

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111360.D
 Acq On : 13 Dec 2018 10:23
 Operator : JU/SJ
 Sample : J6193-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-121018-D

Quant Time: Dec 13 11:14:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	244429	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	988555	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	476835	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	882778	20.00	ng	0.00
76) Chrysene-d12	13.95	240	652189	20.00	ng	0.00
87) Perylene-d12	15.39	264	521424	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1655911	114.56	ng	0.02
7) Phenol-d6	6.43	99	1843388	94.59	ng	0.00
23) Nitrobenzene-d5	7.36	82	1576515	89.89	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	580238	138.04	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2675283	90.08	ng	0.00
79) Terphenyl-d14	12.90	244	2785480	94.00	ng	0.00

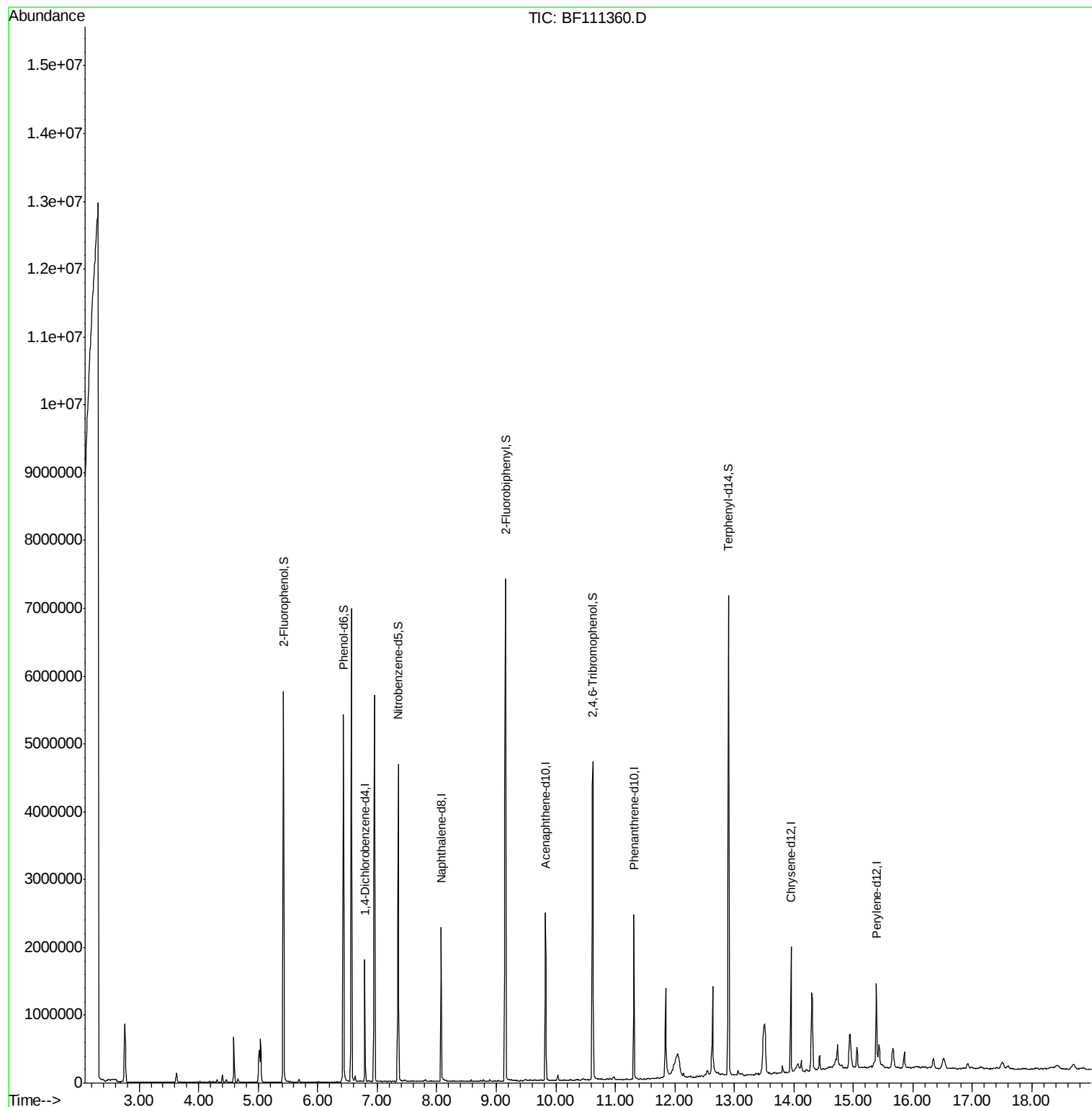
Target Compounds Qvalue

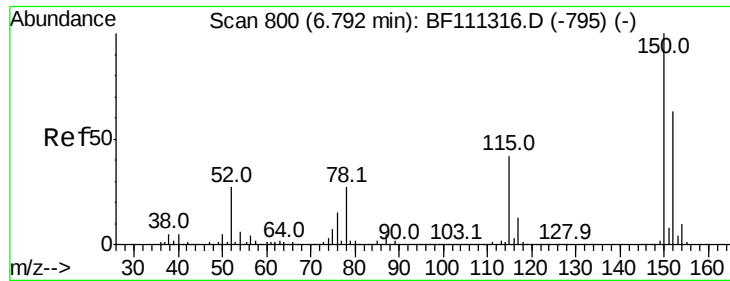
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

CL-01-121018-D

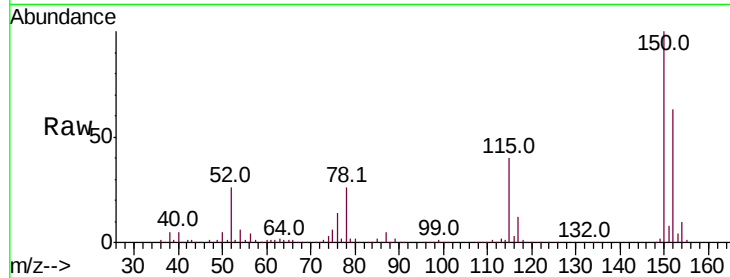
Tot Ion:152 Resp: 244429

Ion Ratio Lower Upper

152 100

150 158.8 126.6 189.8

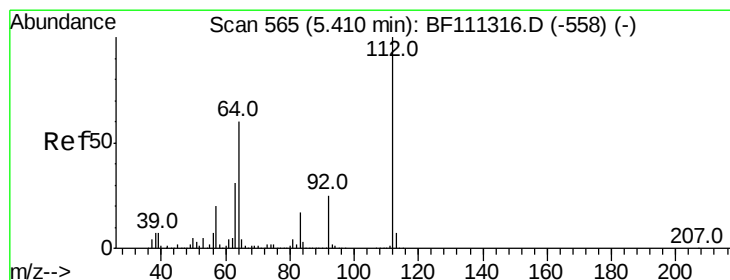
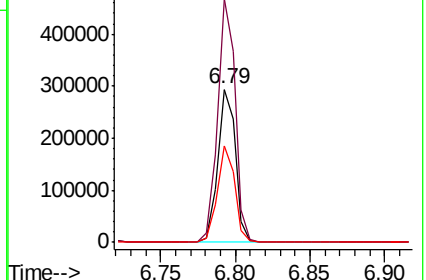
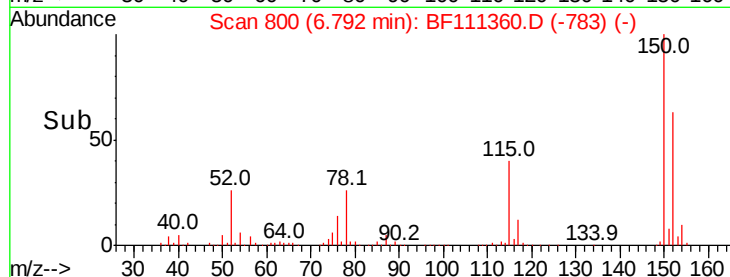
115 63.2 50.7 76.1



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: 114.561 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

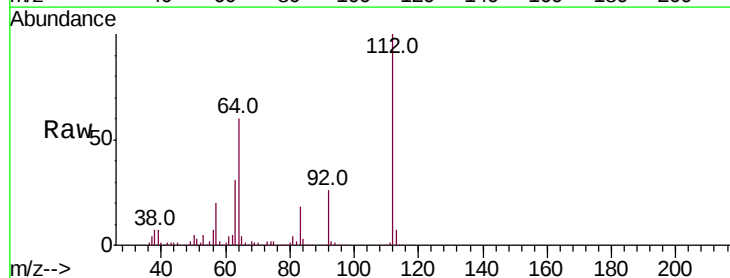
Tgt Ion:112 Resp: 1655911

Ion Ratio Lower Upper

112 100

64 60.4 51.8 77.6

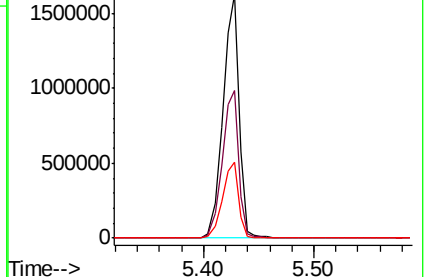
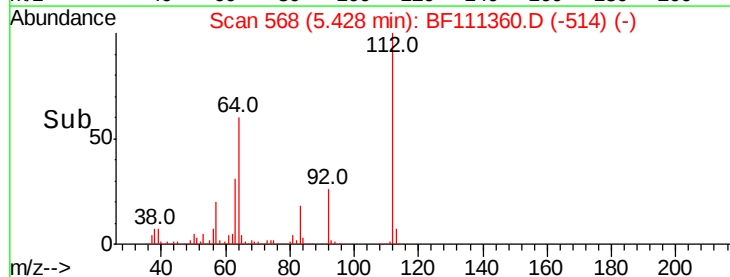
63 31.3 26.8 40.2



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: 94.589 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

CL-01-121018-D

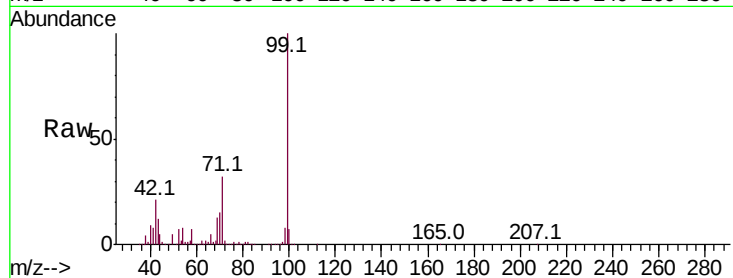
Tot Ion: 99 Resp: 1843388

Ion Ratio Lower Upper

99 100

42 21.4 17.4 26.0

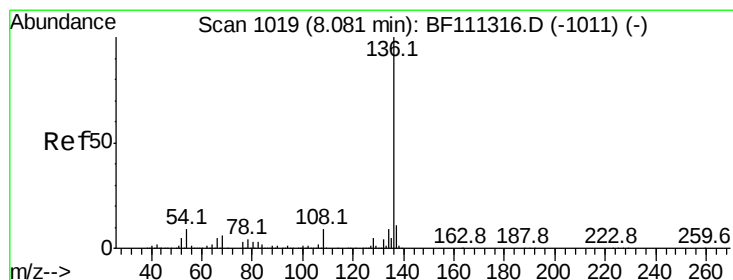
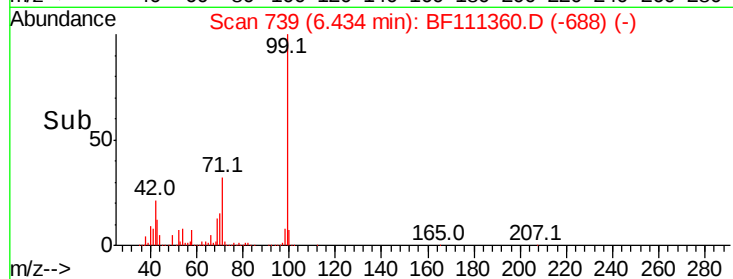
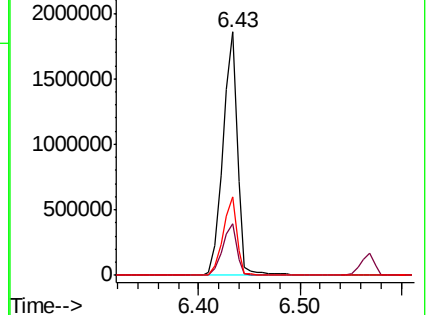
71 32.3 26.1 39.1



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

Tgt Ion: 136 Resp: 988555

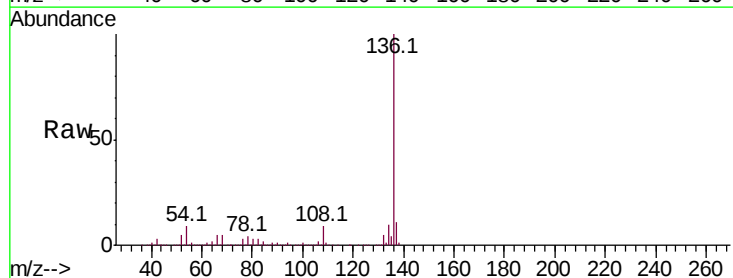
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.2 7.7 11.5

68 5.5 4.9 7.3

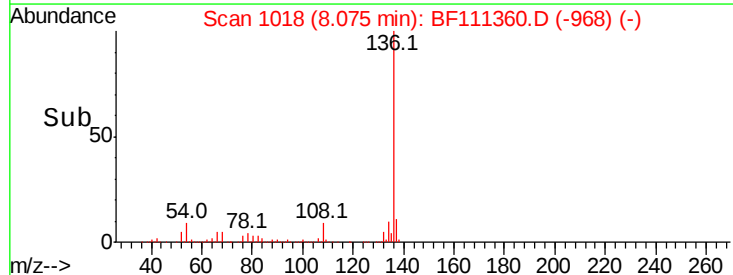
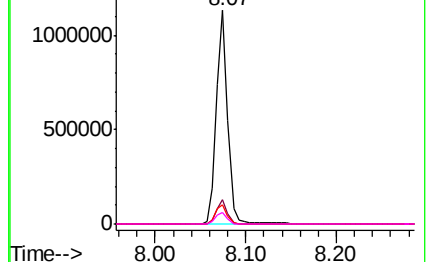


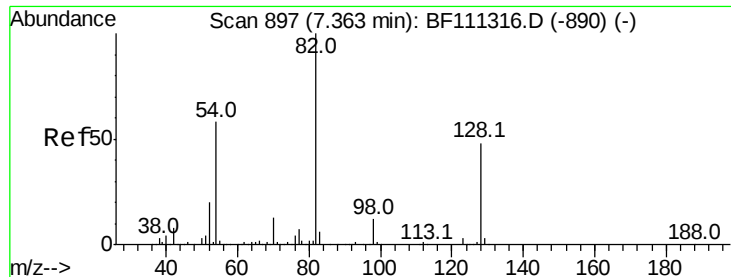
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.886 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

CL-01-121018-D

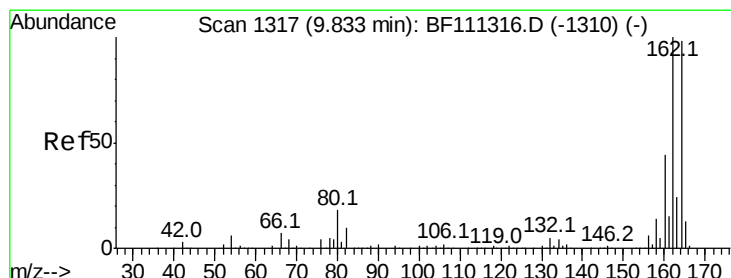
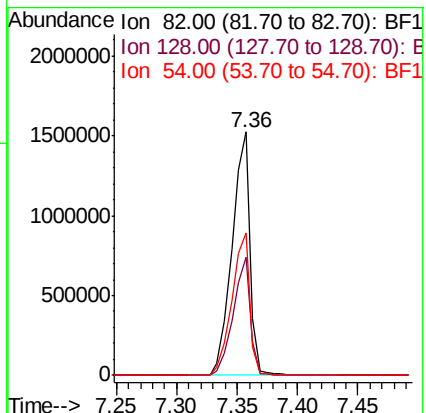
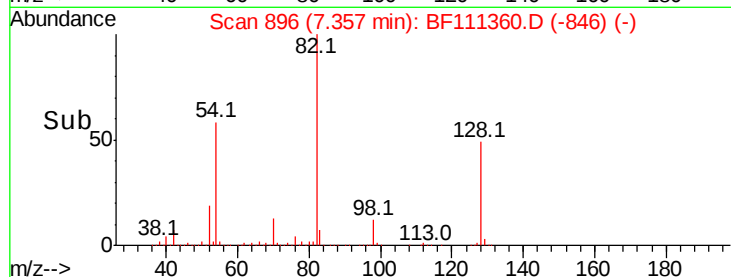
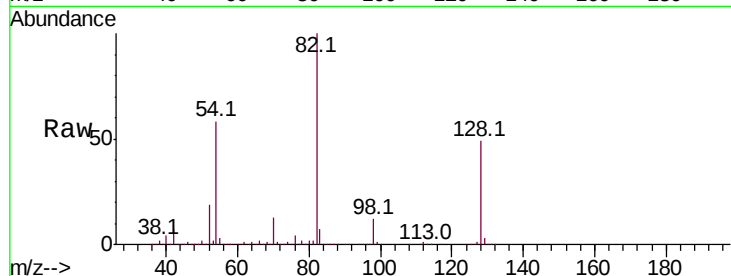
Tot Ion: 82 Resp: 1576515

Ion Ratio Lower Upper

82 100

128 48.5 37.4 56.2

54 58.4 47.6 71.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

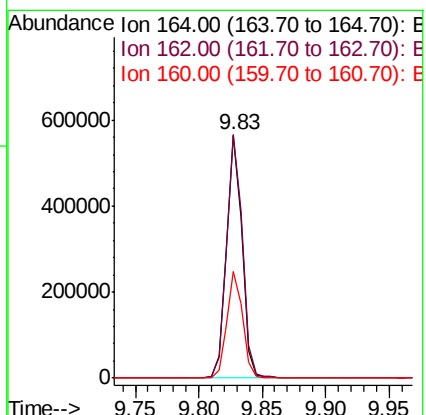
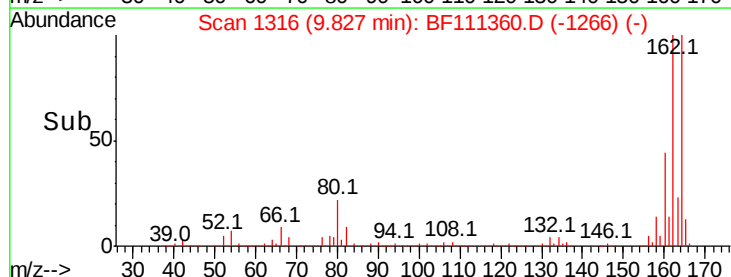
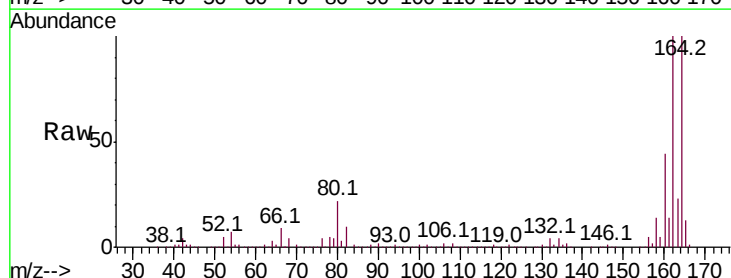
Tgt Ion:164 Resp: 476835

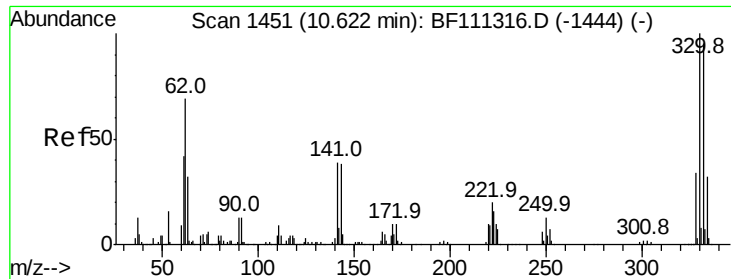
Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

160 43.8 35.7 53.5

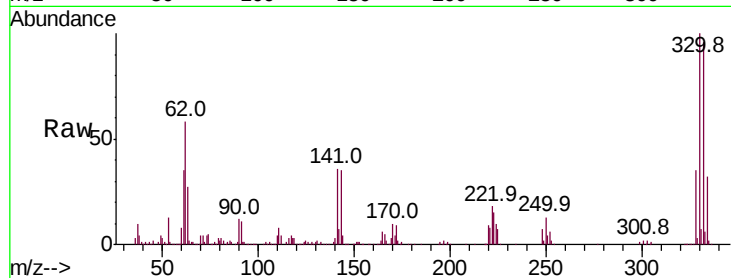




#42
 2,4,6-Tribromophenol
 Concen: 138.041 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF111360.D
 Acq: 13 Dec 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-121018-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	39.0	31.0	46.6

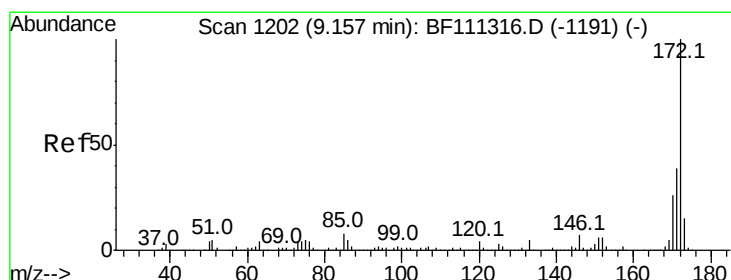
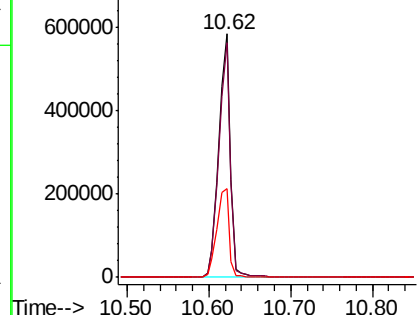
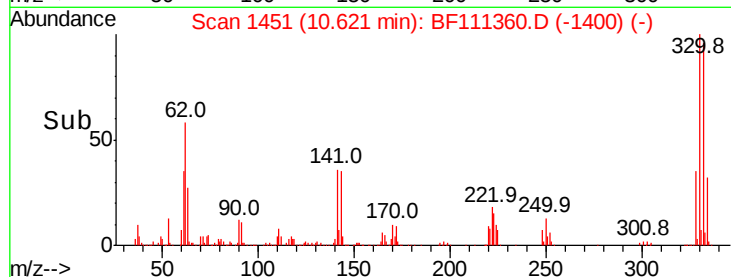


Abundance

Ion 329.80 (329.50 to 330.50): E

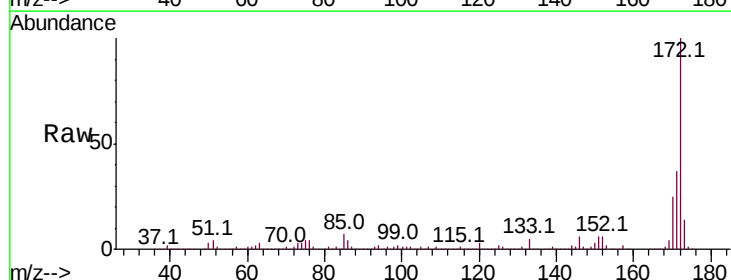
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.076 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111360.D
 Acq: 13 Dec 2018 10:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	33.0	49.4
170	24.8	22.3	33.5

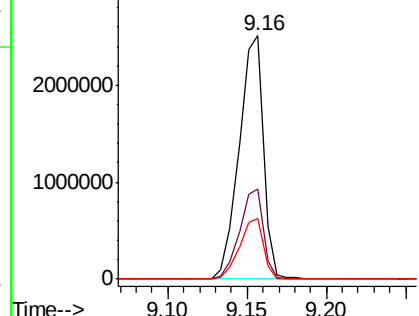
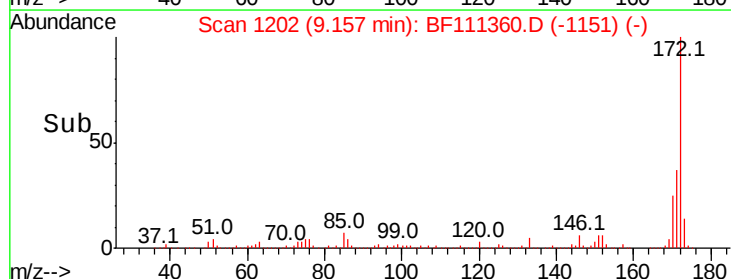


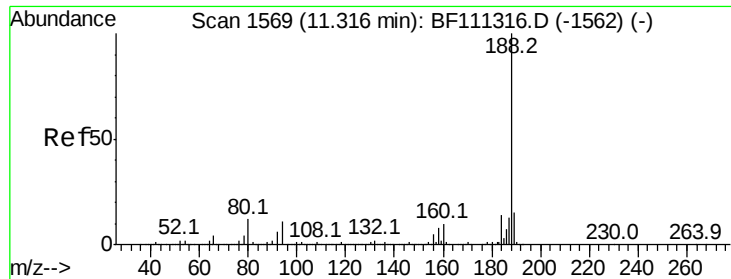
Abundance

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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

Instrument :

BNA_F

ClientSampleId :

CL-01-121018-D

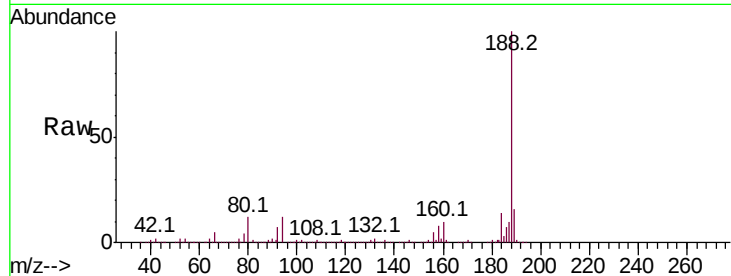
Tot Ion:188 Resp: 882778

Ion Ratio Lower Upper

188 100

94 11.9 9.6 14.4

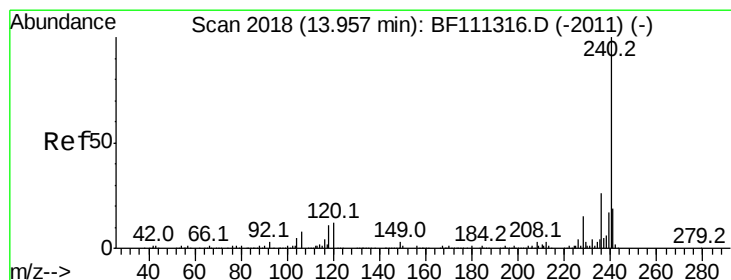
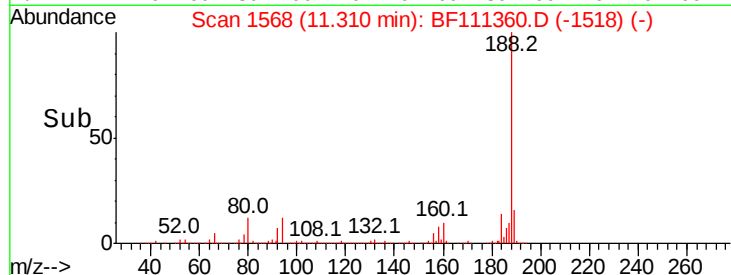
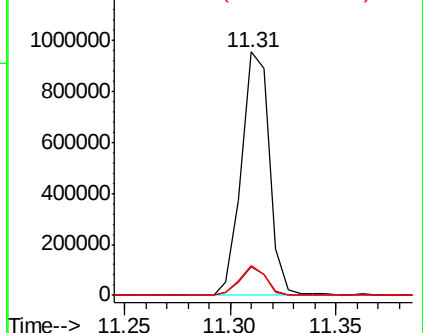
80 12.4 9.8 14.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF111360.D

Acq: 13 Dec 2018 10:23

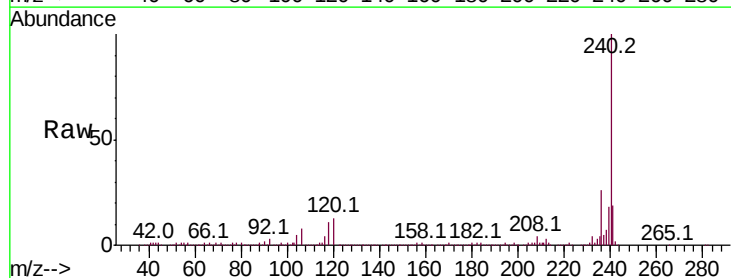
Tgt Ion:240 Resp: 652189

Ion Ratio Lower Upper

240 100

120 13.0 12.2 18.2

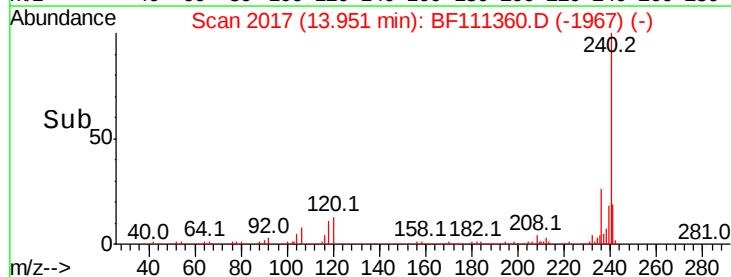
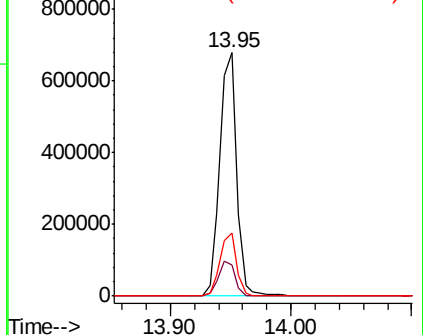
236 25.9 20.2 30.2

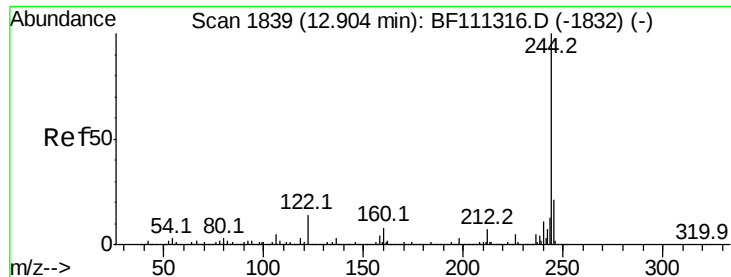


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

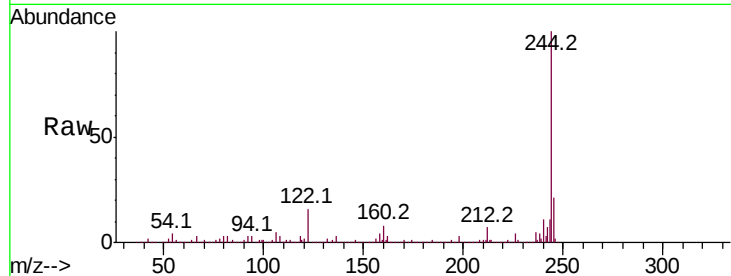




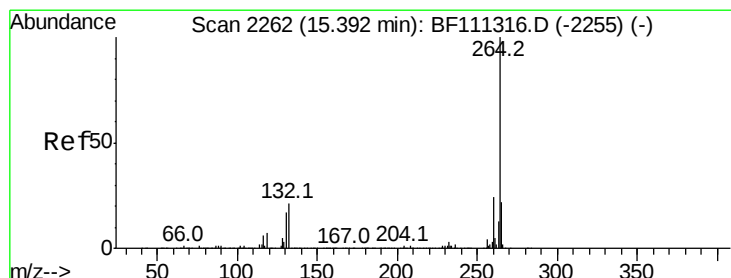
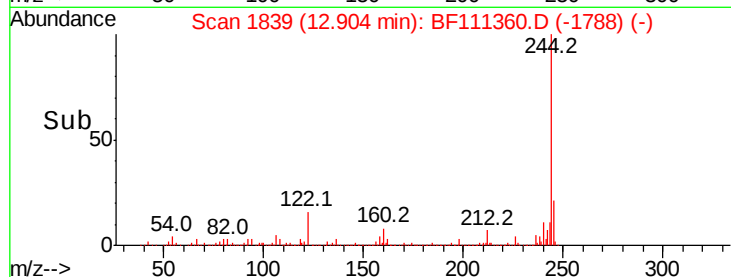
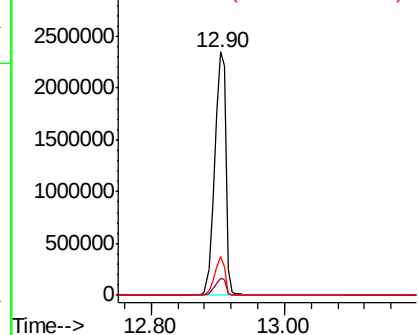
#79
 Terphenyl-d14
 Concen: 94.001 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111360.D
 Acq: 13 Dec 2018 10:23

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-121018-D

Tot Ion:244 Resp: 2785480
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 16.0 13.1 19.7

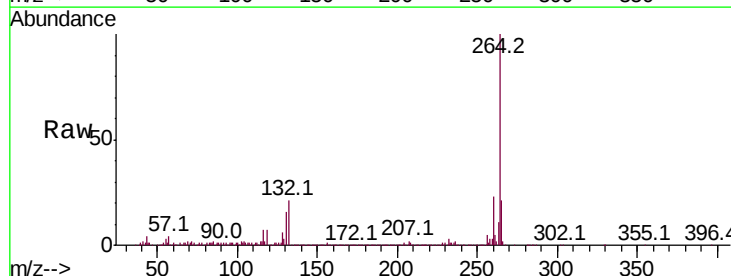


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BF111360.D
 Acq: 13 Dec 2018 10:23

Tgt Ion:264 Resp: 521424
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 21.3 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

