

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
 Data File : BF092413.D
 Acq On : 21 Jan 2017 15:22
 Operator : UM/SJ
 Sample : I1326-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 23 00:42:05 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

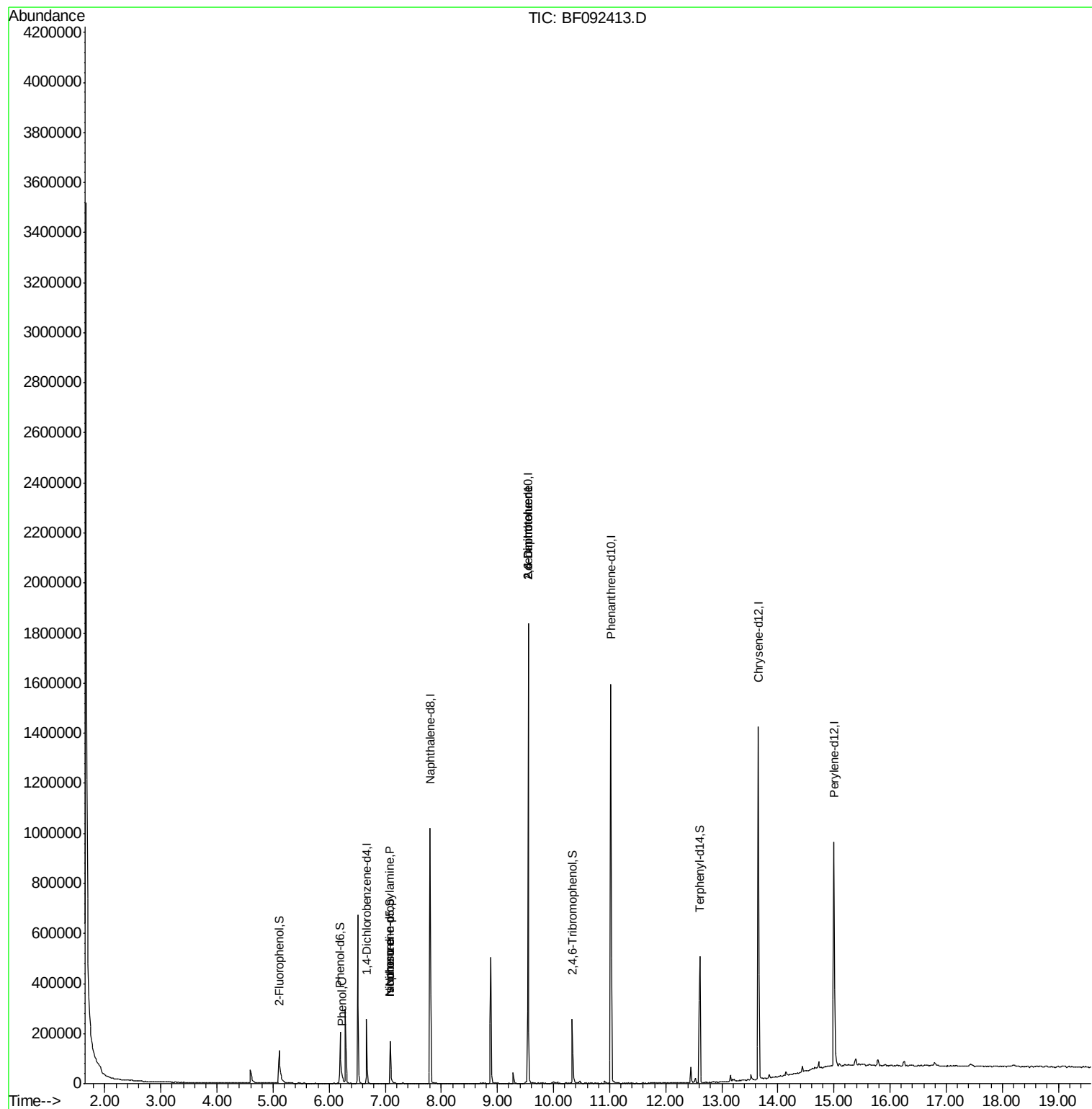
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	41672	20.00	ng	0.02
21) Naphthalene-d8	7.80	136	508477	20.00	ng	-0.14
38) Acenaphthene-d10	9.55	164	393153	20.00	ng	-0.14
63) Phenanthrene-d10	11.02	188	627458	20.00	ng	-0.14
75) Chrysene-d12	13.65	240	509271	20.00	ng	-0.14
86) Perylene-d12	15.00	264	391610	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	89121	35.71	ng	-0.12
7) Phenol-d6	6.20	99	111791	36.69	ng	-0.11
23) Nitrobenzene-d5	7.09	82	68847	7.53	ng	-0.12
41) 2,4,6-Tribromophenol	10.33	330	38278	11.76	ng	-0.14
44) 2-Fluorobiphenyl	8.88	172	198064	-3.04	ng	-0.12
78) Terphenyl-d14	12.61	244	209184	9.96	ng	-0.14
Target Compounds						
10) Phenol	6.22	94	8167	2.35	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.09	70	8967	4.42	ng	# 76
25) Isophorone	7.09	82	67546	4.00	ng	# 65
50) 2,6-Dinitrotoluene	9.55	165	50376	9.15	ng	# 30
56) 2,4-Dinitrotoluene	9.55	165	50378	7.29	ng	# 19
71) Anthracene	11.04	178	692	Below Cal	#	59
73) Di-n-butylphthalate	11.60	149	483	Below Cal	#	76
74) Fluoranthene	12.24	202	1536	Below Cal	#	79
76) Benzidine	12.61	184	2528	Below Cal	#	83

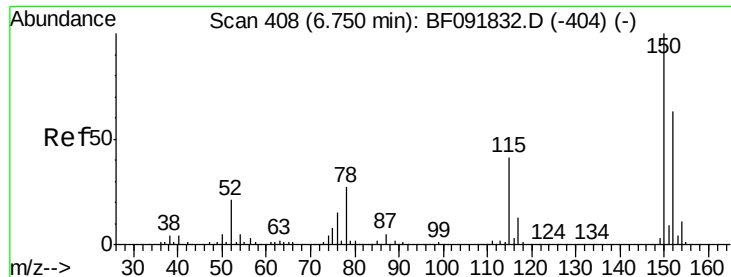
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 440

Delta R.T. 0.02 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-ARE

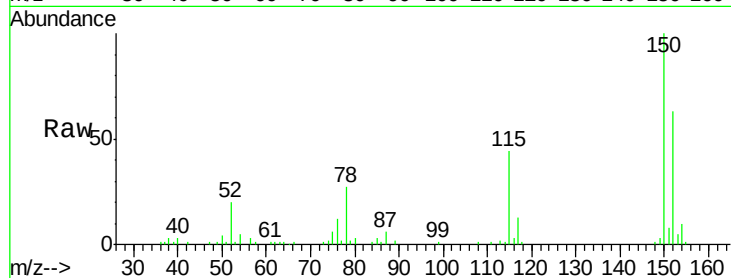
Tgt Ion:152 Resp: 41672

Ion Ratio Lower Upper

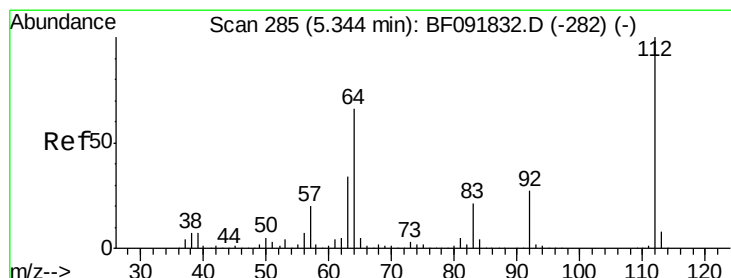
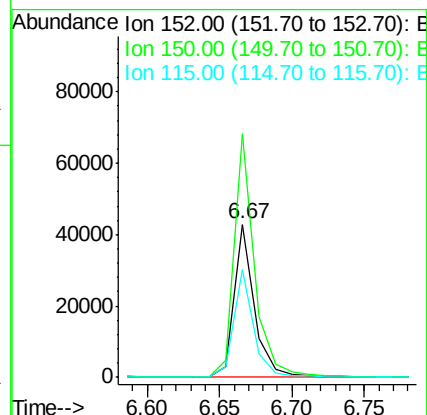
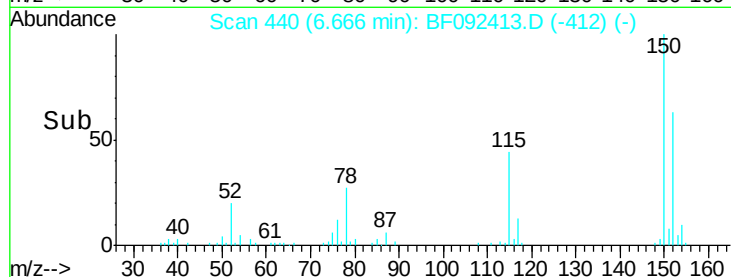
152 100

150 158.7 124.9 187.3

115 70.3 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: 35.71 ng

RT: 5.11 min Scan# 304

Delta R.T. -0.12 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

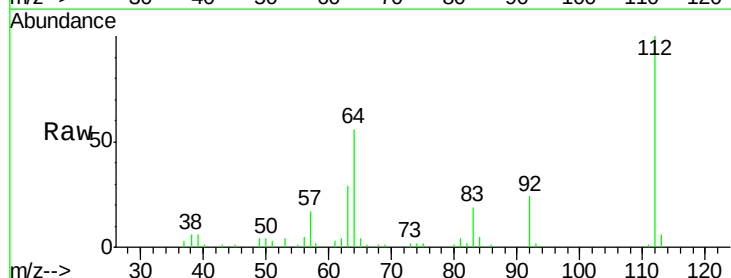
Tgt Ion:112 Resp: 89121

Ion Ratio Lower Upper

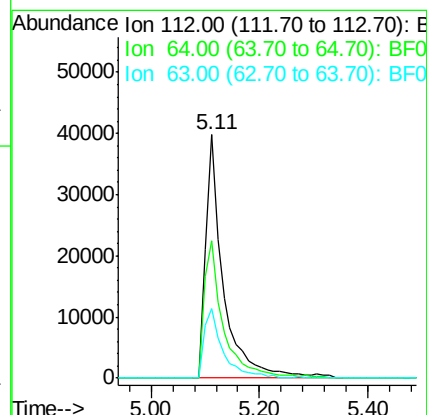
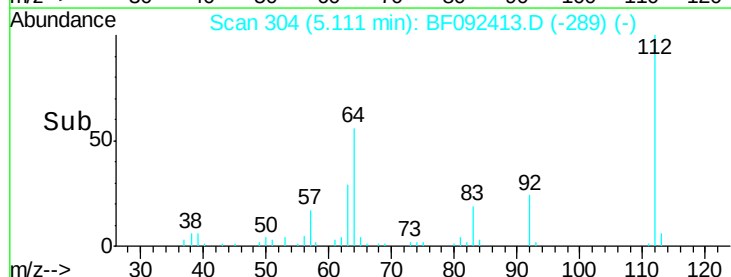
112 100

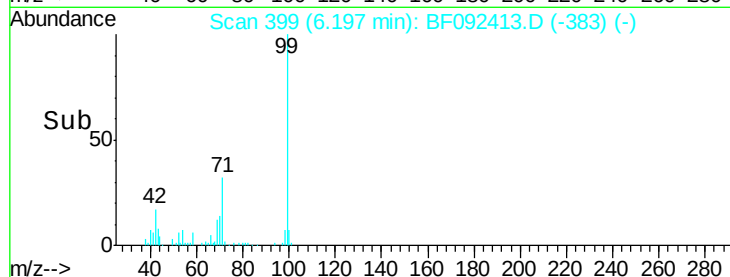
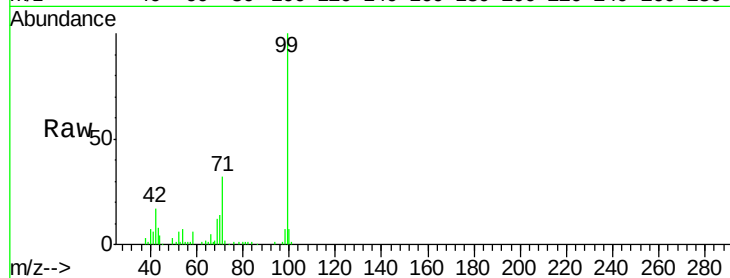
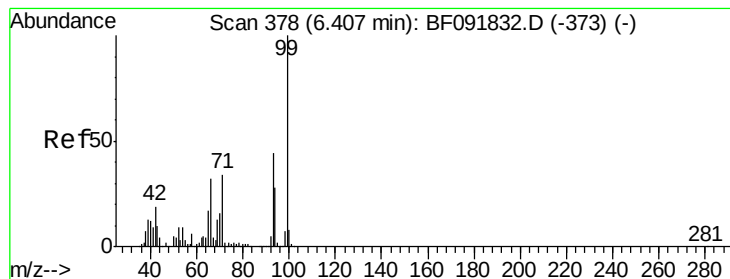
64 56.2 46.1 69.1

63 28.6 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: 36.69 ng

RT: 6.20 min Scan# 399

Delta R.T. -0.11 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-ARE

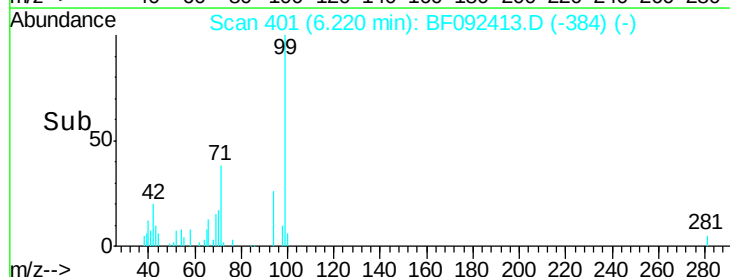
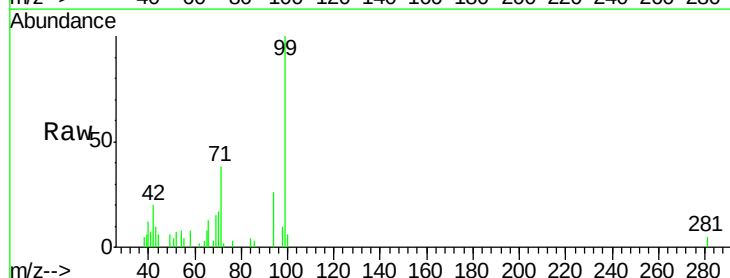
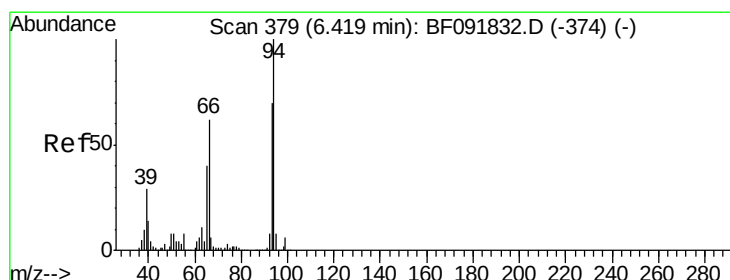
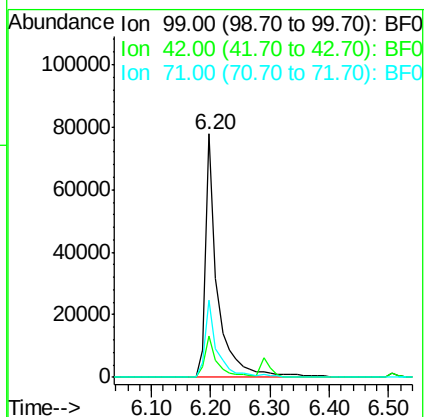
Tgt Ion: 99 Resp: 111791

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

71 31.6 27.5 41.3



#10

Phenol

Concen: 2.35 ng

RT: 6.22 min Scan# 401

Delta R.T. -0.10 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

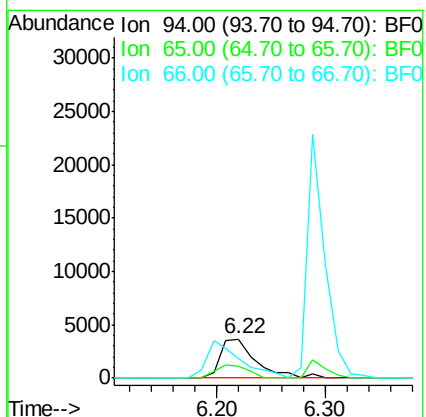
Tgt Ion: 94 Resp: 8167

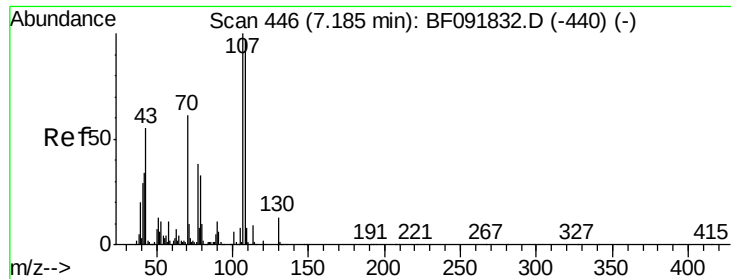
Ion Ratio Lower Upper

94 100

65 31.6 21.4 61.4

66 49.1 44.0 84.0

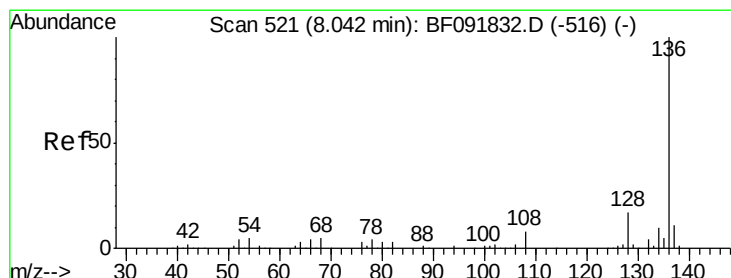
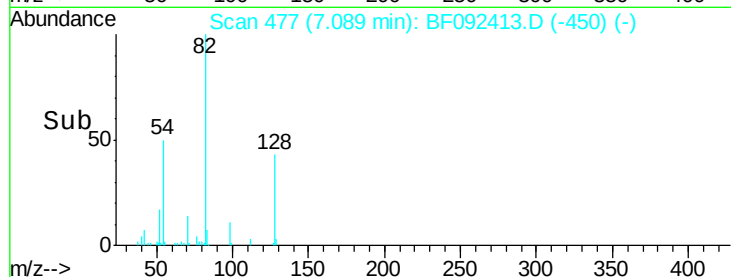
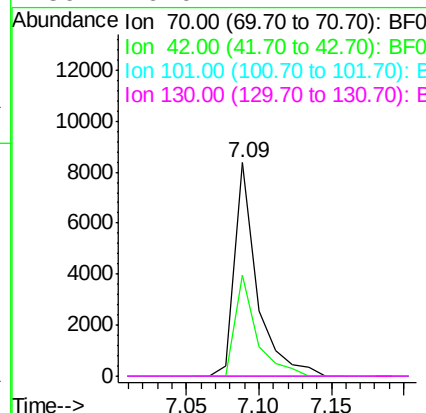
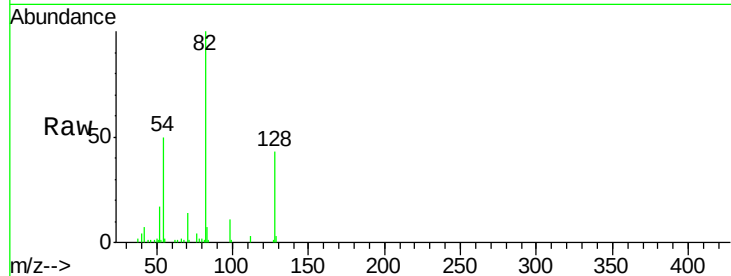




#19
n-Nitroso-di-n-propylamine
Concen: 4.42 ng
RT: 7.09 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF092413.D
Acq: 21 Jan 2017 15:22

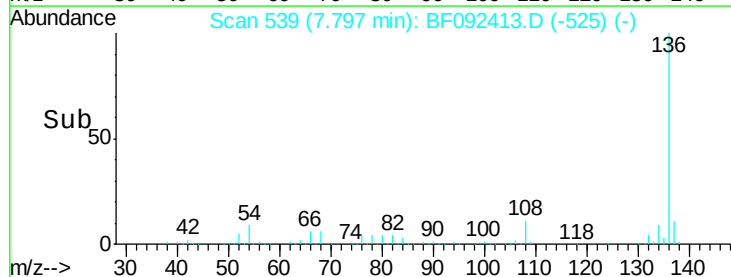
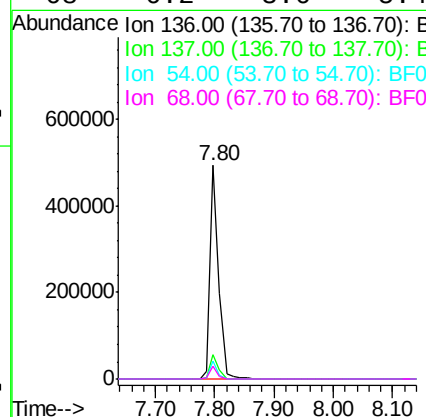
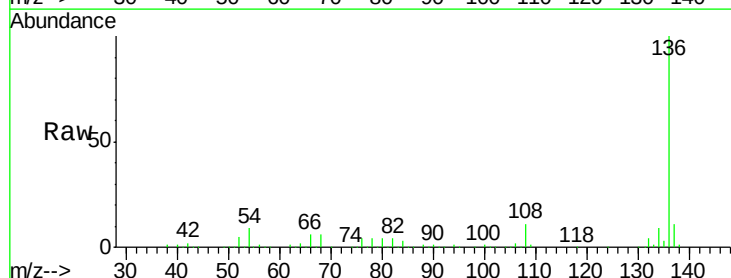
Instrument :
BNA_F
ClientSampleId :
FK-GF-02-001-ARE

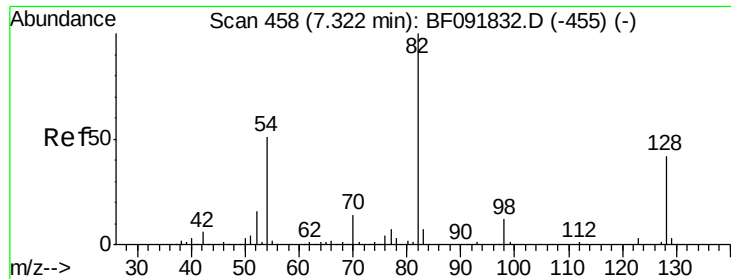
Tgt Ion:	70	Resp:	8967
Ion	Ratio	Lower	Upper
70	100		
42	47.6	49.4	74.0#
101	0.0	7.4	11.2#
130	0.0	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 539
Delta R.T. -0.14 min
Lab File: BF092413.D
Acq: 21 Jan 2017 15:22

Tgt Ion:	136	Resp:	508477
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	8.7	4.5	6.7#
68	6.2	3.6	5.4#

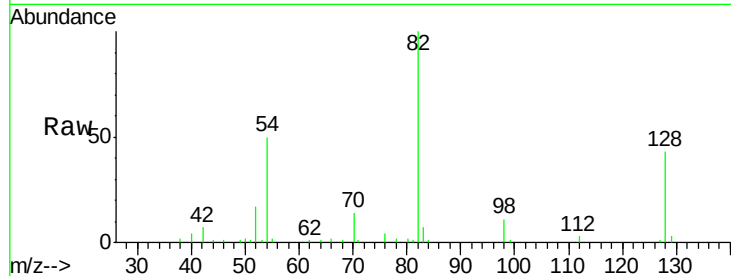




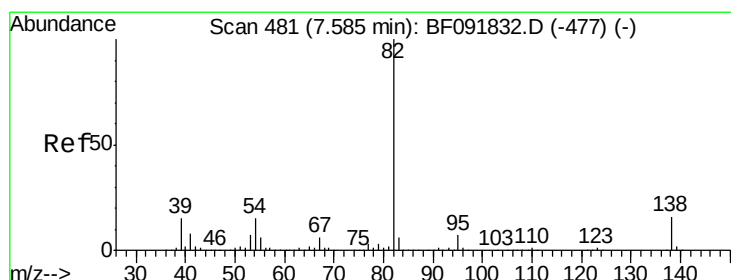
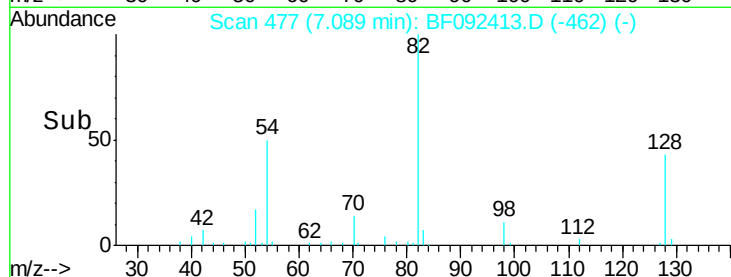
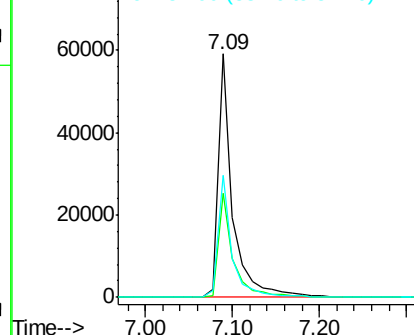
#23
Nitrobenzene-d5
Concen: 7.53 ng
RT: 7.09 min Scan# 477
Delta R.T. -0.12 min
Lab File: BF092413.D
Acq: 21 Jan 2017 15:22

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

Tgt Ion: 82 Resp: 68847
Ion Ratio Lower Upper
82 100
128 42.5 34.6 52.0
54 50.1 39.5 59.3

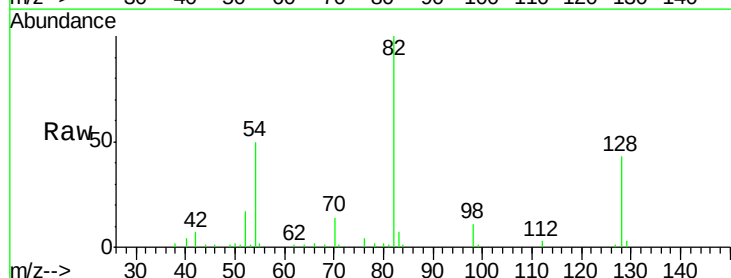


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

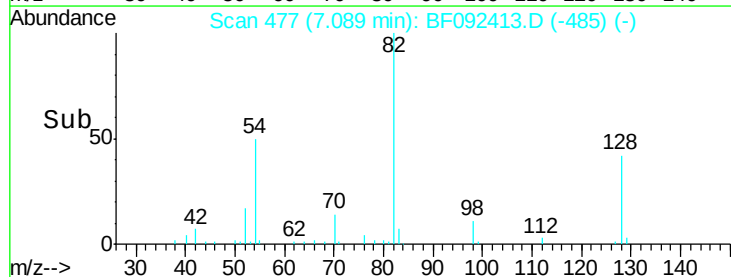
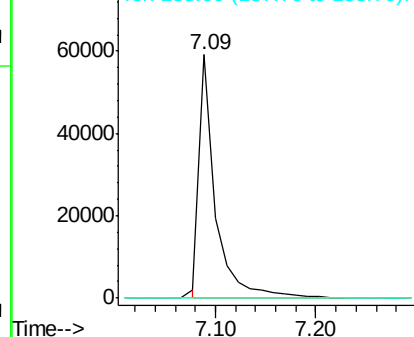


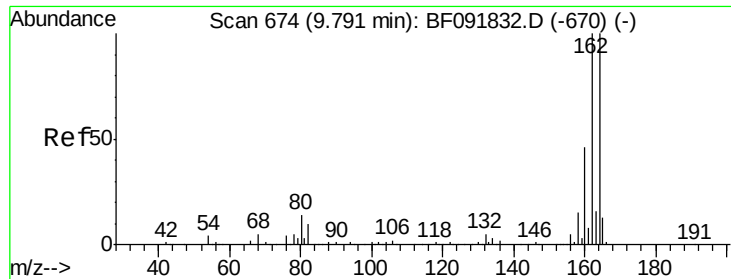
#25
Isophorone
Concen: 4.00 ng
RT: 7.09 min Scan# 477
Delta R.T. -0.39 min
Lab File: BF092413.D
Acq: 21 Jan 2017 15:22

Tgt Ion: 82 Resp: 67546
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.55 min Scan# 692

Delta R.T. -0.14 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-ARE

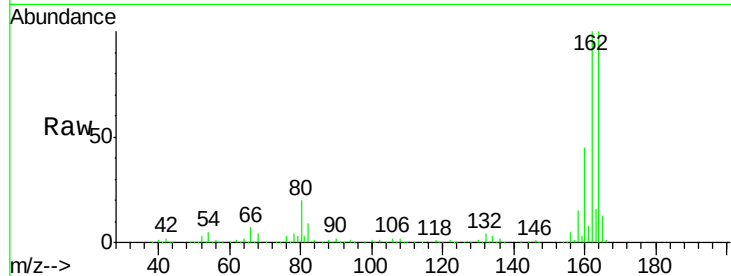
Tgt Ion:164 Resp: 393153

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.2

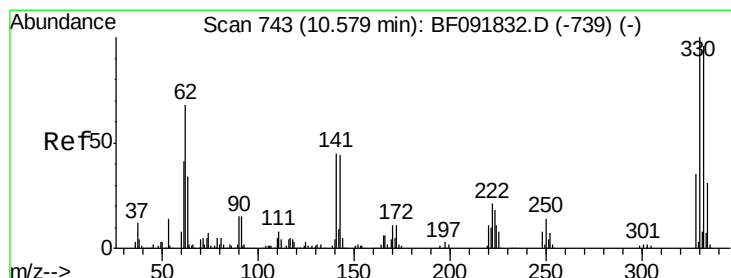
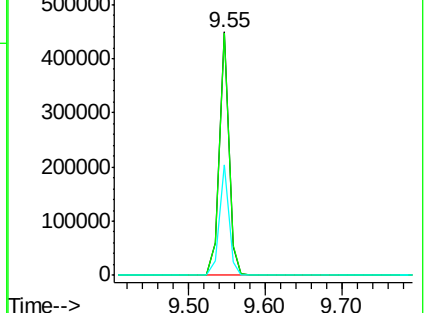
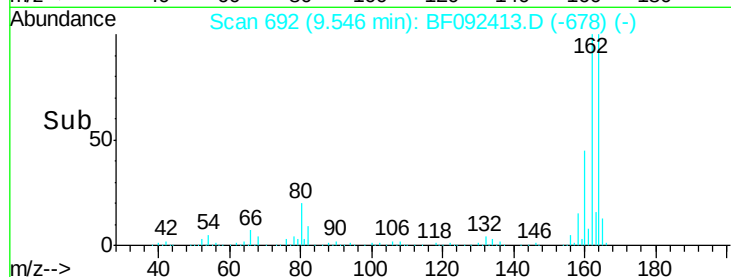
160 45.2 36.9 55.3



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: 11.76 ng

RT: 10.33 min Scan# 761

Delta R.T. -0.14 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

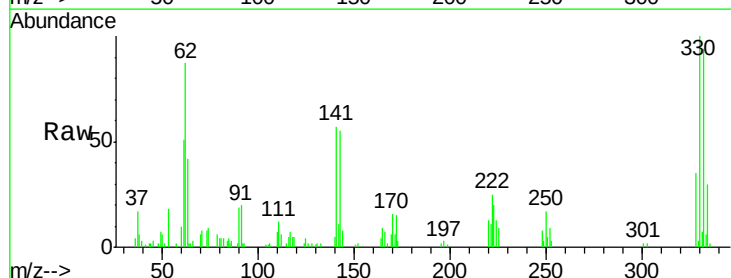
Tgt Ion:330 Resp: 38278

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.2

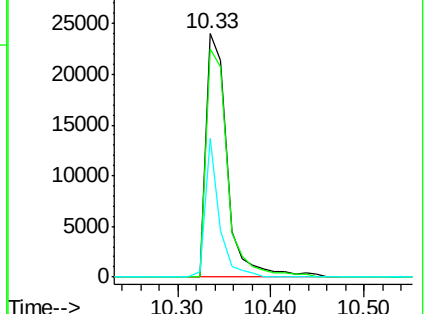
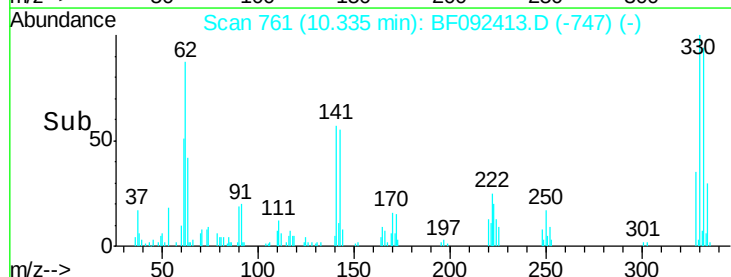
141 37.2 34.1 51.1

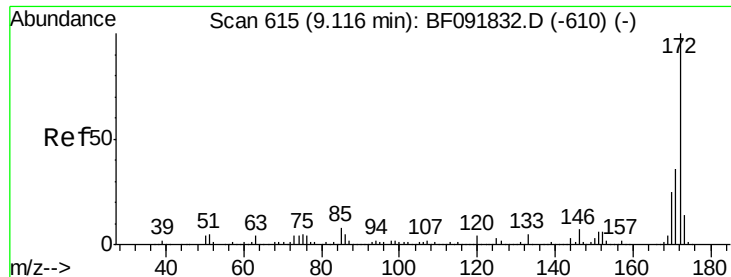


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

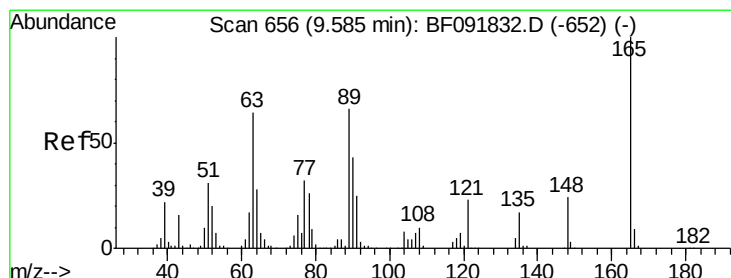
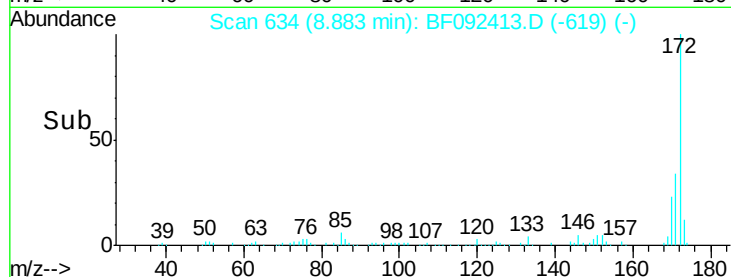
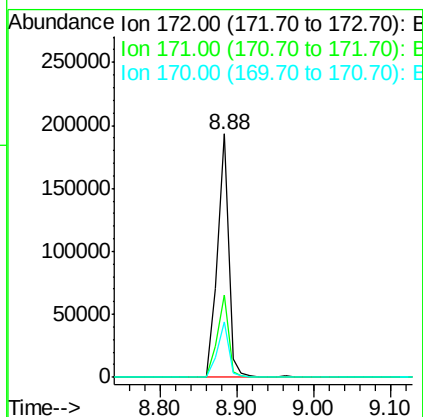
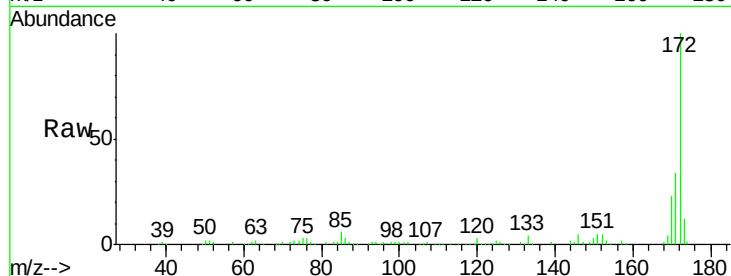




#44
 2-Fluorobiphenyl
 Concen: -3.04 ng
 RT: 8.88 min Scan# 634
 Delta R.T. -0.12 min
 Lab File: BF092413.D
 Acq: 21 Jan 2017 15:22

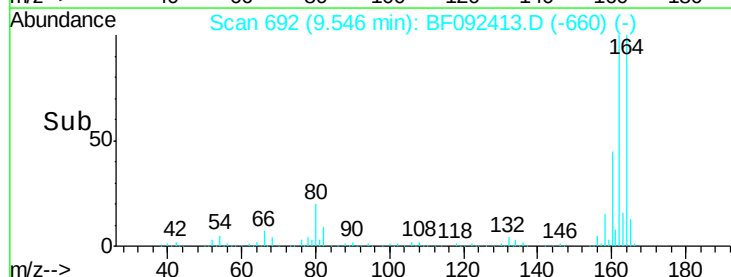
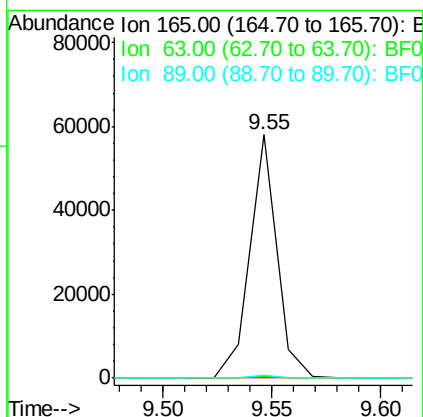
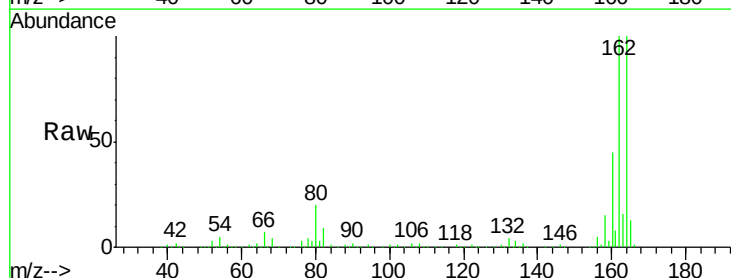
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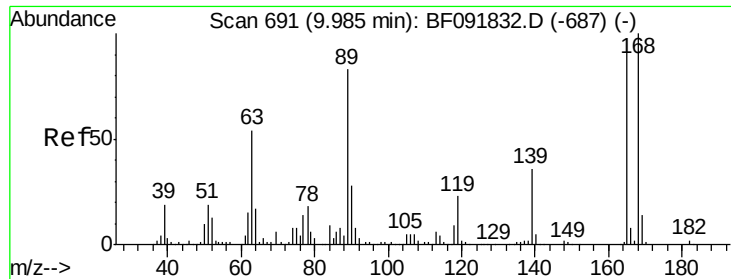
Tgt Ion:172 Resp: 198064
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.4 44.0
 170 22.8 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 9.15 ng
 RT: 9.55 min Scan# 692
 Delta R.T. 0.07 min
 Lab File: BF092413.D
 Acq: 21 Jan 2017 15:22

Tgt Ion:165 Resp: 50376
 Ion Ratio Lower Upper
 165 100
 63 0.7 36.2 54.4#
 89 1.0 40.2 60.4#

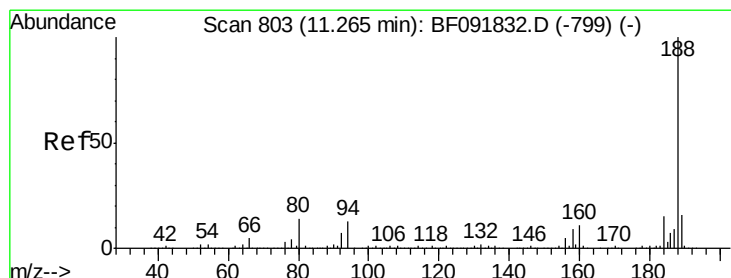
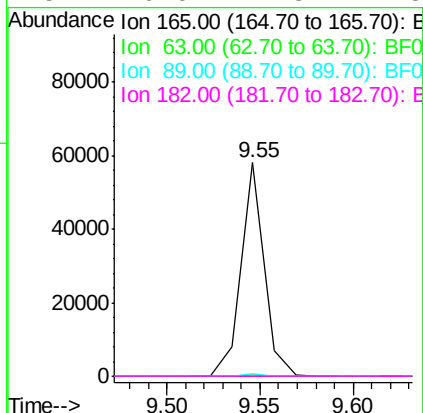
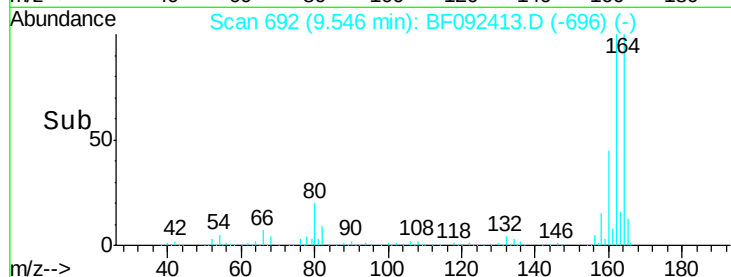
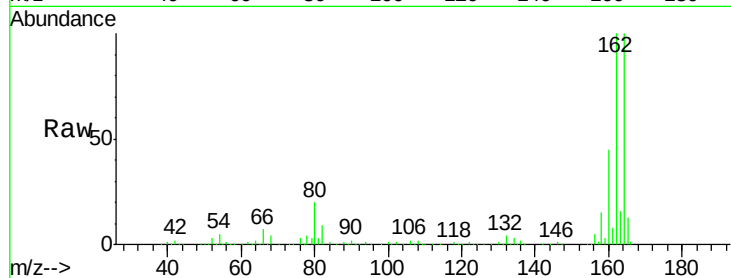




#56
 2,4-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.55 min Scan# 692
 Delta R.T. -0.34 min
 Lab File: BF092413.D
 Acq: 21 Jan 2017 15:22

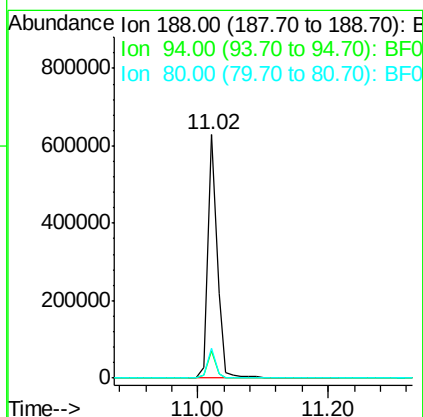
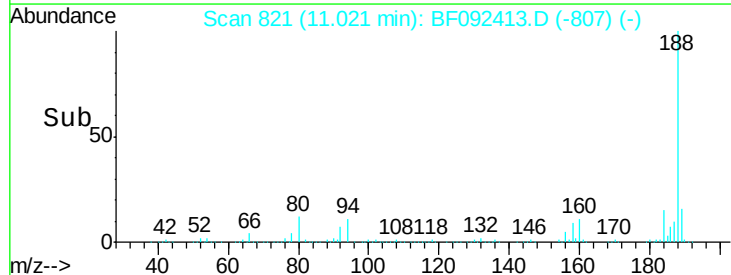
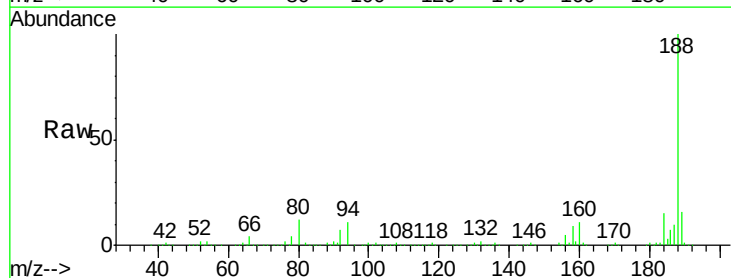
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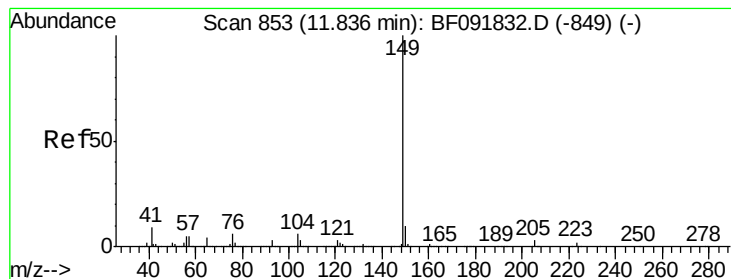
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 821
 Delta R.T. -0.14 min
 Lab File: BF092413.D
 Acq: 21 Jan 2017 15:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	10.0	15.0
80	12.3	11.2	16.8





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.60 min Scan# 872

Delta R.T. -0.12 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-ARE

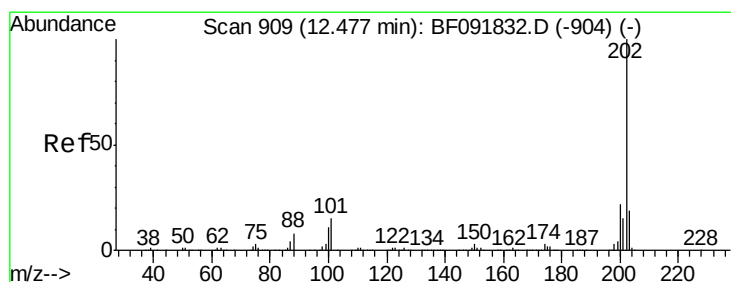
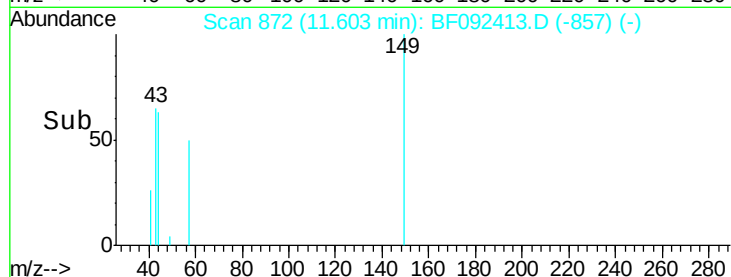
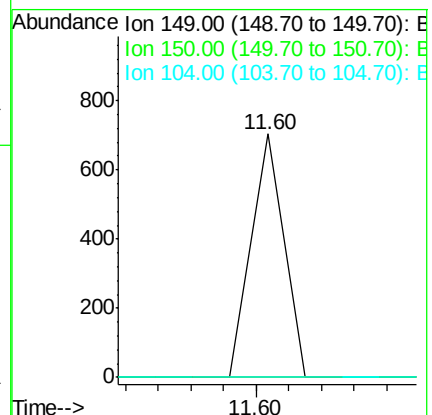
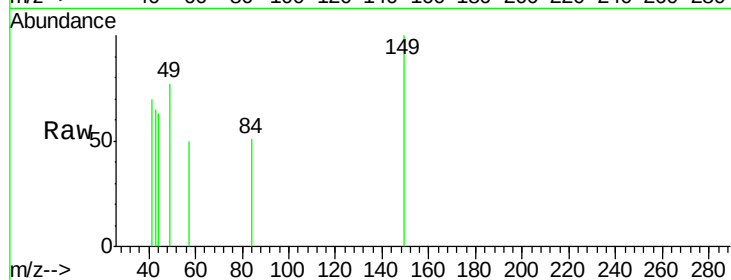
Tgt Ion:149 Resp: 483

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: 12.24 min Scan# 928

Delta R.T. -0.12 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

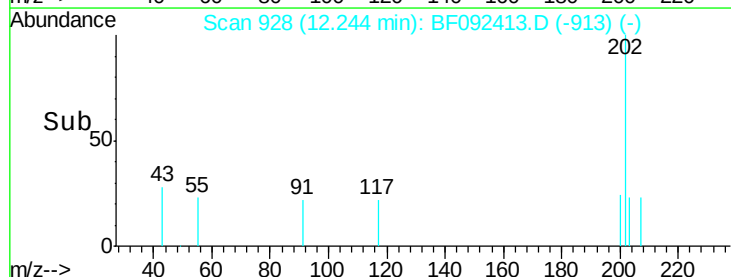
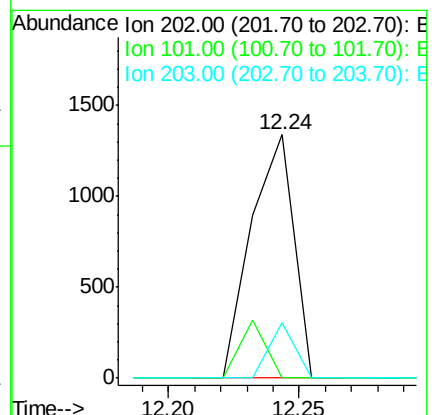
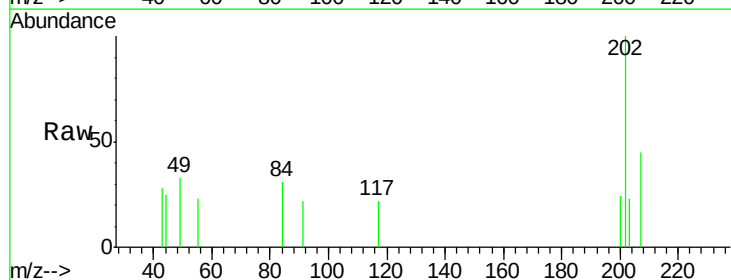
Tgt Ion:202 Resp: 1536

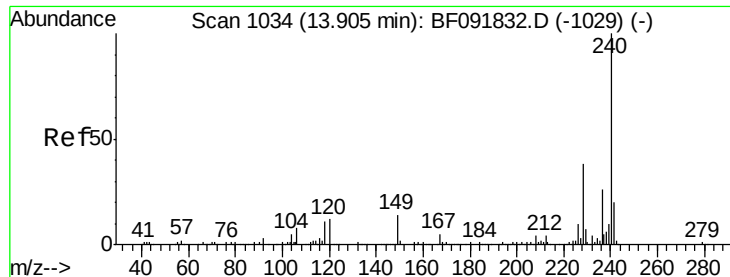
Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

203 22.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1051

Delta R.T. -0.14 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

Instrument :

BNA_F

ClientSampleId :

FK-GF-02-001-ARE

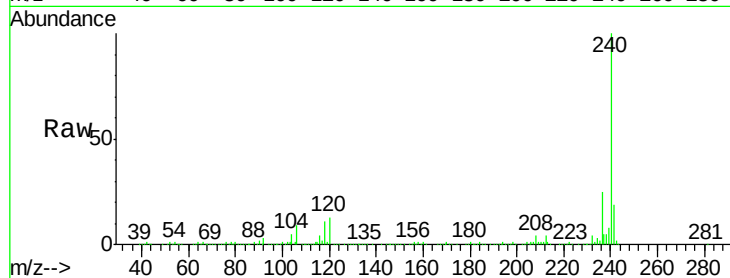
Tgt Ion:240 Resp: 509271

Ion Ratio Lower Upper

240 100

120 13.0 12.9 19.3

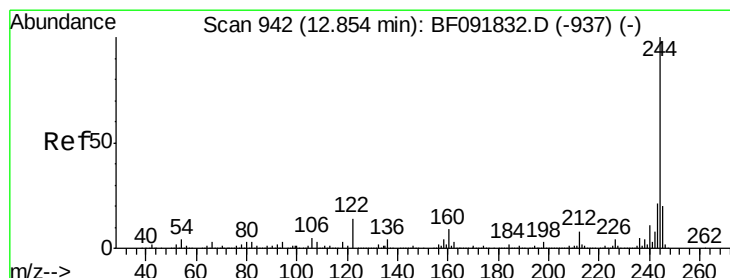
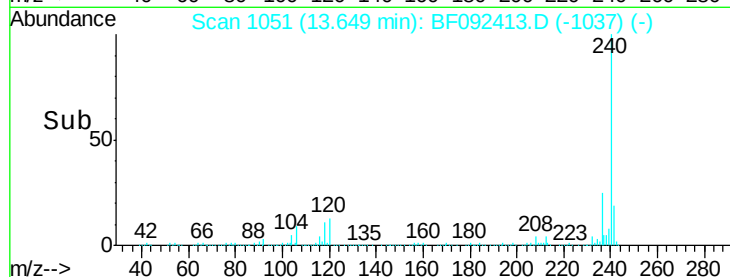
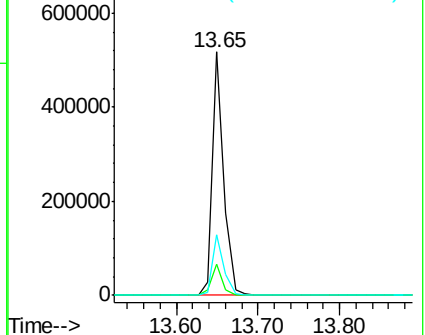
236 25.1 20.9 31.3



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: 9.96 ng

RT: 12.61 min Scan# 960

Delta R.T. -0.14 min

Lab File: BF092413.D

Acq: 21 Jan 2017 15:22

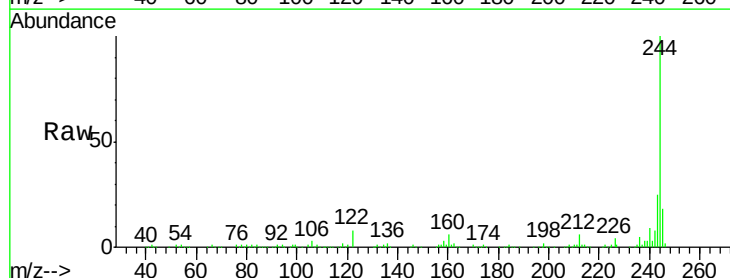
Tgt Ion:244 Resp: 209184

Ion Ratio Lower Upper

244 100

212 6.0 6.2 9.2#

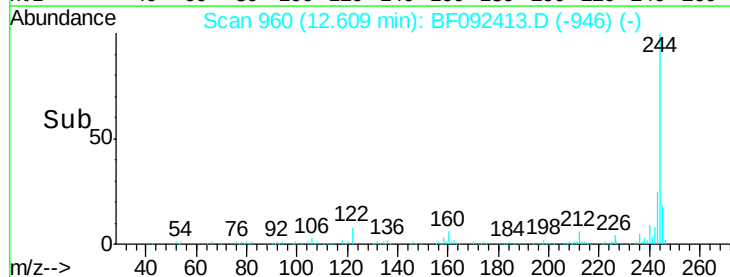
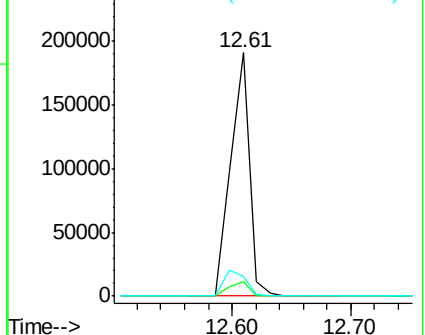
122 8.2 11.4 17.2#

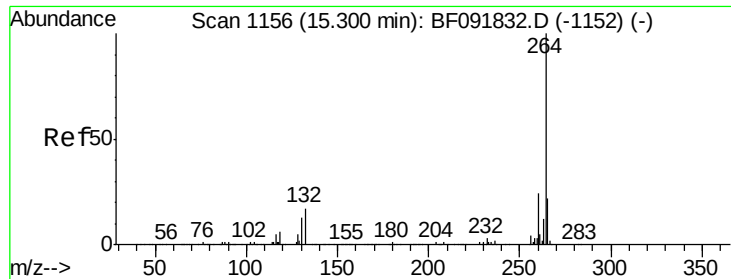


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.00 min Scan# 1169
Delta R.T. -0.15 min
Lab File: BF092413.D
Acq: 21 Jan 2017 15:22

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

Tgt Ion: 264 Resp: 391610
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.0 17.4 26.0

