

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113354.D
 Acq On : 28 Mar 2019 3:35
 Operator : JU/SJ
 Sample : K2086-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-14

Quant Time: Mar 28 04:44:11 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	166967	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	622112	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	284936	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	512721	20.00	ng	0.00
76) Chrysene-d12	13.83	240	425003	20.00	ng	-0.01
87) Perylene-d12	15.24	264	333372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1122092	109.89	ng	0.02
7) Phenol-d6	6.35	99	1293468	100.13	ng	0.00
23) Nitrobenzene-d5	7.27	82	972207	92.76	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	415073	117.93	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1701435	95.84	ng	0.00
79) Terphenyl-d14	12.79	244	1700595	88.20	ng	0.00

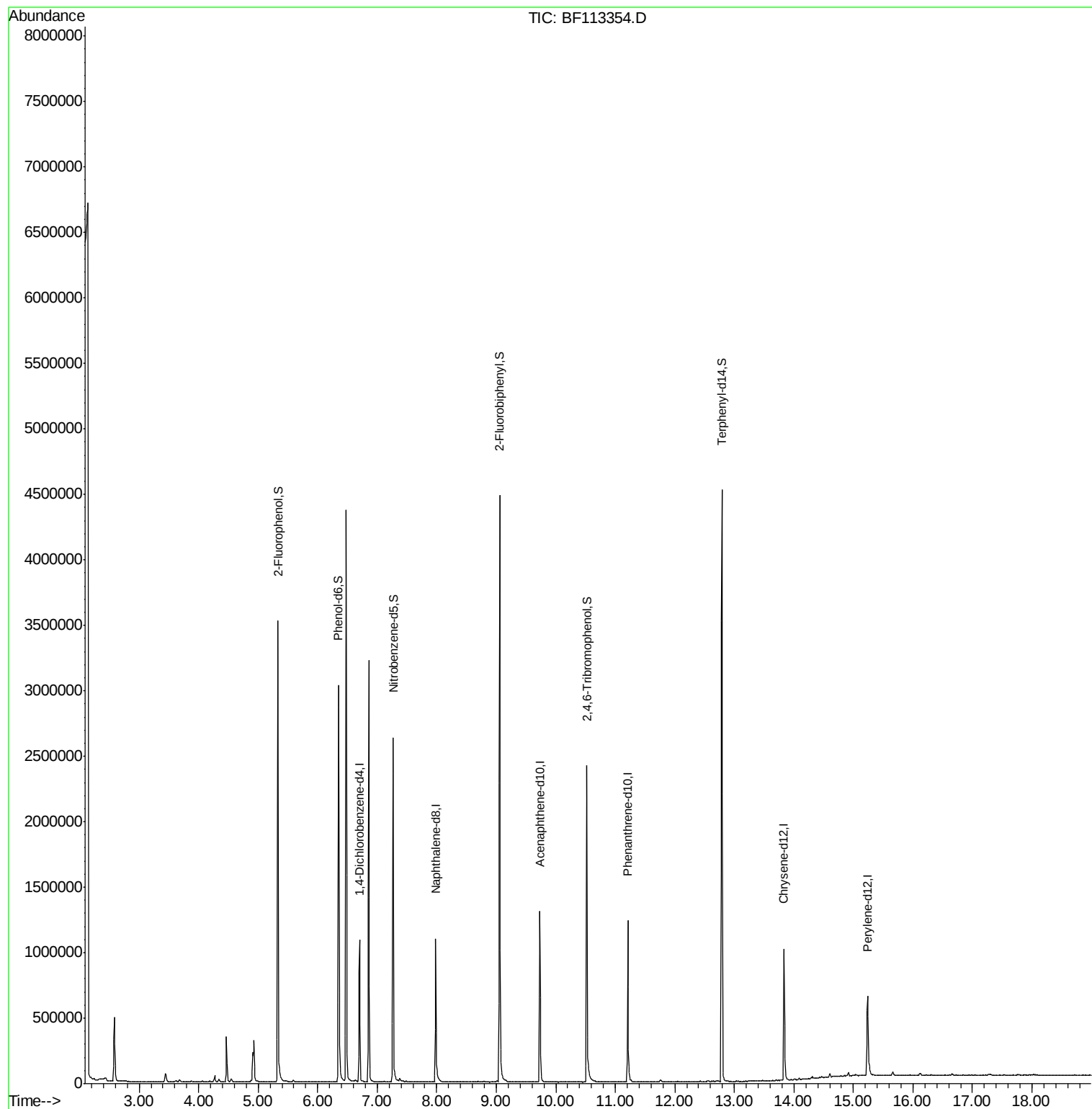
Target Compounds Qvalue

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

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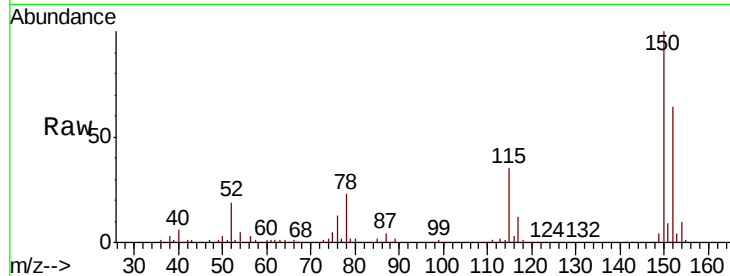


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Instrument :
 BNA_F
 ClientSampleId :
 CS-14

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.7	187.1
115	55.2	46.0	69.0

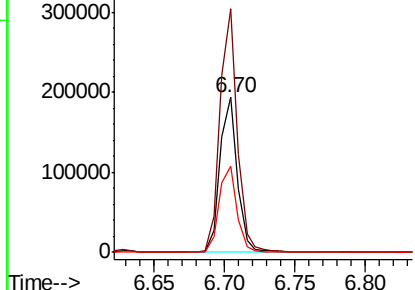
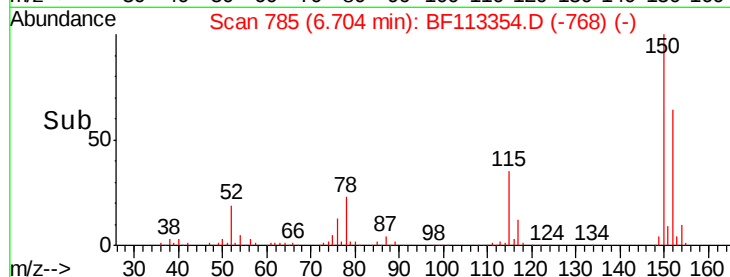


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

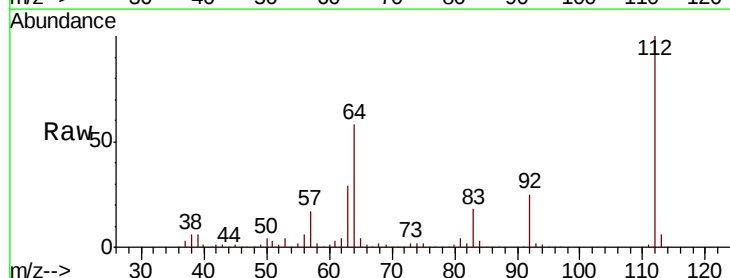
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 109.887 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.02 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	49.2	73.8
63	29.1	24.9	37.3

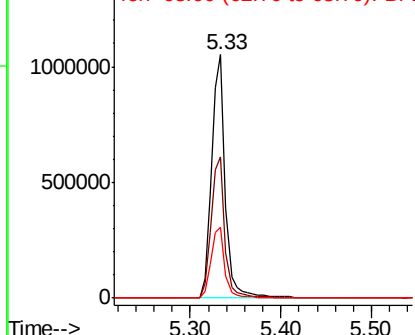
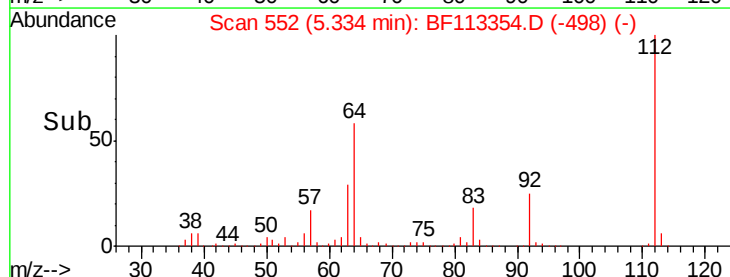


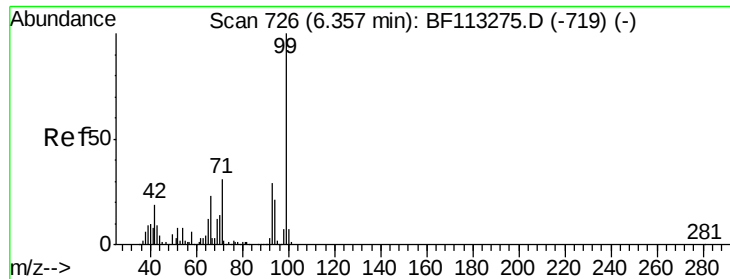
Abundance

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: 100.130 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113354.D

Acq: 28 Mar 2019 3:35

Instrument :

BNA_F

ClientSampled :

CS-14

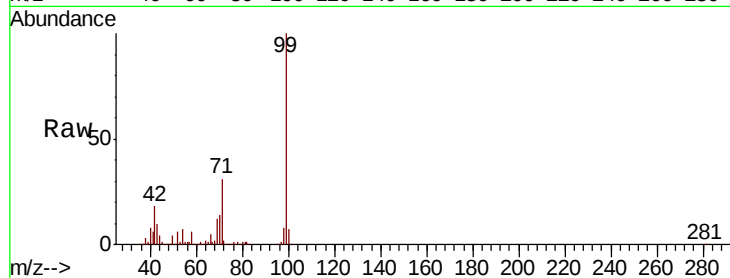
Tot Ion: 99 Resp: 1293468

Ion Ratio Lower Upper

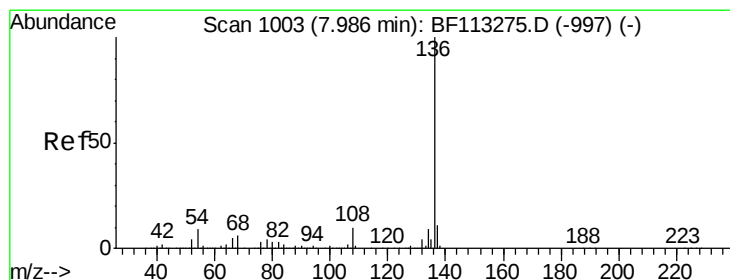
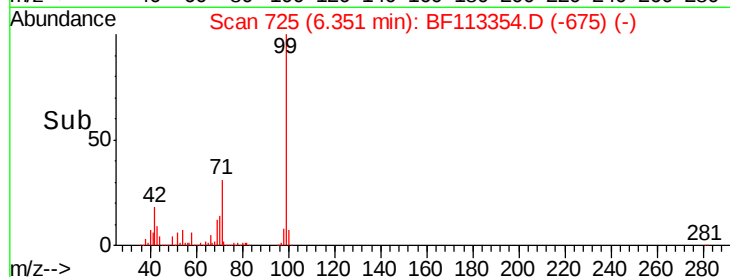
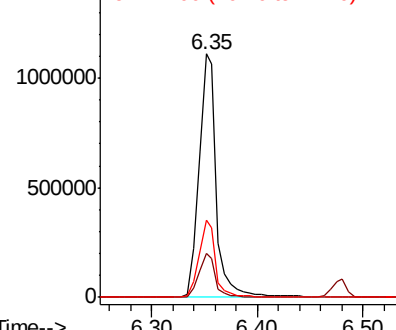
99 100

42 18.2 14.8 22.2

71 31.5 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 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: BF113354.D

Acq: 28 Mar 2019 3:35

Tgt Ion: 136 Resp: 622112

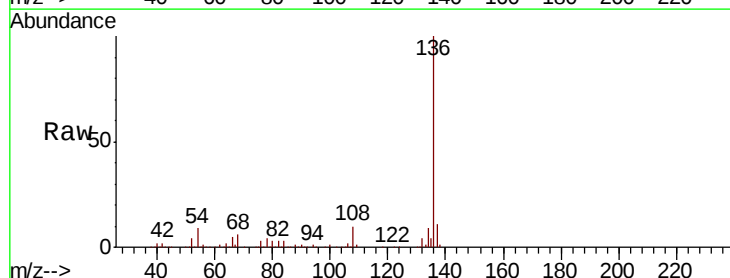
Ion Ratio Lower Upper

136 100

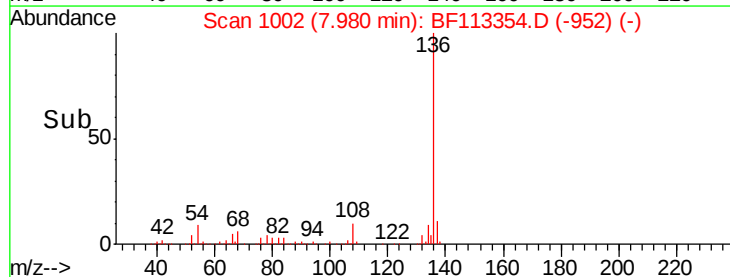
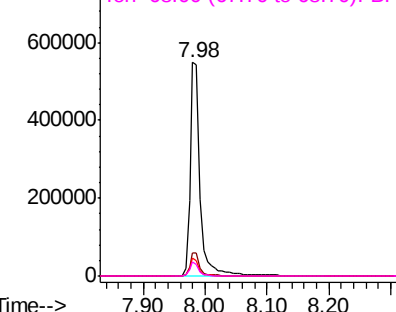
137 10.9 8.9 13.3

54 8.7 7.0 10.6

68 6.4 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

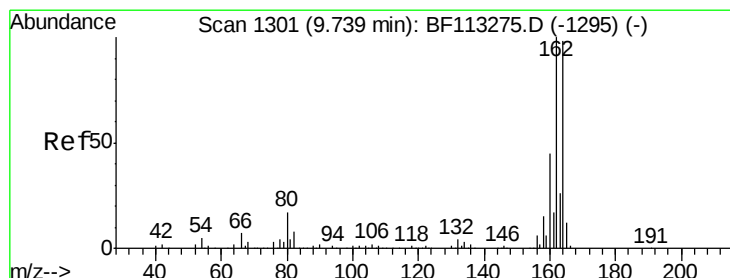
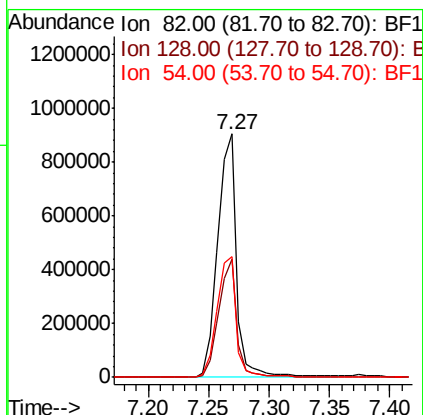
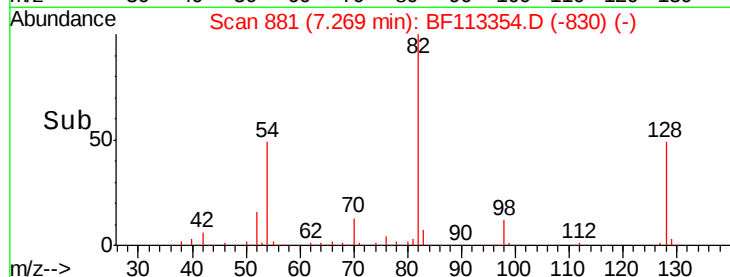
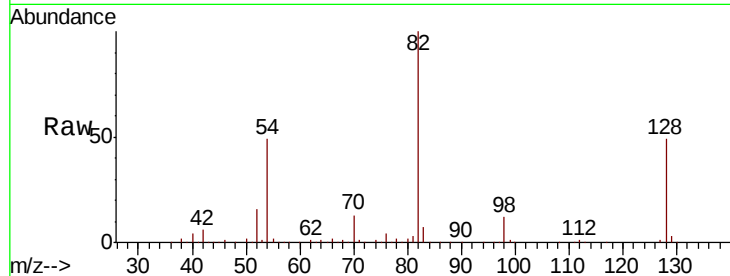




#23
 Nitrobenzene-d5
 Concen: 92.756 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

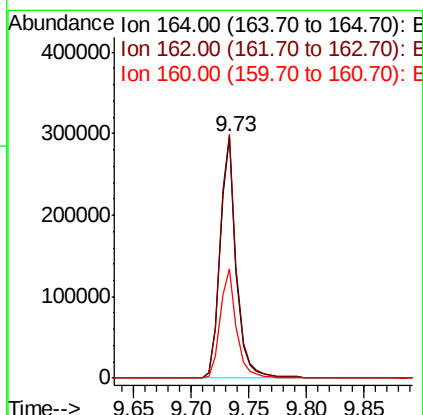
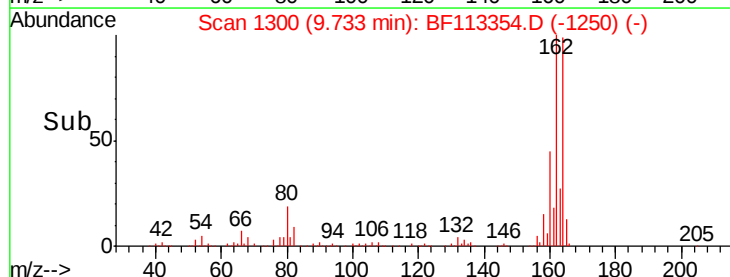
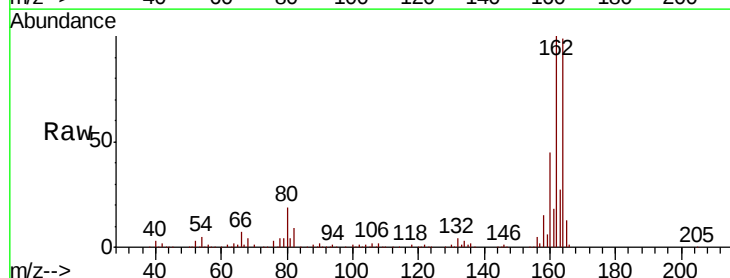
Instrument :
 BNA_F
 ClientSampleID :
 CS-14

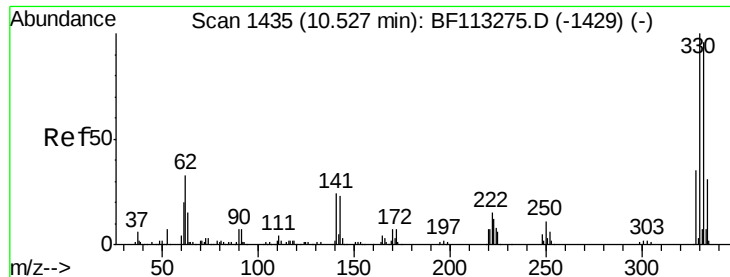
Tot Ion: 82 Resp: 972207
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.5 54.7
 54 49.5 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Tgt Ion:164 Resp: 284936
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.8 122.6
 160 45.5 36.4 54.6

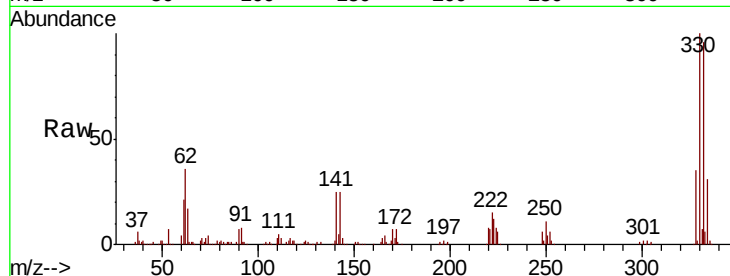




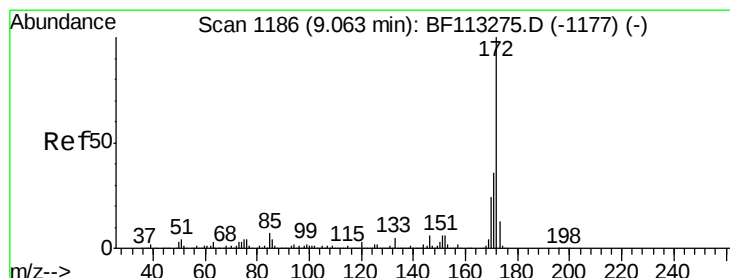
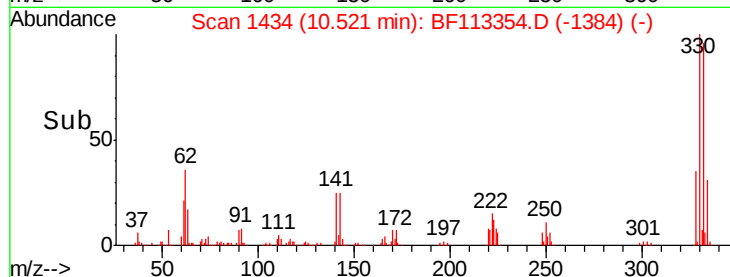
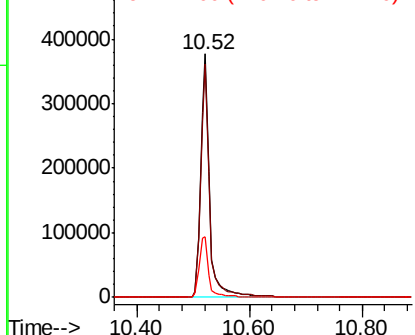
#42
 2,4,6-Tribromophenol
 Concen: 117.932 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Instrument :
 BNA_F
 ClientSampleId :
 CS-14

Tot Ion:330 Resp: 415073
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.8 116.6
 141 26.9 22.7 34.1

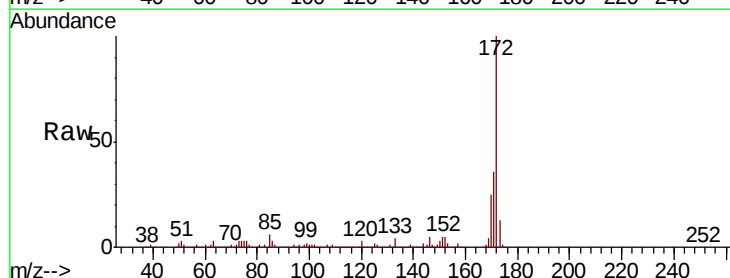


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

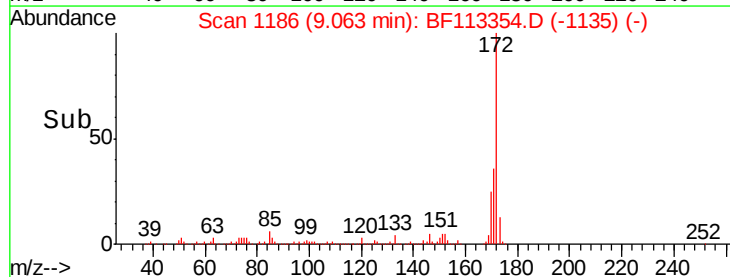
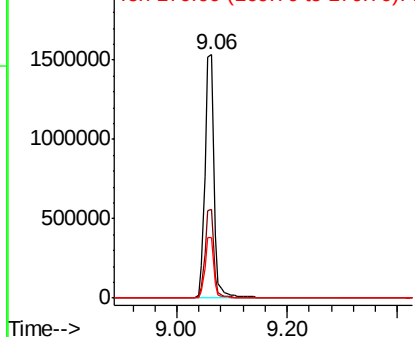


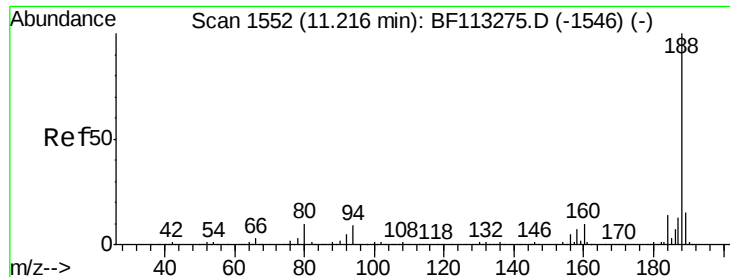
#45
 2-Fluorobiphenyl
 Concen: 95.841 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Tgt Ion:172 Resp: 1701435
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.9 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

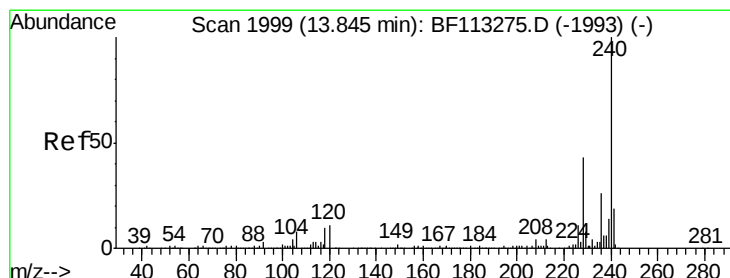
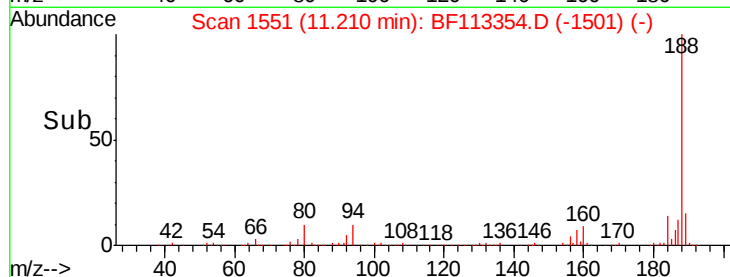
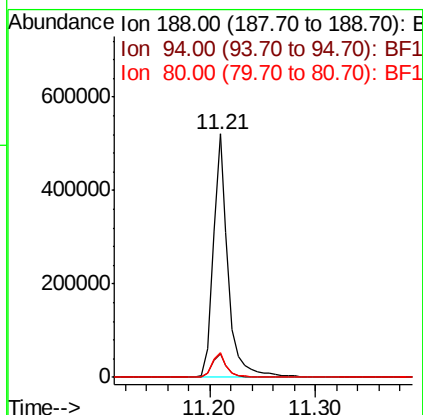
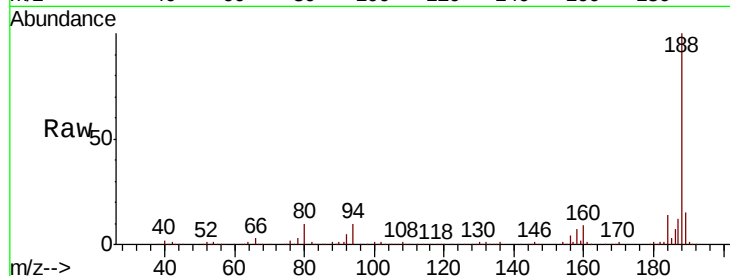




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113354.D
Acq: 28 Mar 2019 3:35

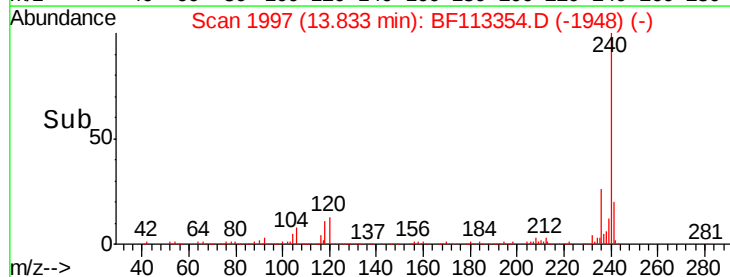
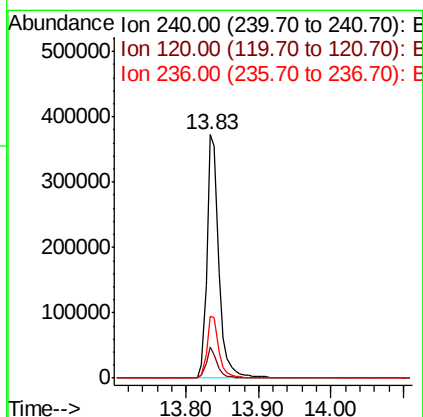
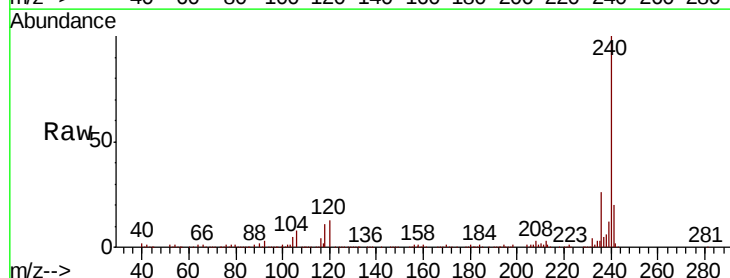
Instrument :
BNA_F
ClientSampleId :
CS-14

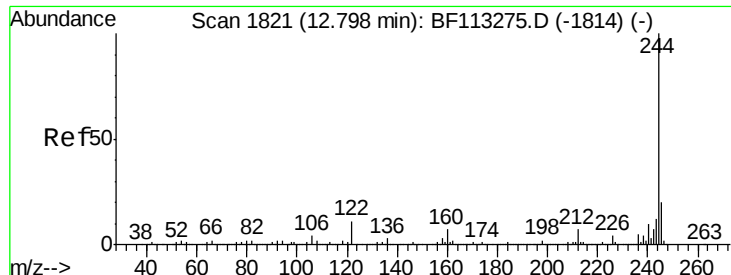
Tot Ion:188 Resp: 512721
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113354.D
Acq: 28 Mar 2019 3:35

Tgt Ion:240 Resp: 425003
Ion Ratio Lower Upper
240 100
120 12.7 8.8 13.2
236 25.5 20.9 31.3

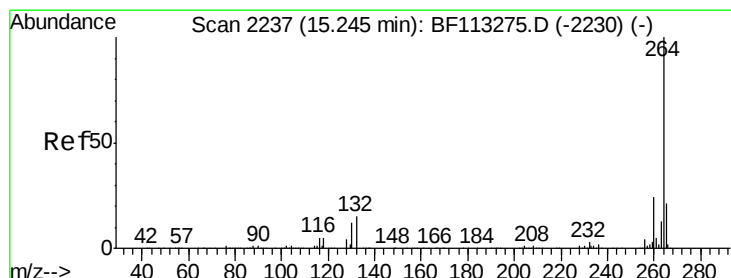
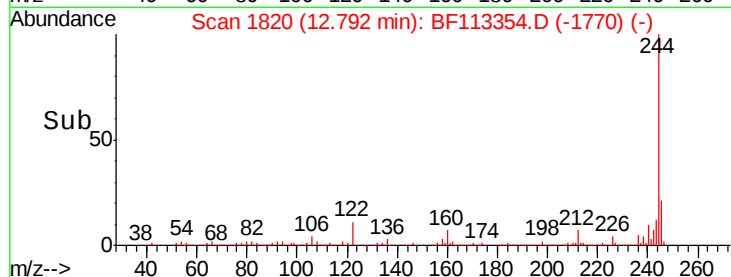
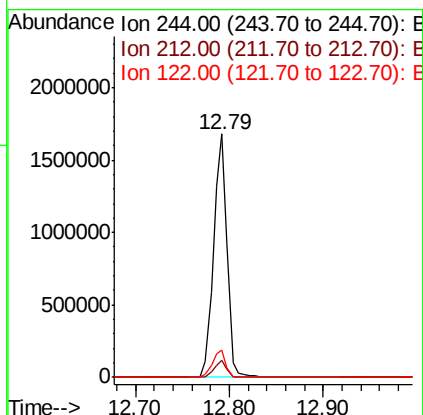
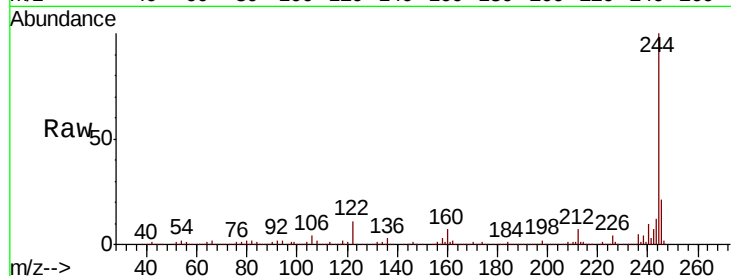




#79
 Terphenyl-d14
 Concen: 88.197 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113354.D
 Acq: 28 Mar 2019 3:35

Instrument :
 BNA_F
 ClientSampleId :
 CS-14

Tot Ion:244 Resp: 1700595
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.2 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: BF113354.D
 Acq: 28 Mar 2019 3:35

Tgt Ion:264 Resp: 333372
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.1 28.7
 265 21.5 17.1 25.7

