

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
 Data File : BF091199.D
 Acq On : 16 Nov 2016 20:22
 Operator : UM/SJ
 Sample : H5636-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

Quant Time: Nov 17 00:46:57 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

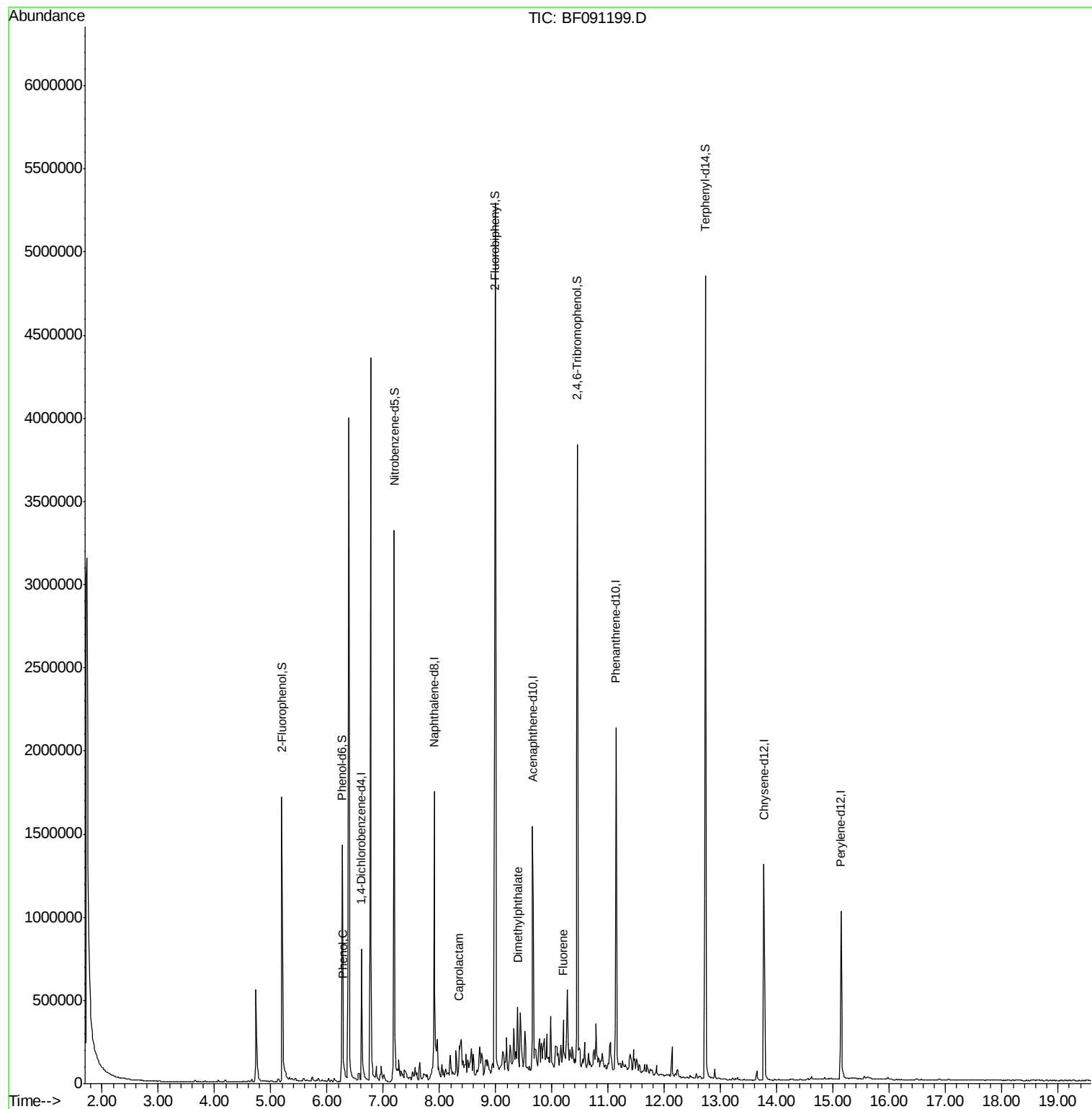
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	173520	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	748359	20.00	ng	-0.01
38) Acenaphthene-d10	9.65	164	395863	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	704901	20.00	ng	0.00
75) Chrysene-d12	13.77	240	539276	20.00	ng	-0.01
86) Perylene-d12	15.14	264	425305	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	675481	64.29	ng	0.00
7) Phenol-d6	6.27	99	553960	38.85	ng	-0.01
23) Nitrobenzene-d5	7.20	82	1458022	106.28	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	556707	155.55	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	1993380	86.69	ng	0.00
78) Terphenyl-d14	12.73	244	2310832	106.93	ng	0.00
Target Compounds						
10) Phenol	6.28	94	36873	2.34	ng	# 72
35) Caprolactam	8.35	113	21191	7.29	ng	# 79
49) Dimethylphthalate	9.39	163	140831	5.43	ng	99
57) Fluorene	10.20	166	49827	2.11	ng	# 93

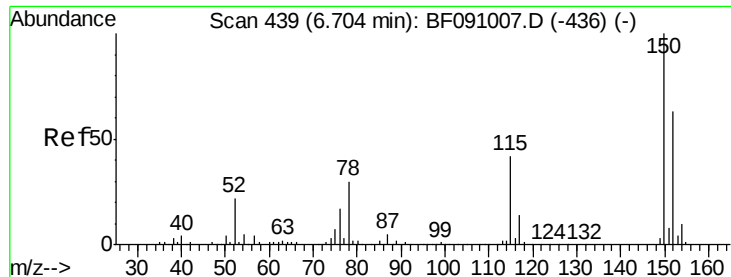
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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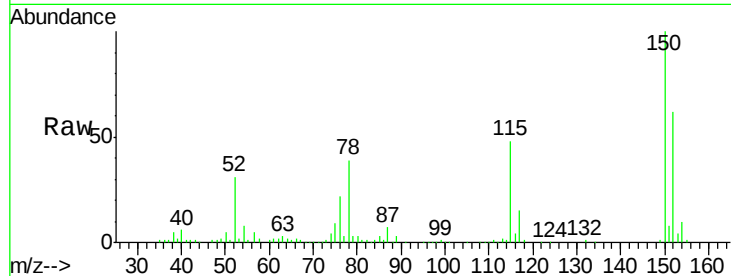


#1

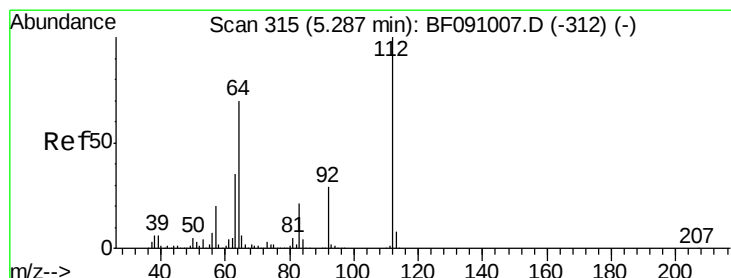
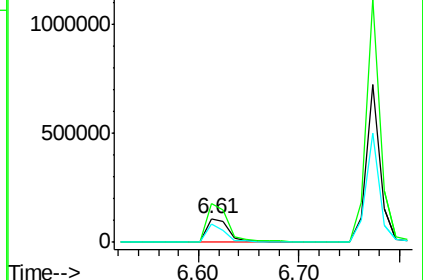
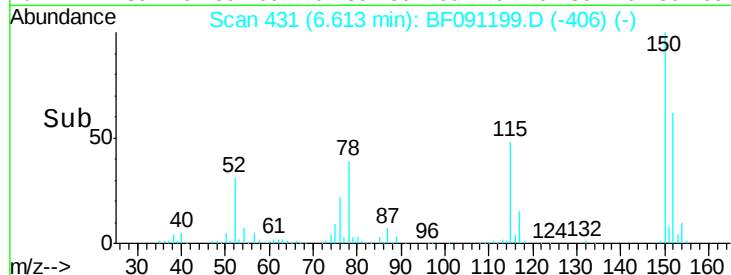
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF091199.D
Acq: 16 Nov 2016 20:22

Instrument :
BNA_F
ClientSampleId :
C19023041

Tgt Ion:152 Resp: 173520
Ion Ratio Lower Upper
152 100
150 160.6 126.8 190.2
115 76.8 53.3 79.9



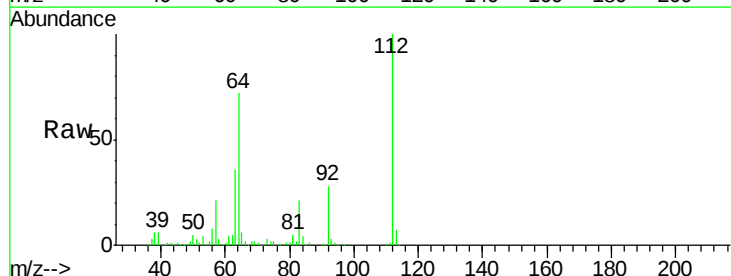
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



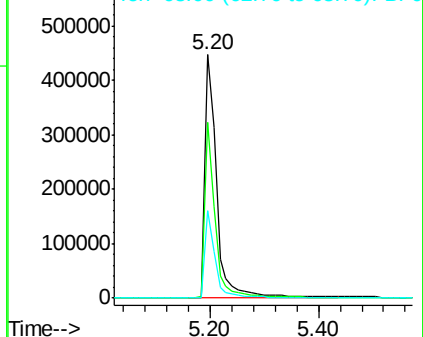
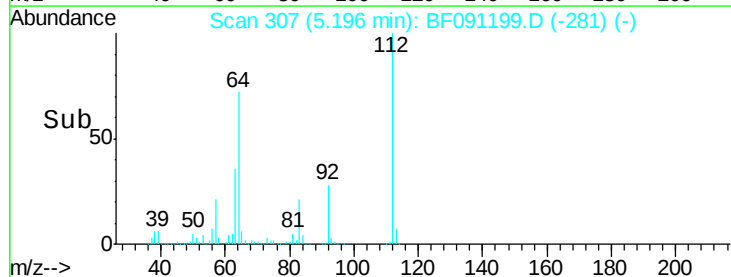
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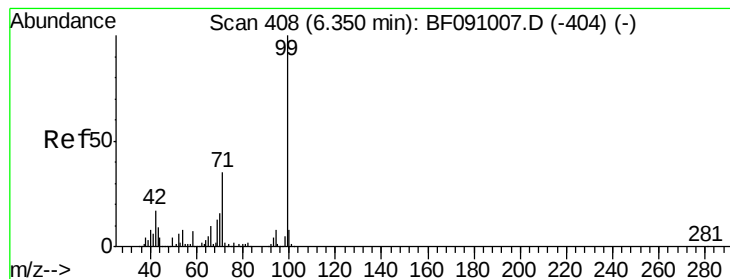
2-Fluorophenol
Concen: 64.29 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.00 min
Lab File: BF091199.D
Acq: 16 Nov 2016 20:22

Tgt Ion:112 Resp: 675481
Ion Ratio Lower Upper
112 100
64 72.0 55.8 83.6
63 35.9 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: 38.85 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

Instrument :

BNA_F

ClientSampleId :

C19023041

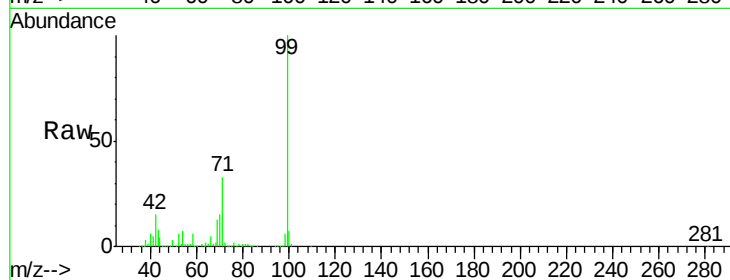
Tgt Ion: 99 Resp: 553960

Ion Ratio Lower Upper

99 100

42 15.5 13.9 20.9

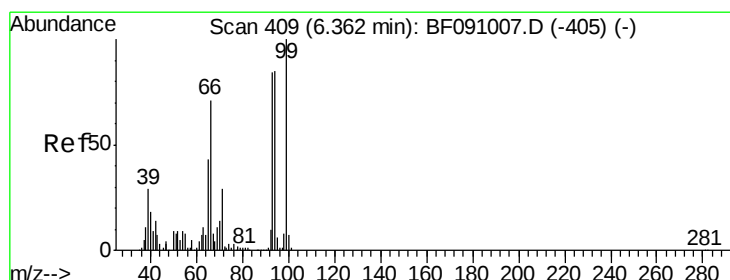
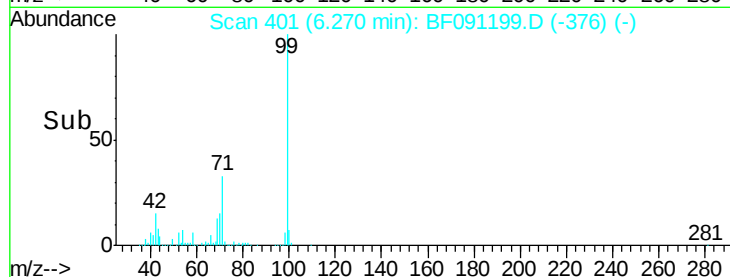
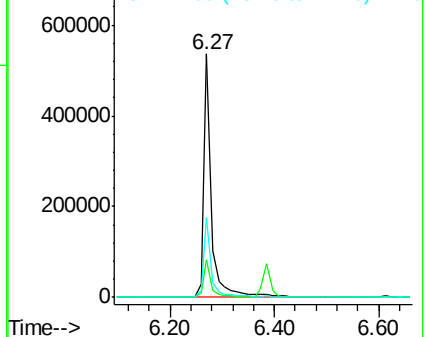
71 32.7 27.8 41.8



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: 2.34 ng

RT: 6.28 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

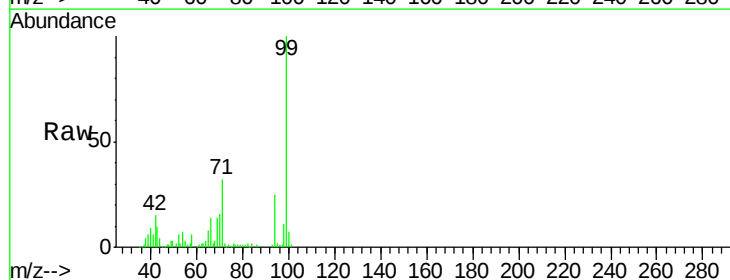
Tgt Ion: 94 Resp: 36873

Ion Ratio Lower Upper

94 100

65 33.0 30.4 70.4

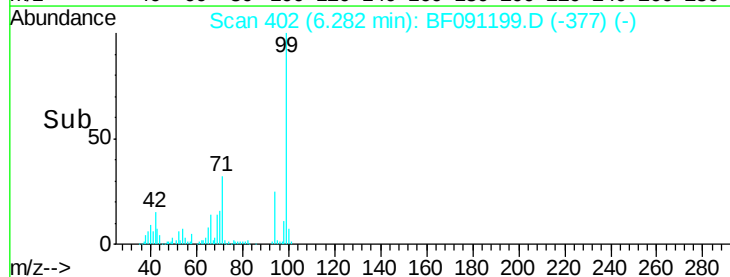
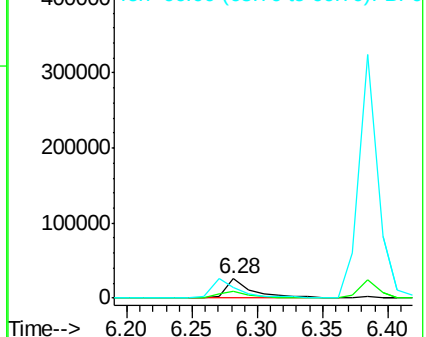
66 56.5 62.9 102.9#

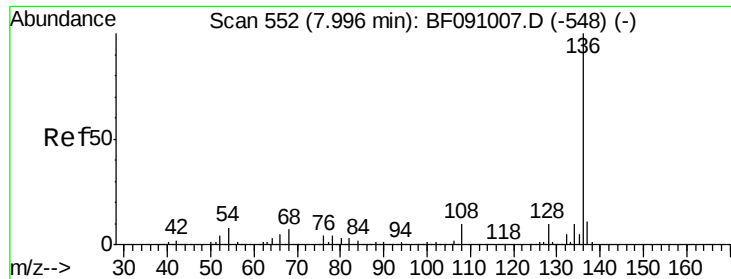


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

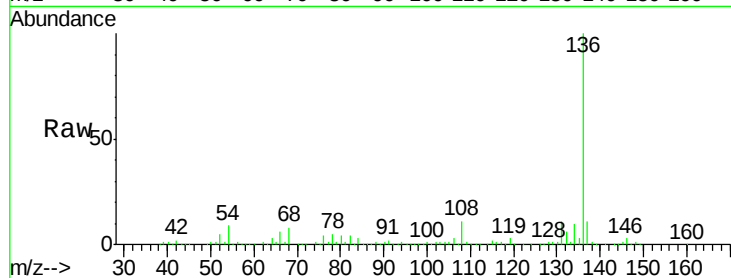




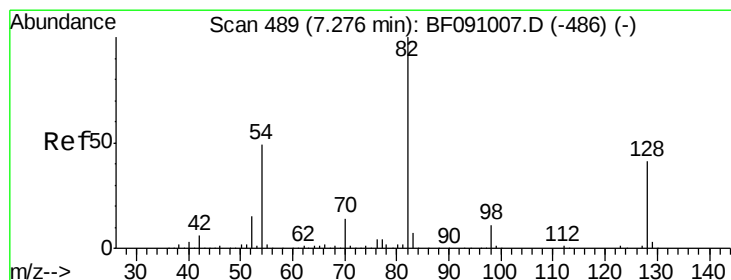
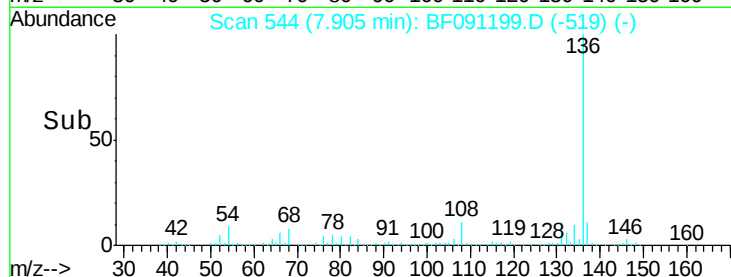
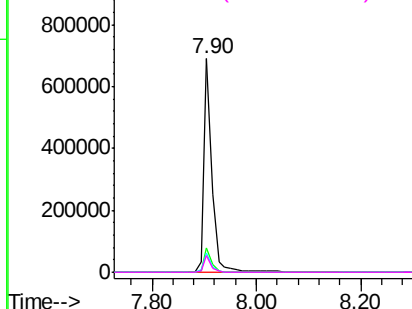
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF091199.D
Acq: 16 Nov 2016 20:22

Instrument :
BNA_F
ClientSampleId :
C19023041

Tgt Ion:	136	Resp:	748359
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.3	6.2	9.2#
68	7.9	5.5	8.3

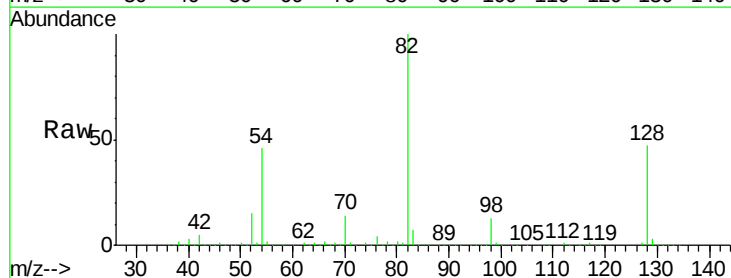


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

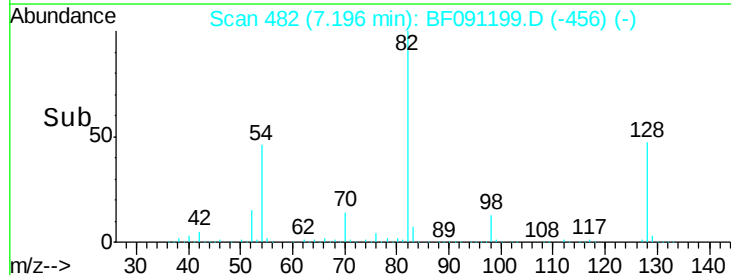
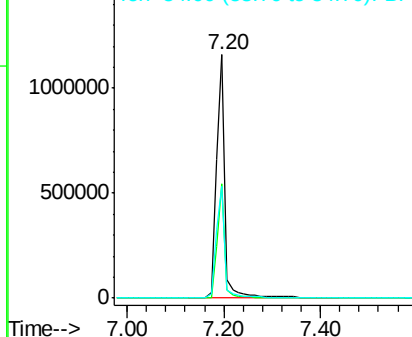


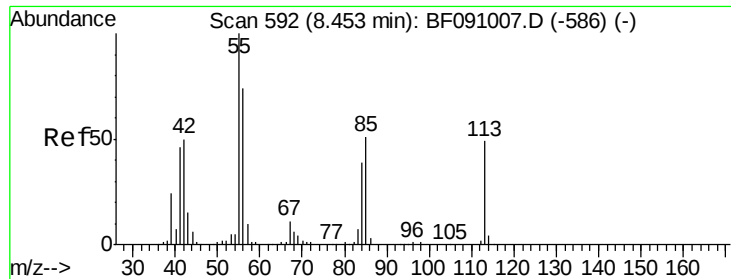
#23
Nitrobenzene-d5
Concen: 106.28 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF091199.D
Acq: 16 Nov 2016 20:22

Tgt Ion:	82	Resp:	1458022
Ion	Ratio	Lower	Upper
82	100		
128	46.8	32.4	48.6
54	45.9	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

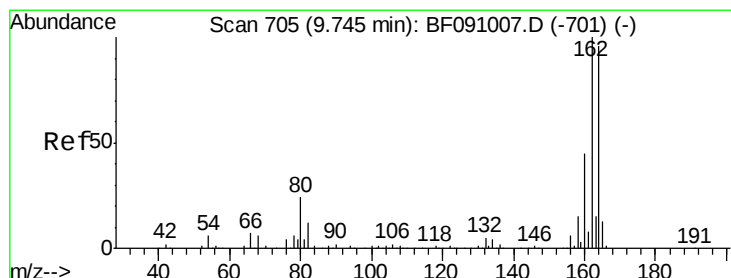
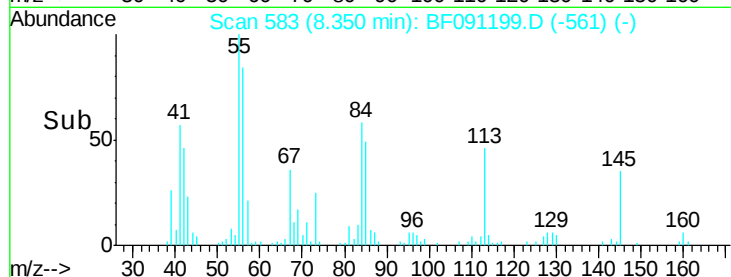
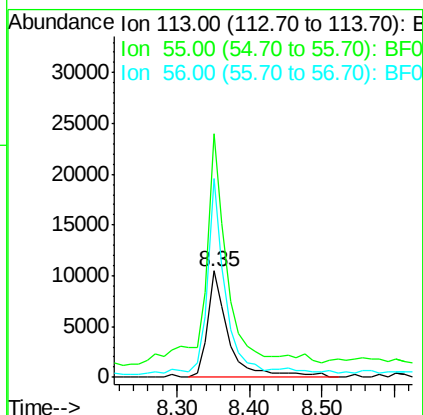
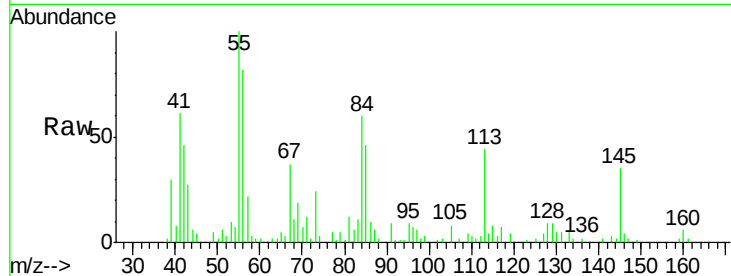




#35
 Caprolactam
 Concen: 7.29 ng
 RT: 8.35 min Scan# 583
 Delta R.T. -0.05 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

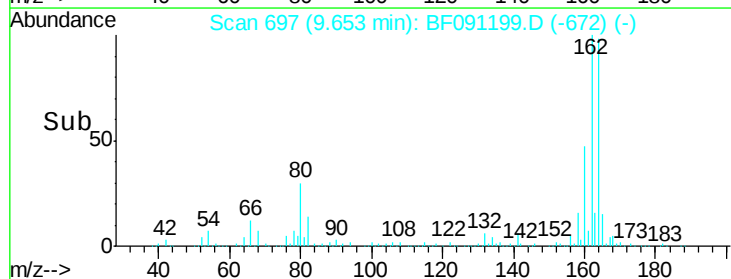
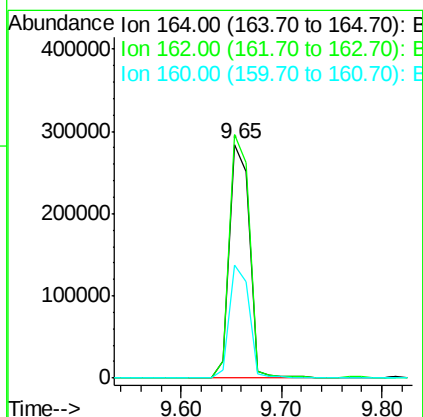
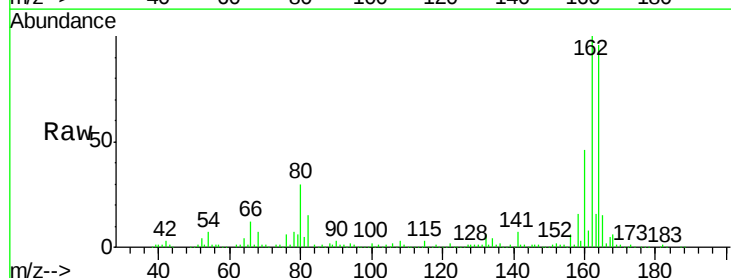
Instrument :
 BNA_F
 ClientSampleId :
 C19023041

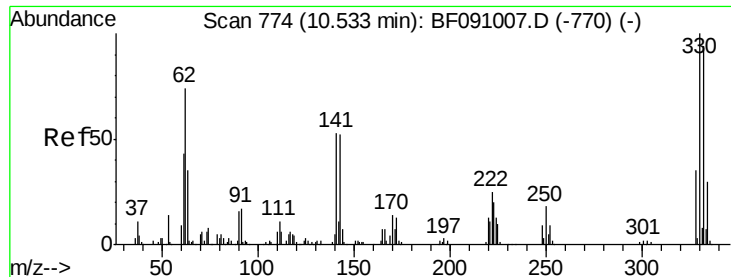
Tgt Ion:113 Resp: 21191
 Ion Ratio Lower Upper
 113 100
 55 228.8 184.1 224.1#
 56 186.5 132.0 172.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.65 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

Tgt Ion:164 Resp: 395863
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.6 125.4
 160 48.3 37.9 56.9

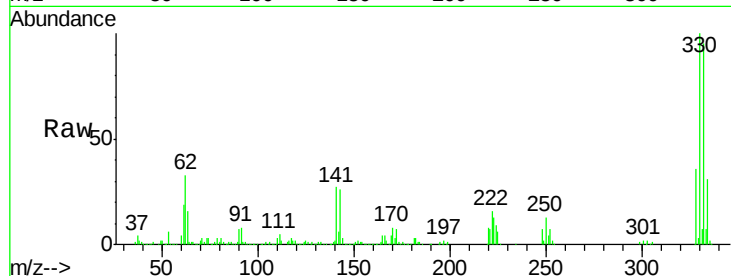




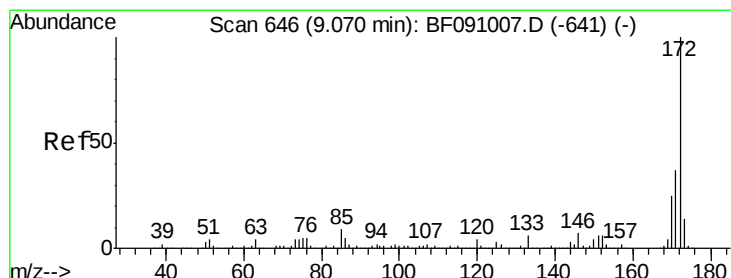
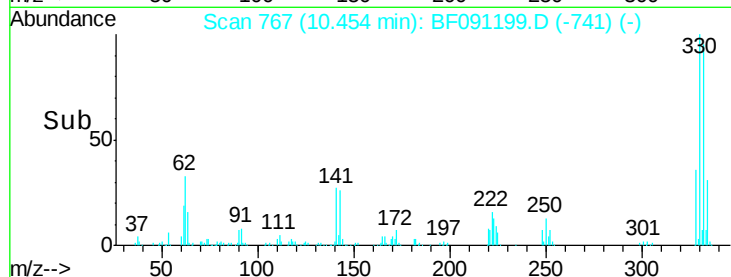
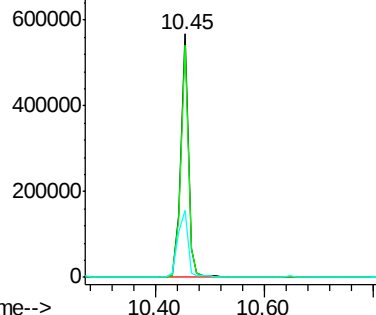
#41
 2,4,6-Tribromophenol
 Concen: 155.55 ng
 RT: 10.45 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

Tgt Ion:330 Resp: 556707
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.9 113.9
 141 35.5 36.1 54.1#

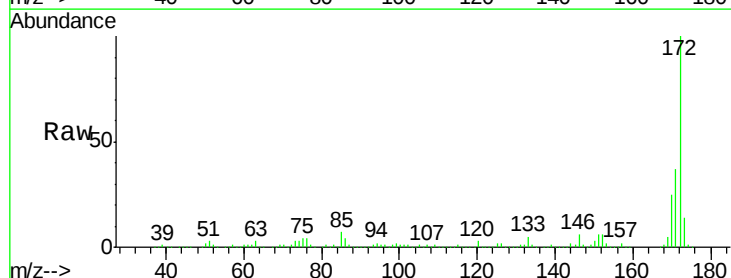


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

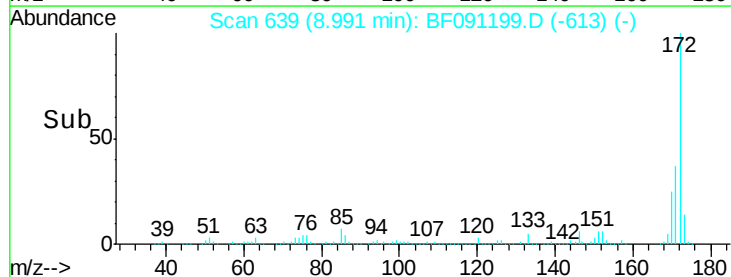
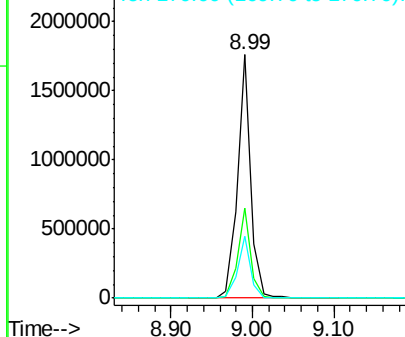


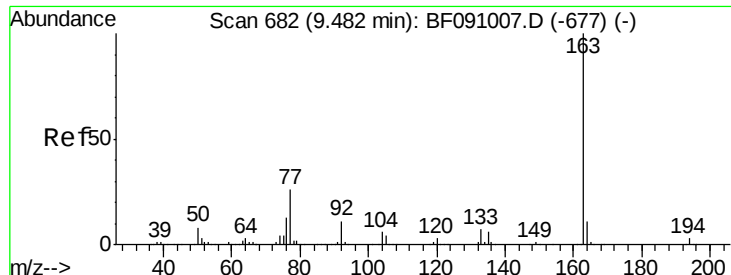
#44
 2-Fluorobiphenyl
 Concen: 86.69 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

Tgt Ion:172 Resp: 1993380
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.8 44.6
 170 25.5 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

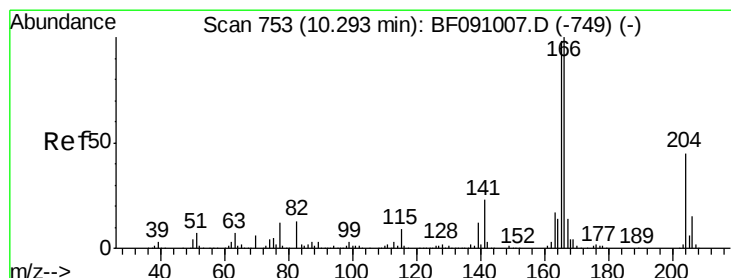
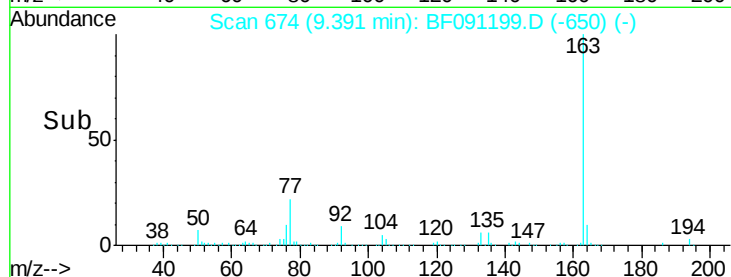
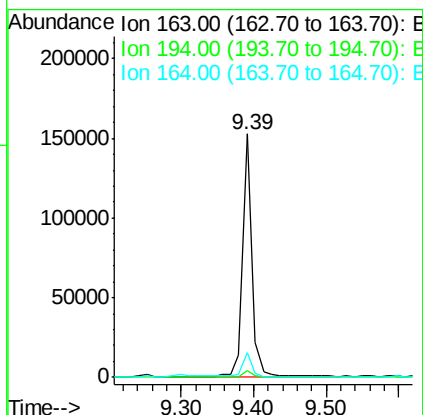
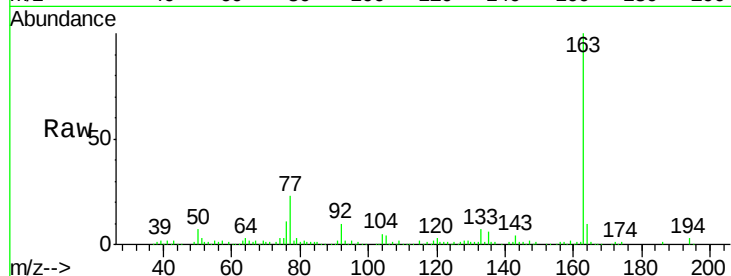




#49
Dimethylphthalate
Concen: 5.43 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091199.D
Acq: 16 Nov 2016 20:22

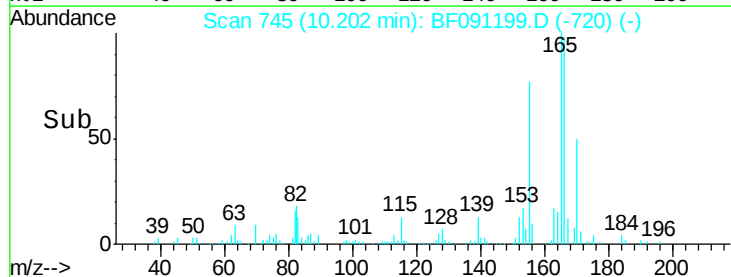
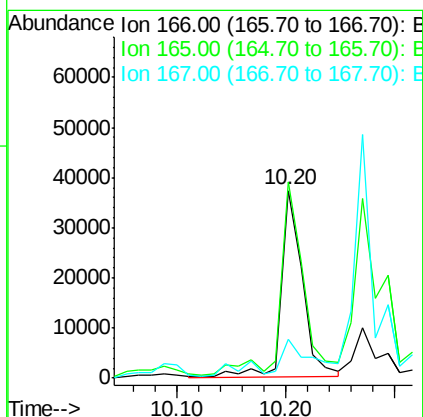
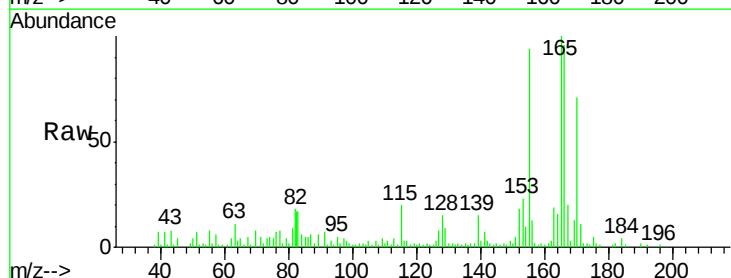
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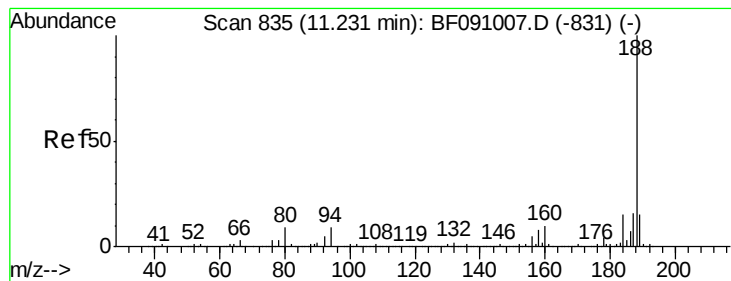
Tgt Ion:163 Resp: 140831
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.3 8.7 13.1



#57
Fluorene
Concen: 2.11 ng
RT: 10.20 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091199.D
Acq: 16 Nov 2016 20:22

Tgt Ion:166 Resp: 49827
Ion Ratio Lower Upper
166 100
165 104.3 78.6 118.0
167 20.8 11.1 16.7#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

Instrument :

BNA_F

ClientSampleId :

C19023041

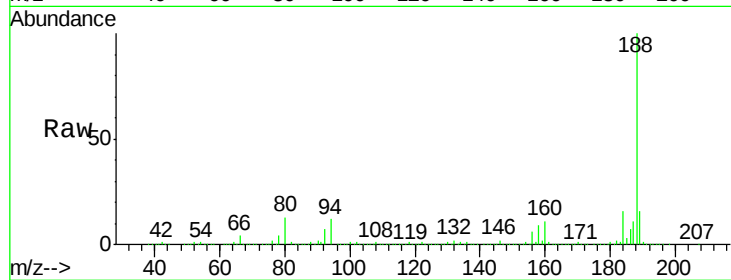
Tgt Ion:188 Resp: 704901

Ion Ratio Lower Upper

188 100

94 12.1 7.0 10.4#

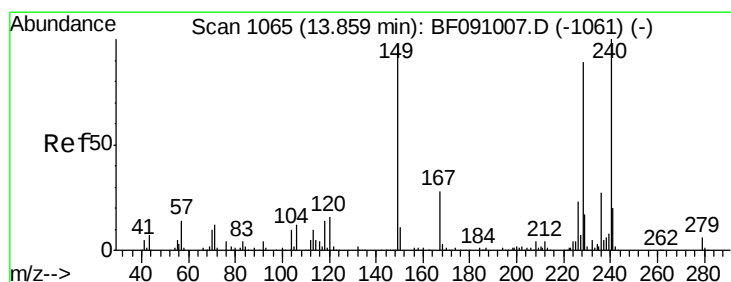
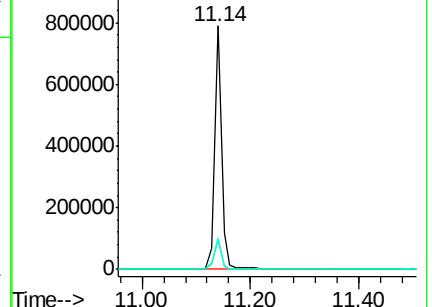
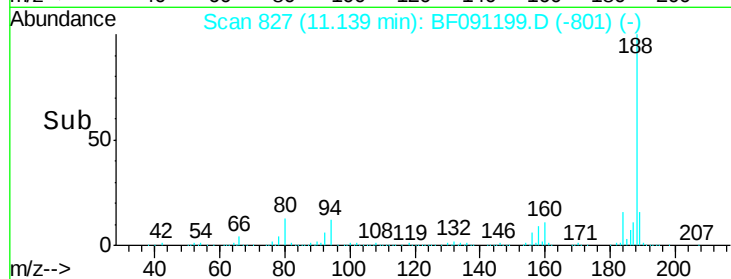
80 12.9 7.5 11.3#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BF091199.D

Acq: 16 Nov 2016 20:22

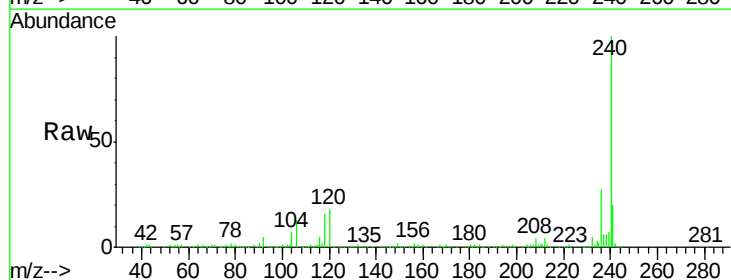
Tgt Ion:240 Resp: 539276

Ion Ratio Lower Upper

240 100

120 18.1 12.9 19.3

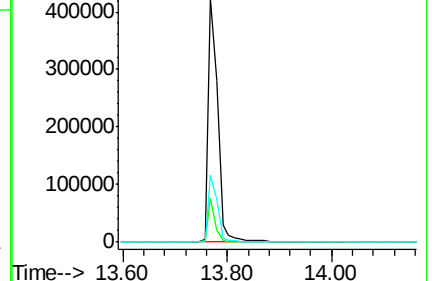
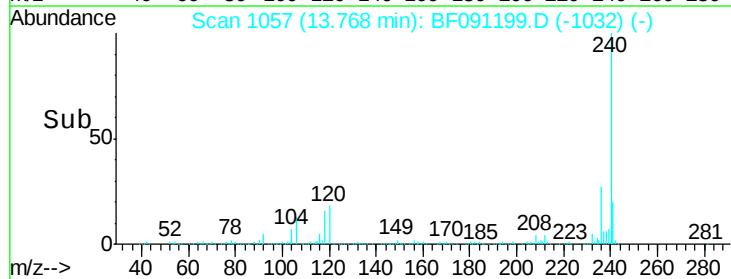
236 27.4 21.9 32.9

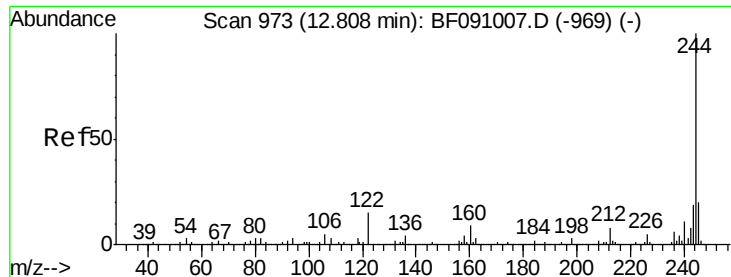


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

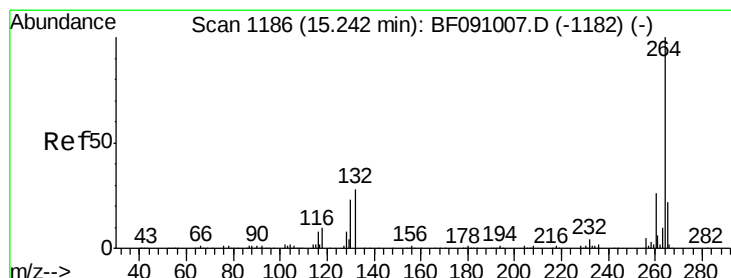
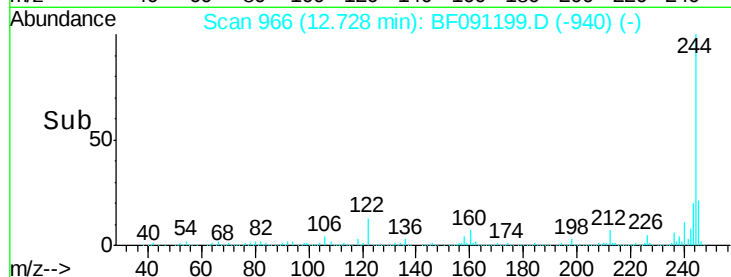
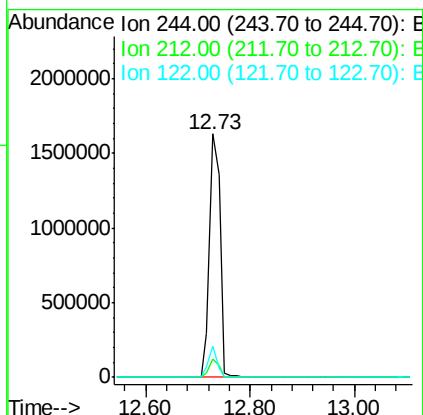
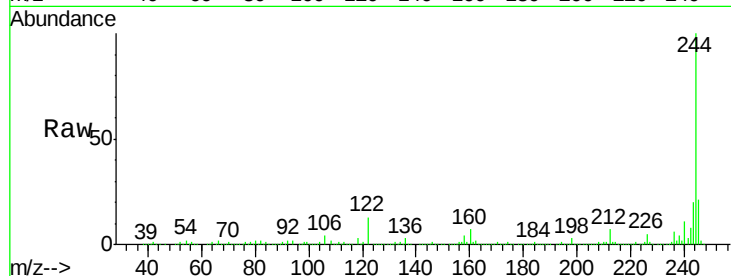




#78
 Terphenyl-d14
 Concen: 106.93 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

Instrument :
 BNA_F
 ClientSampleId :
 C19023041

Tgt Ion:244 Resp: 2310832
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 12.9 12.3 18.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF091199.D
 Acq: 16 Nov 2016 20:22

Tgt Ion:264 Resp: 425305
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.6 30.8
 265 21.8 17.8 26.8

