

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101517\
 Data File : BF099521.D
 Acq On : 15 Oct 2017 18:46
 Operator : SJ/JU
 Sample : I5813-01 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

Quant Time: Oct 16 02:37:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	79458	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	291885	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	104289	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	160128	20.00	ng	0.00
75) Chrysene-d12	14.01	240	176614	20.00	ng	0.00
86) Perylene-d12	15.49	264	157384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	69928	14.01	ng	0.00
7) Phenol-d6	6.47	99	79485	12.91	ng	-0.01
23) Nitrobenzene-d5	7.40	82	42265	9.29	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	9303	10.90	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	77619	12.42	ng	-0.01
78) Terphenyl-d14	12.94	244	59014	7.60	ng	-0.01

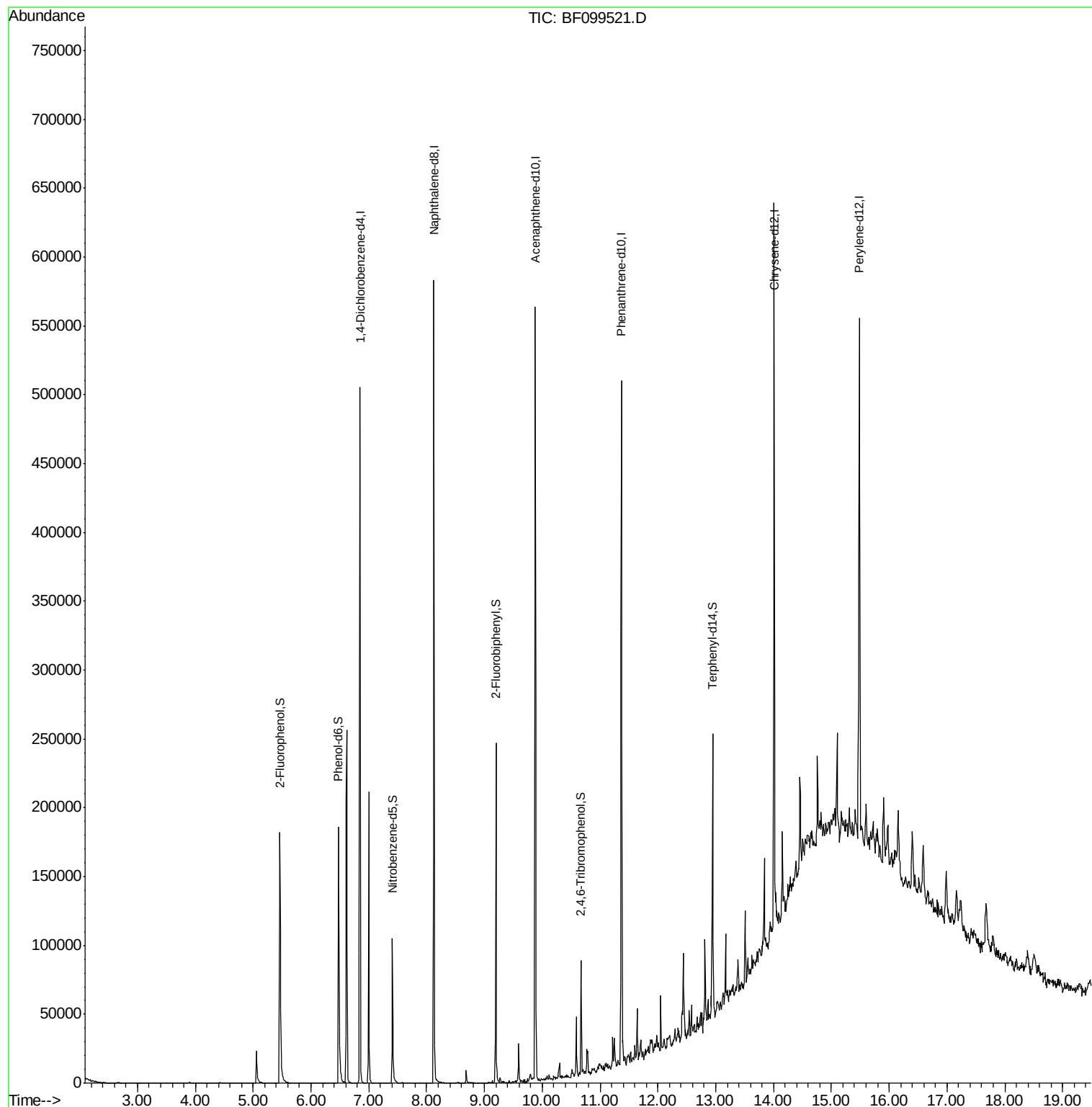
Target Compounds Qvalue

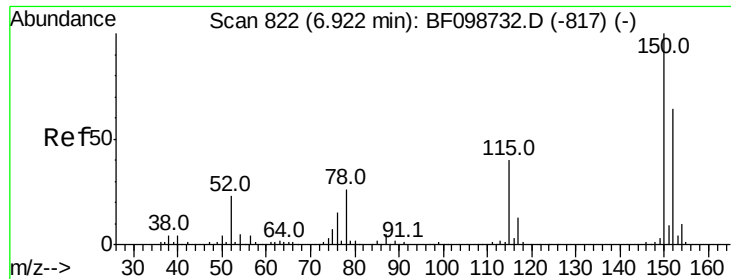
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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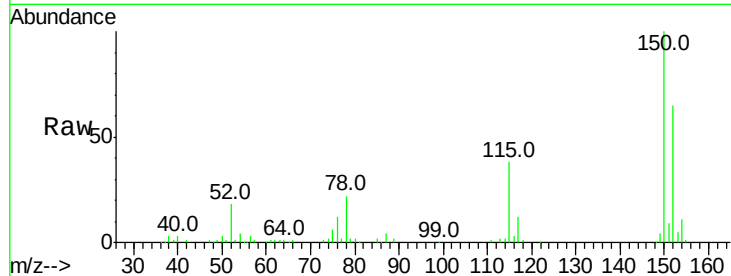


#1

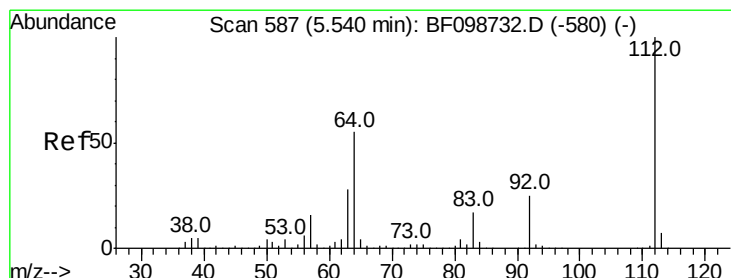
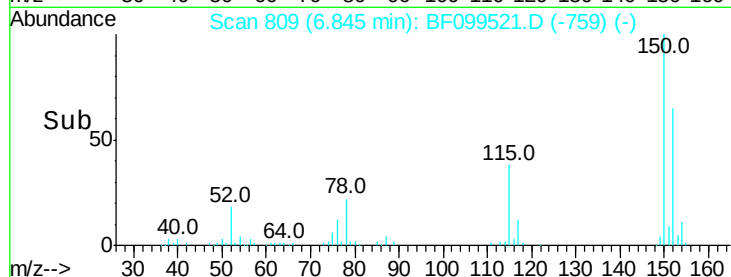
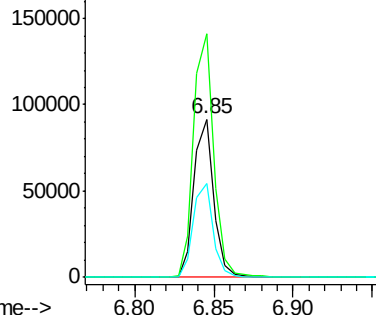
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099521.D
Acq: 15 Oct 2017 18:46

Instrument :
BNA_F
ClientSampleId :
OK-03-101117

Tot Ion:152 Resp: 79458
Ion Ratio Lower Upper
152 100
150 153.9 124.6 186.8
115 59.0 50.1 75.1



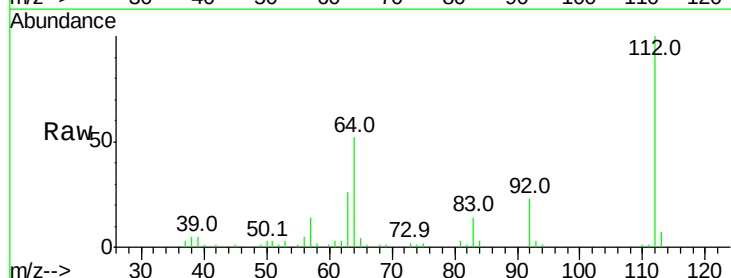
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



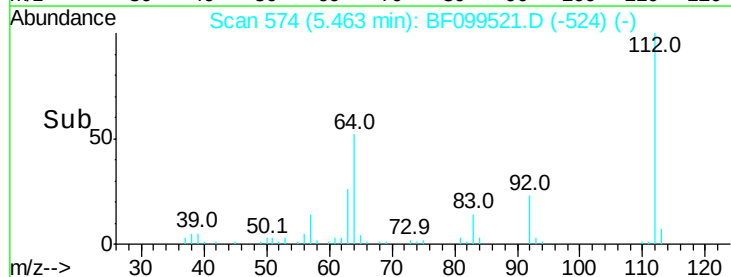
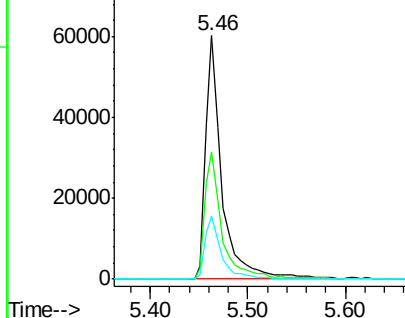
#5

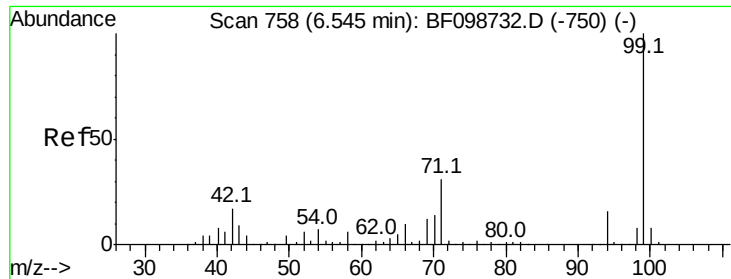
2-Fluorophenol
Concen: 14.010 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF099521.D
Acq: 15 Oct 2017 18:46

Tgt Ion:112 Resp: 69928
Ion Ratio Lower Upper
112 100
64 52.0 47.9 71.9
63 25.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.909 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099521.D

Acq: 15 Oct 2017 18:46

Instrument :

BNA_F

ClientSampleId :

OK-03-101117

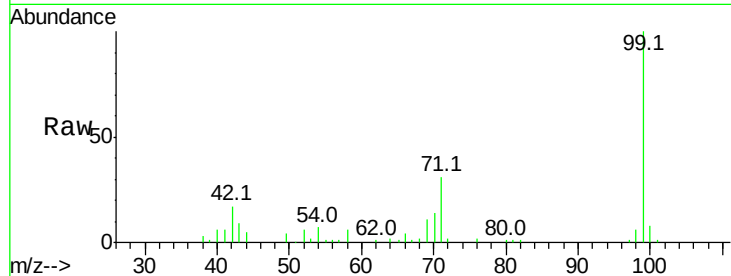
Tot Ion: 99 Resp: 79485

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

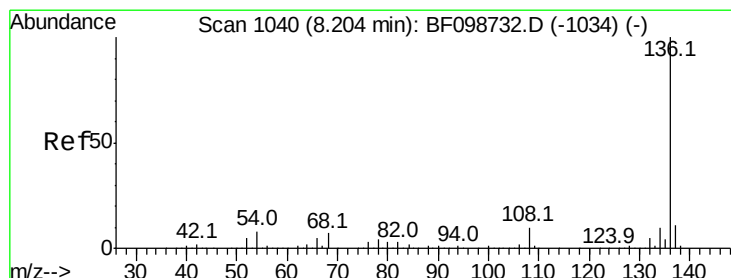
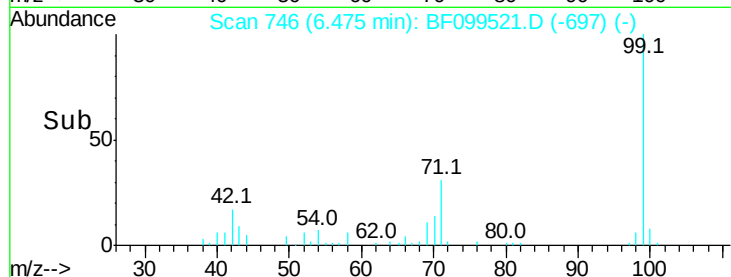
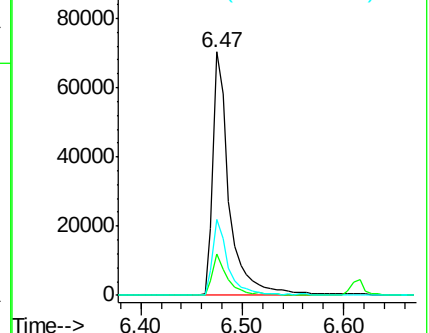
71 31.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099521.D

Acq: 15 Oct 2017 18:46

Tgt Ion: 136 Resp: 291885

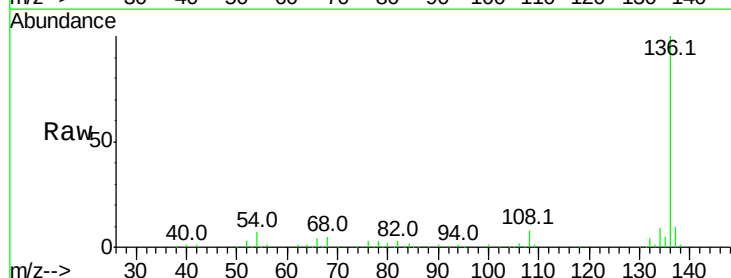
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 6.6 6.6 9.8

68 5.4 5.0 7.4

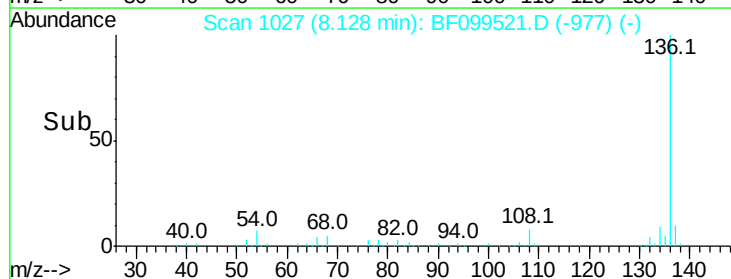
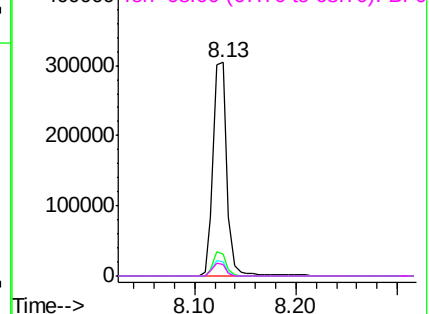


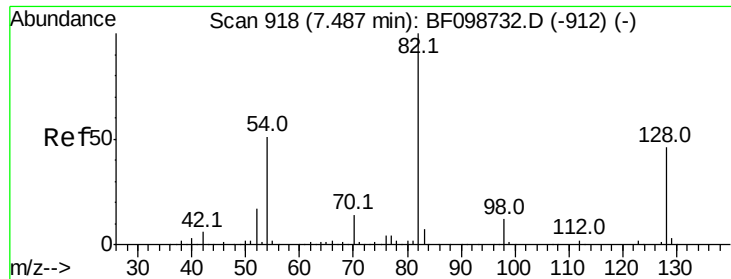
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

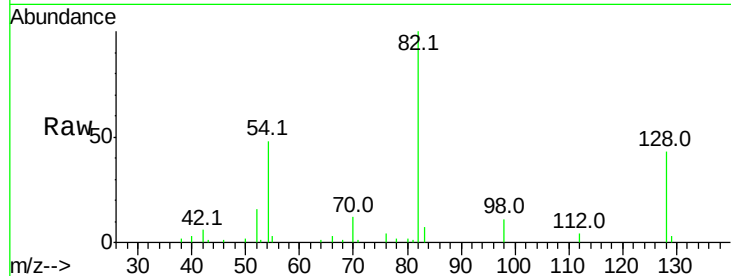




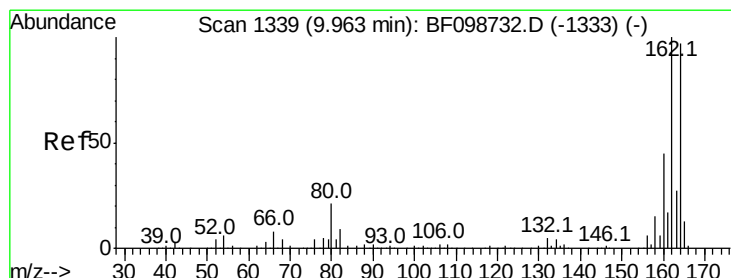
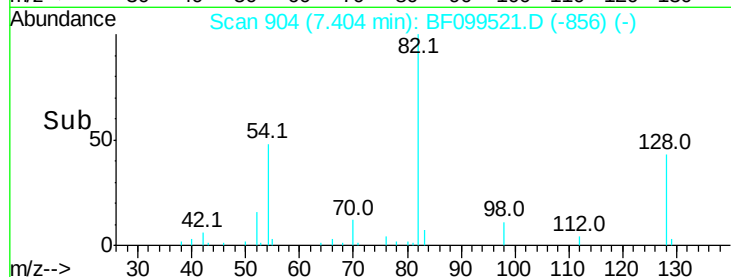
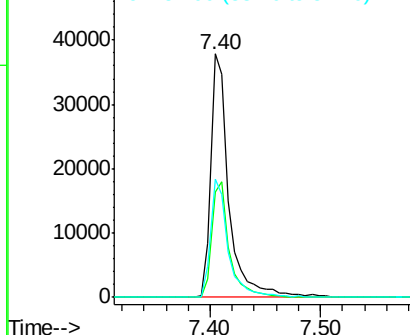
#23
 Nitrobenzene-d5
 Concen: 9.286 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF099521.D
 Acq: 15 Oct 2017 18:46

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

Tot Ion: 82 Resp: 42265
 Ion Ratio Lower Upper
 82 100
 128 43.0 36.1 54.1
 54 48.4 41.4 62.2

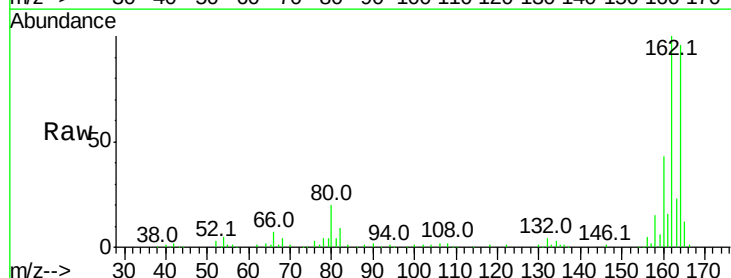


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

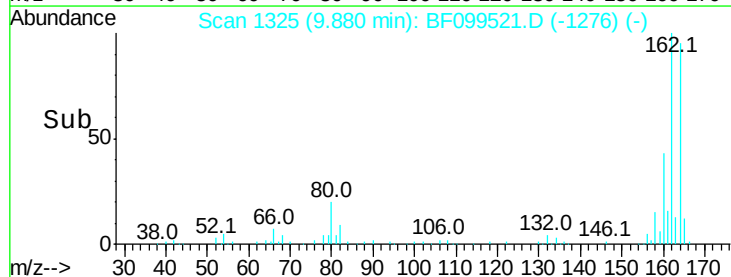
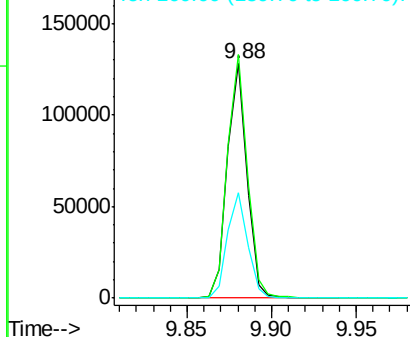


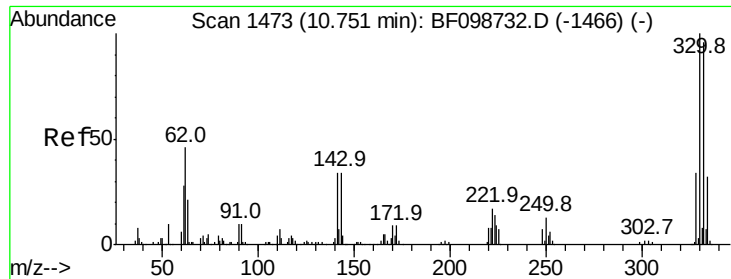
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099521.D
 Acq: 15 Oct 2017 18:46

Tgt Ion: 164 Resp: 104289
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 44.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

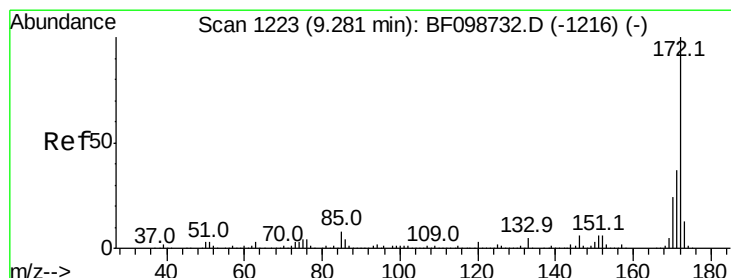
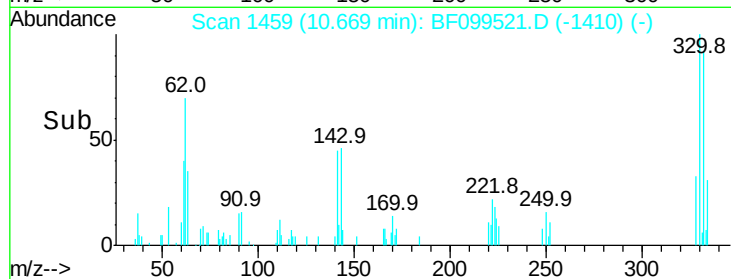
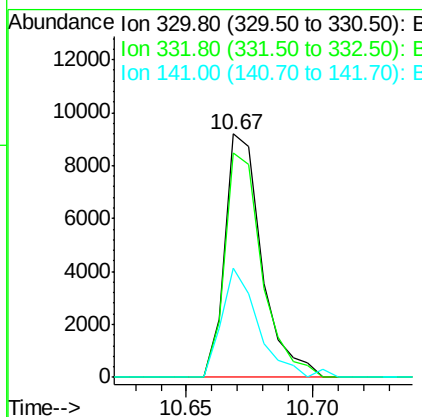
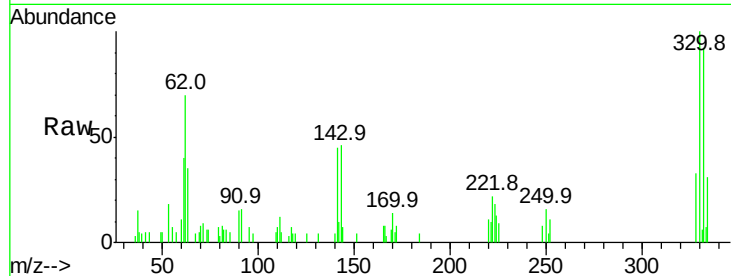




#41
 2,4,6-Tribromophenol
 Concen: 10.902 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF099521.D
 Acq: 15 Oct 2017 18:46

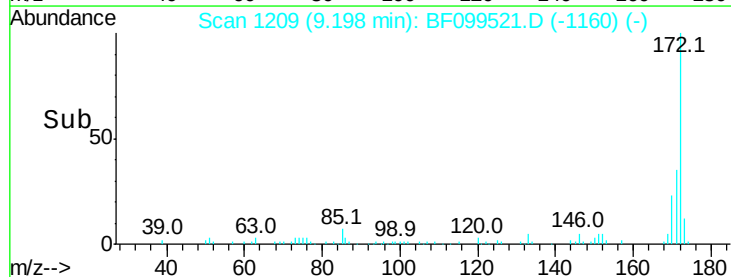
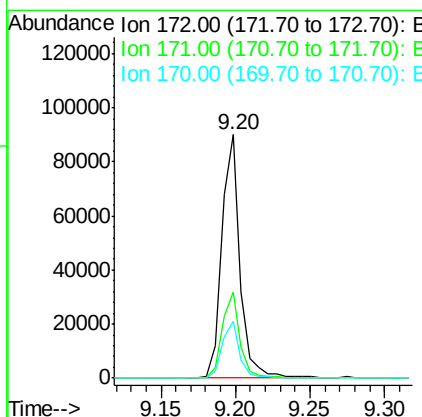
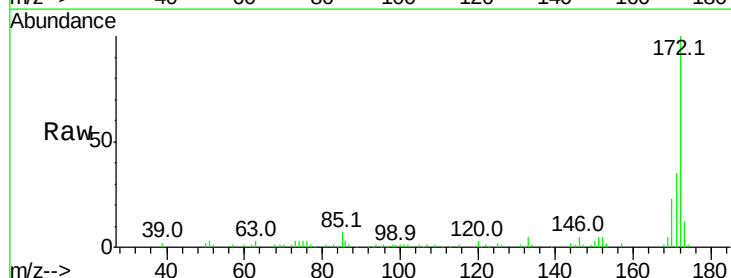
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-101117

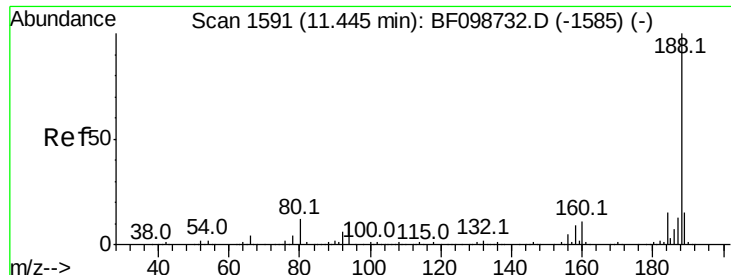
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.0	115.6
141	44.9	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 12.425 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099521.D
 Acq: 15 Oct 2017 18:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.1	19.6	29.4

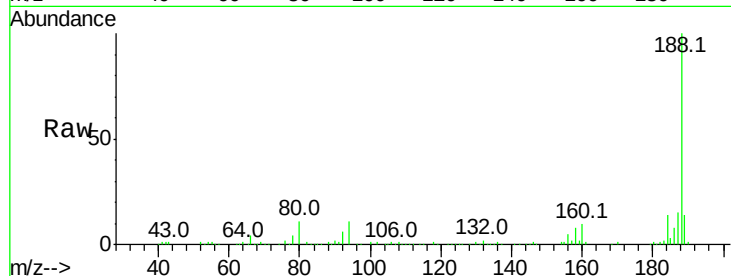




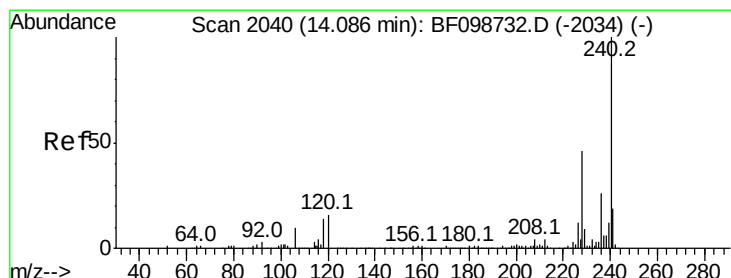
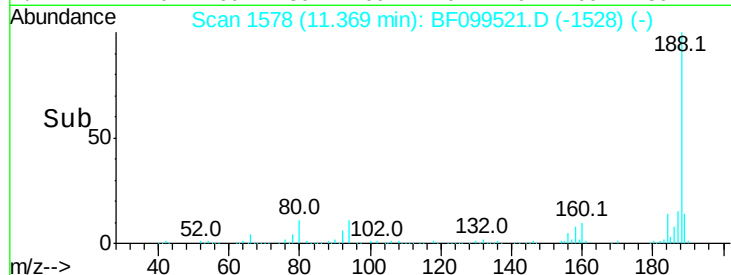
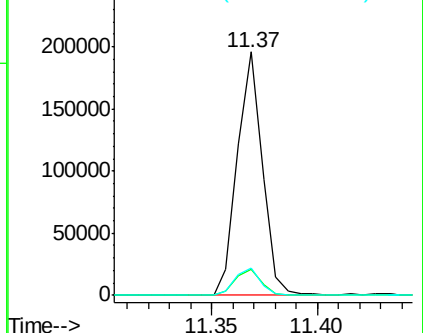
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099521.D
Acq: 15 Oct 2017 18:46

Instrument :
BNA_F
ClientSampleId :
OK-03-101117

Tot Ion:188 Resp: 160128
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.1 9.2 13.8

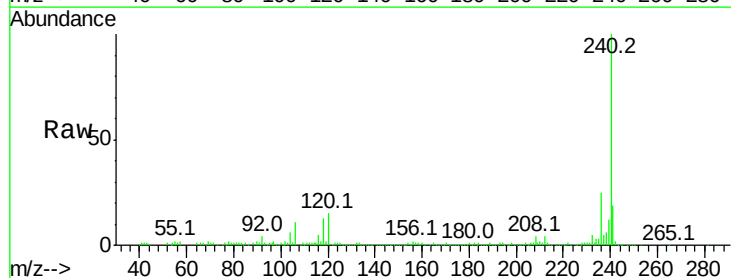


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

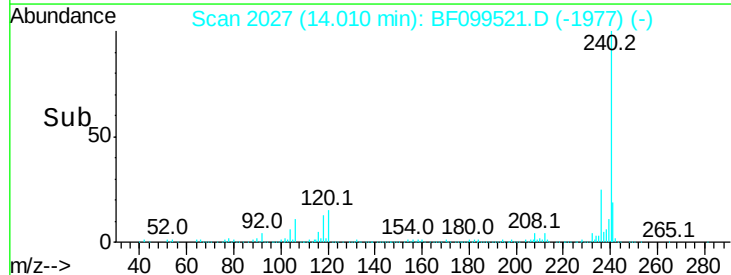
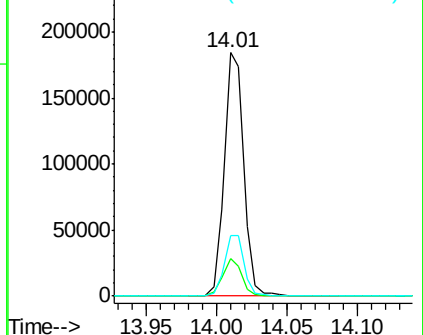


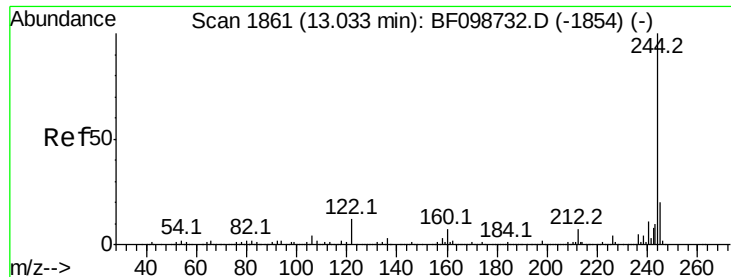
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099521.D
Acq: 15 Oct 2017 18:46

Tgt Ion:240 Resp: 176614
Ion Ratio Lower Upper
240 100
120 15.4 9.5 14.3#
236 24.8 20.7 31.1



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





#78

Terphenyl-d14

Concen: 7.599 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF099521.D

Acq: 15 Oct 2017 18:46

Instrument :

BNA_F

ClientSampleId :

OK-03-101117

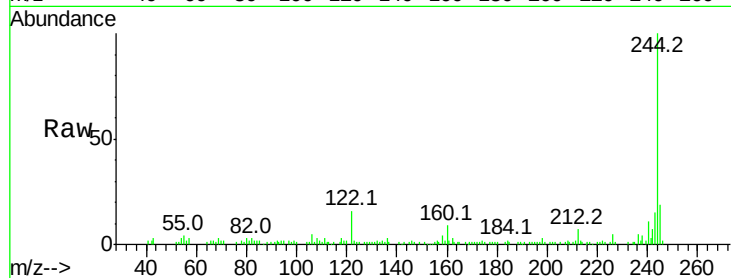
Tot Ion:244 Resp: 59014

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

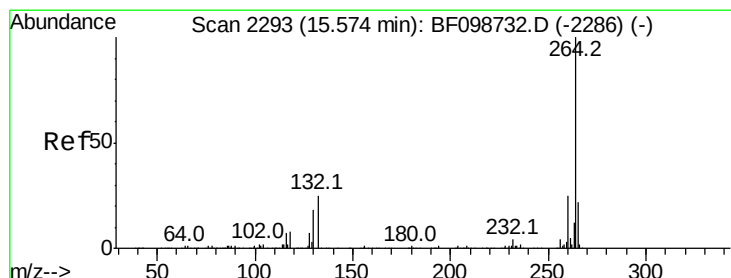
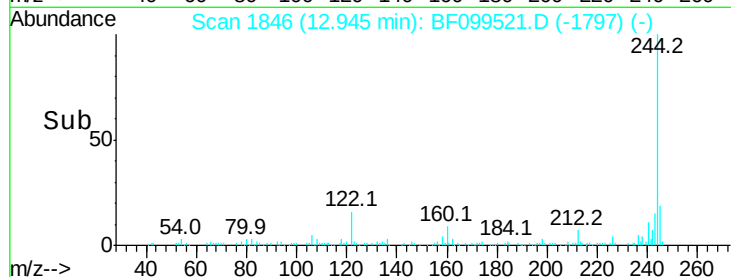
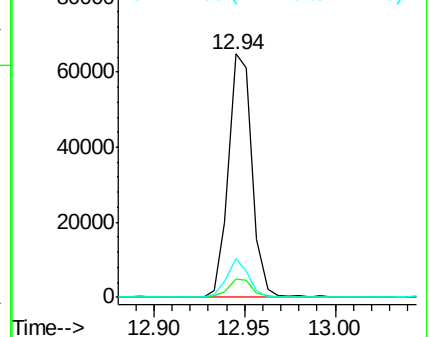
122 16.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF099521.D

Acq: 15 Oct 2017 18:46

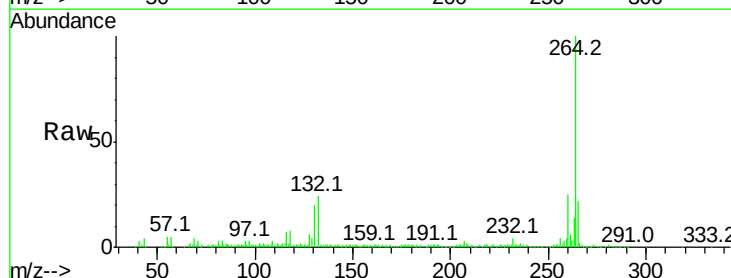
Tgt Ion:264 Resp: 157384

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.9 17.5 26.3



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

