

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096317.D
 Acq On : 30 Jun 2017 3:00
 Operator : SJ/MA
 Sample : I3883-02 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 30 03:57:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	141853	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	525943	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	187402	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	301047	20.00	ng	0.00
75) Chrysene-d12	13.92	240	265885	20.00	ng	0.00
86) Perylene-d12	15.35	264	178394	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	100380	10.19	ng	0.00
7) Phenol-d6	6.39	99	119120	9.99	ng	0.00
23) Nitrobenzene-d5	7.32	82	55996	7.37	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	17030	11.55	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	100216	9.79	ng	-0.02
78) Terphenyl-d14	12.87	244	79476	7.46	ng	0.00

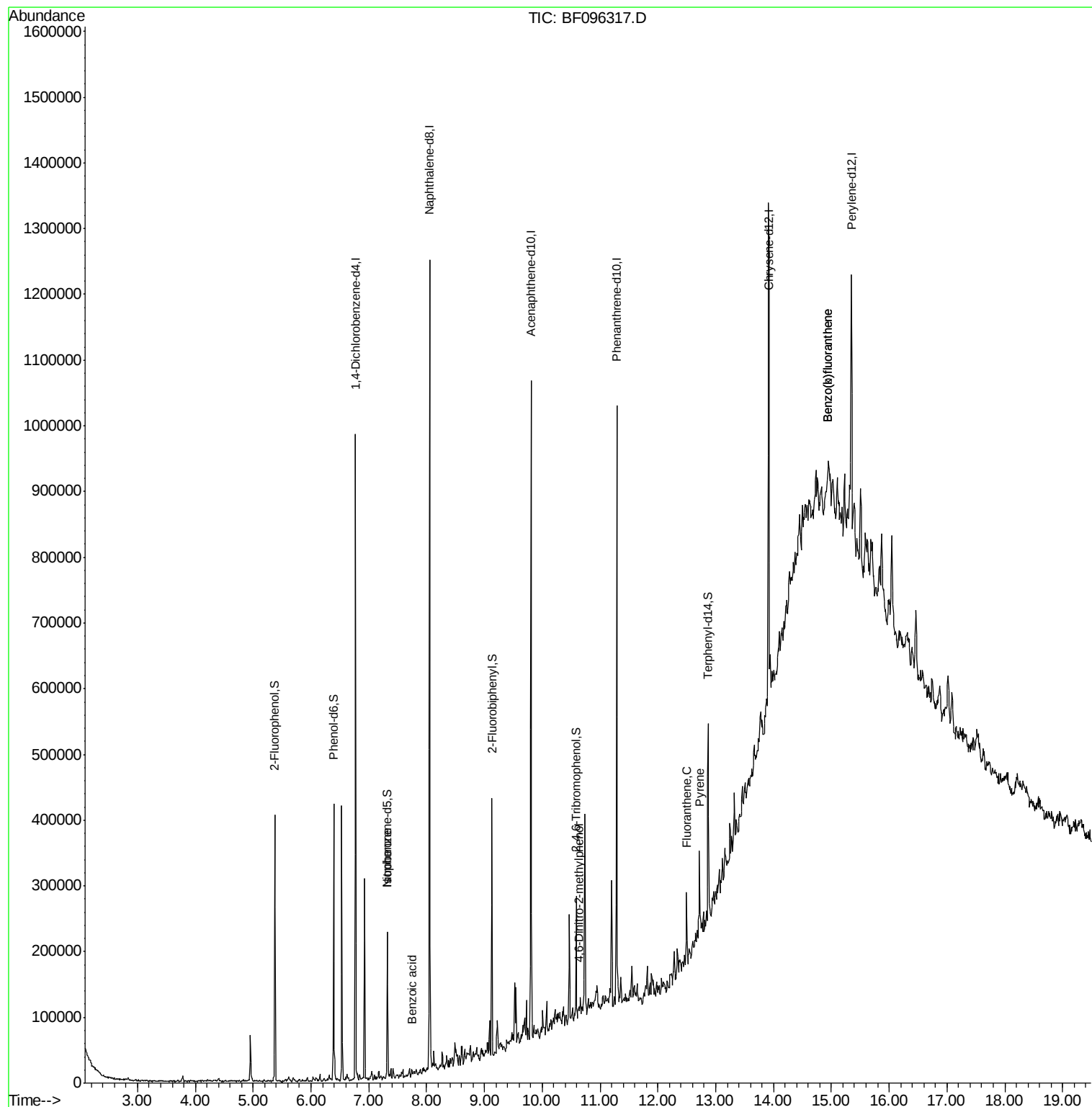
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.30	77	405	Below Cal	#	1
25) Isophorone	7.32	82	55995	3.25	ng	68
32) Benzoic acid	7.74	122	1911	9.07	ng	96
57) Fluorene	10.35	166	1806	Below Cal	#	78
60) 4-Chlorophenyl-phenylether	10.17	204	245	Below Cal	#	80
64) 4,6-Dinitro-2-methylphenol	10.63	198	137	8.82	ng	14
70) Phenanthrene	11.36	178	14345	Below Cal		96
74) Fluoranthene	12.49	202	34022	2.03	ng	92
77) Pyrene	12.72	202	53113	2.43	ng	99
87) Benzo(b)fluoranthene	14.94	252	38644	3.30	ng	51
88) Benzo(k)fluoranthene	14.94	252	38644	3.61	ng	54

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096317.D
Acq On : 30 Jun 2017 3:00
Operator : SJ/MA
Sample : I3883-02 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jun 30 03:57:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Instrument :

BNA_F

ClientSampleId :

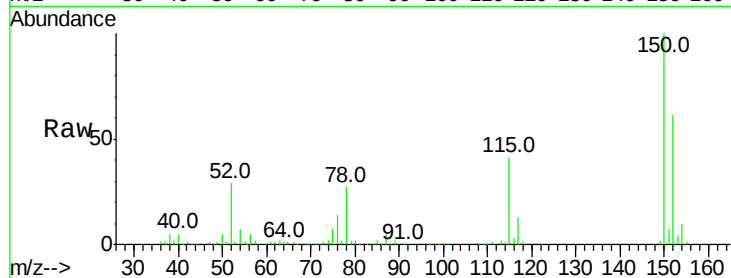
Tot Ion:152 Resp: 141853

Ion Ratio Lower Upper

152 100

150 162.8 126.2 189.2

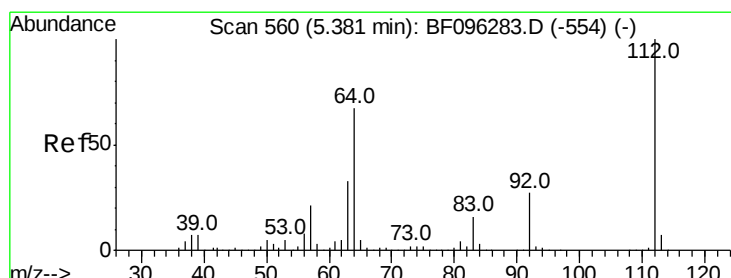
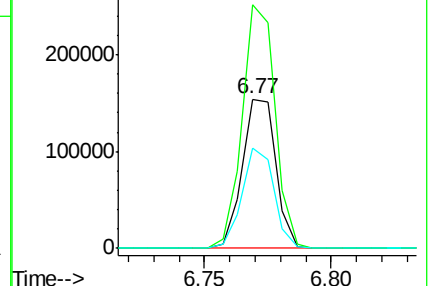
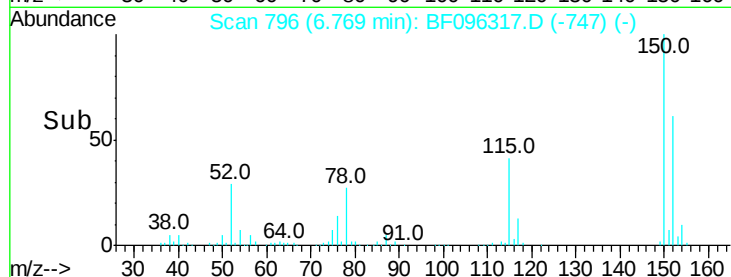
115 66.9 52.2 78.2



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: 10.19 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

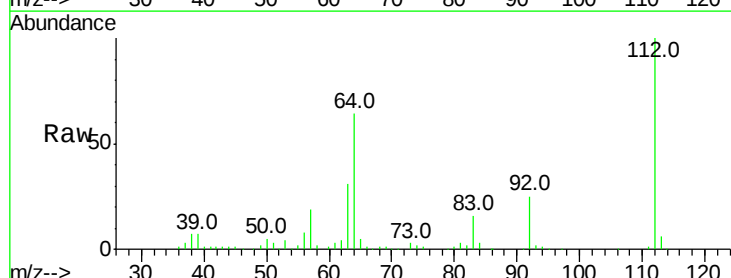
Tgt Ion:112 Resp: 100380

Ion Ratio Lower Upper

112 100

64 63.9 46.0 69.0

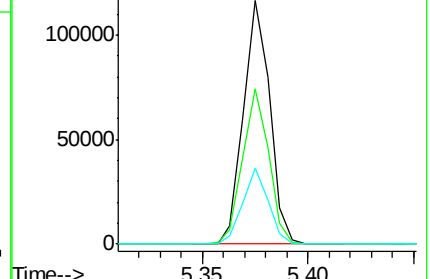
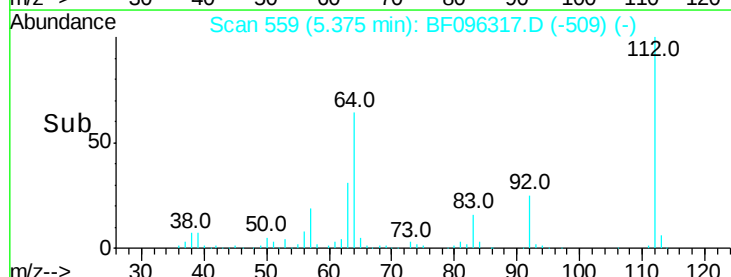
63 31.3 23.4 35.0

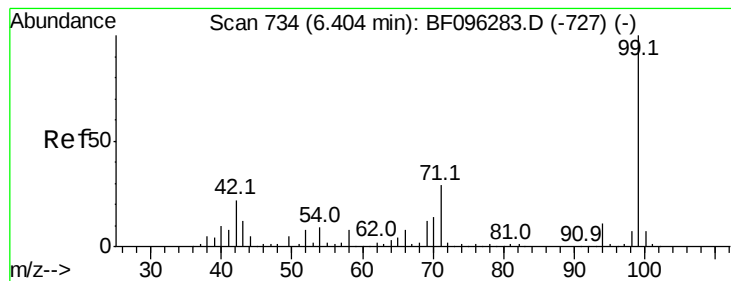


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.99 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

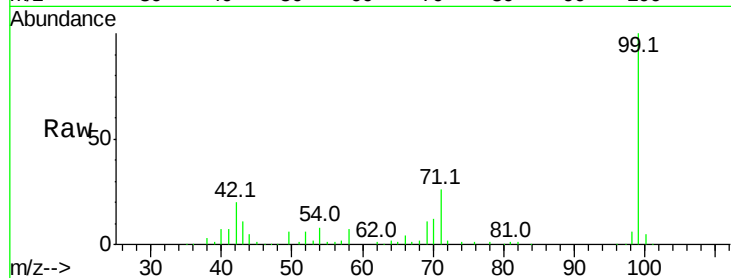
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 119120

Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.5	20.3
71	25.8	24.5	36.7

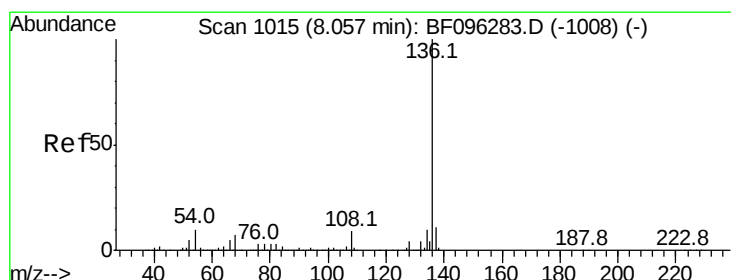
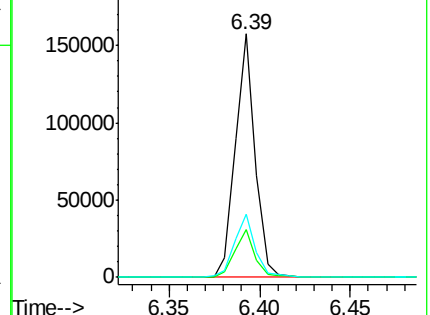
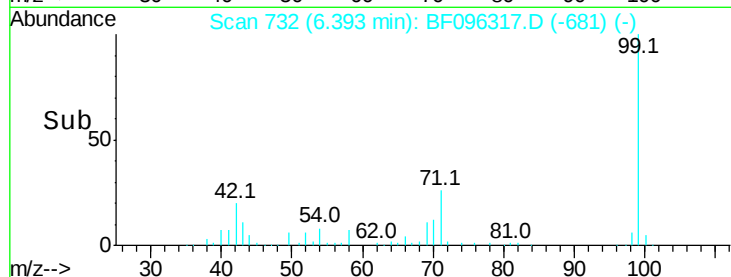


Abundance

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: 20.00 ng

RT: 8.05 min Scan# 1014

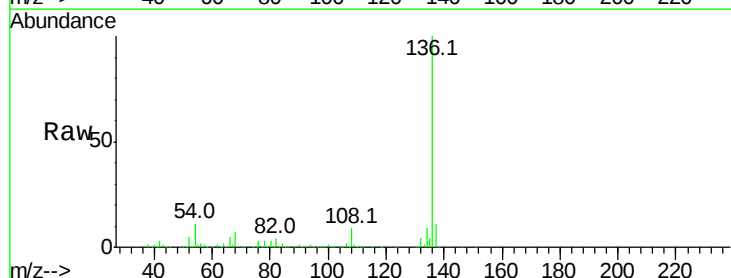
Delta R.T. -0.01 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Tgt Ion: 136 Resp: 525943

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.4	4.9	7.3#
68	6.8	4.1	6.1#



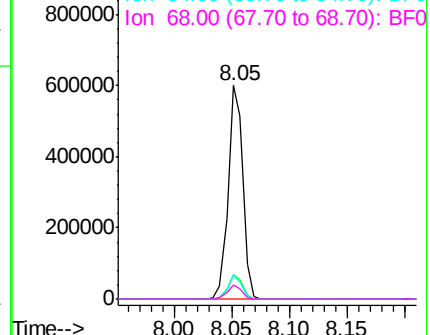
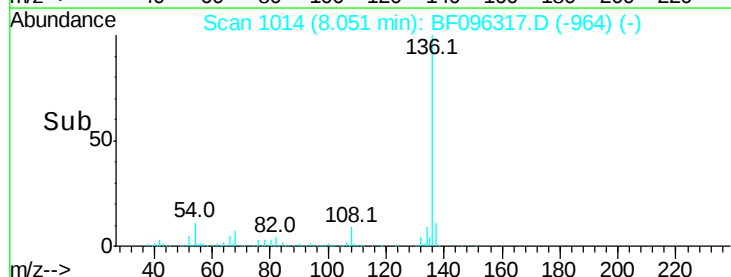
Abundance

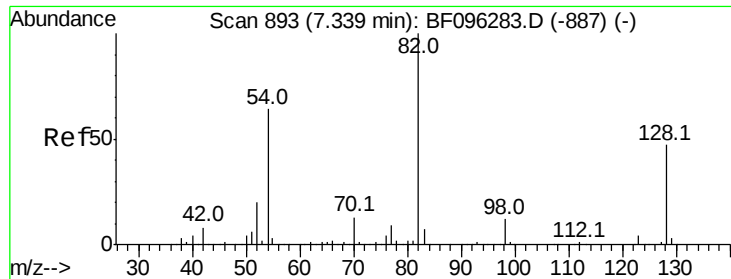
Ion 136.00 (135.70 to 136.70): E

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

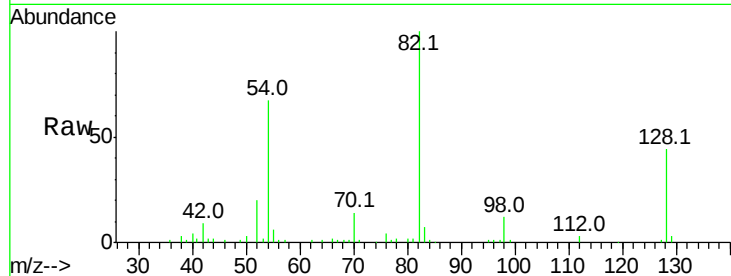




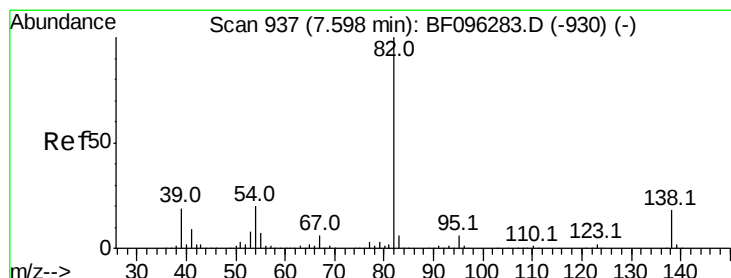
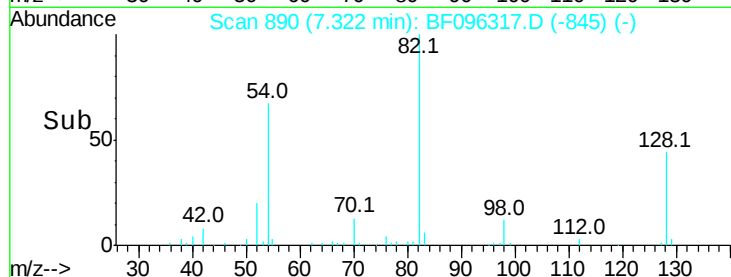
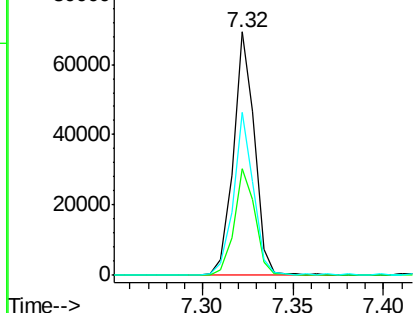
#23
 Nitrobenzene-d5
 Concen: 7.37 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.04 min
 Lab File: BF096317.D
 Acq: 30 Jun 2017 3:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	55996
Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.0	51.0
54	67.0	42.2	63.2#

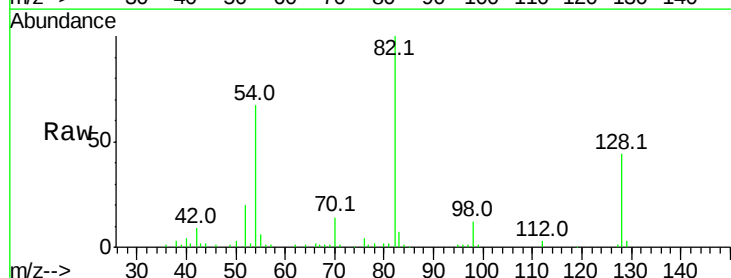


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

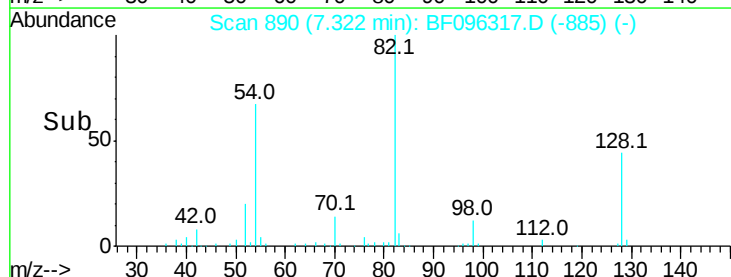
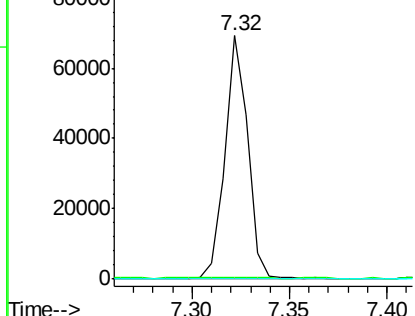


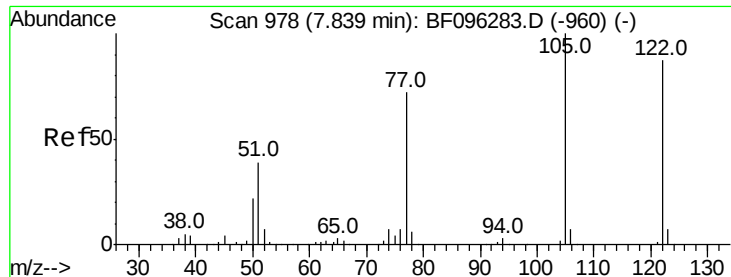
#25
 Isophorone
 Concen: 3.25 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.27 min
 Lab File: BF096317.D
 Acq: 30 Jun 2017 3:00

Tgt Ion	82	Resp	55995
Ion	Ratio	Lower	Upper
82	100		
95	0.6	5.3	7.9#
138	0.0	13.1	19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

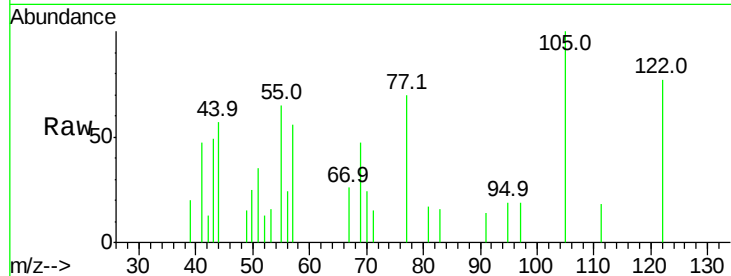




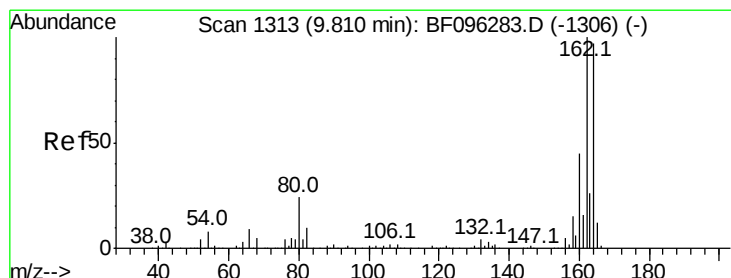
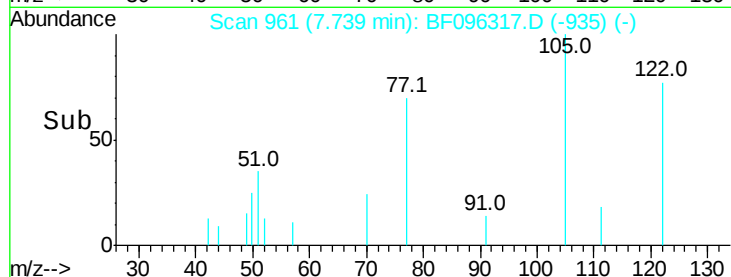
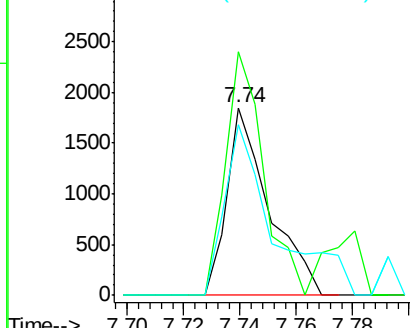
#32
Benzoic acid
Concen: 9.07 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.15 min
Lab File: BF096317.D
Acq: 30 Jun 2017 3:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 1911
Ion Ratio Lower Upper
122 100
105 129.6 103.3 143.3
77 90.9 73.7 113.7

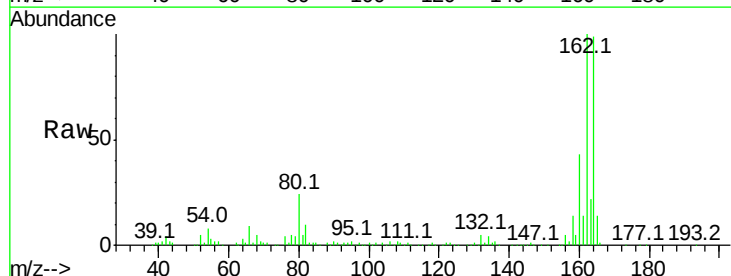


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

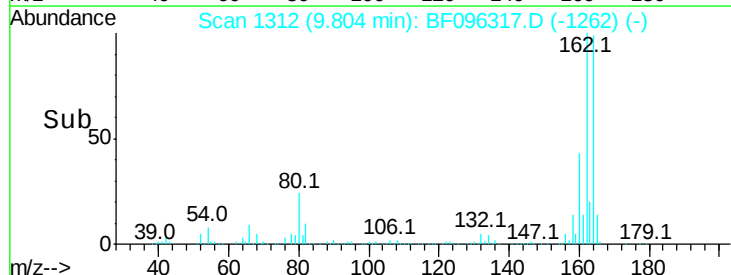
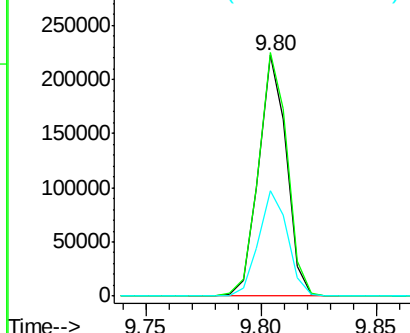


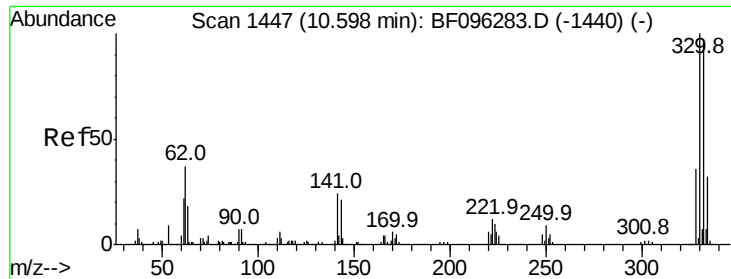
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096317.D
Acq: 30 Jun 2017 3:00

Tgt Ion:164 Resp: 187402
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 43.5 36.2 54.2



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

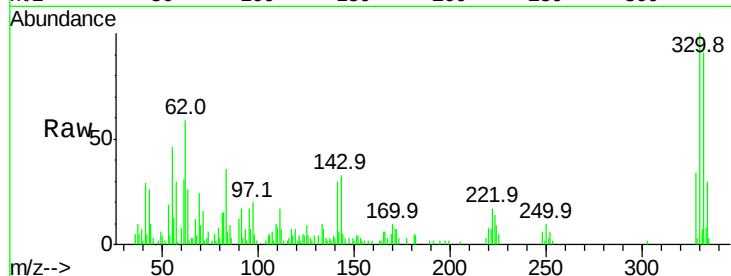




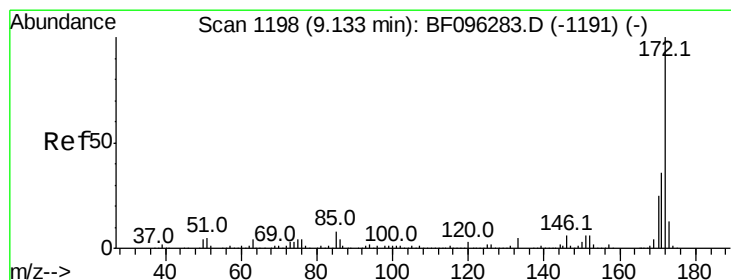
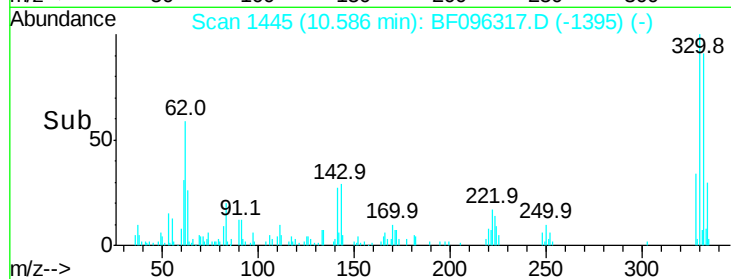
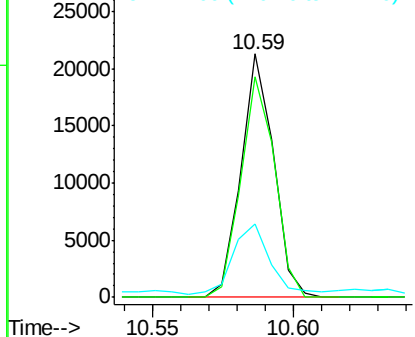
#41
 2,4,6-Tribromophenol
 Concen: 11.55 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096317.D
 Acq: 30 Jun 2017 3:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.6	115.0
141	31.8	31.4	47.2

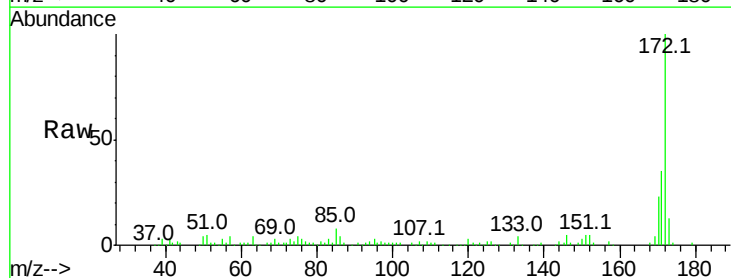


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

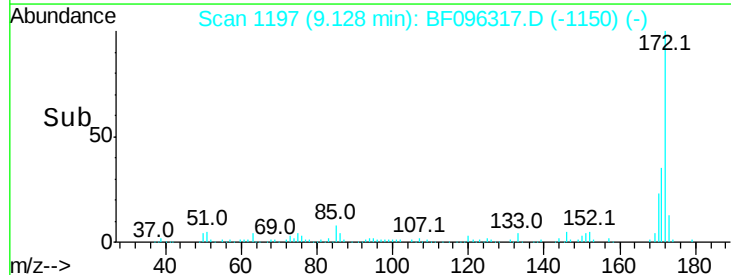
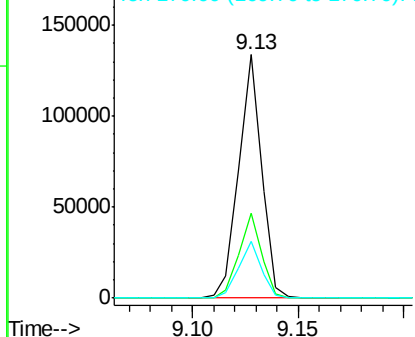


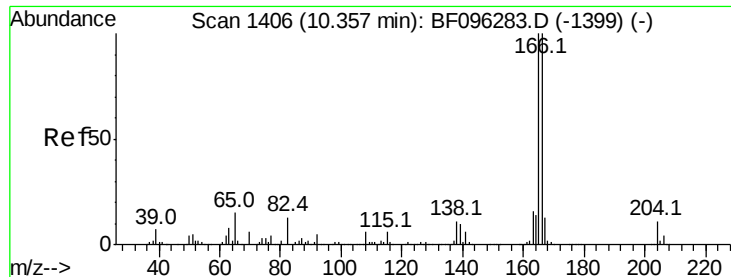
#44
 2-Fluorobiphenyl
 Concen: 9.79 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096317.D
 Acq: 30 Jun 2017 3:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.2	19.8	29.8



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

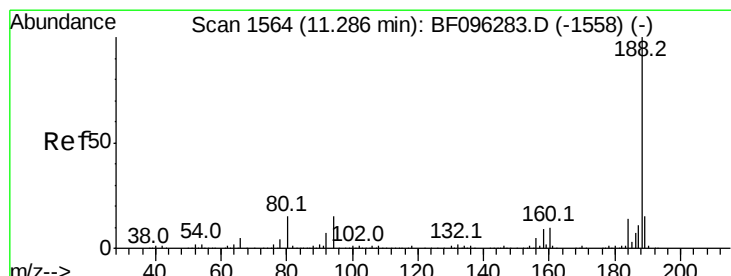
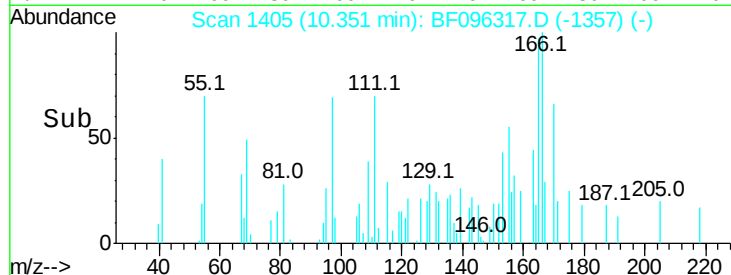
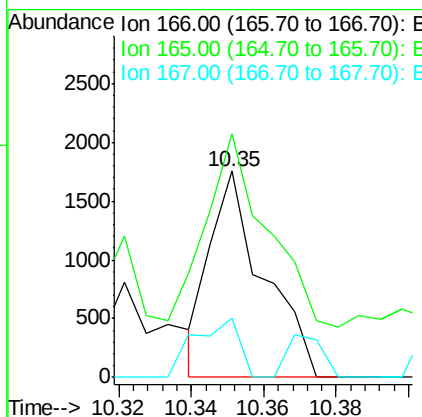
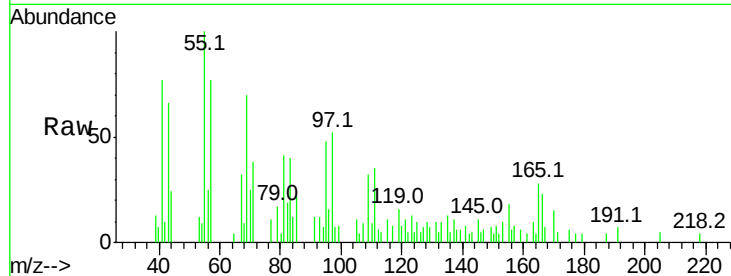




#57
 Fluorene
 Concen: Below Cal
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF096317.D
 Acq: 30 Jun 2017 3:00

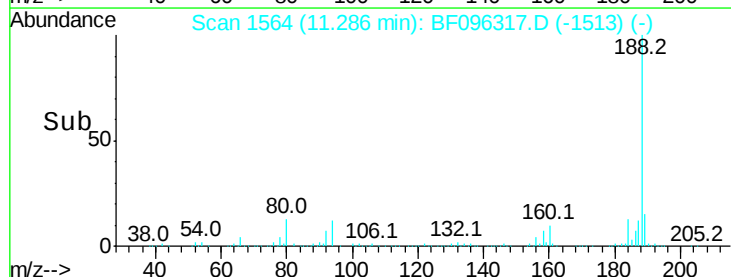
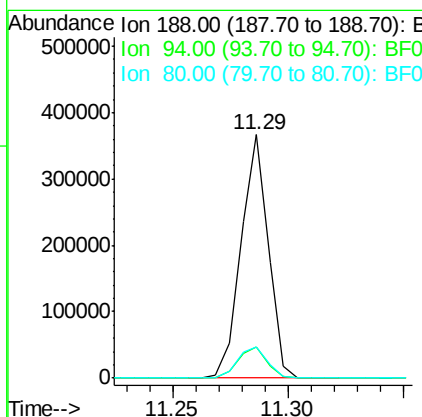
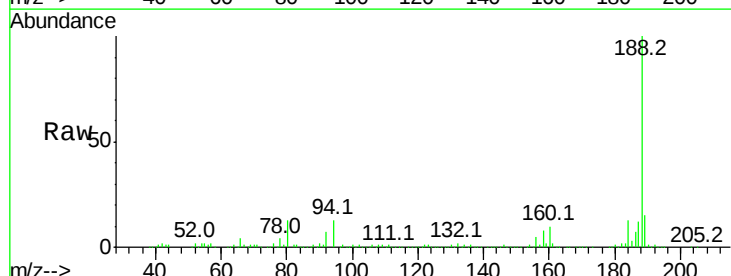
Instrument :
 BNA_F
 ClientSampled :

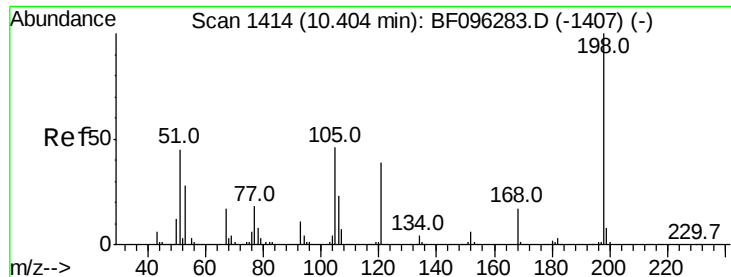
Tot Ion:166 Resp: 1806
 Ion Ratio Lower Upper
 166 100
 165 118.1 78.8 118.2
 167 28.7 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF096317.D
 Acq: 30 Jun 2017 3:00

Tgt Ion:188 Resp: 301047
 Ion Ratio Lower Upper
 188 100
 94 12.7 9.4 14.2
 80 12.9 10.2 15.2





#64

4,6-Dinitro-2-methylphenol

Concen: 8.82 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.22 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Instrument :

BNA_F

ClientSampled :

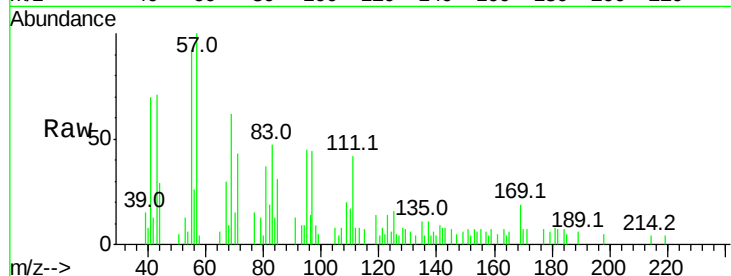
Tot Ion:198 Resp: 137

Ion Ratio Lower Upper

198 100

51 106.7 53.2 93.2#

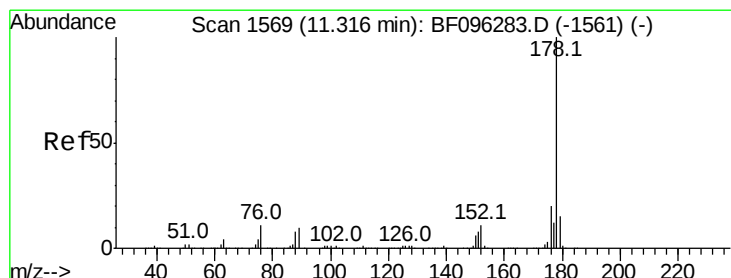
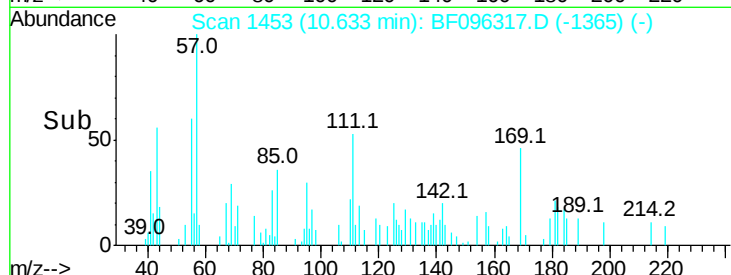
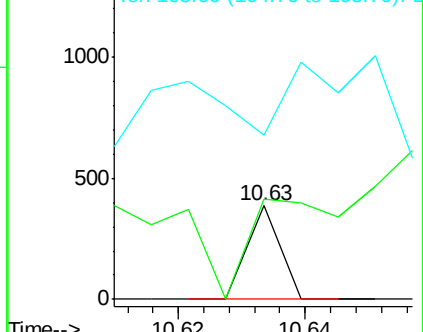
105 175.2 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#70

Phenanthrene

Concen: Below Cal

RT: 11.36 min Scan# 1576

Delta R.T. 0.03 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

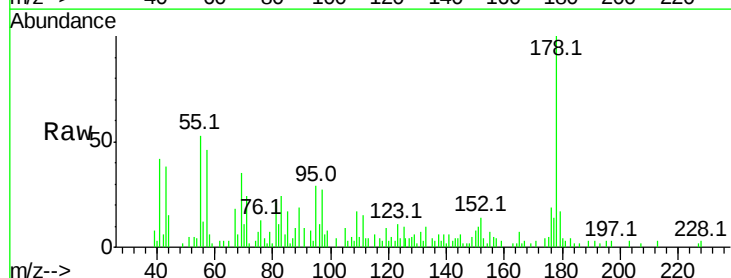
Tgt Ion:178 Resp: 14345

Ion Ratio Lower Upper

178 100

176 18.7 16.2 24.4

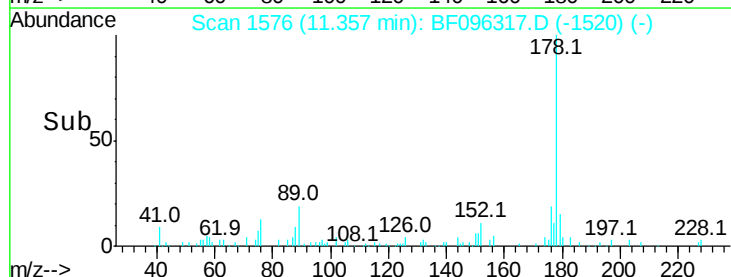
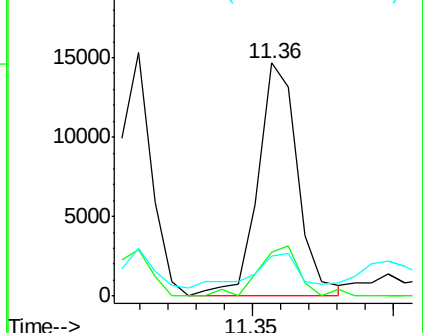
179 17.4 12.6 19.0

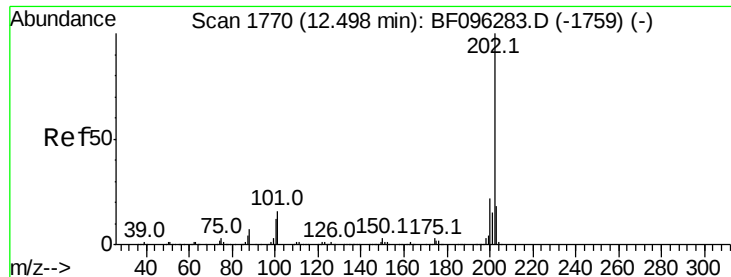


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.03 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Instrument :

BNA_F

ClientSampled :

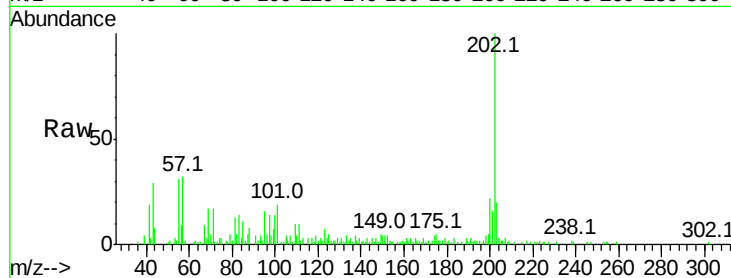
Tot Ion:202 Resp: 34022

Ion Ratio Lower Upper

202 100

101 18.9 0.0 33.2

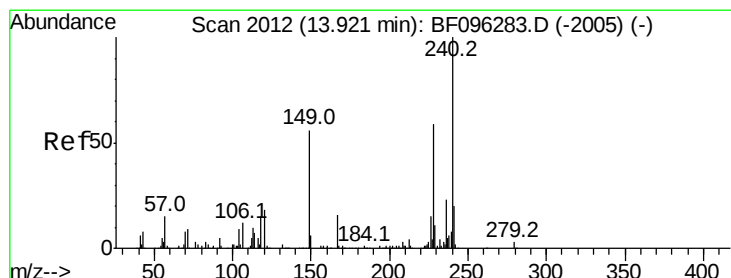
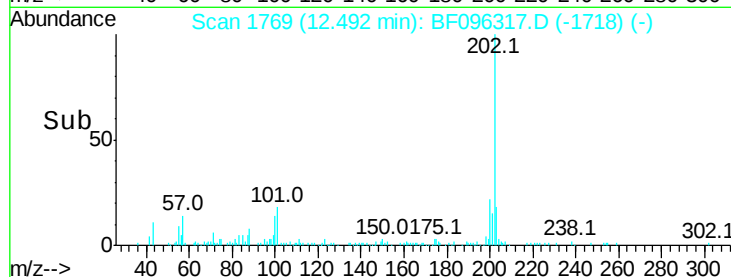
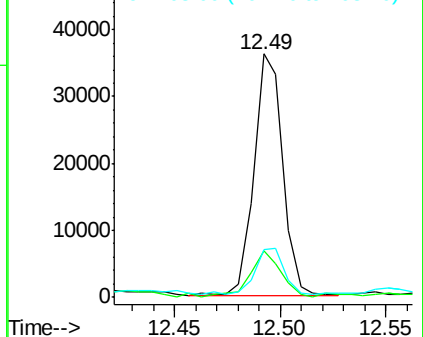
203 19.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

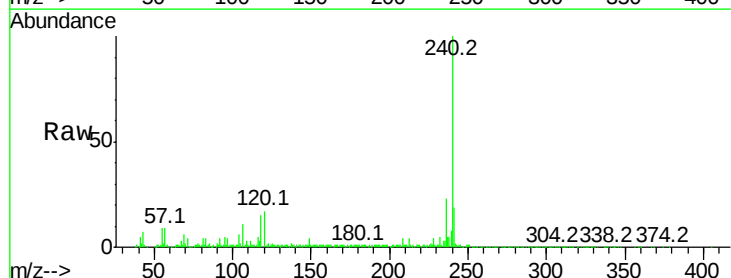
Tgt Ion:240 Resp: 265885

Ion Ratio Lower Upper

240 100

120 17.2 5.8 8.8#

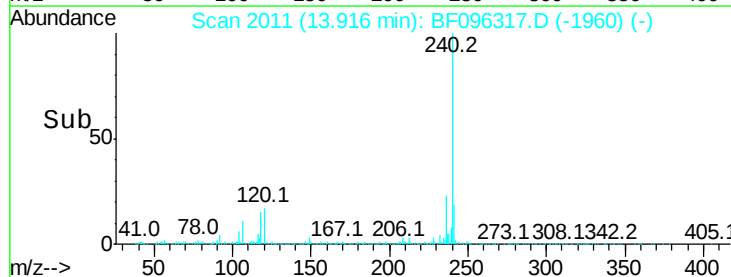
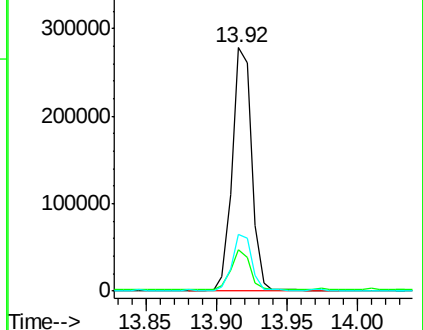
236 23.3 20.5 30.7

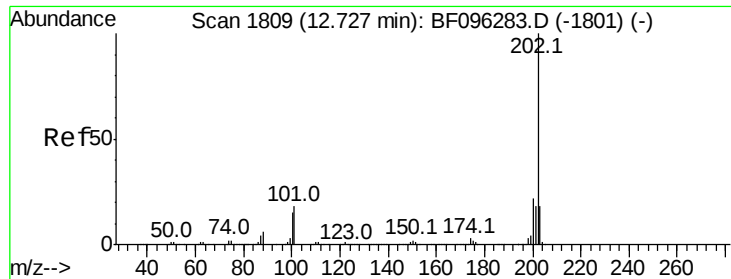


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.43 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Instrument :

BNA_F

ClientSampleId :

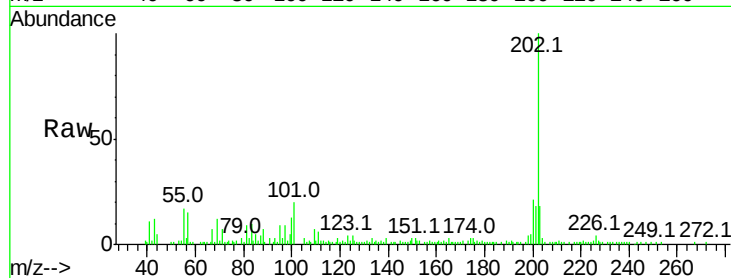
Tot Ion:202 Resp: 53113

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

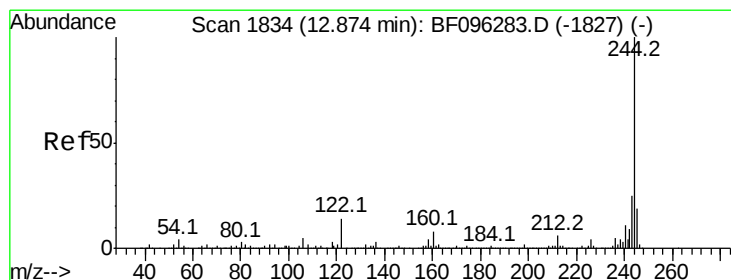
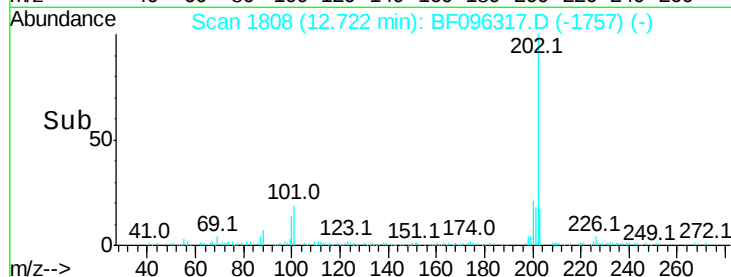
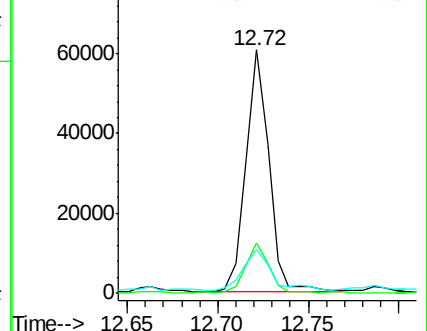
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 7.46 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

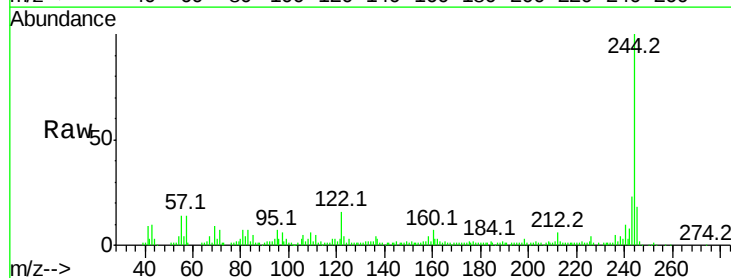
Tgt Ion:244 Resp: 79476

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

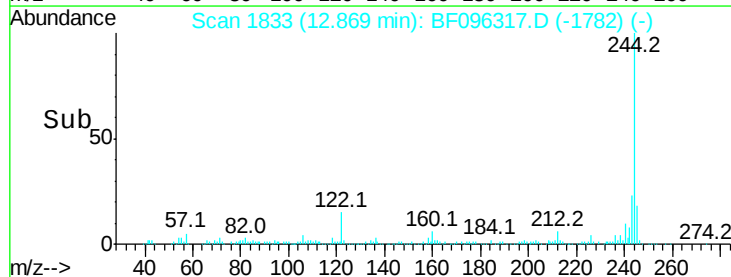
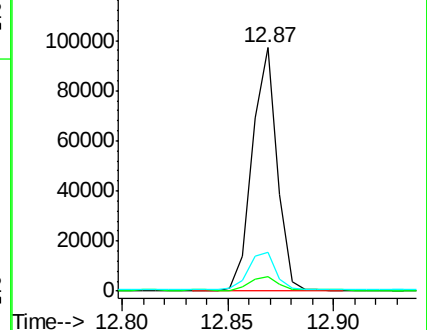
122 15.8 10.3 15.5#

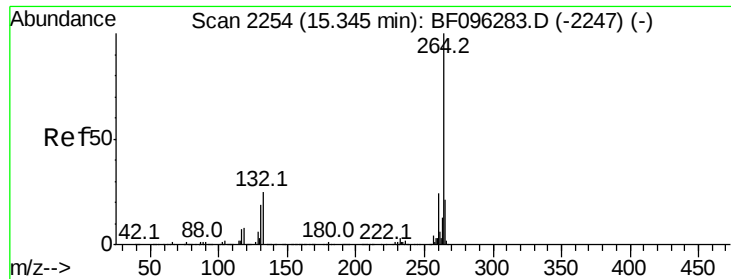


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

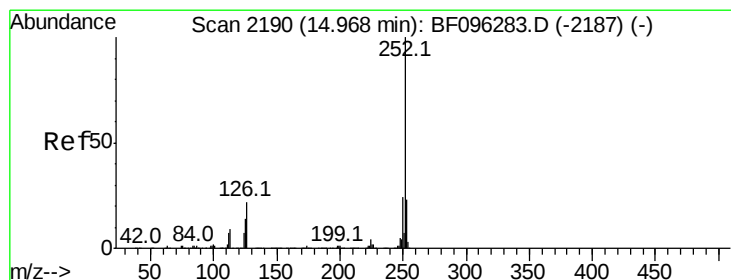
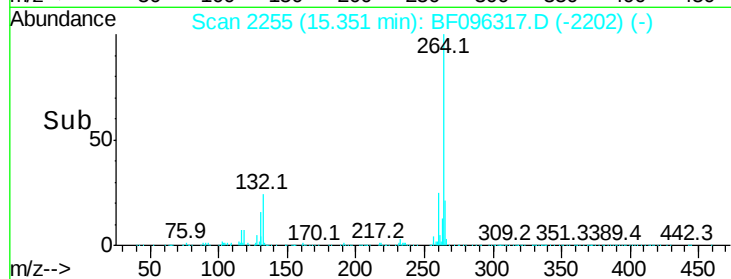
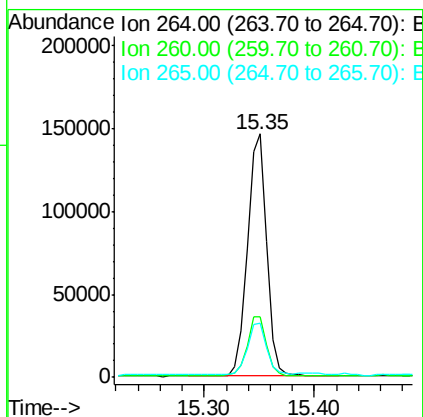
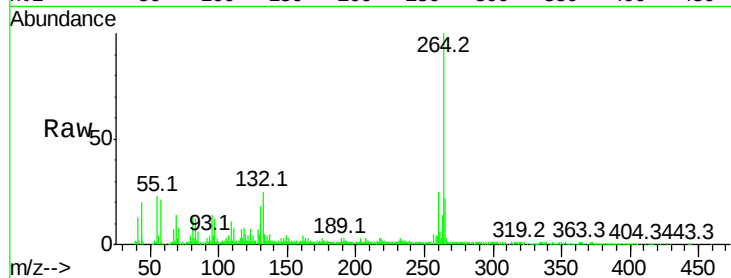




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096317.D
Acq: 30 Jun 2017 3:00

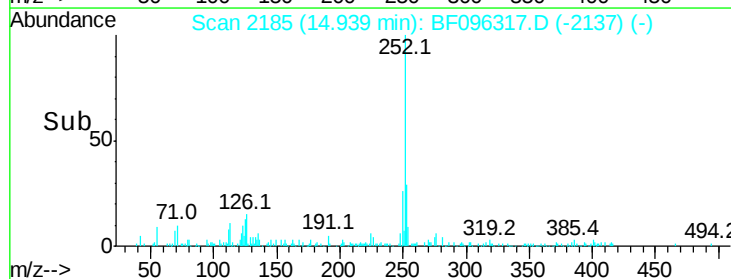
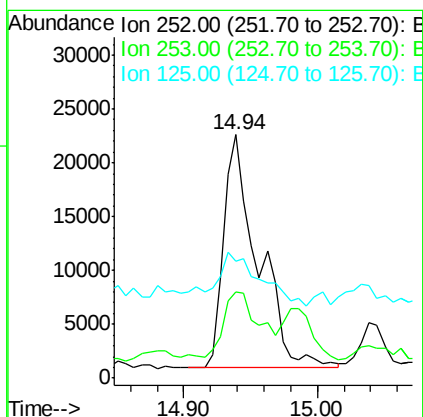
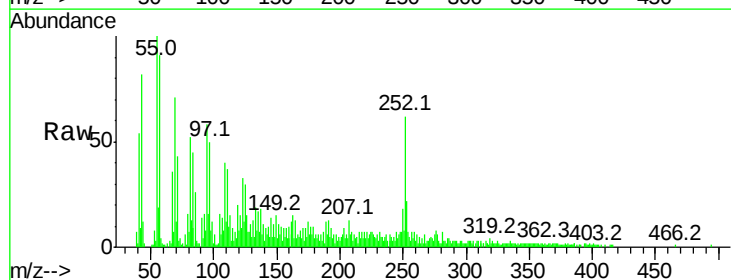
Instrument :
BNA_F
ClientSampleId :

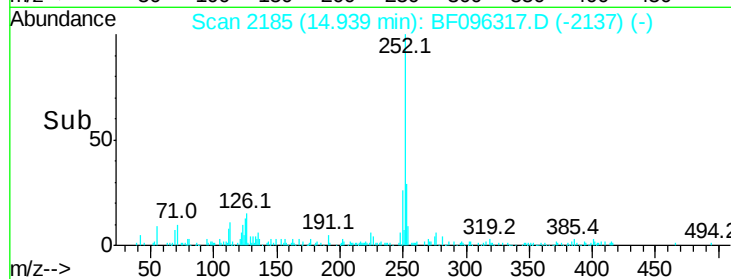
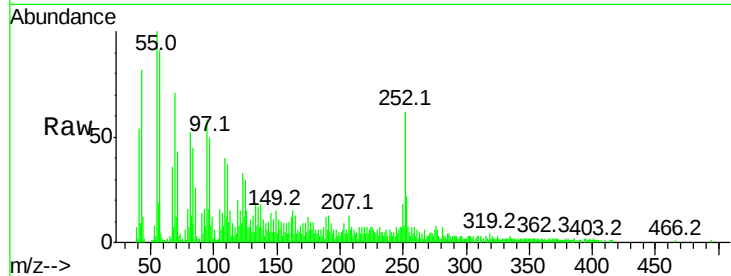
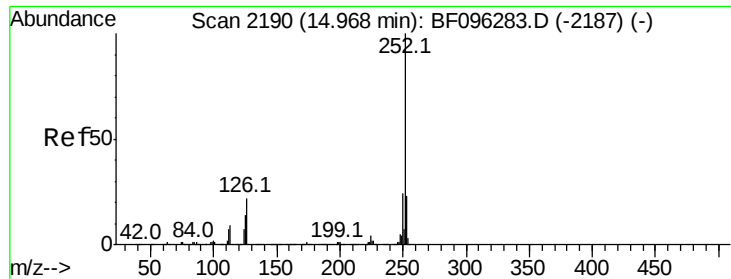
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.3	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 3.30 ng
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096317.D
Acq: 30 Jun 2017 3:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.3	18.1	27.1#
125	47.9	9.8	14.8#





#88

Benzo(k)fluoranthene

Concen: 3.61 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 38644

Ion Ratio Lower Upper

252 100

253 35.3 18.4 27.6#

125 47.9 13.1 19.7#

