

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113190.D
 Acq On : 21 Mar 2019 1:25
 Operator : JU/SJ
 Sample : K1943-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190126-LOC-3

Quant Time: Mar 21 16:18:44 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	120748	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	451332	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	213531	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	399824	20.00	ng	0.00
76) Chrysene-d12	13.86	240	370854	20.00	ng	0.00
87) Perylene-d12	15.27	264	271753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	800183	103.08	ng	0.02
7) Phenol-d6	6.37	99	836582	85.80	ng	0.00
23) Nitrobenzene-d5	7.29	82	633835	84.03	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	307646	135.71	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1294410	108.08	ng	0.00
79) Terphenyl-d14	12.82	244	1331677	69.61	ng	0.00

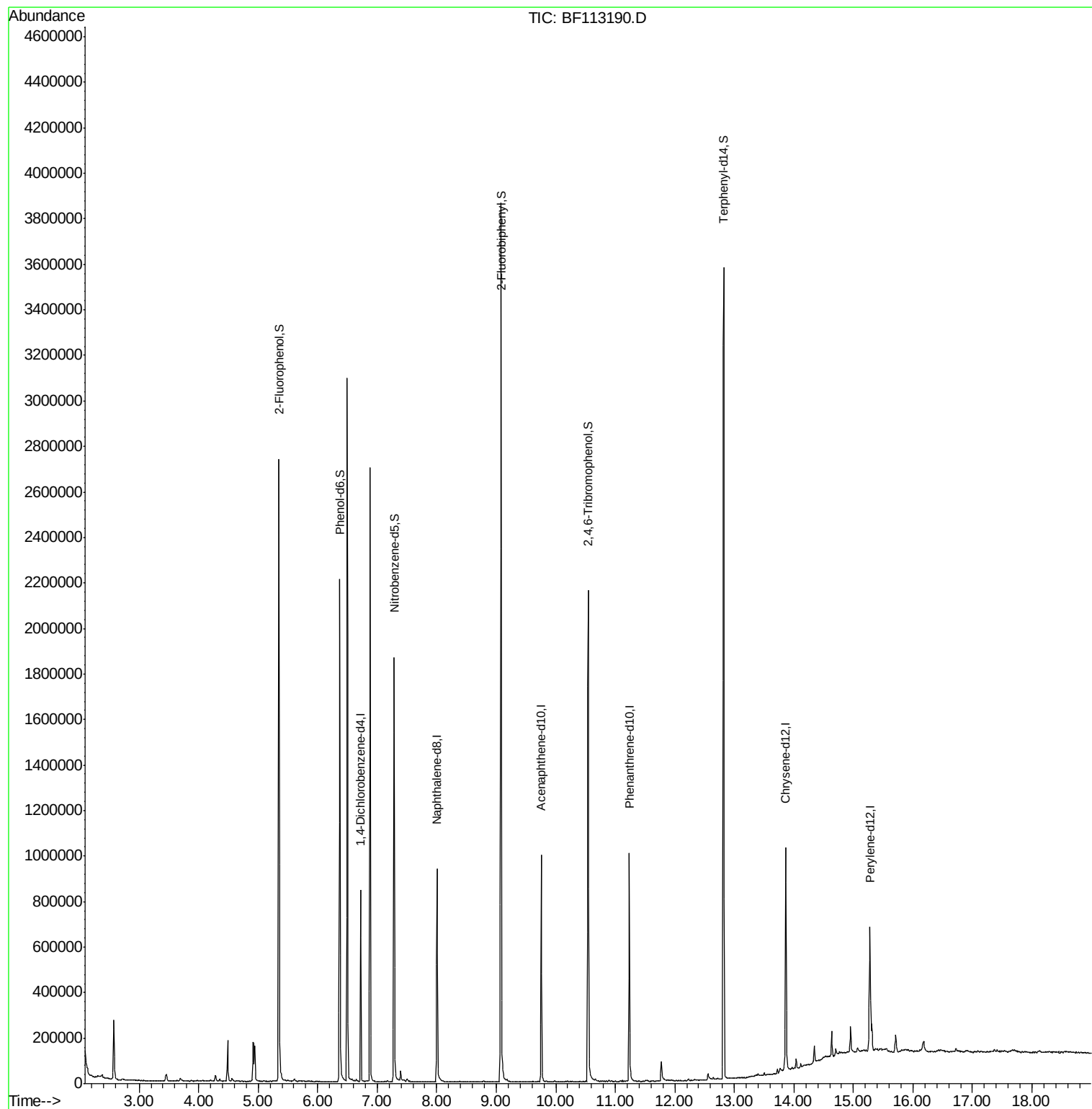
Target Compounds	Qvalue
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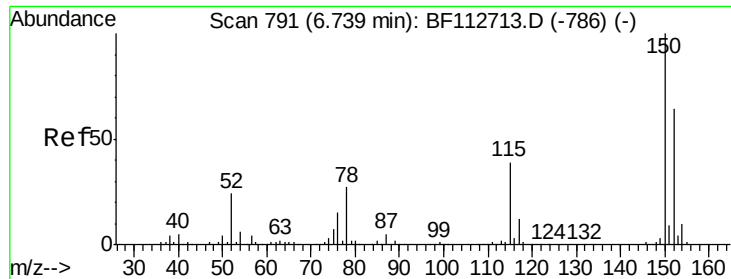
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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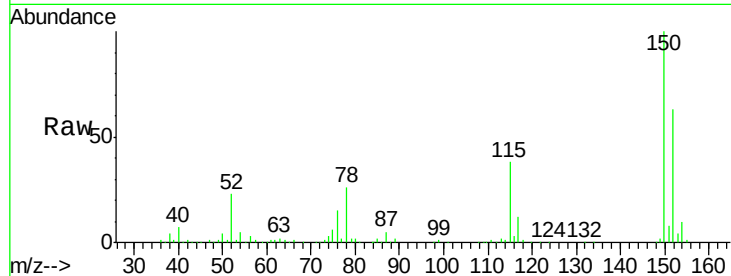


#1

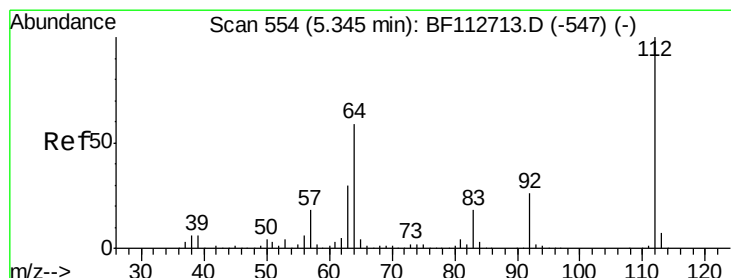
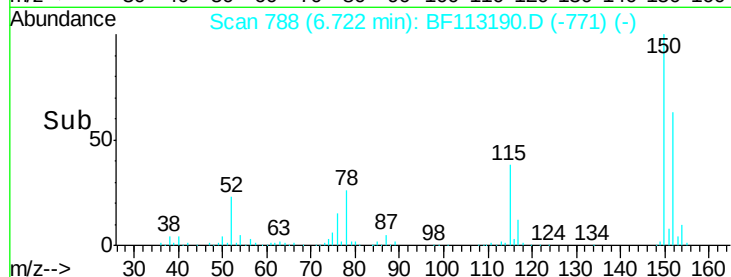
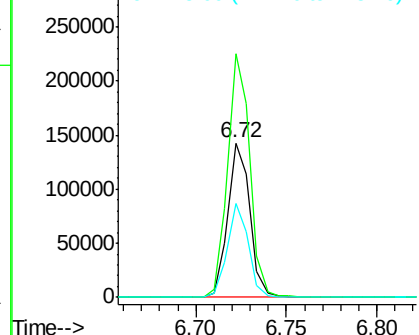
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF113190.D
 Acq: 21 Mar 2019 1:25

Instrument :
 BNA_F
 ClientSampleId :
 20190126-LOC-3

Tgt Ion:152 Resp: 120748
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.0 184.6
 115 60.4 45.9 68.9



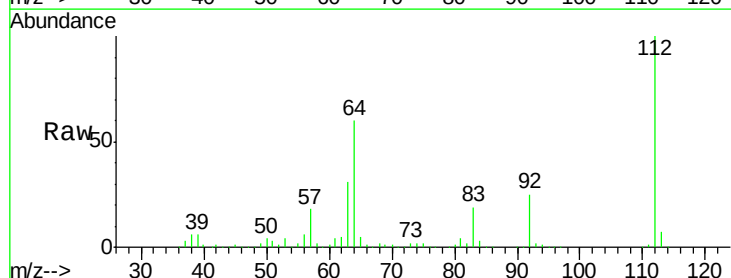
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



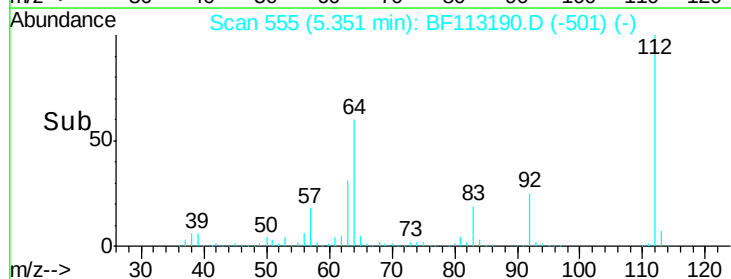
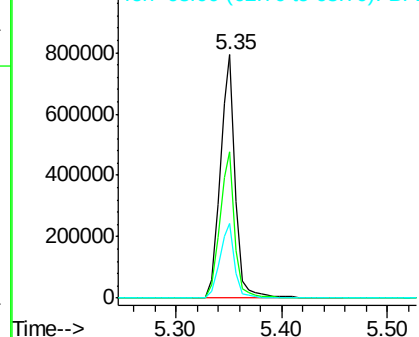
#5

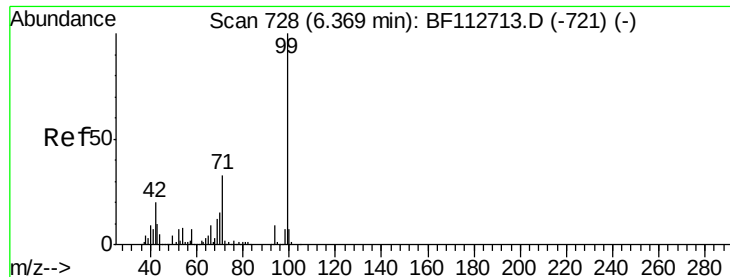
2-Fluorophenol
 Concen: 103.084 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.02 min
 Lab File: BF113190.D
 Acq: 21 Mar 2019 1:25

Tgt Ion:112 Resp: 800183
 Ion Ratio Lower Upper
 112 100
 64 60.0 49.3 73.9
 63 30.6 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: 85.795 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113190.D

Acq: 21 Mar 2019 1:25

Instrument :

BNA_F

ClientSampleId :

20190126-LOC-3

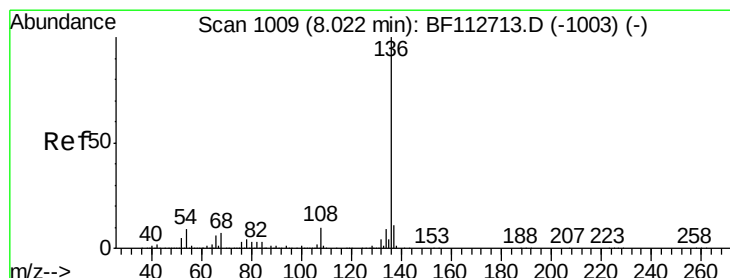
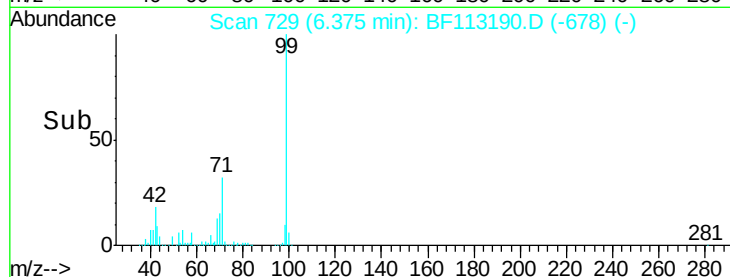
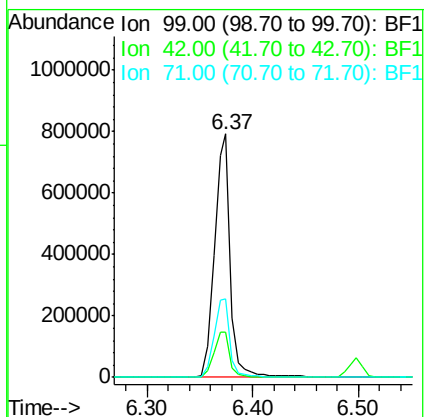
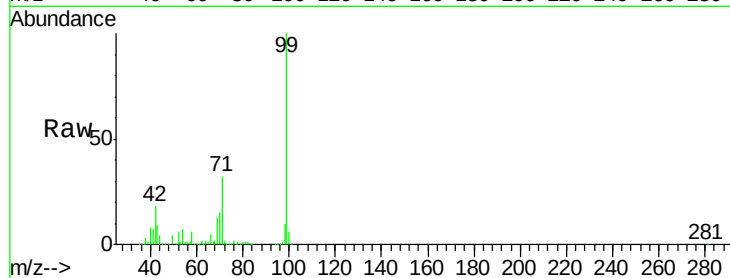
Tgt Ion: 99 Resp: 836582

Ion Ratio Lower Upper

99 100

42 18.3 15.2 22.8

71 32.3 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: BF113190.D

Acq: 21 Mar 2019 1:25

Tgt Ion: 136 Resp: 451332

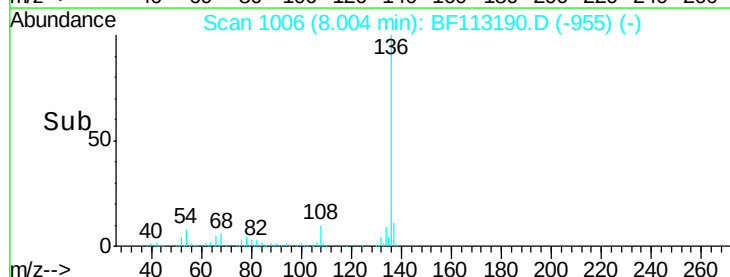
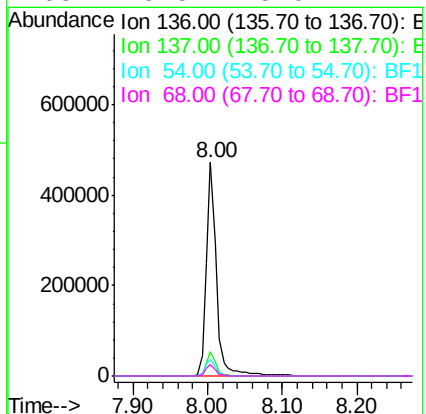
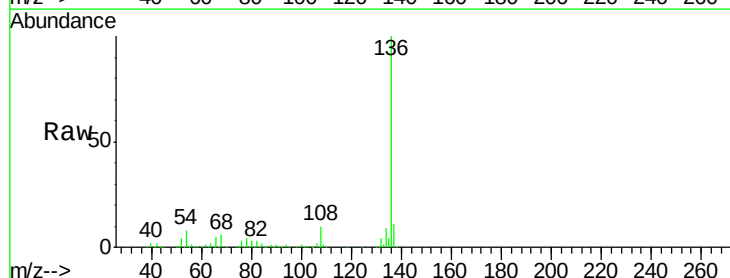
Ion Ratio Lower Upper

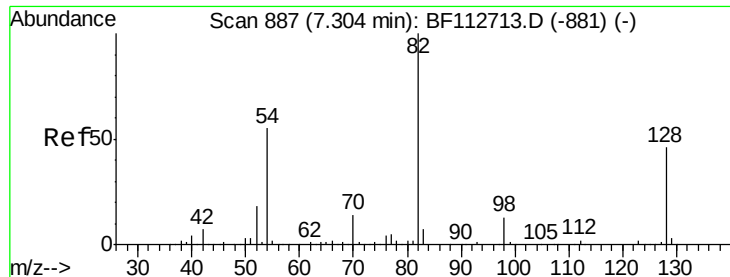
136 100

137 11.3 8.9 13.3

54 8.0 7.0 10.6

68 5.5 5.0 7.4

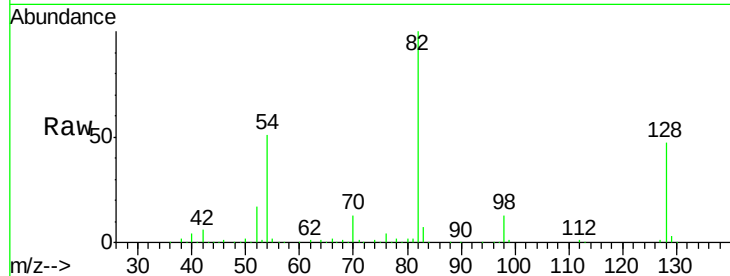




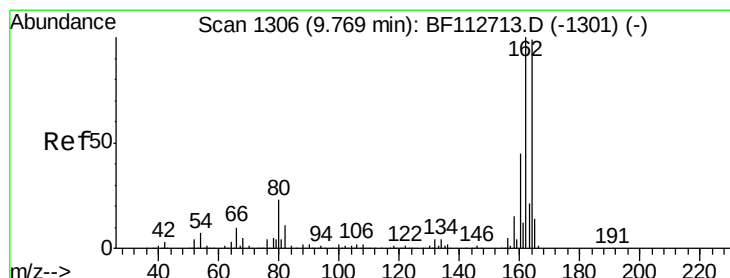
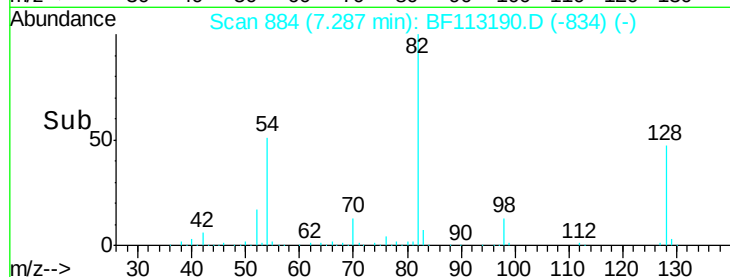
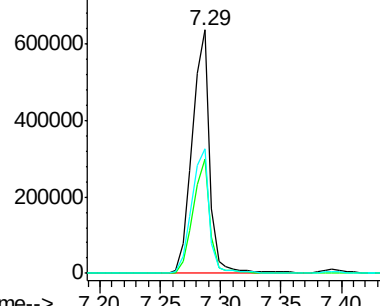
#23
 Nitrobenzene-d5
 Concen: 84.034 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113190.D
 Acq: 21 Mar 2019 1:25

Instrument :
 BNA_F
 ClientSampleId :
 20190126-LOC-3

Tgt Ion: 82 Resp: 633835
 Ion Ratio Lower Upper
 82 100
 128 47.0 37.9 56.9
 54 51.2 41.2 61.8

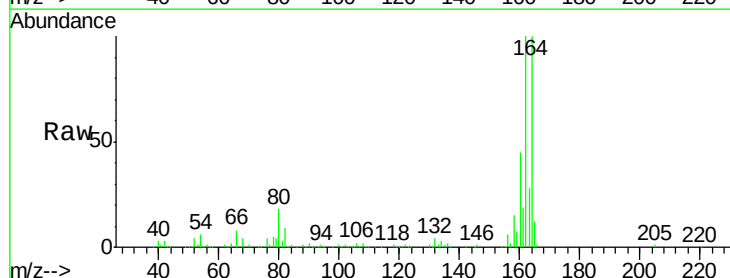


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

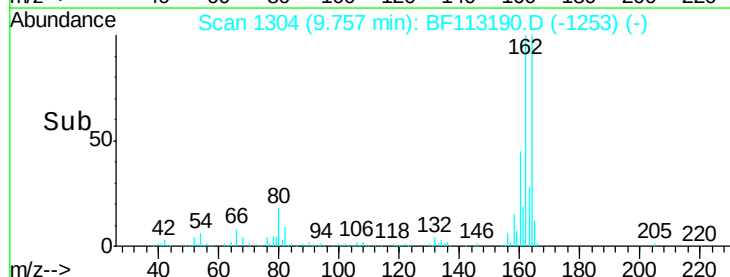
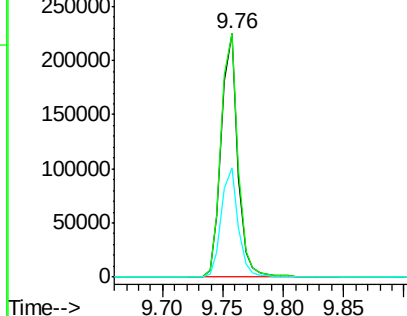


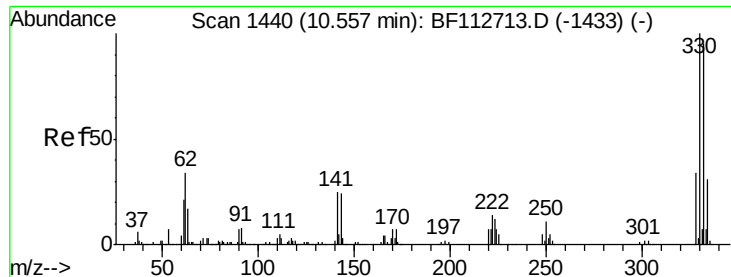
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF113190.D
 Acq: 21 Mar 2019 1:25

Tgt Ion: 164 Resp: 213531
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.8 121.2
 160 45.1 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: 135.712 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF113190.D

Acq: 21 Mar 2019 1:25

Instrument :

BNA_F

ClientSampleId :

20190126-LOC-3

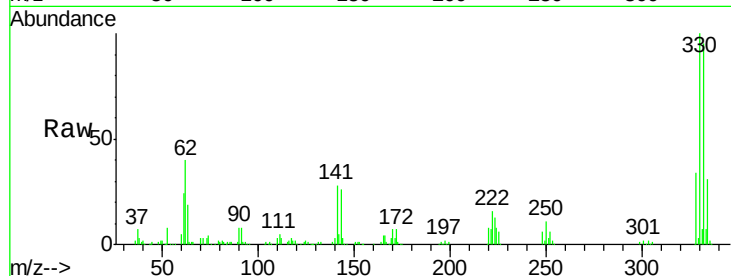
Tgt Ion:330 Resp: 307646

Ion Ratio Lower Upper

330 100

332 96.1 76.3 114.5

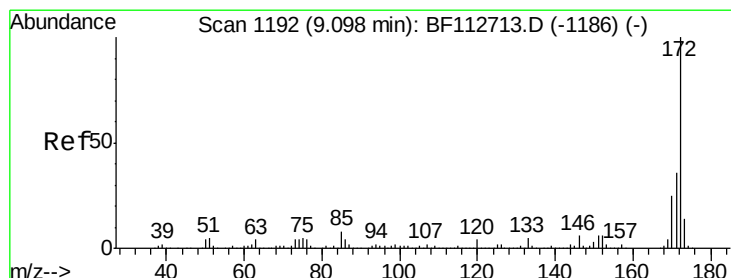
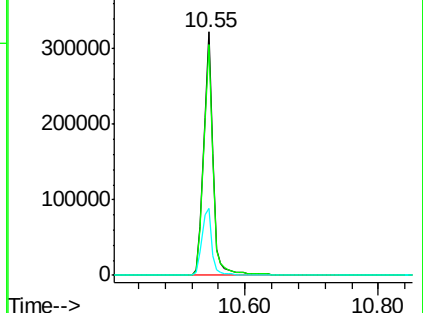
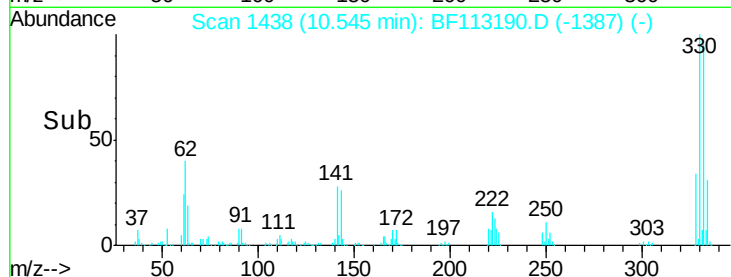
141 29.1 22.3 33.5



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: 108.085 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113190.D

Acq: 21 Mar 2019 1:25

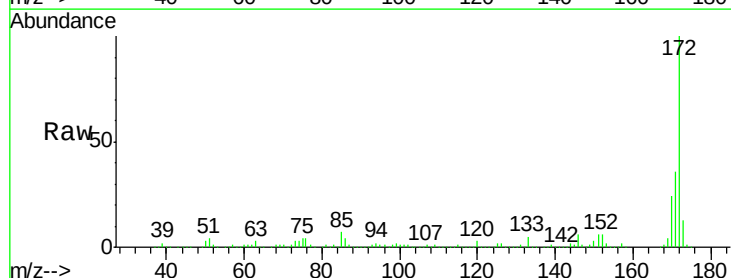
Tgt Ion:172 Resp: 1294410

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

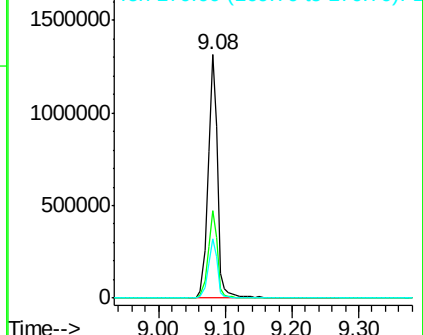
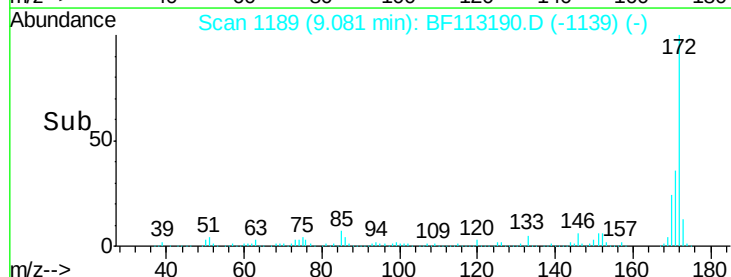
170 24.3 20.1 30.1

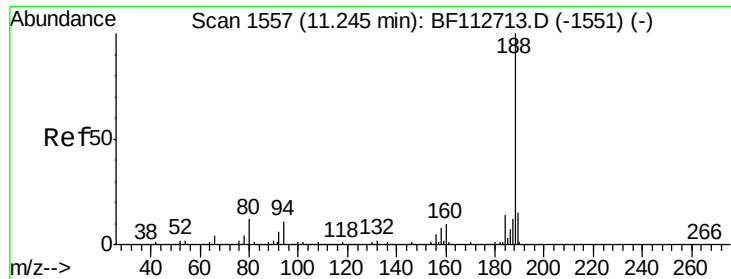


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

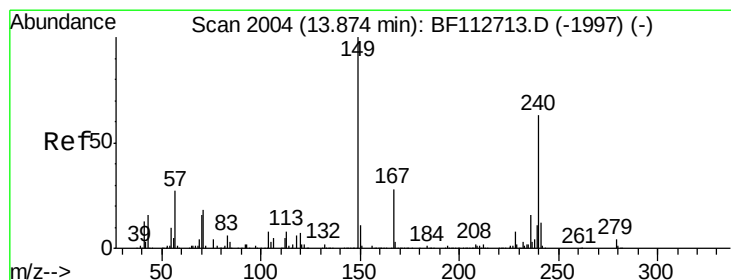
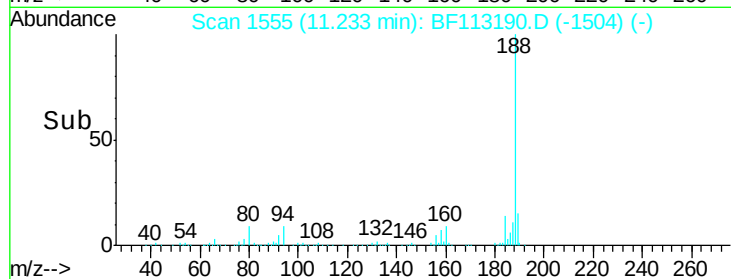
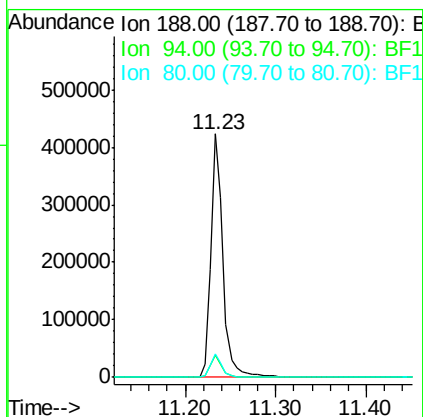
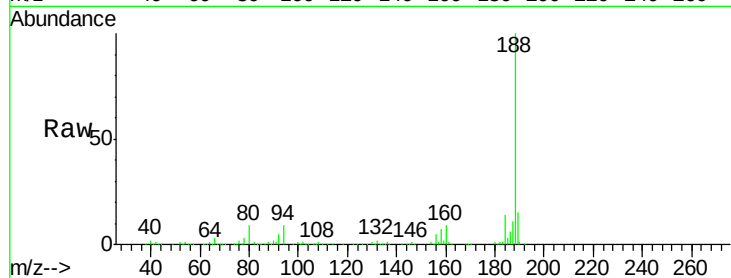




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

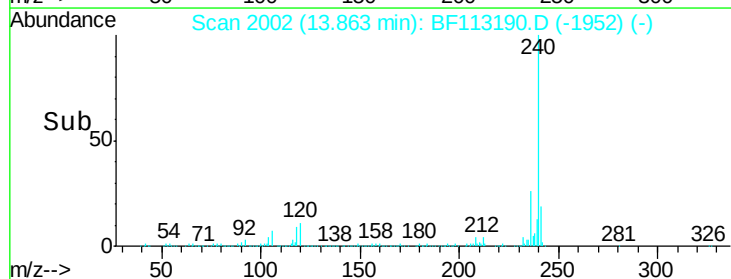
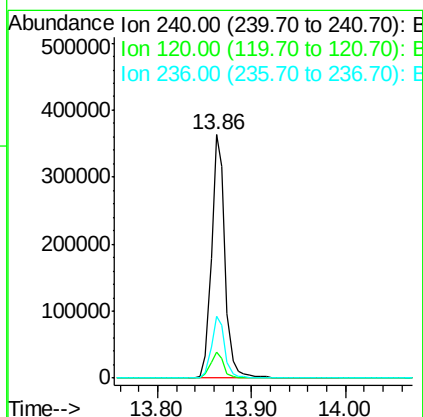
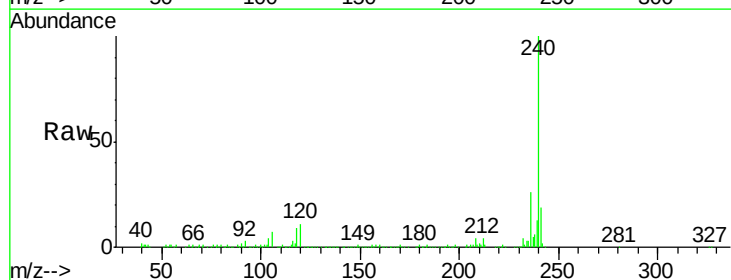
Instrument :
BNA_F
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20190126-LOC-3

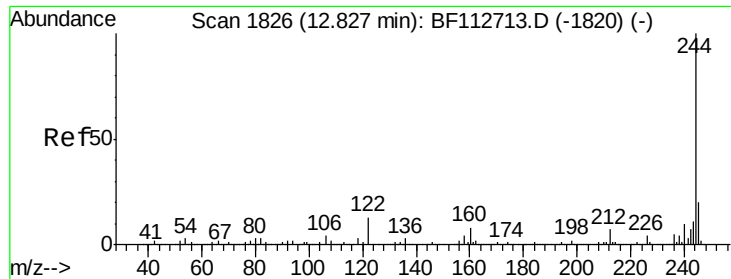
Tgt Ion:188 Resp: 399824
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113190.D
Acq: 21 Mar 2019 1:25

Tgt Ion:240 Resp: 370854
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 25.6 21.2 31.8





#79

Terphenyl-d14

Concen: 69.608 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF113190.D

Acq: 21 Mar 2019 1:25

Instrument :

BNA_F

ClientSampleId :

20190126-LOC-3

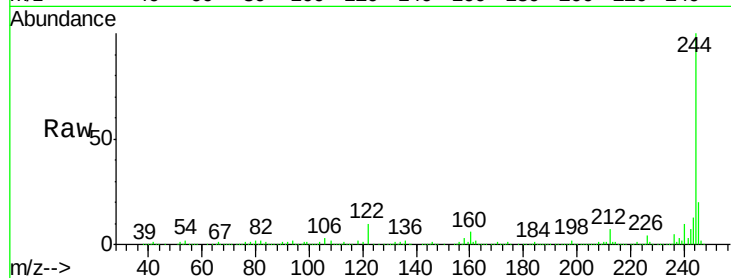
Tgt Ion:244 Resp: 1331677

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

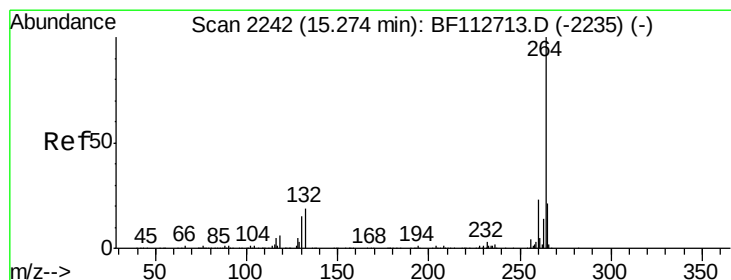
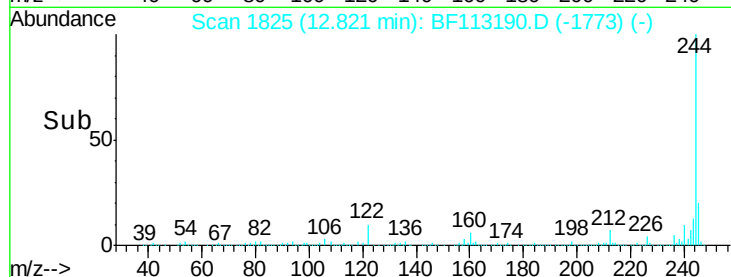
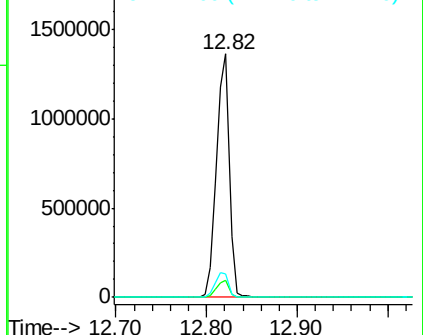
122 9.8 9.4 14.2



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: 15.27 min Scan# 2242

Delta R.T. 0.01 min

Lab File: BF113190.D

Acq: 21 Mar 2019 1:25

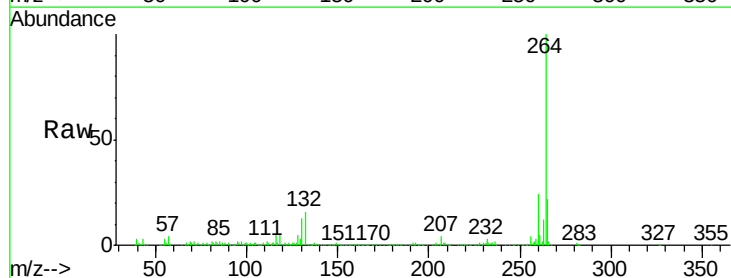
Tgt Ion:264 Resp: 271753

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 17.7 26.5



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

