

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113195.D
 Acq On : 21 Mar 2019 3:53
 Operator : JU/SJ
 Sample : K1943-18
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190131-LOC-8

Quant Time: Mar 21 16:24:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133895	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	457384	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	226695	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	437108	20.00	ng	0.00
76) Chrysene-d12	13.86	240	382758	20.00	ng	0.00
87) Perylene-d12	15.27	264	292966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	805602	93.59	ng	0.01
7) Phenol-d6	6.37	99	903352	83.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	653754	85.53	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	313581	130.30	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1304211	99.91	ng	0.00
79) Terphenyl-d14	12.82	244	1478512	74.88	ng	0.00

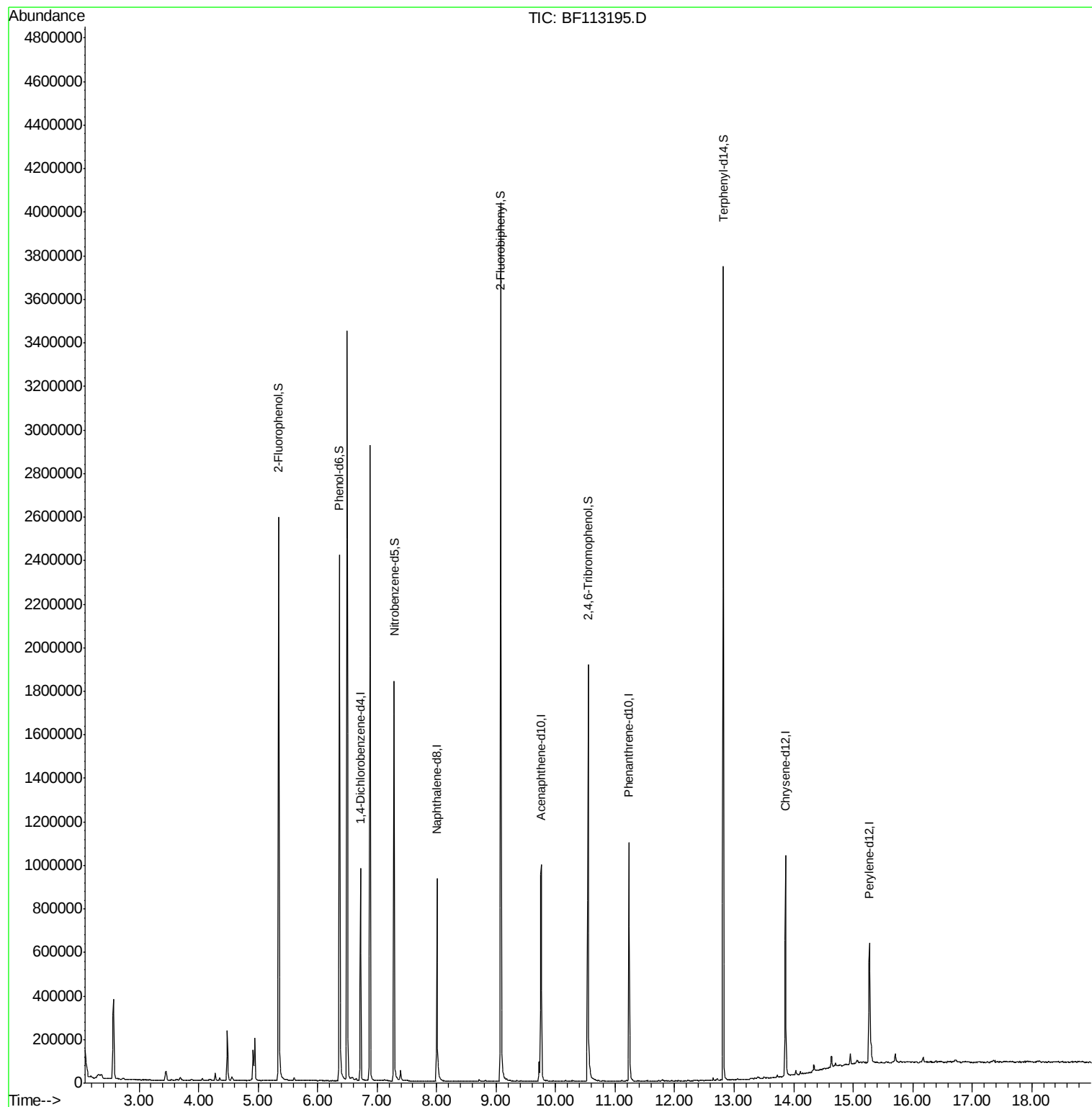
Target Compounds	Qvalue
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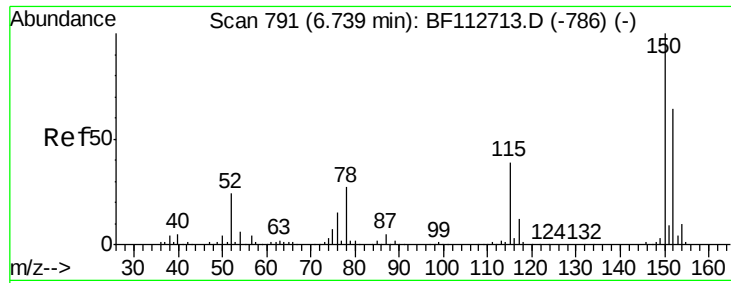
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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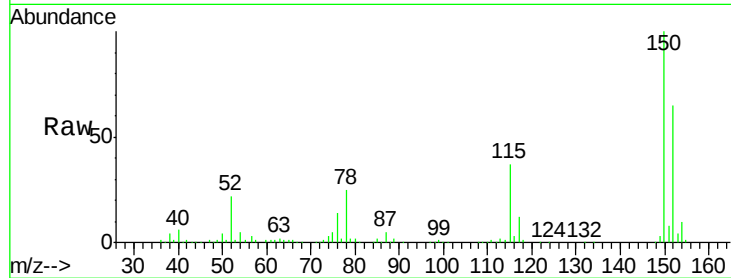




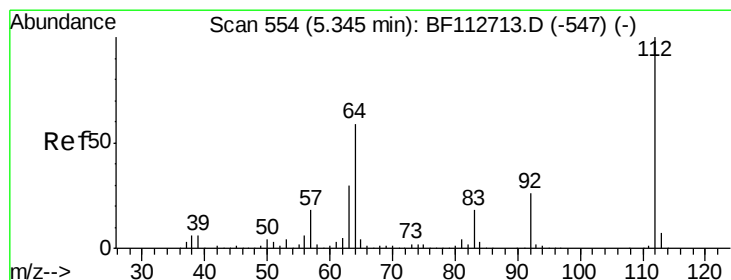
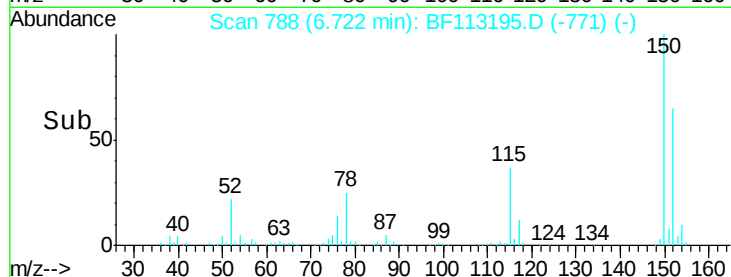
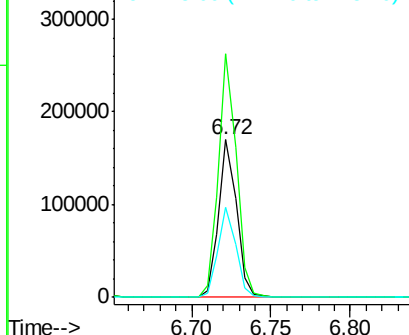
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

Instrument :
 BNA_F
 ClientSampleId :
 20190131-LOC-8

Tgt Ion:152 Resp: 133895
 Ion Ratio Lower Upper
 152 100
 150 154.5 123.0 184.6
 115 57.1 45.9 68.9

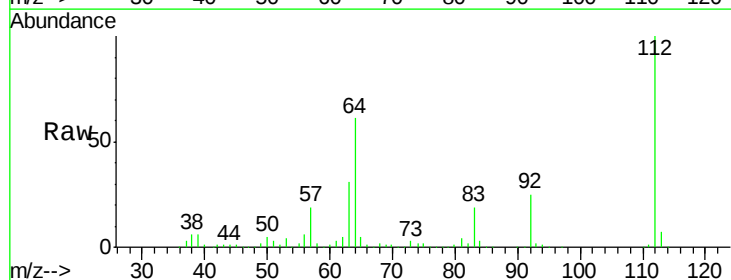


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

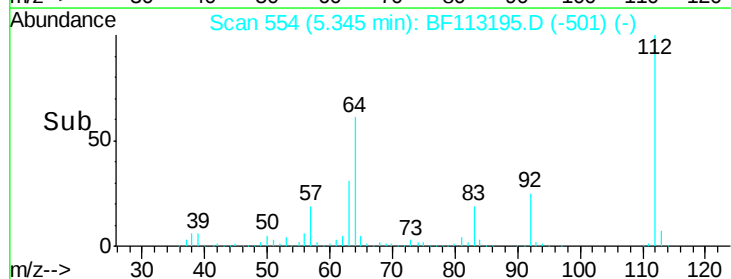
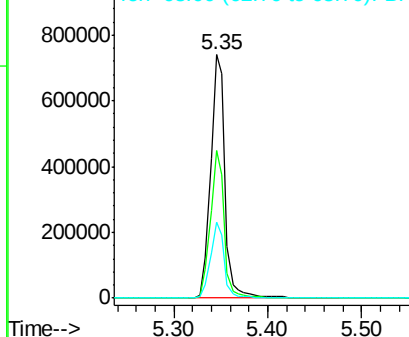


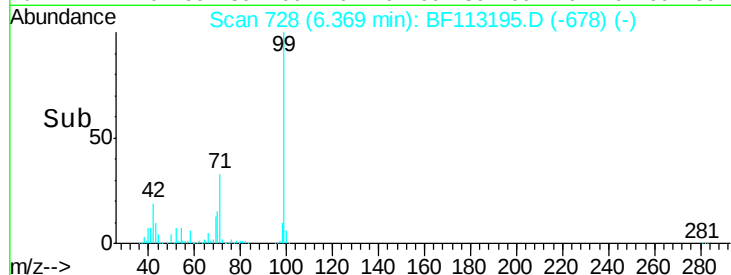
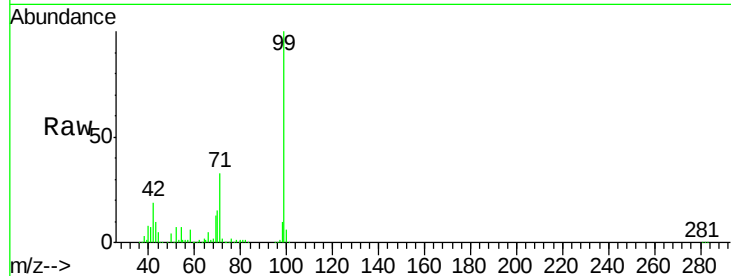
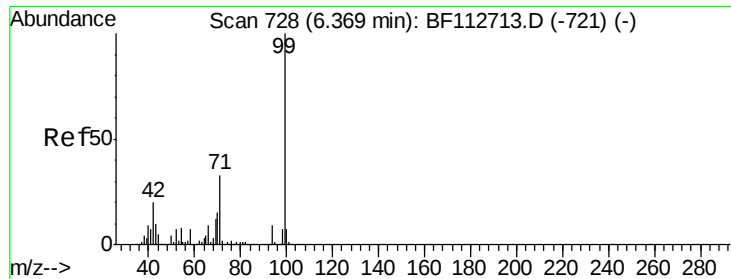
#5
 2-Fluorophenol
 Concen: 93.592 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

Tgt Ion:112 Resp: 805602
 Ion Ratio Lower Upper
 112 100
 64 60.8 49.3 73.9
 63 31.4 25.4 38.2



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: 83.547 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113195.D

Acq: 21 Mar 2019 3:53

Instrument :

BNA_F

ClientSampleId :

20190131-LOC-8

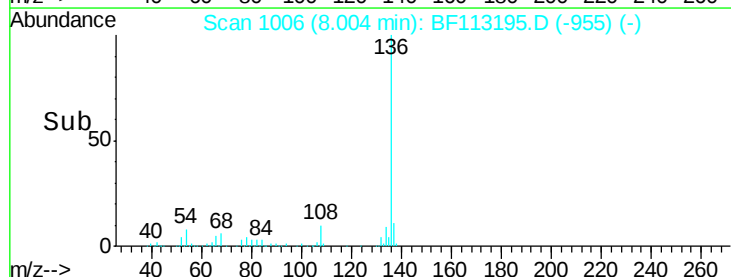
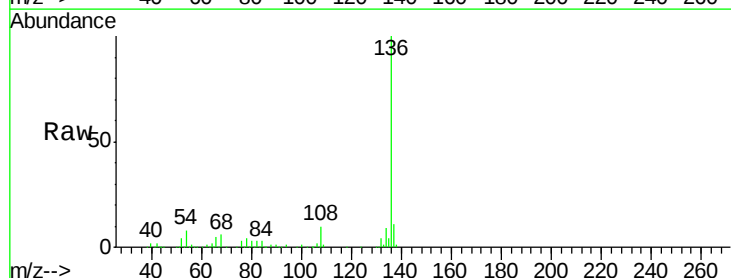
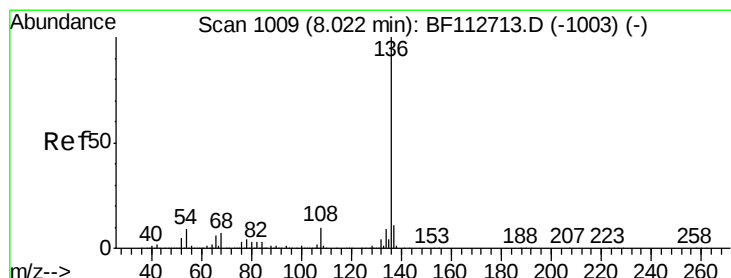
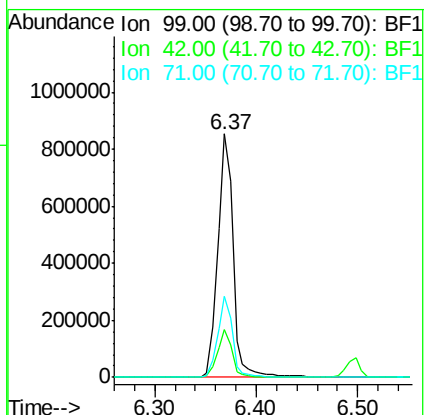
Tgt Ion: 99 Resp: 903352

Ion Ratio Lower Upper

99 100

42 19.4 15.2 22.8

71 33.2 25.7 38.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113195.D

Acq: 21 Mar 2019 3:53

Tgt Ion: 136 Resp: 457384

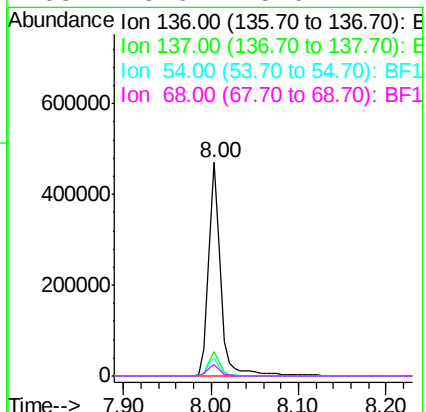
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.2 7.0 10.6

68 5.6 5.0 7.4

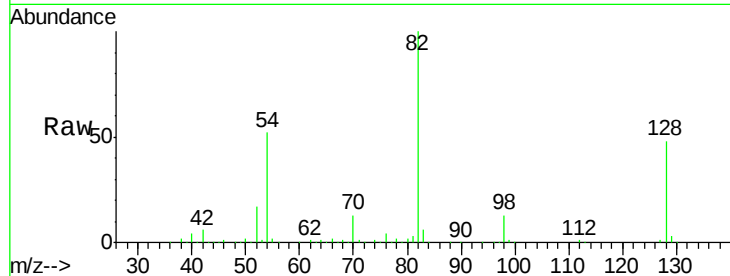




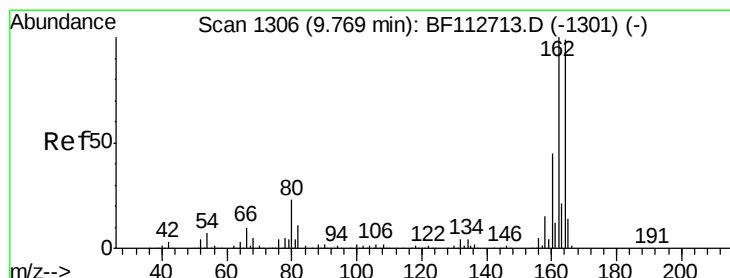
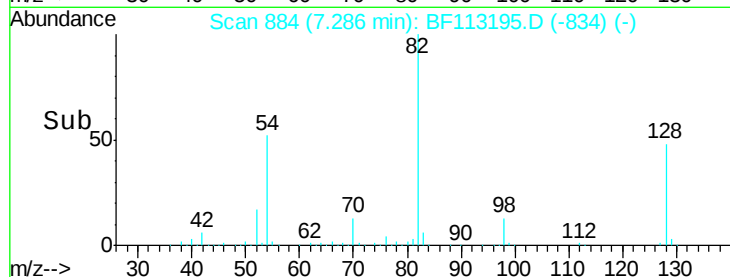
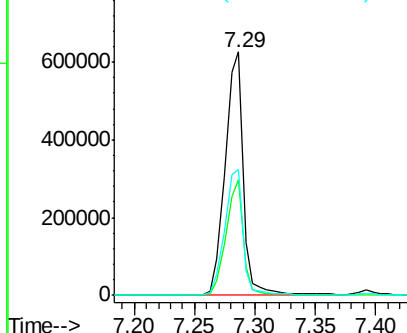
#23
 Nitrobenzene-d5
 Concen: 85.528 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

Instrument :
 BNA_F
 ClientSampleId :
 20190131-LOC-8

Tgt Ion: 82 Resp: 653754
 Ion Ratio Lower Upper
 82 100
 128 47.6 37.9 56.9
 54 51.6 41.2 61.8

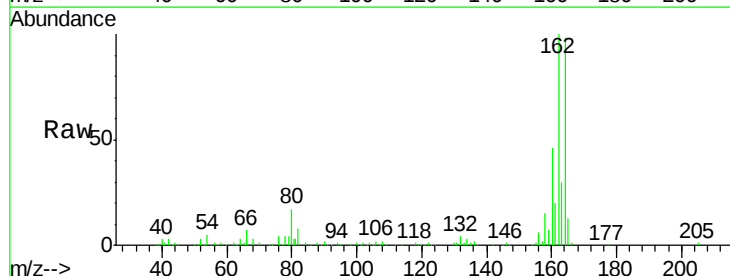


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

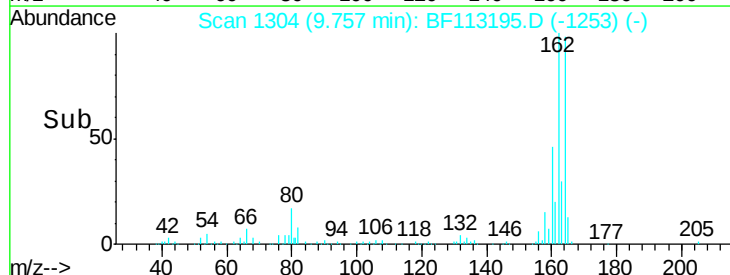
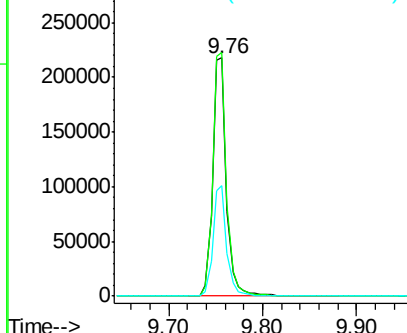


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

Tgt Ion: 164 Resp: 226695
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.8 121.2
 160 46.5 36.2 54.2



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

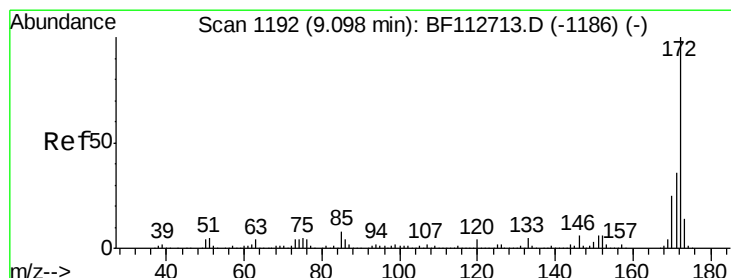
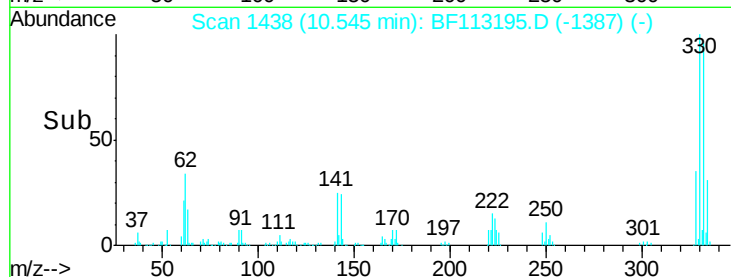
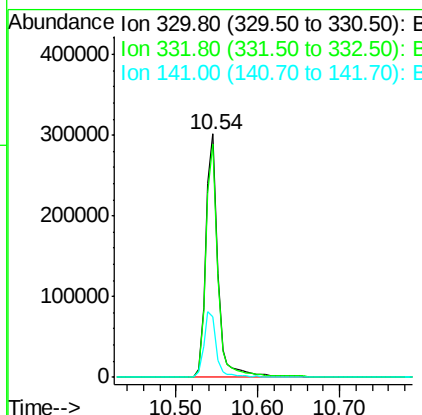
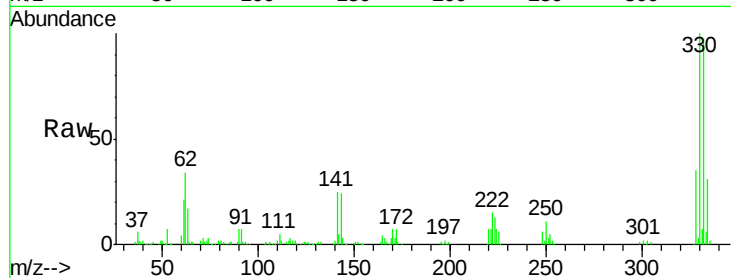




#42
 2,4,6-Tribromophenol
 Concen: 130.298 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

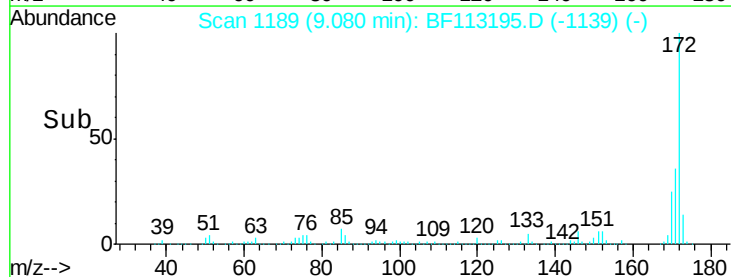
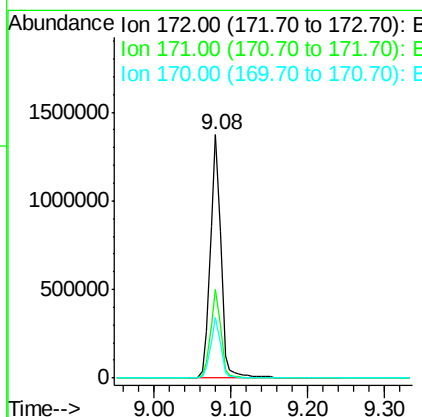
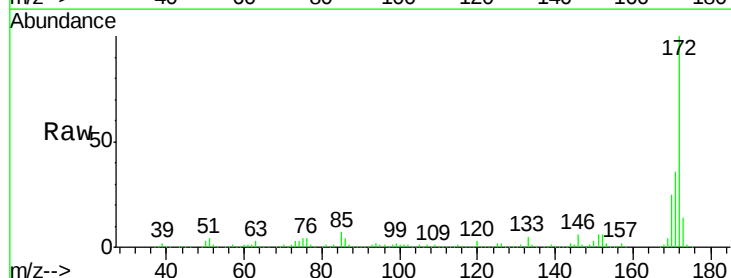
Instrument :
 BNA_F
 ClientSampleId :
 20190131-LOC-8

Tgt Ion:330 Resp: 313581
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.3 114.5
 141 28.4 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 99.913 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

Tgt Ion:172 Resp: 1304211
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.6 20.1 30.1

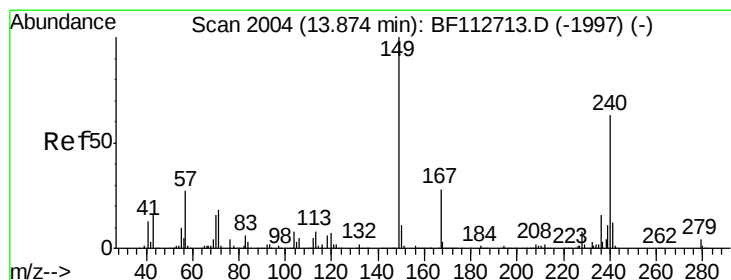
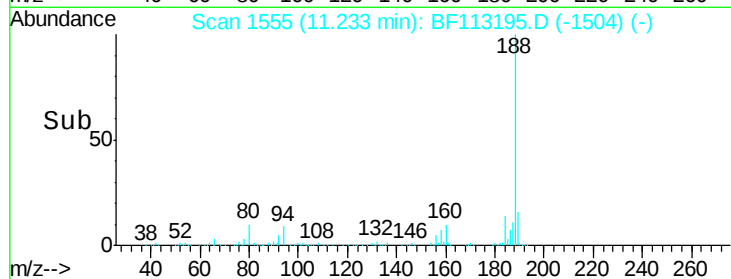
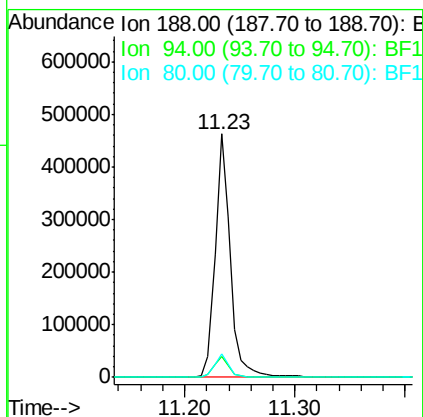
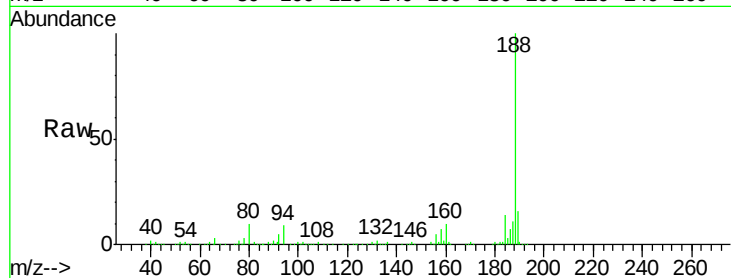




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113195.D
Acq: 21 Mar 2019 3:53

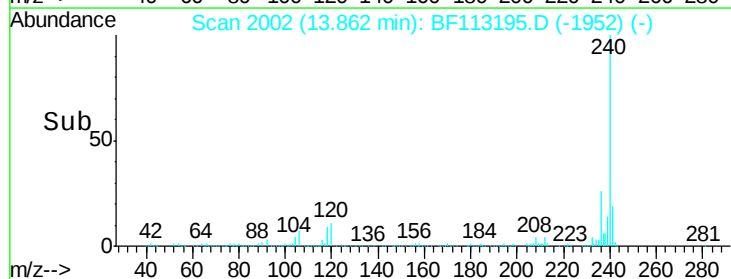
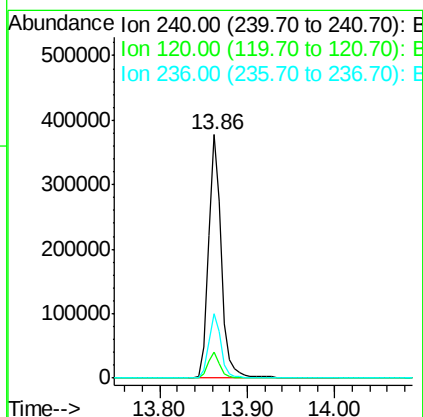
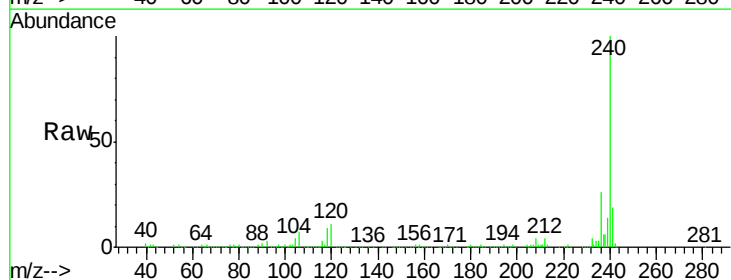
Instrument :
BNA_F
ClientSampleId :
20190131-LOC-8

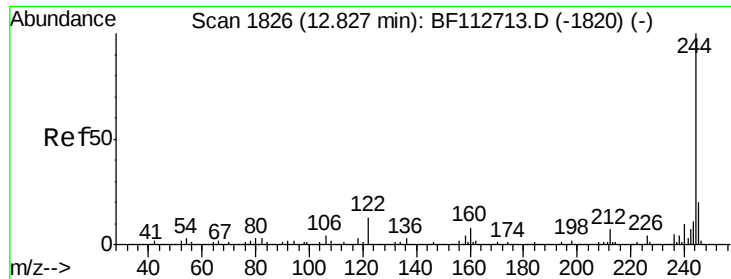
Tgt Ion:188 Resp: 437108
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113195.D
Acq: 21 Mar 2019 3:53

Tgt Ion:240 Resp: 382758
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 26.3 21.2 31.8

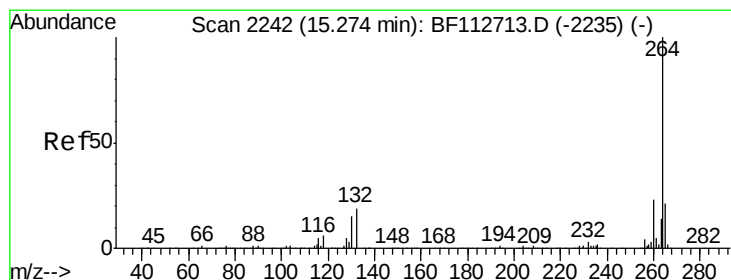
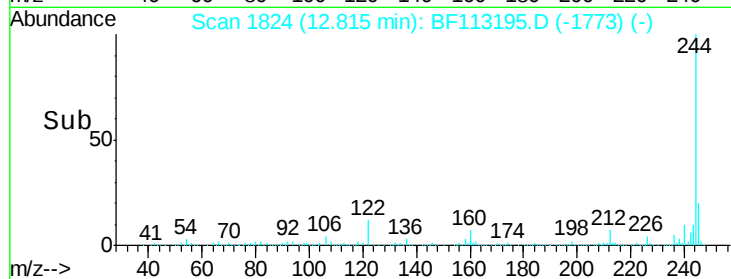
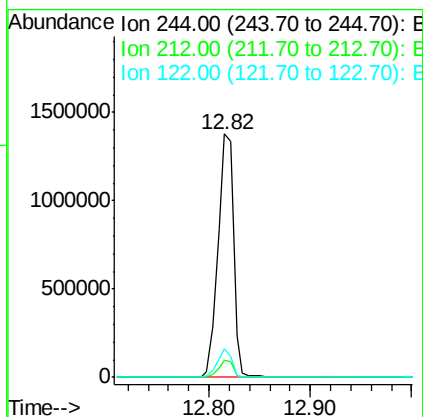
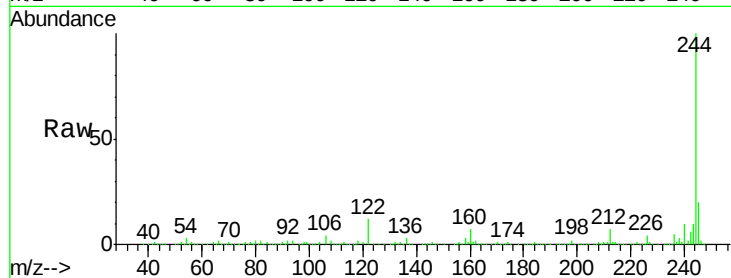




#79
 Terphenyl-d14
 Concen: 74.880 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

Instrument :
 BNA_F
 ClientSampleId :
 20190131-LOC-8

Tgt Ion:244 Resp: 1478512
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.5 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: BF113195.D
 Acq: 21 Mar 2019 3:53

Tgt Ion:264 Resp: 292966
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.9 17.7 26.5

