

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113221.D
 Acq On : 21 Mar 2019 21:13
 Operator : JU/SJ
 Sample : K2004-07 20X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19B(7-8)

Quant Time: Mar 22 02:03:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

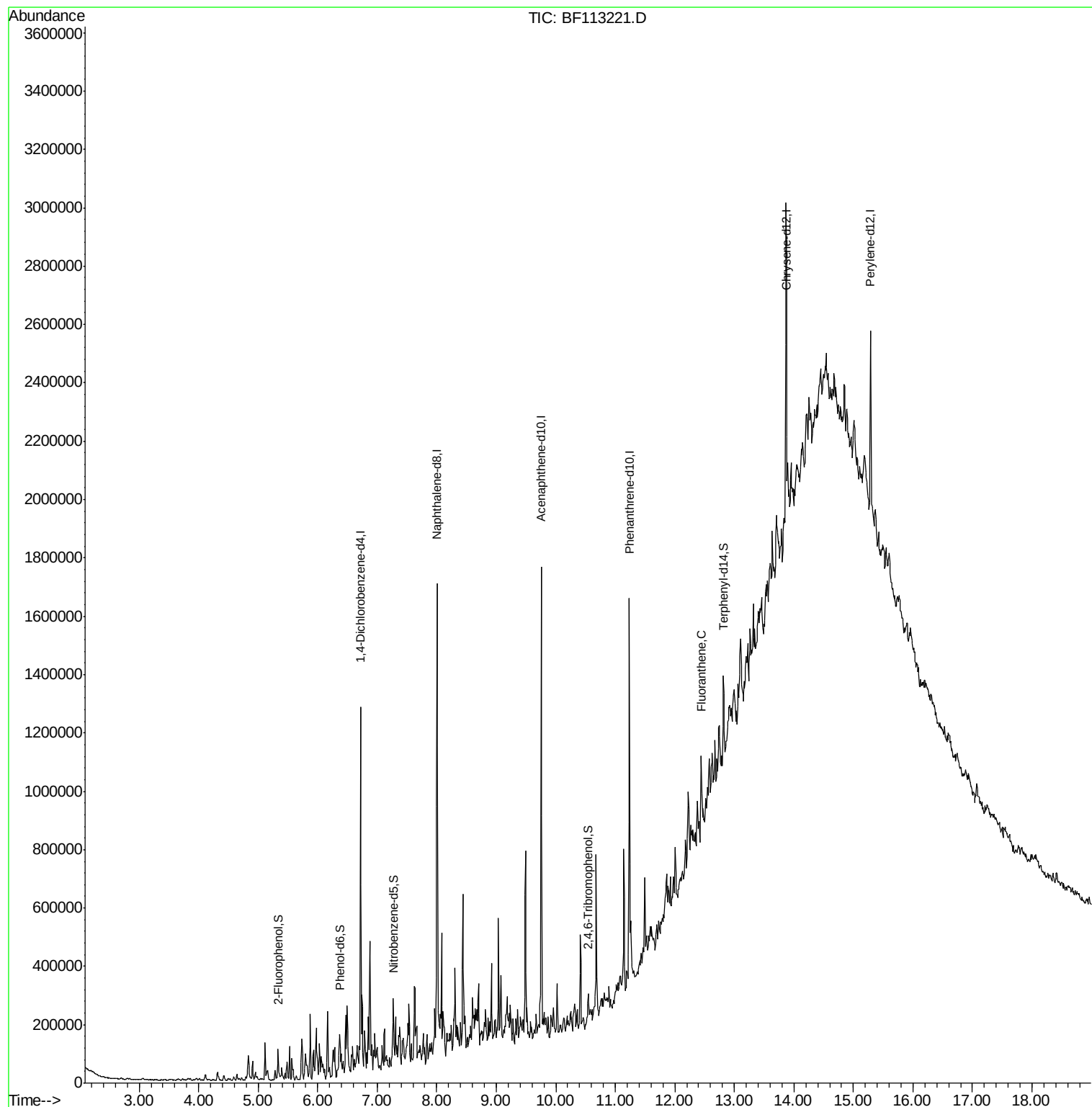
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	176458	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	700024	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	309716	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	575193	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	436899	20.00	ng	0.00
87) Perylene-d12	15.29	264	336192	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	40932	3.61	ng	-0.01
7) Phenol-d6	6.36	99	65053	4.57	ng	-0.01
23) Nitrobenzene-d5	7.28	82	36037	3.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	14684	4.47	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	78362	1.91	ng	-0.01
79) Terphenyl-d14	12.82	244	65419	2.90	ng	0.00
Target Compounds						
75) Fluoranthene	12.45	202	63603	2.074	ng	Qvalue 96

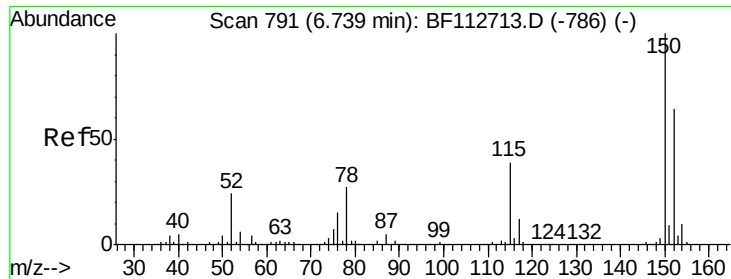
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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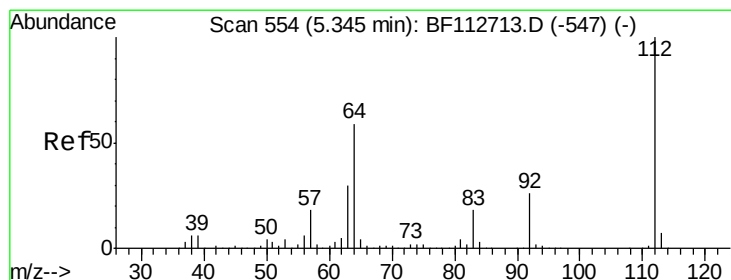
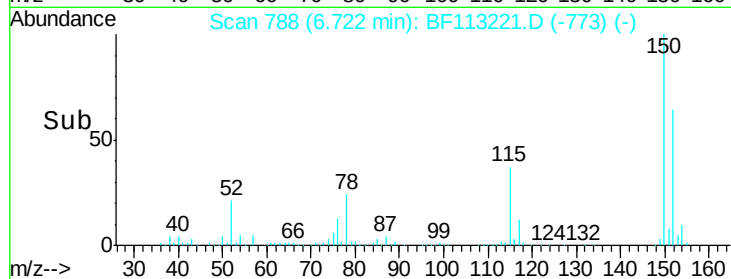
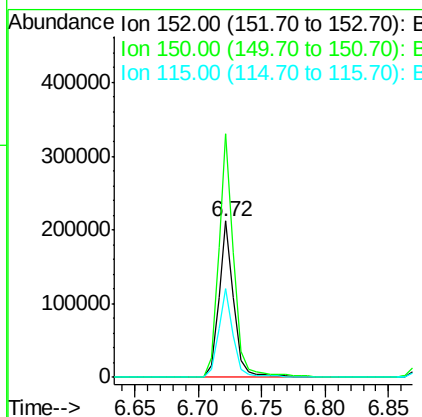
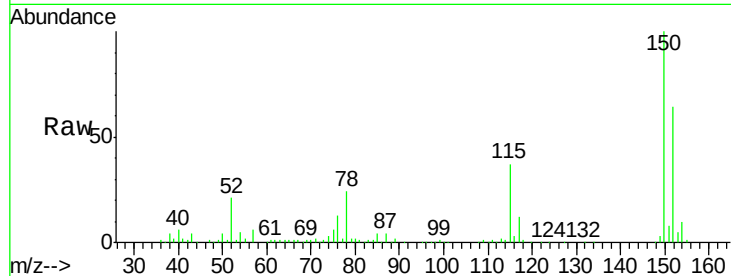




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113221.D
 Acq: 21 Mar 2019 21:13

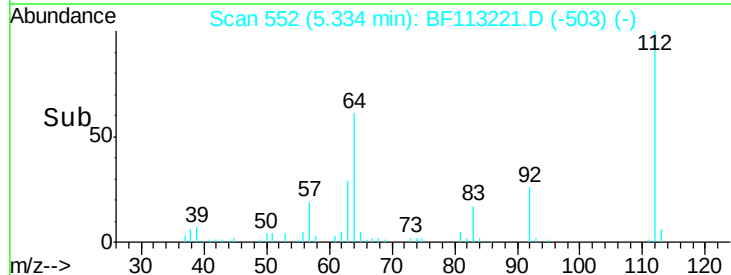
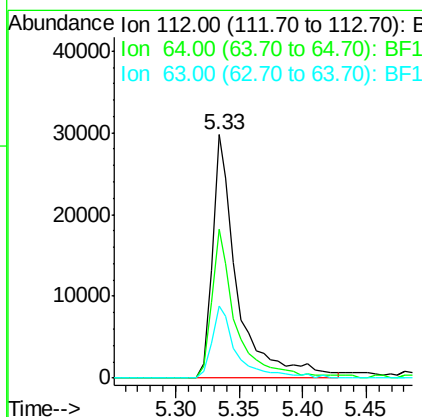
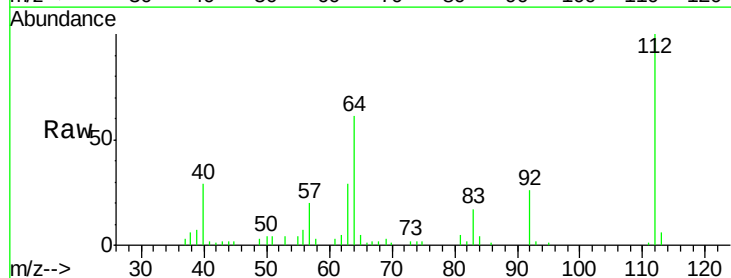
Instrument :
 BNA_F
 ClientSampleId :
 SB-19B(7-8)

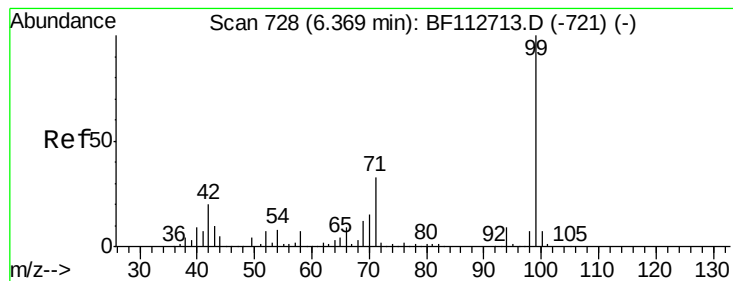
Tgt Ion:152 Resp: 176458
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.2 186.2
 115 57.0 48.2 72.4



#5
 2-Fluorophenol
 Concen: 3.608 ng
 RT: 5.33 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF113221.D
 Acq: 21 Mar 2019 21:13

Tgt Ion:112 Resp: 40932
 Ion Ratio Lower Upper
 112 100
 64 61.4 47.6 71.4
 63 29.4 24.4 36.6





#7

Phenol-d6

Concen: 4.565 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113221.D

Acq: 21 Mar 2019 21:13

Instrument :

BNA_F

ClientSampleId :

SB-19B(7-8)

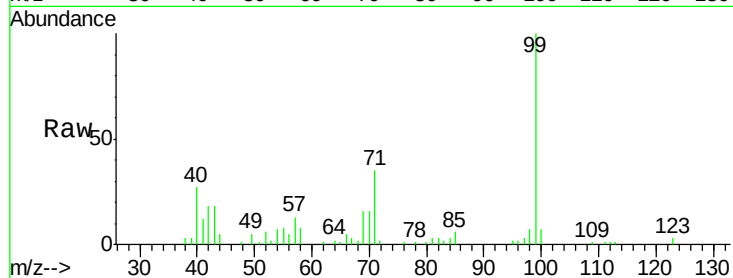
Tgt Ion: 99 Resp: 65053

Ion Ratio Lower Upper

99 100

42 18.5 16.3 24.5

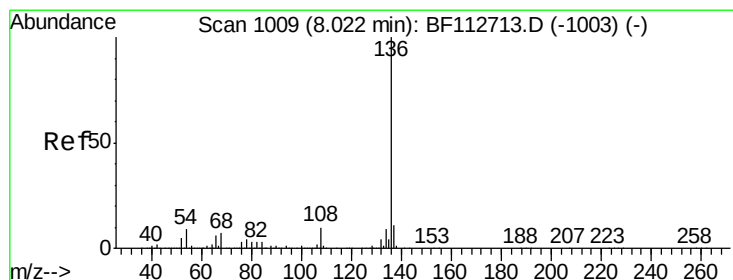
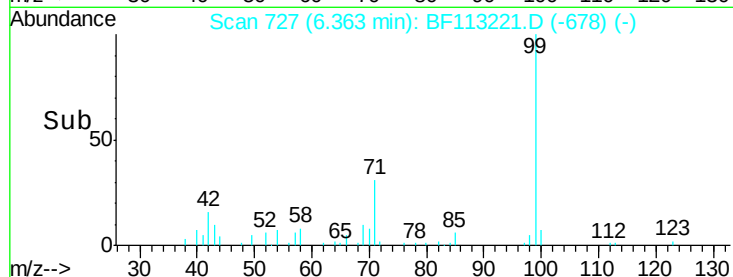
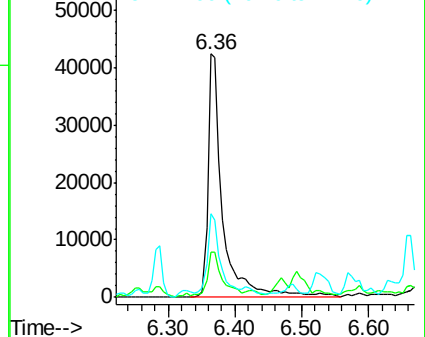
71 34.6 26.2 39.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113221.D

Acq: 21 Mar 2019 21:13

Tgt Ion: 136 Resp: 700024

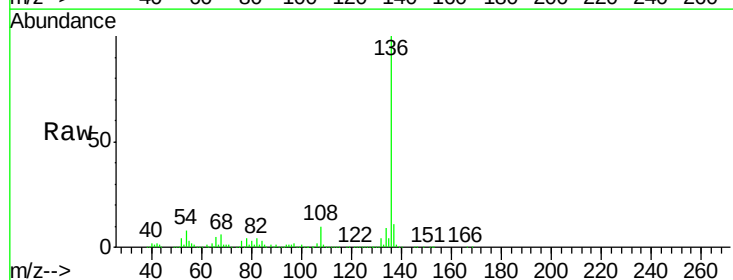
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.2 7.3 10.9

68 6.2 5.4 8.2

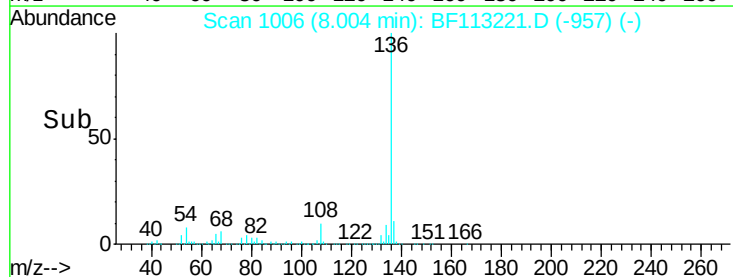
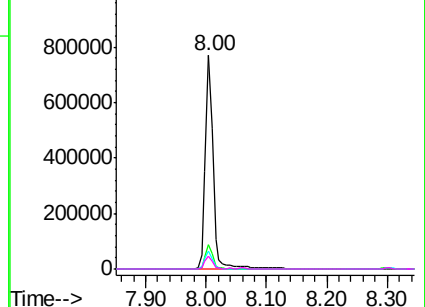


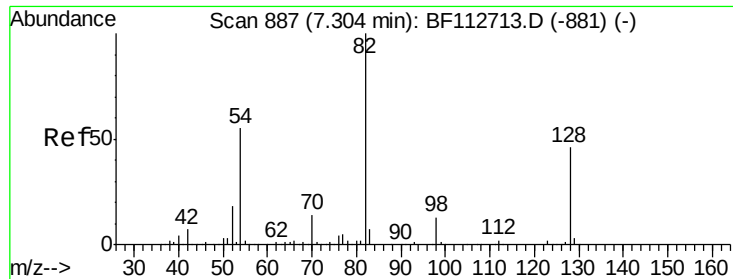
Abundance Ion 136.00 (135.70 to 136.70): E

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

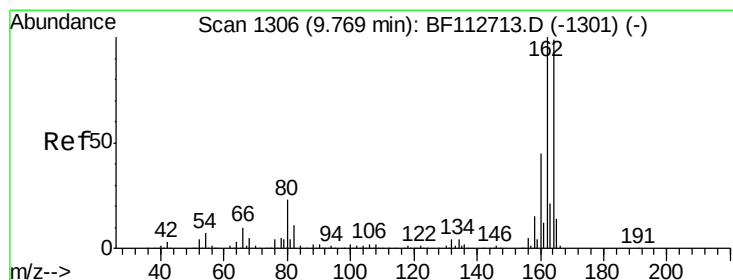
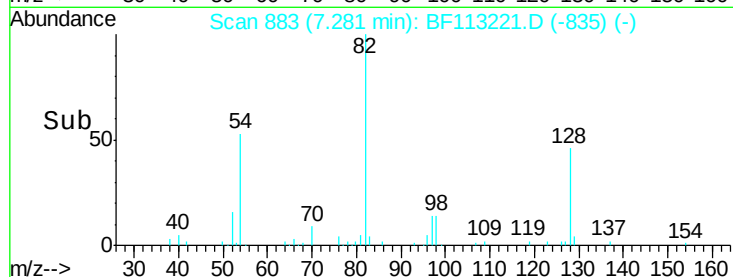
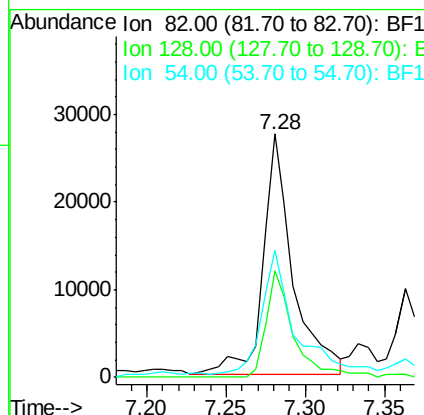
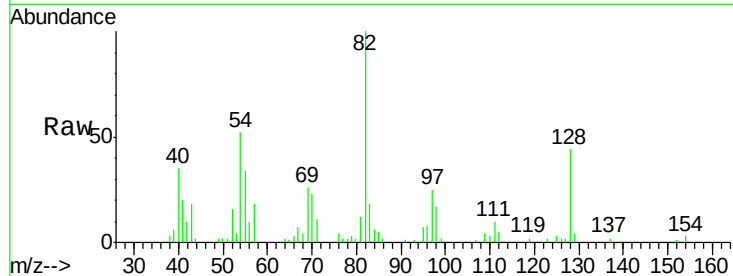




#23
 Nitrobenzene-d5
 Concen: 3.080 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113221.D
 Acq: 21 Mar 2019 21:13

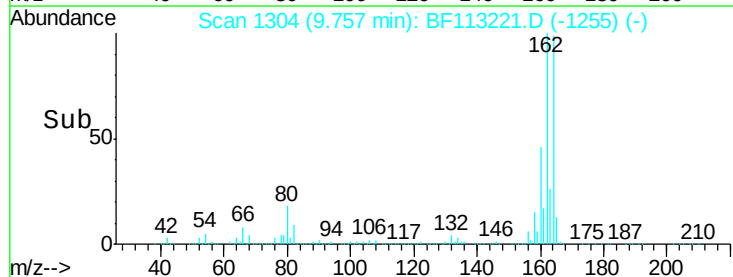
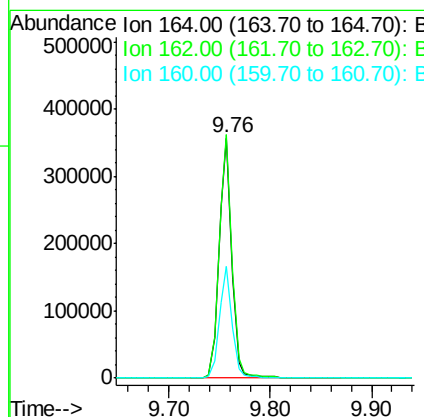
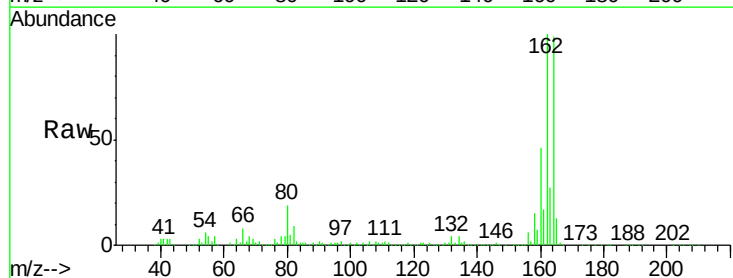
Instrument :
 BNA_F
 ClientSampleId :
 SB-19B(7-8)

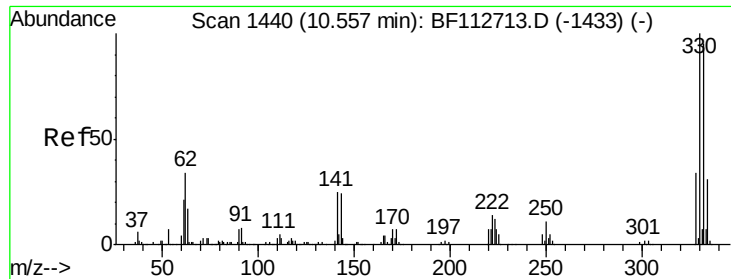
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.3	54.5
54	52.3	43.7	65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113221.D
 Acq: 21 Mar 2019 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	46.3	36.0	54.0

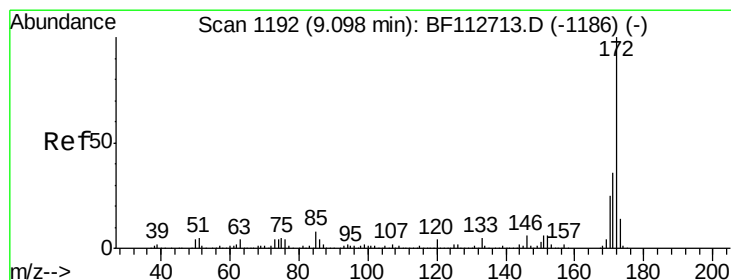
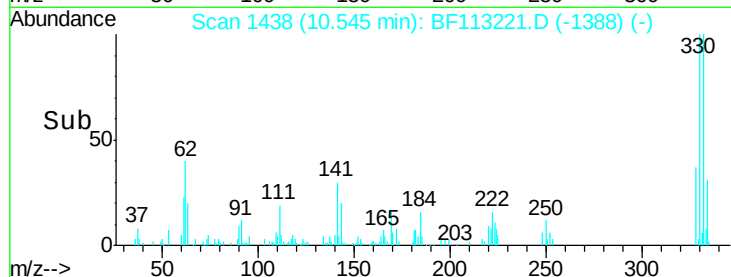
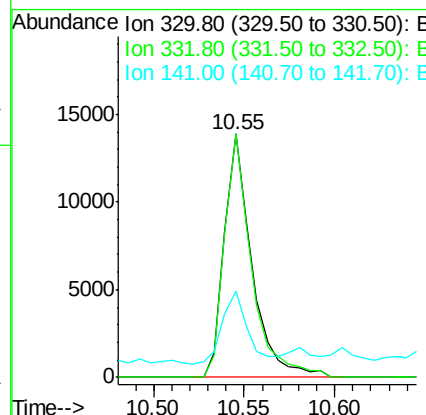
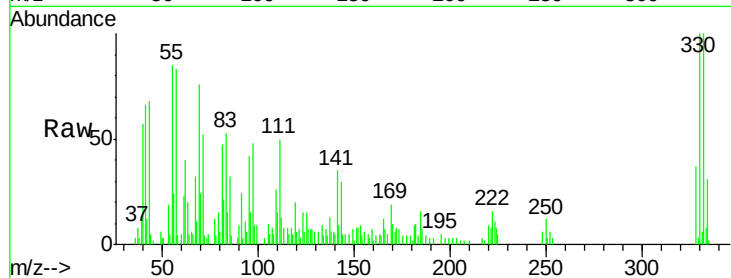




#42
 2,4,6-Tribromophenol
 Concen: 4.466 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113221.D
 Acq: 21 Mar 2019 21:13

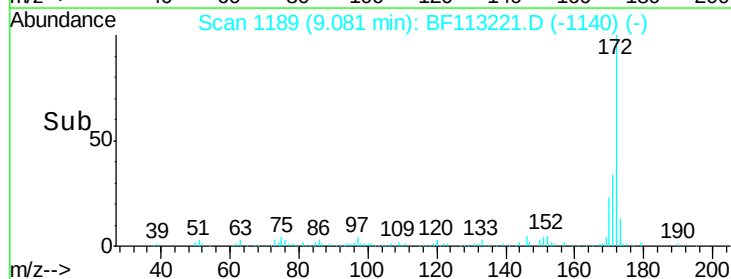
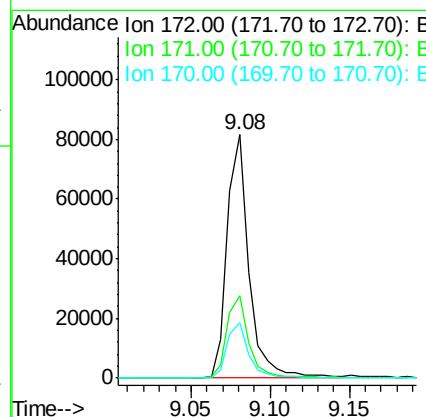
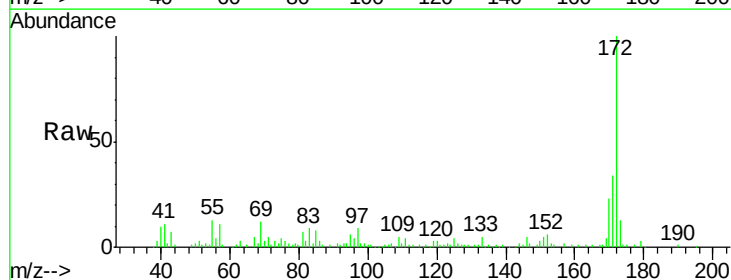
Instrument :
 BNA_F
 ClientSampleId :
 SB-19B(7-8)

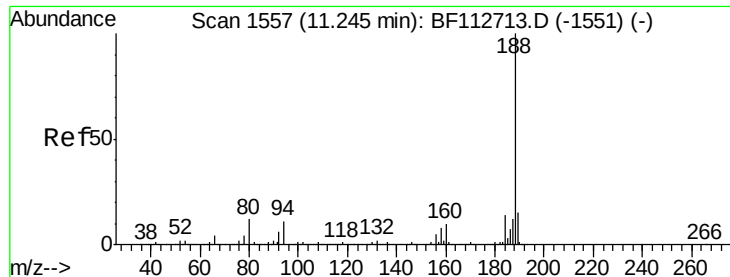
Tgt Ion:330 Resp: 14684
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.2 114.4
 141 28.1 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 1.909 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113221.D
 Acq: 21 Mar 2019 21:13

Tgt Ion:172 Resp: 78362
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.0 43.4
 170 22.8 20.0 30.0

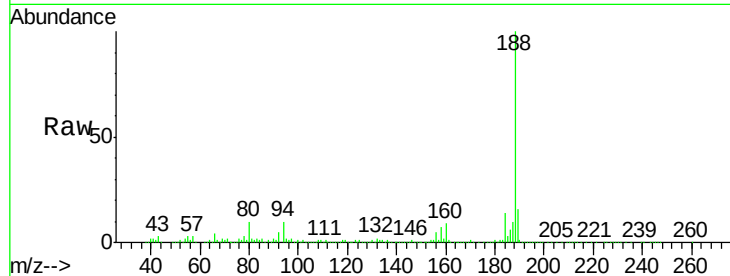




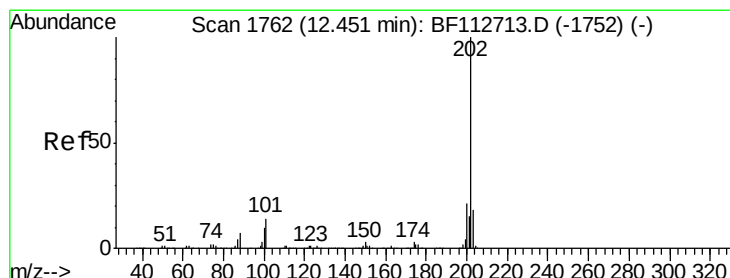
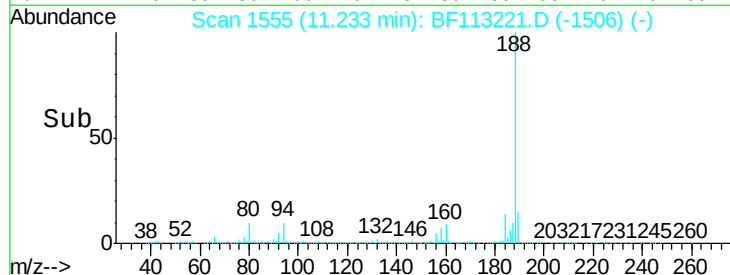
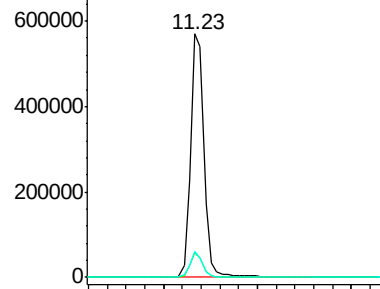
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113221.D
Acq: 21 Mar 2019 21:13

Instrument :
BNA_F
ClientSampleId :
SB-19B(7-8)

Tgt Ion:188 Resp: 575193
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.4
80 10.4 9.2 13.8

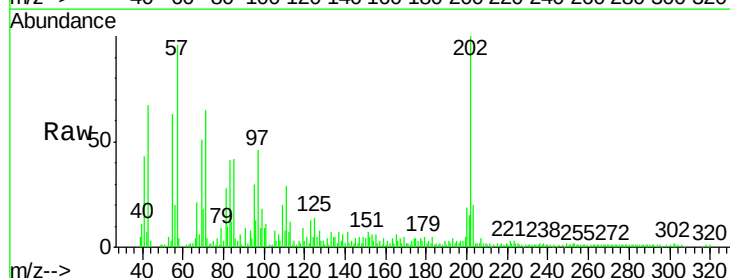


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

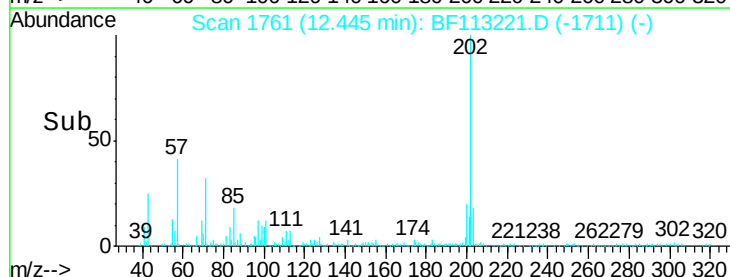
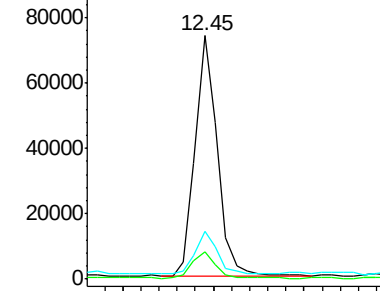


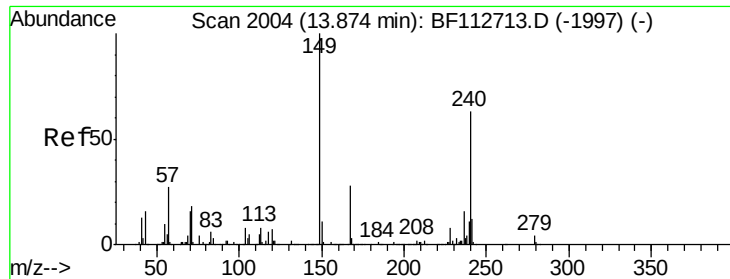
#75
Fluoranthene
Concen: 2.074 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF113221.D
Acq: 21 Mar 2019 21:13

Tgt Ion:202 Resp: 63603
Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.8
203 19.8 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

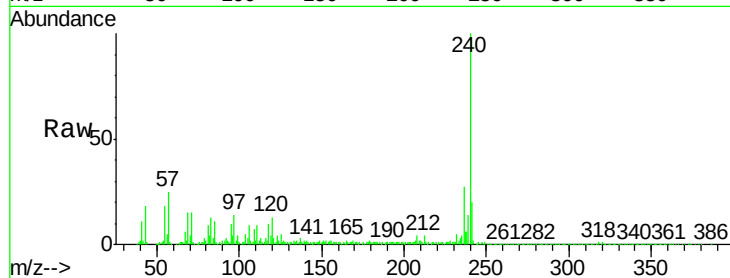




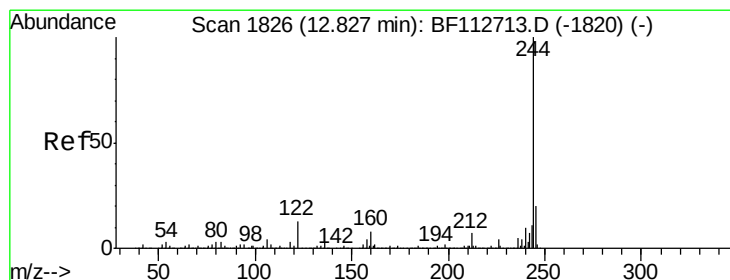
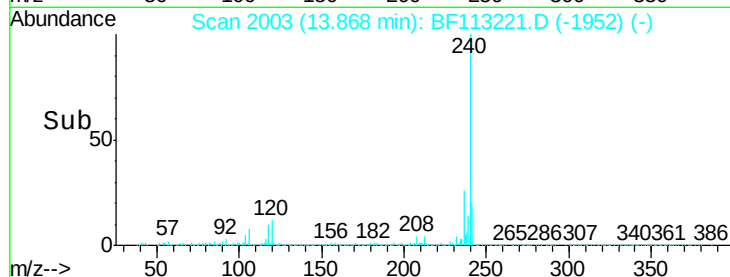
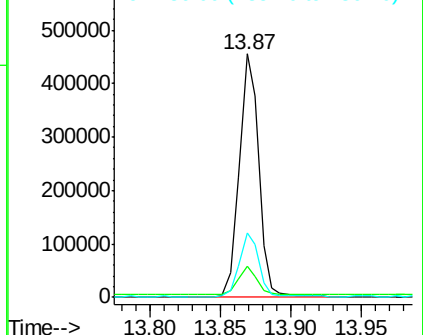
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF113221.D
Acq: 21 Mar 2019 21:13

Instrument :
BNA_F
ClientSampleId :
SB-19B(7-8)

Tgt Ion:240 Resp: 436899
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 26.7 20.7 31.1

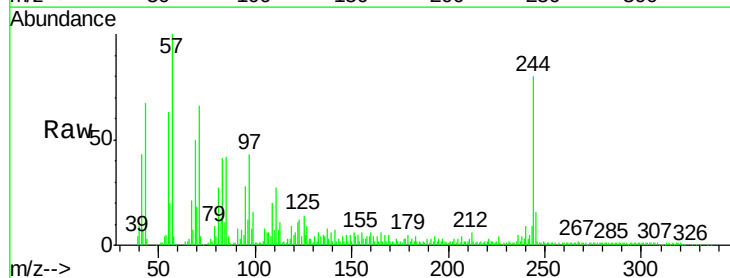


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

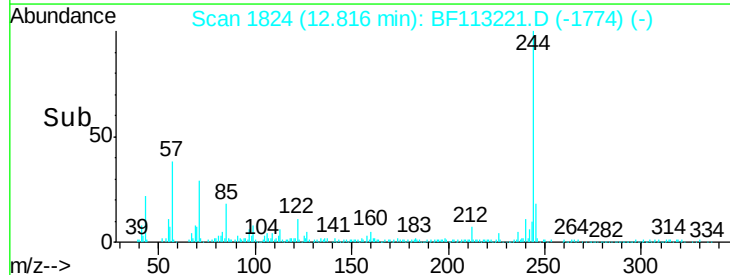
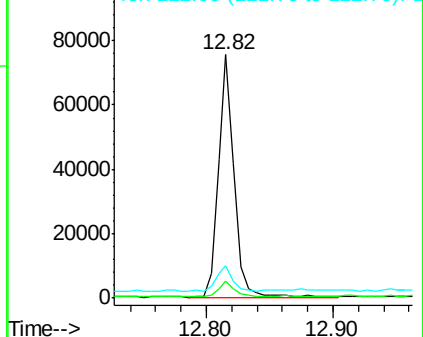


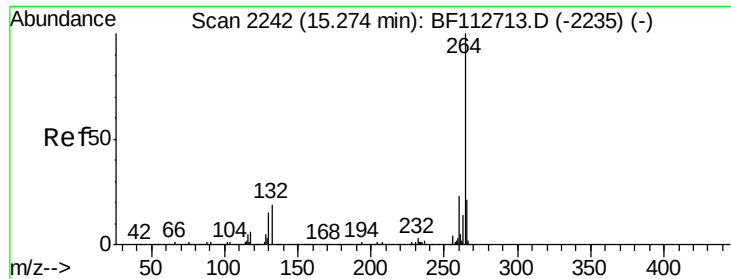
#79
Terphenyl-d14
Concen: 2.903 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113221.D
Acq: 21 Mar 2019 21:13

Tgt Ion:244 Resp: 65419
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 13.4 10.5 15.7



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

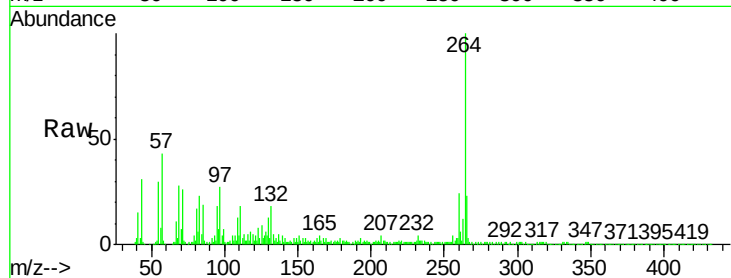




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.01 min
Lab File: BF113221.D
Acq: 21 Mar 2019 21:13

Instrument :
BNA_F
ClientSampleId :
SB-19B(7-8)

Tgt Ion: 264 Resp: 336192
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 22.7 17.2 25.8



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

