

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092392.D
 Acq On : 21 Jan 2017 2:41
 Operator : UM/SJ
 Sample : I1326-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Jan 21 03:52:20 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	153602	20.00	ng	0.00
21) Naphthalene-d8	7.81	136	769909	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	341565	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	469341	20.00	ng	0.00
75) Chrysene-d12	13.66	240	356043	20.00	ng	0.00
86) Perylene-d12	15.01	264	253148	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.10	112	260023	28.27	ng	0.01
7) Phenol-d6	6.19	99	407478	36.28	ng	0.00
23) Nitrobenzene-d5	7.09	82	320775	23.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	241753	85.52	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	1034593	57.96	ng	0.00
78) Terphenyl-d14	12.62	244	1125910	76.69	ng	0.00

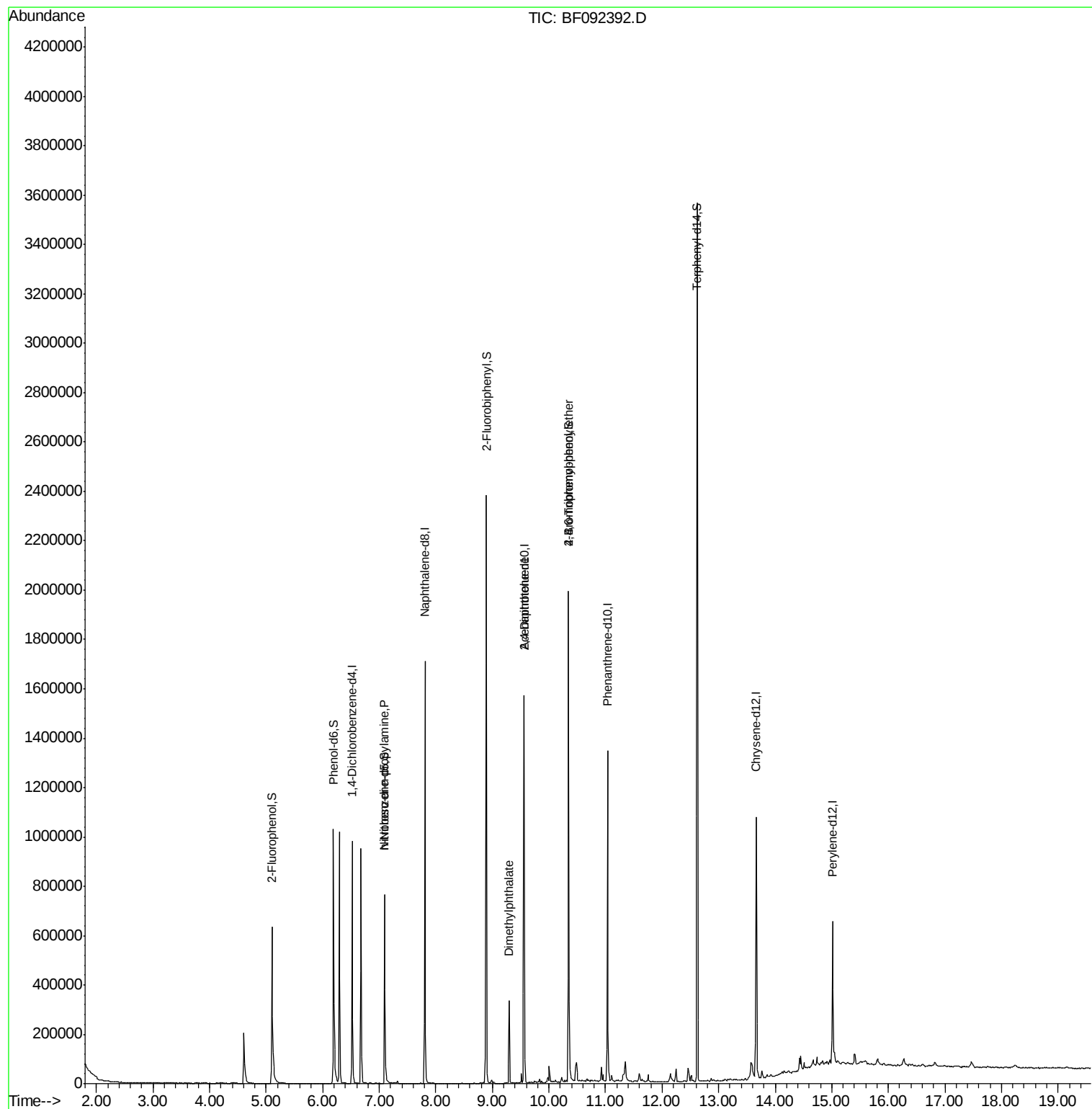
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.19	77	674	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.09	70	40271	5.39 ng	#	78
49) Dimethylphthalate	9.30	163	145441	6.66 ng		99
56) 2,4-Dinitrotoluene	9.56	165	43575	7.26 ng	#	19
66) 4-Bromophenyl-phenylether	10.35	248	14784	3.03 ng	#	1
71) Anthracene	11.11	178	5787	Below Cal		99
73) Di-n-butylphthalate	11.62	149	2850	Below Cal	#	93
74) Fluoranthene	12.24	202	22167	Below Cal		97
76) Benzydine	12.39	184	918	Below Cal	#	65

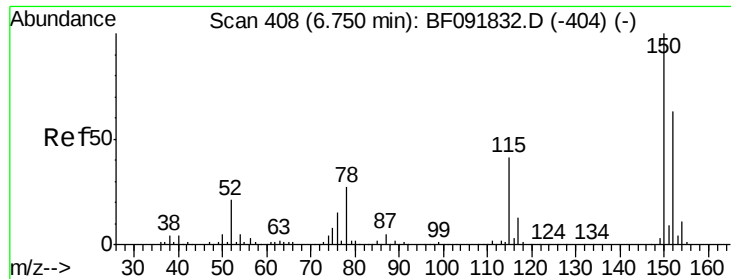
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092392.D

Acq: 21 Jan 2017 2:41

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-B

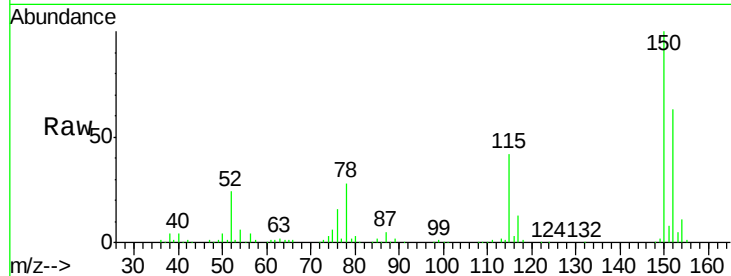
Tgt Ion:152 Resp: 153602

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

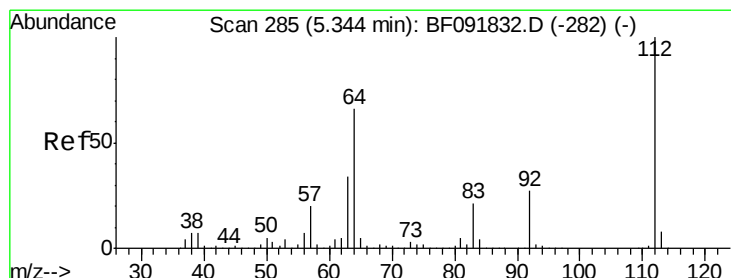
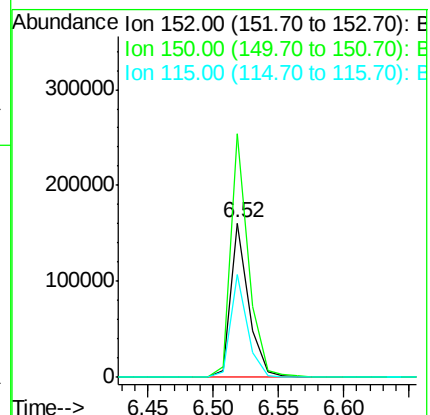
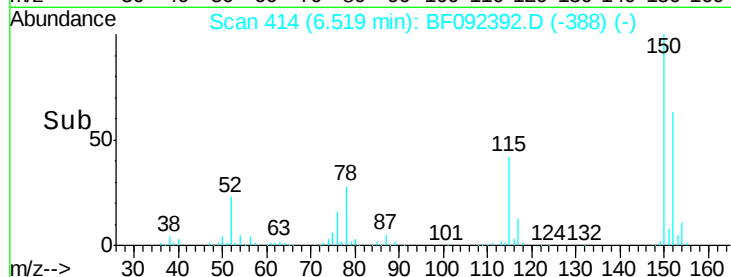
115 66.3 46.0 69.0



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: 28.27 ng

RT: 5.10 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF092392.D

Acq: 21 Jan 2017 2:41

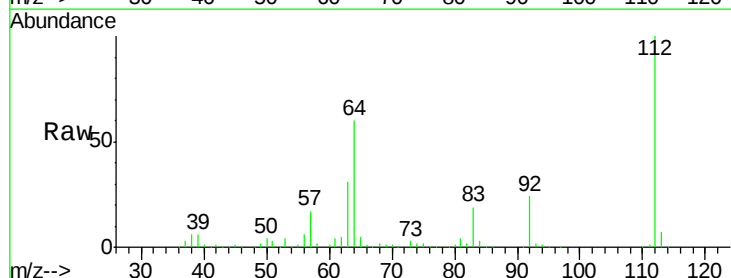
Tgt Ion:112 Resp: 260023

Ion Ratio Lower Upper

112 100

64 59.6 46.1 69.1

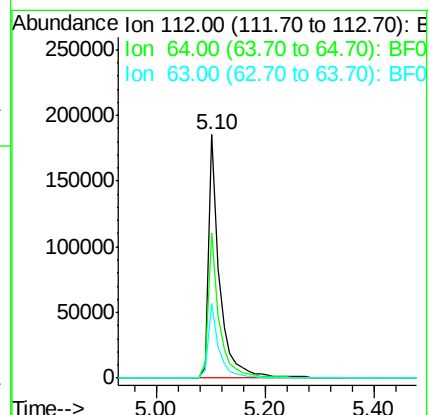
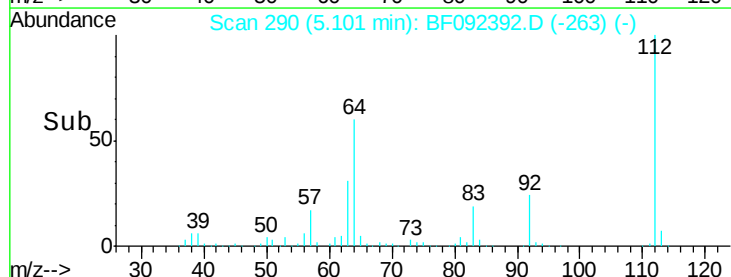
63 30.9 23.8 35.6

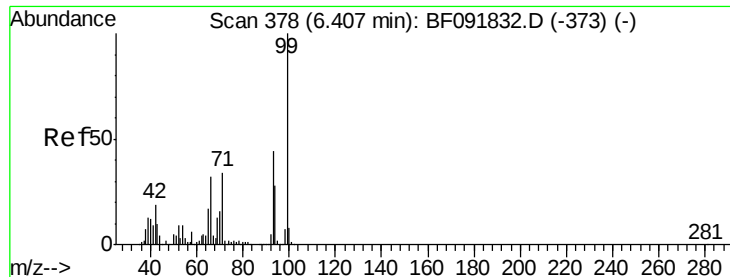


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.28 ng

RT: 6.19 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF092392.D

Acq: 21 Jan 2017 2:41

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-B

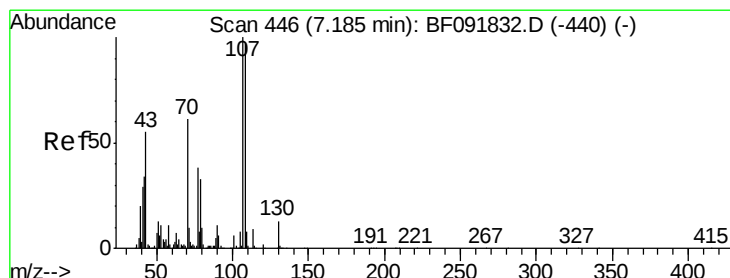
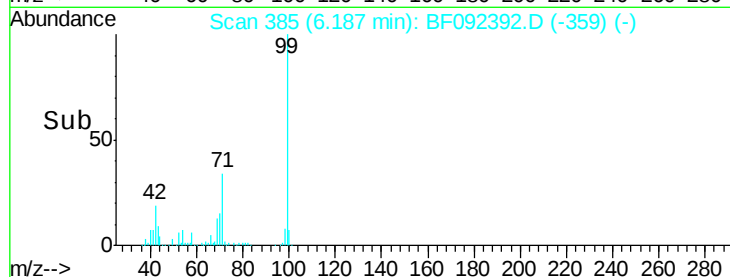
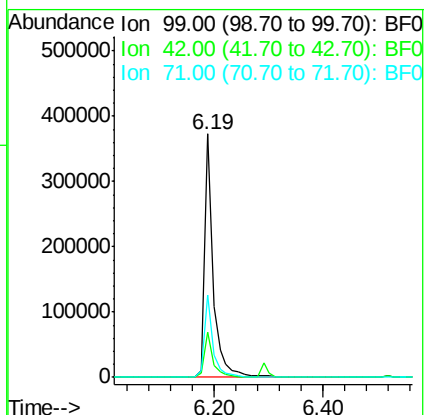
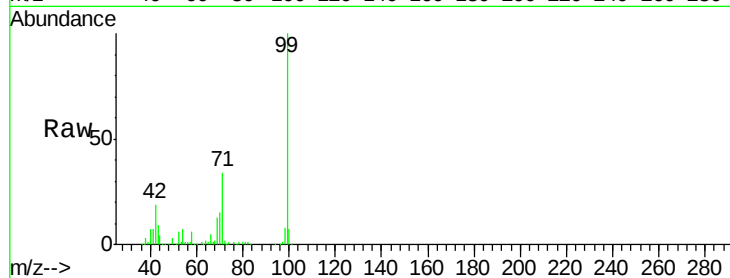
Tgt Ion: 99 Resp: 407478

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

71 33.8 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 5.39 ng

RT: 7.09 min Scan# 464

Delta R.T. 0.14 min

Lab File: BF092392.D

Acq: 21 Jan 2017 2:41

Tgt Ion: 70 Resp: 40271

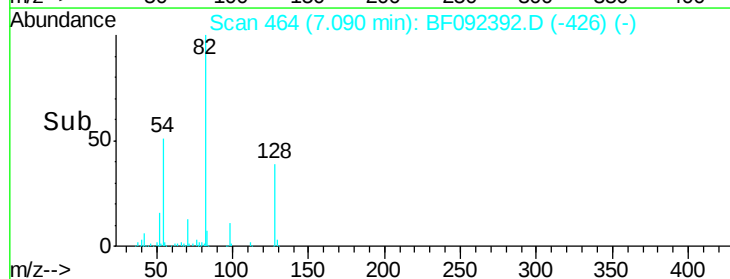
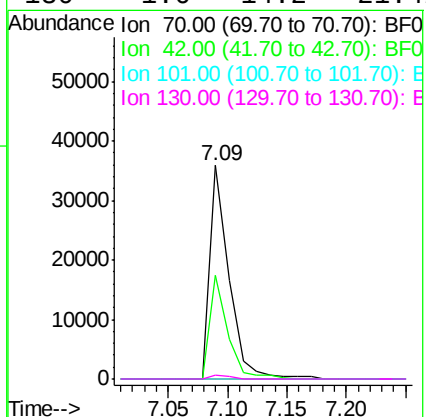
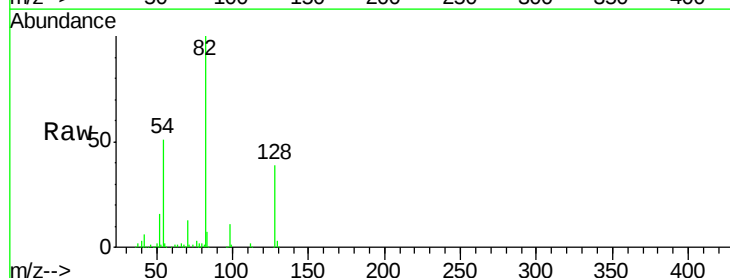
Ion Ratio Lower Upper

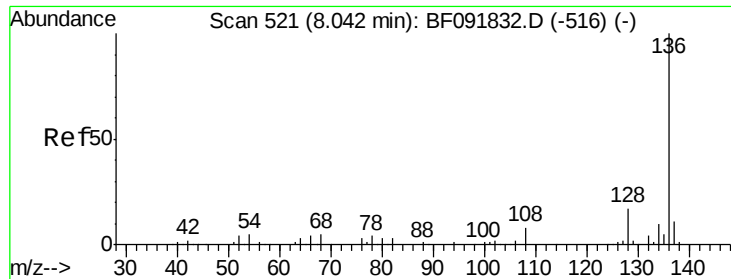
70 100

42 48.8 49.4 74.0#

101 0.0 7.4 11.2#

130 1.6 14.2 21.4#

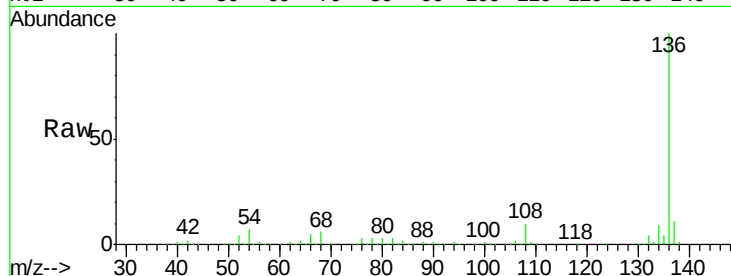




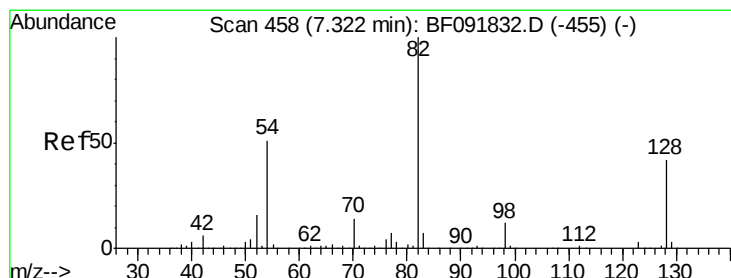
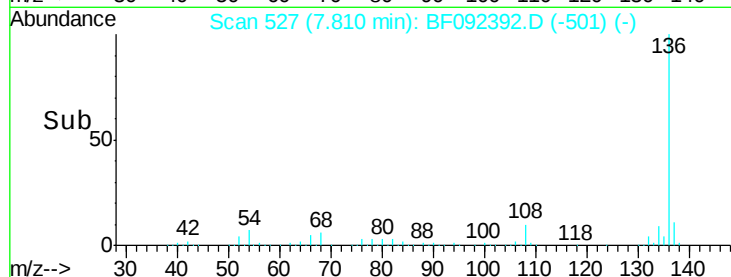
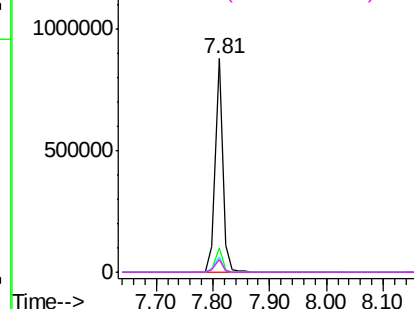
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF092392.D
Acq: 21 Jan 2017 2:41

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

Tgt Ion:	136	Resp:	769909
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	7.3	4.5	6.7#
68	6.1	3.6	5.4#

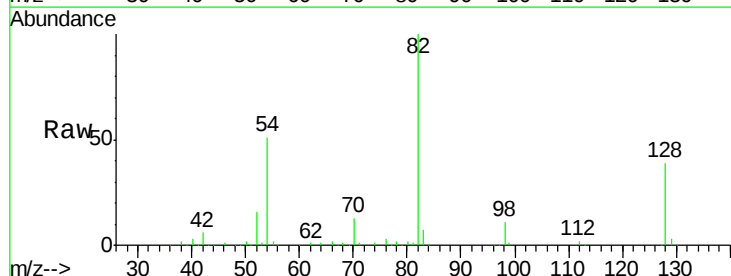


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

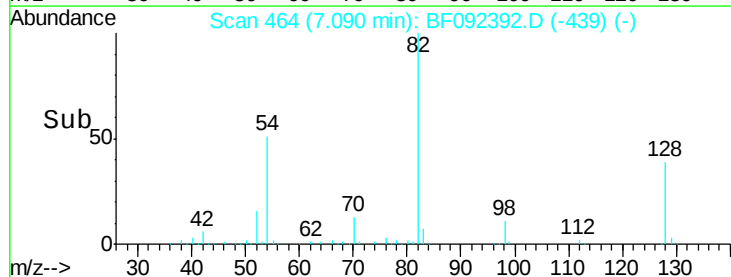
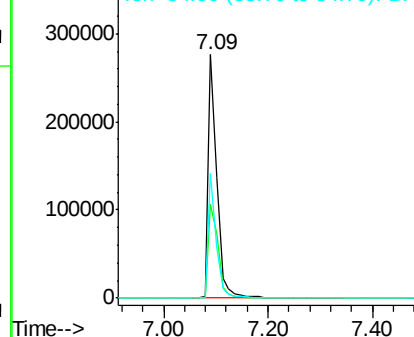


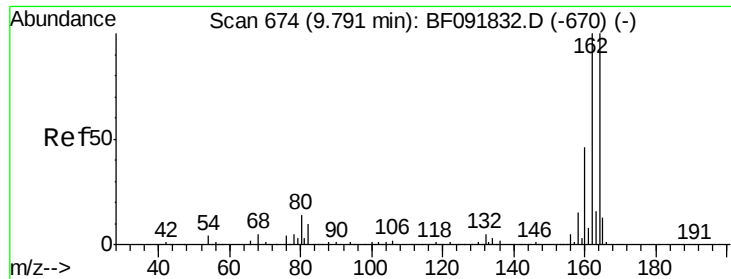
#23
Nitrobenzene-d5
Concen: 23.17 ng
RT: 7.09 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092392.D
Acq: 21 Jan 2017 2:41

Tgt Ion:	82	Resp:	320775
Ion	Ratio	Lower	Upper
82	100		
128	38.6	34.6	52.0
54	51.3	39.5	59.3



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

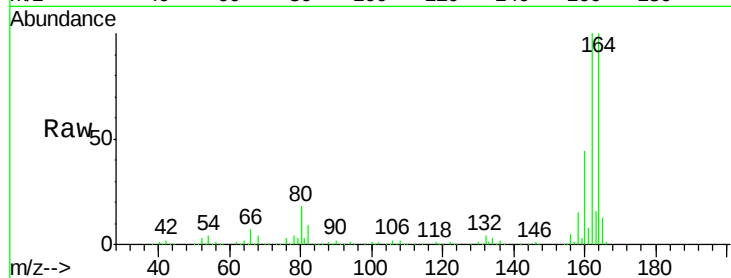




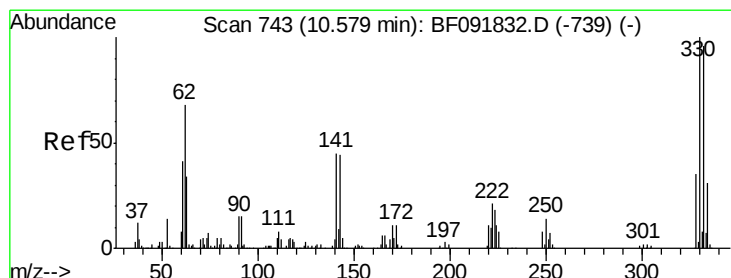
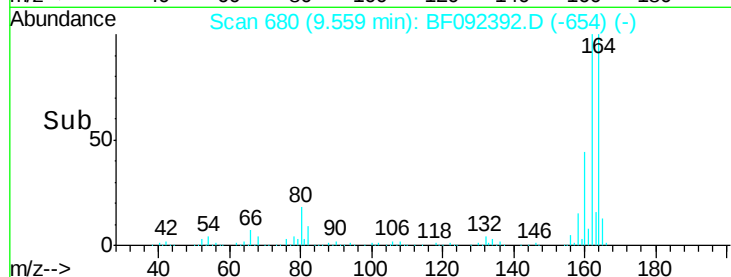
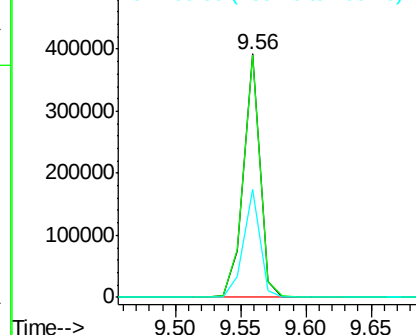
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF092392.D
Acq: 21 Jan 2017 2:41

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

Tgt Ion:164 Resp: 341565
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 44.4 36.9 55.3

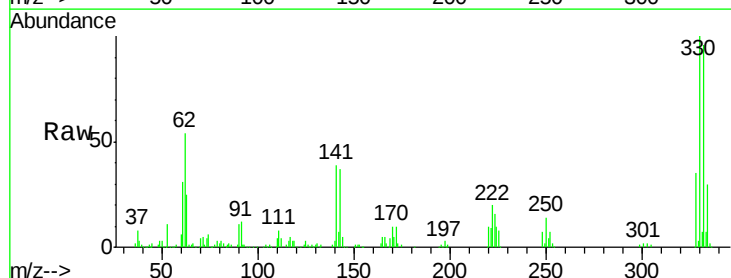


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

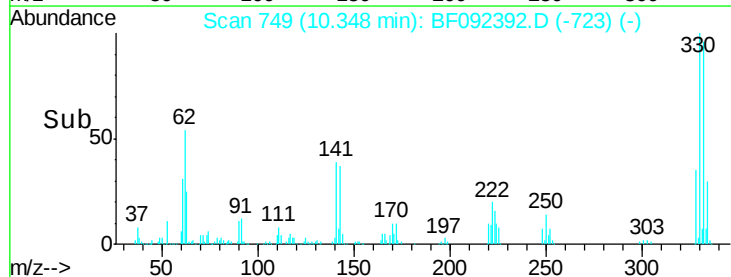
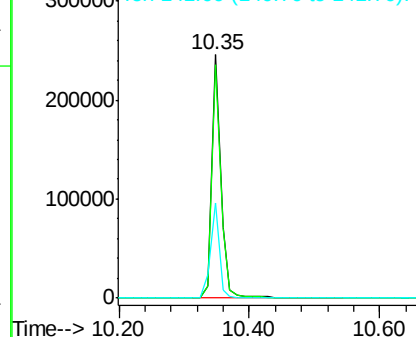


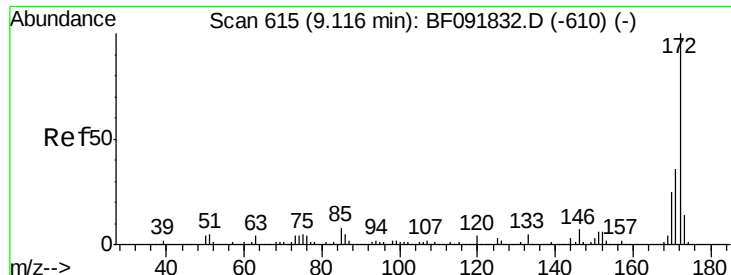
#41
2,4,6-Tribromophenol
Concen: 85.52 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF092392.D
Acq: 21 Jan 2017 2:41

Tgt Ion:330 Resp: 241753
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.2
141 37.8 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

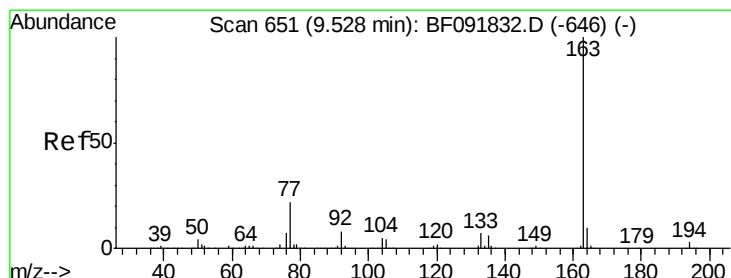
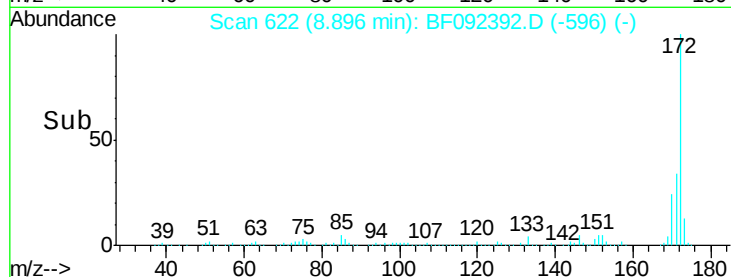
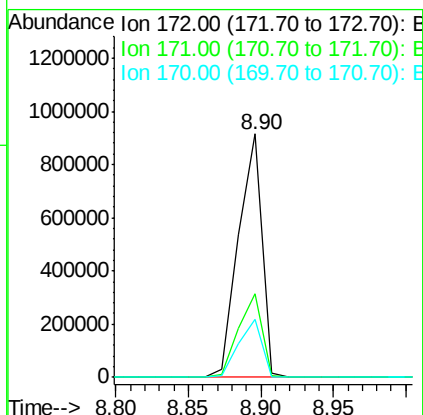
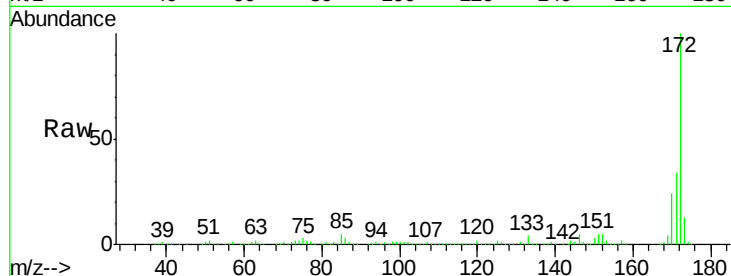




#44
 2-Fluorobiphenyl
 Concen: 57.96 ng
 RT: 8.90 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF092392.D
 Acq: 21 Jan 2017 2:41

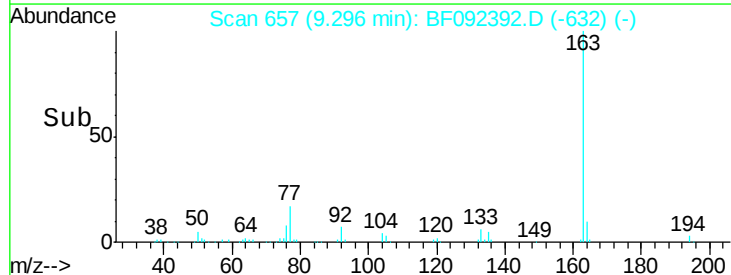
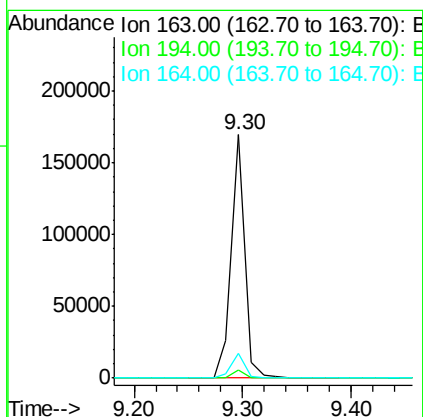
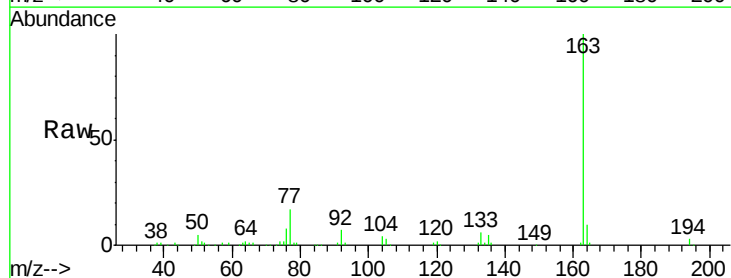
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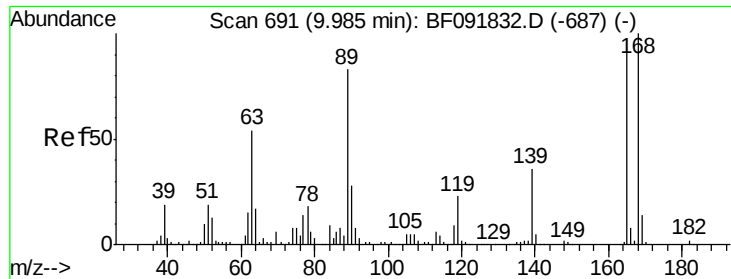
Tgt Ion:172 Resp: 1034593
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.4 44.0
 170 23.6 20.2 30.4



#49
 Dimethylphthalate
 Concen: 6.66 ng
 RT: 9.30 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF092392.D
 Acq: 21 Jan 2017 2:41

Tgt Ion:163 Resp: 145441
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 10.1 8.0 12.0

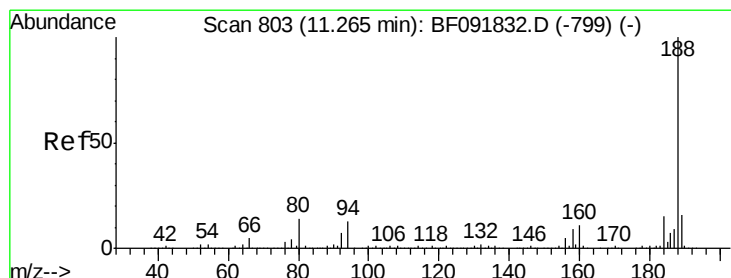
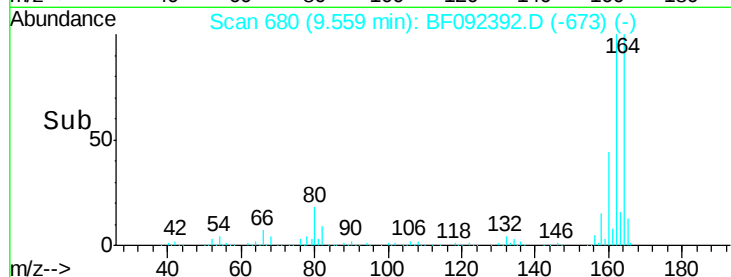
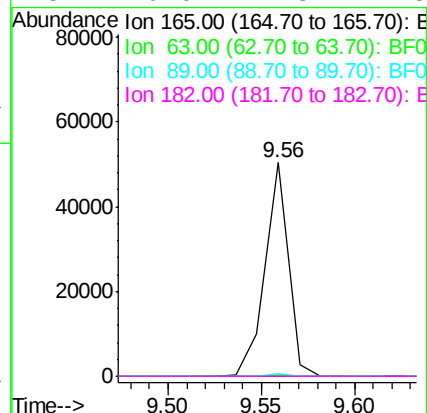
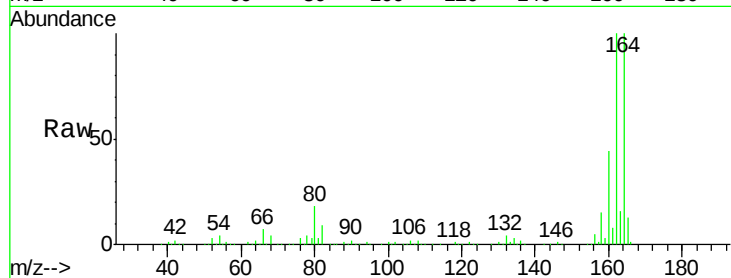




#56
2,4-Dinitrotoluene
Concen: 7.26 ng
RT: 9.56 min Scan# 680
Delta R.T. -0.22 min
Lab File: BF092392.D
Acq: 21 Jan 2017 2:41

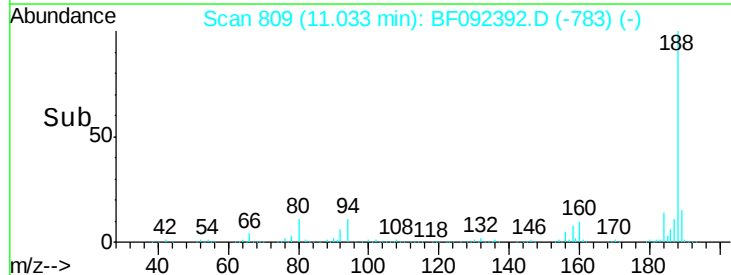
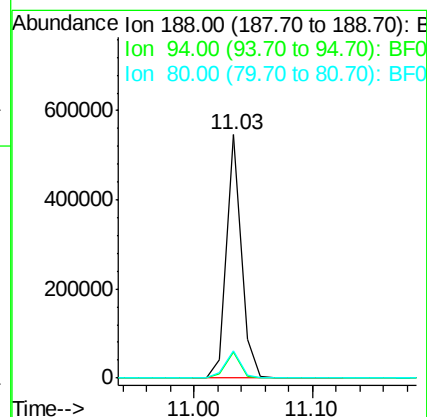
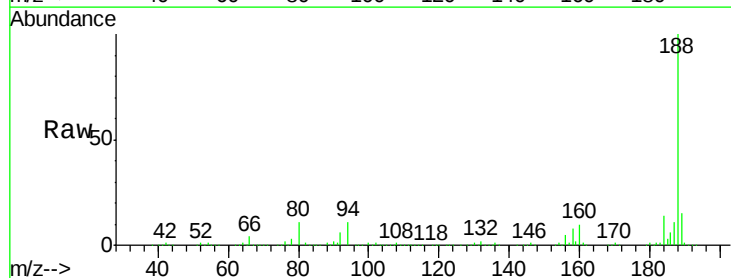
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BNA_F
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FK-GF-02-001-B

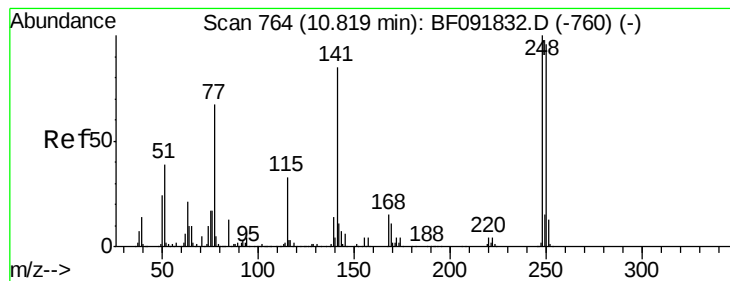
Tgt Ion:	165	Resp:	43575
Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF092392.D
Acq: 21 Jan 2017 2:41

Tgt Ion:	188	Resp:	469341
Ion	Ratio	Lower	Upper
188	100		
94	10.7	10.0	15.0
80	11.2	11.2	16.8





#66

4-Bromophenyl-phenylether

Concen: 3.03 ng

RT: 10.35 min Scan# 749

Delta R.T. -0.24 min

Lab File: BF092392.D

Acq: 21 Jan 2017 2:41

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-B

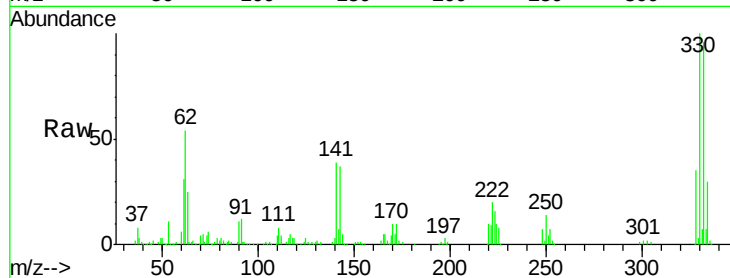
Tgt Ion:248 Resp: 14784

Ion Ratio Lower Upper

248 100

250 199.6 76.9 115.3#

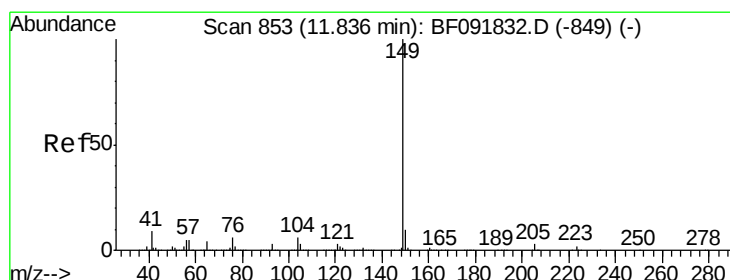
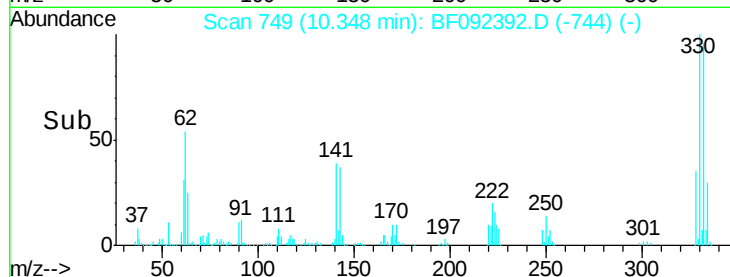
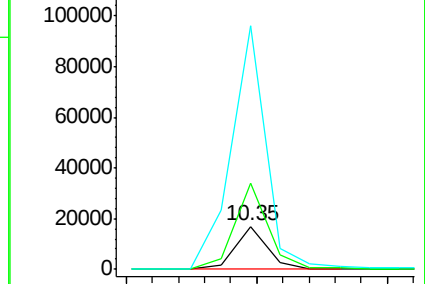
141 566.4 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.62 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF092392.D

Acq: 21 Jan 2017 2:41

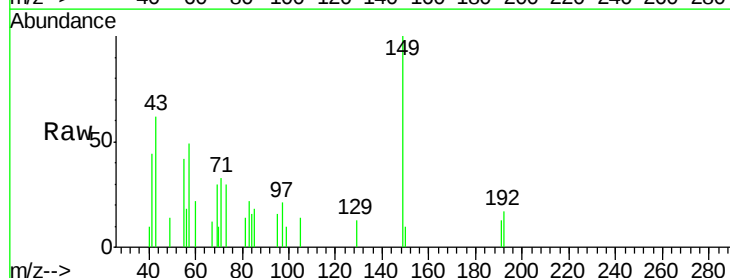
Tgt Ion:149 Resp: 2850

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

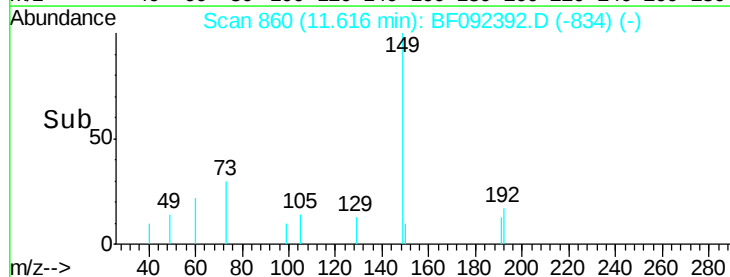
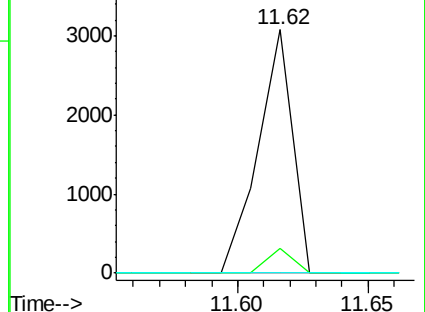
104 0.0 4.6 7.0#

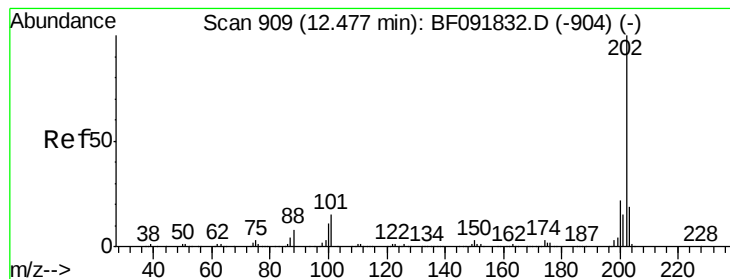


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.24 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF092392.D

Acq: 21 Jan 2017 2:41

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-B

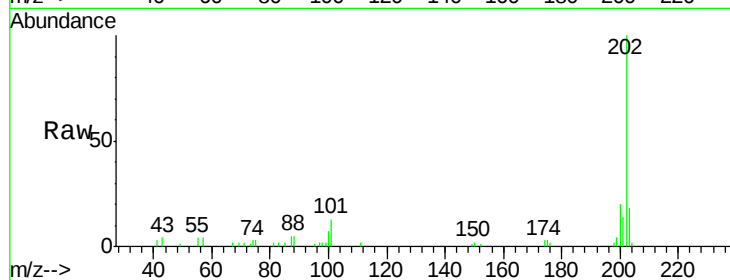
Tgt Ion:202 Resp: 22167

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.6

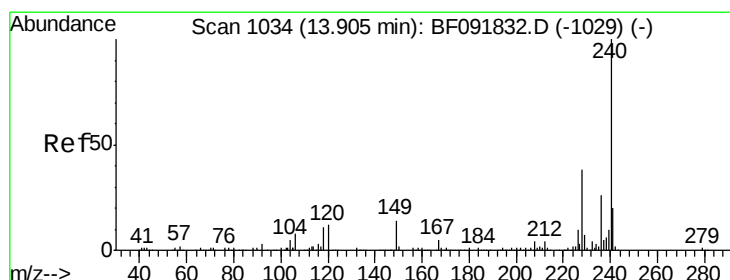
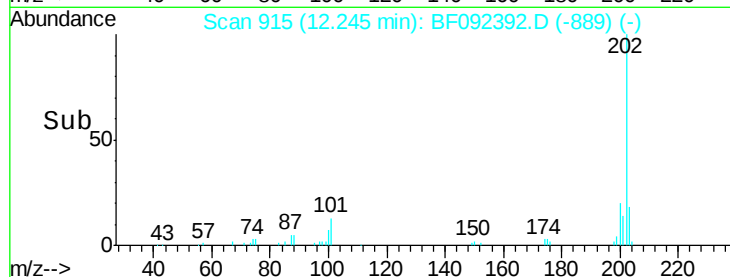
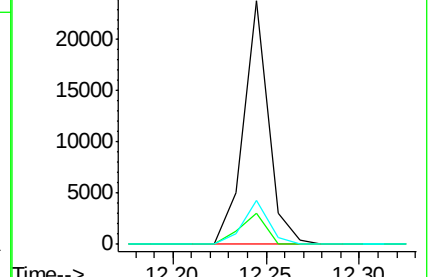
203 18.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF092392.D

Acq: 21 Jan 2017 2:41

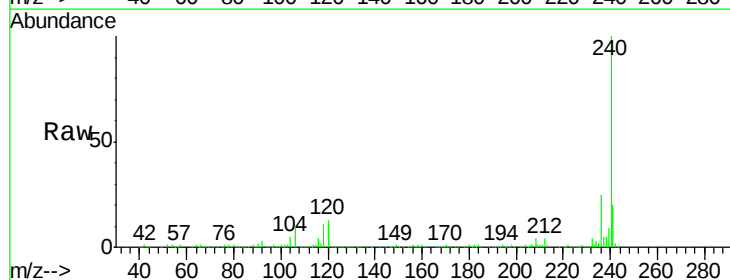
Tgt Ion:240 Resp: 356043

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

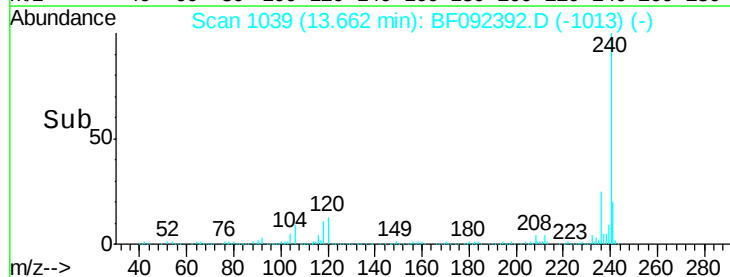
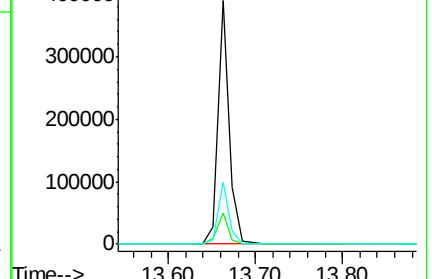
236 25.4 20.9 31.3

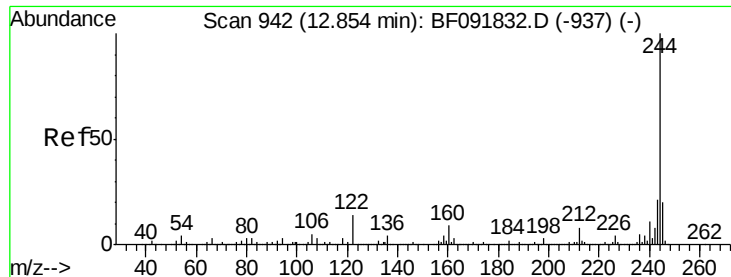


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

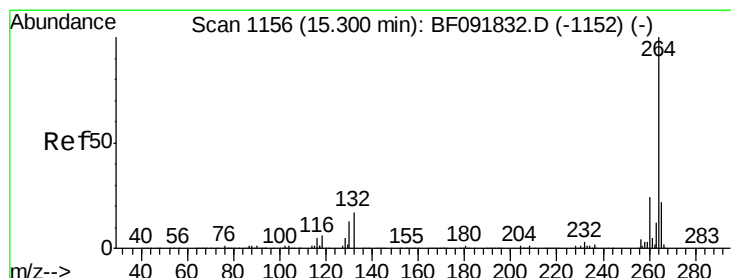
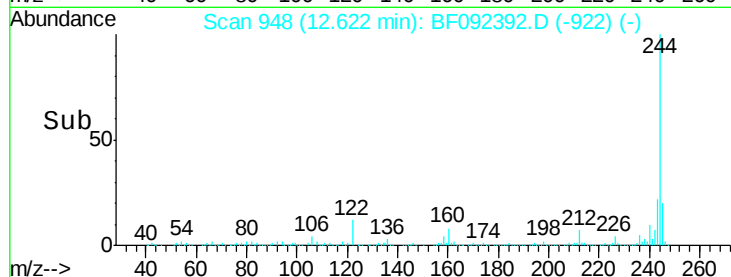
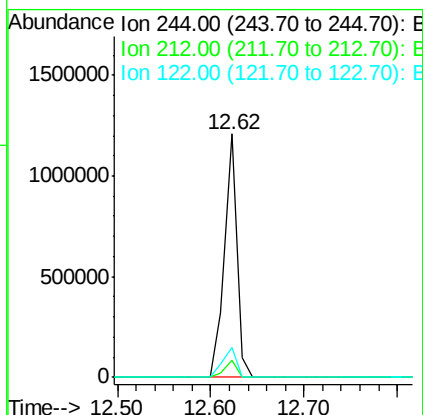
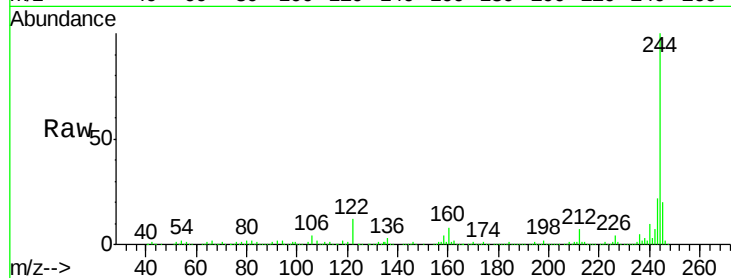




#78
 Terphenyl-d14
 Concen: 76.69 ng
 RT: 12.62 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF092392.D
 Acq: 21 Jan 2017 2:41

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

Tgt Ion:244 Resp: 1125910
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 12.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF092392.D
 Acq: 21 Jan 2017 2:41

Tgt Ion:264 Resp: 253148
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 22.0 17.4 26.0

