

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113216.D
 Acq On : 21 Mar 2019 18:52
 Operator : JU/SJ
 Sample : K2004-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20(10-11)

Quant Time: Mar 22 01:41:43 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	172717	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	705603	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	292905	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	476650	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	378571	20.00	ng	0.00
87) Perylene-d12	15.28	264	306993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	266265	23.98	ng	-0.01
7) Phenol-d6	6.36	99	384243	27.55	ng	-0.01
23) Nitrobenzene-d5	7.28	82	215010	18.23	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	88696	28.52	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	476546	21.64	ng	-0.01
79) Terphenyl-d14	12.82	244	322614	16.52	ng	0.00

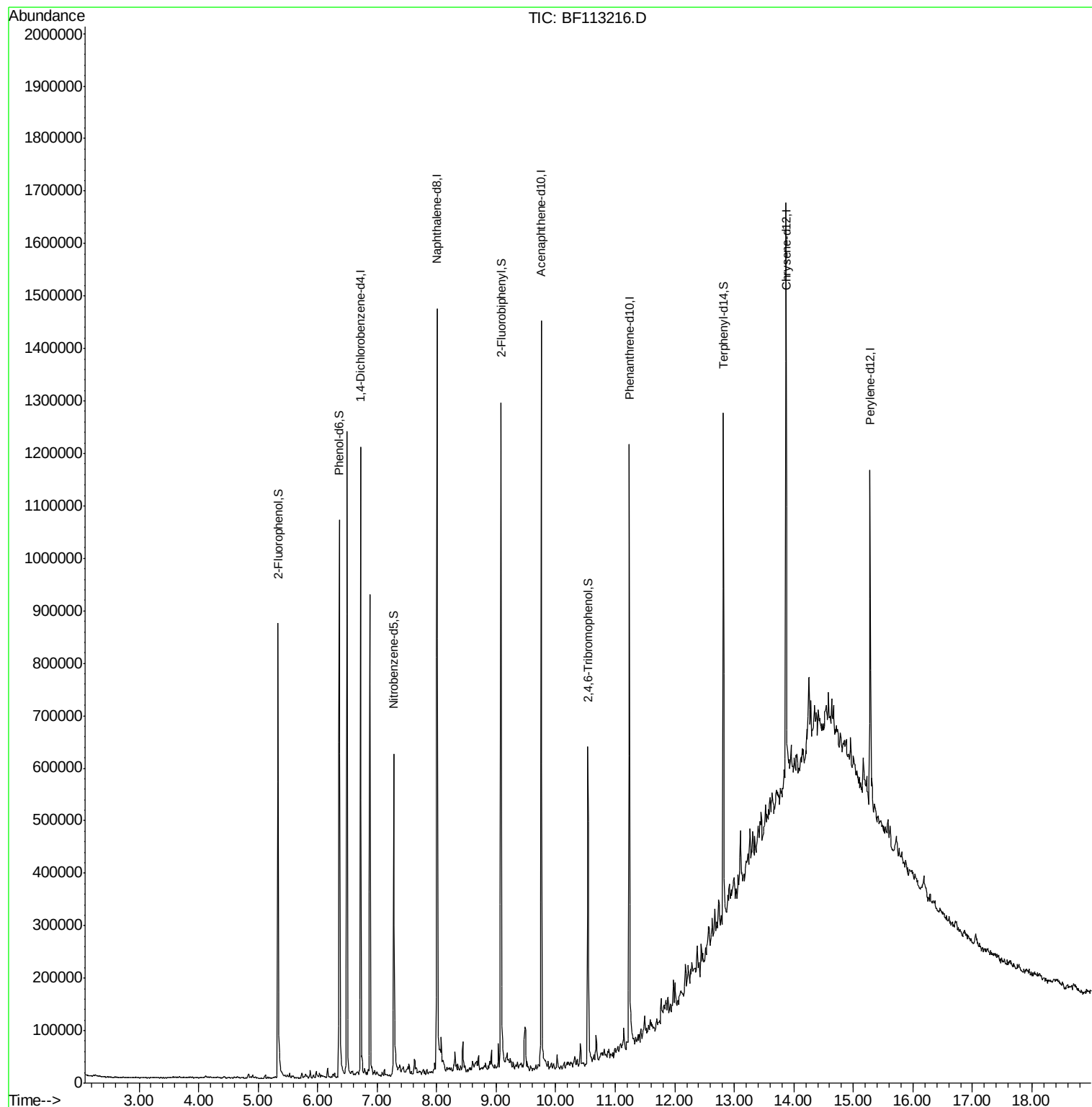
Target Compounds	Qvalue
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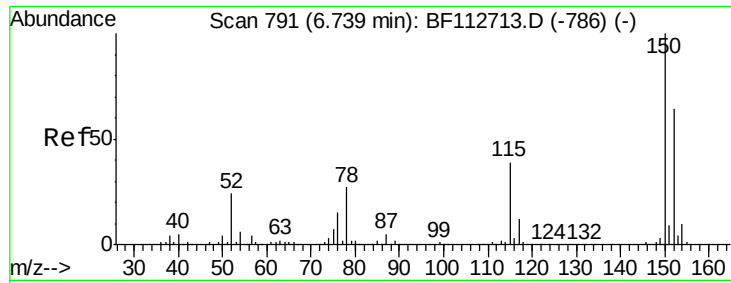
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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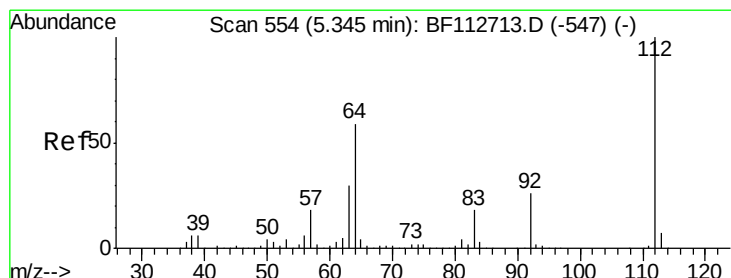
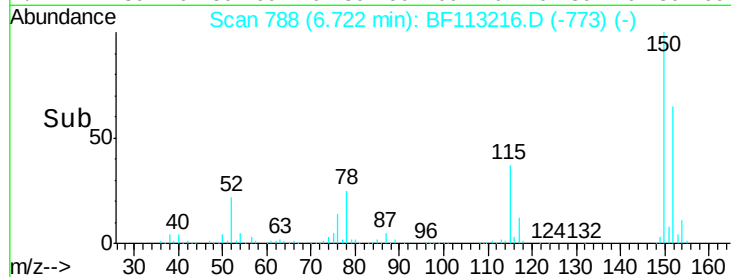
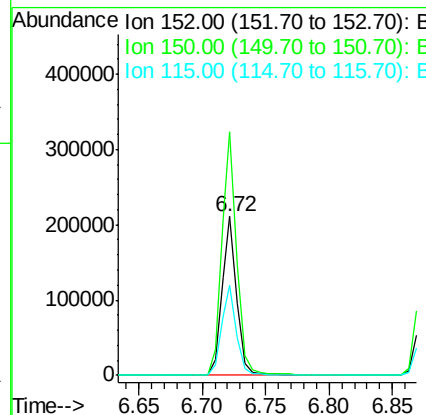
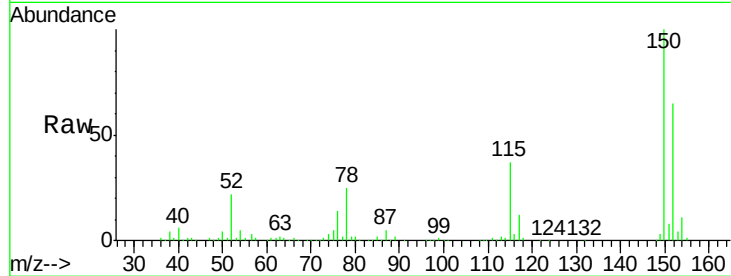


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113216.D
Acq: 21 Mar 2019 18:52

Instrument :
BNA_F
ClientSampleId :
SB-20(10-11)

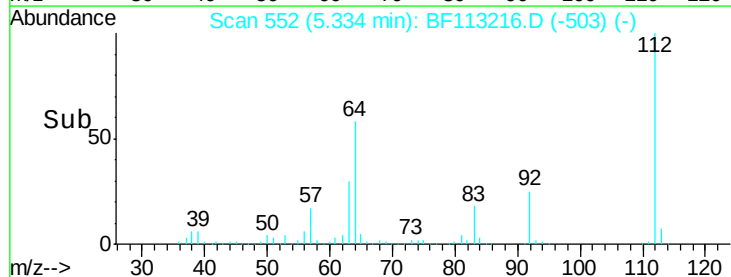
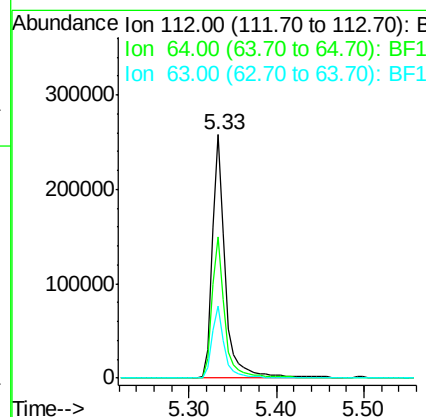
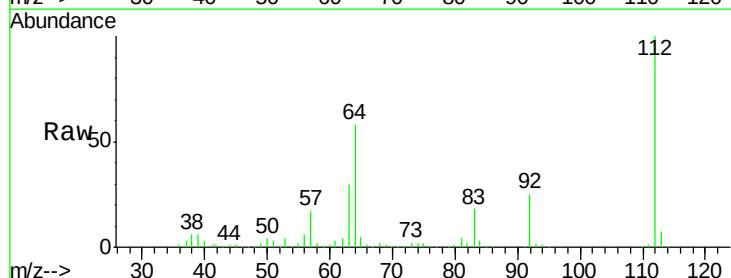
Tgt Ion:152 Resp: 172717
Ion Ratio Lower Upper
152 100
150 153.4 124.2 186.2
115 56.4 48.2 72.4

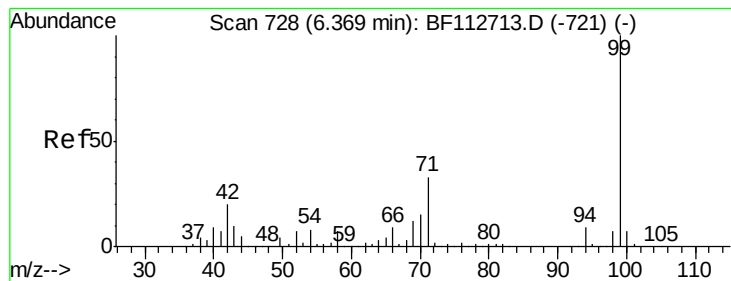


#5

2-Fluorophenol
Concen: 23.981 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113216.D
Acq: 21 Mar 2019 18:52

Tgt Ion:112 Resp: 266265
Ion Ratio Lower Upper
112 100
64 57.8 47.6 71.4
63 29.6 24.4 36.6





#7

Phenol-d6

Concen: 27.549 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113216.D

Acq: 21 Mar 2019 18:52

Instrument :

BNA_F

ClientSampleId :

SB-20(10-11)

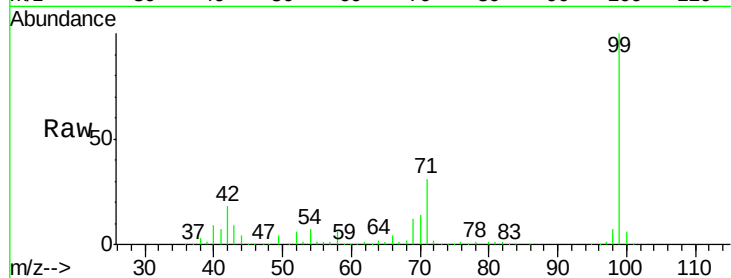
Tgt Ion: 99 Resp: 384243

Ion Ratio Lower Upper

99 100

42 17.9 16.3 24.5

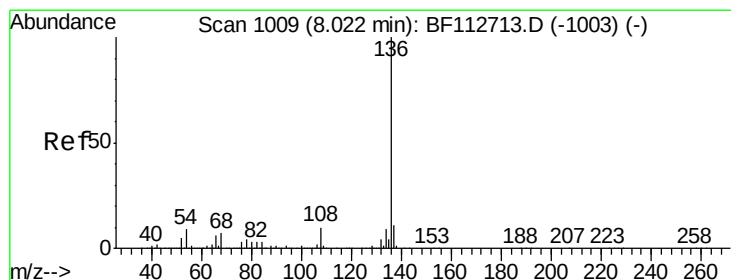
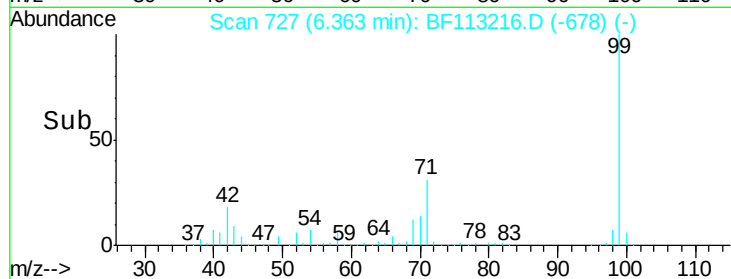
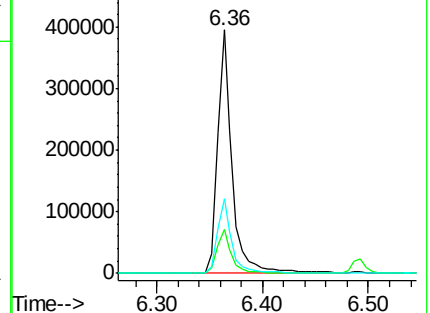
71 30.8 26.2 39.4



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: BF113216.D

Acq: 21 Mar 2019 18:52

Tgt Ion: 136 Resp: 705603

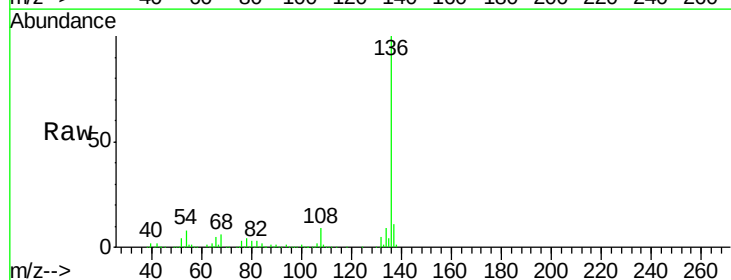
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.5 7.3 10.9

68 6.0 5.4 8.2

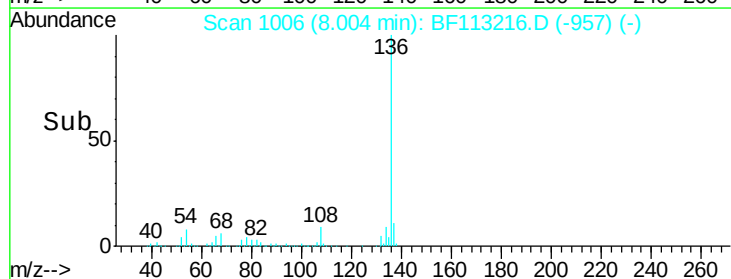
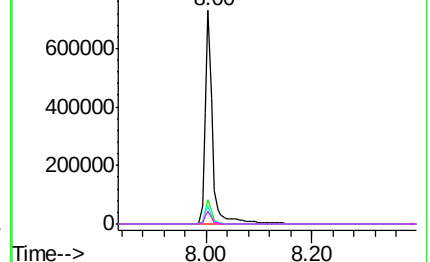


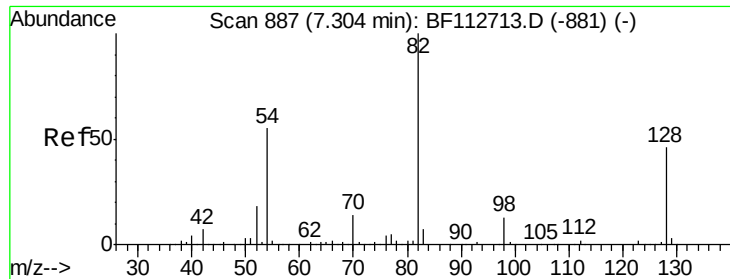
Abundance Ion 136.00 (135.70 to 136.70): E

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

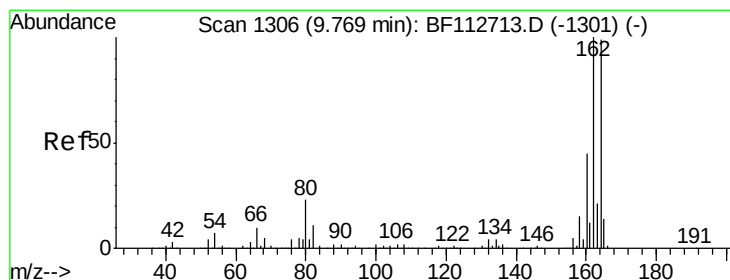
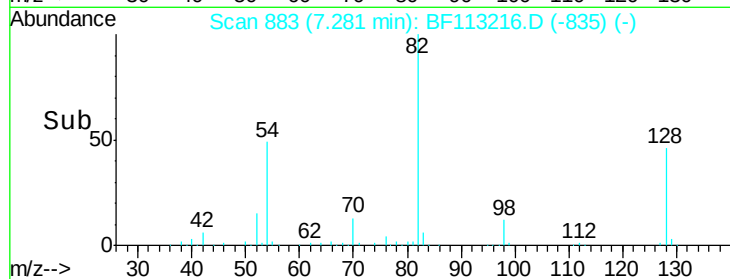
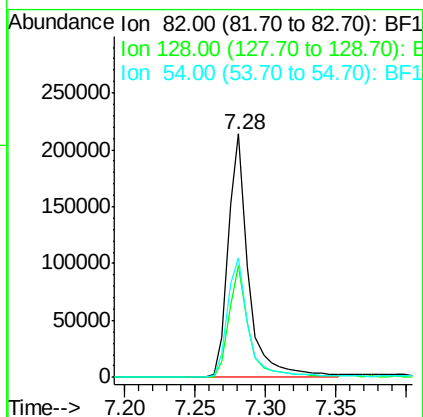
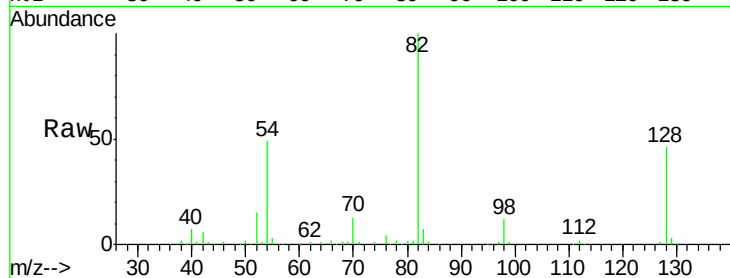




#23
 Nitrobenzene-d5
 Concen: 18.234 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF113216.D
 Acq: 21 Mar 2019 18:52

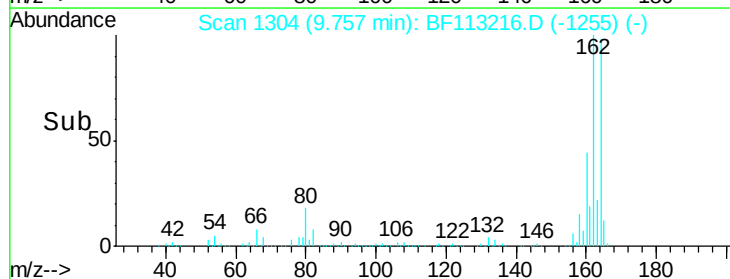
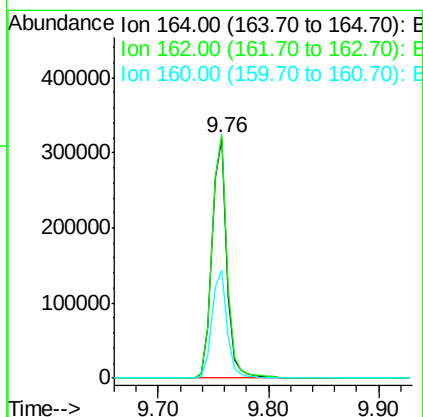
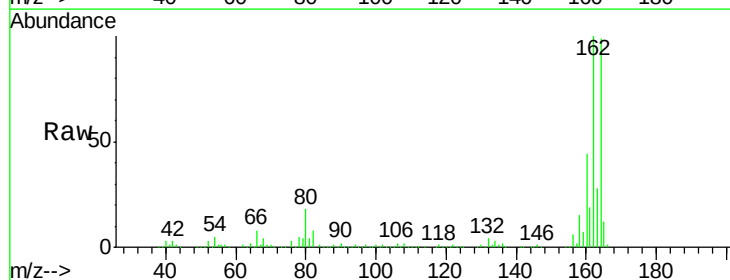
Instrument :
 BNA_F
 ClientSampleId :
 SB-20(10-11)

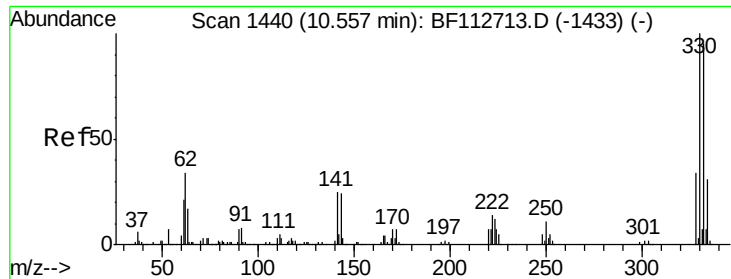
Tgt Ion: 82 Resp: 215010
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.3 54.5
 54 49.2 43.7 65.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113216.D
 Acq: 21 Mar 2019 18:52

Tgt Ion: 164 Resp: 292905
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.6 120.8
 160 44.9 36.0 54.0

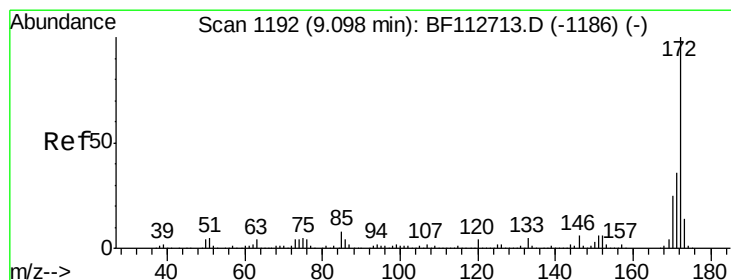
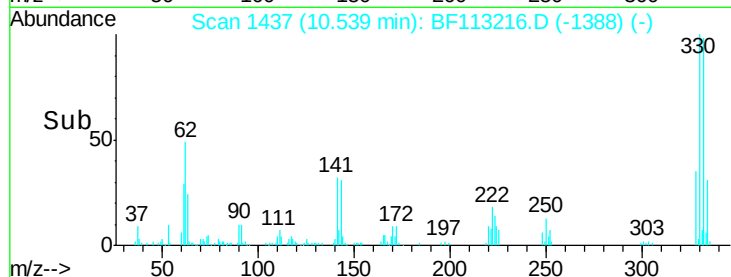
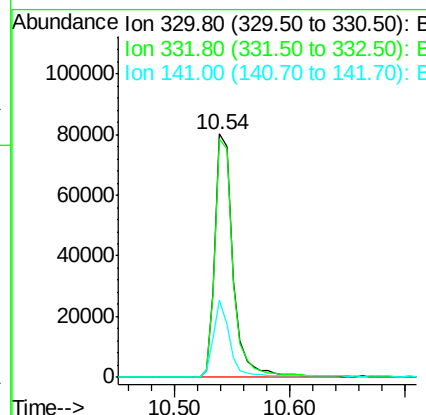
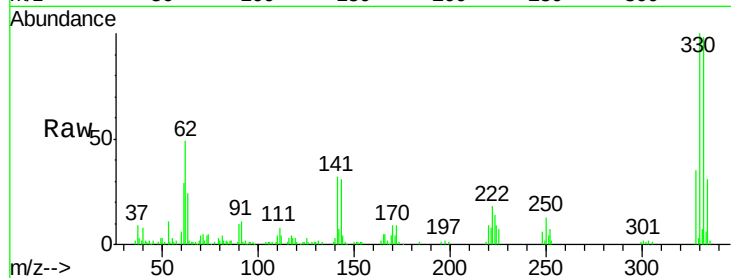




#42
 2,4,6-Tribromophenol
 Concen: 28.524 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113216.D
 Acq: 21 Mar 2019 18:52

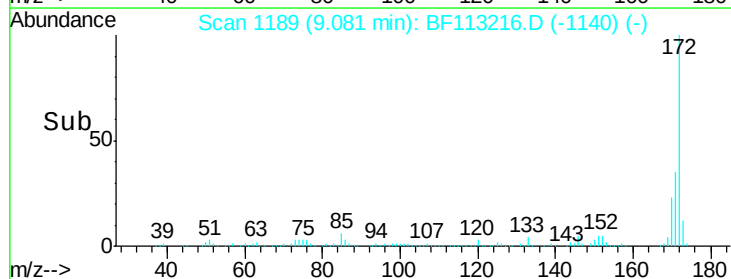
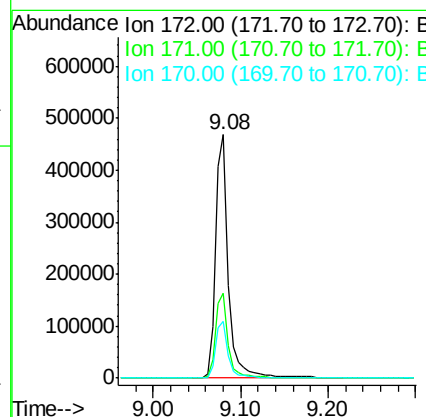
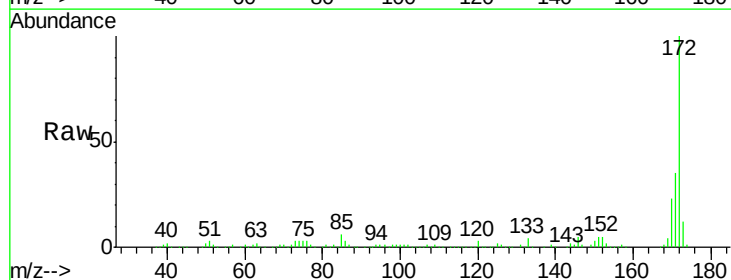
Instrument :
 BNA_F
 ClientSampleId :
 SB-20(10-11)

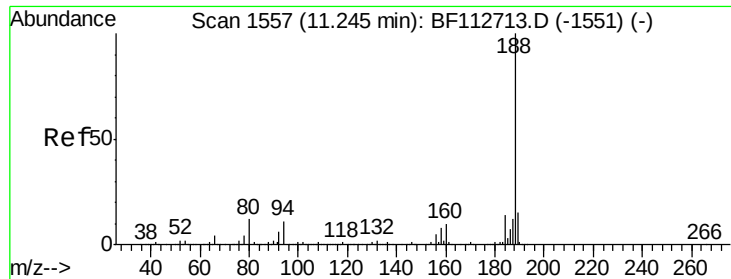
Tgt Ion:330 Resp: 88696
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.2 114.4
 141 29.7 27.0 40.6



#45
 2-Fluorobiphenyl
 Concen: 21.638 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113216.D
 Acq: 21 Mar 2019 18:52

Tgt Ion:172 Resp: 476546
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.4
 170 23.4 20.0 30.0

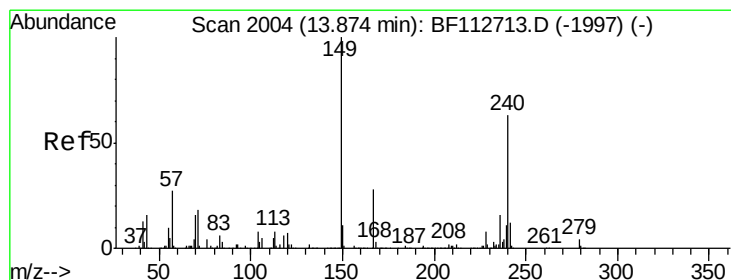
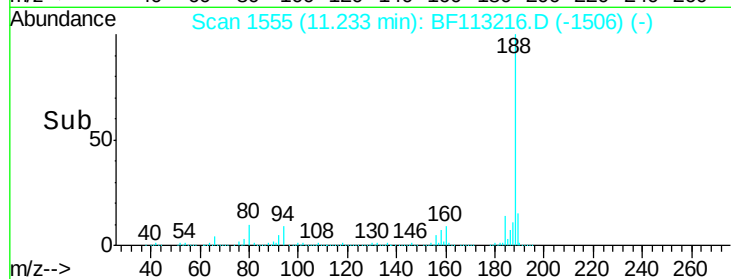
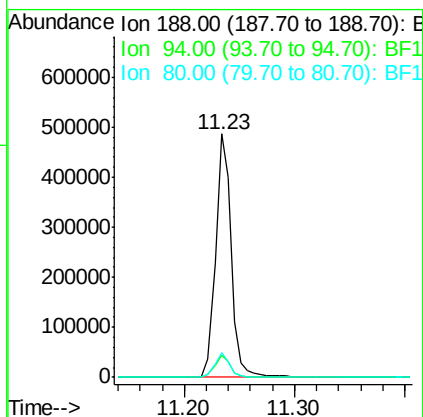
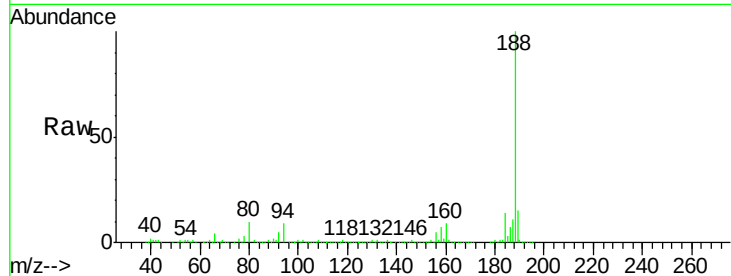




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113216.D
Acq: 21 Mar 2019 18:52

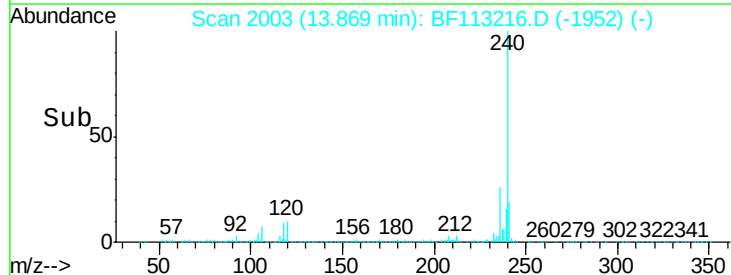
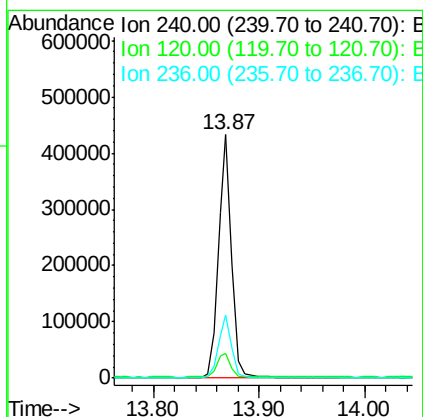
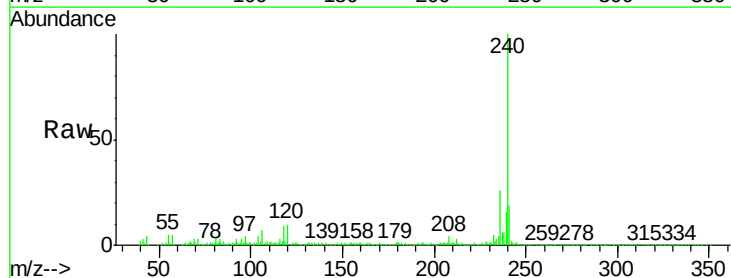
Instrument :
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SB-20(10-11)

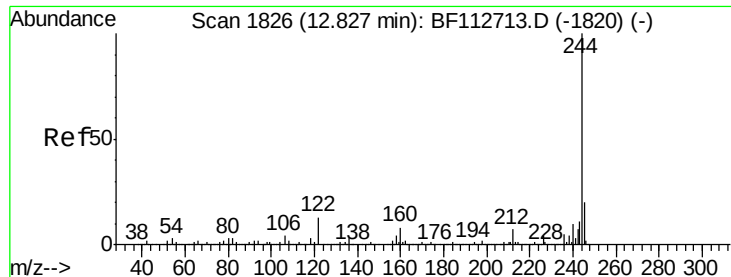
Tgt Ion:188 Resp: 476650
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 10.1 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF113216.D
Acq: 21 Mar 2019 18:52

Tgt Ion:240 Resp: 378571
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 16.520 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113216.D

Acq: 21 Mar 2019 18:52

Instrument :

BNA_F

ClientSampleId :

SB-20(10-11)

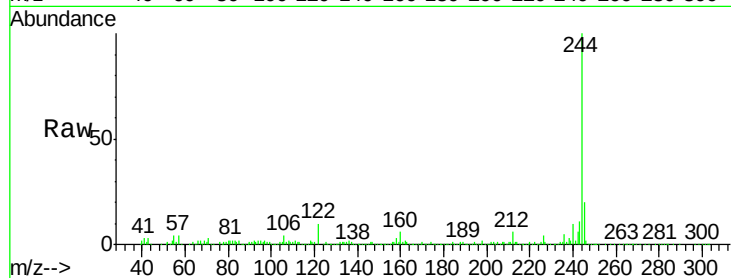
Tgt Ion:244 Resp: 322614

Ion Ratio Lower Upper

244 100

212 6.2 5.6 8.4

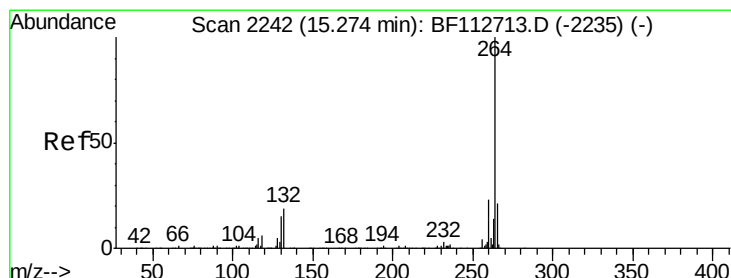
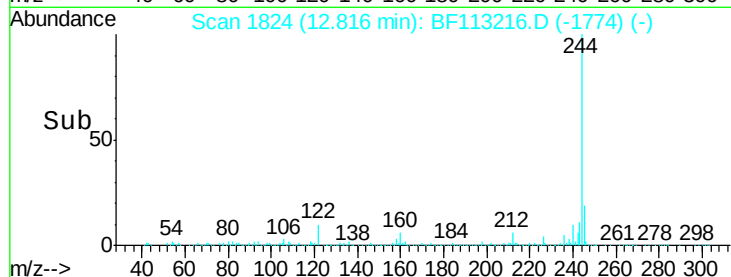
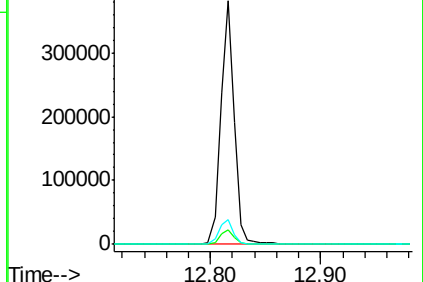
122 10.3 10.5 15.7#



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: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF113216.D

Acq: 21 Mar 2019 18:52

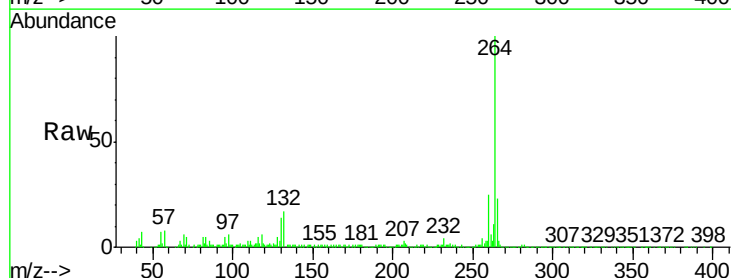
Tgt Ion:264 Resp: 306993

Ion Ratio Lower Upper

264 100

260 24.6 18.7 28.1

265 22.5 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

