

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091192.D
 Acq On : 16 Nov 2016 17:09
 Operator : UM/SJ
 Sample : H5636-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS043041

Quant Time: Nov 17 00:28:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 00:05:11 2016
 Response via : Initial Calibration

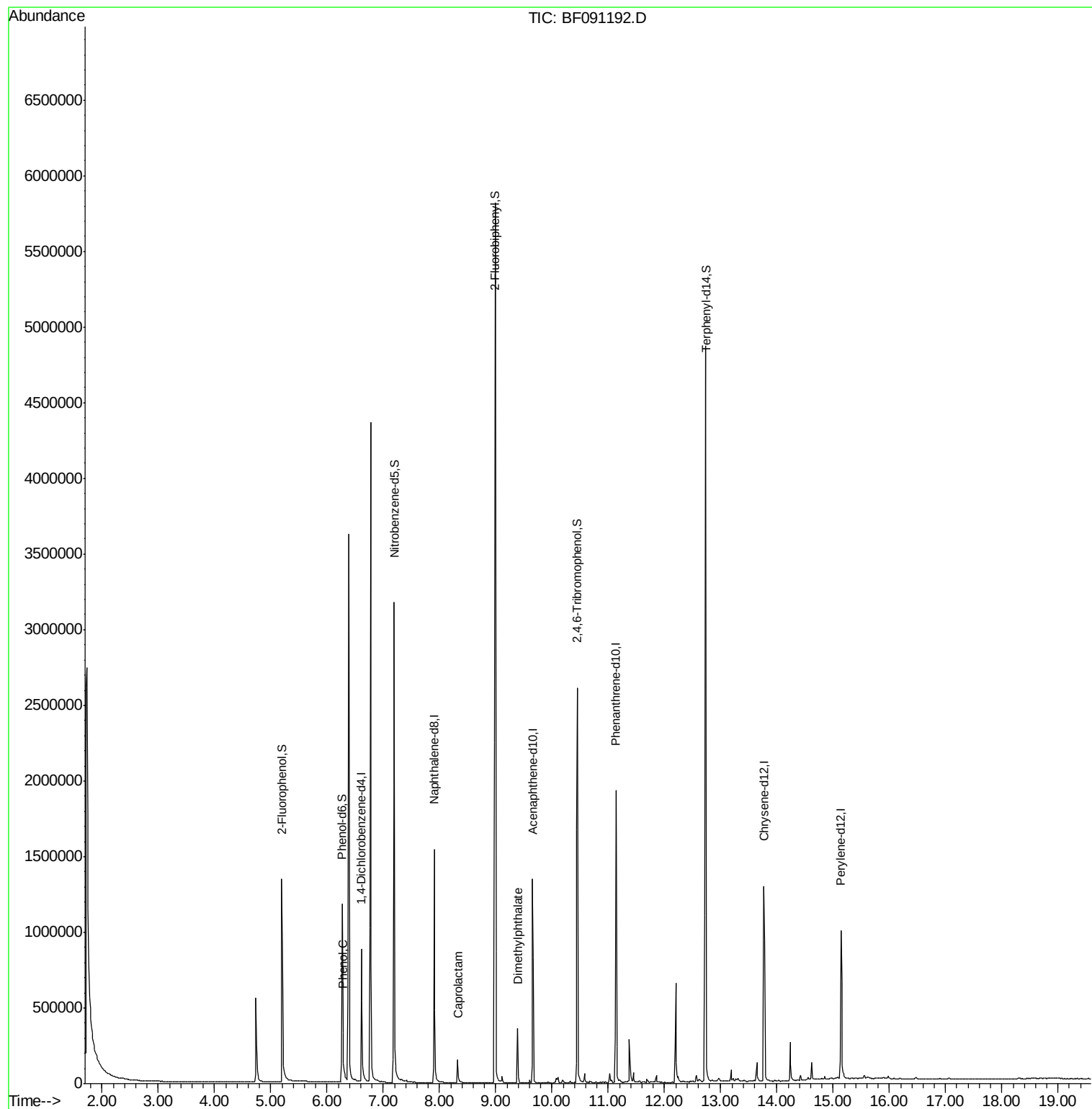
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	180644	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	783510	20.00	ng	-0.01
38) Acenaphthene-d10	9.65	164	383638	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	712099	20.00	ng	0.00
75) Chrysene-d12	13.77	240	568442	20.00	ng	-0.01
86) Perylene-d12	15.14	264	469145	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	562825	51.46	ng	0.00
7) Phenol-d6	6.27	99	475008	32.00	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1471463	102.45	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	475603	137.13	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	2139105	96.00	ng	0.00
78) Terphenyl-d14	12.74	244	2462278	108.09	ng	0.01
Target Compounds						
10) Phenol	6.28	94	44648	2.72	ng	# 67
35) Caprolactam	8.33	113	23281	7.65	ng	# 71
49) Dimethylphthalate	9.39	163	145763	5.79	ng	98

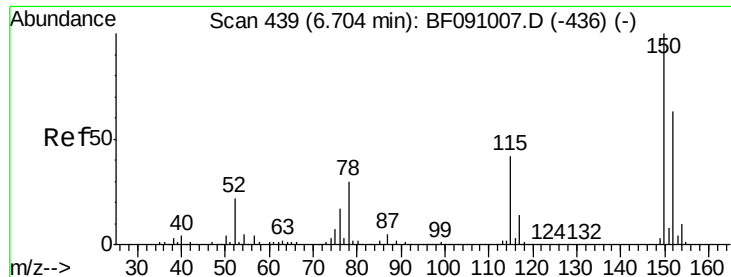
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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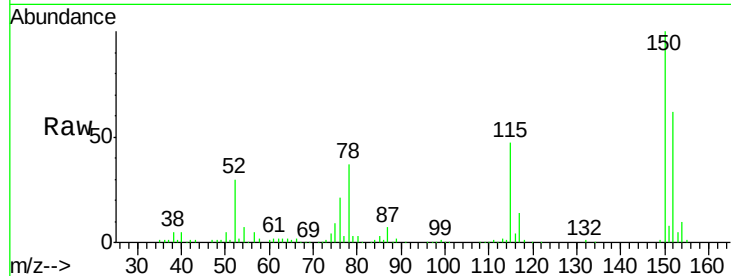


#1

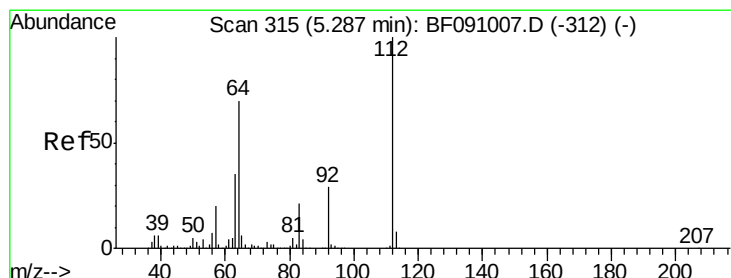
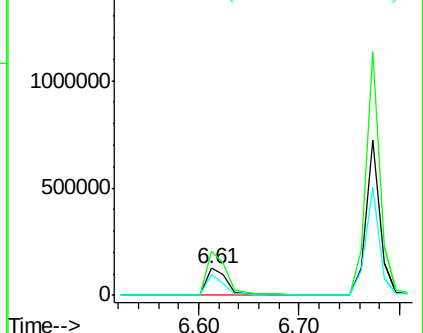
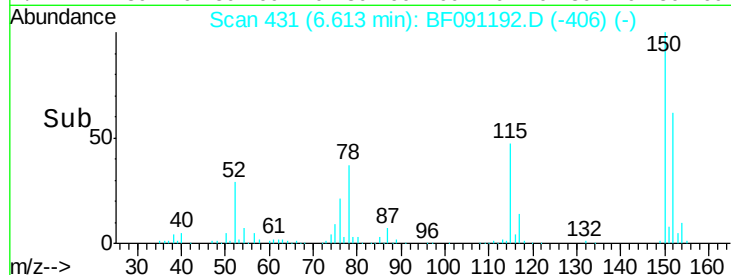
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampled :
CPS043041

Tgt Ion:152 Resp: 180644
Ion Ratio Lower Upper
152 100
150 160.7 126.8 190.2
115 75.1 53.3 79.9



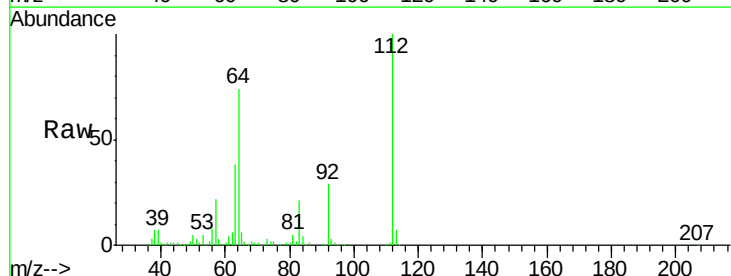
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



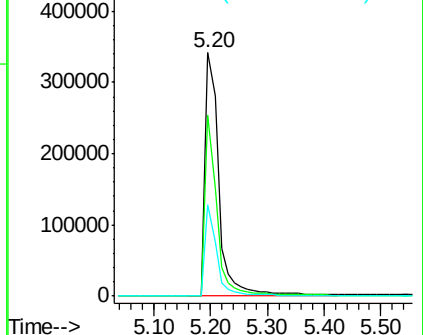
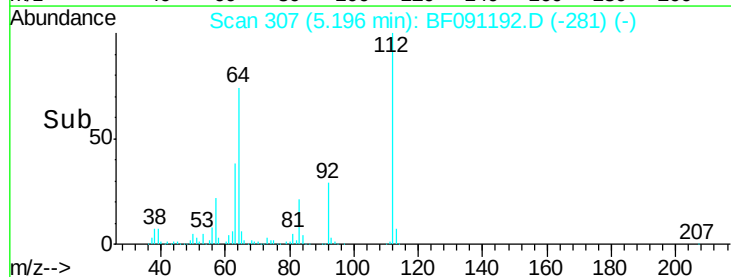
#5

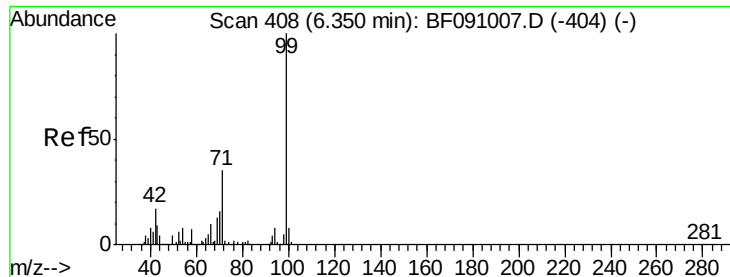
2-Fluorophenol
Concen: 51.46 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.00 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion:112 Resp: 562825
Ion Ratio Lower Upper
112 100
64 74.3 55.8 83.6
63 37.6 28.0 42.0



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: 32.00 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF091192.D

Acq: 16 Nov 2016 17:09

Instrument :

BNA_F

ClientSampleId :

CPS043041

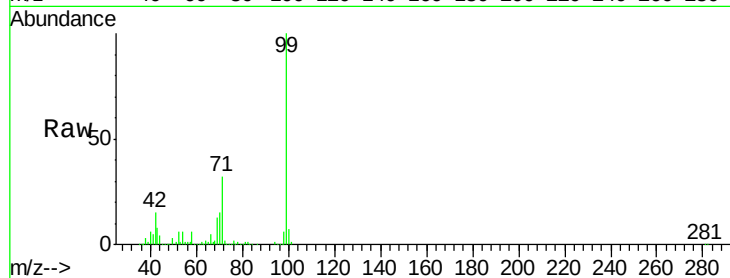
Tgt Ion: 99 Resp: 475008

Ion Ratio Lower Upper

99 100

42 15.1 13.9 20.9

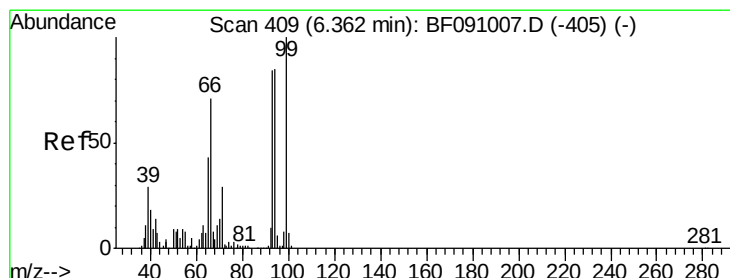
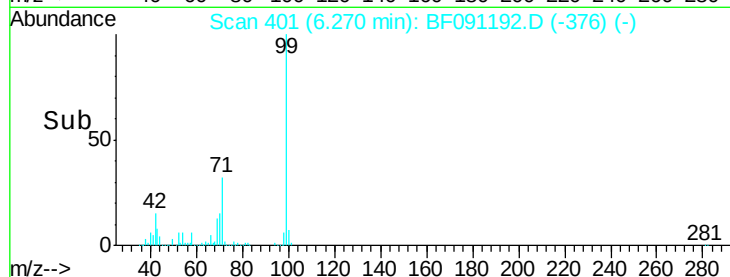
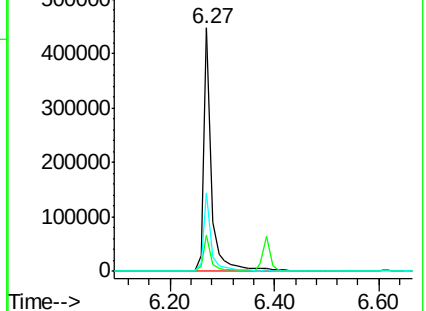
71 32.3 27.8 41.8



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



#10

Phenol

Concen: 2.72 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091192.D

Acq: 16 Nov 2016 17:09

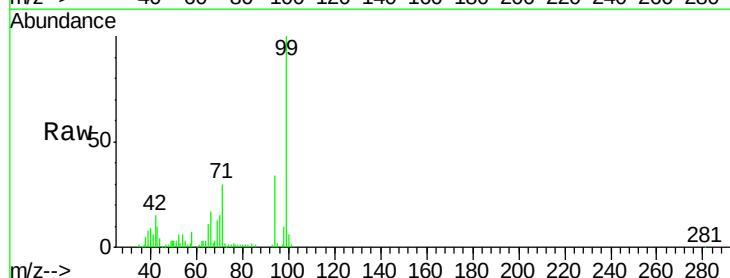
Tgt Ion: 94 Resp: 44648

Ion Ratio Lower Upper

94 100

65 31.6 30.4 70.4

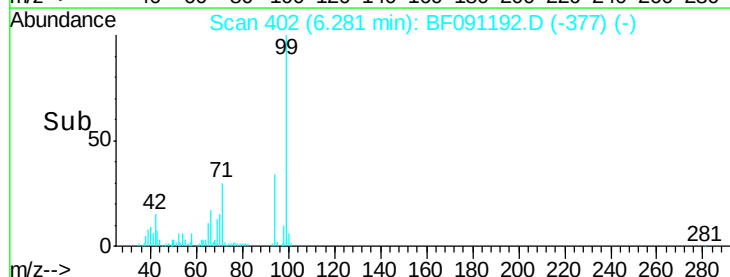
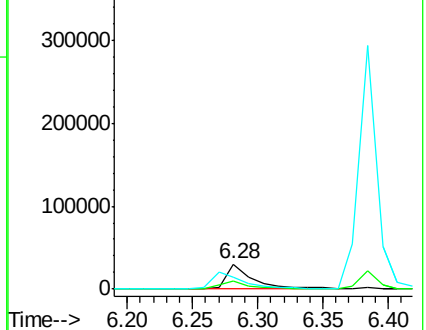
66 49.4 62.9 102.9#

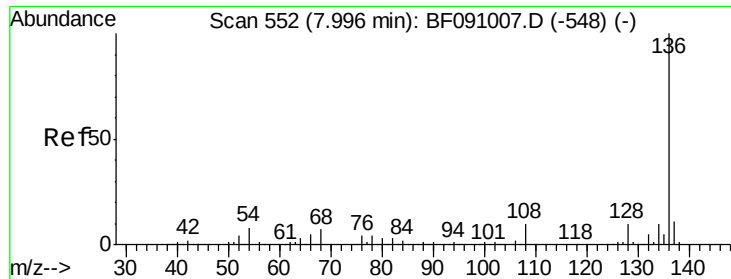


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

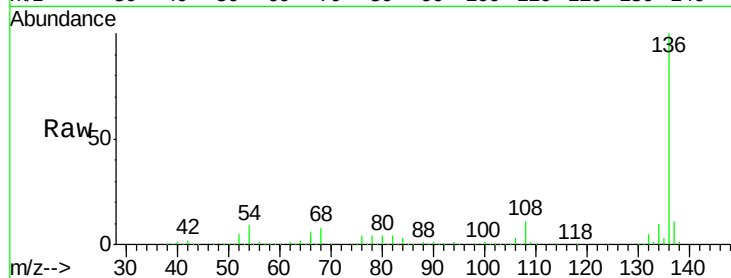




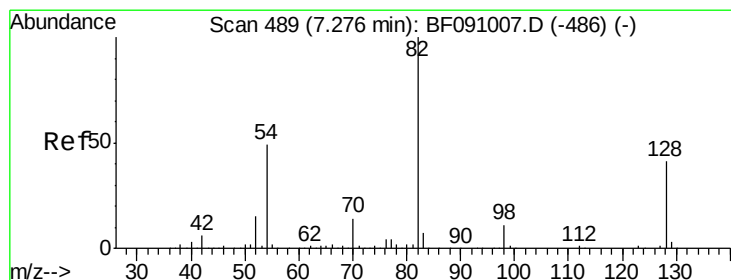
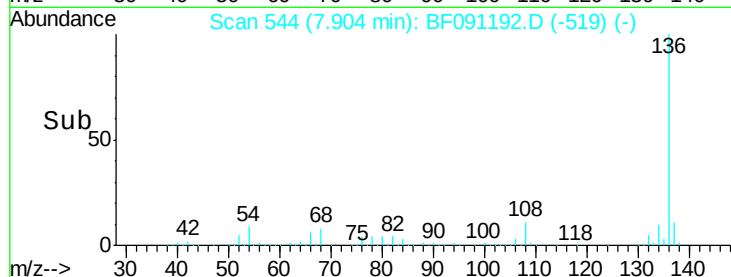
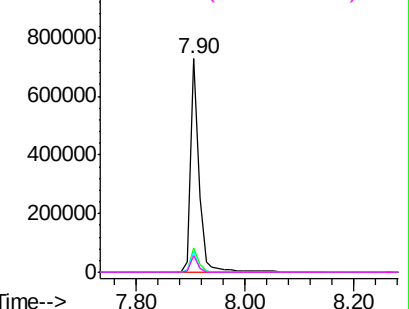
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion:	136	Resp:	783510
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.5	6.2	9.2#
68	8.0	5.5	8.3

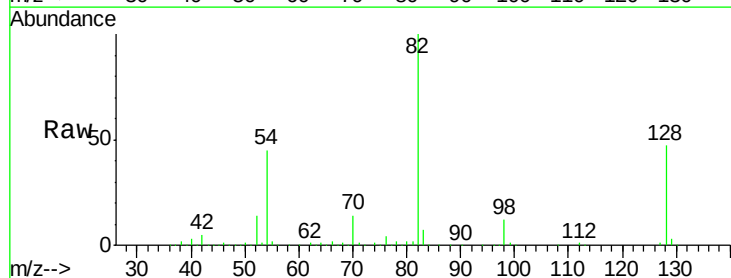


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

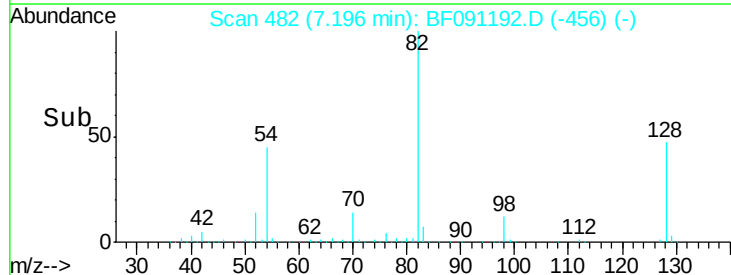
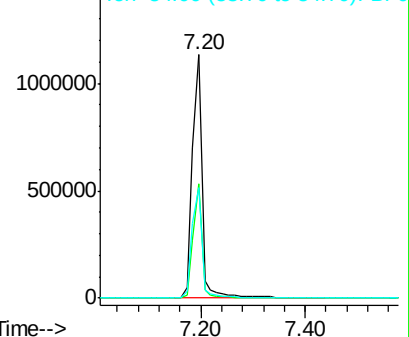


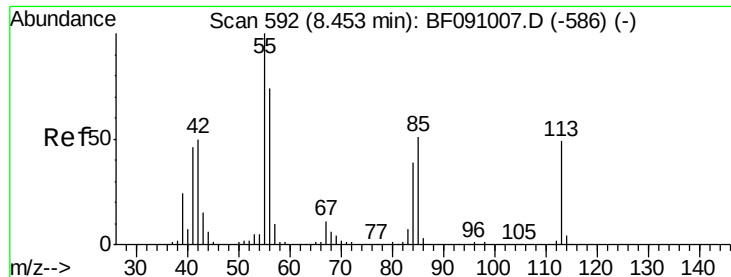
#23
Nitrobenzene-d5
Concen: 102.45 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion:	82	Resp:	1471463
Ion	Ratio	Lower	Upper
82	100		
128	46.7	32.4	48.6
54	45.3	39.2	58.8



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

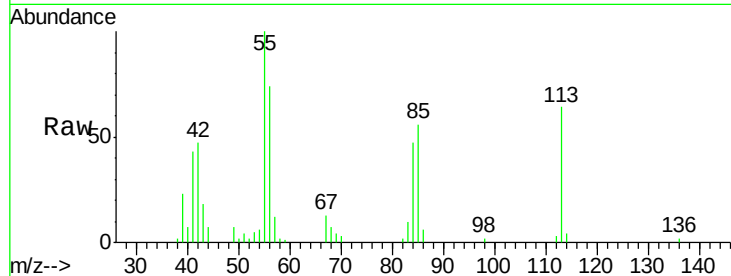




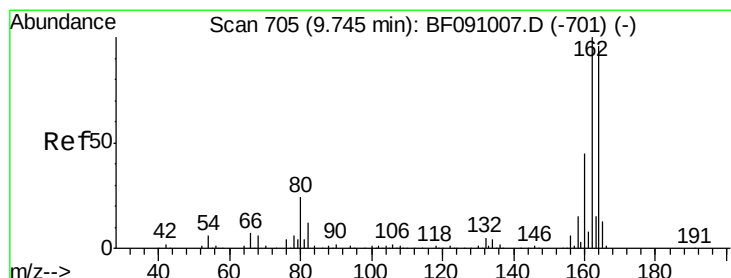
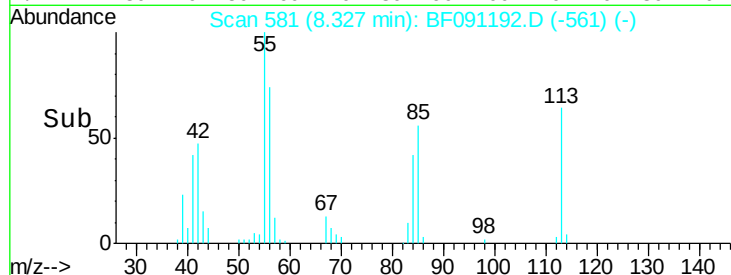
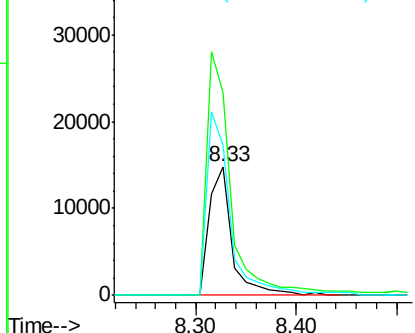
#35
 Caprolactam
 Concen: 7.65 ng
 RT: 8.33 min Scan# 581
 Delta R.T. -0.07 min
 Lab File: BF091192.D
 Acq: 16 Nov 2016 17:09

Instrument :
 BNA_F
 ClientSampleId :
 CPS043041

Tgt Ion:113 Resp: 23281
 Ion Ratio Lower Upper
 113 100
 55 157.0 184.1 224.1#
 56 116.9 132.0 172.0#

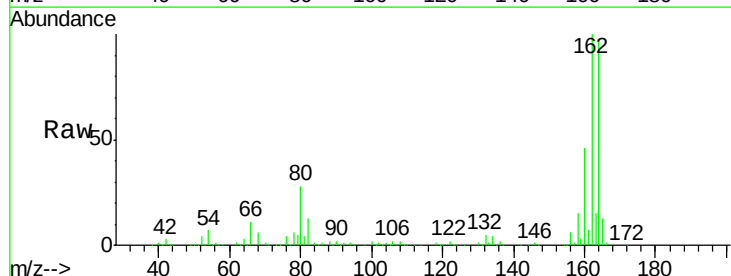


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

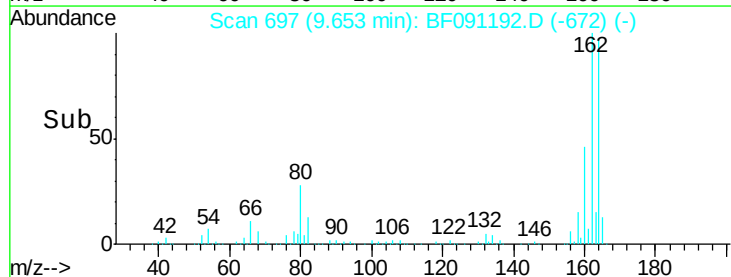
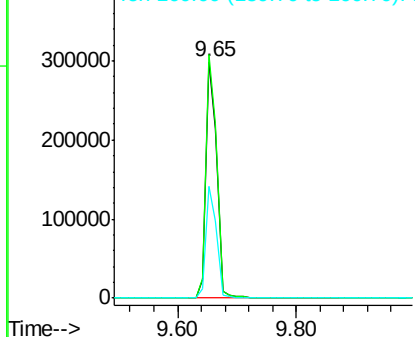


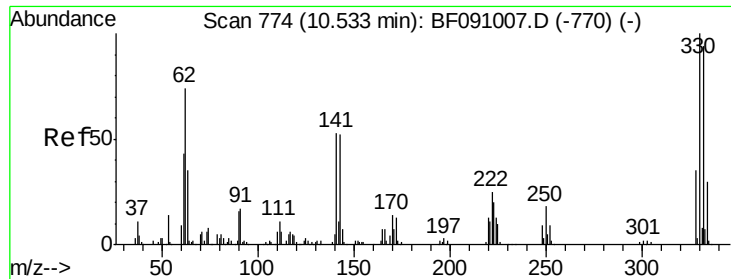
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF091192.D
 Acq: 16 Nov 2016 17:09

Tgt Ion:164 Resp: 383638
 Ion Ratio Lower Upper
 164 100
 162 103.0 83.6 125.4
 160 47.3 37.9 56.9



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

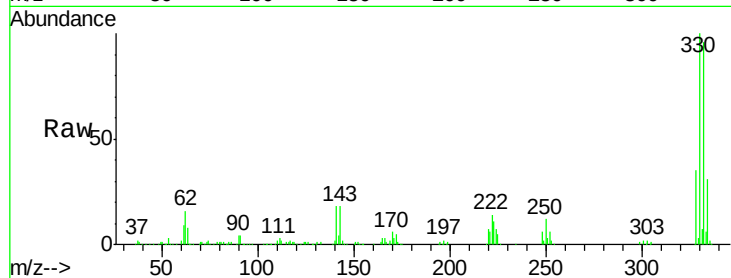




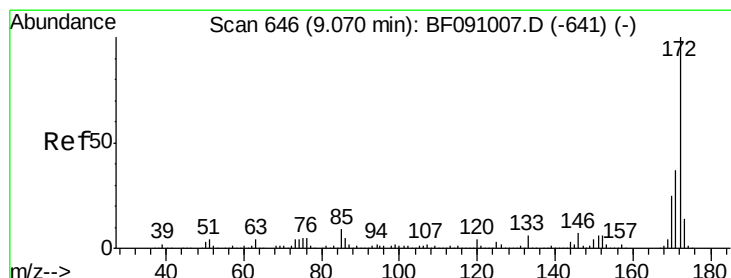
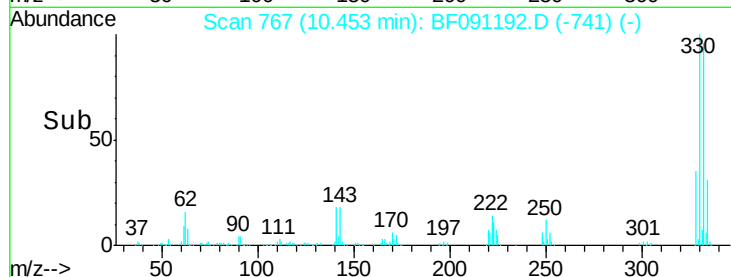
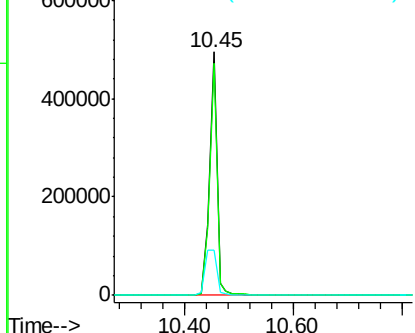
#41
 2,4,6-Tribromophenol
 Concen: 137.13 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF091192.D
 Acq: 16 Nov 2016 17:09

Instrument :
 BNA_F
 ClientSampleId :
 CPS043041

Tgt Ion:330 Resp: 475603
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.9 113.9
 141 29.8 36.1 54.1#

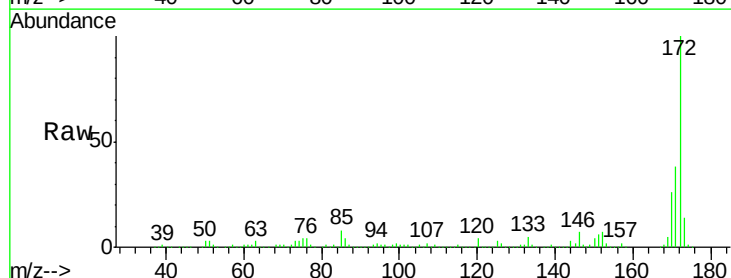


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

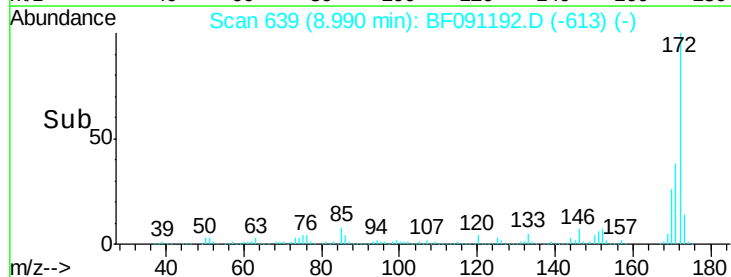
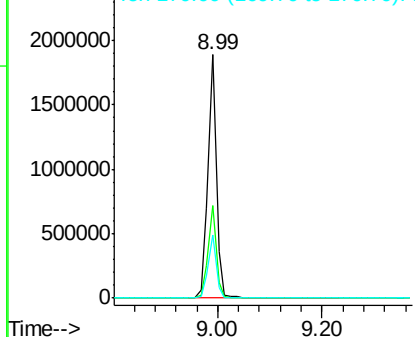


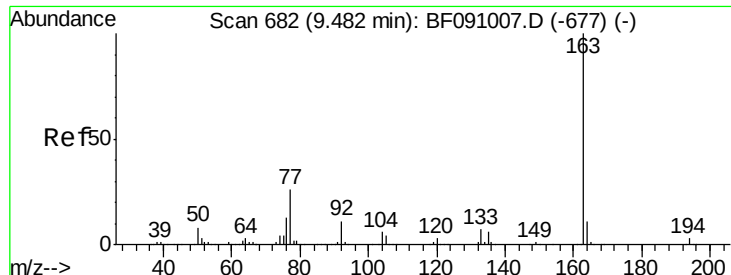
#44
 2-Fluorobiphenyl
 Concen: 96.00 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091192.D
 Acq: 16 Nov 2016 17:09

Tgt Ion:172 Resp: 2139105
 Ion Ratio Lower Upper
 172 100
 171 38.1 29.8 44.6
 170 26.2 20.3 30.5



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

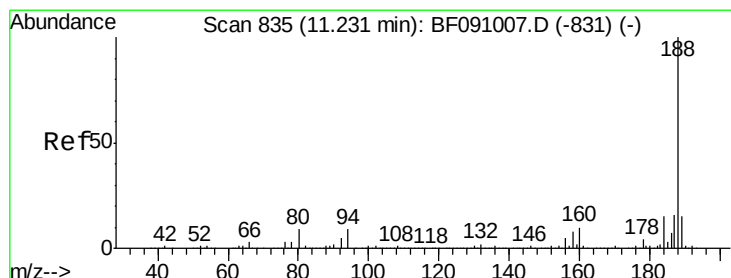
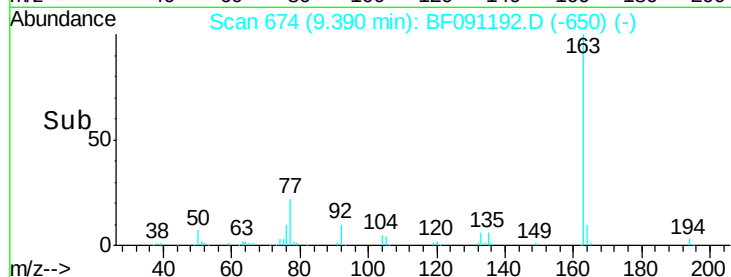
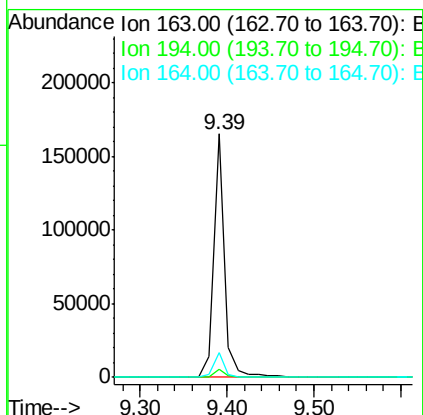
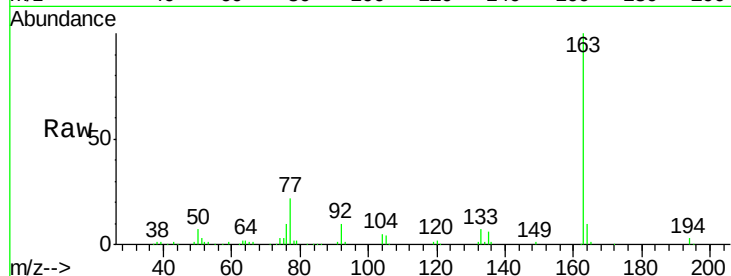




#49
Dimethylphthalate
Concen: 5.79 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

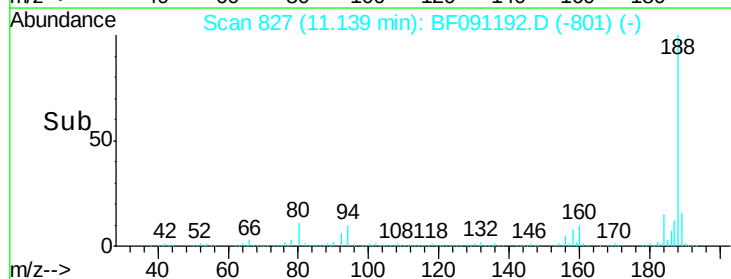
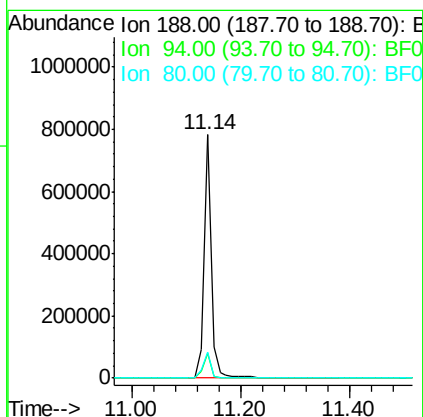
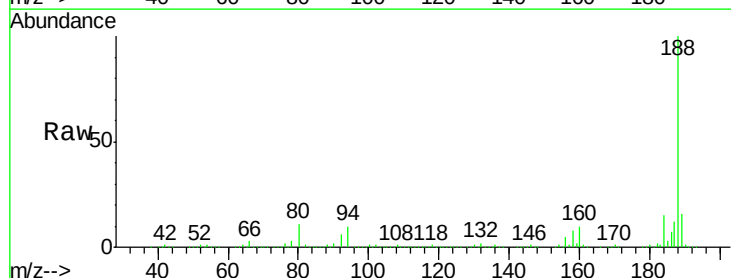
Instrument :
BNA_F
ClientSampleId :
CPS043041

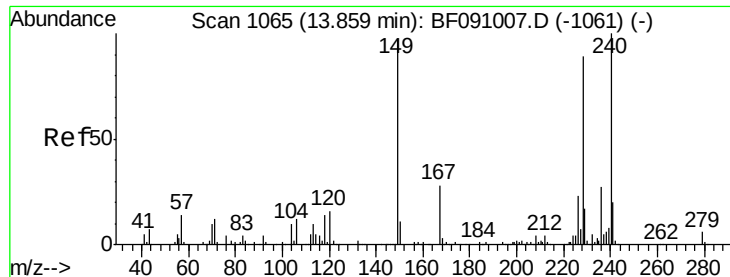
Tgt Ion:163 Resp: 145763
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.0 8.7 13.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Tgt Ion:188 Resp: 712099
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.4
80 10.9 7.5 11.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF091192.D

Acq: 16 Nov 2016 17:09

Instrument :

BNA_F

ClientSampleId :

CPS043041

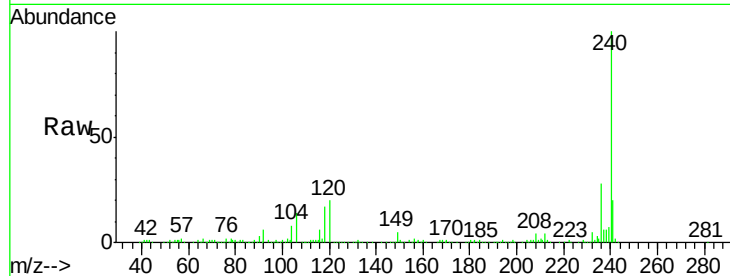
Tgt Ion:240 Resp: 568442

Ion Ratio Lower Upper

240 100

120 19.8 12.9 19.3#

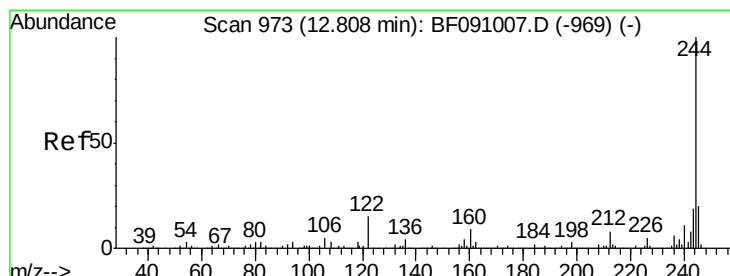
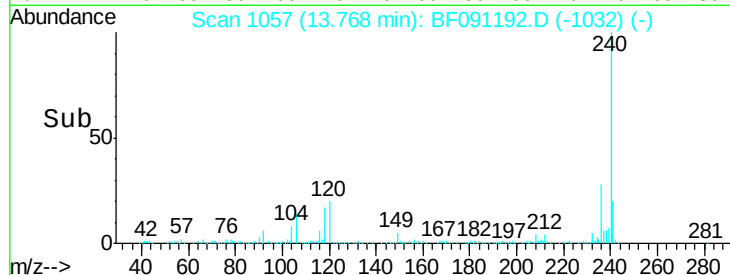
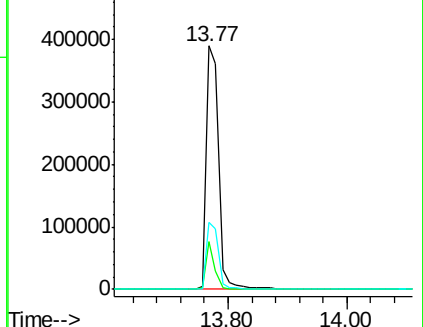
236 27.5 21.9 32.9



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: 108.09 ng

RT: 12.74 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF091192.D

Acq: 16 Nov 2016 17:09

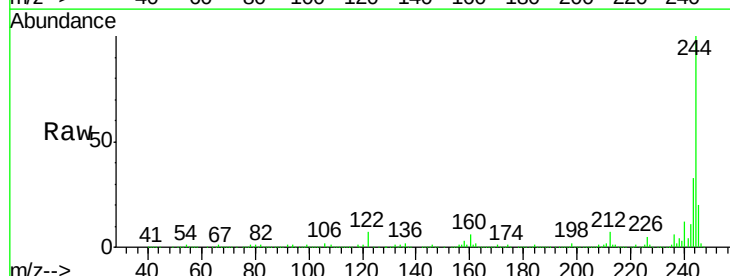
Tgt Ion:244 Resp: 2462278

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

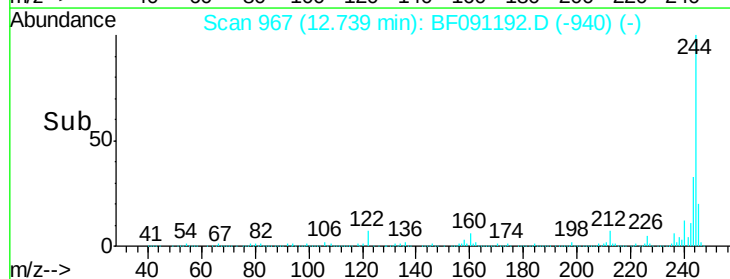
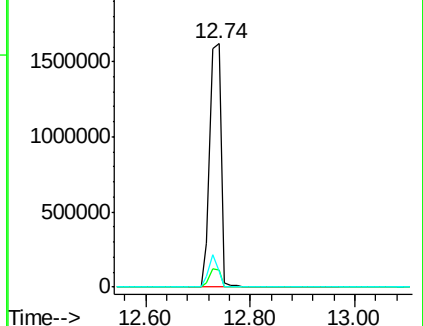
122 6.6 12.3 18.5#

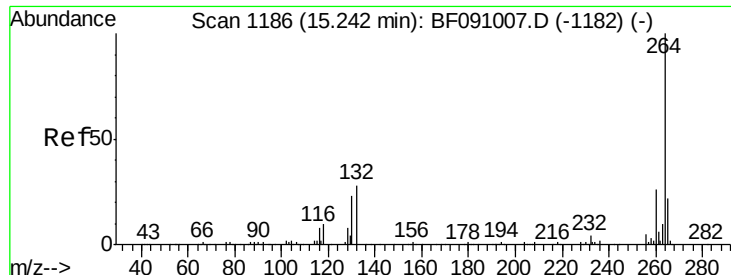


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.14 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF091192.D
Acq: 16 Nov 2016 17:09

Instrument :
BNA_F
ClientSampleId :
CPS043041

Tgt Ion:	264	Resp:	469145
Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.6	30.8
265	21.7	17.8	26.8

