

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113534.D
 Acq On : 3 Apr 2019 6:17
 Operator : JU/SJ
 Sample : K2056-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-7

Quant Time: Apr 03 08:25:50 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	6.69	152	144604	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	509328	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	216960	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	372074	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	390241	20.00	ng	-0.01
87) Perylene-d12	15.24	264	293298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	855323	96.72	ng	0.00
7) Phenol-d6	6.35	99	974089	87.07	ng	-0.01
23) Nitrobenzene-d5	7.26	82	713066	83.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.51	330	294184	109.77	ng	-0.02
45) 2-Fluorobiphenyl	9.05	172	1263105	92.89	ng	-0.02
79) Terphenyl-d14	12.78	244	1300208	73.44	ng	-0.02

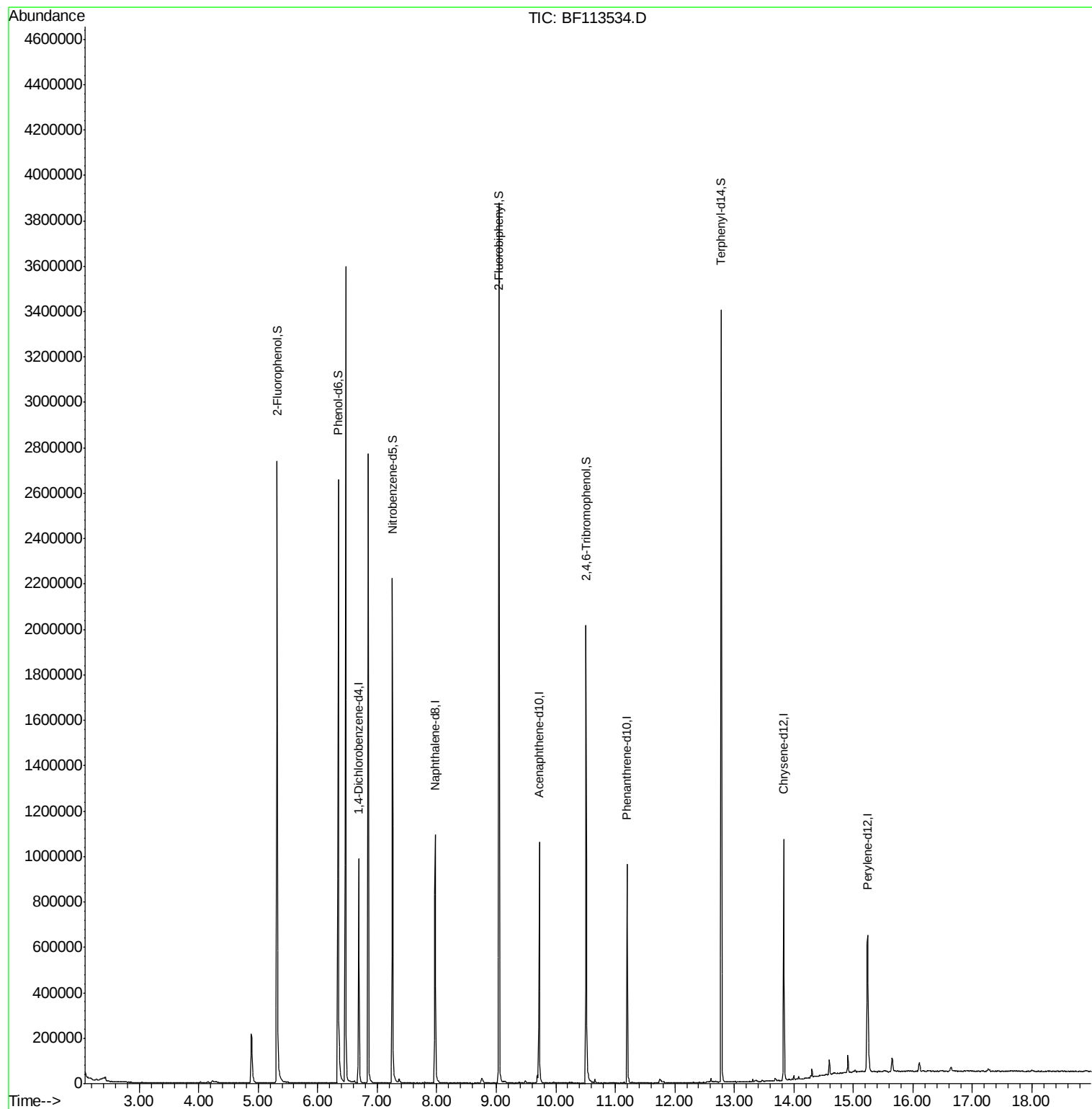
Target Compounds	Qvalue
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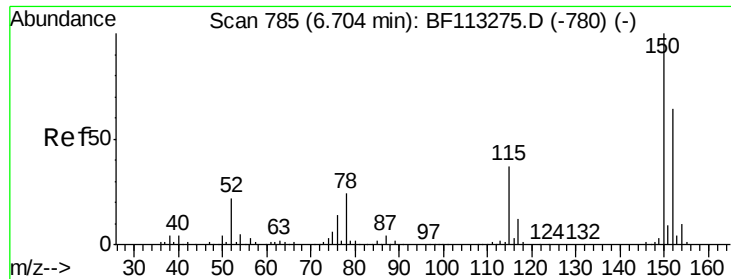
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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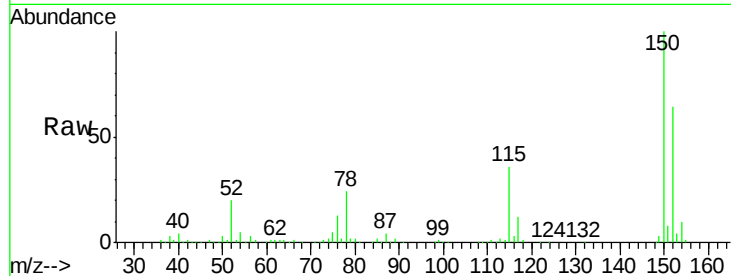




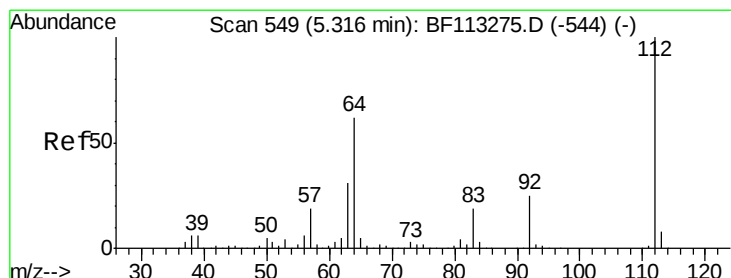
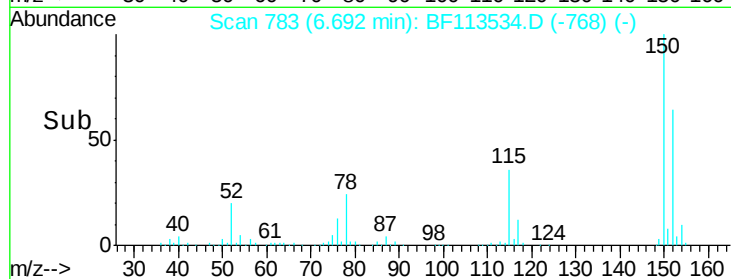
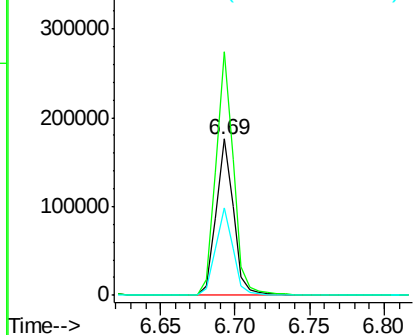
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113534.D
 Acq: 3 Apr 2019 6:17

Instrument :
 BNA_F
 ClientSampleId :
 CS-7

Tgt Ion:152 Resp: 144604
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.7 187.1
 115 56.0 46.0 69.0

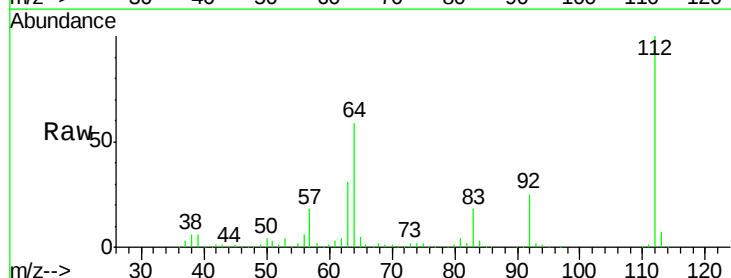


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

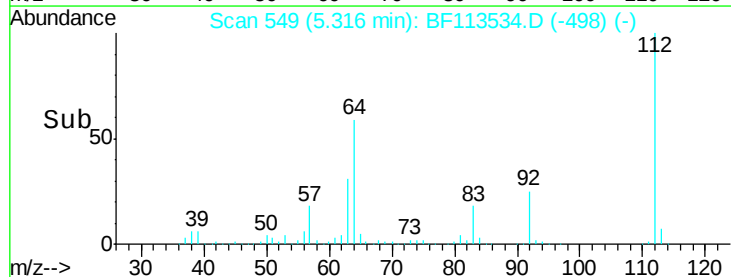
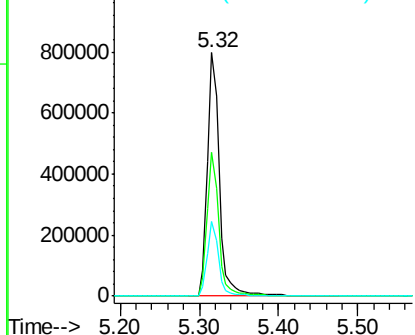


#5
 2-Fluorophenol
 Concen: 96.716 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF113534.D
 Acq: 3 Apr 2019 6:17

Tgt Ion:112 Resp: 855323
 Ion Ratio Lower Upper
 112 100
 64 59.3 49.2 73.8
 63 30.5 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: 87.068 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113534.D

Acq: 3 Apr 2019 6:17

Instrument :

BNA_F

ClientSampleId :

CS-7

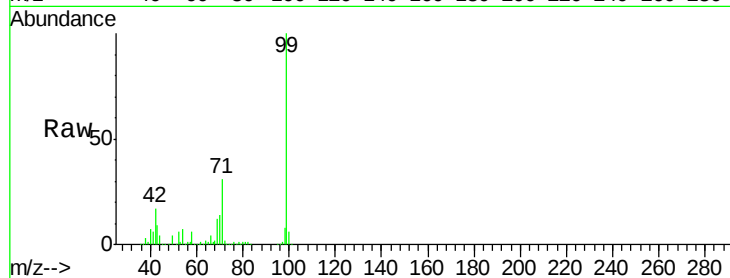
Tgt Ion: 99 Resp: 974089

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

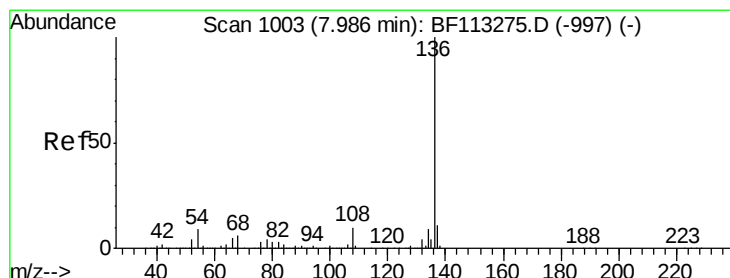
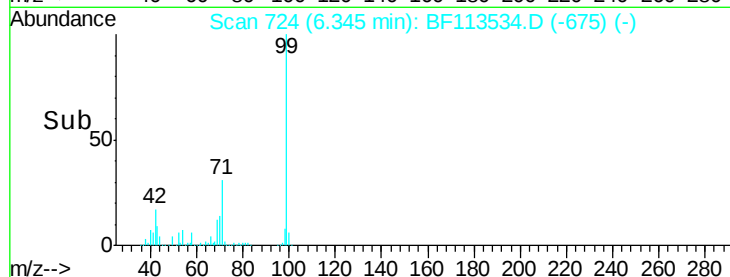
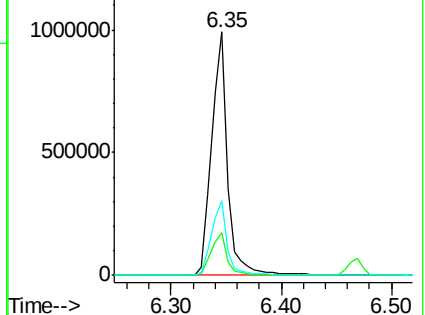
71 30.6 24.9 37.3



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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF113534.D

Acq: 3 Apr 2019 6:17

Tgt Ion: 136 Resp: 509328

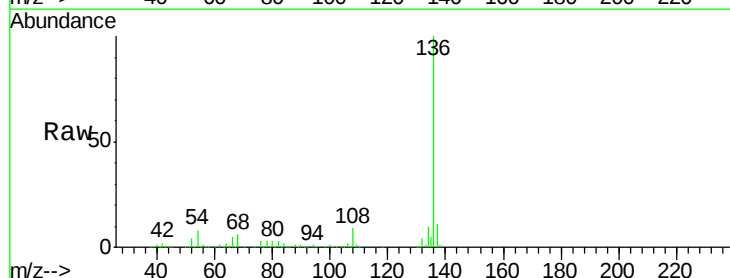
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.8 7.0 10.6

68 6.0 4.8 7.2

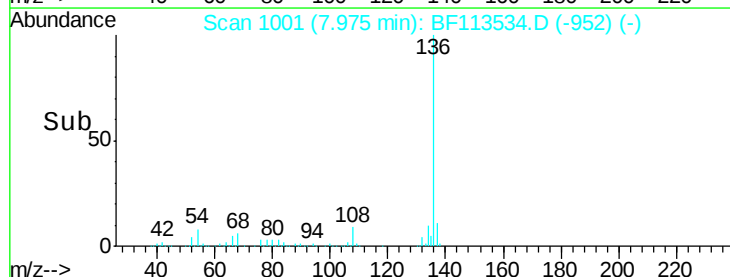
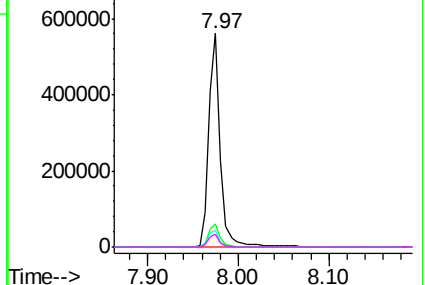


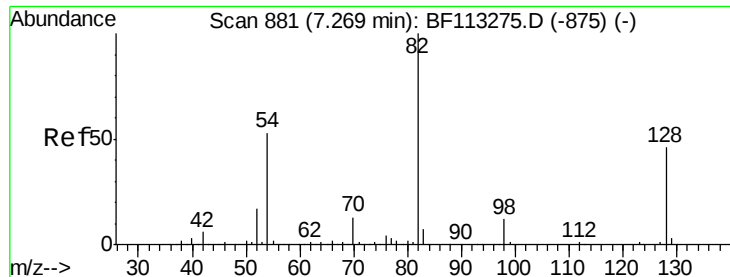
Abundance Ion 136.00 (135.70 to 136.70): E

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

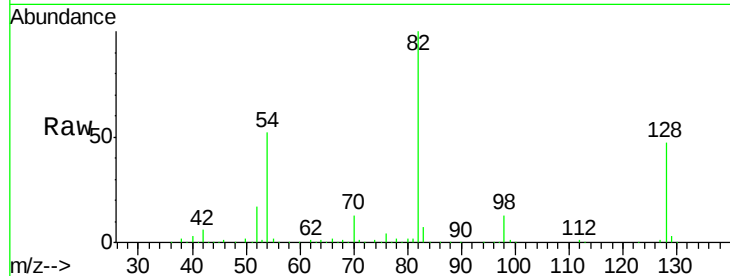




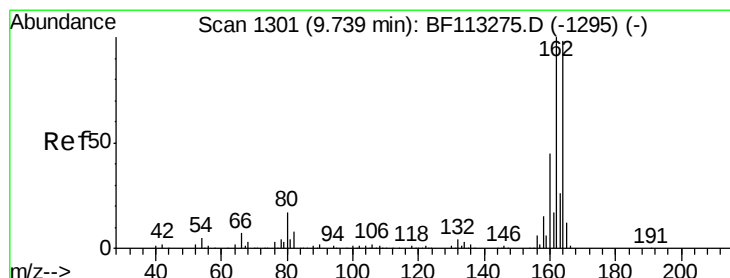
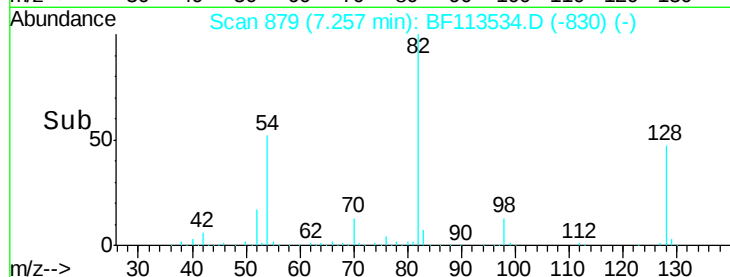
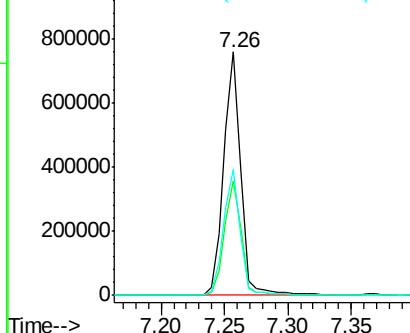
#23
 Nitrobenzene-d5
 Concen: 83.096 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF113534.D
 Acq: 3 Apr 2019 6:17

Instrument :
 BNA_F
 ClientSampleId :
 CS-7

Tgt Ion: 82 Resp: 713066
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.5 54.7
 54 51.8 42.2 63.2

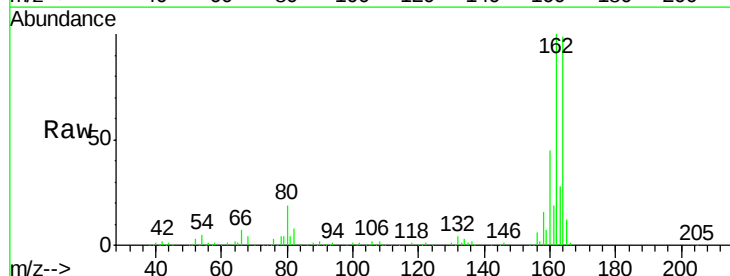


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

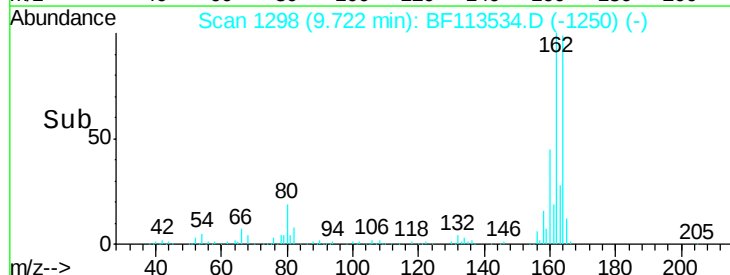
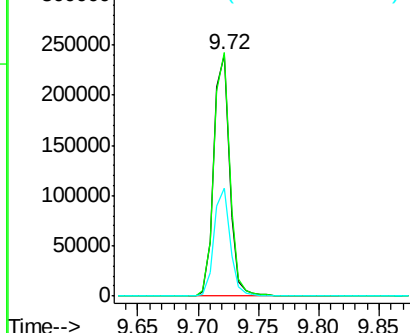


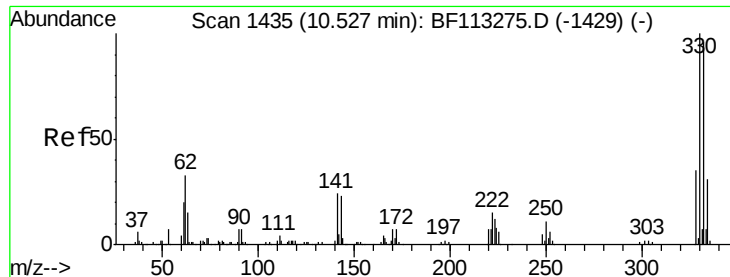
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF113534.D
 Acq: 3 Apr 2019 6:17

Tgt Ion: 164 Resp: 216960
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.8 122.6
 160 45.0 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

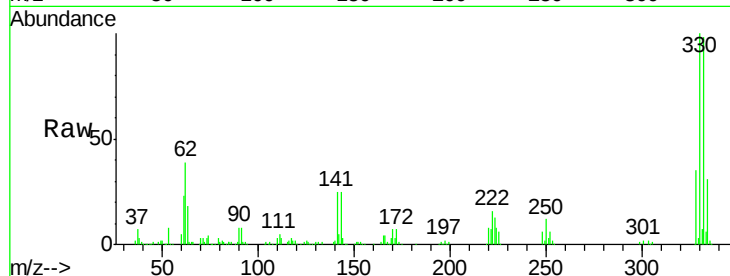




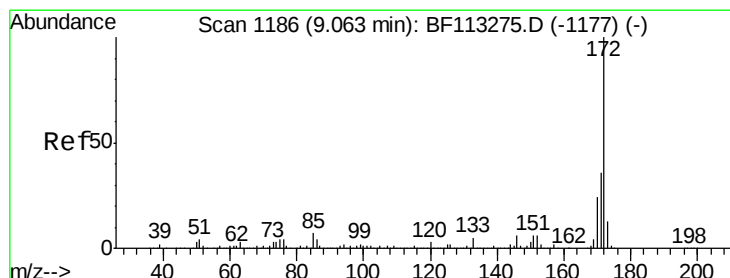
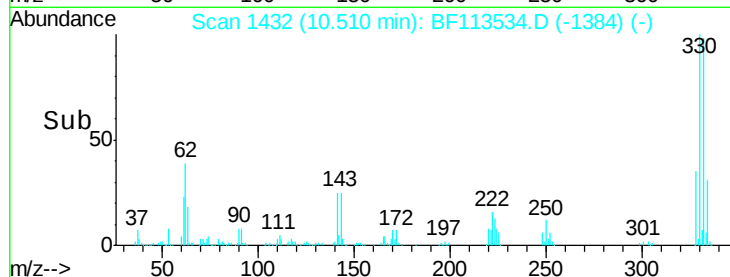
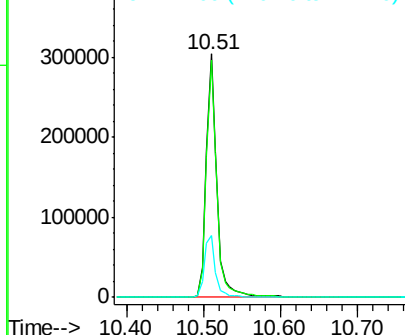
#42
 2,4,6-Tribromophenol
 Concen: 109.772 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF113534.D
 Acq: 3 Apr 2019 6:17

Instrument :
 BNA_F
 ClientSampleId :
 CS-7

Tgt Ion:330 Resp: 294184
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.8 116.6
 141 26.9 22.7 34.1

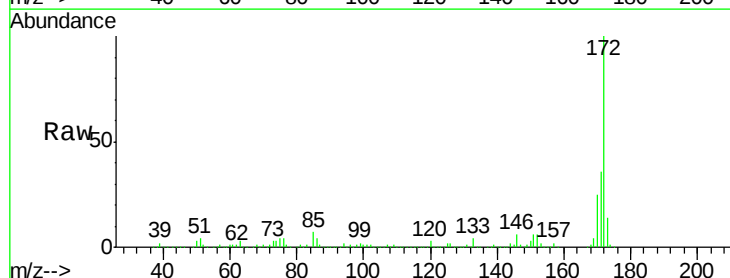


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

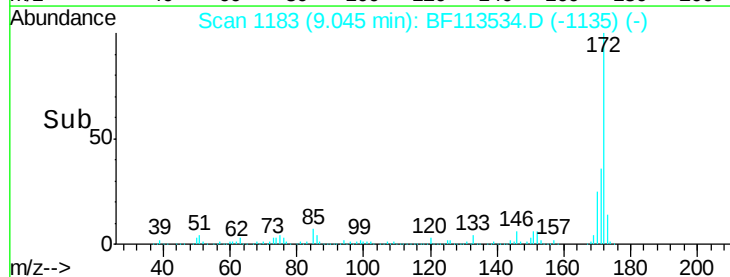
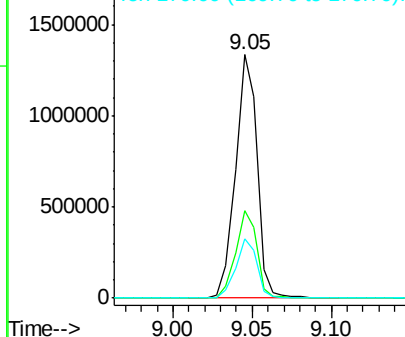


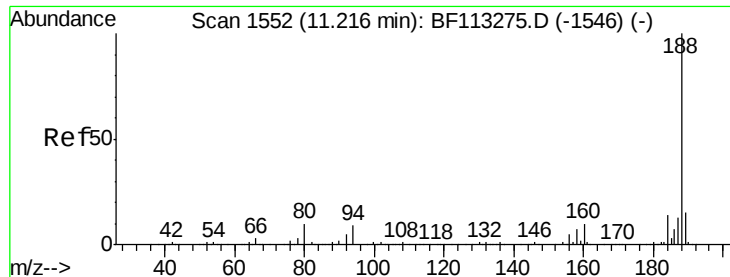
#45
 2-Fluorobiphenyl
 Concen: 92.885 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF113534.D
 Acq: 3 Apr 2019 6:17

Tgt Ion:172 Resp: 1263105
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.0 43.6
 170 24.5 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

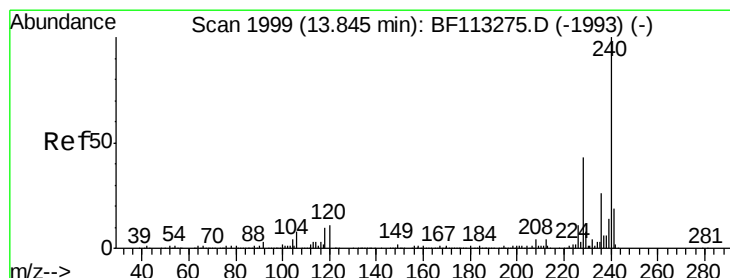
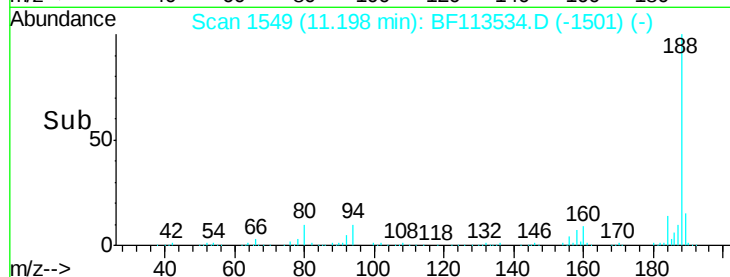
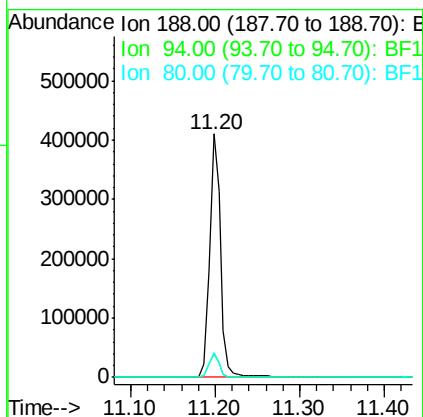
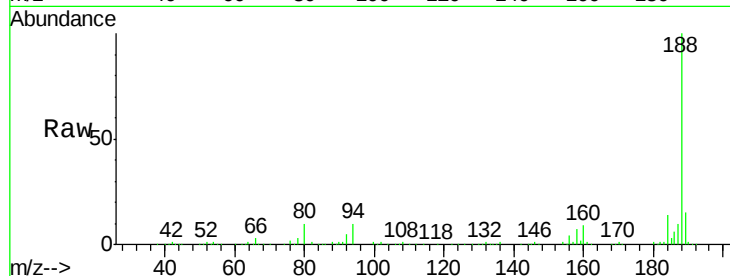




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF113534.D
Acq: 3 Apr 2019 6:17

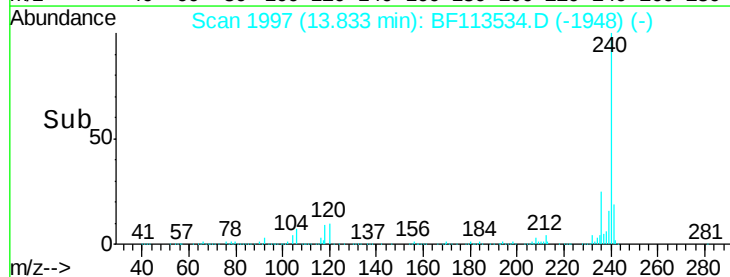
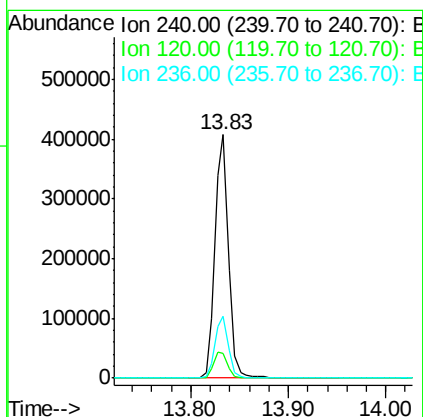
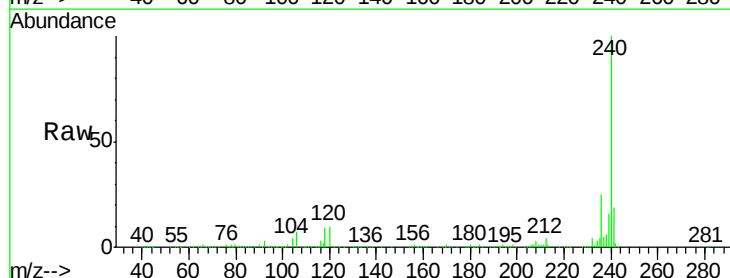
Instrument :
BNA_F
ClientSampled :
CS-7

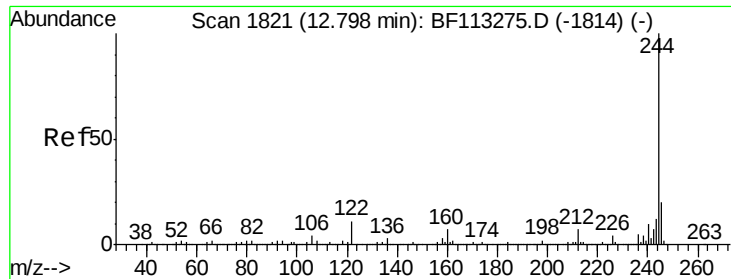
Tgt Ion:188 Resp: 372074
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113534.D
Acq: 3 Apr 2019 6:17

Tgt Ion:240 Resp: 390241
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.4 20.9 31.3

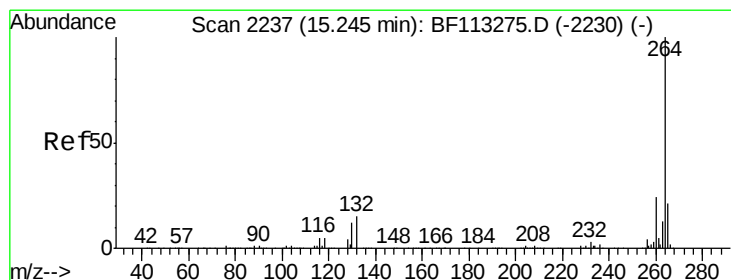
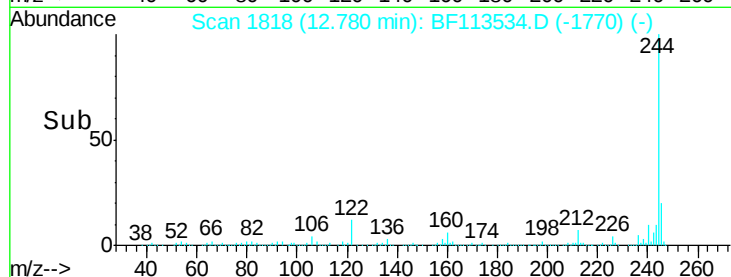
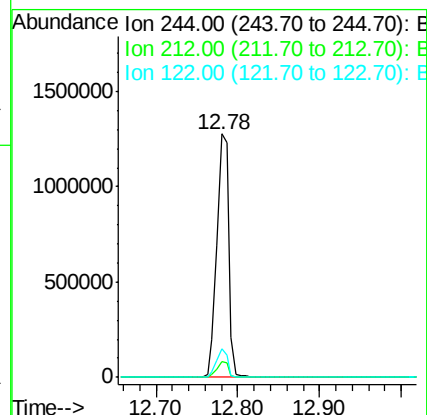
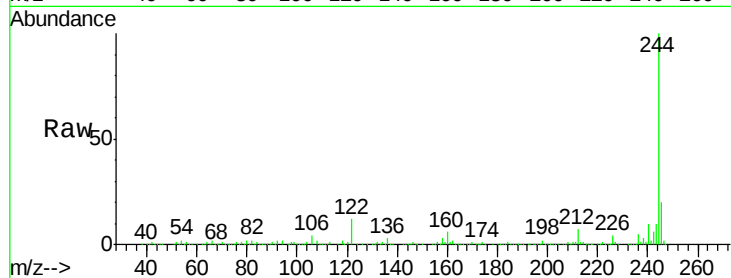




#79
 Terphenyl-d14
 Concen: 73.439 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF113534.D
 Acq: 3 Apr 2019 6:17

Instrument :
 BNA_F
 ClientSampleId :
 CS-7

Tgt Ion:244 Resp: 1300208
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.7 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: BF113534.D
 Acq: 3 Apr 2019 6:17

Tgt Ion:264 Resp: 293298
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.9 17.1 25.7

