

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092393.D
 Acq On : 21 Jan 2017 3:09
 Operator : UM/SJ
 Sample : I1326-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-A

Quant Time: Jan 21 03:52:34 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

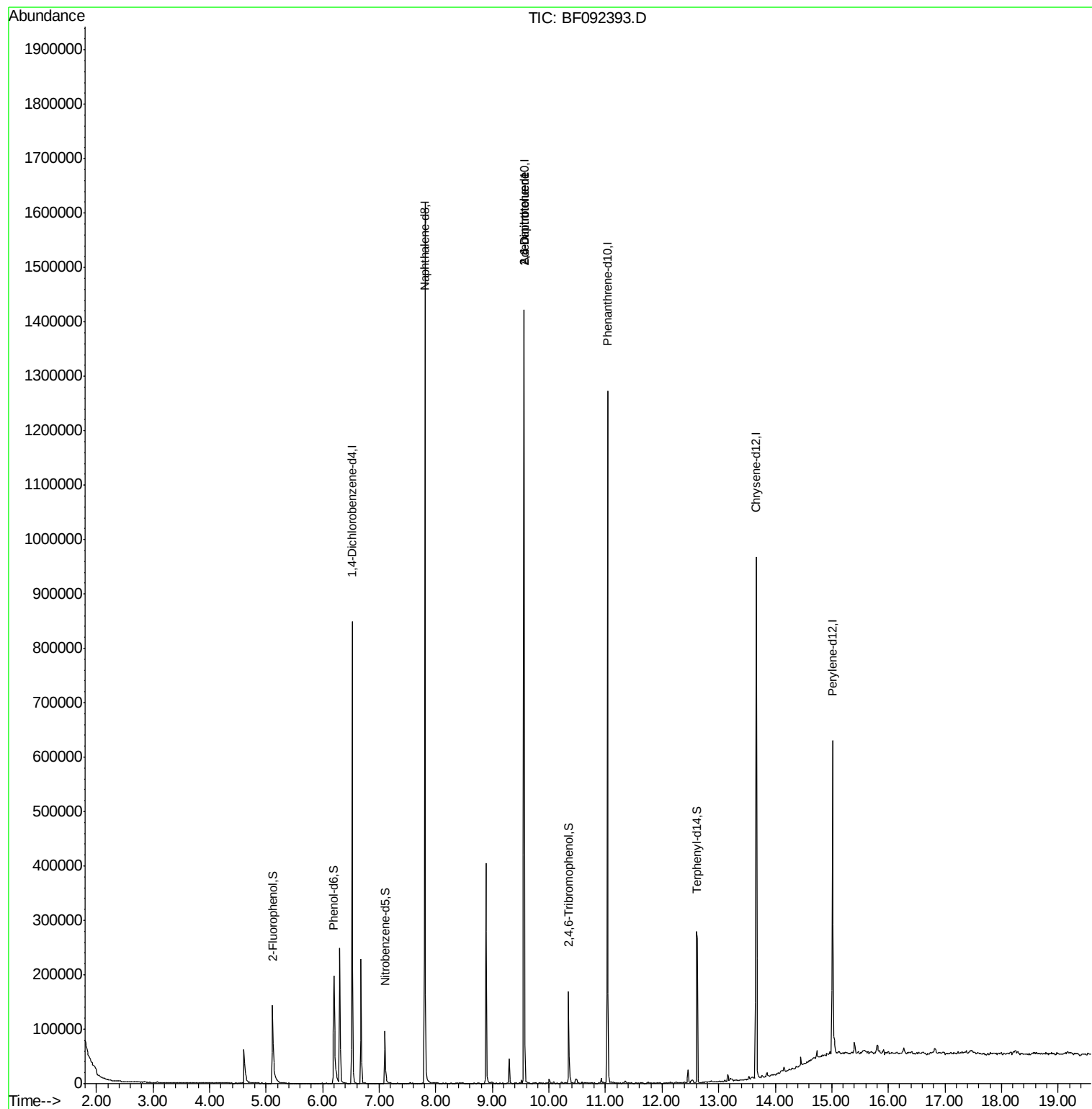
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	134323	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	727324	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	322598	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	460537	20.00	ng	0.00
75) Chrysene-d12	13.66	240	342481	20.00	ng	0.00
86) Perylene-d12	15.01	264	245132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	80108	9.96	ng	0.02
7) Phenol-d6	6.20	99	118933	12.11	ng	0.01
23) Nitrobenzene-d5	7.10	82	54697	4.18	ng	0.00
41) 2,4,6-Tribromophenol	10.35	330	24141	9.04	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	176345	-2.00	ng	-0.01
78) Terphenyl-d14	12.62	244	137465	9.73	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.56	165	41018	9.08	ng	# 30
56) 2,4-Dinitrotoluene	9.56	165	41018	7.24	ng	# 19
71) Anthracene	11.11	178	485	Below Cal	#	59
73) Di-n-butylphthalate	11.62	149	307	Below Cal	#	76
74) Fluoranthene	12.25	202	1106	Below Cal	#	73
76) Benzidine	12.61	184	1667	Below Cal	#	65

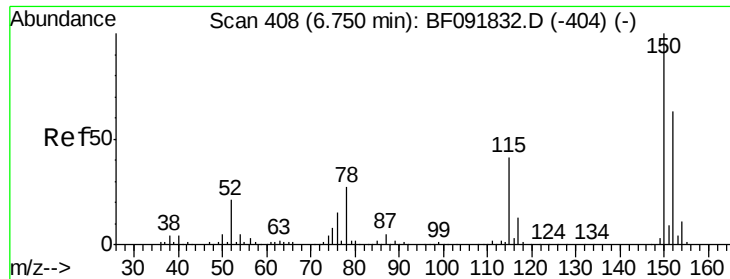
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF092393.D

Acq: 21 Jan 2017 3:09

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BNA_F

ClientSampleId :

FK-GF-02-001-A

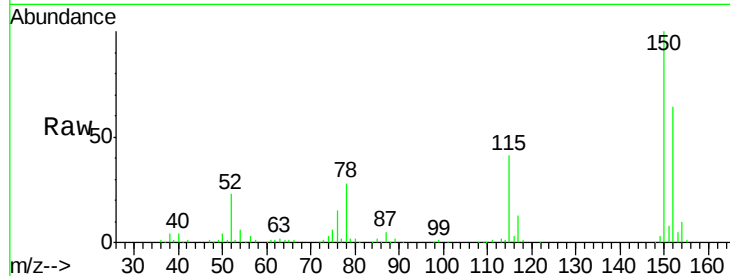
Tgt Ion:152 Resp: 134323

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

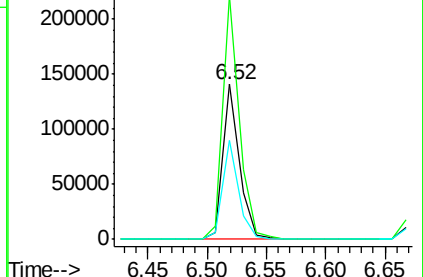
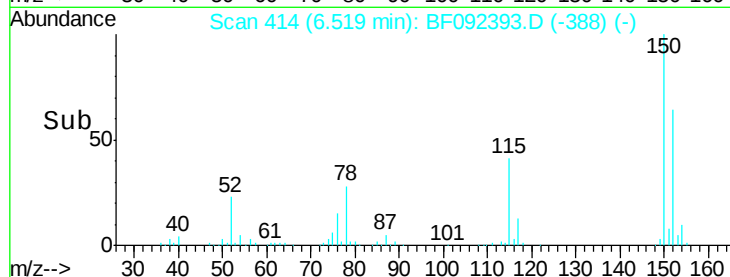
115 63.9 46.0 69.0



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: 9.96 ng

RT: 5.11 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF092393.D

Acq: 21 Jan 2017 3:09

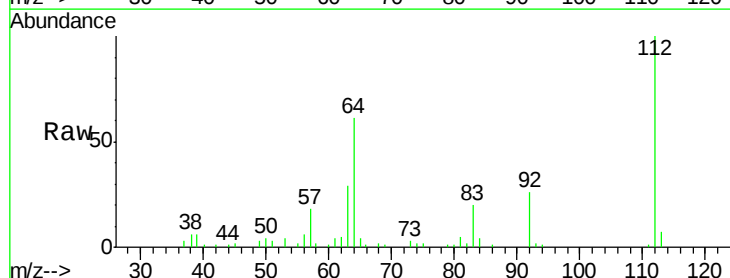
Tgt Ion:112 Resp: 80108

Ion Ratio Lower Upper

112 100

64 60.7 46.1 69.1

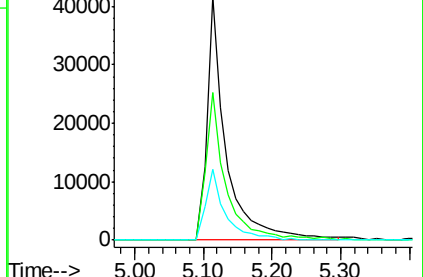
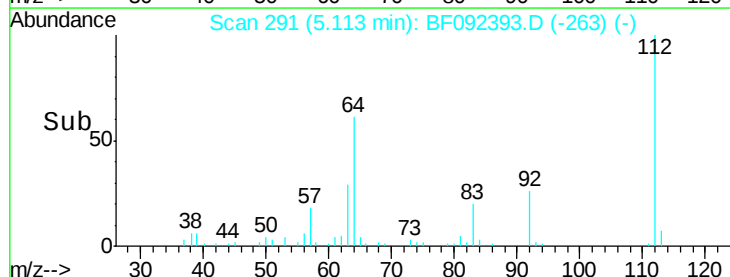
63 29.3 23.8 35.6



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: 12.11 ng

RT: 6.20 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF092393.D

Acq: 21 Jan 2017 3:09

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-A

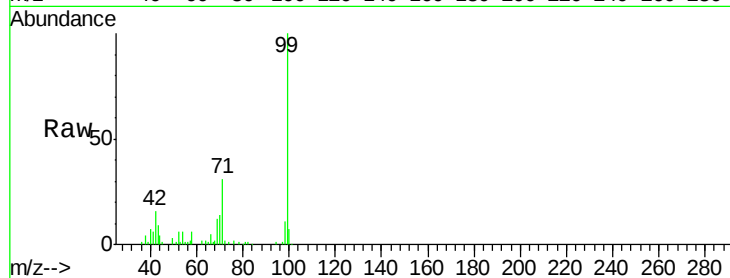
Tgt Ion: 99 Resp: 118933

Ion Ratio Lower Upper

99 100

42 15.9 15.6 23.4

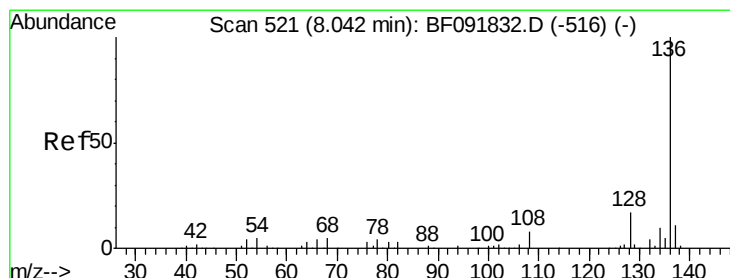
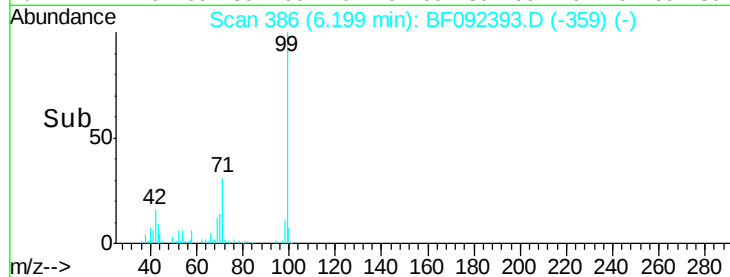
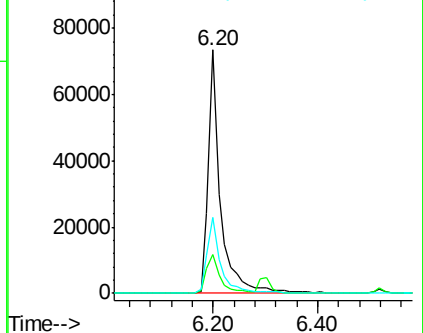
71 31.1 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.81 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF092393.D

Acq: 21 Jan 2017 3:09

Tgt Ion: 136 Resp: 727324

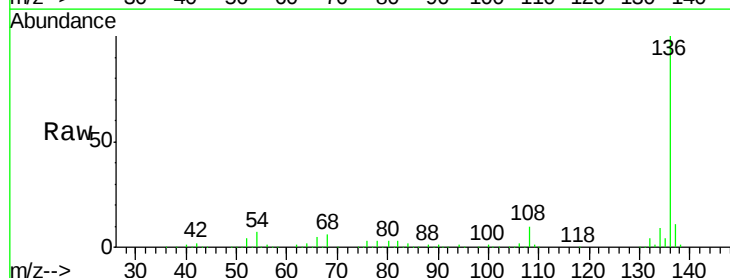
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 7.2 4.5 6.7#

68 5.9 3.6 5.4#

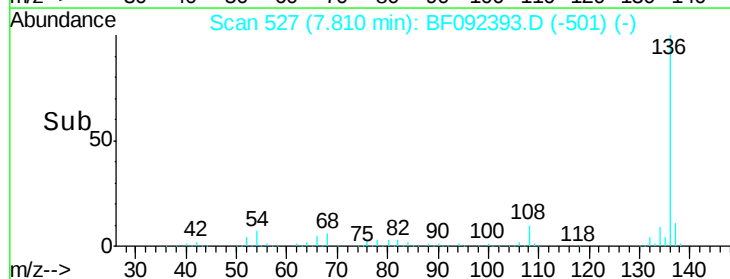
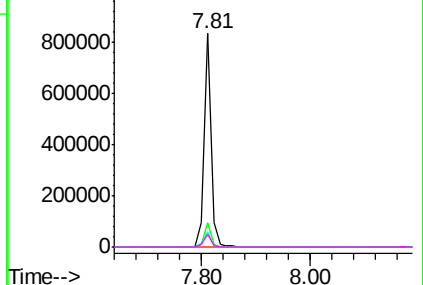


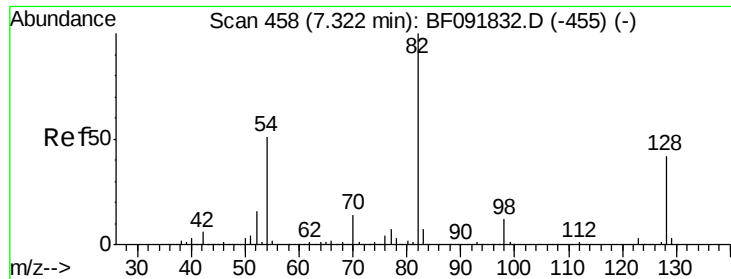
Abundance Ion 136.00 (135.70 to 136.70): E

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

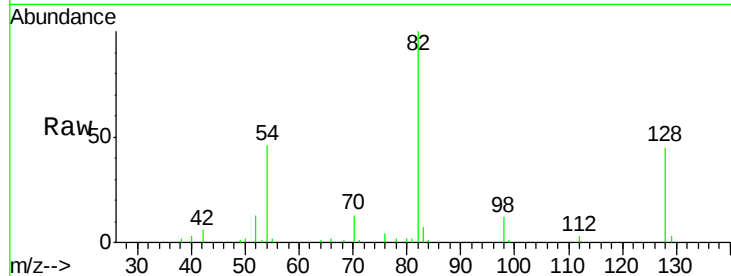




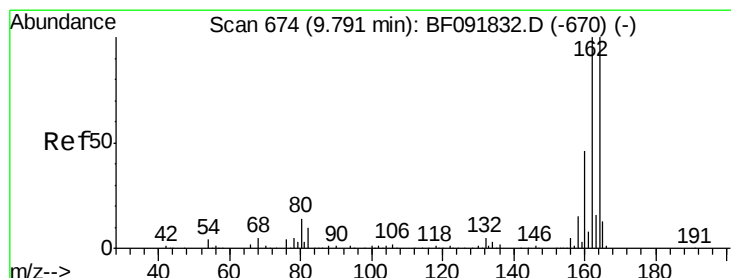
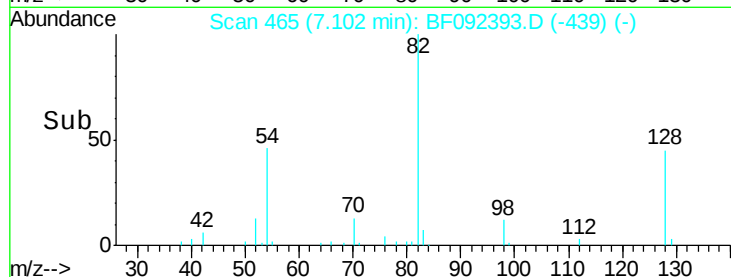
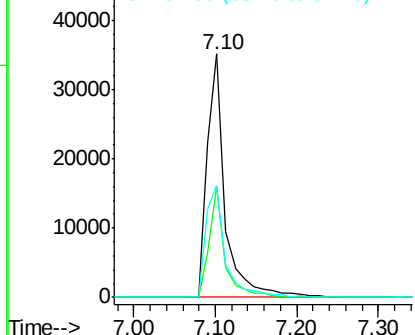
#23
 Nitrobenzene-d5
 Concen: 4.18 ng
 RT: 7.10 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: BF092393.D
 Acq: 21 Jan 2017 3:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	52.0
54	46.2	39.5	59.3

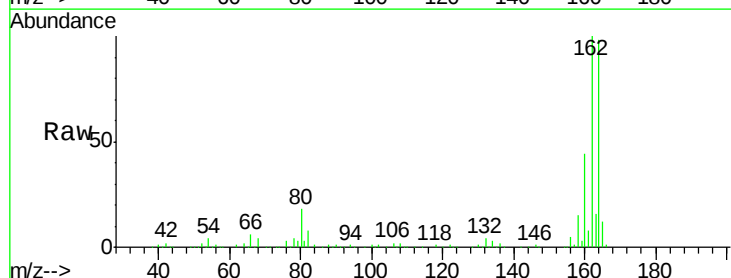


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

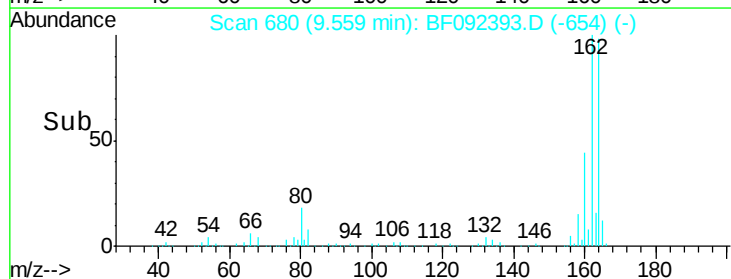
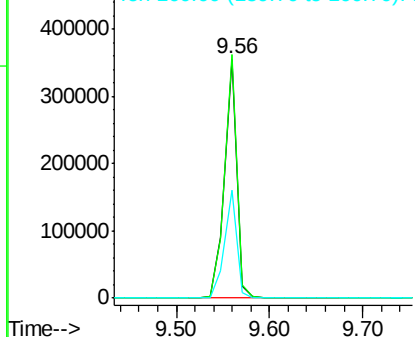


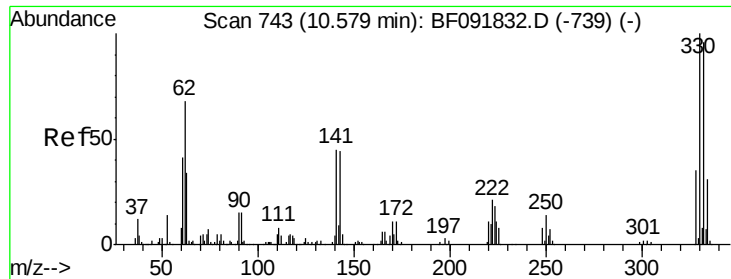
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF092393.D
 Acq: 21 Jan 2017 3:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	45.1	36.9	55.3



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

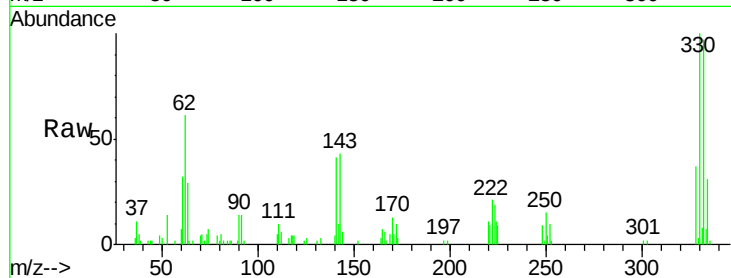




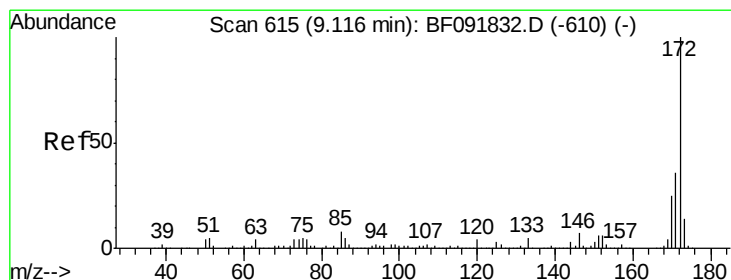
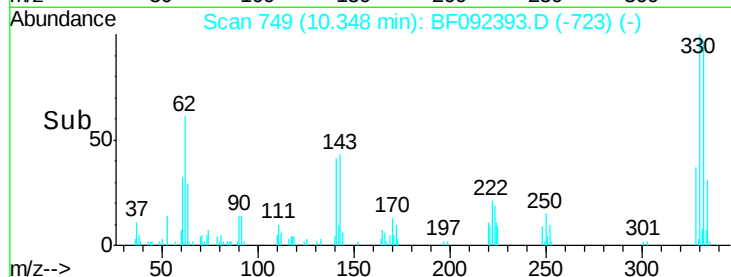
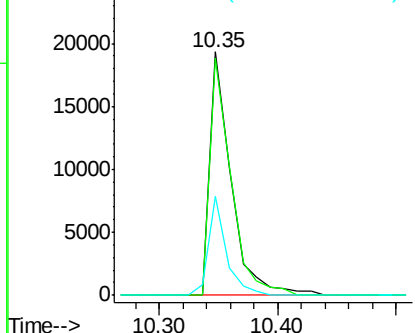
#41
 2,4,6-Tribromophenol
 Concen: 9.04 ng
 RT: 10.35 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF092393.D
 Acq: 21 Jan 2017 3:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-A

Tgt Ion:330 Resp: 24141
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 33.6 34.1 51.1#

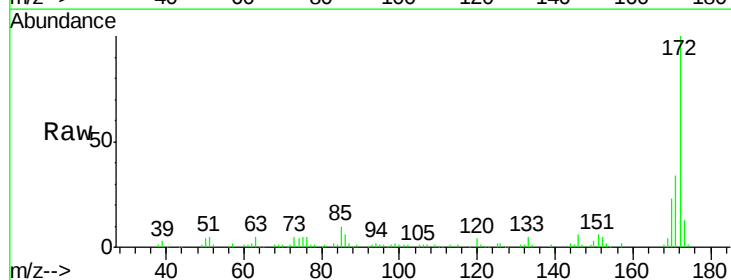


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

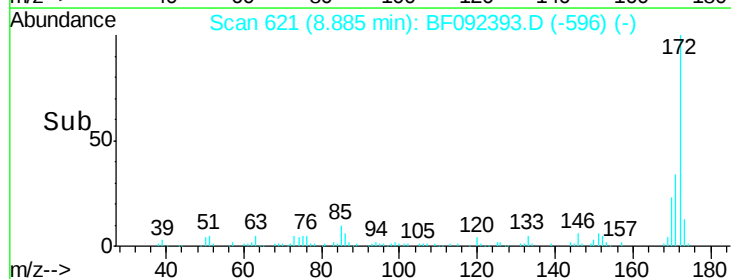
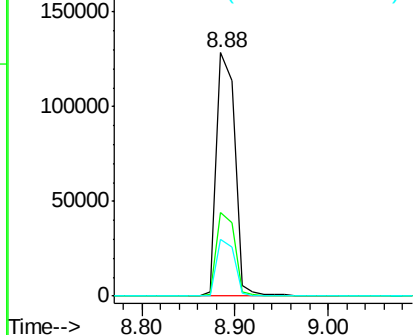


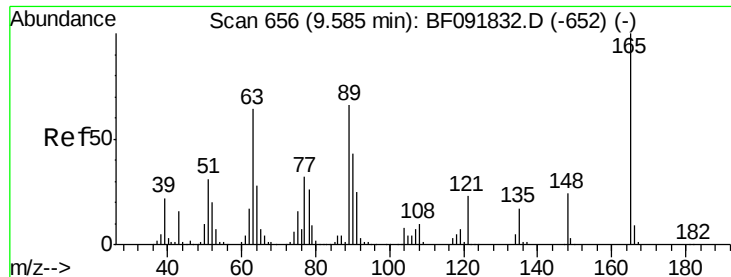
#44
 2-Fluorobiphenyl
 Concen: -2.00 ng
 RT: 8.88 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF092393.D
 Acq: 21 Jan 2017 3:09

Tgt Ion:172 Resp: 176345
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.4 44.0
 170 23.5 20.2 30.4



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

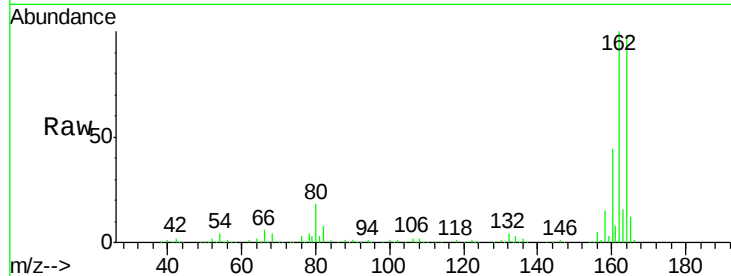




#50
 2,6-Dinitrotoluene
 Concen: 9.08 ng
 RT: 9.56 min Scan# 680
 Delta R.T. 0.19 min
 Lab File: BF092393.D
 Acq: 21 Jan 2017 3:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-001-A

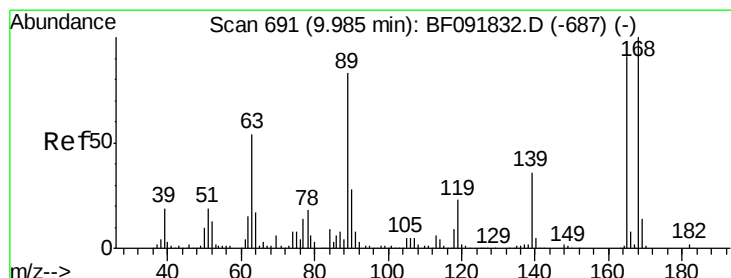
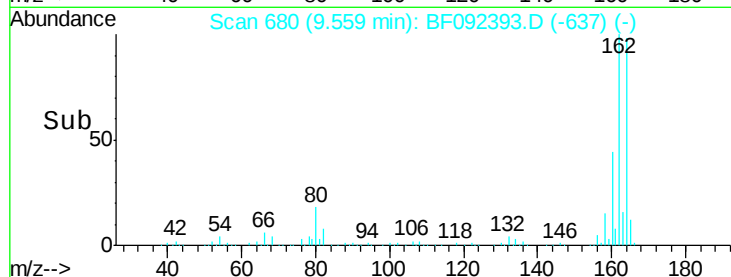
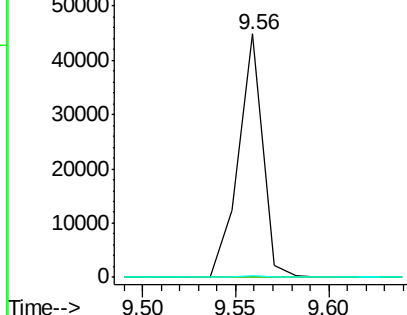
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.7	40.2	60.4#



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: 7.24 ng
 RT: 9.56 min Scan# 680
 Delta R.T. -0.22 min
 Lab File: BF092393.D
 Acq: 21 Jan 2017 3:09

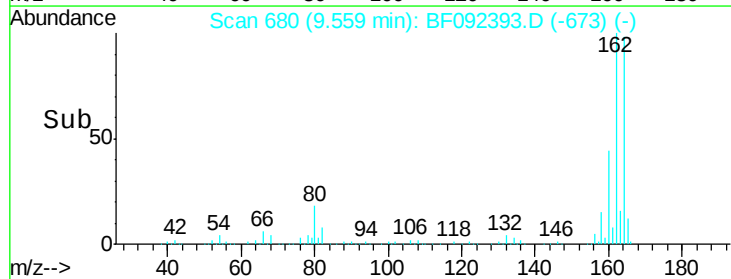
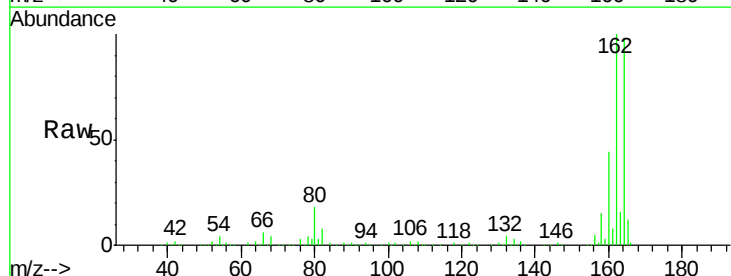
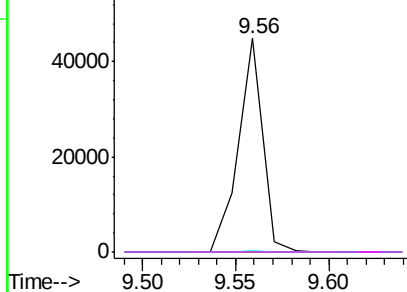
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.7	62.5	93.7#
182	0.0	1.8	2.8#

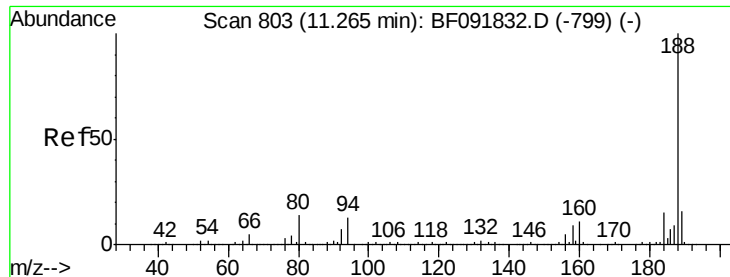
Abundance Ion 165.00 (164.70 to 165.70): E

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

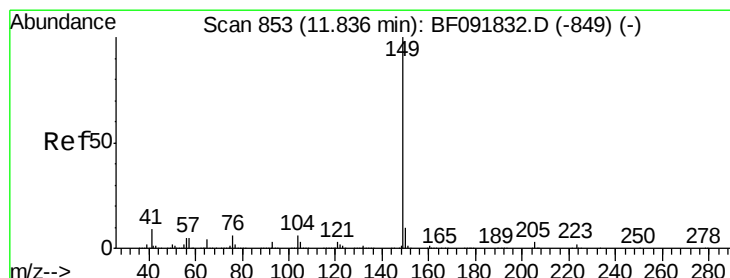
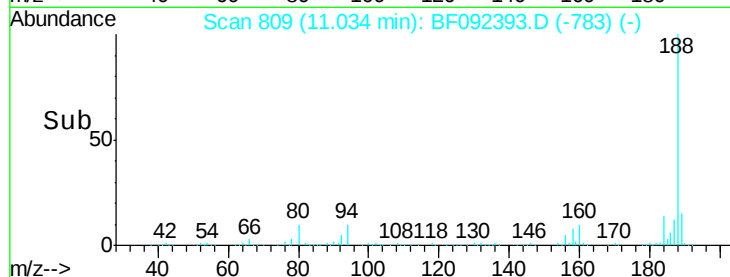
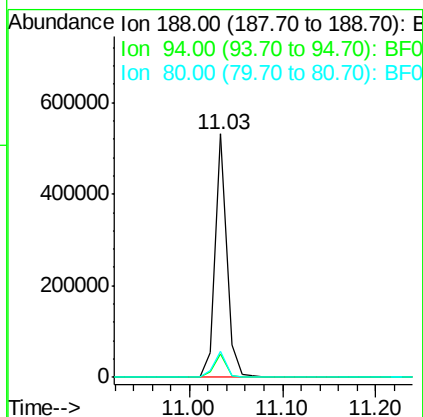
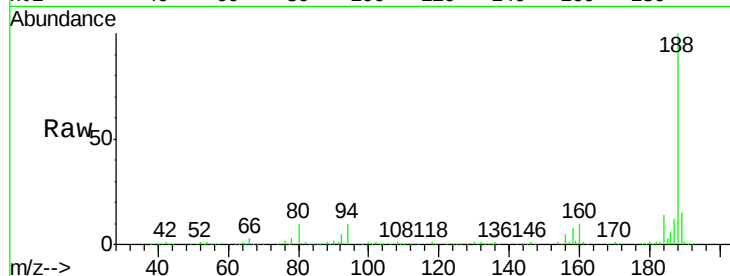




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF092393.D
Acq: 21 Jan 2017 3:09

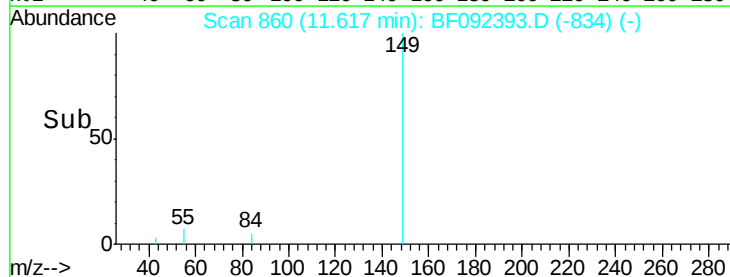
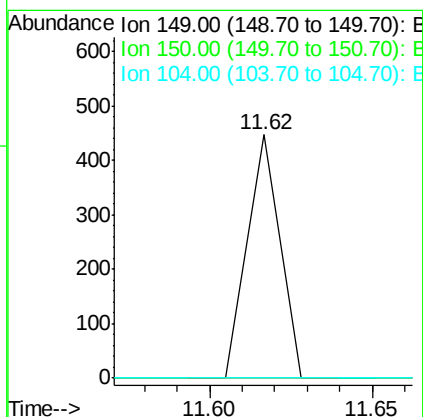
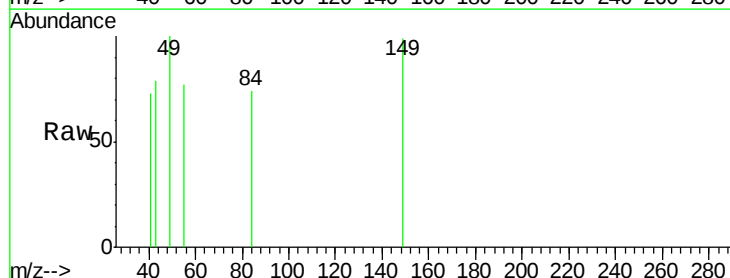
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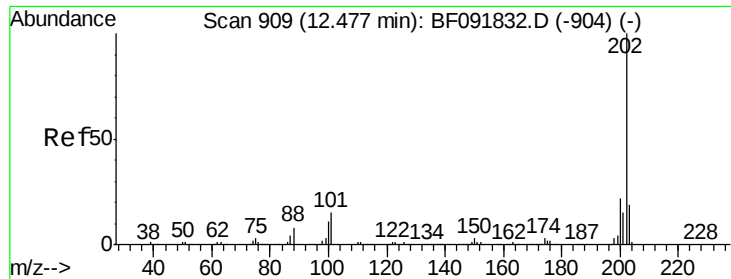
Tgt Ion:188 Resp: 460537
Ion Ratio Lower Upper
188 100
94 9.6 10.0 15.0#
80 10.5 11.2 16.8#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.62 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF092393.D
Acq: 21 Jan 2017 3:09

Tgt Ion:149 Resp: 307
Ion Ratio Lower Upper
149 100
150 0.0 8.1 12.1#
104 0.0 4.6 7.0#

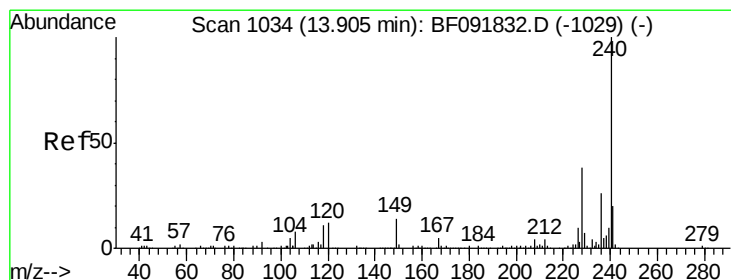
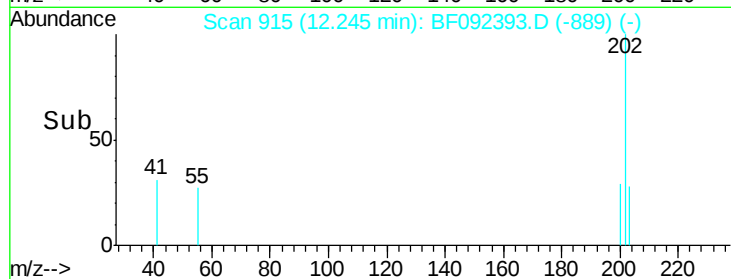
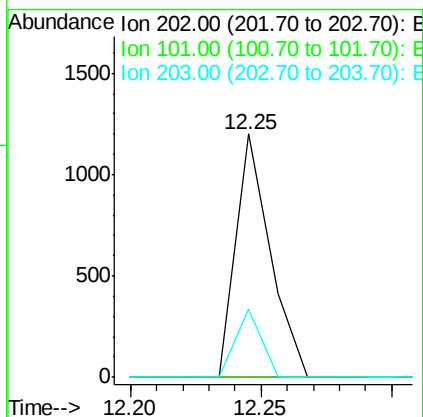
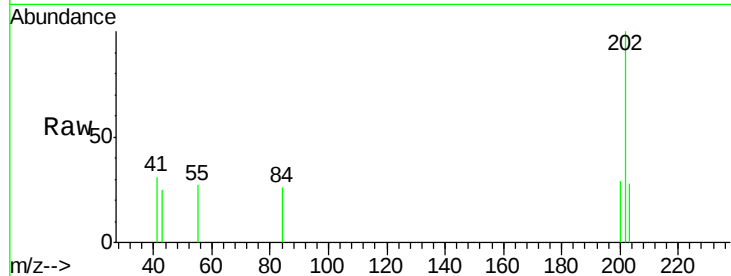




#74
 Fluoranthene
 Concen: Below Cal
 RT: 12.25 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF092393.D
 Acq: 21 Jan 2017 3:09

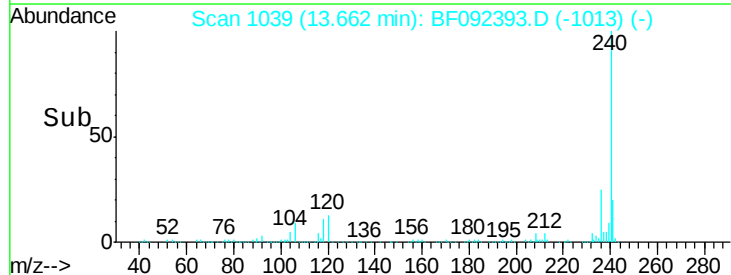
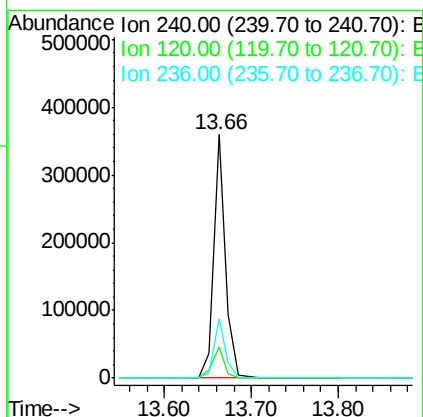
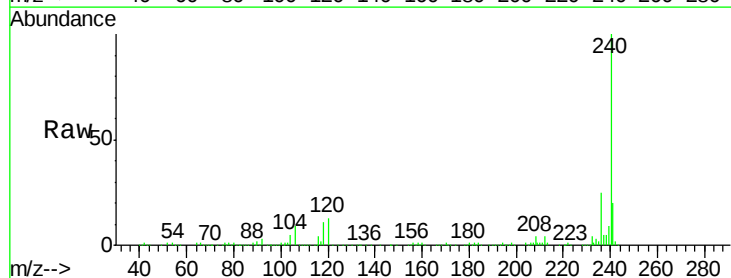
Instrument :
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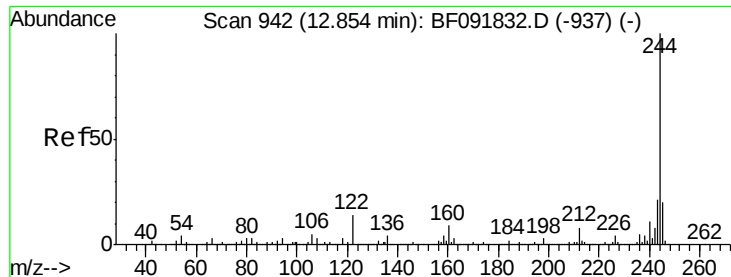
Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	28.1	0.0	38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF092393.D
 Acq: 21 Jan 2017 3:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	12.9	19.3#
236	24.5	20.9	31.3





#78

Terphenyl-d14

Concen: 9.73 ng

RT: 12.62 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF092393.D

Acq: 21 Jan 2017 3:09

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-A

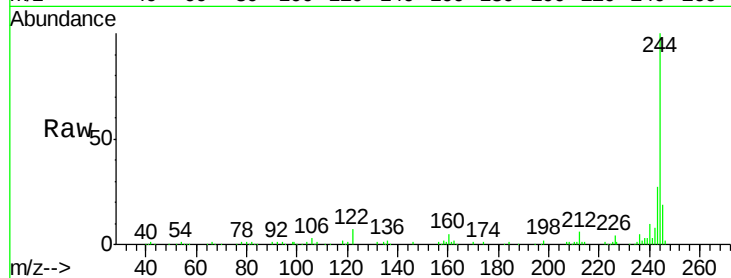
Tgt Ion:244 Resp: 137465

Ion Ratio Lower Upper

244 100

212 5.7 6.2 9.2#

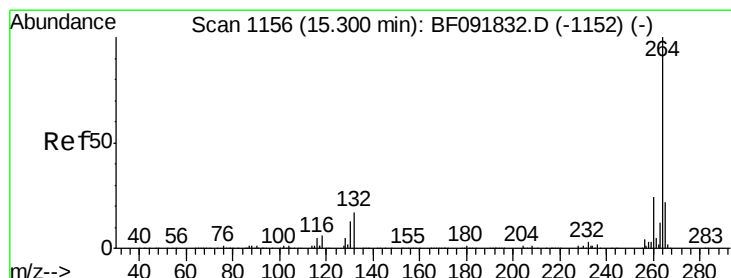
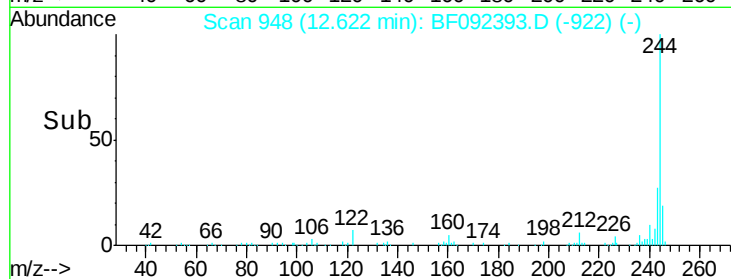
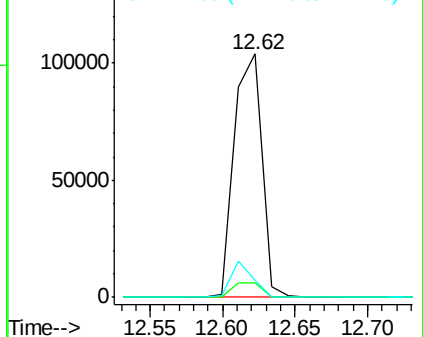
122 7.0 11.4 17.2#



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: 15.01 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF092393.D

Acq: 21 Jan 2017 3:09

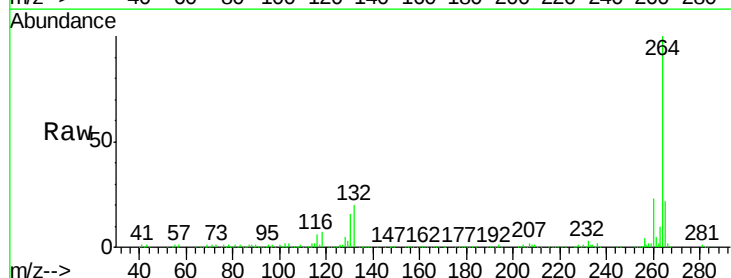
Tgt Ion:264 Resp: 245132

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.6 17.4 26.0



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

