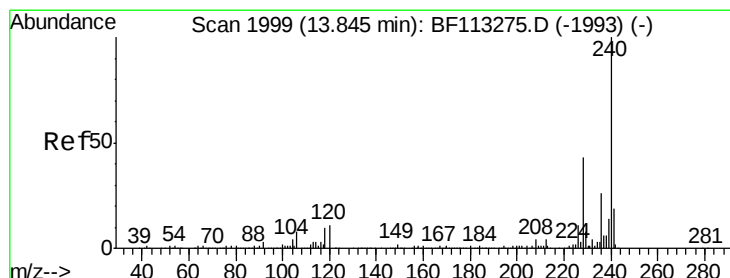
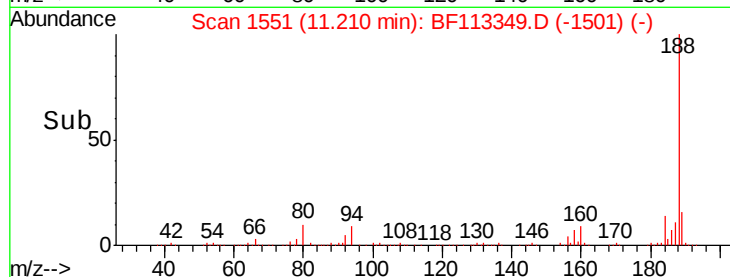
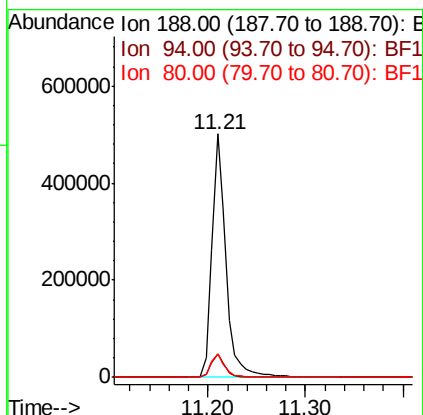
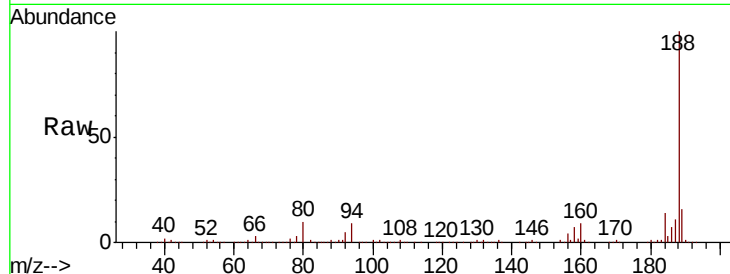




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113349.D
Acq: 28 Mar 2019 1:04

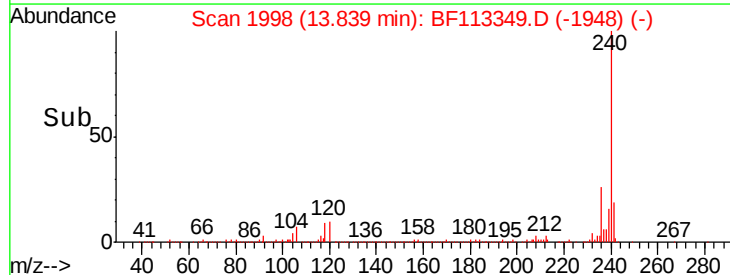
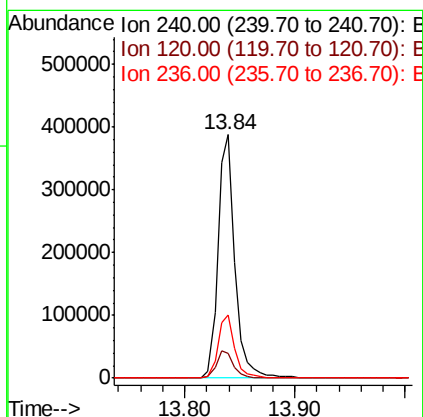
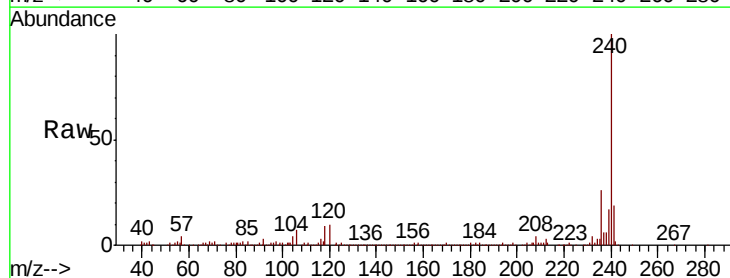
Instrument :
BNA_F
ClientSampleId :
CS-11

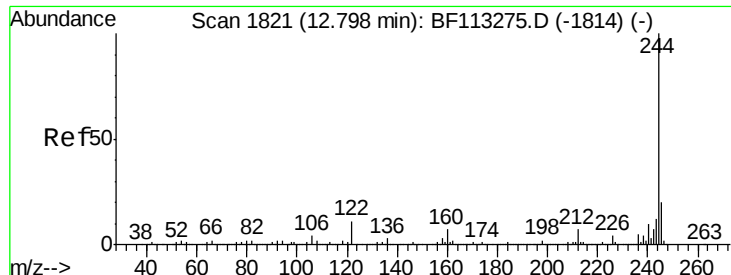
Tot Ion:188 Resp: 500226
Ion Ratio Lower Upper
188 100
94 9.5 7.0 10.6
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113349.D
Acq: 28 Mar 2019 1:04

Tgt Ion:240 Resp: 410307
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.8 20.9 31.3

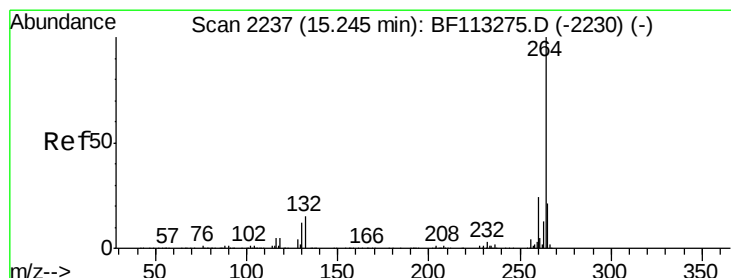
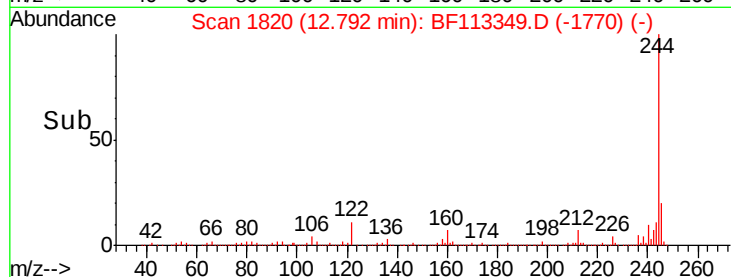
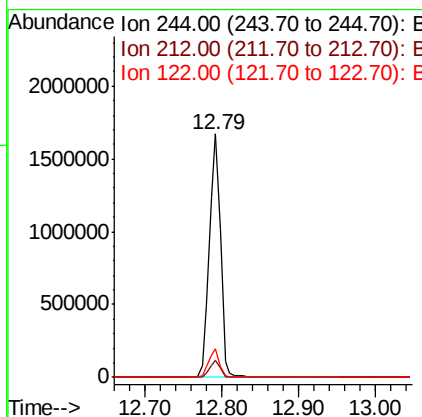
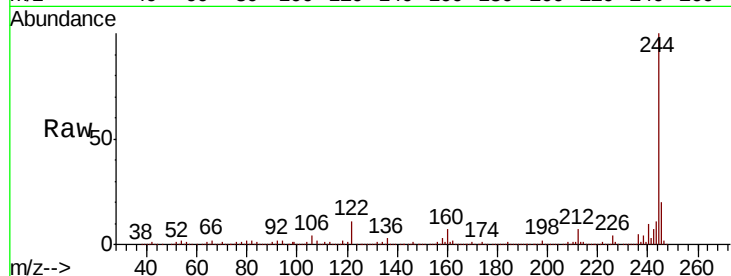




#79
 Terphenyl-d14
 Concen: 89.280 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113349.D
 Acq: 28 Mar 2019 1:04

Instrument :
 BNA_F
 ClientSampleId :
 CS-11

Tot Ion:244 Resp: 1661943
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.5 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: BF113349.D
 Acq: 28 Mar 2019 1:04

Tgt Ion:264 Resp: 350651
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.9 17.1 25.7

