

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096292.D
 Acq On : 29 Jun 2017 15:25
 Operator : SJ/MA
 Sample : I3847-03 100X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 29 17:34:23 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

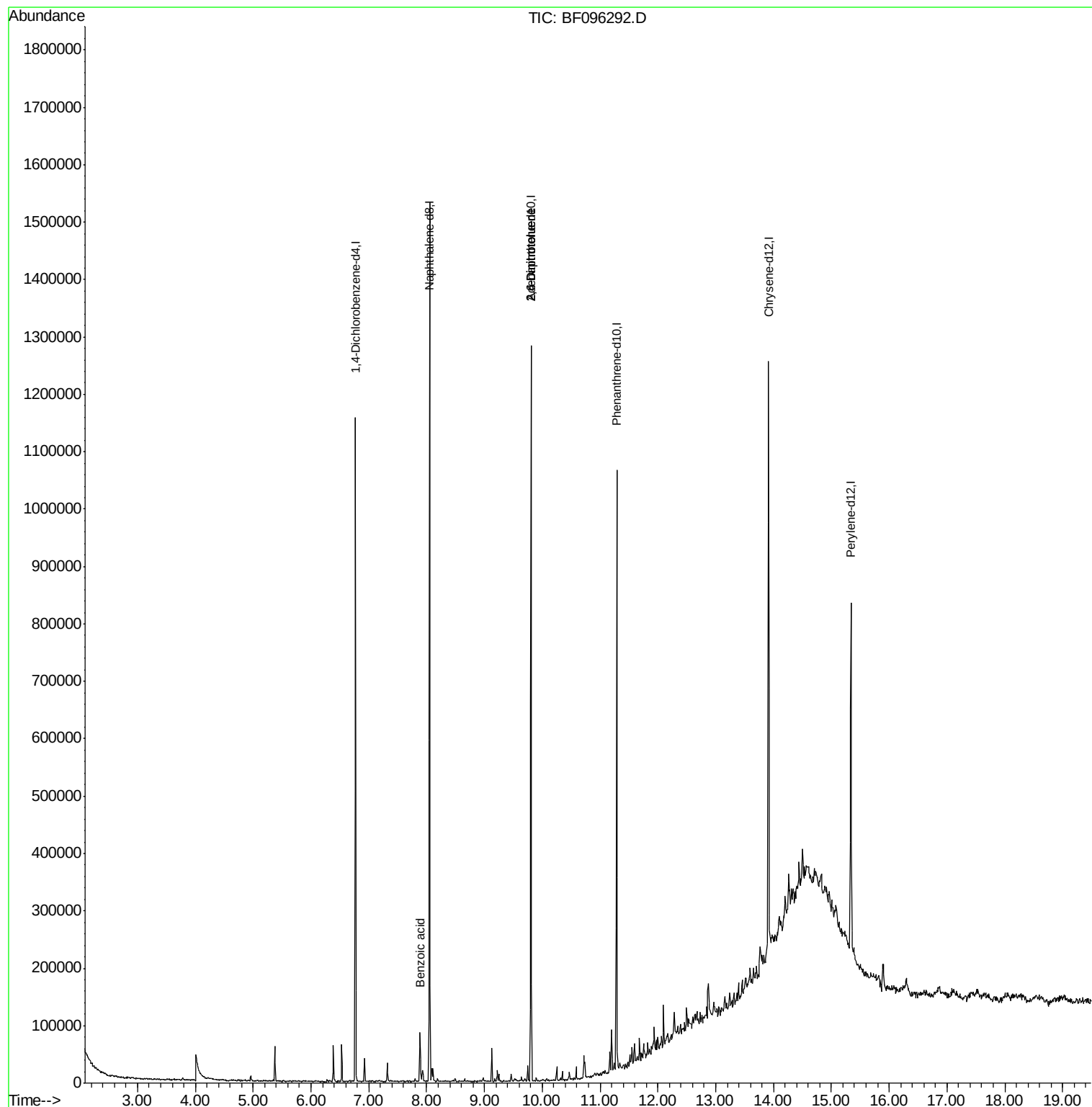
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	161581	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	627864	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	232673	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	350046	20.00	ng	0.00
75) Chrysene-d12	13.92	240	333575	20.00	ng	0.00
86) Perylene-d12	15.34	264	253666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	14904	1.33	ng	0.00
7) Phenol-d6	6.39	99	18705	1.38	ng	0.00
23) Nitrobenzene-d5	7.32	82	8077	0.89	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	2137	1.17	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	17049	1.34	ng	-0.02
78) Terphenyl-d14	12.86	244	12480	0.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	240	Below Cal	#	46
32) Benzoic acid	7.89	122	2423	9.09	ng	# 20
50) 2,6-Dinitrotoluene	9.80	165	29569	8.54	ng	# 34
56) 2,4-Dinitrotoluene	9.80	165	29569	6.77	ng	# 33
70) Phenanthrene	11.29	178	117	Below Cal	#	1

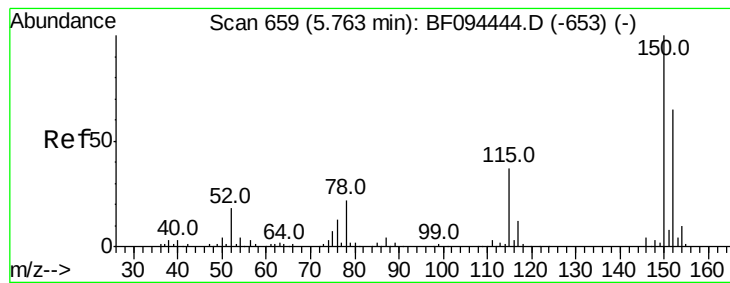
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF096292.D

Acq: 29 Jun 2017 15:25

Instrument :

BNA_F

ClientSampleId :

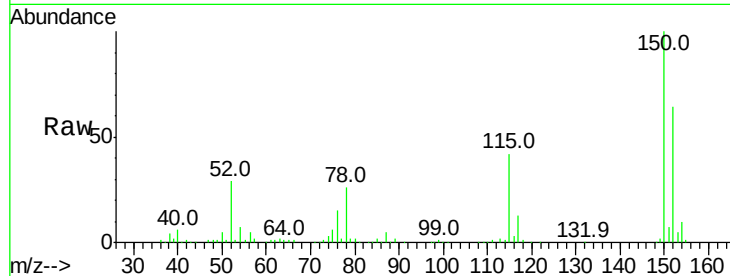
Tot Ion:152 Resp: 161581

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

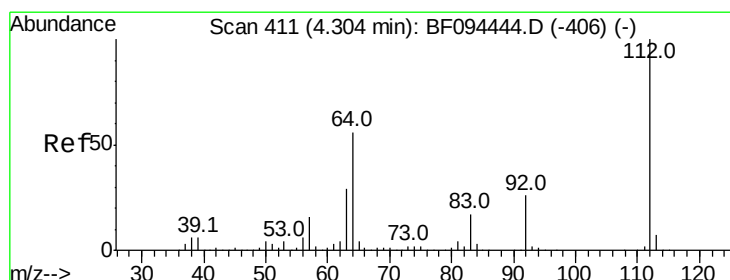
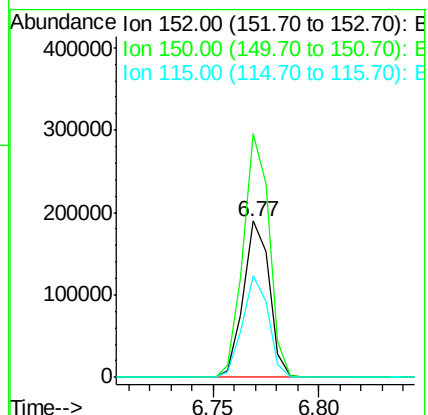
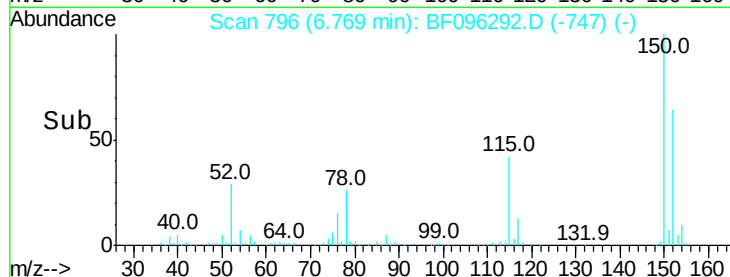
115 65.3 52.2 78.2



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: 1.33 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF096292.D

Acq: 29 Jun 2017 15:25

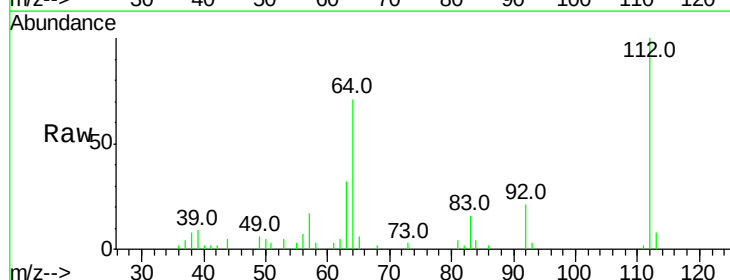
Tgt Ion:112 Resp: 14904

Ion Ratio Lower Upper

112 100

64 71.1 46.0 69.0#

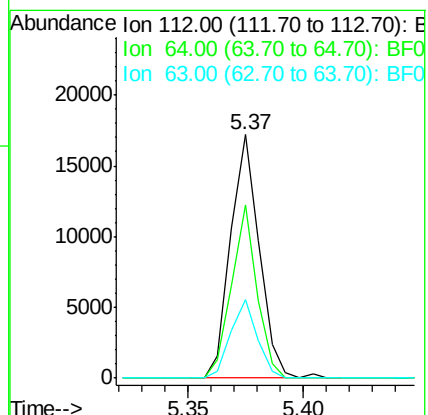
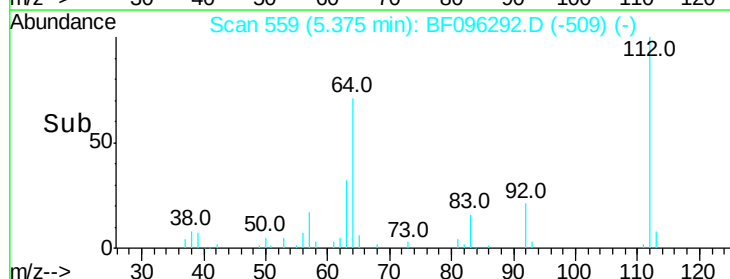
63 32.2 23.4 35.0

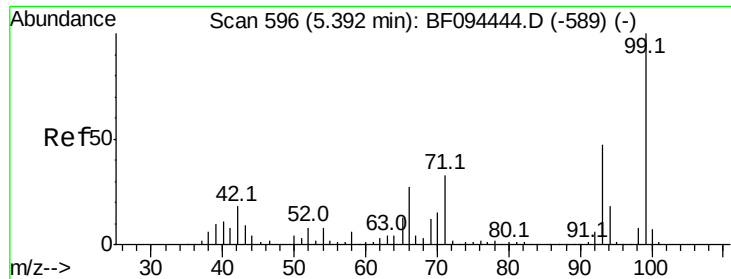


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 1.38 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096292.D

Acq: 29 Jun 2017 15:25

Instrument :

BNA_F

ClientSampleId :

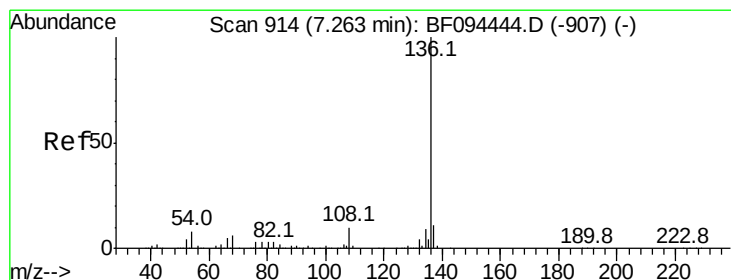
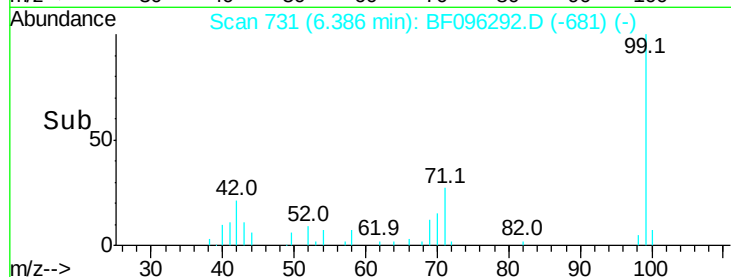
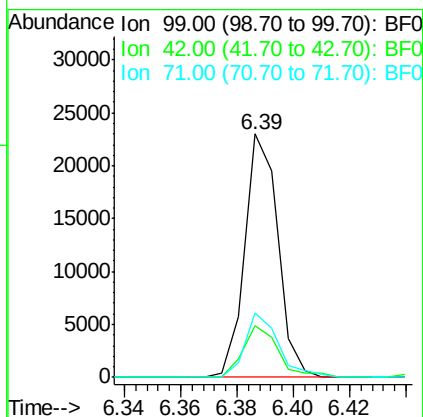
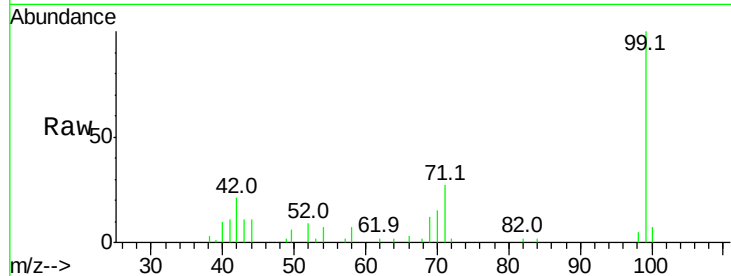
Tot Ion: 99 Resp: 18705

Ion Ratio Lower Upper

99 100

42 21.4 13.5 20.3#

71 26.6 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096292.D

Acq: 29 Jun 2017 15:25

Tgt Ion: 136 Resp: 627864

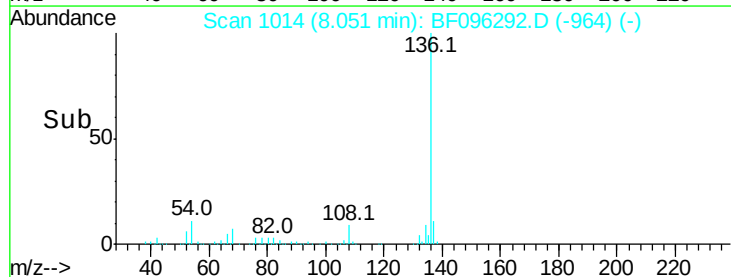
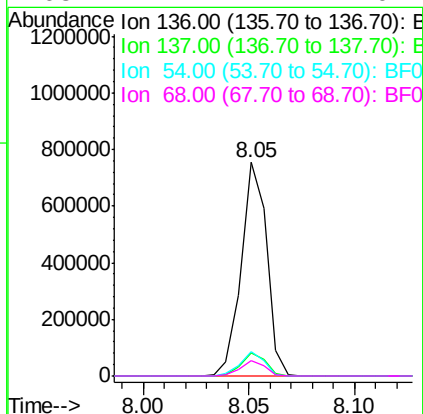
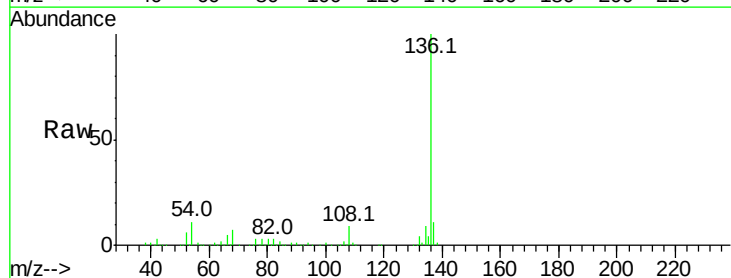
Ion Ratio Lower Upper

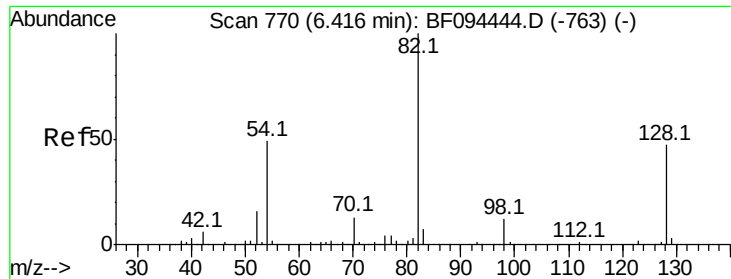
136 100

137 10.9 8.5 12.7

54 11.2 4.9 7.3#

68 7.4 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 0.89 ng

RT: 7.32 min Scan# 890

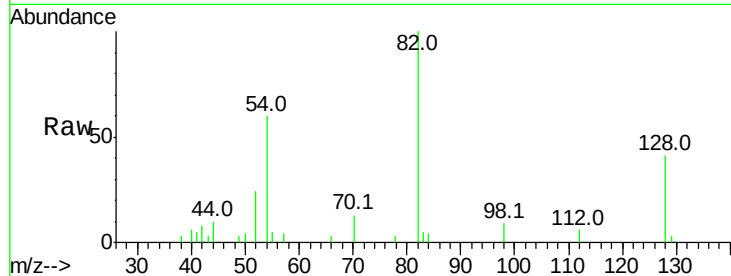
Delta R.T. -0.04 min

Lab File: BF096292.D

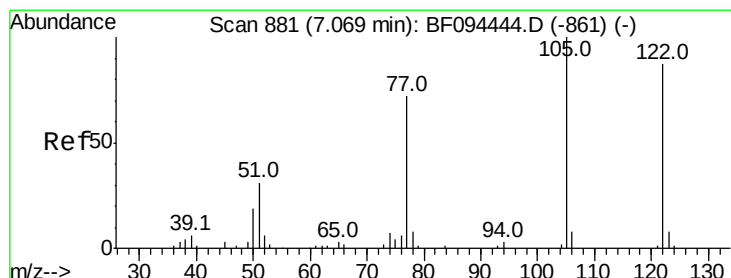
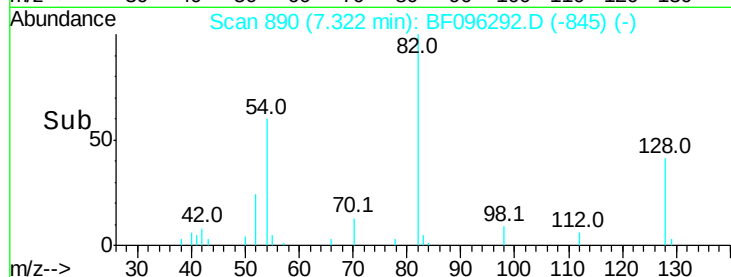
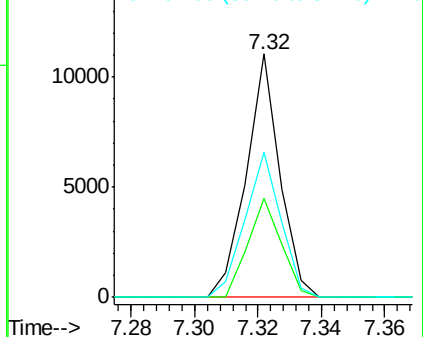
Acq: 29 Jun 2017 15:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	8077
Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.0	51.0
54	59.8	42.2	63.2



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



#32

Benzoic acid

Concen: 9.09 ng

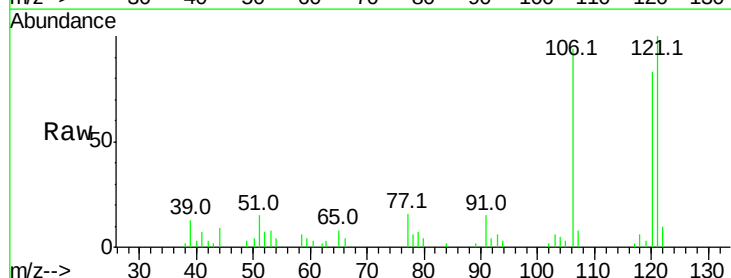
RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

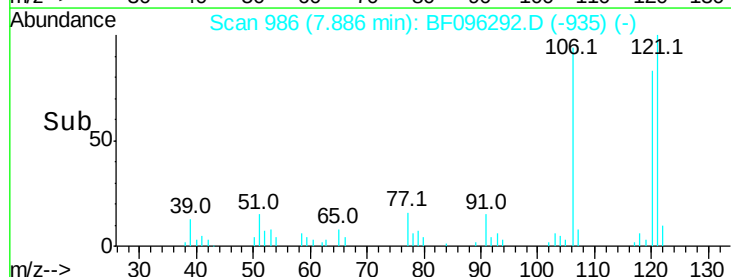
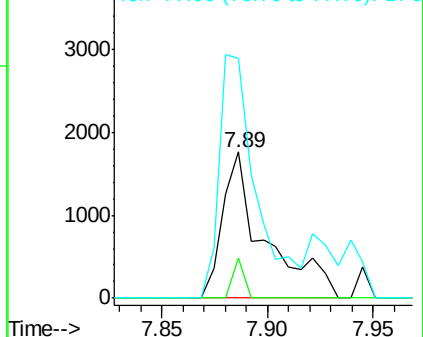
Lab File: BF096292.D

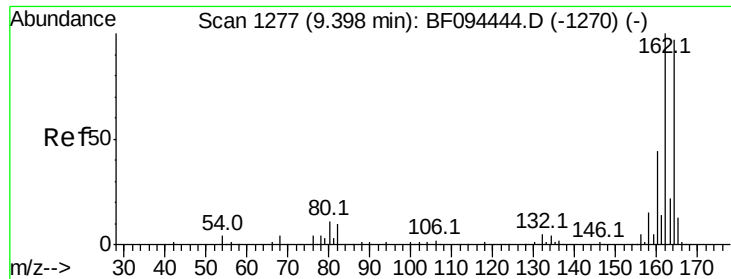
Acq: 29 Jun 2017 15:25

Tgt Ion:	122	Resp:	2423
Ion	Ratio	Lower	Upper
122	100		
105	27.6	103.3	143.3#
77	163.9	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

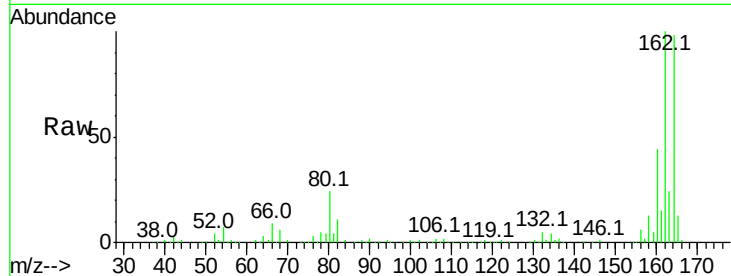




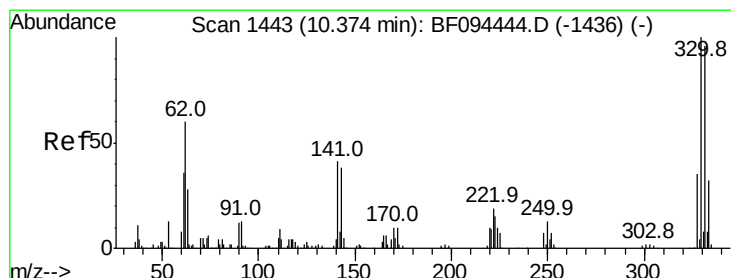
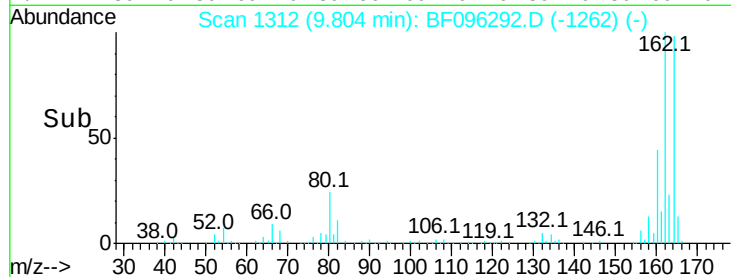
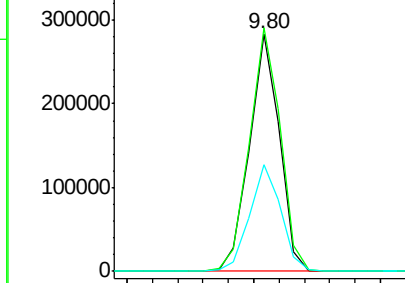
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF096292.D
 Acq: 29 Jun 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 232673
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 45.1 36.2 54.2

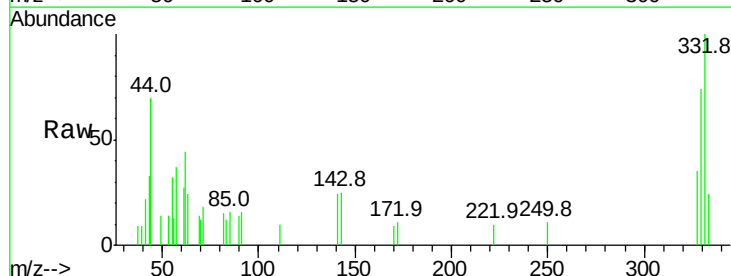


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

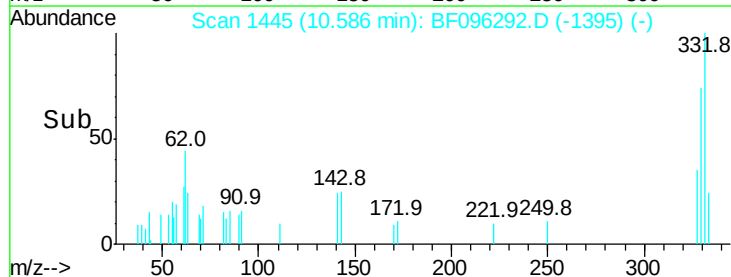
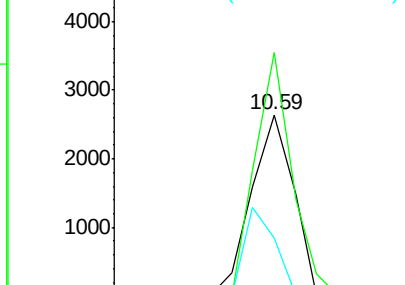


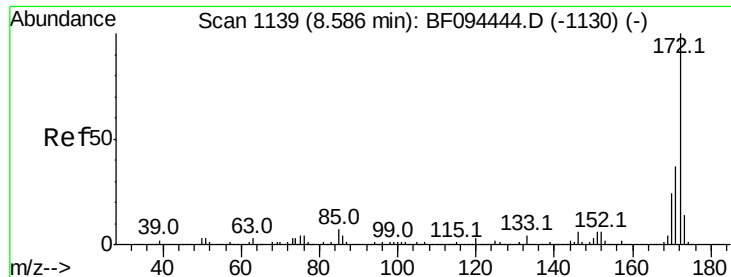
#41
 2,4,6-Tribromophenol
 Concen: 1.17 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096292.D
 Acq: 29 Jun 2017 15:25

Tgt Ion:330 Resp: 2137
 Ion Ratio Lower Upper
 330 100
 332 117.4 76.6 115.0#
 141 35.3 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

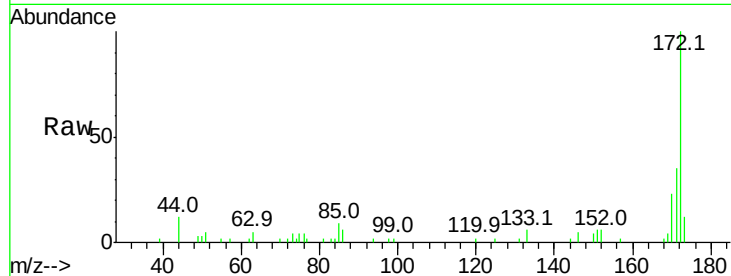




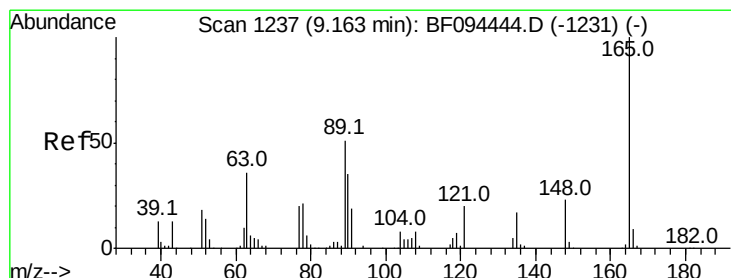
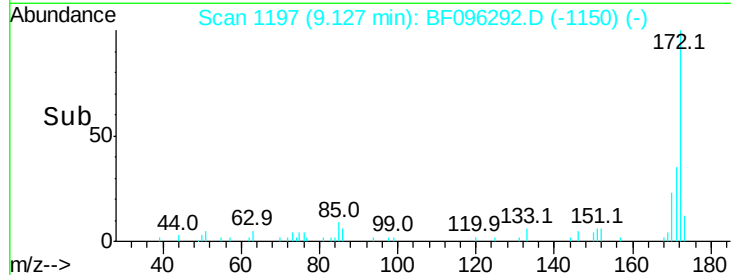
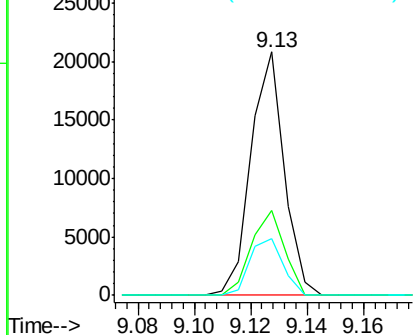
#44
 2-Fluorobiphenyl
 Concen: 1.34 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096292.D
 Acq: 29 Jun 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 17049
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 23.4 19.8 29.8

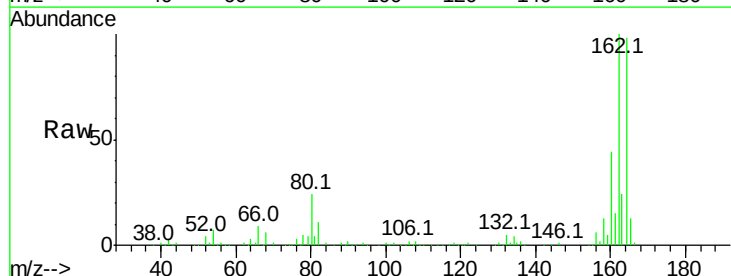


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

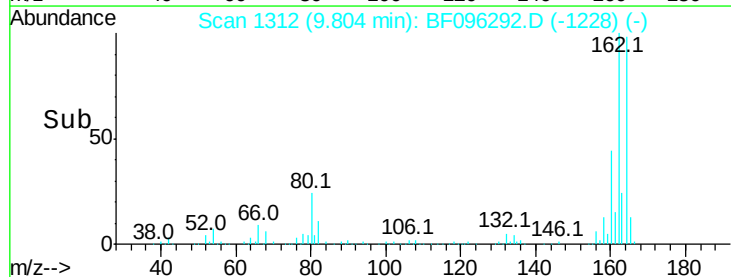
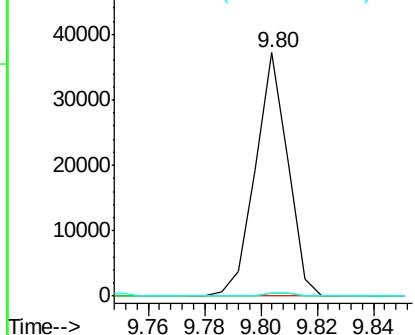


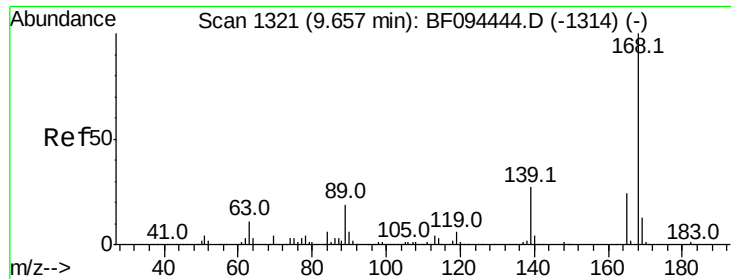
#50
 2,6-Dinitrotoluene
 Concen: 8.54 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF096292.D
 Acq: 29 Jun 2017 15:25

Tgt Ion:165 Resp: 29569
 Ion Ratio Lower Upper
 165 100
 63 1.4 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

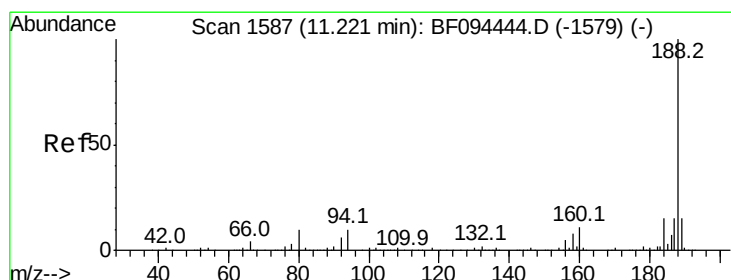
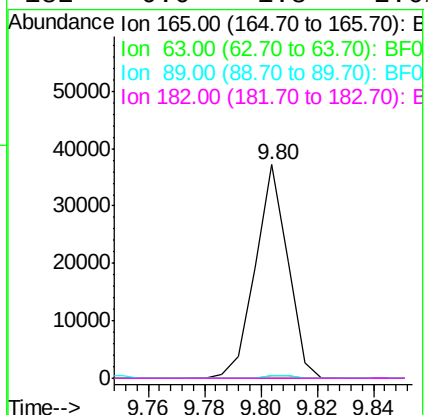
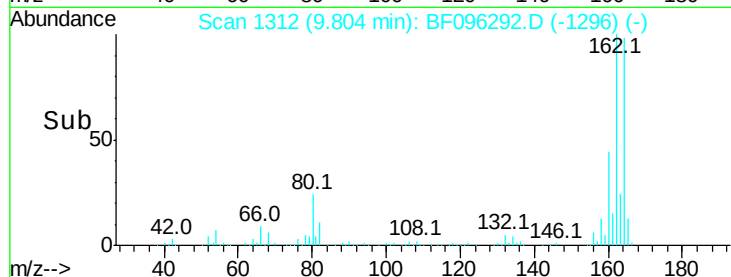
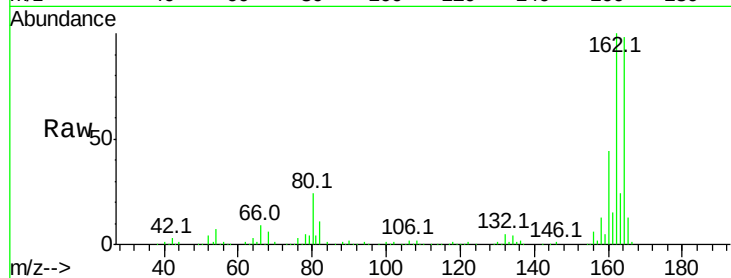




#56
 2,4-Dinitrotoluene
 Concen: 6.77 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.21 min
 Lab File: BF096292.D
 Acq: 29 Jun 2017 15:25

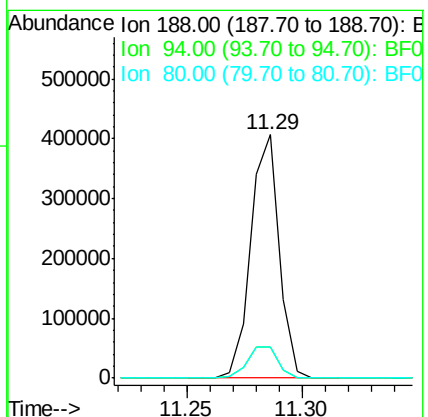
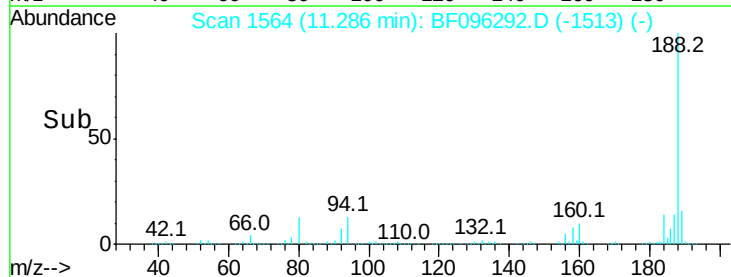
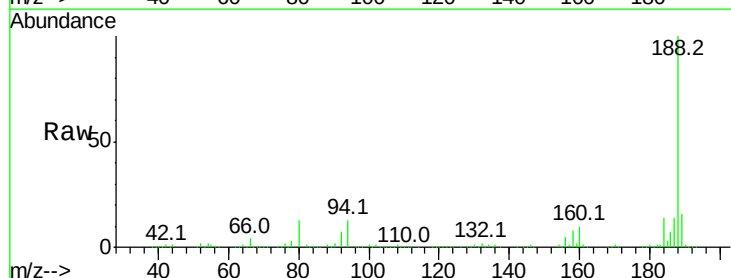
Instrument :
 BNA_F
 ClientSampled :

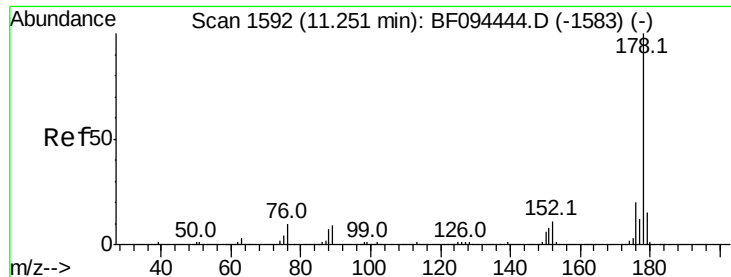
Tot Ion:	165	Resp:	29569
Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.4	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF096292.D
 Acq: 29 Jun 2017 15:25

Tgt Ion:	188	Resp:	350046
Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	12.8	10.2	15.2





#70

Phenanthrene

Concen: Below Cal

RT: 11.29 min Scan# 1564

Delta R.T. -0.04 min

Lab File: BF096292.D

Acq: 29 Jun 2017 15:25

Instrument :

BNA_F

ClientSampled :

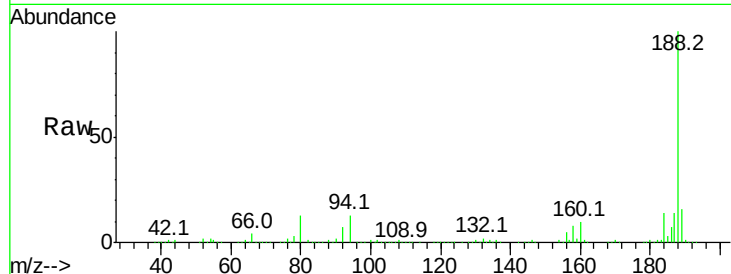
Tot Ion:178 Resp: 117

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

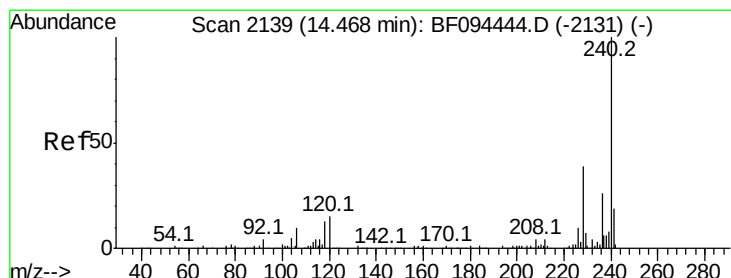
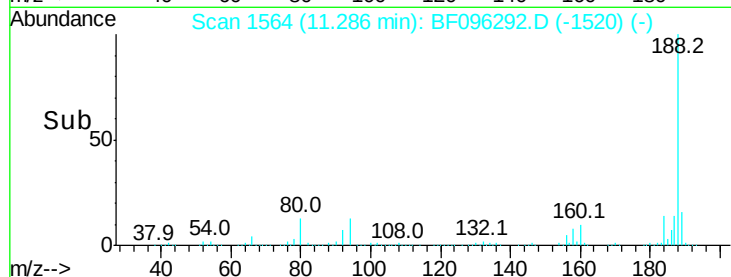
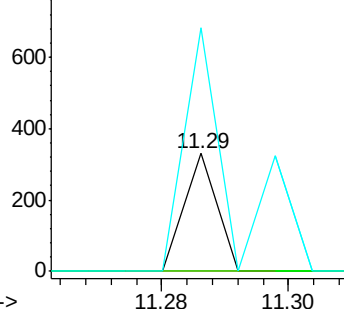
179 206.0 12.6 19.0#



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: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096292.D

Acq: 29 Jun 2017 15:25

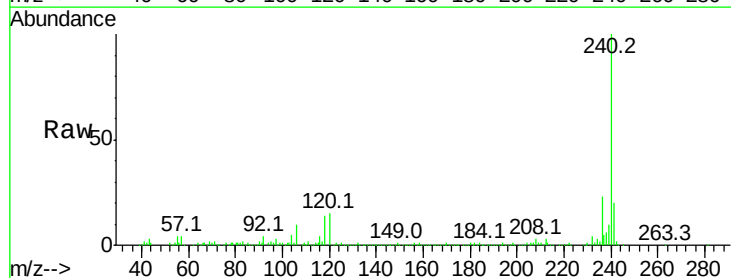
Tgt Ion:240 Resp: 333575

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

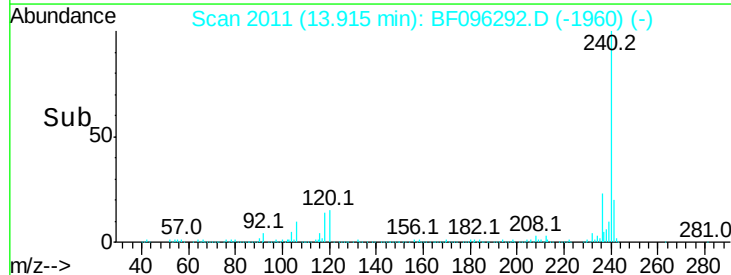
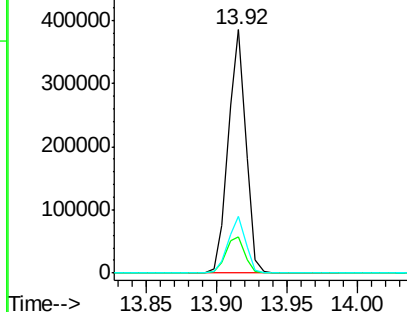
236 23.5 20.5 30.7

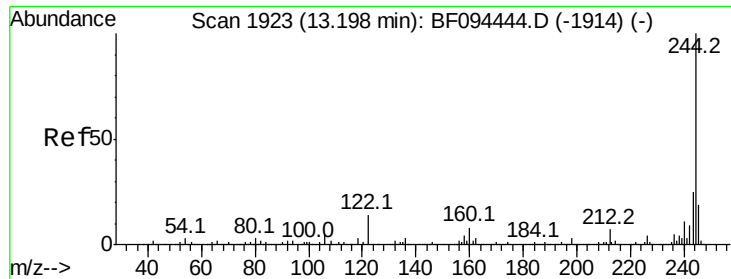


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 0.93 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BF096292.D

Acq: 29 Jun 2017 15:25

Instrument :

BNA_F

ClientSampleId :

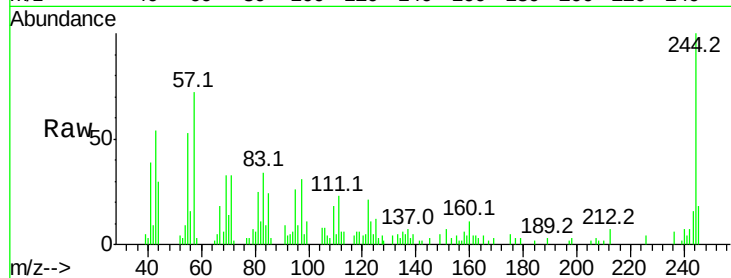
Tot Ion:244 Resp: 12480

Ion Ratio Lower Upper

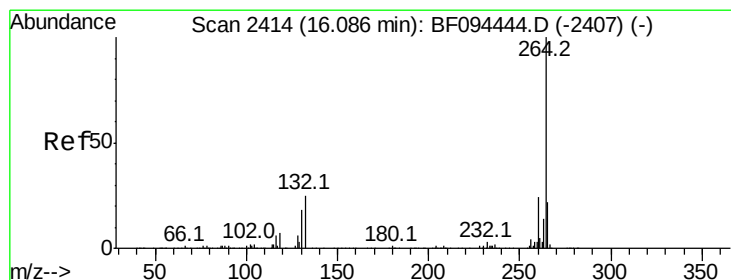
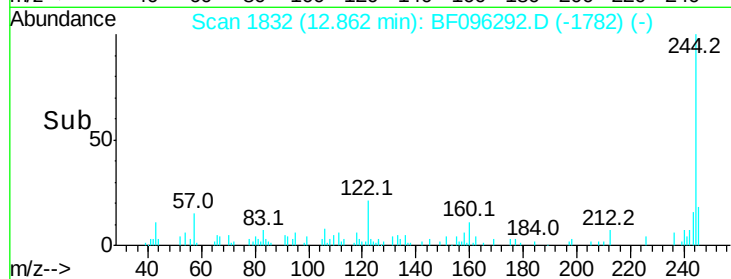
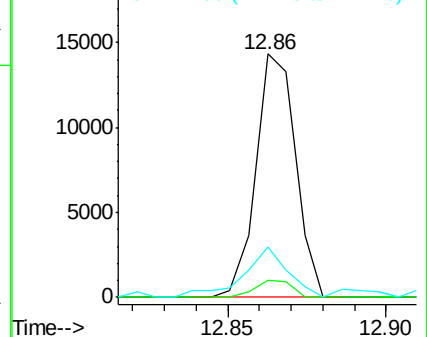
244 100

212 7.2 6.0 9.0

122 20.6 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: 20.00 ng

RT: 15.34 min Scan# 2253

Delta R.T. -0.00 min

Lab File: BF096292.D

Acq: 29 Jun 2017 15:25

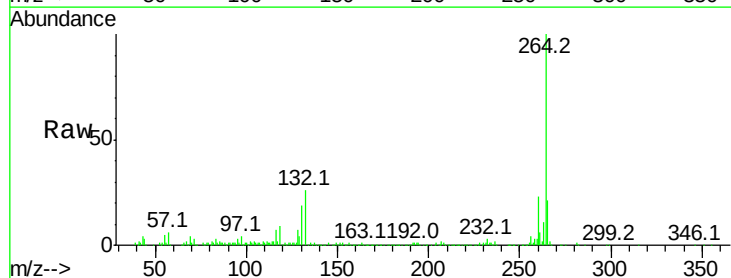
Tgt Ion:264 Resp: 253666

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.0 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

