

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096265.D
 Acq On : 28 Jun 2017 22:32
 Operator : SJ/MA
 Sample : I3913-01 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 01:38:59 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

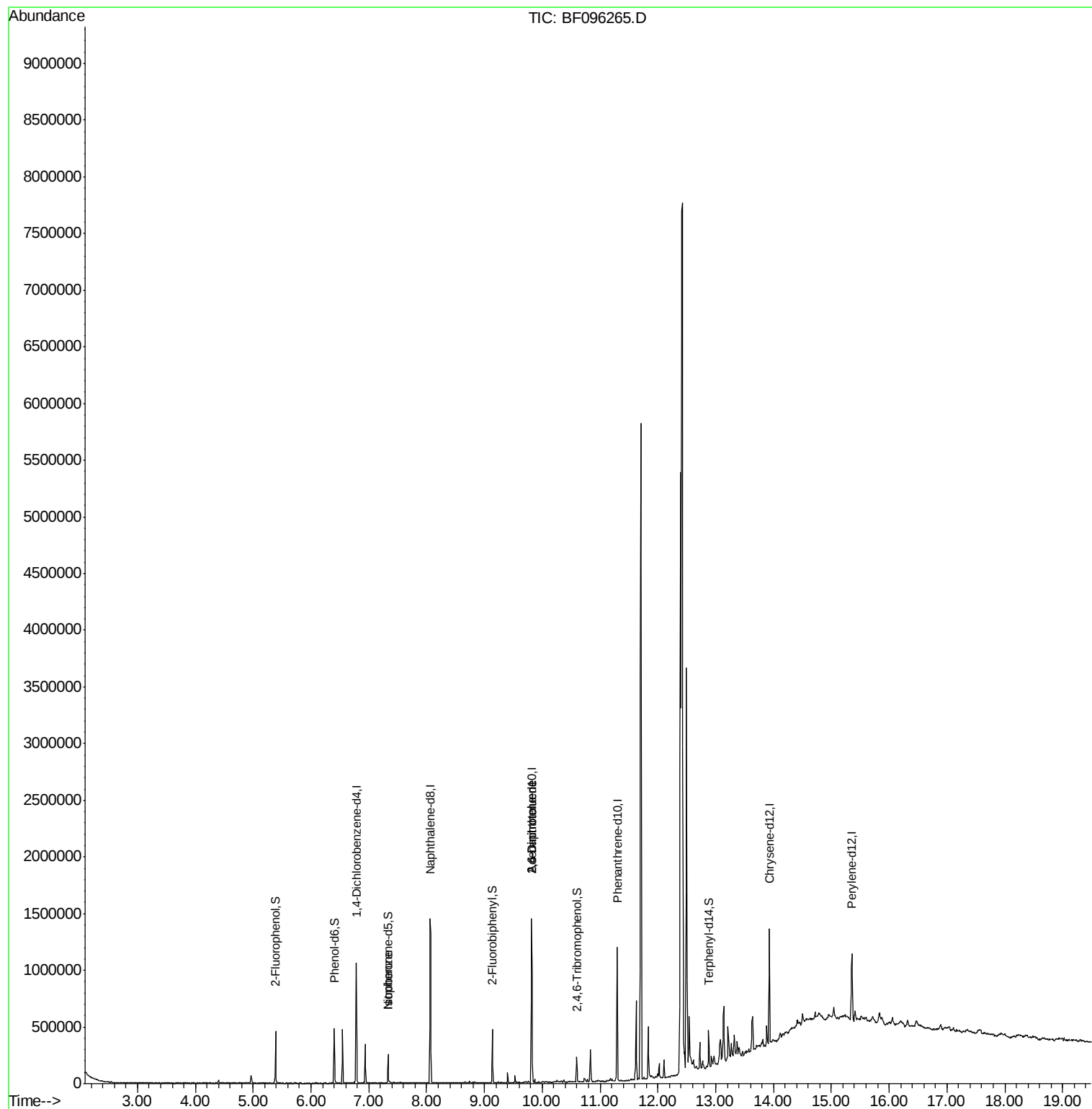
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	157051	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	633191	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	253579	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	389782	20.00	ng	0.01
75) Chrysene-d12	13.93	240	323033	20.00	ng	0.01
86) Perylene-d12	15.36	264	260717	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	111836	10.26	ng	0.00
7) Phenol-d6	6.40	99	136983	10.38	ng	0.01
23) Nitrobenzene-d5	7.33	82	64245	7.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	22166	11.11	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	128906	9.31	ng	-0.01
78) Terphenyl-d14	12.88	244	91522	7.07	ng	0.01
Target Compounds						
9) Benzaldehyde	6.40	77	118	Below Cal	#	1
25) Isophorone	7.33	82	64242	3.09	ng	# 67
50) 2,6-Dinitrotoluene	9.82	165	32244	8.54	ng	# 33
56) 2,4-Dinitrotoluene	9.82	165	32244	6.78	ng	# 33
57) Fluorene	10.35	166	445	Below Cal	#	72
70) Phenanthrene	11.32	178	2843	Below Cal	#	85

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

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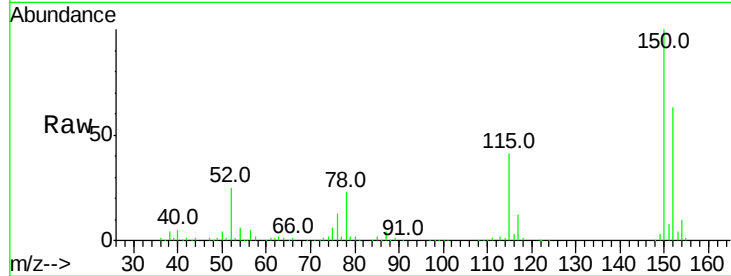


#1

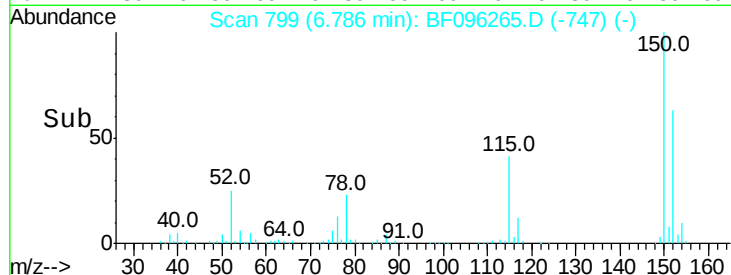
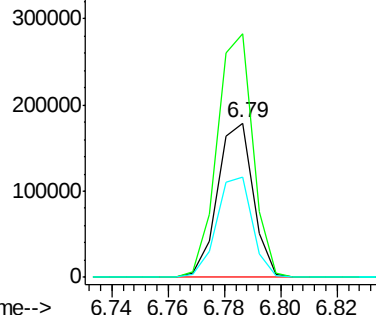
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF096265.D
Acq: 28 Jun 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 157051
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 64.5 52.2 78.2



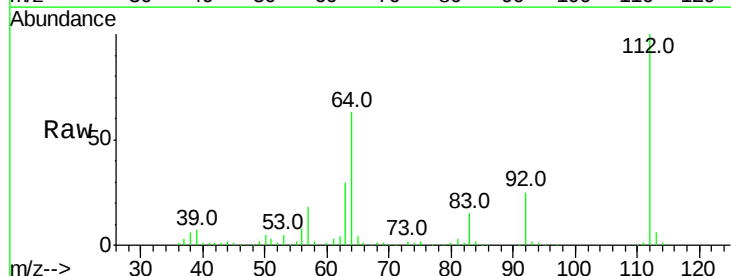
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



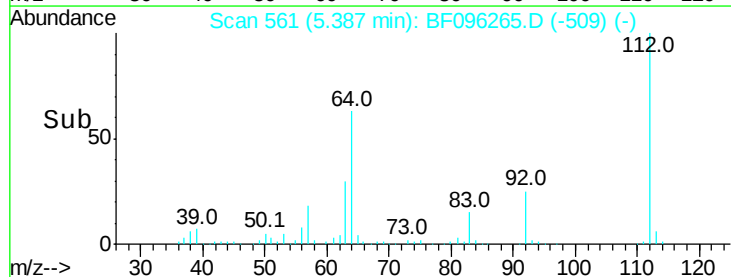
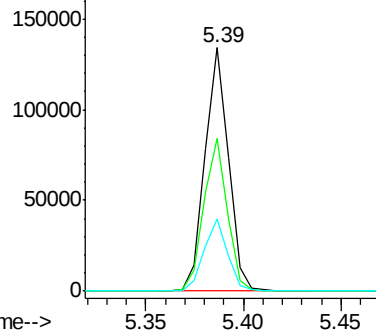
#5

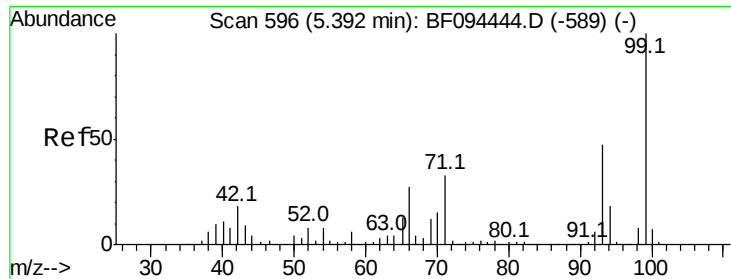
2-Fluorophenol
Concen: 10.26 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF096265.D
Acq: 28 Jun 2017 22:32

Tgt Ion:112 Resp: 111836
Ion Ratio Lower Upper
112 100
64 62.6 46.0 69.0
63 29.6 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: 10.38 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096265.D

Acq: 28 Jun 2017 22:32

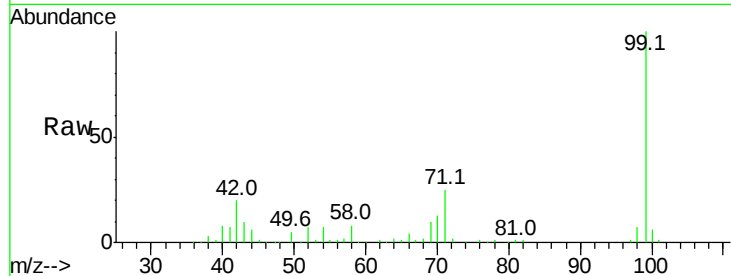
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 136983

Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.5	20.3
71	25.5	24.5	36.7

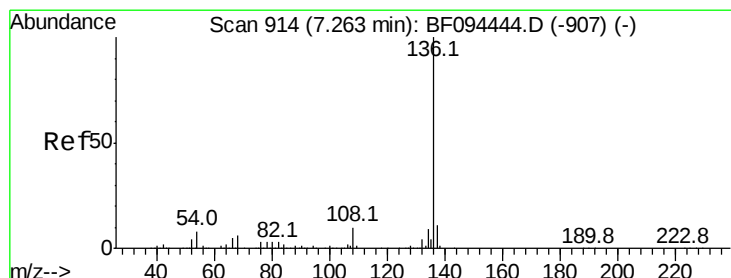
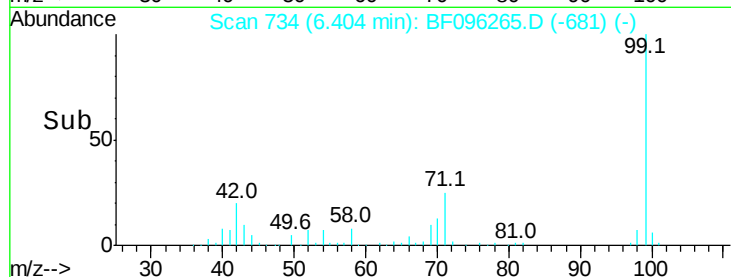
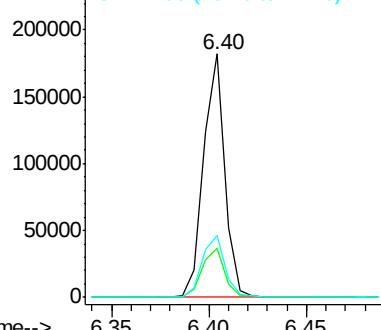


Abundance

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: 8.06 min Scan# 1016

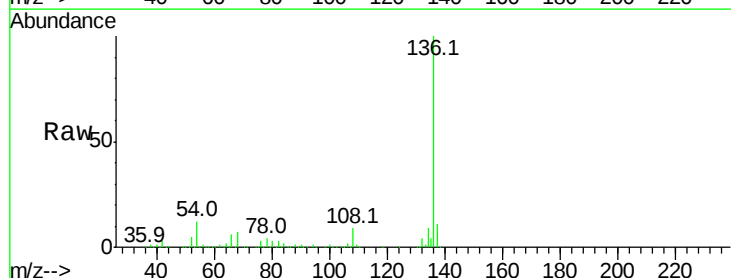
Delta R.T. 0.01 min

Lab File: BF096265.D

Acq: 28 Jun 2017 22:32

Tgt Ion: 136 Resp: 633191

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	12.0	4.9	7.3#
68	7.2	4.1	6.1#



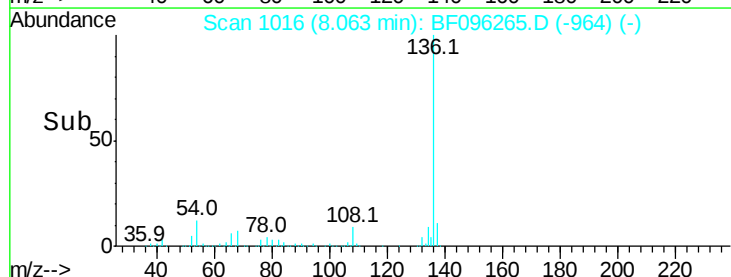
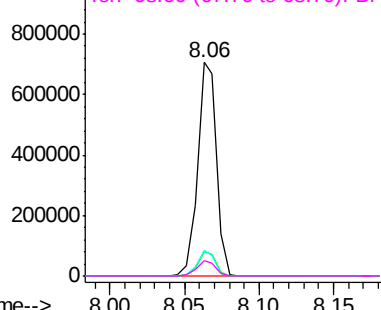
Abundance

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

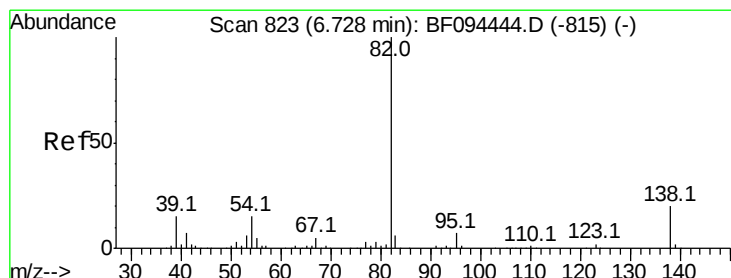
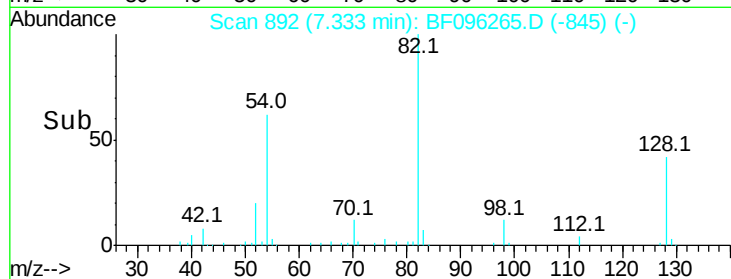
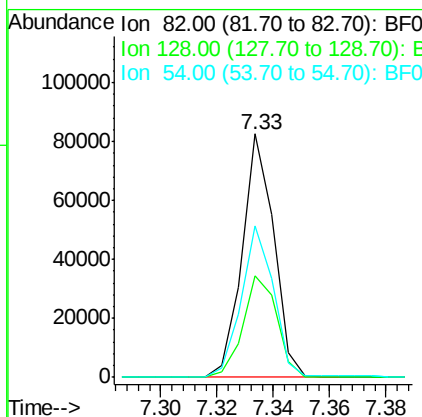
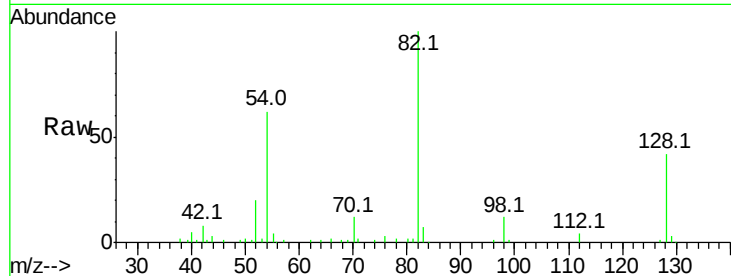




#23
 Nitrobenzene-d5
 Concen: 7.02 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF096265.D
 Acq: 28 Jun 2017 22:32

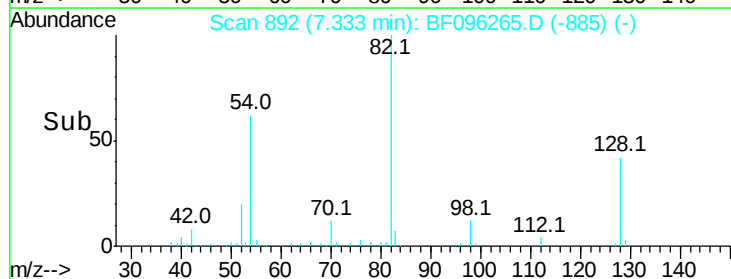
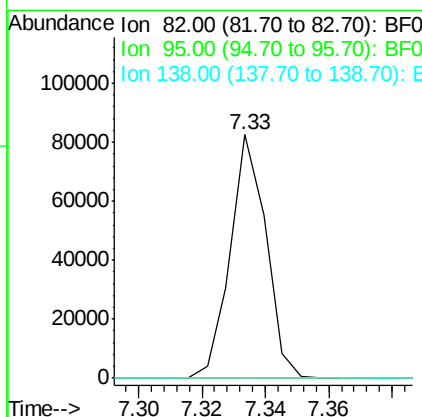
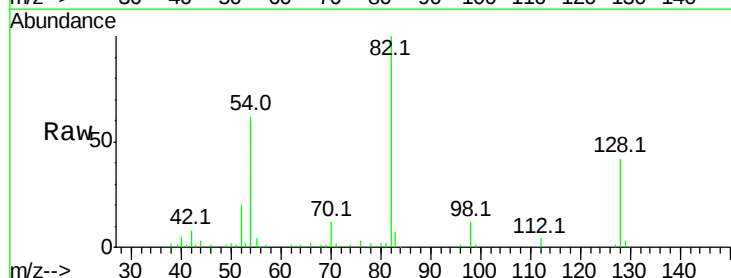
Instrument :
 BNA_F
 ClientSampleId :

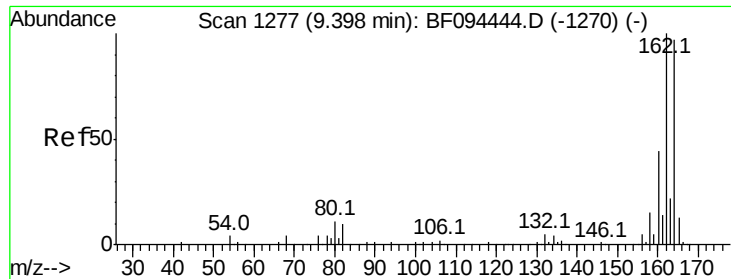
Tot Ion: 82 Resp: 64245
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.0 51.0
 54 62.2 42.2 63.2



#25
 Isophorone
 Concen: 3.09 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.26 min
 Lab File: BF096265.D
 Acq: 28 Jun 2017 22:32

Tgt Ion: 82 Resp: 64242
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

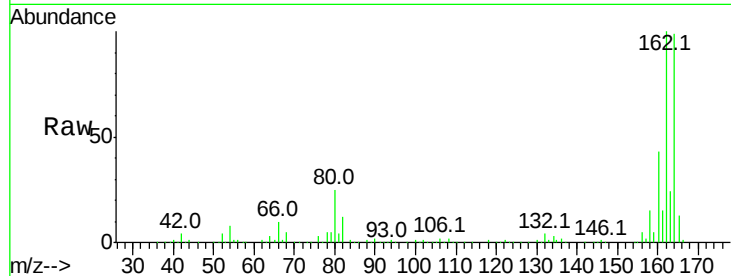




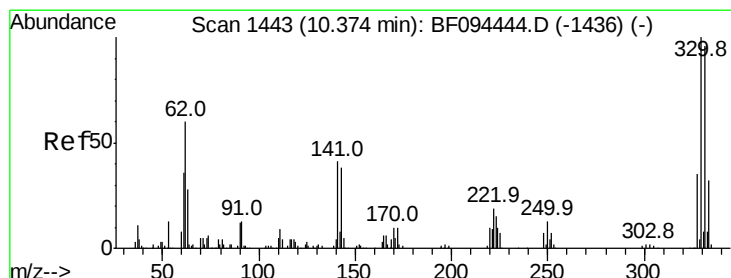
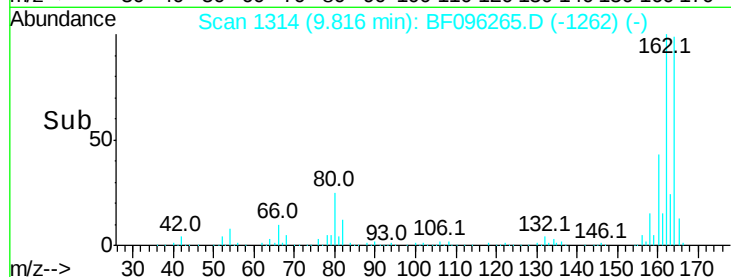
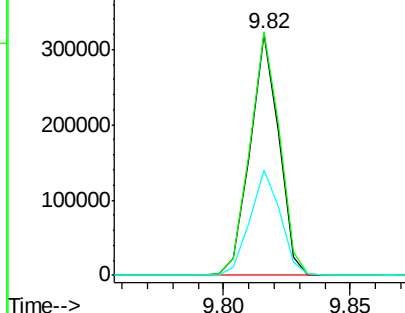
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096265.D
 Acq: 28 Jun 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 253579
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.6 123.8
 160 43.6 36.2 54.2

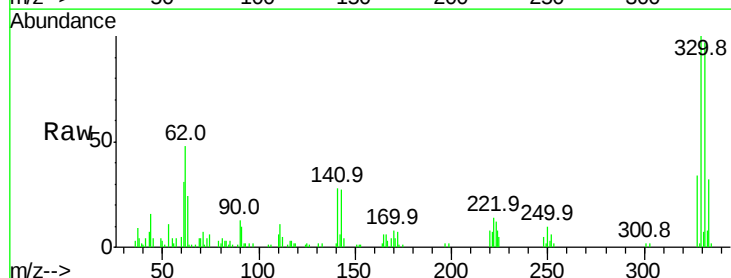


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

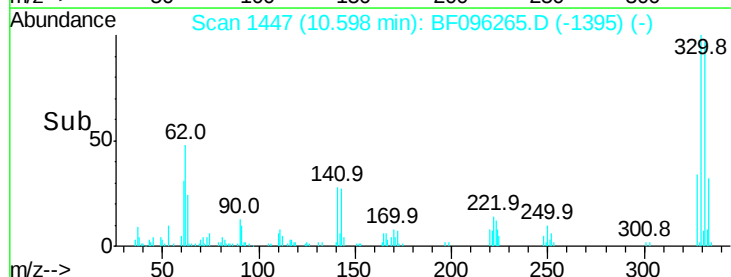
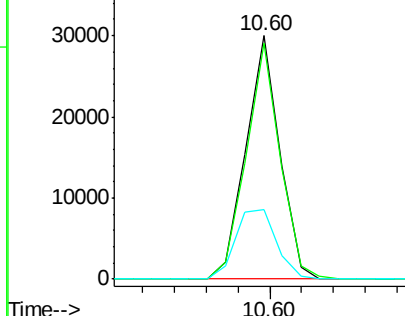


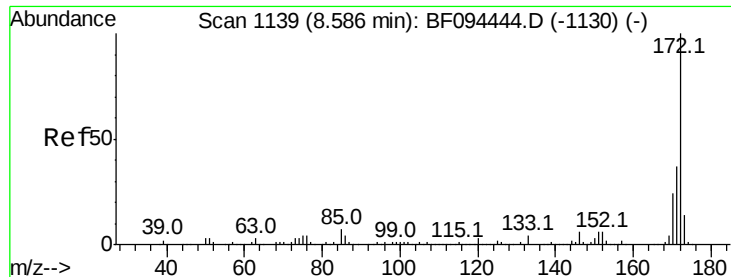
#41
 2,4,6-Tribromophenol
 Concen: 11.11 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF096265.D
 Acq: 28 Jun 2017 22:32

Tgt Ion:330 Resp: 22166
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 34.8 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

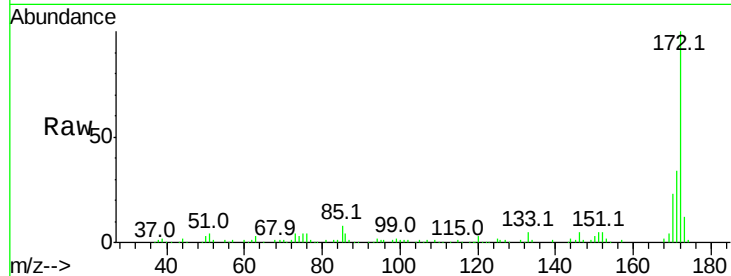




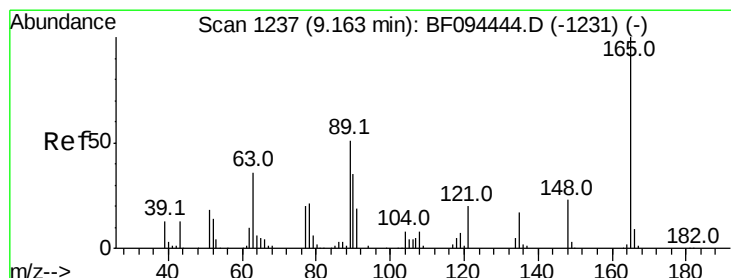
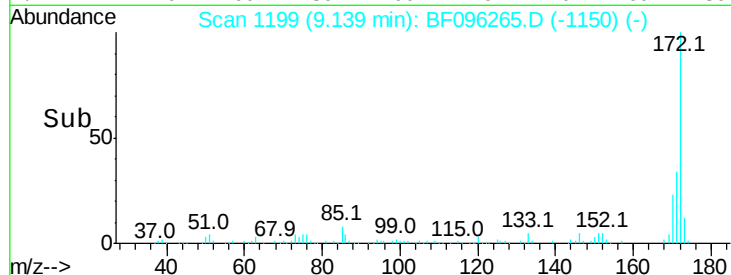
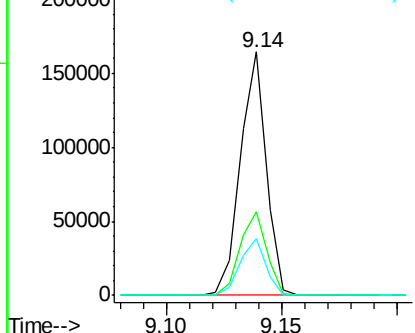
#44
2-Fluorobiphenyl
Concen: 9.31 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF096265.D
Acq: 28 Jun 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.6	44.4
170	23.1	19.8	29.8

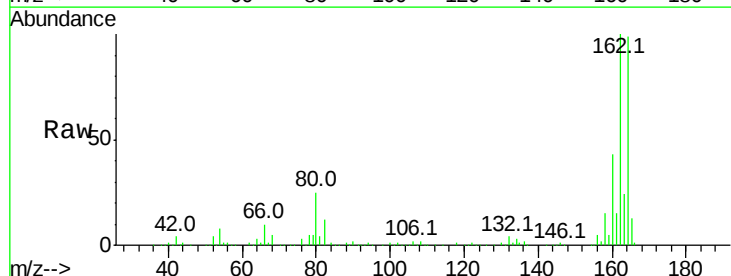


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

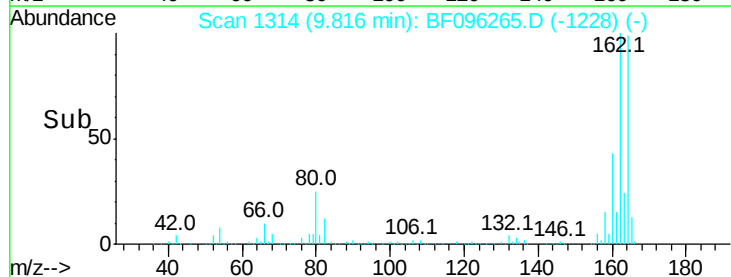
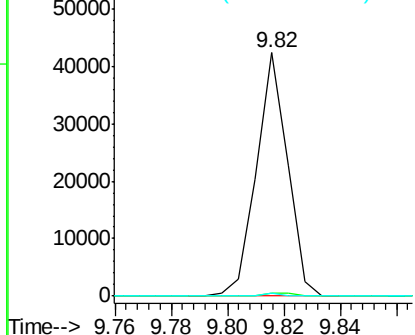


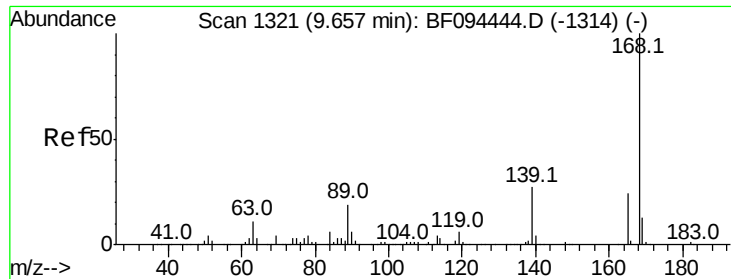
#50
2,6-Dinitrotoluene
Concen: 8.54 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.21 min
Lab File: BF096265.D
Acq: 28 Jun 2017 22:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.4	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

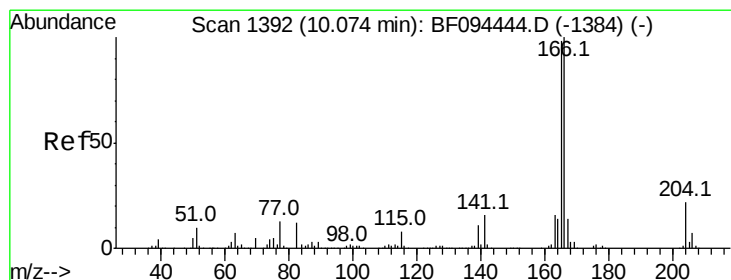
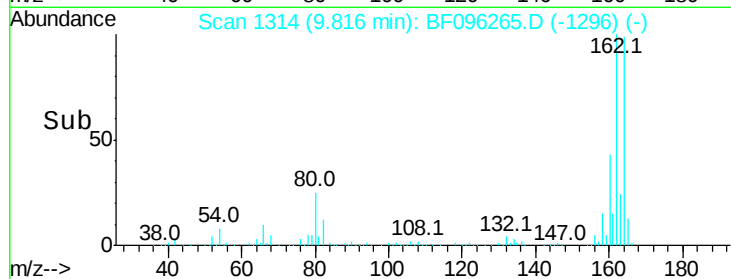
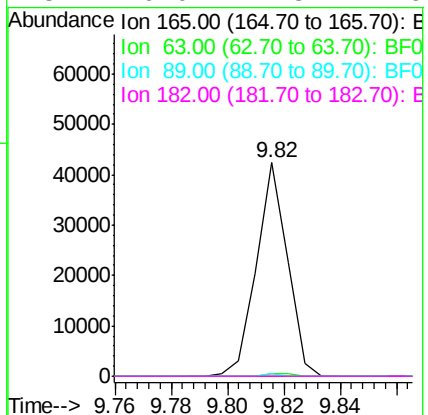
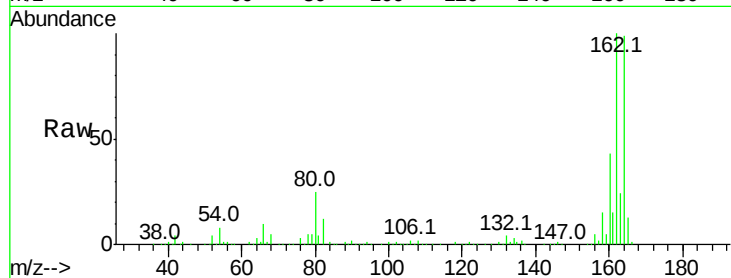




#56
2,4-Dinitrotoluene
Concen: 6.78 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BF096265.D
Acq: 28 Jun 2017 22:32

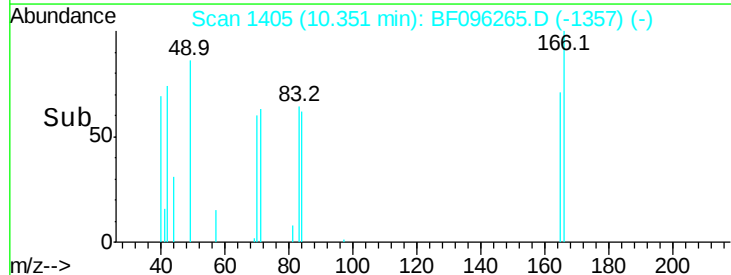
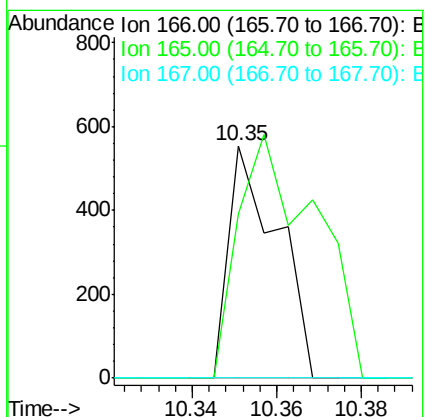
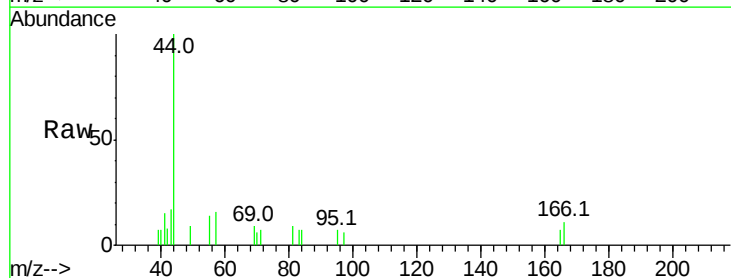
Instrument :
BNA_F
ClientSampleId :

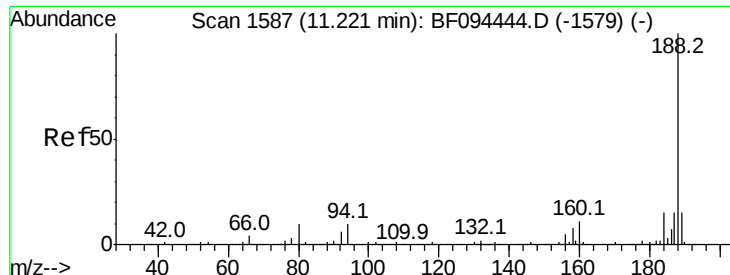
Tot Ion:165 Resp: 32244
Ion Ratio Lower Upper
165 100
63 1.1 25.4 38.0#
89 1.4 46.4 69.6#
182 0.0 1.8 2.6#



#57
Fluorene
Concen: Below Cal
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF096265.D
Acq: 28 Jun 2017 22:32

Tgt Ion:166 Resp: 445
Ion Ratio Lower Upper
166 100
165 70.9 78.8 118.2#
167 0.0 10.6 16.0#

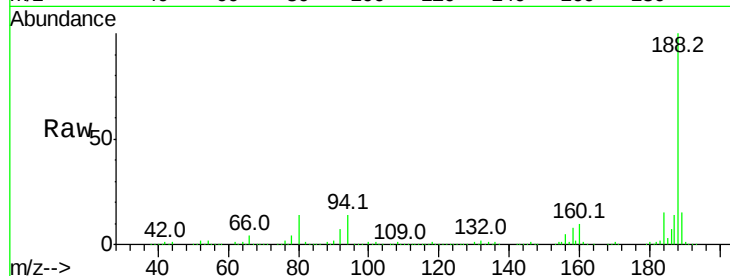




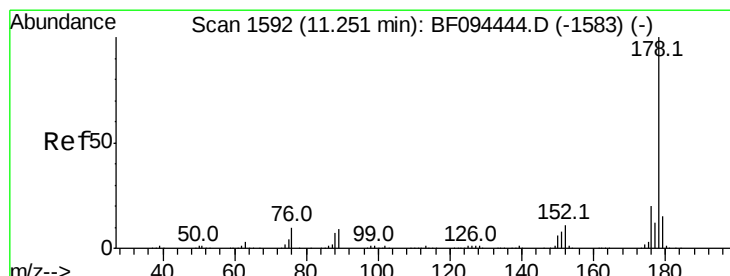
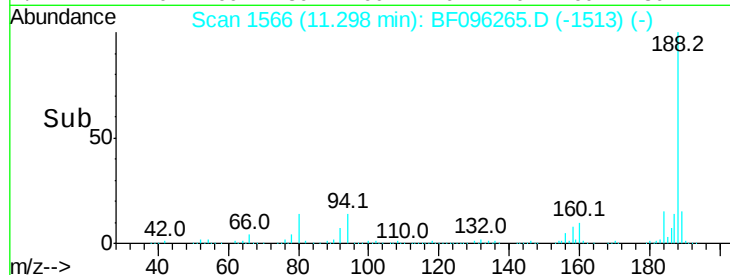
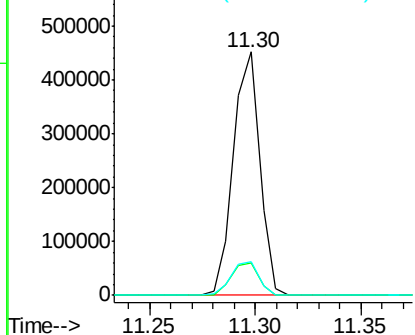
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF096265.D
 Acq: 28 Jun 2017 22:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 389782
 Ion Ratio Lower Upper
 188 100
 94 13.5 9.4 14.2
 80 14.1 10.2 15.2

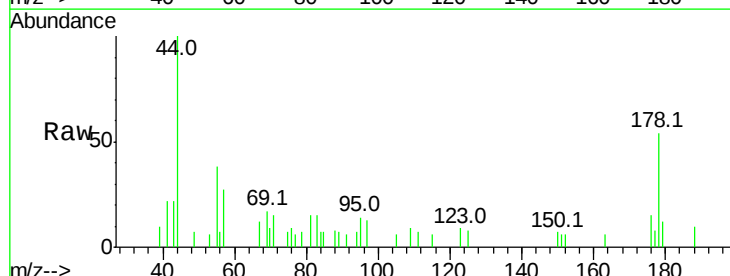


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

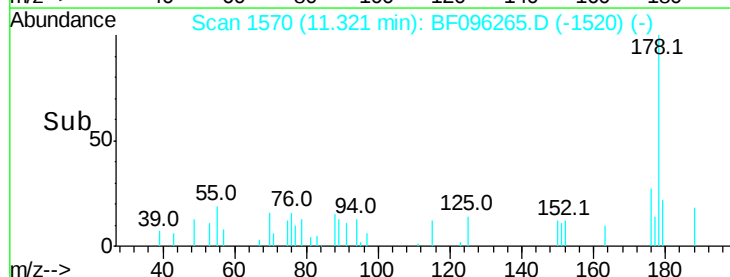
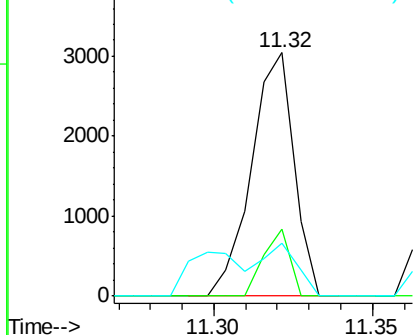


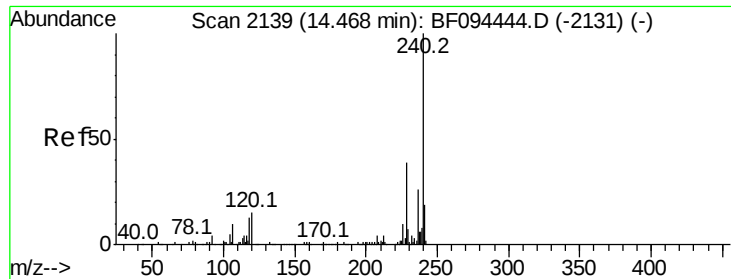
#70
 Phenanthrene
 Concen: Below Cal
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF096265.D
 Acq: 28 Jun 2017 22:32

Tgt Ion:178 Resp: 2843
 Ion Ratio Lower Upper
 178 100
 176 27.4 16.2 24.4#
 179 21.6 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF096265.D

Acq: 28 Jun 2017 22:32

Instrument :

BNA_F

ClientSampled :

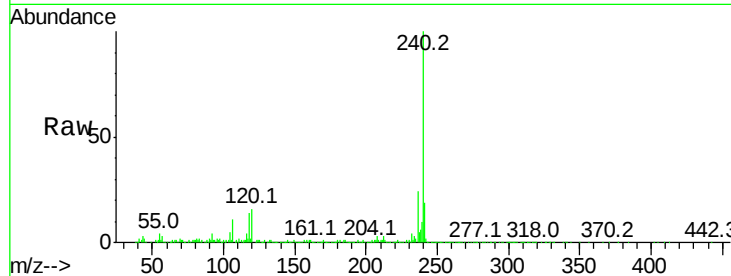
Tot Ion:240 Resp: 323033

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

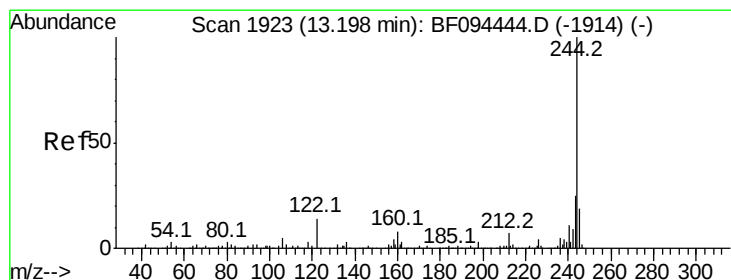
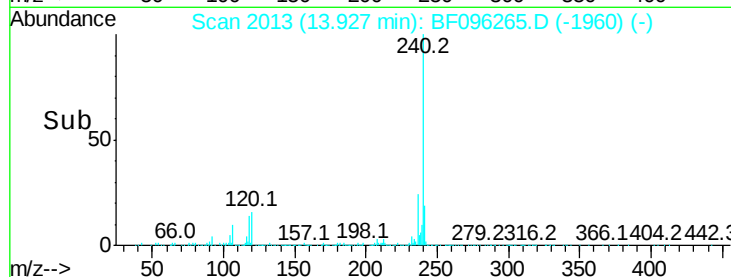
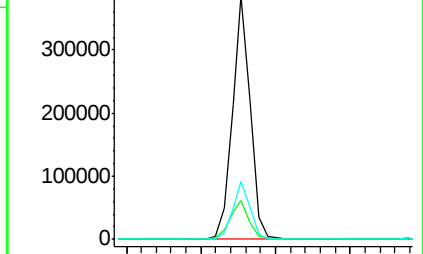
236 23.6 20.5 30.7



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



#78

Terphenyl-d14

Concen: 7.07 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BF096265.D

Acq: 28 Jun 2017 22:32

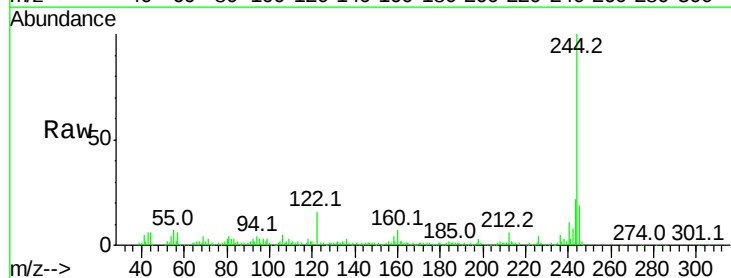
Tgt Ion:244 Resp: 91522

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

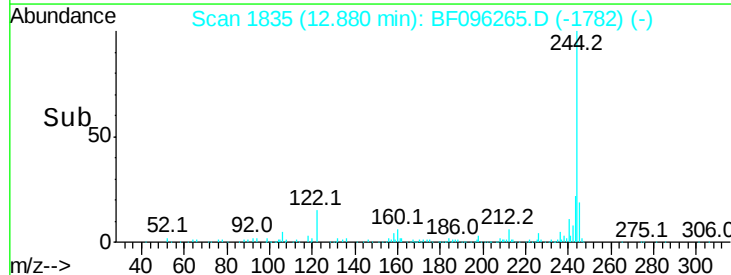
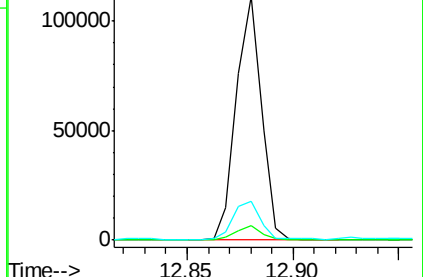
122 15.8 10.3 15.5#

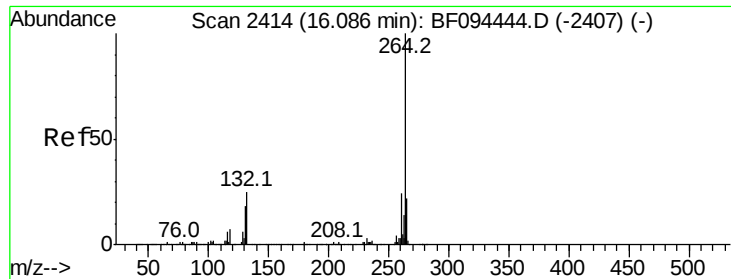


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 2256
Delta R.T. 0.02 min
Lab File: BF096265.D
Acq: 28 Jun 2017 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.4	17.2	25.8

