

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113194.D
 Acq On : 21 Mar 2019 3:23
 Operator : JU/SJ
 Sample : K1943-17
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190130-LOC-7

Quant Time: Mar 21 16:23:23 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	154626	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	520592	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	221147	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	419555	20.00	ng	0.00
76) Chrysene-d12	13.86	240	382122	20.00	ng	0.00
87) Perylene-d12	15.27	264	287736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	879435	88.47	ng	0.01
7) Phenol-d6	6.37	99	920137	73.69	ng	0.00
23) Nitrobenzene-d5	7.29	82	738438	84.88	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	302010	128.64	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1325402	106.21	ng	0.00
79) Terphenyl-d14	12.82	244	1428550	72.47	ng	0.00

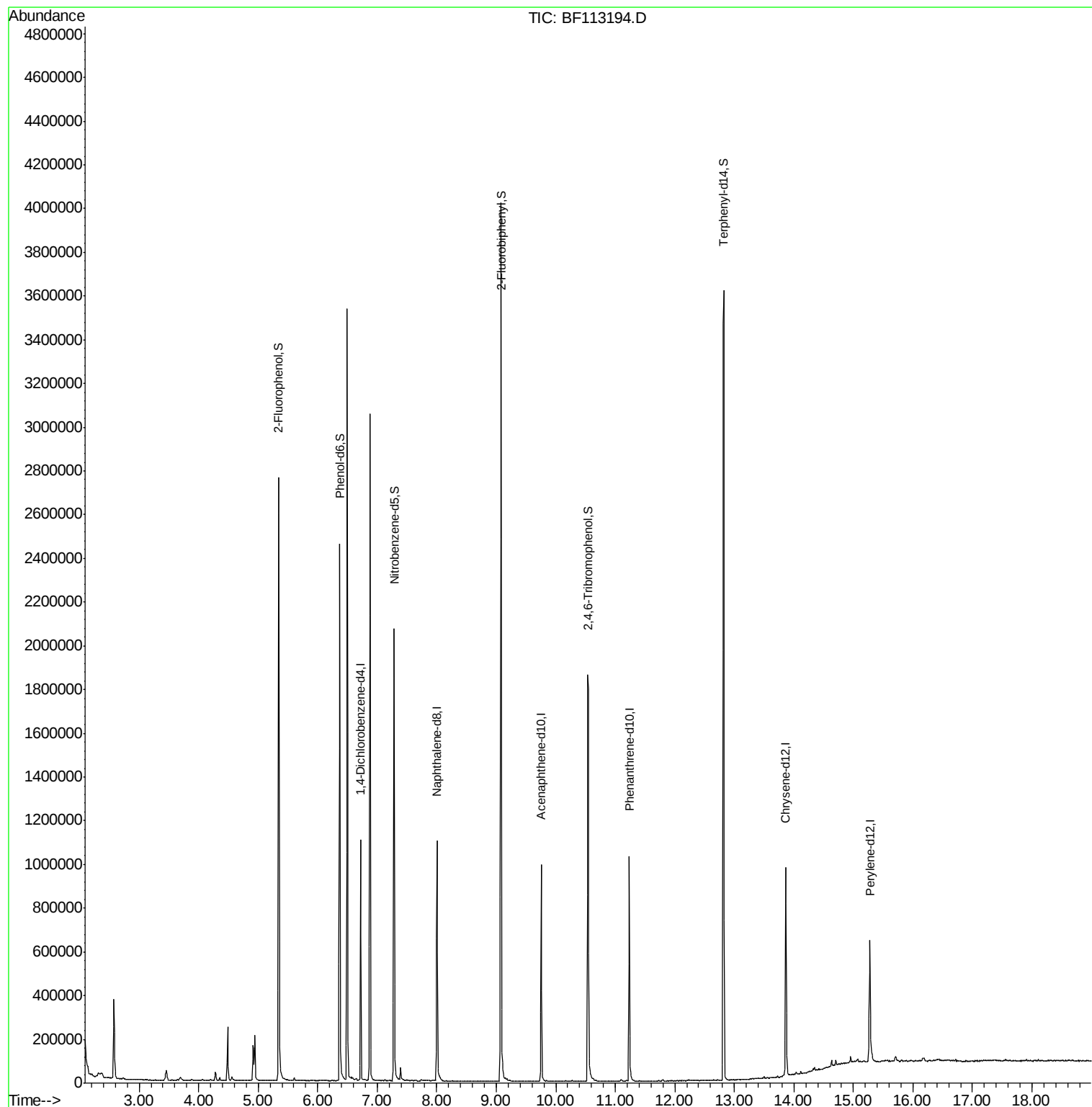
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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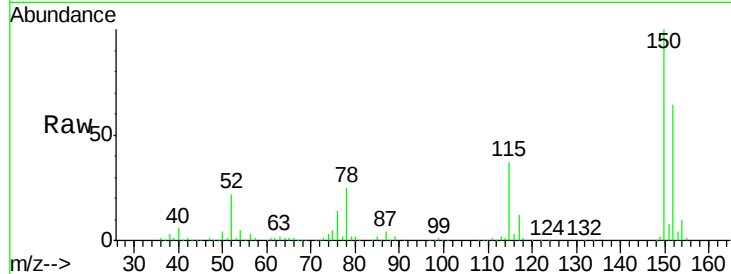


#1

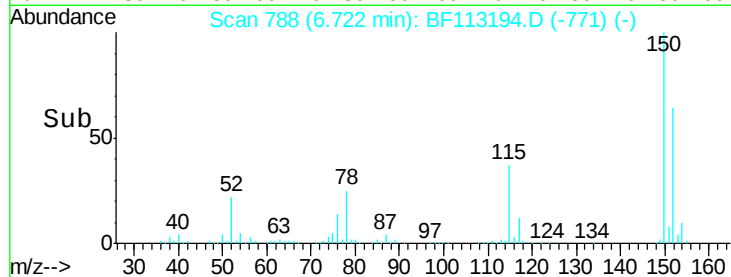
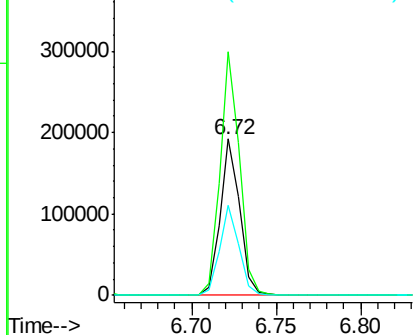
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113194.D
Acq: 21 Mar 2019 3:23

Instrument :
BNA_F
ClientSampleId :
20190130-LOC-7

Tgt Ion:152 Resp: 154626
Ion Ratio Lower Upper
152 100
150 155.9 123.0 184.6
115 57.9 45.9 68.9



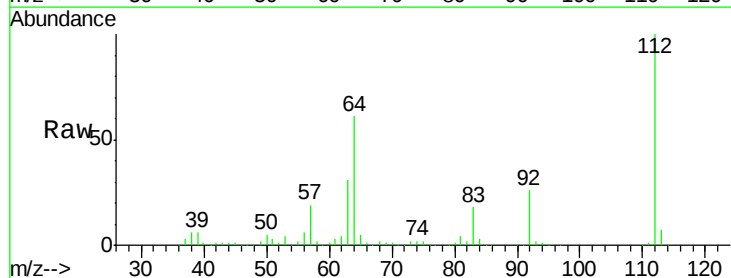
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



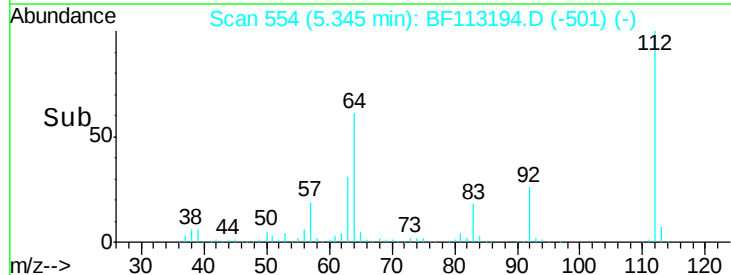
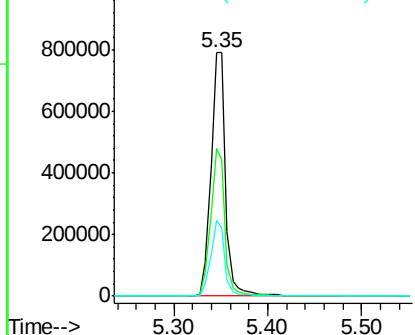
#5

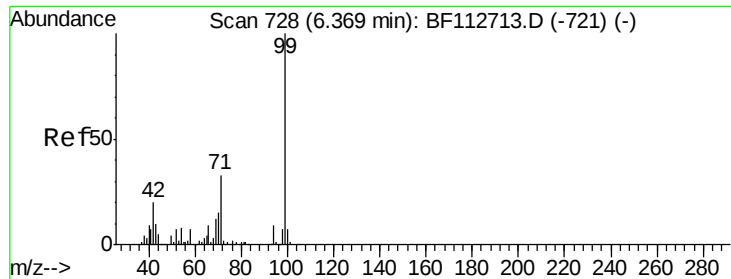
2-Fluorophenol
Concen: 88.472 ng
RT: 5.35 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF113194.D
Acq: 21 Mar 2019 3:23

Tgt Ion:112 Resp: 879435
Ion Ratio Lower Upper
112 100
64 60.9 49.3 73.9
63 31.2 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: 73.690 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113194.D

Acq: 21 Mar 2019 3:23

Instrument :

BNA_F

ClientSampleId :

20190130-LOC-7

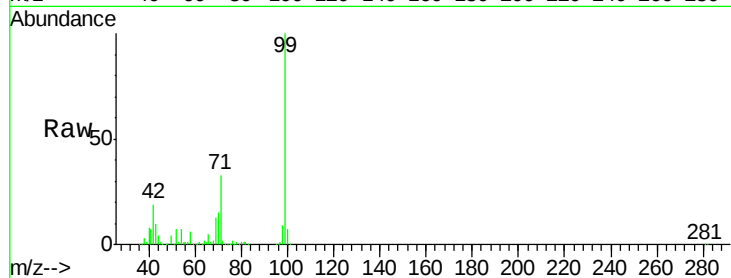
Tgt Ion: 99 Resp: 920137

Ion Ratio Lower Upper

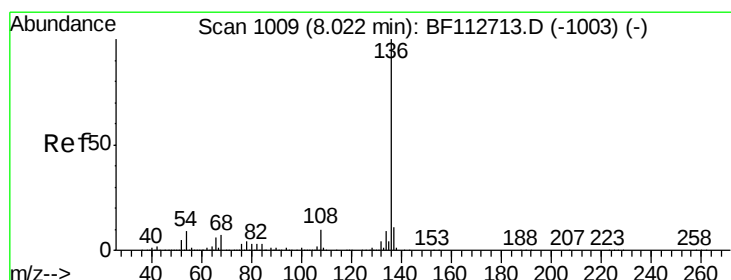
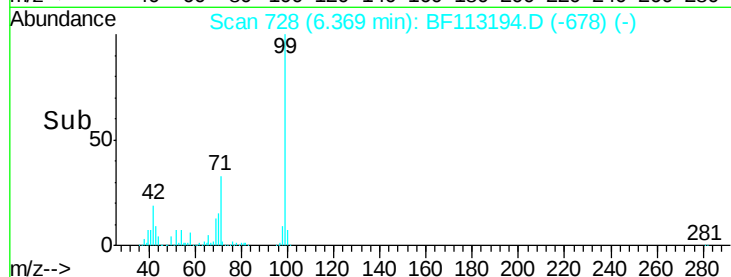
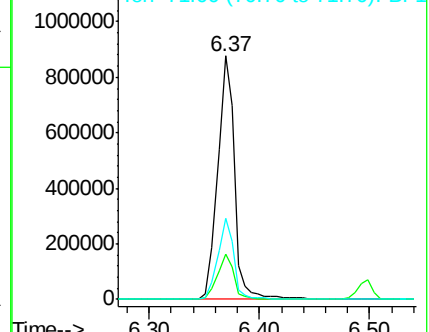
99 100

42 18.8 15.2 22.8

71 33.0 25.7 38.5



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. -0.00 min

Lab File: BF113194.D

Acq: 21 Mar 2019 3:23

Tgt Ion: 136 Resp: 520592

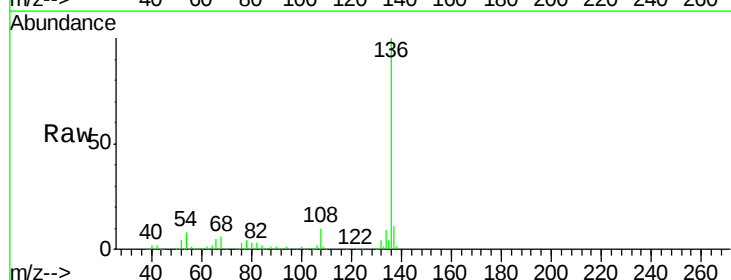
Ion Ratio Lower Upper

136 100

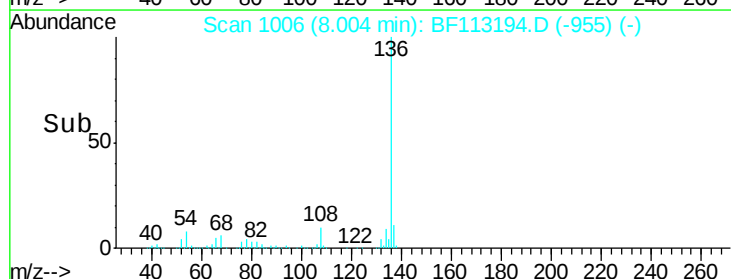
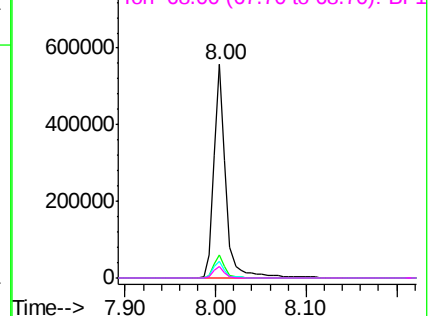
137 11.0 8.9 13.3

54 8.0 7.0 10.6

68 5.5 5.0 7.4



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

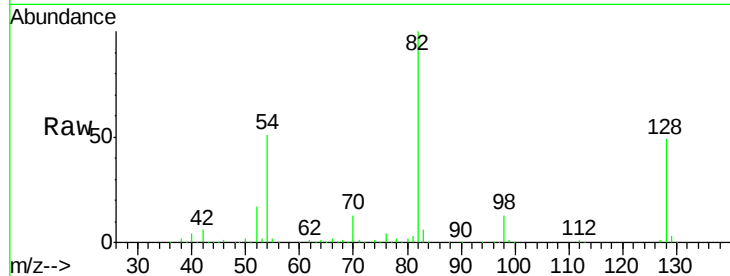




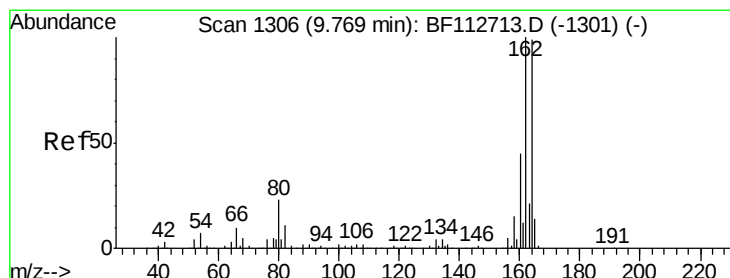
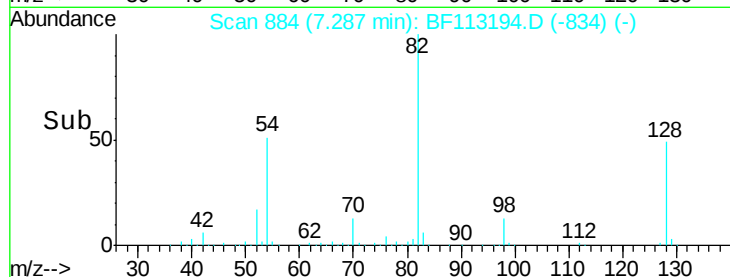
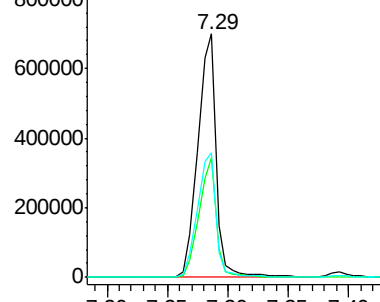
#23
 Nitrobenzene-d5
 Concen: 84.878 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113194.D
 Acq: 21 Mar 2019 3:23

Instrument :
 BNA_F
 ClientSampleId :
 20190130-LOC-7

Tgt Ion: 82 Resp: 738438
 Ion Ratio Lower Upper
 82 100
 128 49.1 37.9 56.9
 54 51.1 41.2 61.8

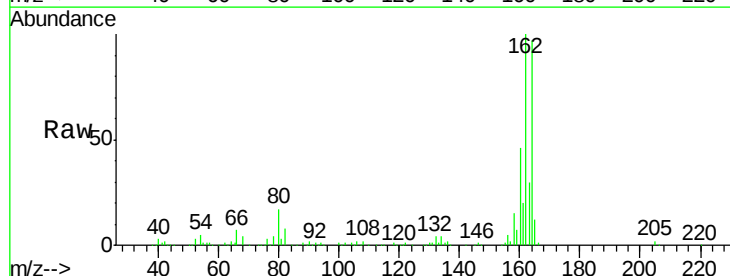


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

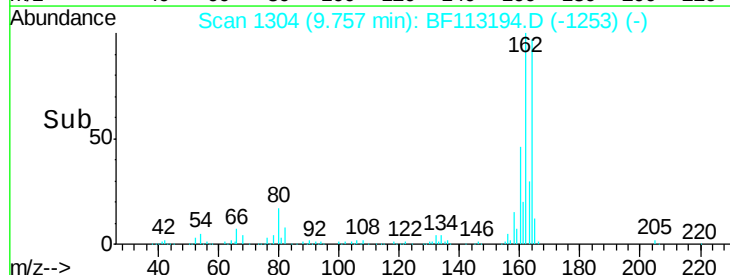
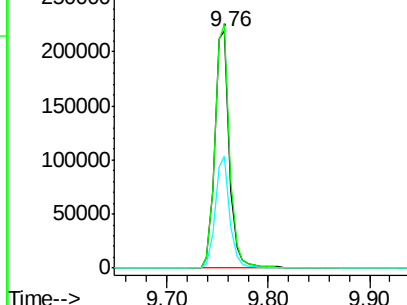


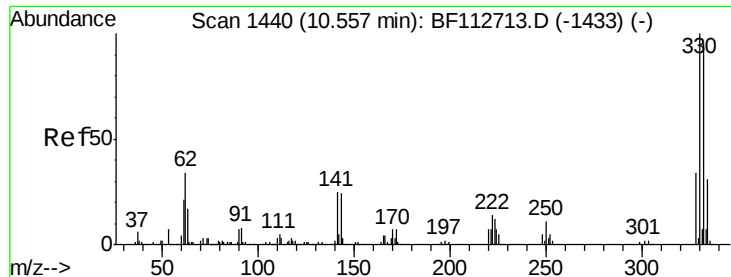
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF113194.D
 Acq: 21 Mar 2019 3:23

Tgt Ion: 164 Resp: 221147
 Ion Ratio Lower Upper
 164 100
 162 102.9 80.8 121.2
 160 47.0 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

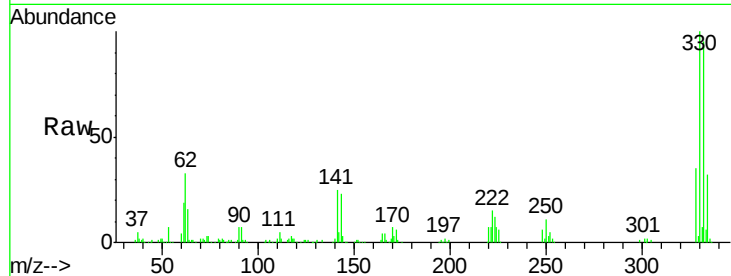




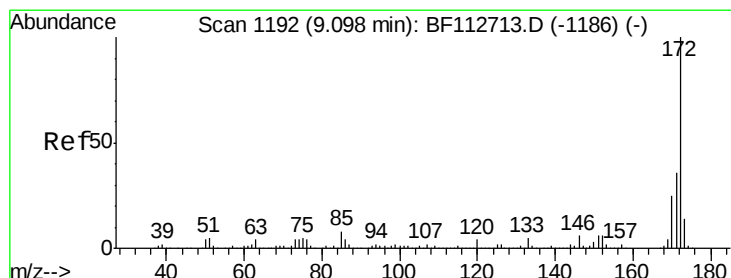
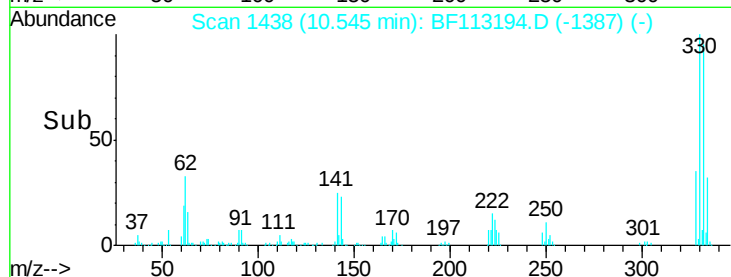
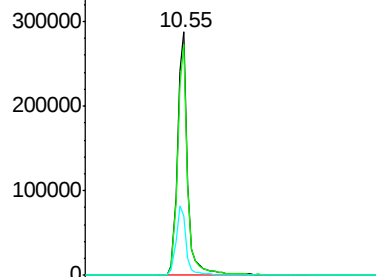
#42
 2,4,6-Tribromophenol
 Concen: 128.638 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF113194.D
 Acq: 21 Mar 2019 3:23

Instrument :
 BNA_F
 ClientSampleId :
 20190130-LOC-7

Tgt Ion:330 Resp: 302010
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.3 114.5
 141 29.0 22.3 33.5

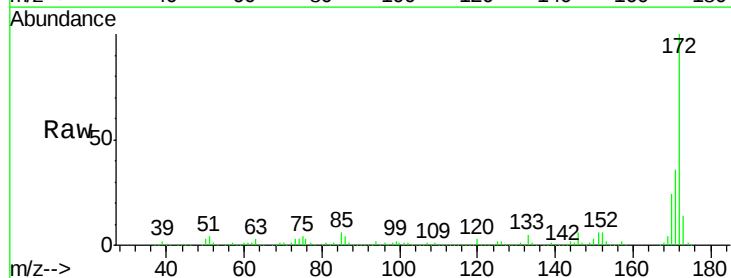


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

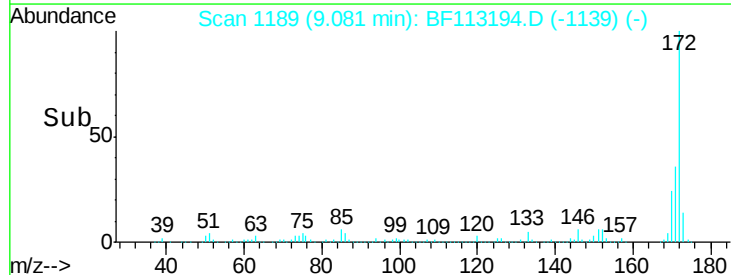
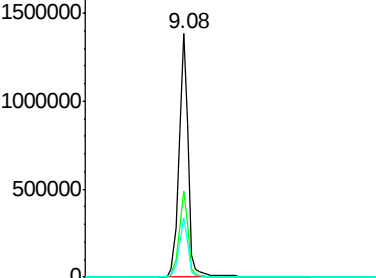


#45
 2-Fluorobiphenyl
 Concen: 106.215 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113194.D
 Acq: 21 Mar 2019 3:23

Tgt Ion:172 Resp: 1325402
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.4
 170 24.3 20.1 30.1



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

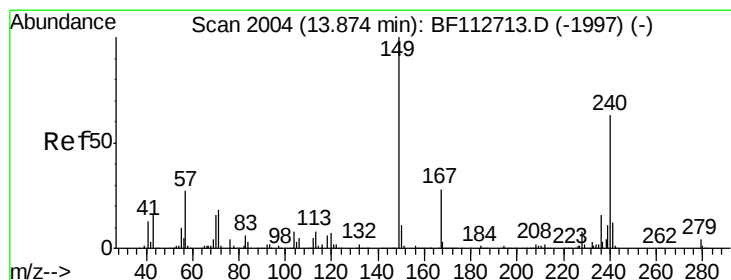
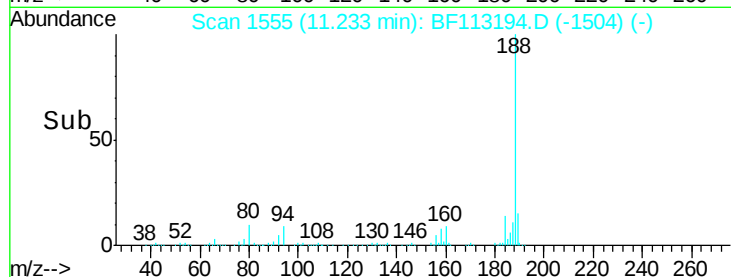
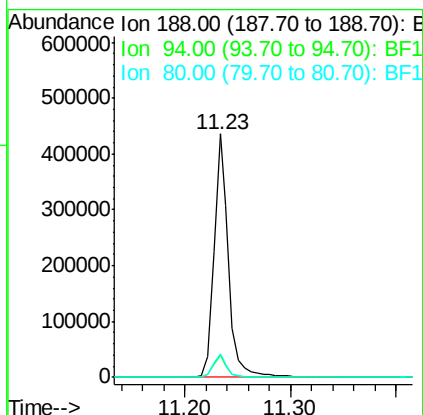
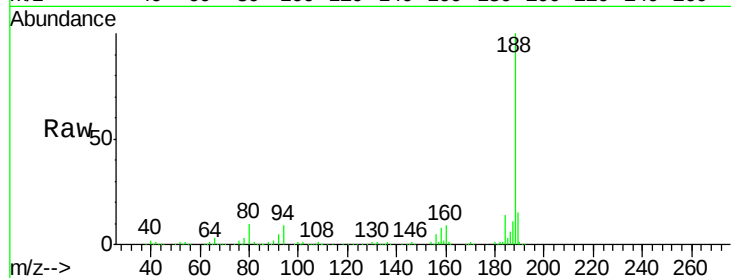




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113194.D
Acq: 21 Mar 2019 3:23

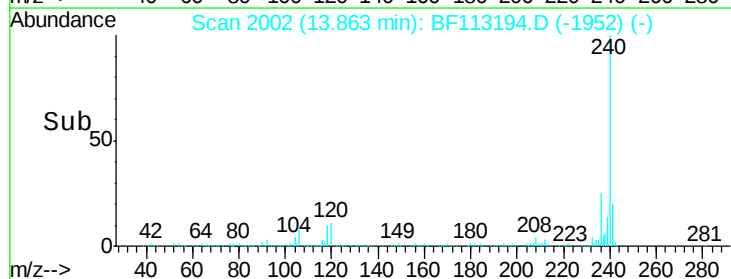
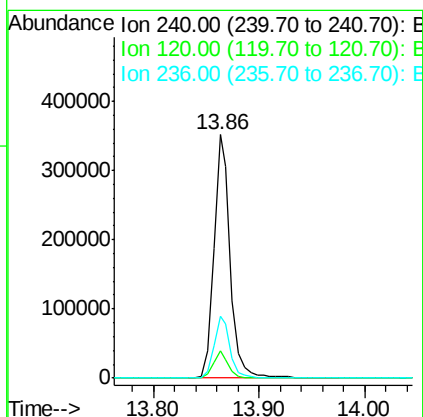
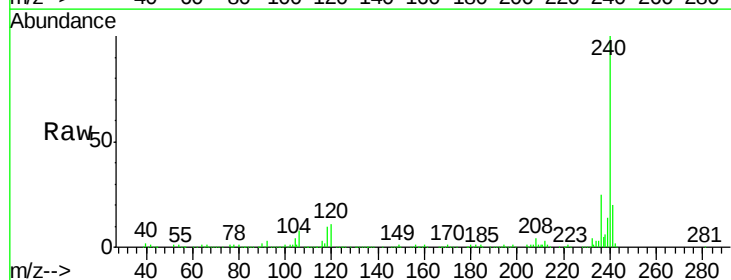
Instrument :
BNA_F
ClientSampleId :
20190130-LOC-7

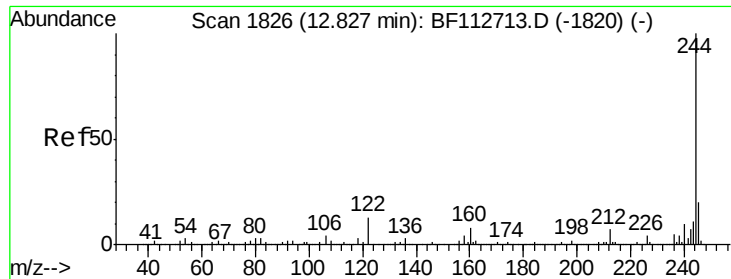
Tgt Ion:188 Resp: 419555
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113194.D
Acq: 21 Mar 2019 3:23

Tgt Ion:240 Resp: 382122
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.2 21.2 31.8

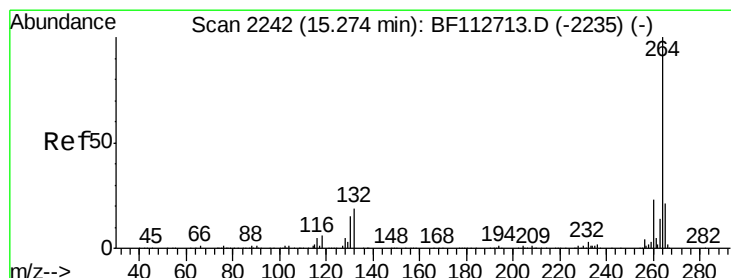
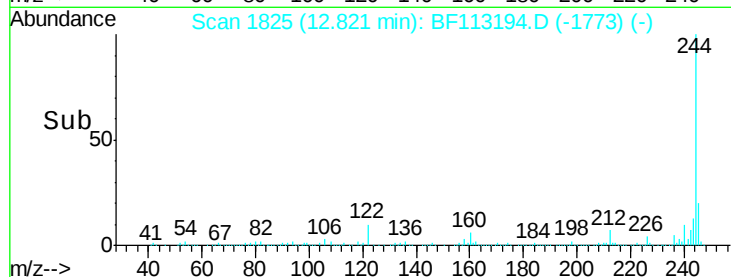
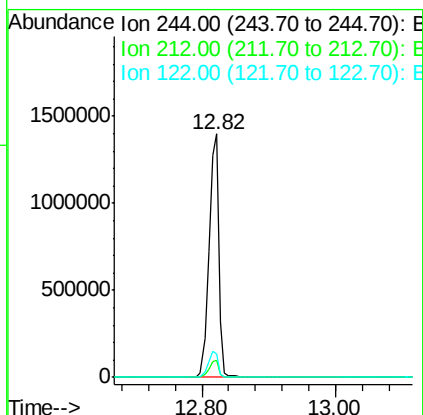
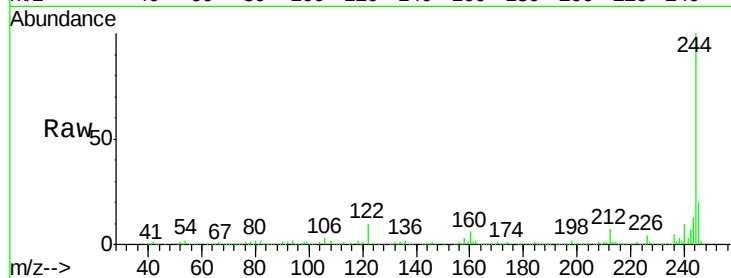




#79
 Terphenyl-d14
 Concen: 72.470 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF113194.D
 Acq: 21 Mar 2019 3:23

Instrument :
 BNA_F
 ClientSampleId :
 20190130-LOC-7

Tgt Ion:244 Resp: 1428550
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 9.6 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: BF113194.D
 Acq: 21 Mar 2019 3:23

Tgt Ion:264 Resp: 287736
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.8 17.7 26.5

