

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
 Data File : BF096329.D
 Acq On : 30 Jun 2017 11:27
 Operator : SJ/MA
 Sample : I3874-03 50X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TL-DR-01

Quant Time: Jun 30 17:41:44 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

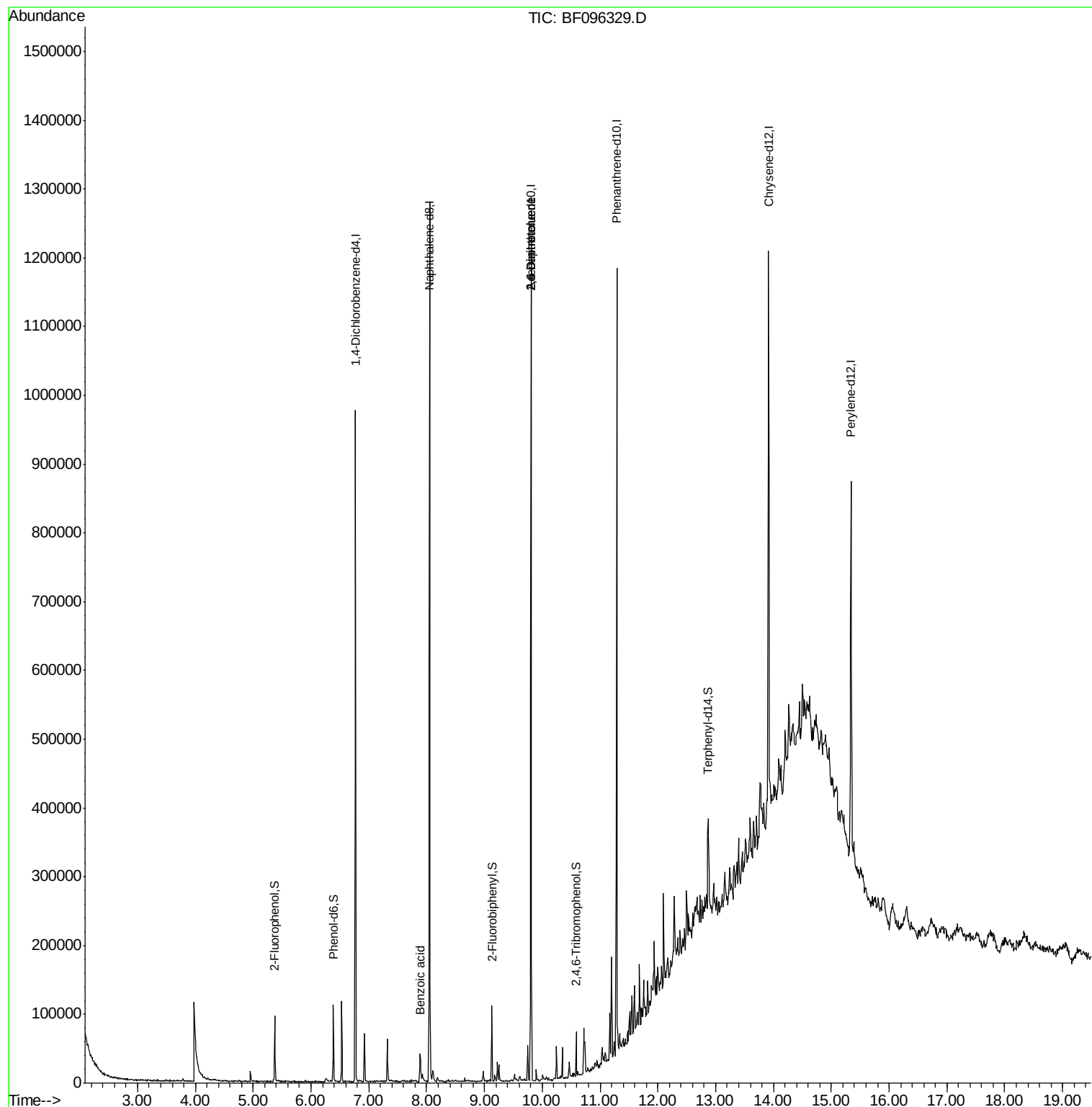
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	128848	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	536804	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	223182	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	378713	20.00	ng	0.00
75) Chrysene-d12	13.92	240	265598	20.00	ng	0.00
86) Perylene-d12	15.34	264	256880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	26562	2.97	ng	0.00
7) Phenol-d6	6.39	99	33715	3.11	ng	0.00
23) Nitrobenzene-d5	7.32	82	15317	1.98	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	6358	3.62	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	31156	2.56	ng	-0.02
78) Terphenyl-d14	12.87	244	28340	2.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	530	Below Cal	#	78
32) Benzoic acid	7.90	122	1505	9.004 ng	#	31
50) 2,6-Dinitrotoluene	9.80	165	28738	8.650 ng	#	33
56) 2,4-Dinitrotoluene	9.80	165	28738	6.863 ng	#	33
57) Fluorene	10.59	166	253	Below Cal	#	93
70) Phenanthrene	11.30	178	153	Below Cal	#	23

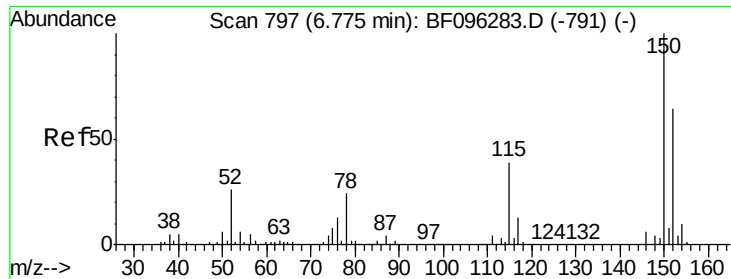
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
Data File : BF096329.D
Acq On : 30 Jun 2017 11:27
Operator : SJ/MA
Sample : I3874-03 50X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Quant Time: Jun 30 17:41:44 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



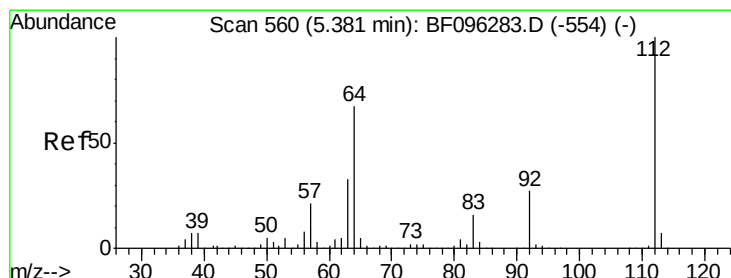
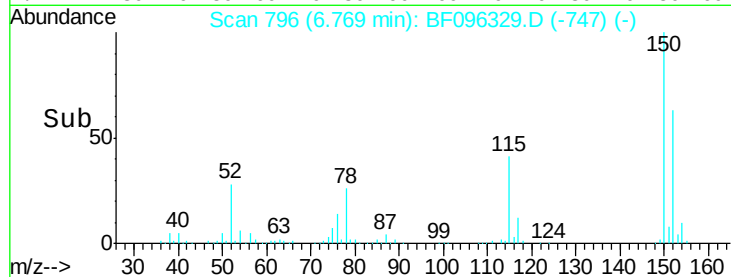
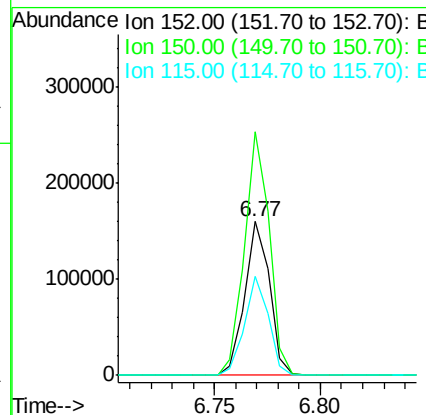
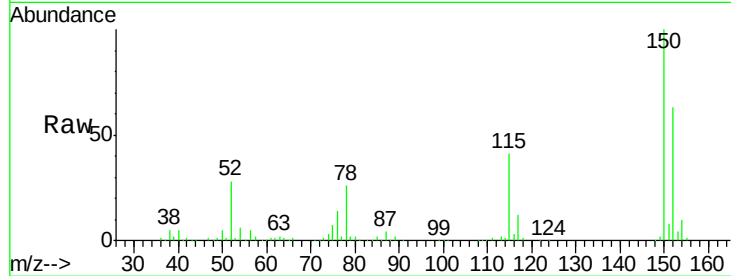


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

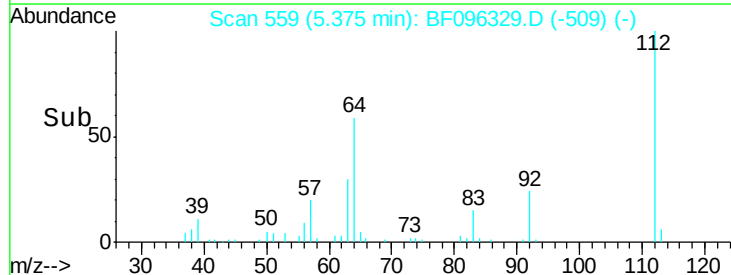
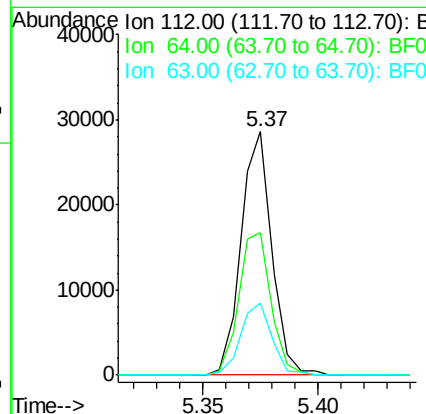
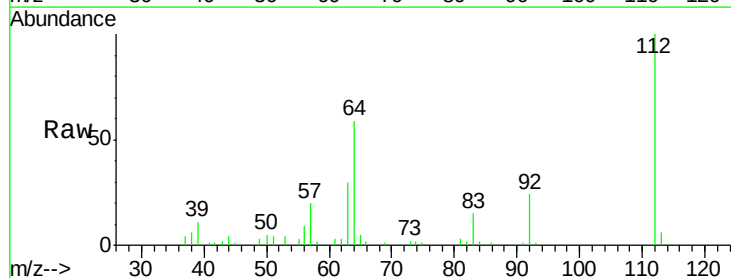
Tgt Ion:152 Resp: 128848
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 64.6 52.2 78.2

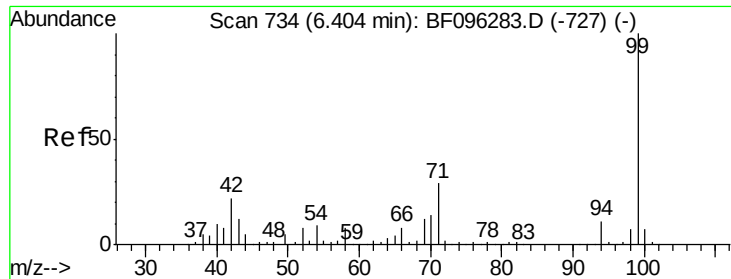


#5

2-Fluorophenol
Concen: 2.970 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Tgt Ion:112 Resp: 26562
Ion Ratio Lower Upper
112 100
64 58.6 46.0 69.0
63 29.6 23.4 35.0





#7

Phenol-d6

Concen: 3.113 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096329.D

Acq: 30 Jun 2017 11:27

Instrument :

BNA_F

ClientSampled :

TL-DR-01

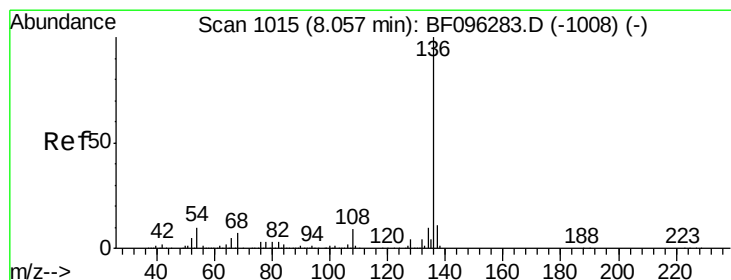
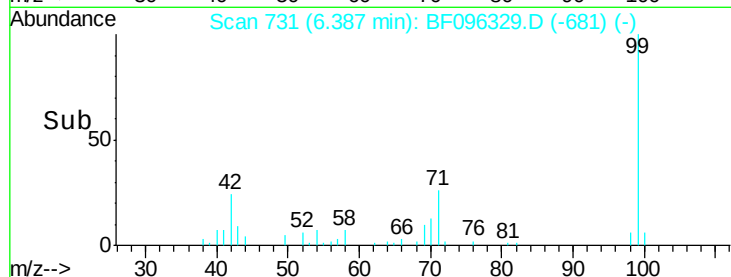
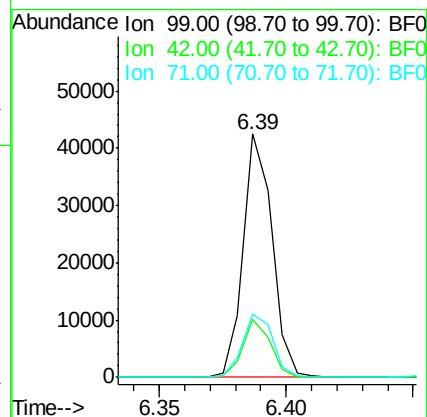
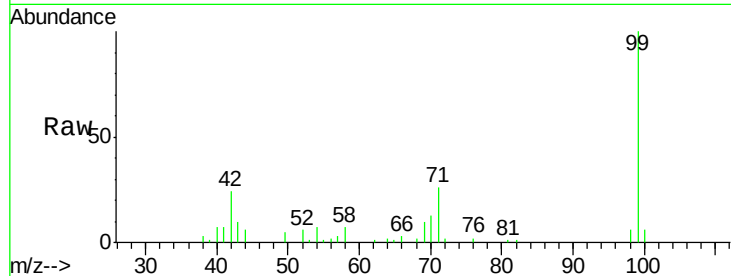
Tgt Ion: 99 Resp: 33715

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

71 26.0 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096329.D

Acq: 30 Jun 2017 11:27

Tgt Ion: 136 Resp: 536804

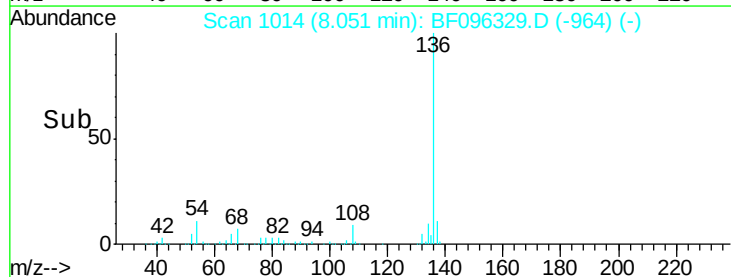
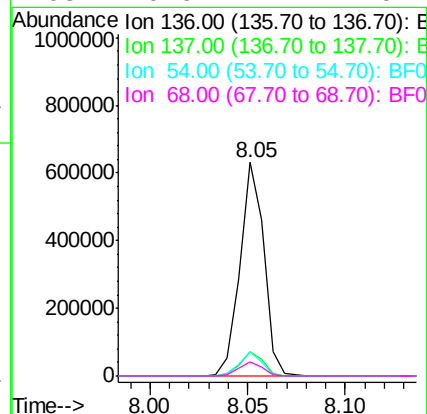
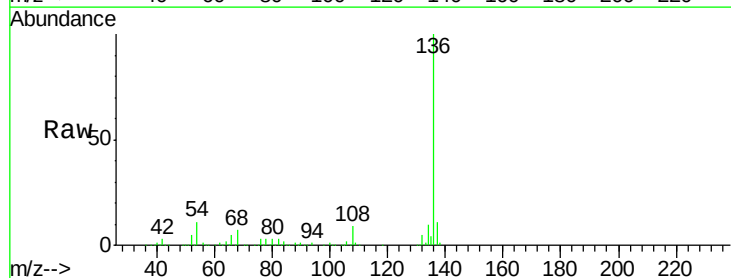
Ion Ratio Lower Upper

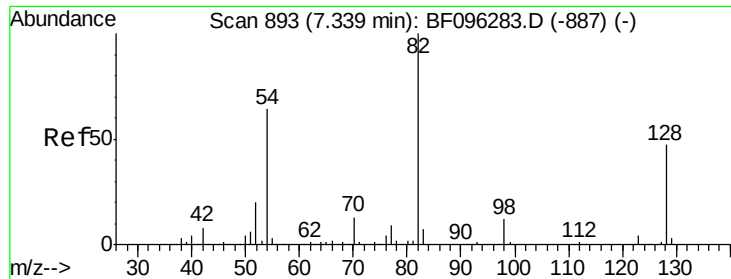
136 100

137 11.3 8.5 12.7

54 11.4 4.9 7.3#

68 6.6 4.1 6.1#

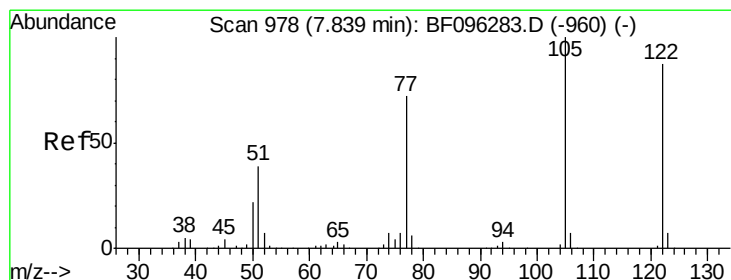
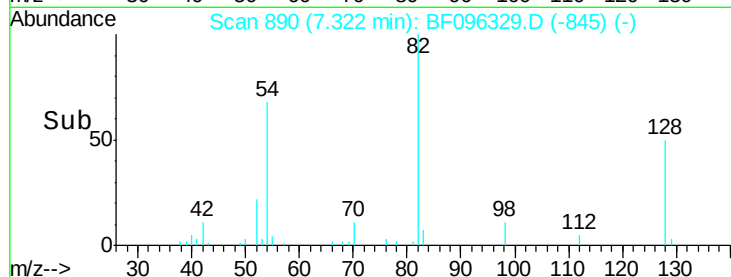
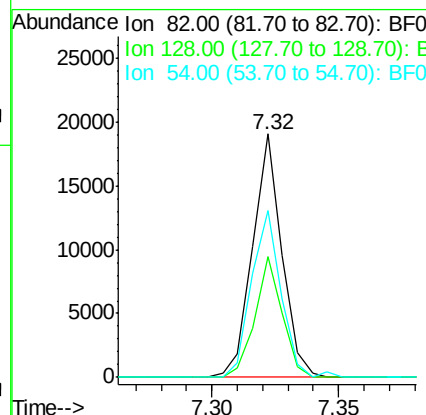
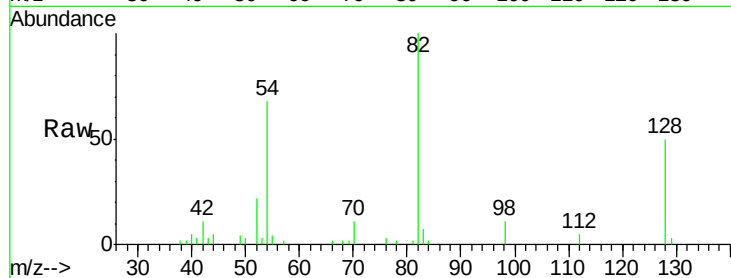




#23
 Nitrobenzene-d5
 Concen: 1.975 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.04 min
 Lab File: BF096329.D
 Acq: 30 Jun 2017 11:27

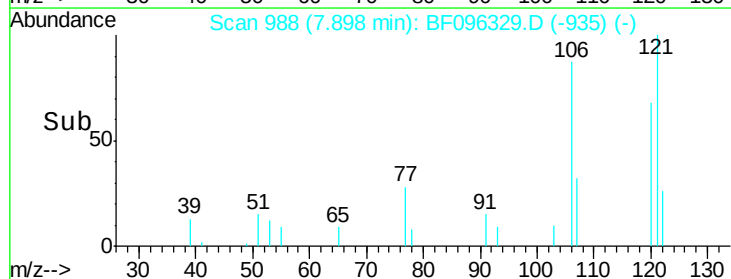
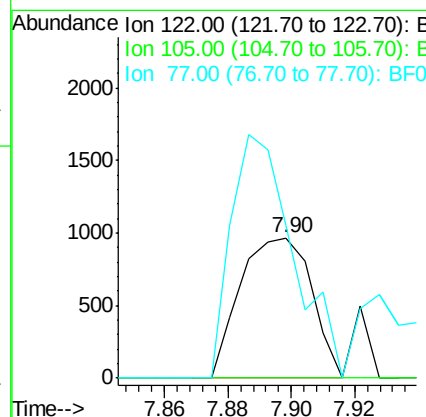
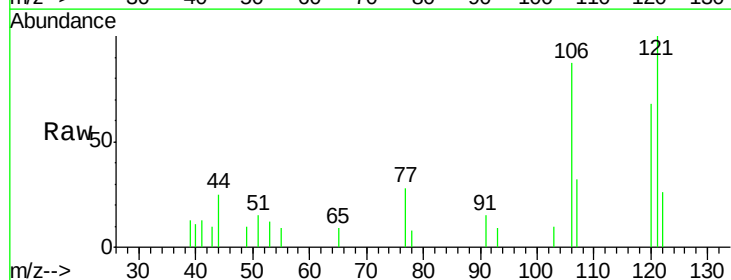
Instrument :
 BNA_F
 ClientSampleId :
 TL-DR-01

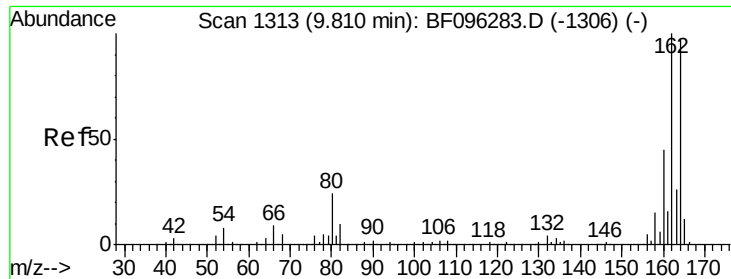
Tgt Ion: 82 Resp: 15317
 Ion Ratio Lower Upper
 82 100
 128 49.7 34.0 51.0
 54 68.4 42.2 63.2#



#32
 Benzoic acid
 Concen: 9.004 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF096329.D
 Acq: 30 Jun 2017 11:27

Tgt Ion: 122 Resp: 1505
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.3 143.3#
 77 109.2 73.7 113.7

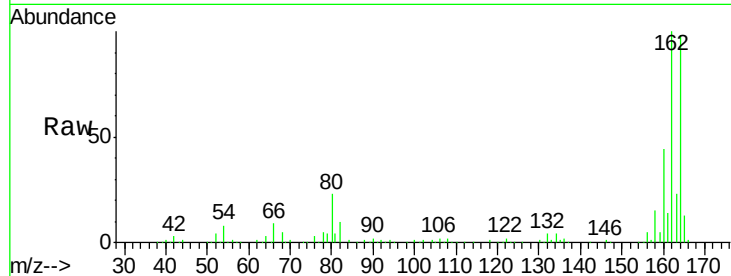




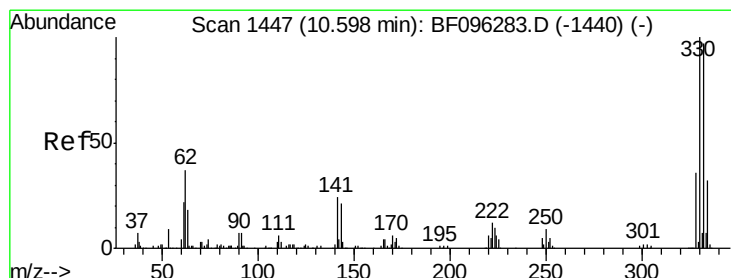
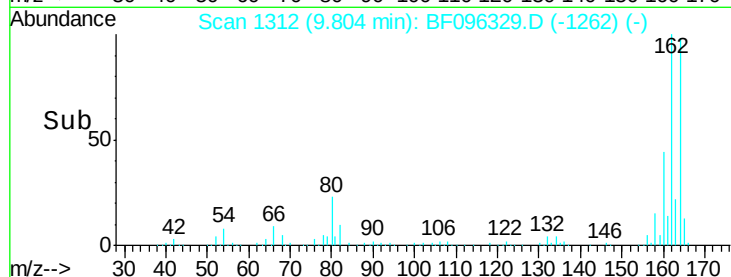
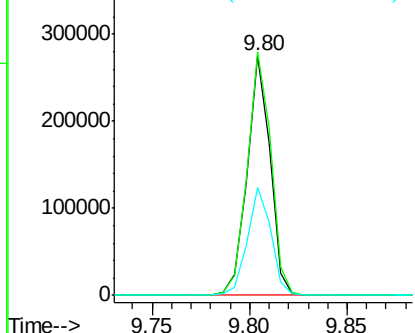
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Tgt Ion:164 Resp: 223182
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 44.9 36.2 54.2

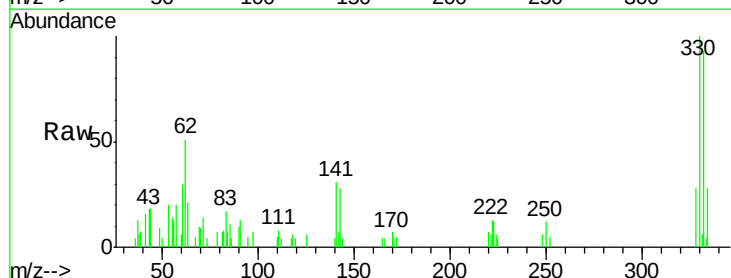


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

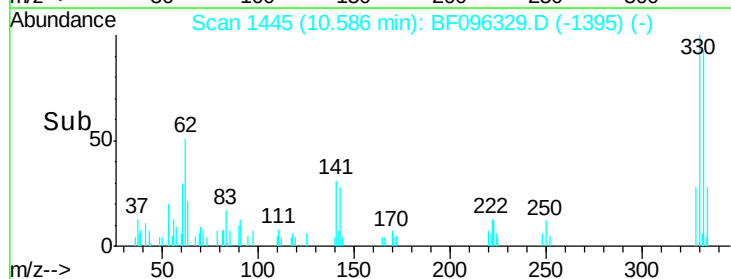
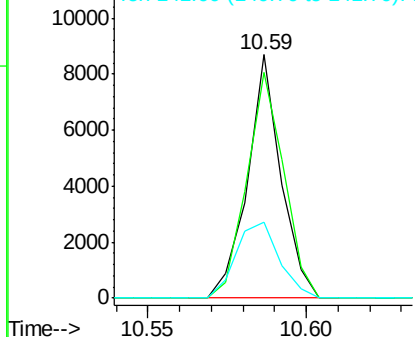


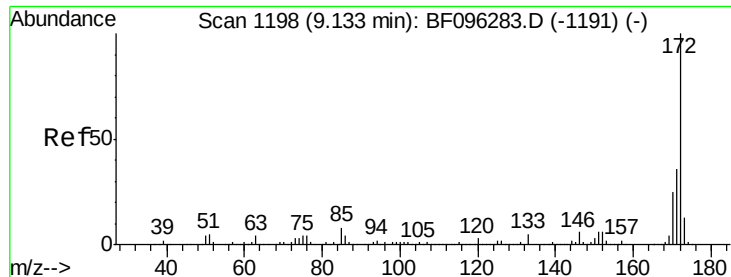
#41
2,4,6-Tribromophenol
Concen: 3.620 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Tgt Ion:330 Resp: 6358
Ion Ratio Lower Upper
330 100
332 102.4 76.6 115.0
141 40.1 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

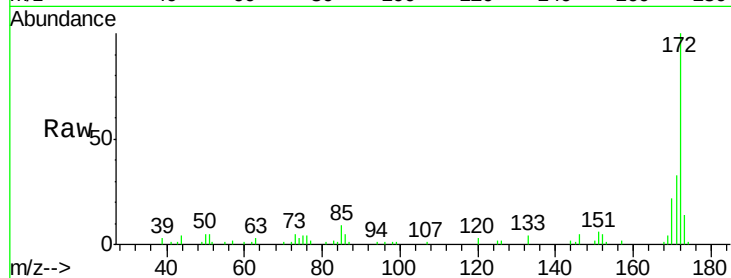




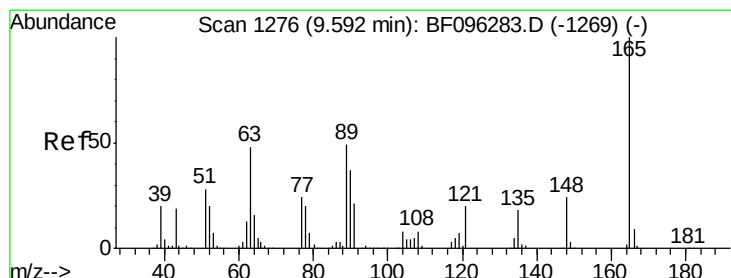
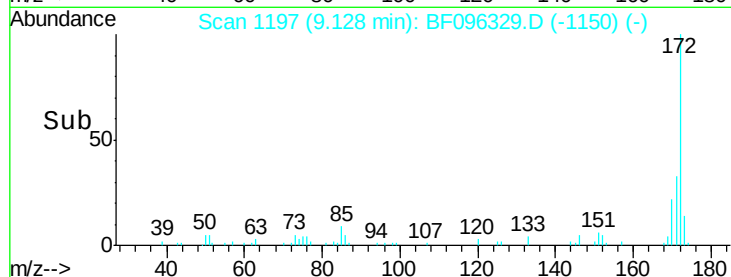
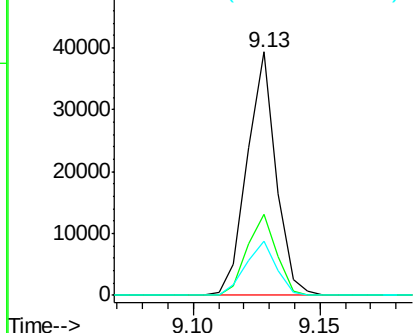
#44
 2-Fluorobiphenyl
 Concen: 2.557 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096329.D
 Acq: 30 Jun 2017 11:27

Instrument :
 BNA_F
 ClientSampled :
 TL-DR-01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	29.6	44.4
170	22.4	19.8	29.8

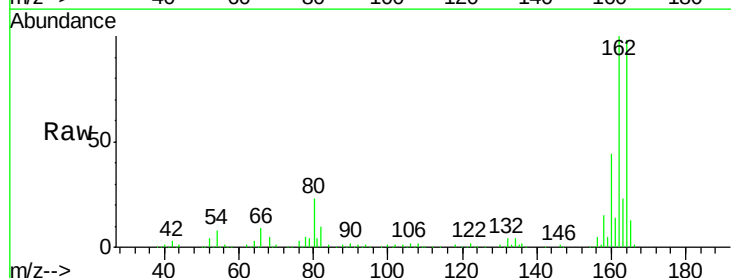


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

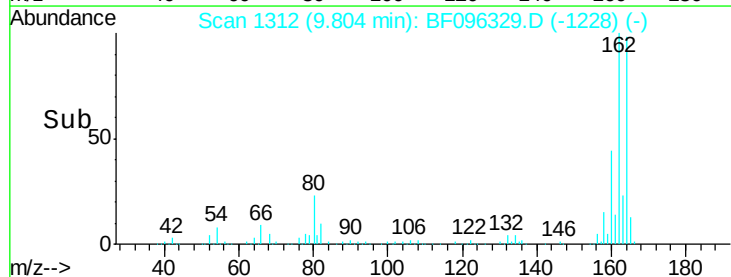
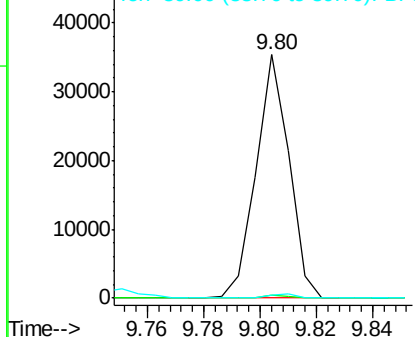


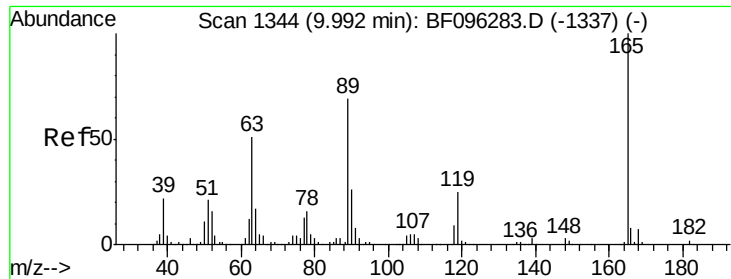
#50
 2,6-Dinitrotoluene
 Concen: 8.650 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF096329.D
 Acq: 30 Jun 2017 11:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.2	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

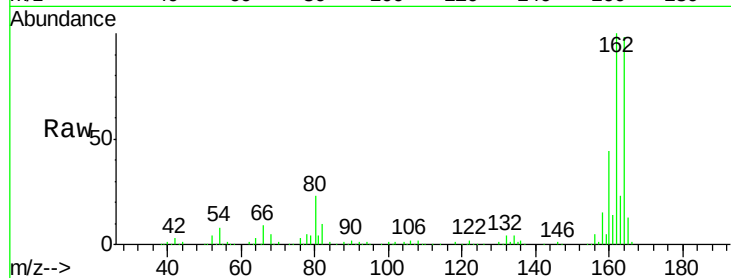




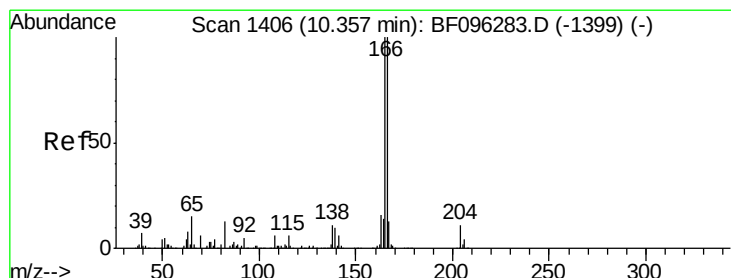
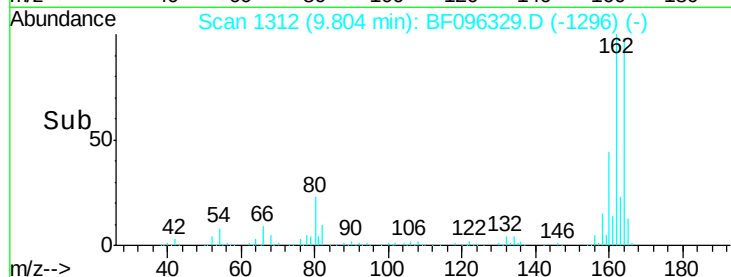
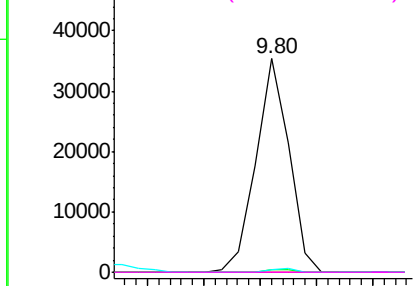
#56
2,4-Dinitrotoluene
Concen: 6.863 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.21 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Tgt Ion:	165	Resp:	28738
Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

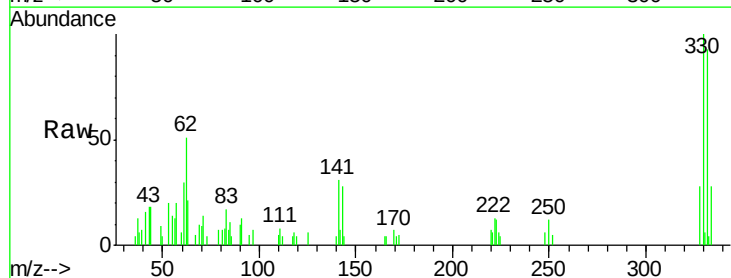


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

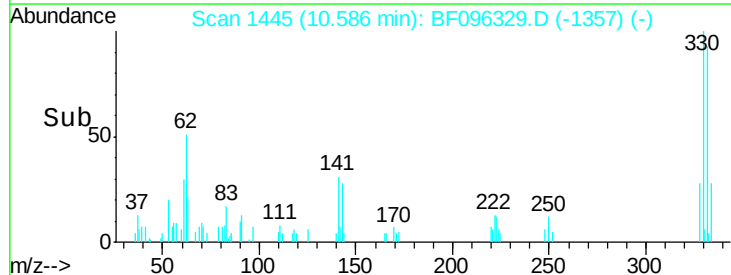
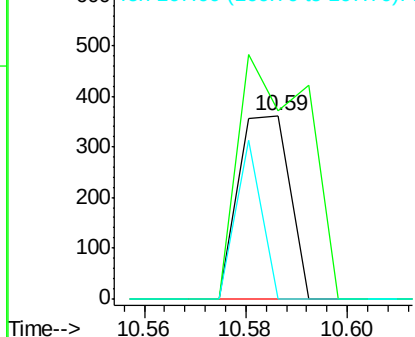


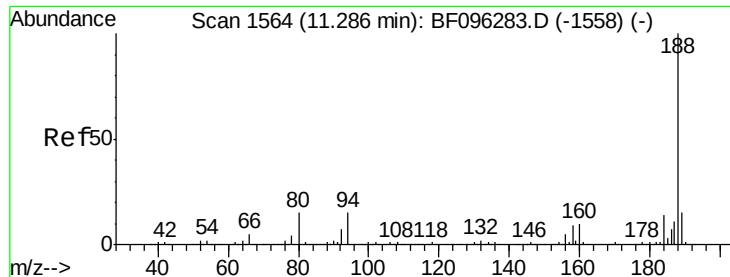
#57
Fluorene
Concen: Below Cal
RT: 10.59 min Scan# 1445
Delta R.T. 0.22 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Tgt Ion:	166	Resp:	253
Ion	Ratio	Lower	Upper
166	100		
165	102.5	78.8	118.2
167	0.0	10.6	16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

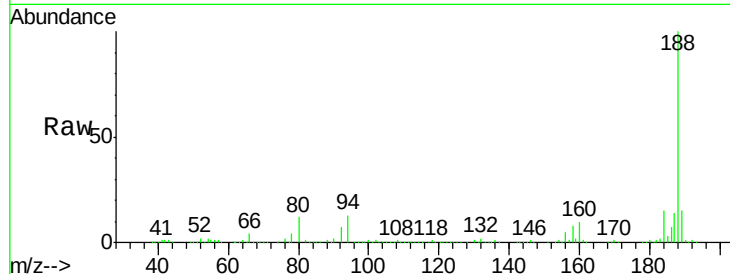




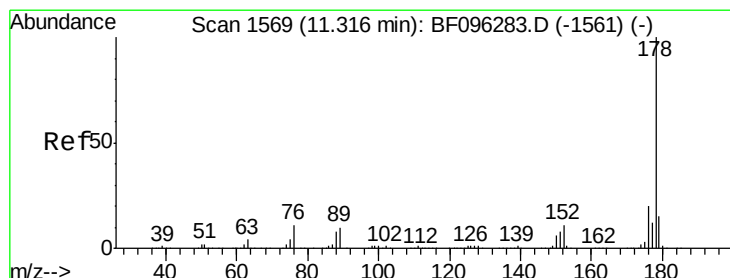
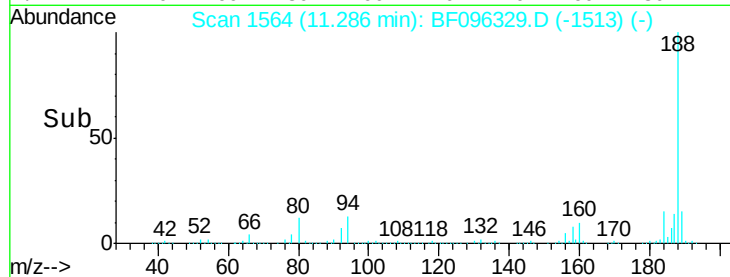
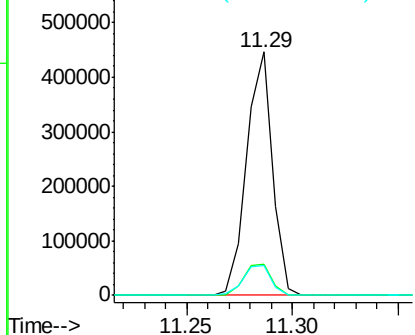
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Tgt Ion:188 Resp: 378713
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 12.5 10.2 15.2

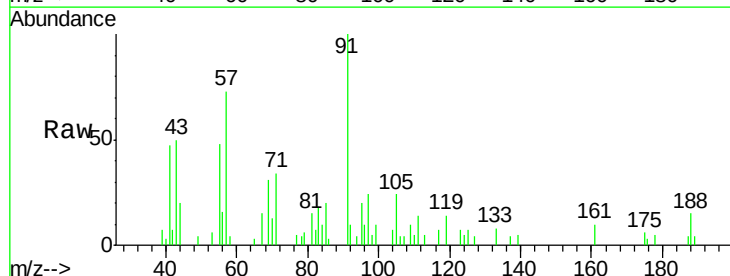


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

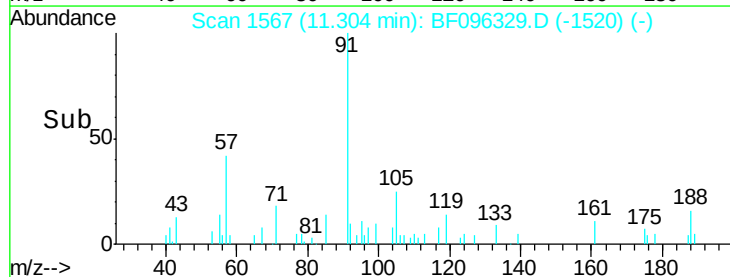
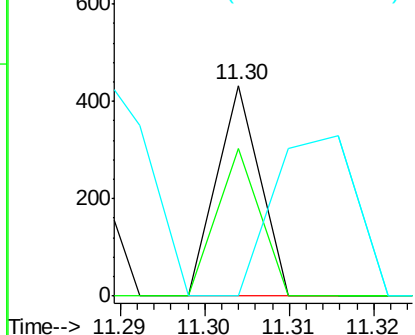


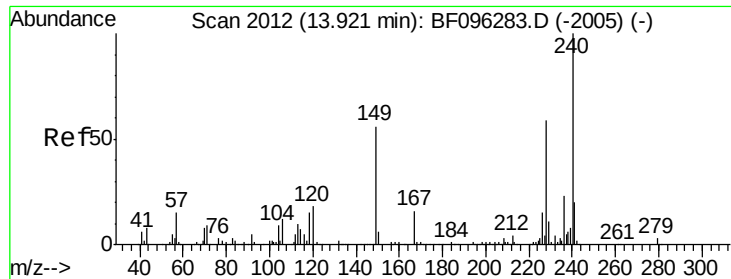
#70
Phenanthrene
Concen: Below Cal
RT: 11.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Tgt Ion:178 Resp: 153
Ion Ratio Lower Upper
178 100
176 69.7 16.2 24.4#
179 0.0 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

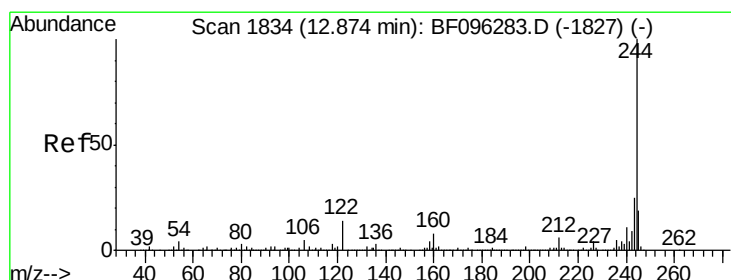
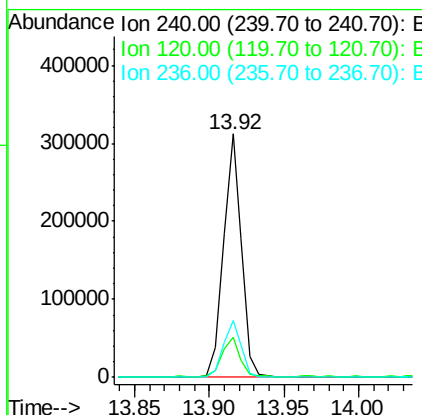
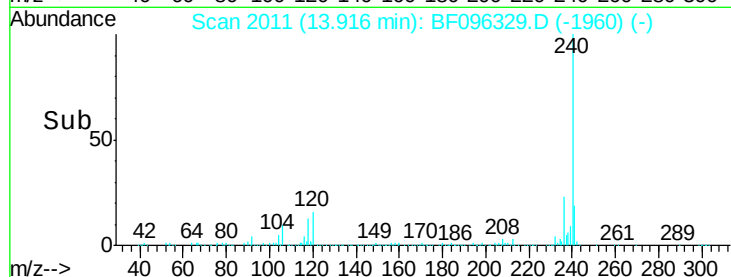
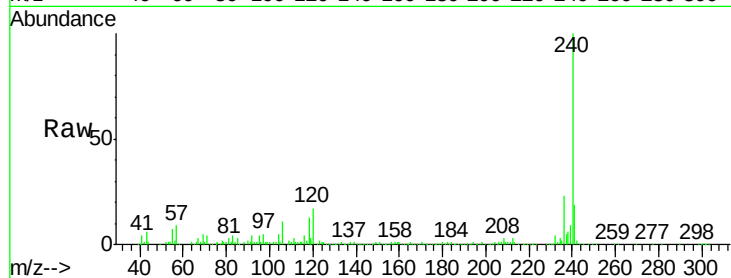




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

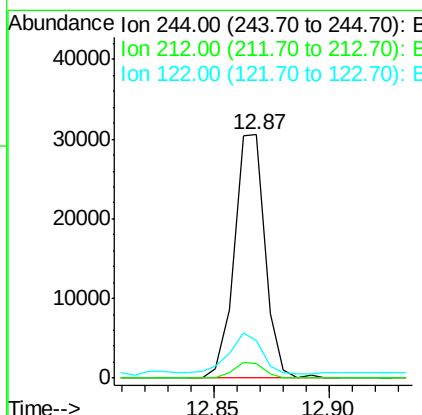
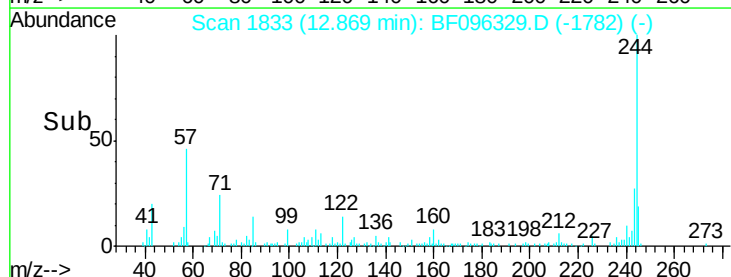
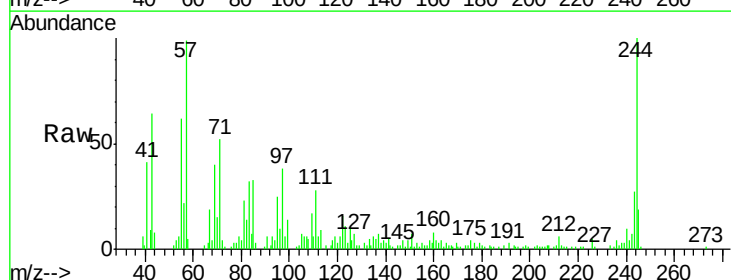
Instrument :
BNA_F
ClientSampleId :
TL-DR-01

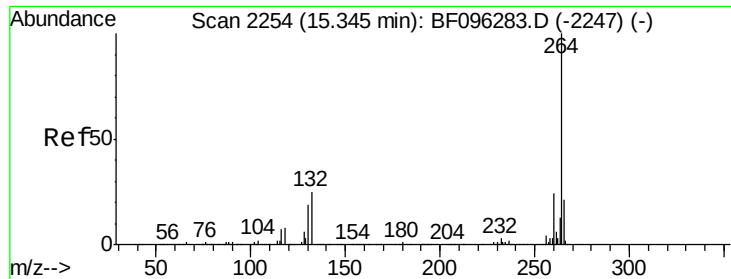
Tgt Ion:240 Resp: 265598
Ion Ratio Lower Upper
240 100
120 16.6 5.8 8.8#
236 23.1 20.5 30.7



#78
Terphenyl-d14
Concen: 2.663 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Tgt Ion:244 Resp: 28340
Ion Ratio Lower Upper
244 100
212 5.7 6.0 9.0#
122 15.6 10.3 15.5#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096329.D
Acq: 30 Jun 2017 11:27

Instrument :
BNA_F
ClientSampleId :
TL-DR-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.3	17.2	25.8

