

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063017\
 Data File : BF096338.D
 Acq On : 30 Jun 2017 15:39
 Operator : SJ/MA
 Sample : I3883-14 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G40-1.5-3

Quant Time: Jun 30 17:43:48 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

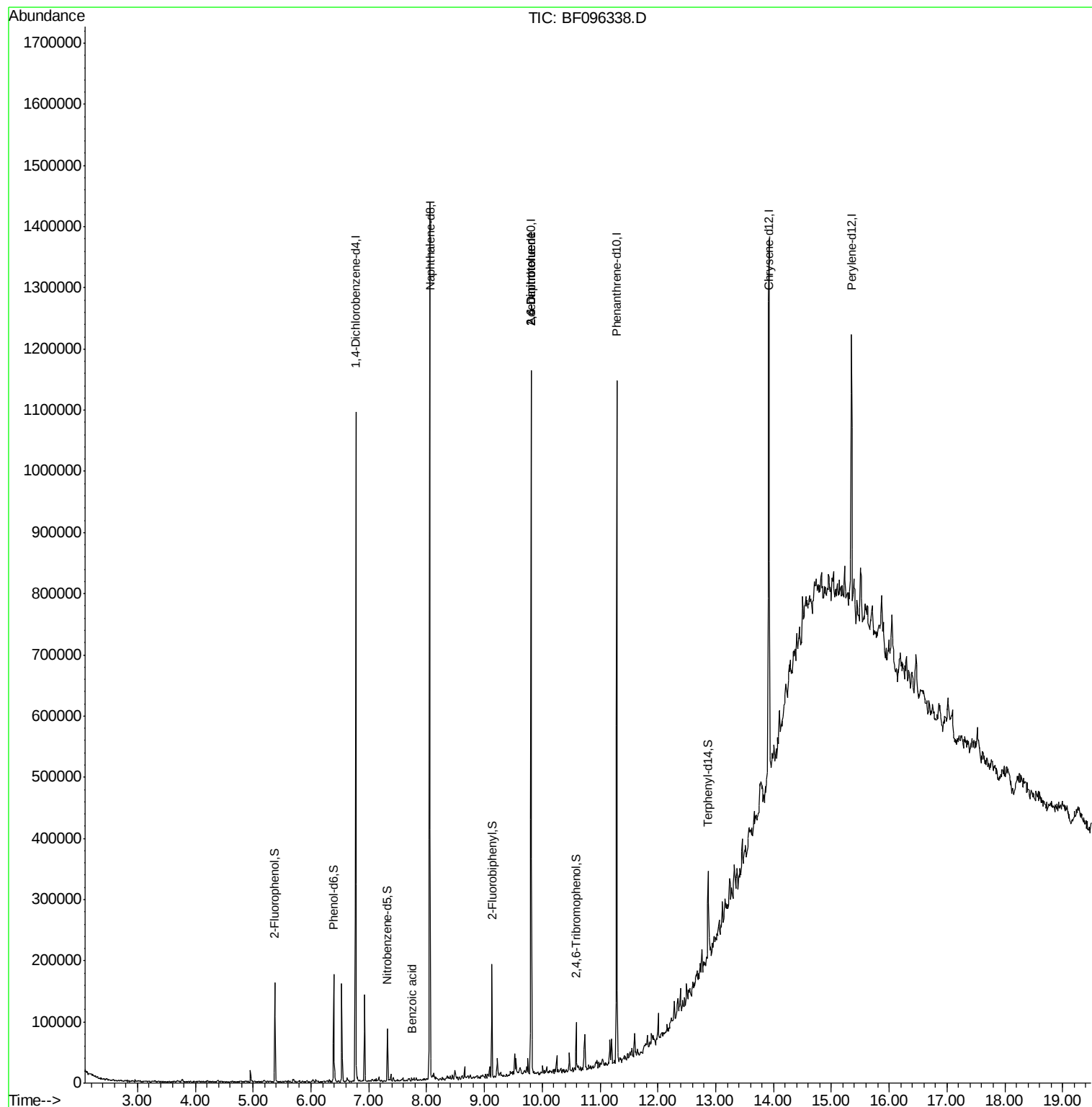
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	156129	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	634632	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	236480	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	354071	20.00	ng	0.00
75) Chrysene-d12	13.92	240	304960	20.00	ng	0.00
86) Perylene-d12	15.35	264	202464	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	40621	3.75	ng	0.00
7) Phenol-d6	6.39	99	50101	3.82	ng	0.00
23) Nitrobenzene-d5	7.32	82	23518	2.57	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	7097	3.81	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	48304	3.74	ng	-0.02
78) Terphenyl-d14	12.87	244	35753	2.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	759	Below Cal		Qvalue # 82
32) Benzoic acid	7.75	122	559	8.855 ng		85
50) 2,6-Dinitrotoluene	9.80	165	29654	8.424 ng	#	33
56) 2,4-Dinitrotoluene	9.80	165	29654	6.683 ng	#	32
57) Fluorene	10.35	166	449	Below Cal	#	42
70) Phenanthrene	11.31	178	3382	Below Cal	#	88

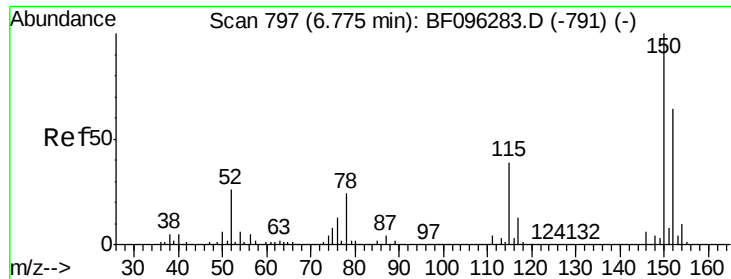
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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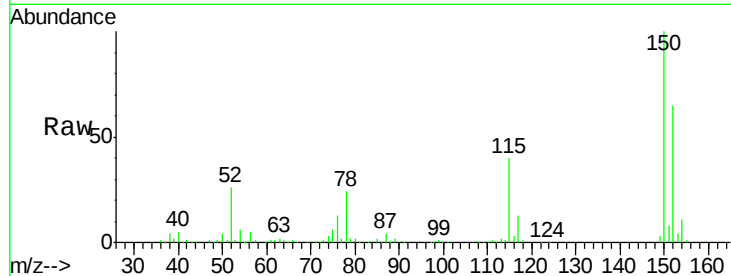




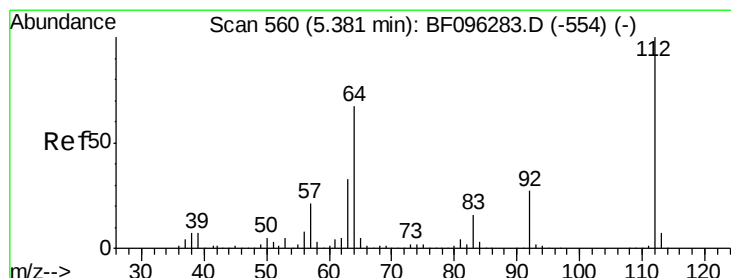
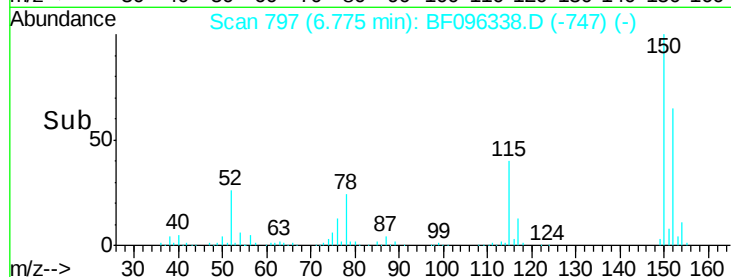
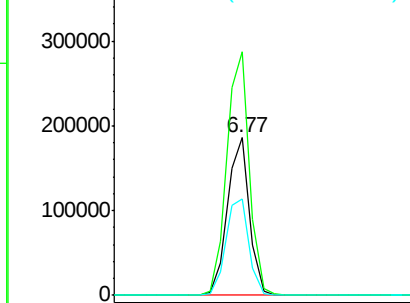
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF096338.D
 Acq: 30 Jun 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 G40-1.5-3

Tgt Ion:152 Resp: 156129
 Ion Ratio Lower Upper
 152 100
 150 154.7 126.2 189.2
 115 61.7 52.2 78.2

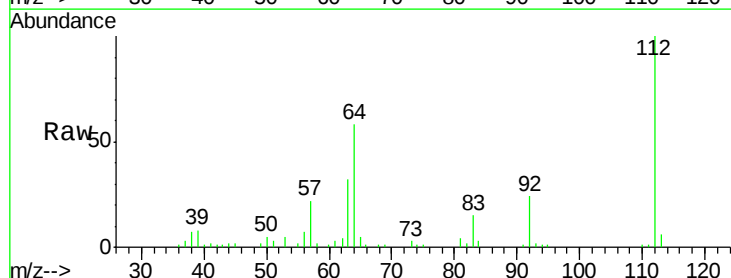


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

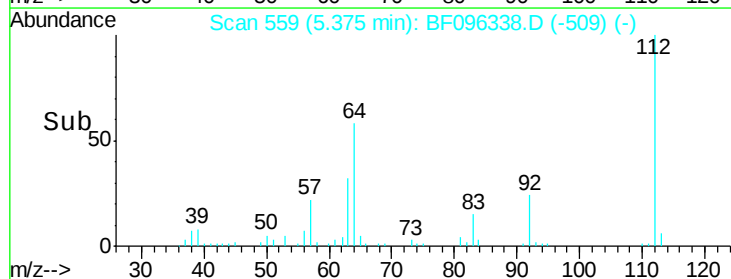
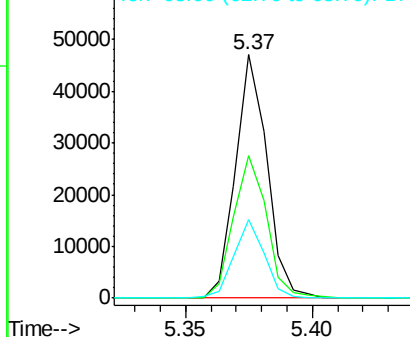


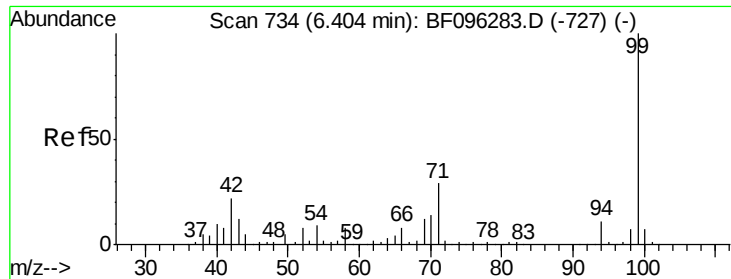
#5
 2-Fluorophenol
 Concen: 3.748 ng
 RT: 5.37 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF096338.D
 Acq: 30 Jun 2017 15:39

Tgt Ion:112 Resp: 40621
 Ion Ratio Lower Upper
 112 100
 64 58.4 46.0 69.0
 63 32.1 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: 3.818 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096338.D

Acq: 30 Jun 2017 15:39

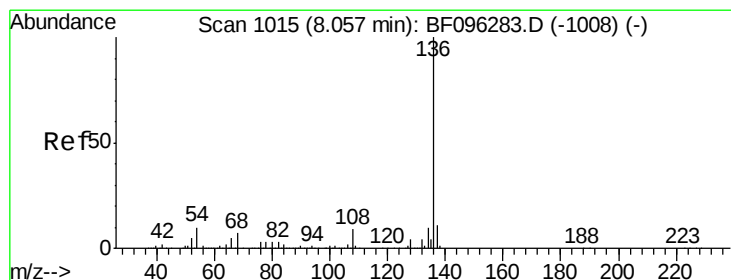
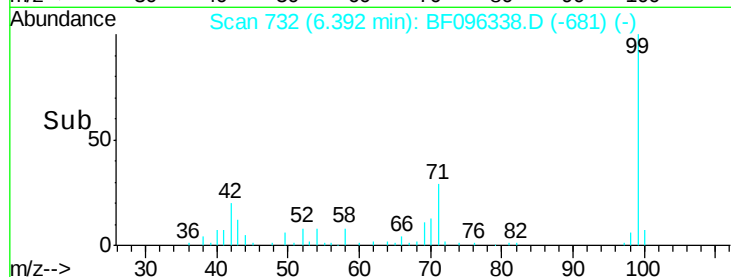
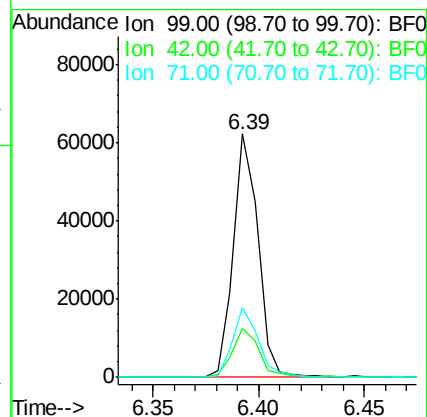
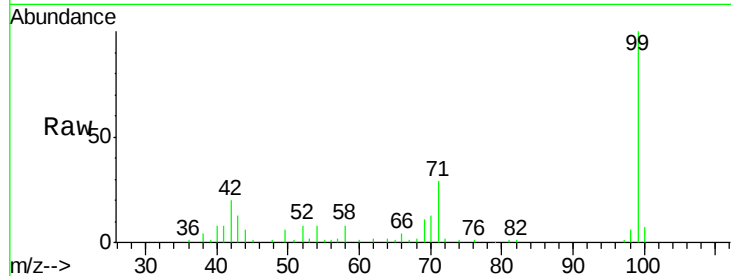
Instrument :

BNA_F

ClientSampleId :

G40-1.5-3

Tgt Ion:	99	Resp:	50101
Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.5	20.3
71	28.6	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

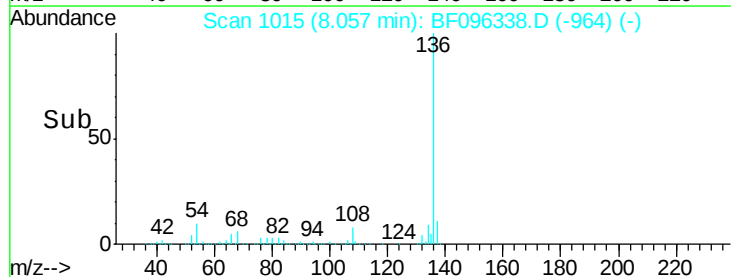
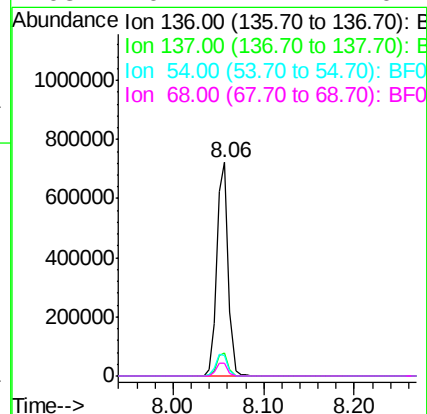
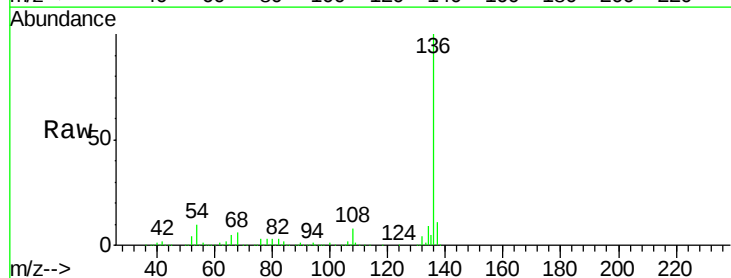
RT: 8.06 min Scan# 1015

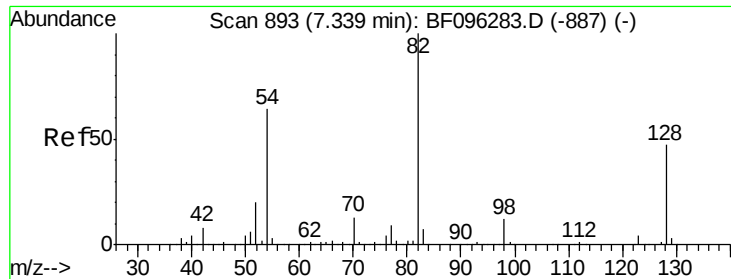
Delta R.T. -0.00 min

Lab File: BF096338.D

Acq: 30 Jun 2017 15:39

Tgt Ion:	136	Resp:	634632
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	9.9	4.9	7.3#
68	6.2	4.1	6.1#

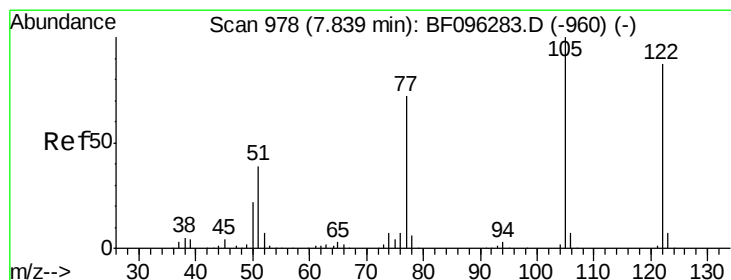
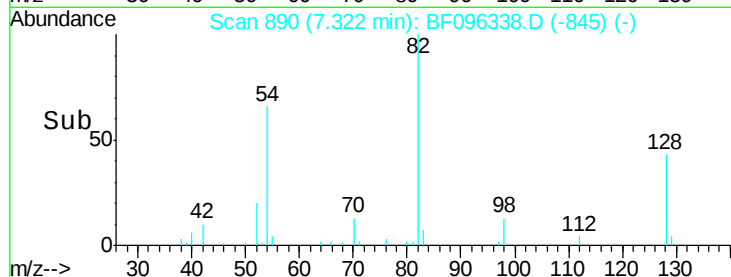
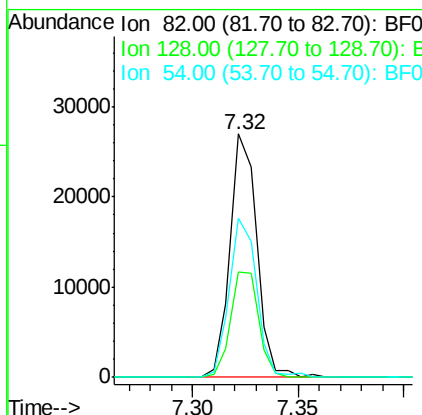
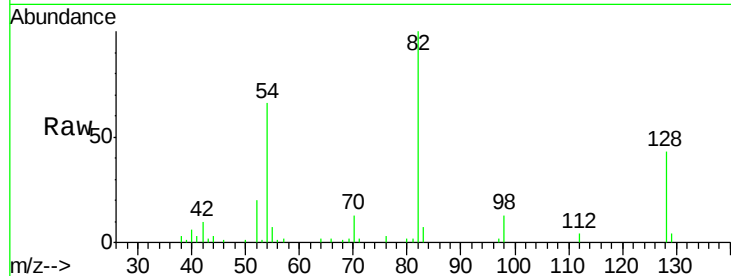




#23
 Nitrobenzene-d5
 Concen: 2.565 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.04 min
 Lab File: BF096338.D
 Acq: 30 Jun 2017 15:39

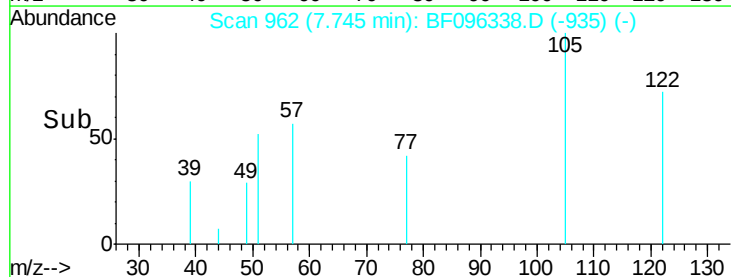
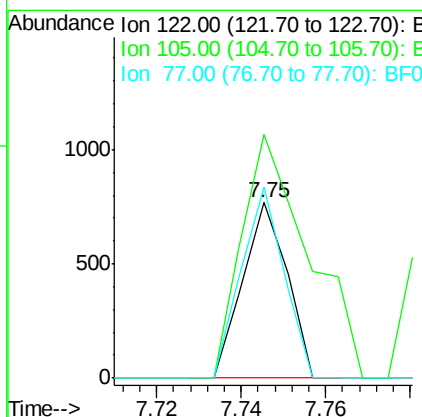
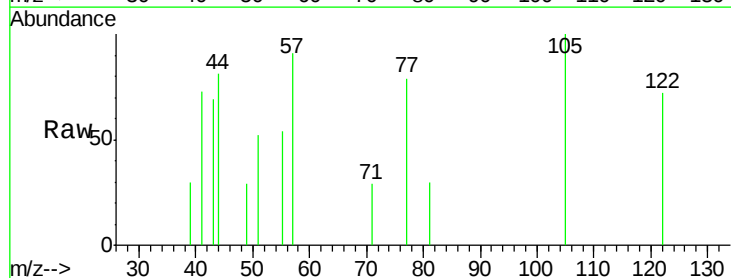
Instrument :
 BNA_F
 ClientSampleId :
 G40-1.5-3

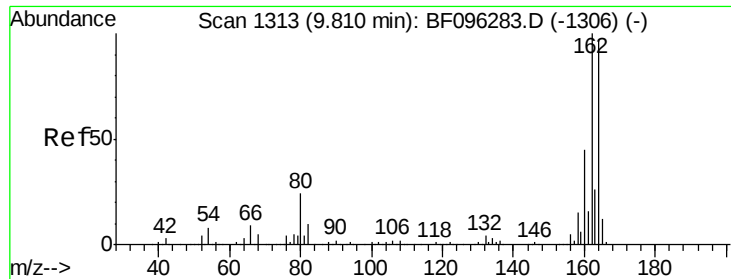
Tgt Ion: 82 Resp: 23518
 Ion Ratio Lower Upper
 82 100
 128 43.1 34.0 51.0
 54 65.5 42.2 63.2#



#32
 Benzoic acid
 Concen: 8.855 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.14 min
 Lab File: BF096338.D
 Acq: 30 Jun 2017 15:39

Tgt Ion: 122 Resp: 559
 Ion Ratio Lower Upper
 122 100
 105 139.0 103.3 143.3
 77 109.4 73.7 113.7

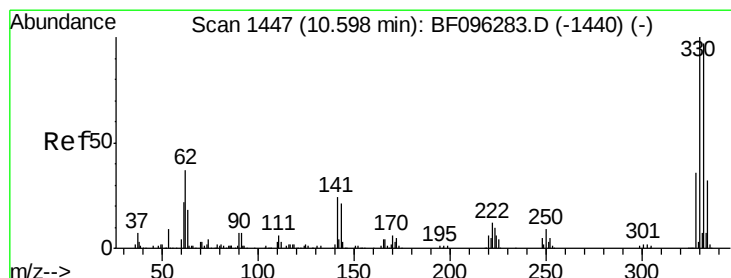
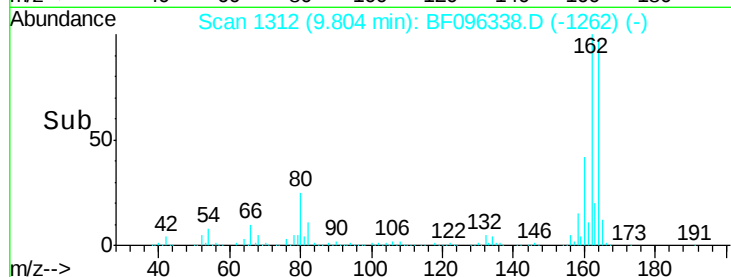
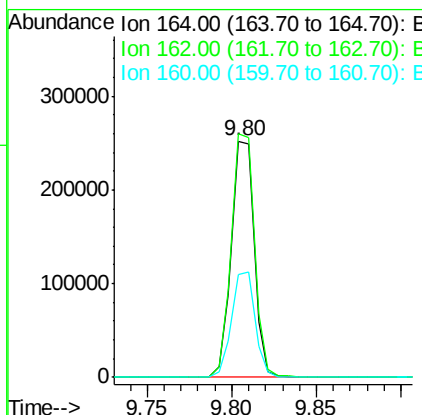
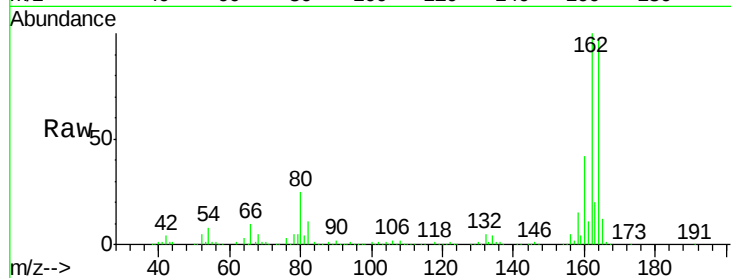




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF096338.D
 Acq: 30 Jun 2017 15:39

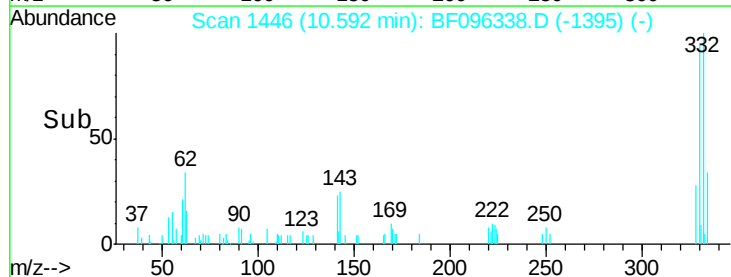
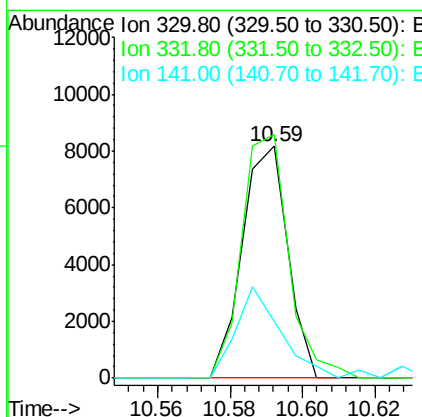
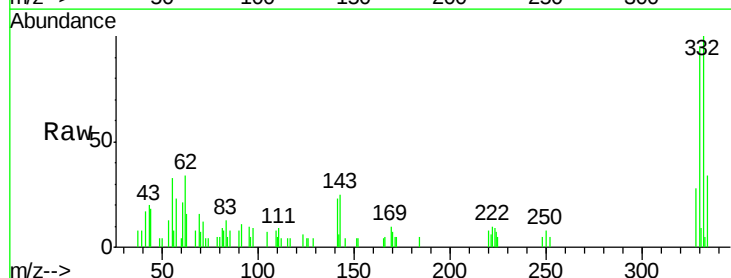
Instrument :
 BNA_F
 ClientSampleId :
 G40-1.5-3

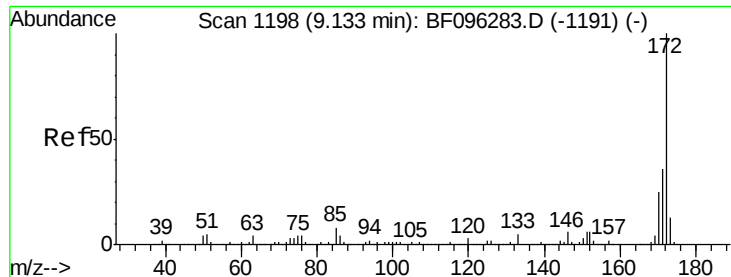
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	43.8	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 3.813 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096338.D
 Acq: 30 Jun 2017 15:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	108.6	76.6	115.0
141	38.5	31.4	47.2

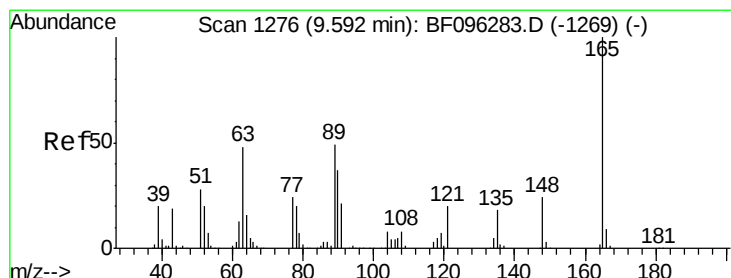
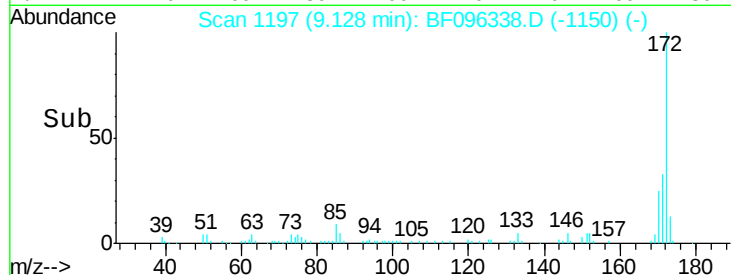
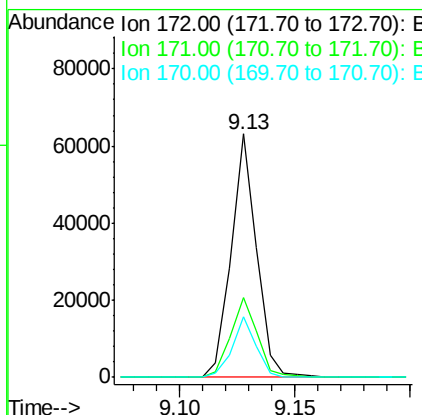
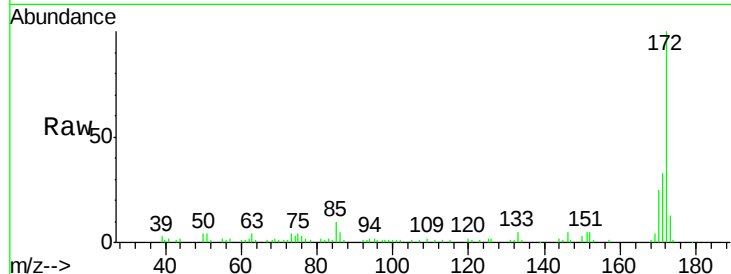




#44
 2-Fluorobiphenyl
 Concen: 3.741 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096338.D
 Acq: 30 Jun 2017 15:39

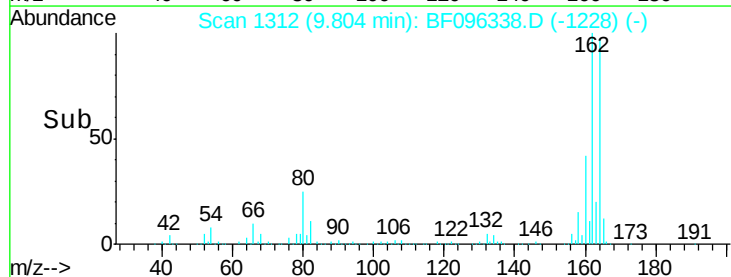
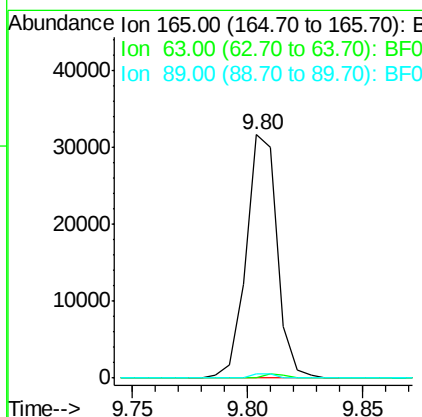
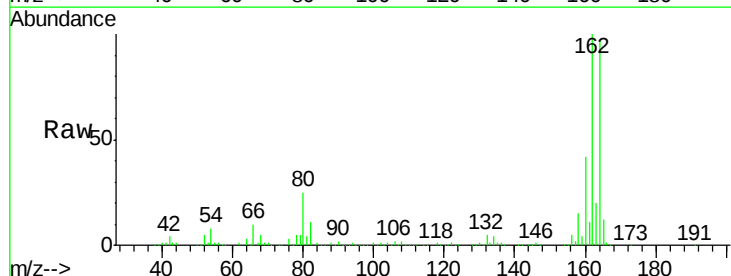
Instrument :
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 G40-1.5-3

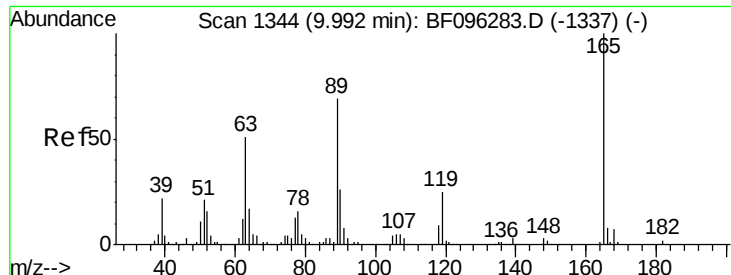
Tgt Ion:172 Resp: 48304
 Ion Ratio Lower Upper
 172 100
 171 32.6 29.6 44.4
 170 24.7 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 8.424 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF096338.D
 Acq: 30 Jun 2017 15:39

Tgt Ion:165 Resp: 29654
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 1.5 37.1 55.7#

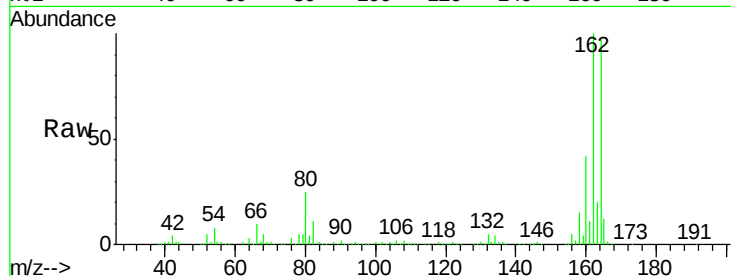




#56
2,4-Dinitrotoluene
Concen: 6.683 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.21 min
Lab File: BF096338.D
Acq: 30 Jun 2017 15:39

Instrument :
BNA_F
ClientSampleId :
G40-1.5-3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

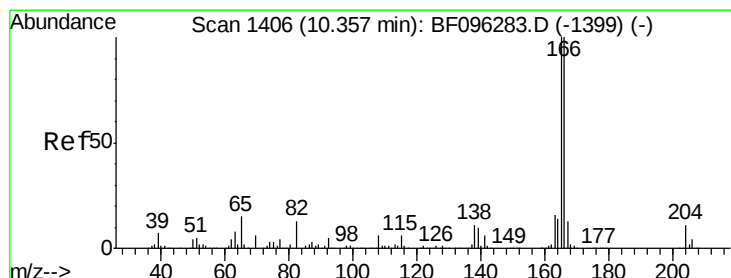
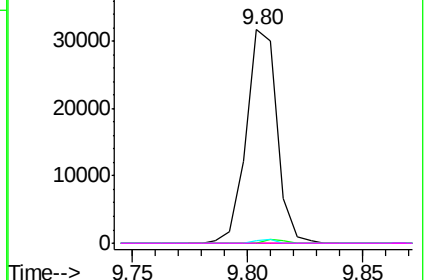
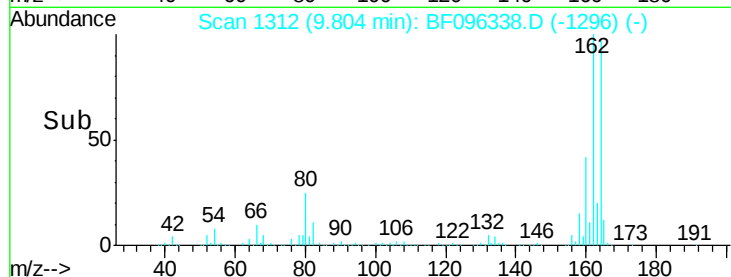


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

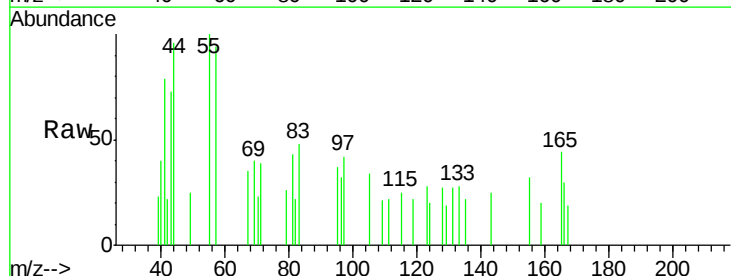
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BF096338.D
Acq: 30 Jun 2017 15:39

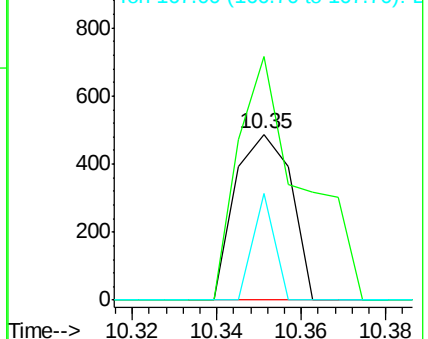
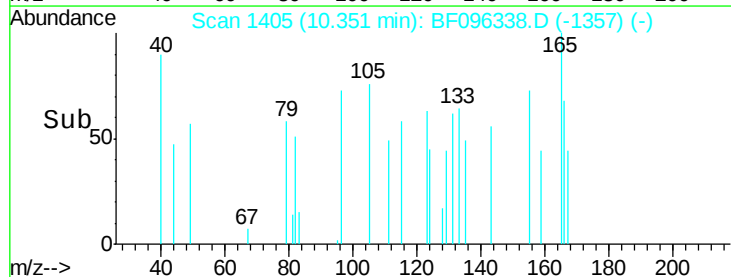
Tgt Ion	Ratio	Lower	Upper
166	100		
165	147.0	78.8	118.2#
167	64.5	10.6	16.0#

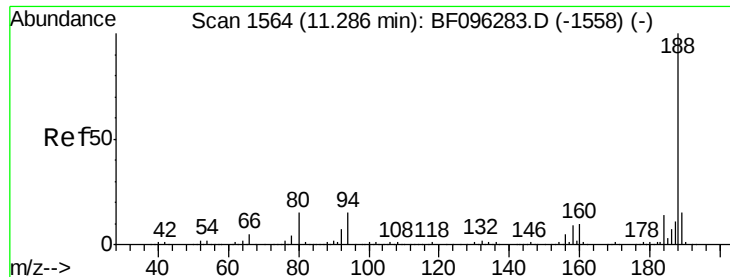


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

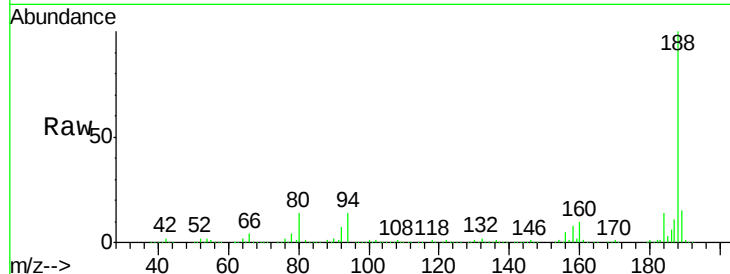




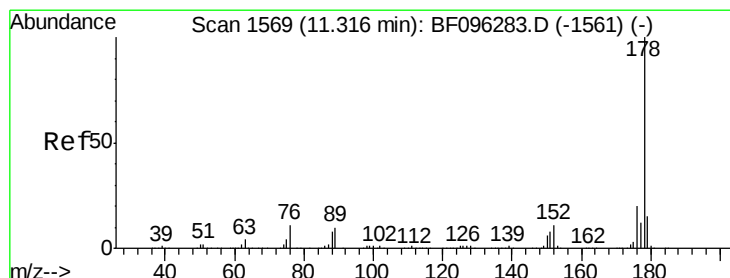
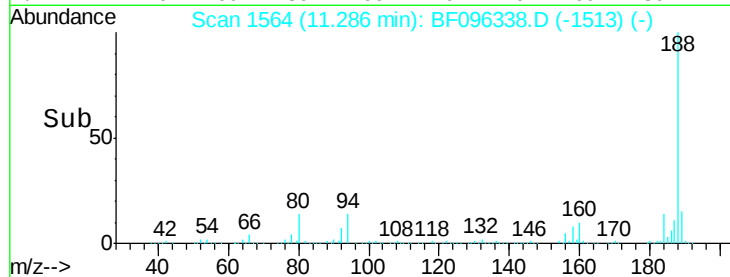
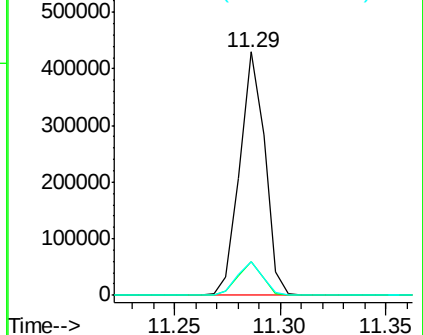
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096338.D
Acq: 30 Jun 2017 15:39

Instrument :
BNA_F
ClientSampleId :
G40-1.5-3

Tgt Ion:188 Resp: 354071
Ion Ratio Lower Upper
188 100
94 13.8 9.4 14.2
80 14.1 10.2 15.2

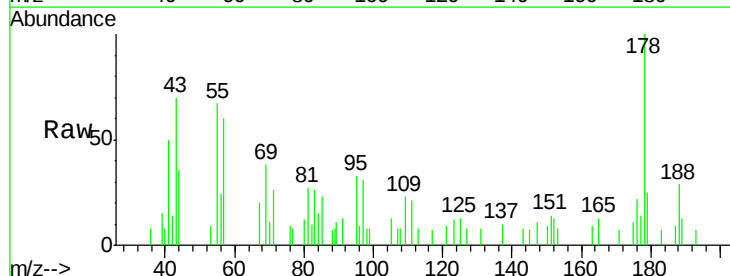


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

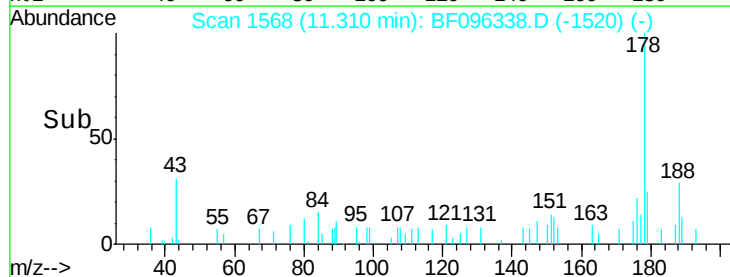
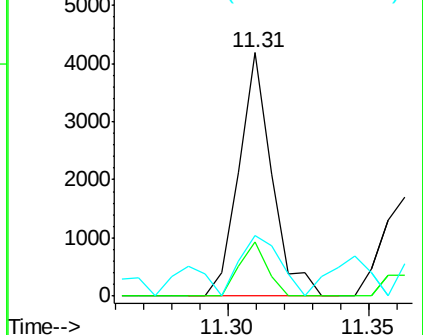


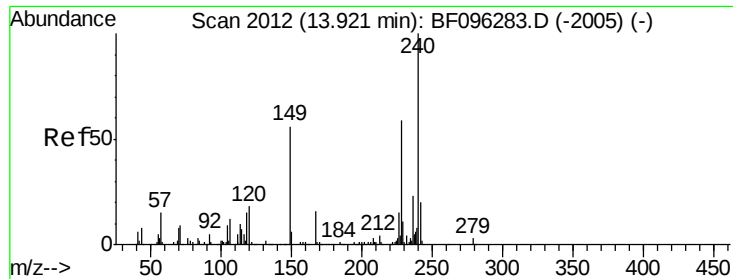
#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096338.D
Acq: 30 Jun 2017 15:39

Tgt Ion:178 Resp: 3382
Ion Ratio Lower Upper
178 100
176 22.2 16.2 24.4
179 24.8 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# 2012

Delta R.T. 0.01 min

Lab File: BF096338.D

Acq: 30 Jun 2017 15:39

Instrument :

BNA_F

ClientSampleId :

G40-1.5-3

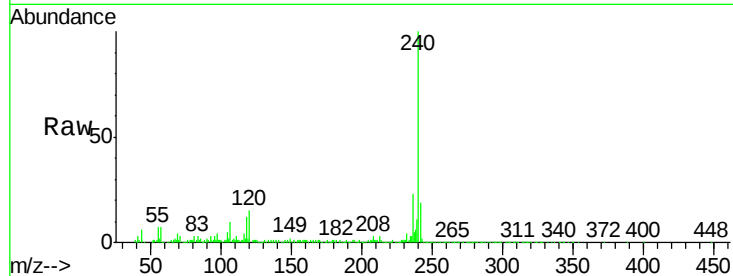
Tgt Ion:240 Resp: 304960

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

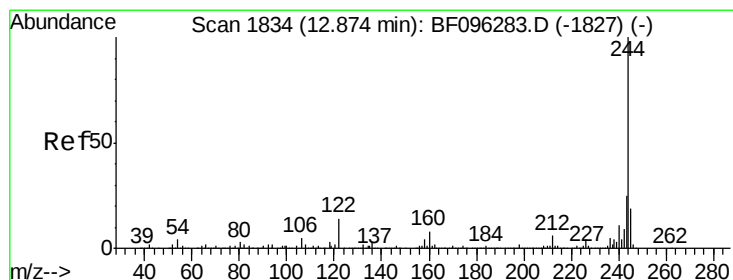
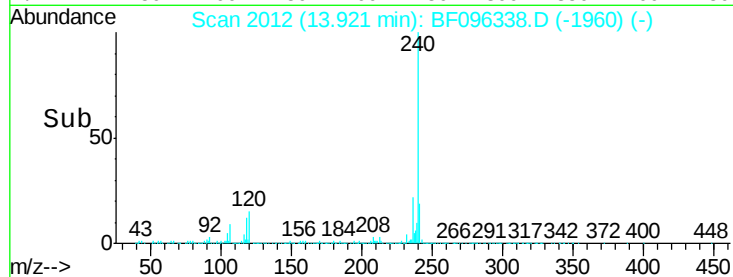
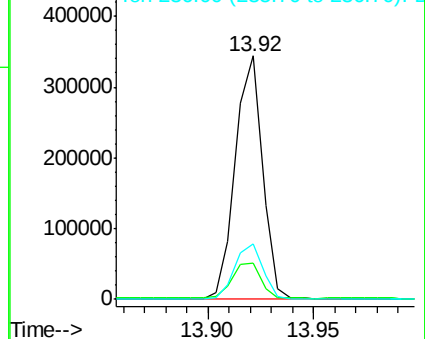
236 22.7 20.5 30.7



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: 2.925 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096338.D

Acq: 30 Jun 2017 15:39

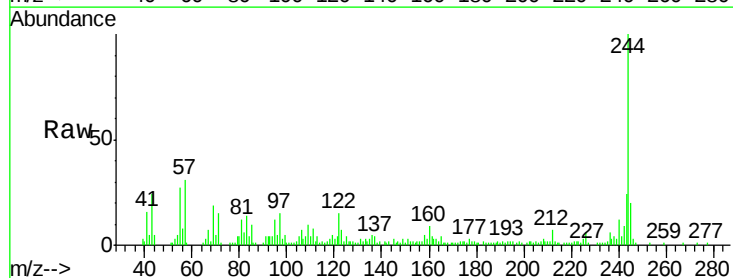
Tgt Ion:244 Resp: 35753

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

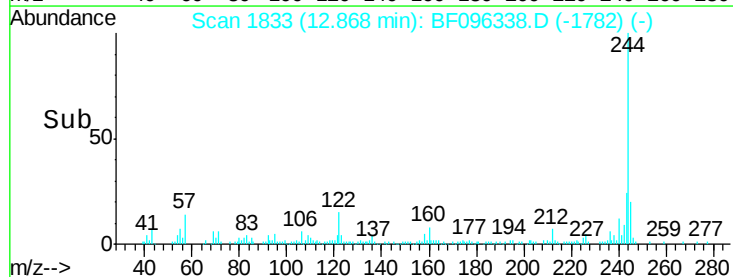
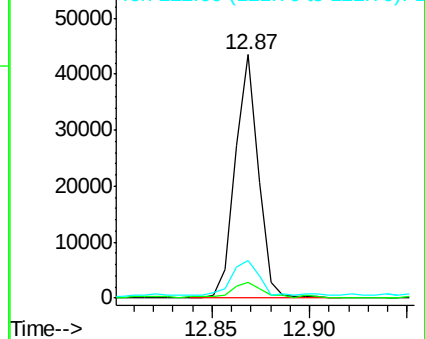
122 15.5 10.3 15.5

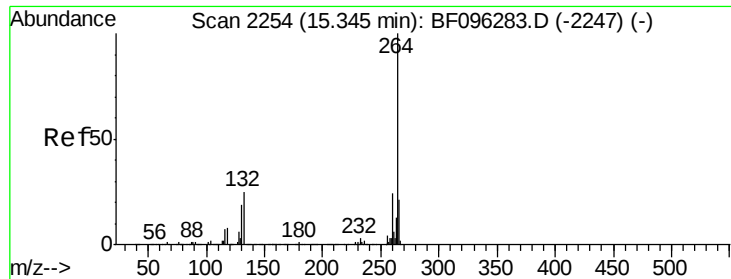


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

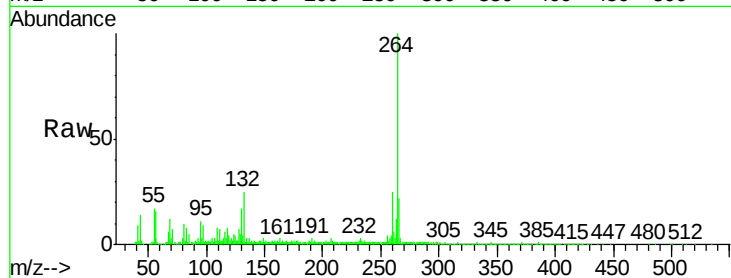




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096338.D
Acq: 30 Jun 2017 15:39

Instrument :
BNA_F
ClientSampleId :
G40-1.5-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.9	17.2	25.8



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

