

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096320.D
 Acq On : 30 Jun 2017 4:23
 Operator : SJ/MA
 Sample : I3883-05 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 30 07:39:25 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

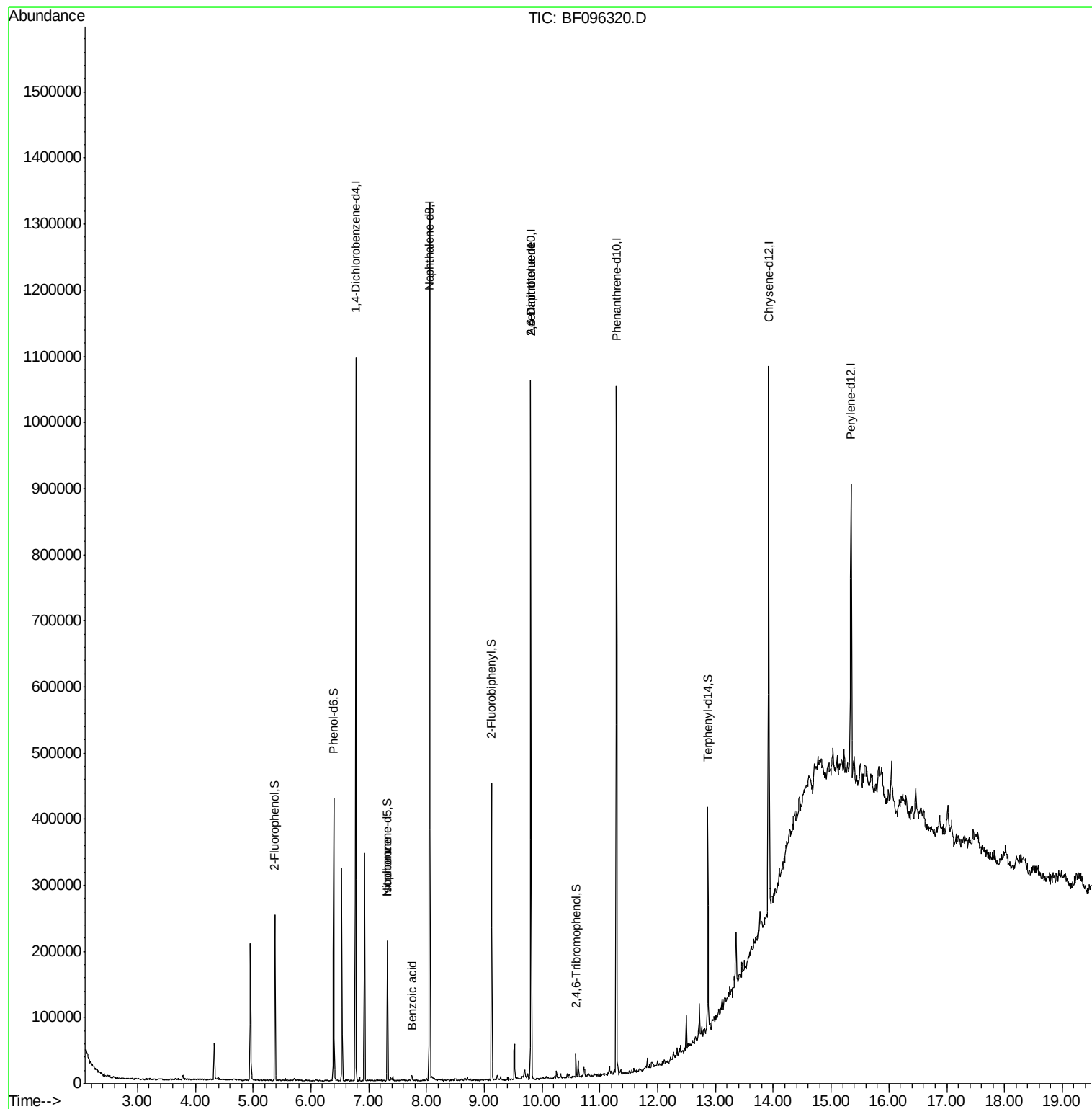
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	155153	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	586692	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	211378	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	326046	20.00	ng	0.00
75) Chrysene-d12	13.92	240	292320	20.00	ng	0.00
86) Perylene-d12	15.34	264	196888	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	65890	6.12	ng	0.00
7) Phenol-d6	6.39	99	120339	9.23	ng	0.00
23) Nitrobenzene-d5	7.32	82	59297	7.00	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	3727	2.24	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	118144	10.24	ng	-0.02
78) Terphenyl-d14	12.87	244	86817	7.41	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	109	Below Cal	#	1
25) Isophorone	7.32	82	59296	3.08	ng	67
32) Benzoic acid	7.75	122	2104	9.07	ng	96
50) 2,6-Dinitrotoluene	9.80	165	25882	8.23	ng	33
56) 2,4-Dinitrotoluene	9.80	165	25882	6.53	ng	33
57) Fluorene	10.35	166	305	Below Cal	#	67
70) Phenanthrene	11.31	178	7122	Below Cal		99

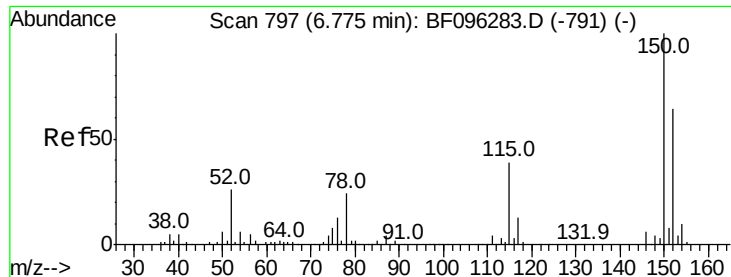
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096320.D
Acq On : 30 Jun 2017 4:23
Operator : SJ/MA
Sample : I3883-05 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 30 07:39:25 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



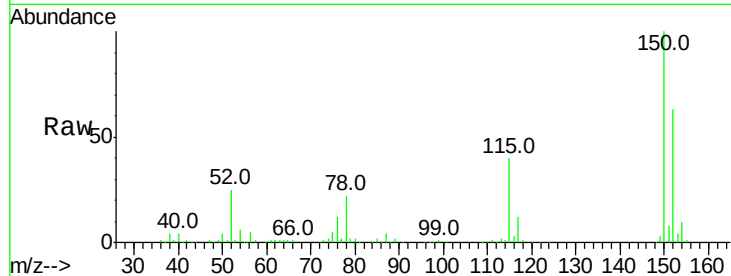


#1

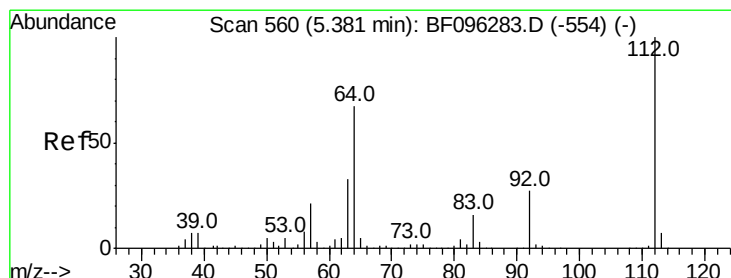
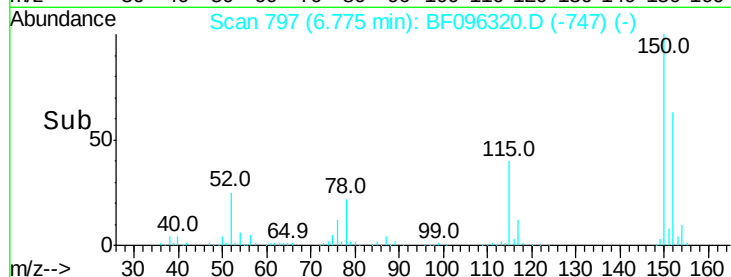
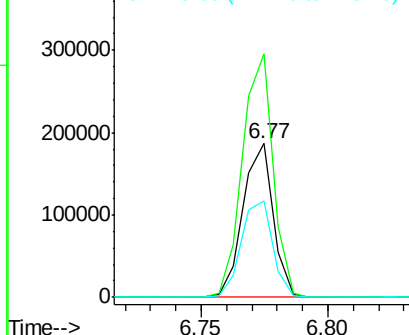
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF096320.D
Acq: 30 Jun 2017 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	62.6	52.2	78.2



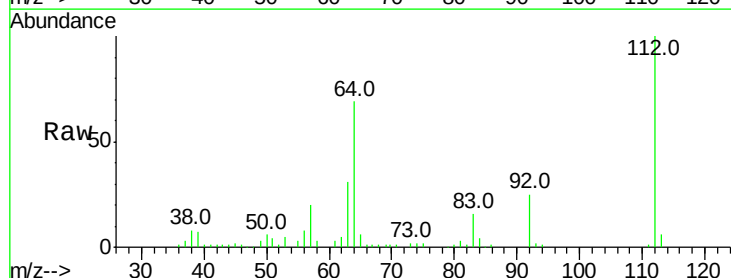
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



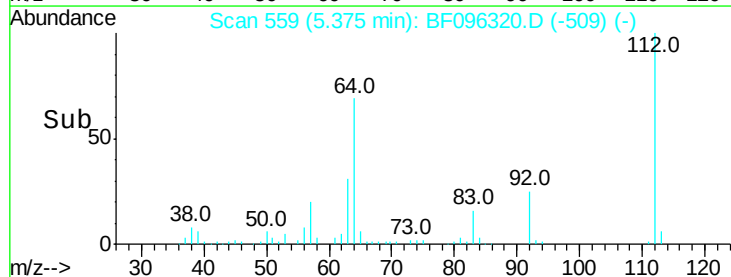
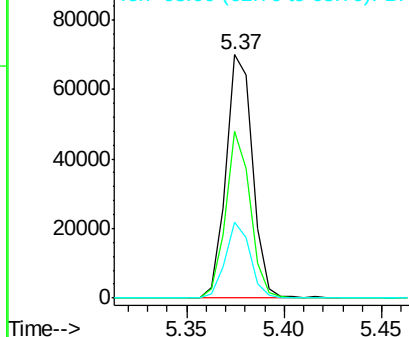
#5

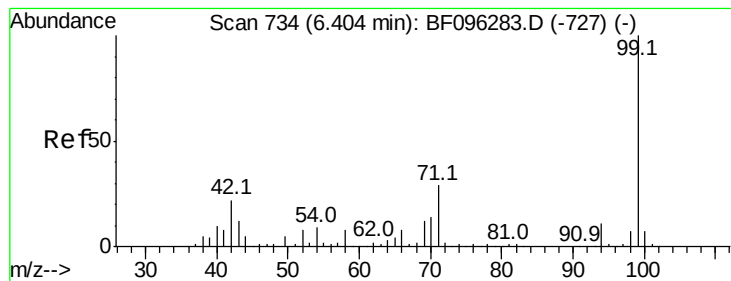
2-Fluorophenol
Concen: 6.12 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096320.D
Acq: 30 Jun 2017 4:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	46.0	69.0
63	31.0	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: 9.23 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096320.D

Acq: 30 Jun 2017 4:23

Instrument :

BNA_F

ClientSampled :

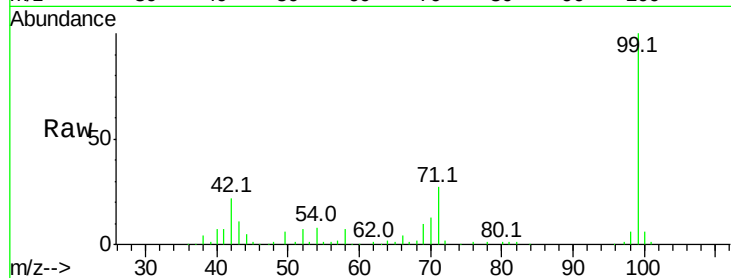
Tot Ion: 99 Resp: 120339

Ion Ratio Lower Upper

99 100

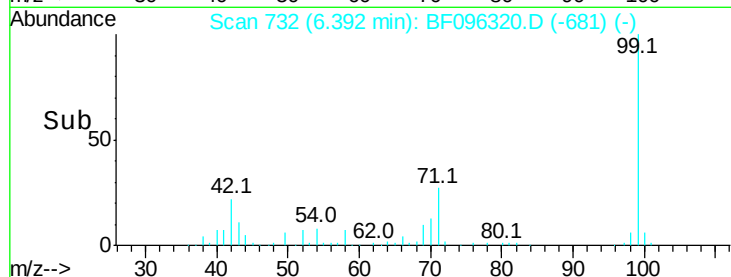
42 21.7 13.5 20.3#

71 27.3 24.5 36.7

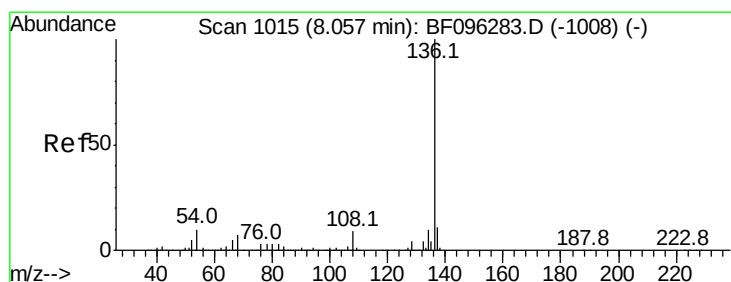


Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0

6.39



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF096320.D

Acq: 30 Jun 2017 4:23

Tgt Ion: 136 Resp: 586692

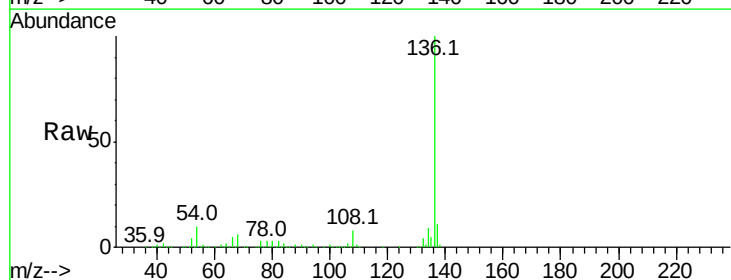
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

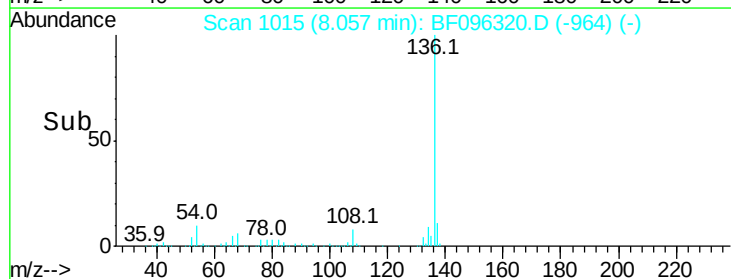
54 9.9 4.9 7.3#

68 6.1 4.1 6.1

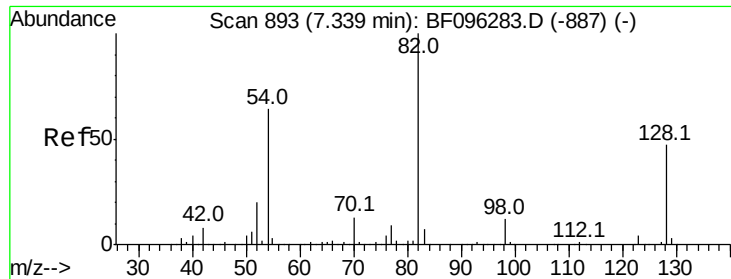


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

8.06



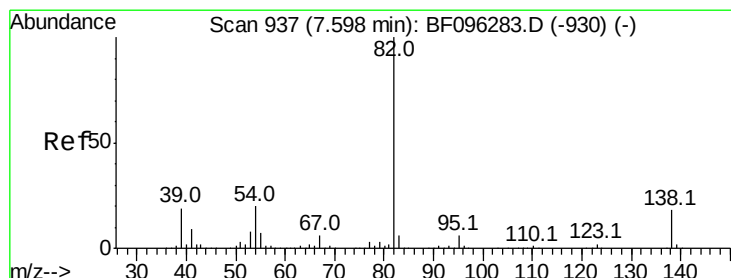
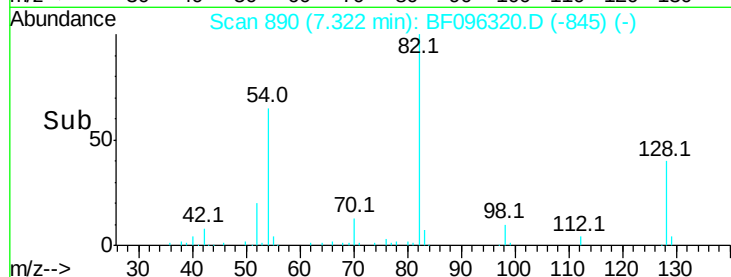
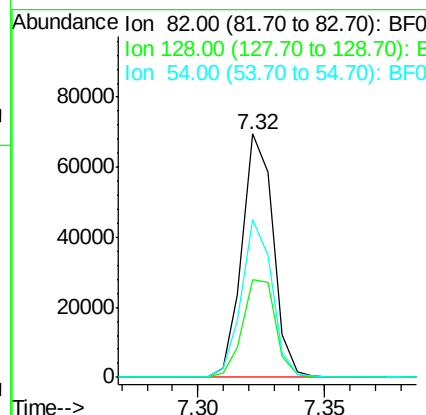
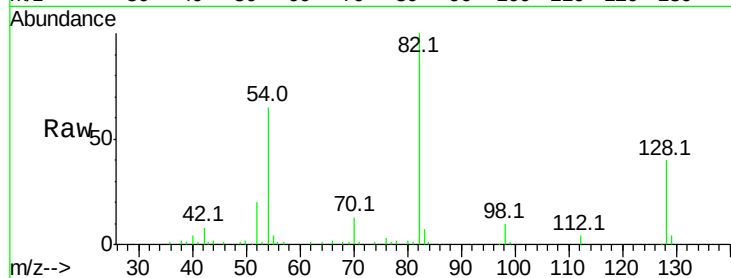
Time-->



#23
Nitrobenzene-d5
Concen: 7.00 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096320.D
Acq: 30 Jun 2017 4:23

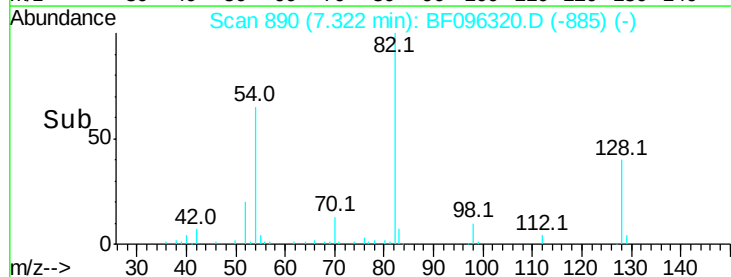
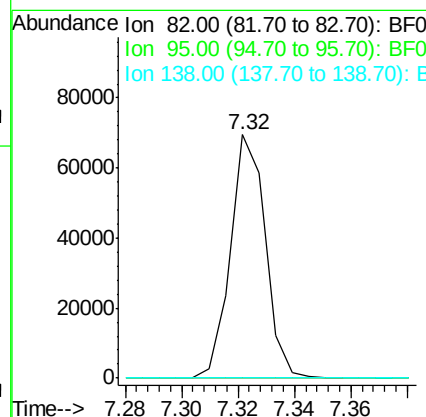
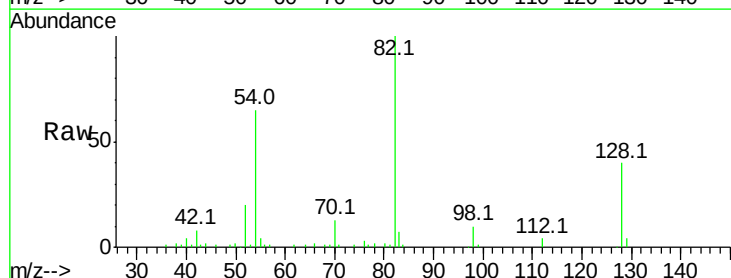
Instrument :
BNA_F
ClientSampled :

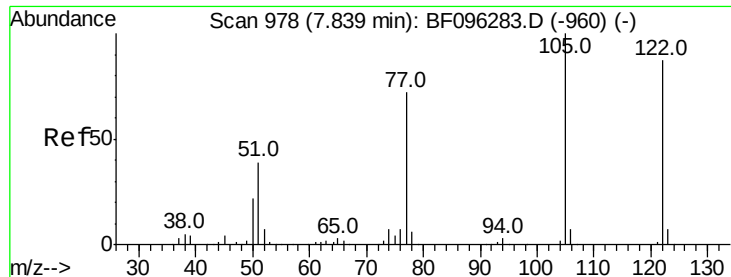
Tot Ion: 82 Resp: 59297
Ion Ratio Lower Upper
82 100
128 40.3 34.0 51.0
54 65.0 42.2 63.2#



#25
Isophorone
Concen: 3.08 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.27 min
Lab File: BF096320.D
Acq: 30 Jun 2017 4:23

Tgt Ion: 82 Resp: 59296
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#32

Benzoic acid

Concen: 9.07 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.14 min

Lab File: BF096320.D

Acq: 30 Jun 2017 4:23

Instrument :

BNA_F

ClientSampleId :

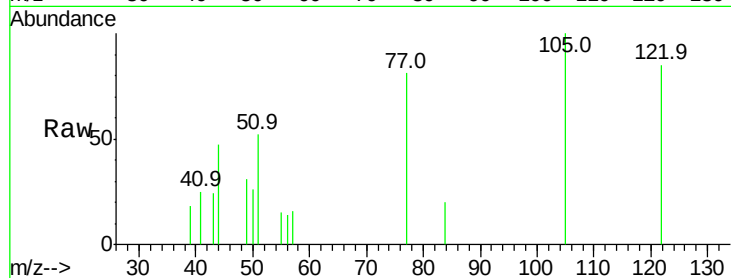
Tot Ion:122 Resp: 2104

Ion Ratio Lower Upper

122 100

105 117.5 103.3 143.3

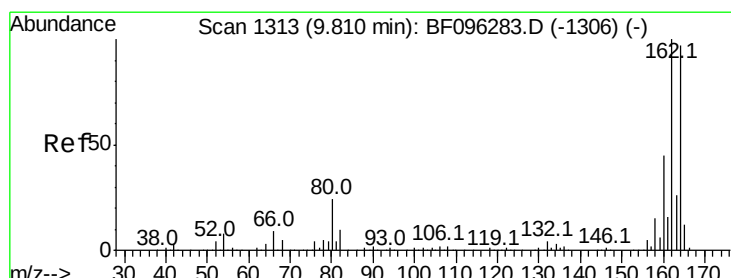
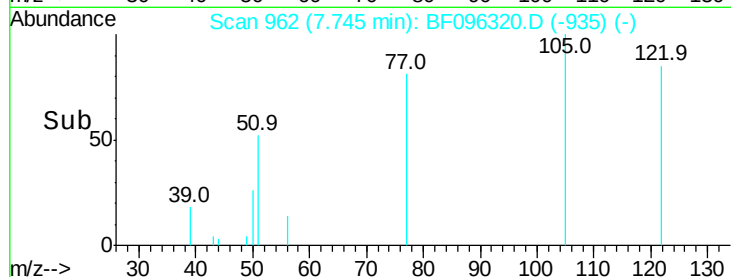
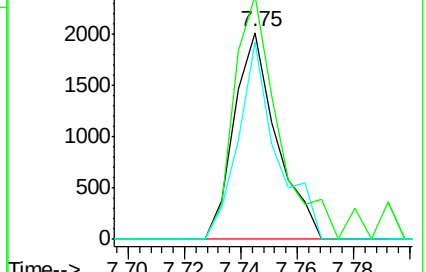
77 95.2 73.7 113.7



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: BF096320.D

Acq: 30 Jun 2017 4:23

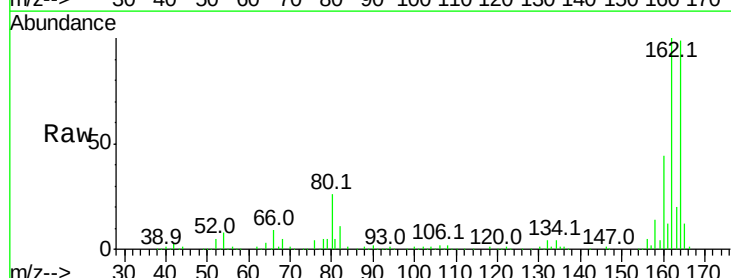
Tgt Ion:164 Resp: 211378

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

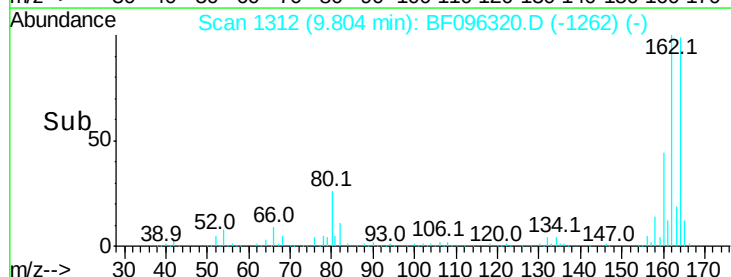
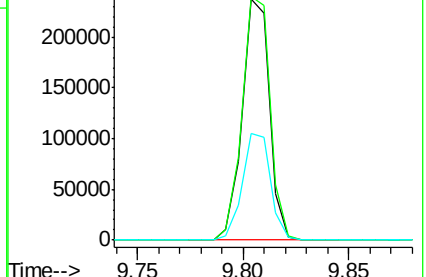
160 44.2 36.2 54.2

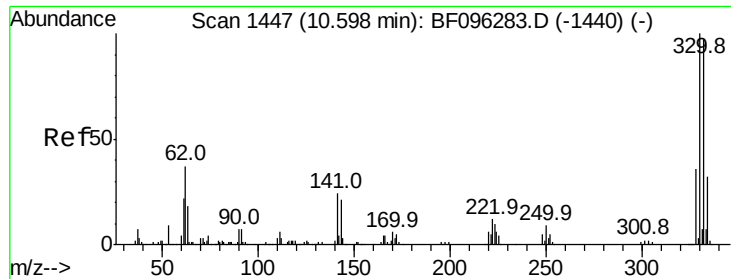


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

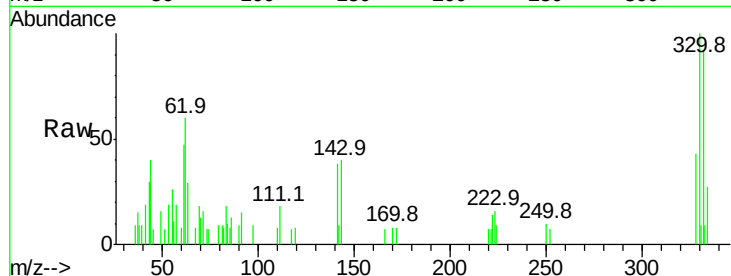




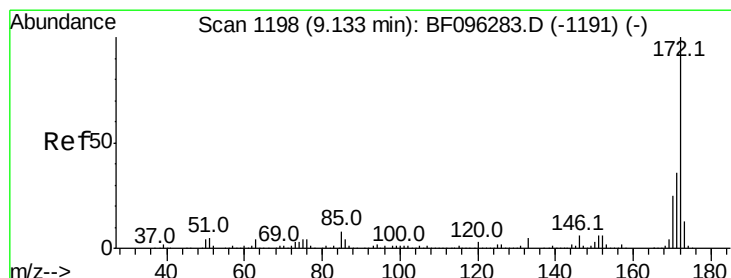
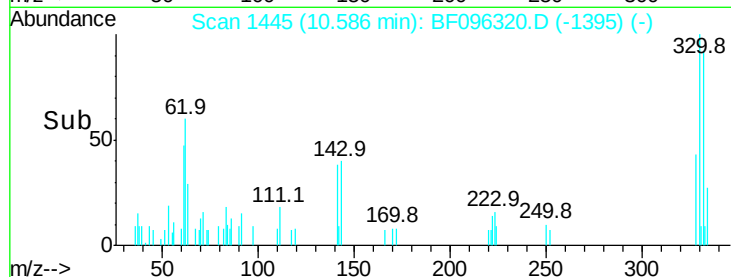
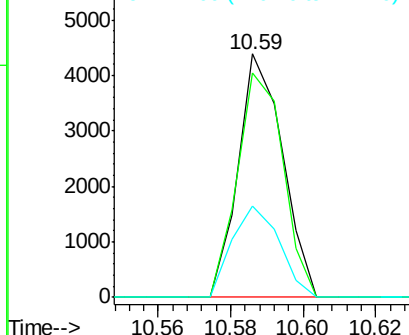
#41
 2,4,6-Tribromophenol
 Concen: 2.24 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096320.D
 Acq: 30 Jun 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	40.0	31.4	47.2

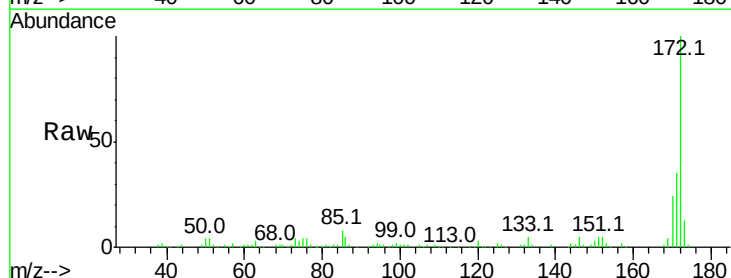


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

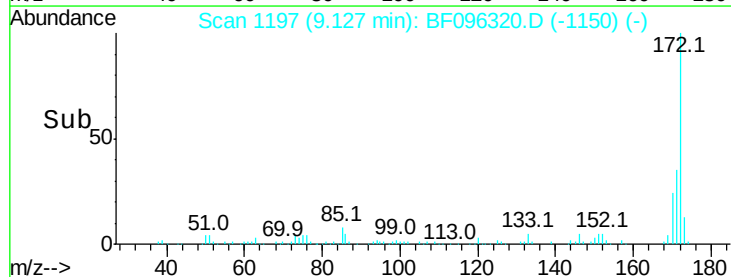
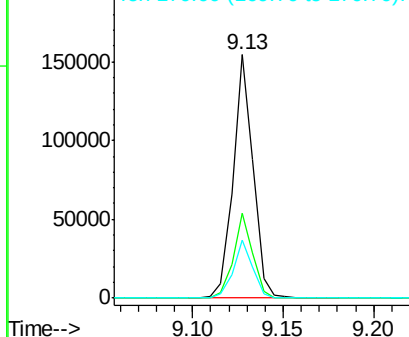


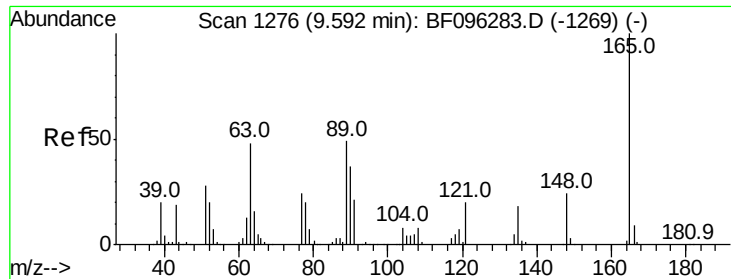
#44
 2-Fluorobiphenyl
 Concen: 10.24 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096320.D
 Acq: 30 Jun 2017 4:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.7	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

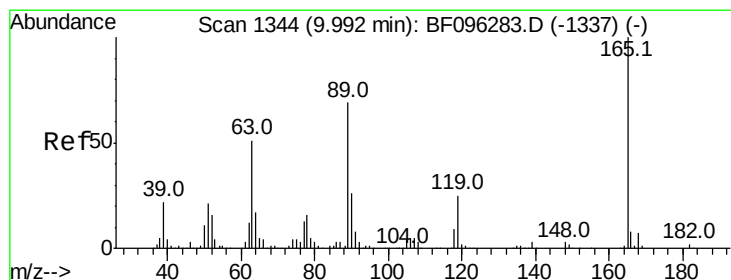
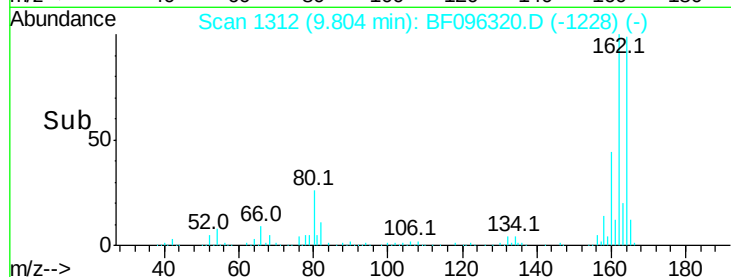
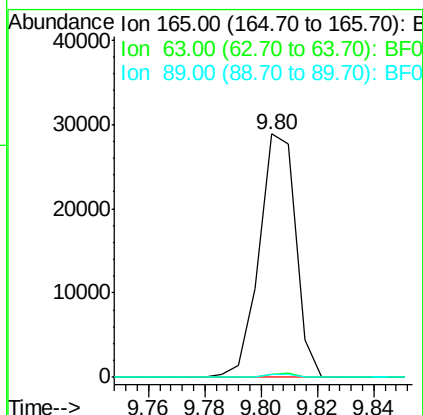
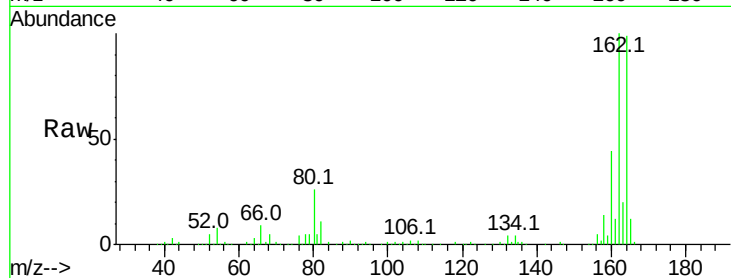




#50
 2,6-Dinitrotoluene
 Concen: 8.23 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF096320.D
 Acq: 30 Jun 2017 4:23

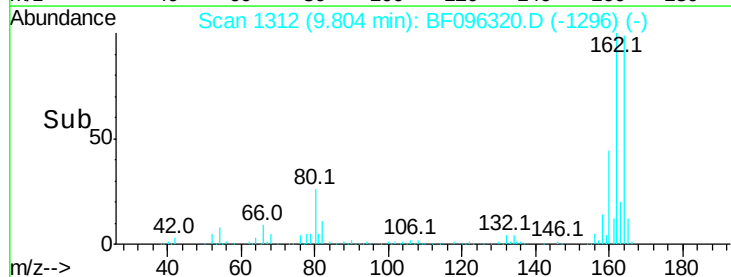
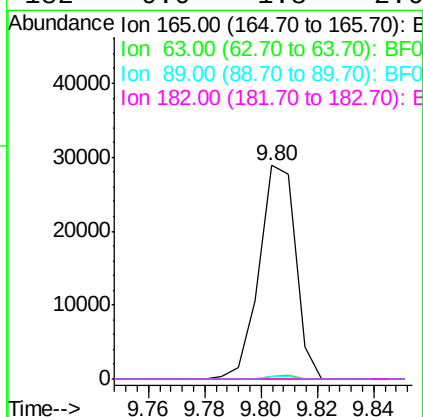
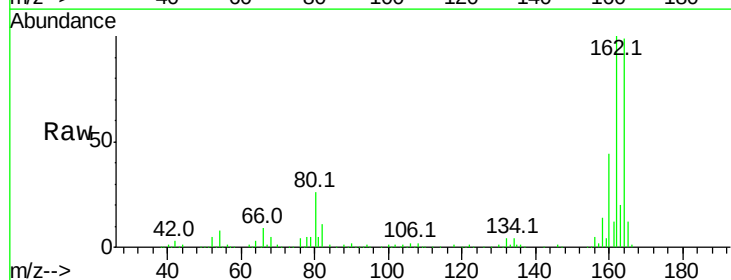
Instrument :
 BNA_F
 ClientSampleId :

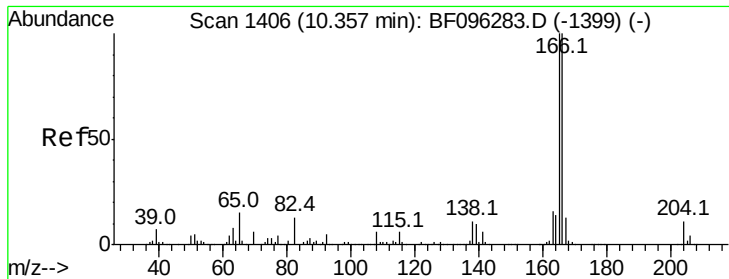
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.1	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.53 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.21 min
 Lab File: BF096320.D
 Acq: 30 Jun 2017 4:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	25.4	38.0#
89	1.1	46.4	69.6#
182	0.0	1.8	2.6#

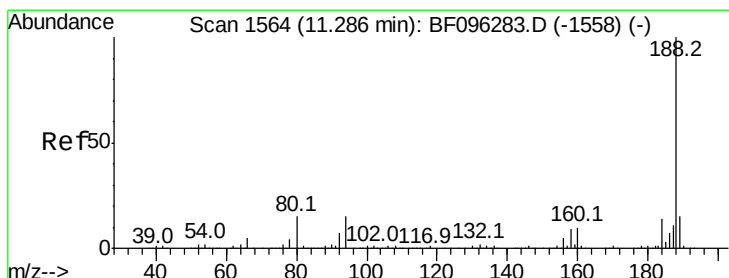
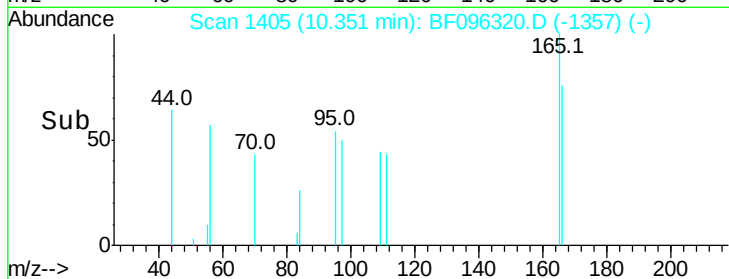
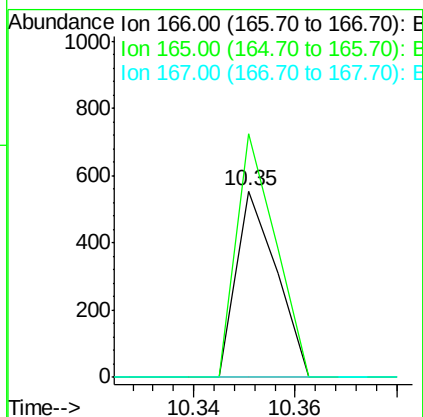
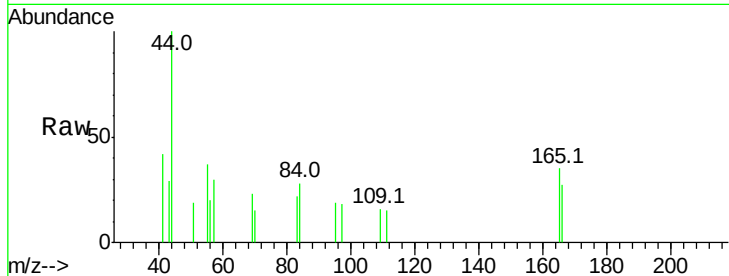




#57
 Fluorene
 Concen: Below Cal
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.02 min
 Lab File: BF096320.D
 Acq: 30 Jun 2017 4:23

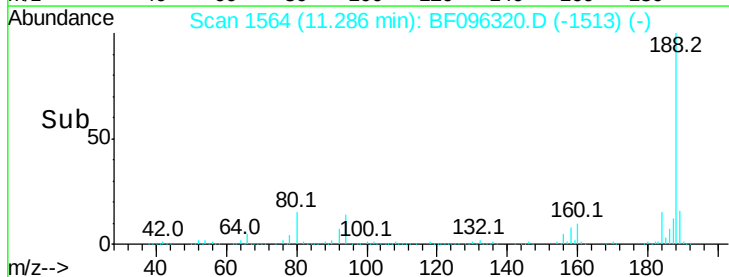
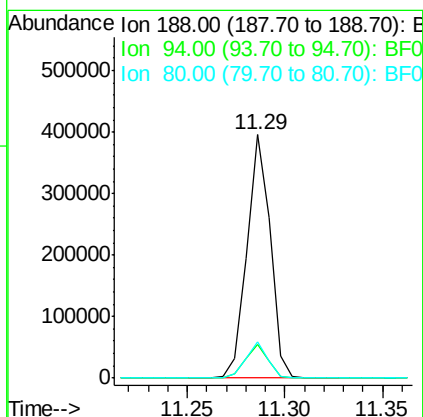
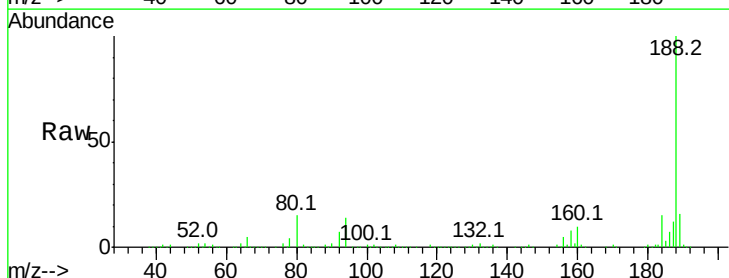
Instrument :
 BNA_F
 ClientSampled :

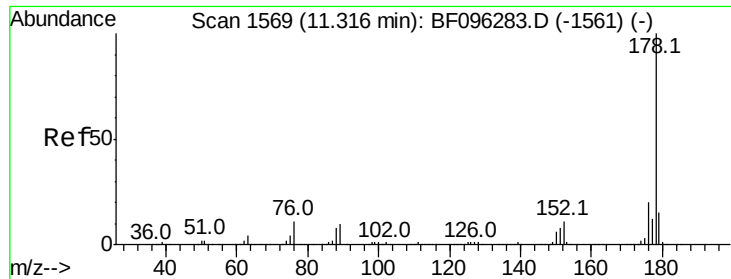
Tot Ion:166 Resp: 305
 Ion Ratio Lower Upper
 166 100
 165 130.9 78.8 118.2#
 167 0.0 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF096320.D
 Acq: 30 Jun 2017 4:23

Tgt Ion:188 Resp: 326046
 Ion Ratio Lower Upper
 188 100
 94 14.1 9.4 14.2
 80 14.8 10.2 15.2

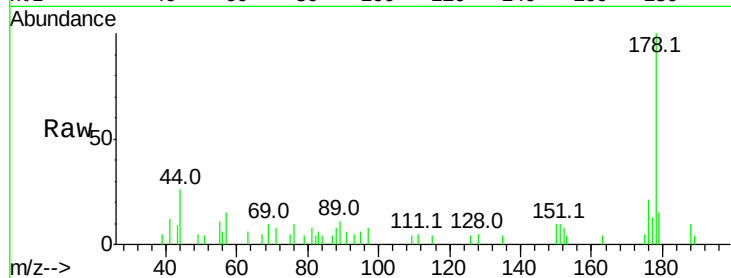




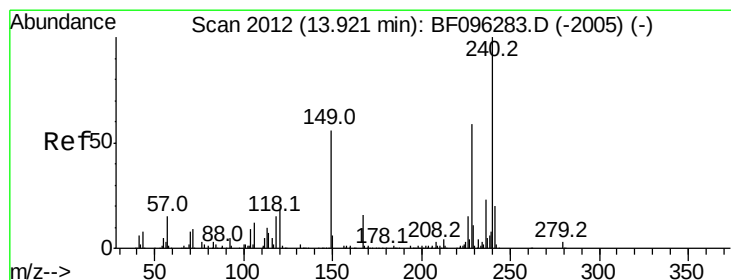
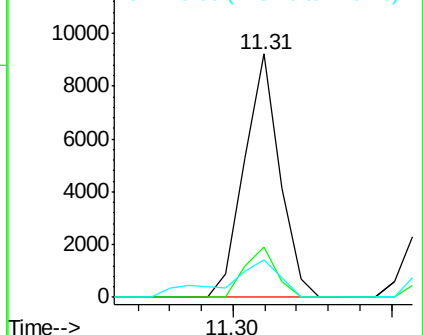
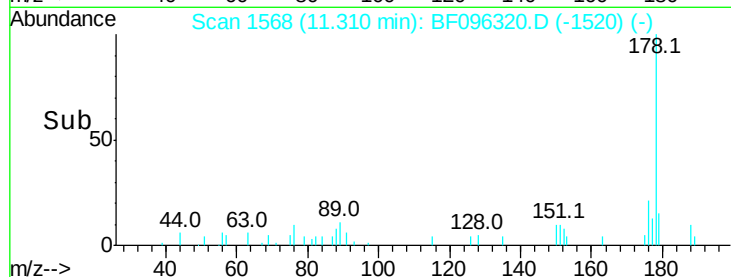
#70
Phenanthrene
Concen: Below Cal
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF096320.D
Acq: 30 Jun 2017 4:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 7122
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 15.3 12.6 19.0

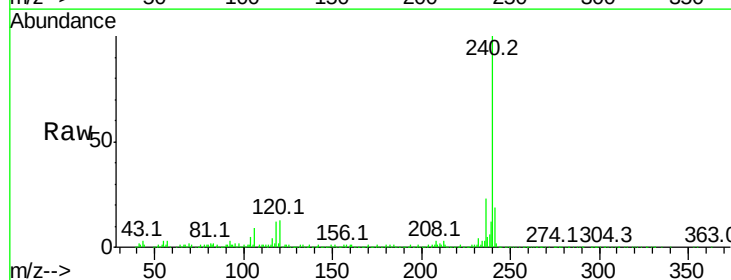


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

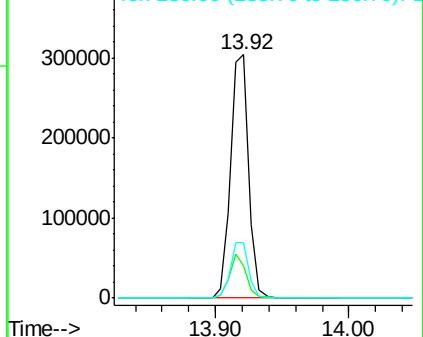
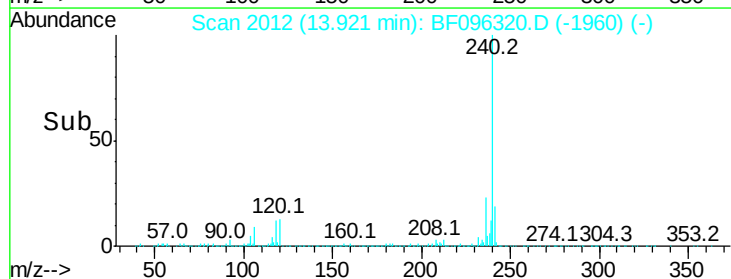


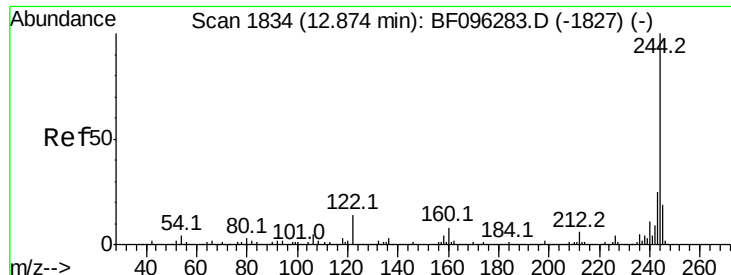
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BF096320.D
Acq: 30 Jun 2017 4:23

Tgt Ion:240 Resp: 292320
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 22.8 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: 7.41 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096320.D

Acq: 30 Jun 2017 4:23

Instrument :

BNA_F

ClientSampled :

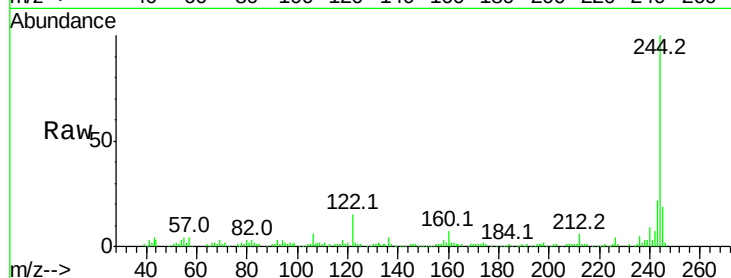
Tot Ion:244 Resp: 86817

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

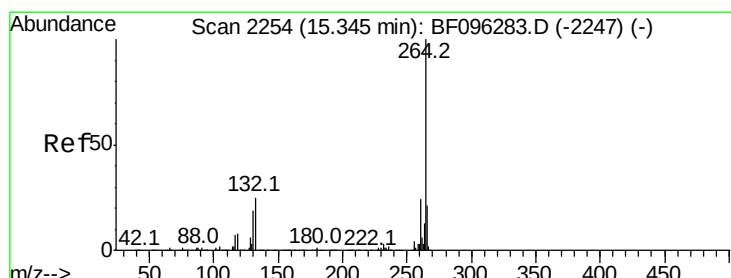
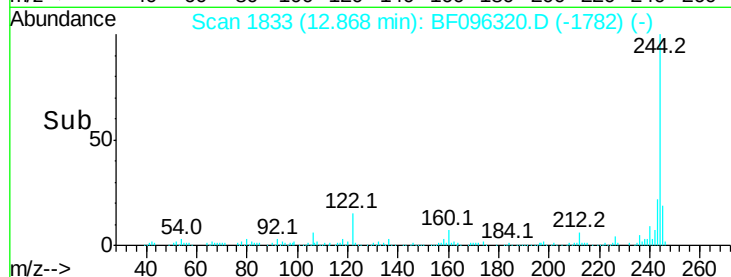
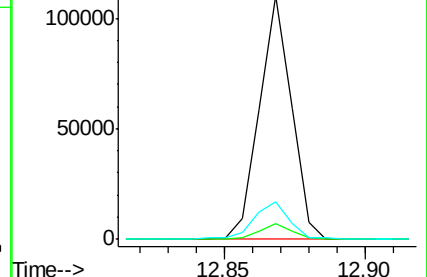
122 15.5 10.3 15.5#



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: 20.00 ng

RT: 15.34 min Scan# 2254

Delta R.T. 0.01 min

Lab File: BF096320.D

Acq: 30 Jun 2017 4:23

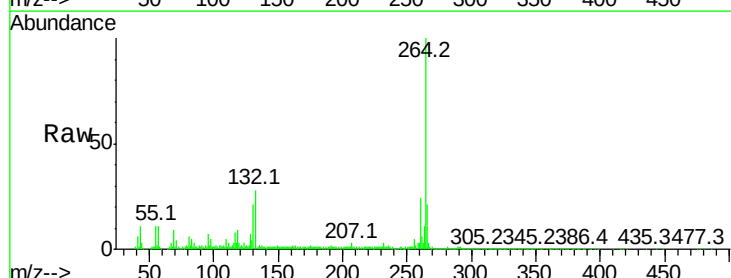
Tgt Ion:264 Resp: 196888

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.1 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

