

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
 Data File : BF092416.D
 Acq On : 21 Jan 2017 16:49
 Operator : UM/SJ
 Sample : I1265-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5

Quant Time: Jan 23 00:42:51 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

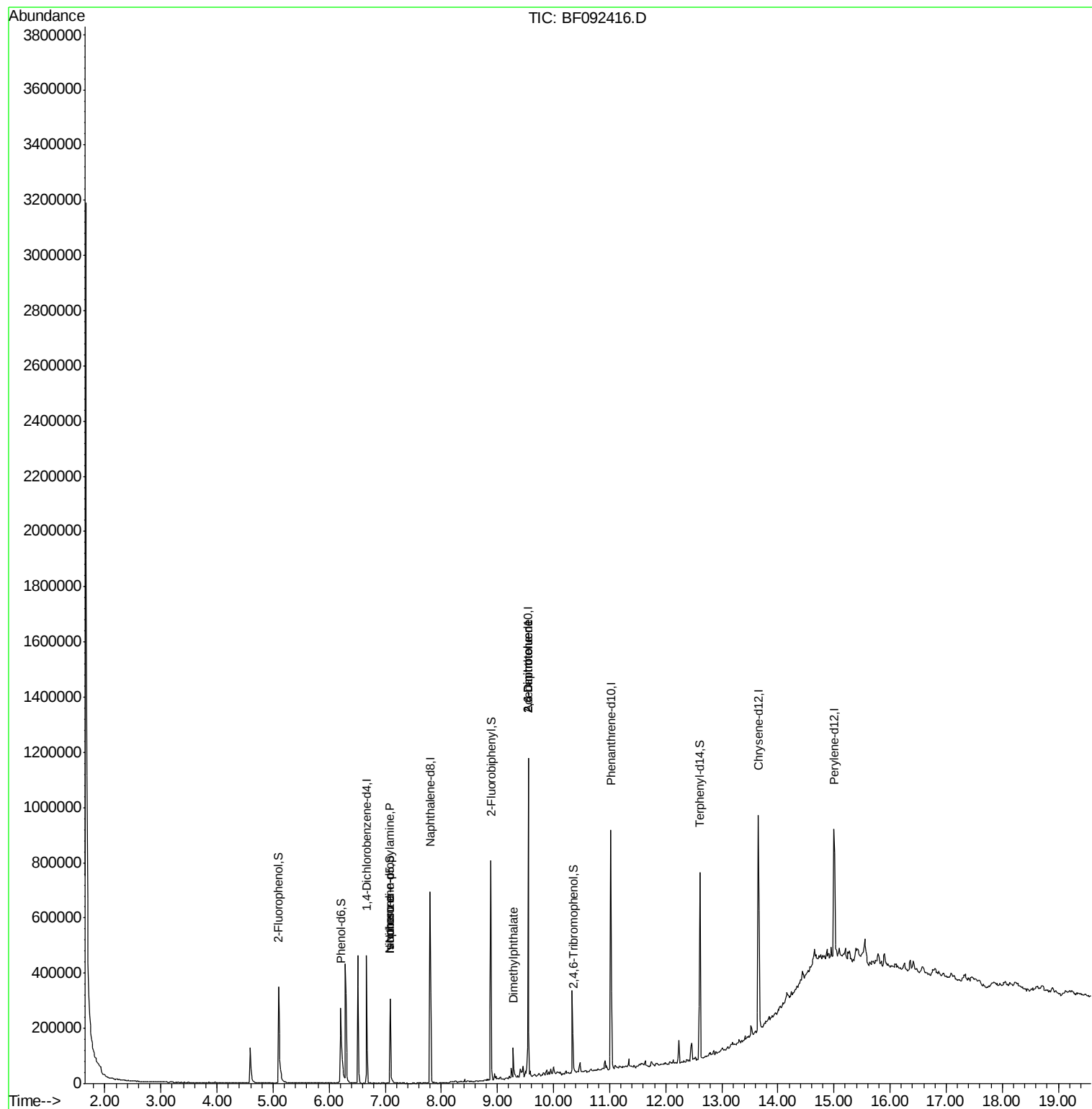
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	72482	20.00	ng	0.02
21) Naphthalene-d8	7.80	136	369731	20.00	ng	-0.14
38) Acenaphthene-d10	9.55	164	232998	20.00	ng	-0.14
63) Phenanthrene-d10	11.02	188	336069	20.00	ng	-0.14
75) Chrysene-d12	13.65	240	323794	20.00	ng	-0.14
86) Perylene-d12	15.00	264	247455	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	159280	36.69	ng	-0.14
7) Phenol-d6	6.21	99	199865	37.71	ng	-0.10
23) Nitrobenzene-d5	7.09	82	114634	17.24	ng	-0.12
41) 2,4,6-Tribromophenol	10.35	330	40051	20.77	ng	-0.12
44) 2-Fluorobiphenyl	8.88	172	271854	12.98	ng	-0.12
78) Terphenyl-d14	12.61	244	213687	16.01	ng	-0.14
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.09	70	15243	4.32	ng	# 74
25) Isophorone	7.09	82	105237	8.58	ng	# 65
37) 2-Methylnaphthalene	8.52	142	1303	Below Cal	#	90
49) Dimethylphthalate	9.28	163	45725	3.07	ng	100
50) 2,6-Dinitrotoluene	9.55	165	30306	9.29	ng	# 30
56) 2,4-Dinitrotoluene	9.55	165	30307	7.40	ng	# 19
71) Anthracene	11.10	178	4889	Below Cal	#	96
73) Di-n-butylphthalate	11.60	149	1631	Below Cal	#	76
74) Fluoranthene	12.23	202	33508	Below Cal	#	96
76) Benzidine	12.37	184	448	Below Cal	#	1

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

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QLast Update : Fri Jan 06 15:43:51 2017
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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: BF092416.D

Acq: 21 Jan 2017 16:49

Instrument :

BNA_F

ClientSampleId :

B-5

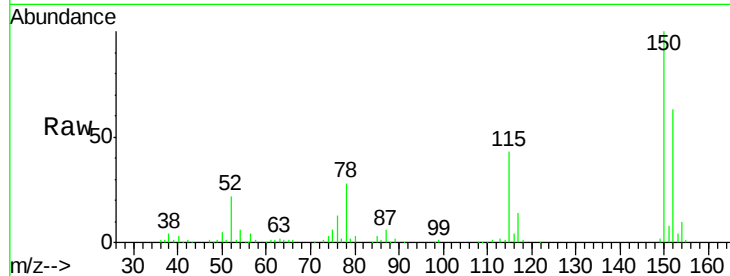
Tgt Ion:152 Resp: 72482

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

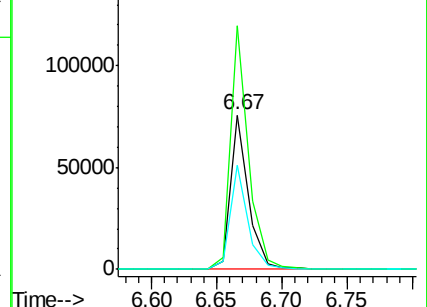
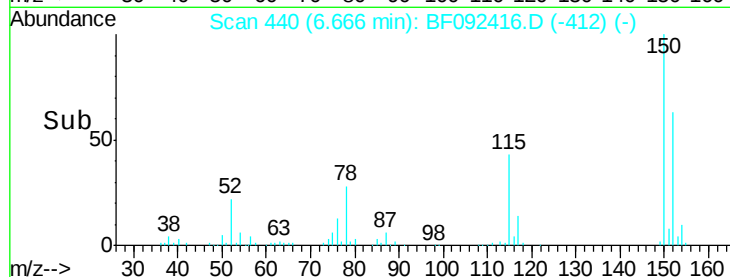
115 67.0 46.0 69.0



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: 36.69 ng

RT: 5.10 min Scan# 303

Delta R.T. -0.14 min

Lab File: BF092416.D

Acq: 21 Jan 2017 16:49

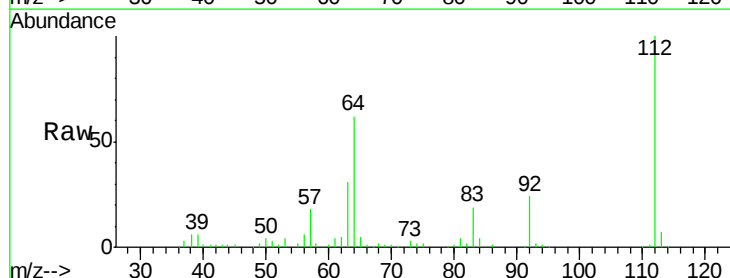
Tgt Ion:112 Resp: 159280

Ion Ratio Lower Upper

112 100

64 61.5 46.1 69.1

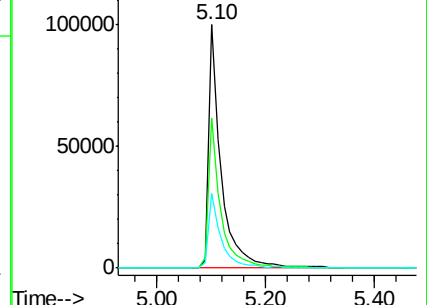
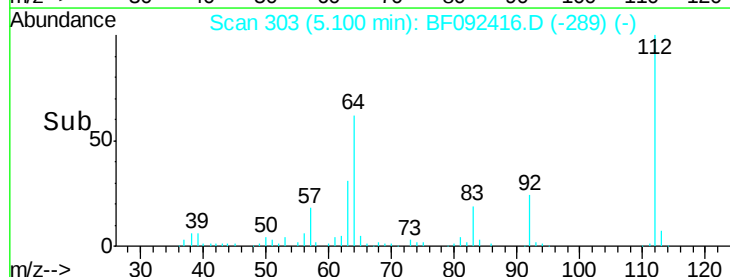
63 30.5 23.8 35.6



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: 37.71 ng

RT: 6.21 min Scan# 400

Delta R.T. -0.10 min

Lab File: BF092416.D

Acq: 21 Jan 2017 16:49

Instrument :

BNA_F

ClientSampled :

B-5

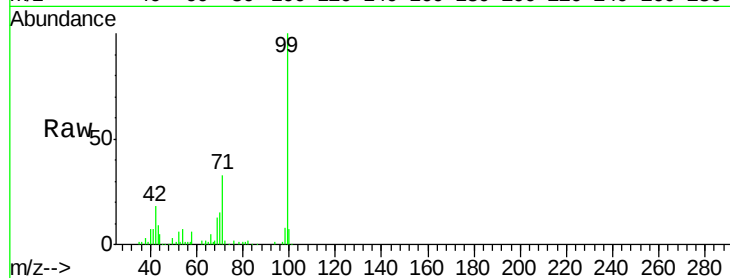
Tgt Ion: 99 Resp: 199865

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

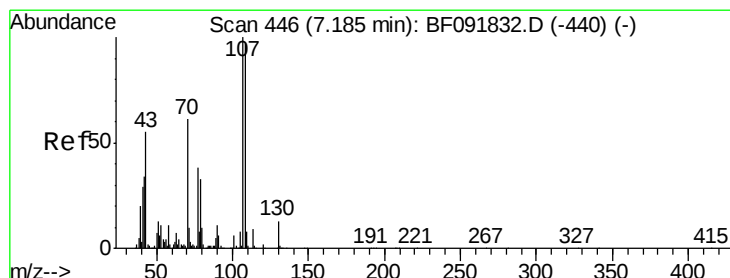
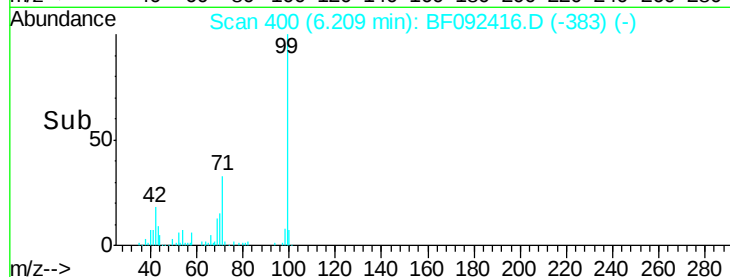
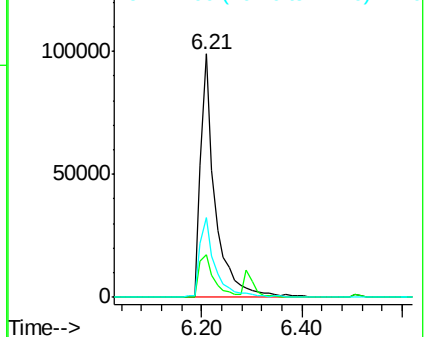
71 32.8 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 4.32 ng

RT: 7.09 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF092416.D

Acq: 21 Jan 2017 16:49

Tgt Ion: 70 Resp: 15243

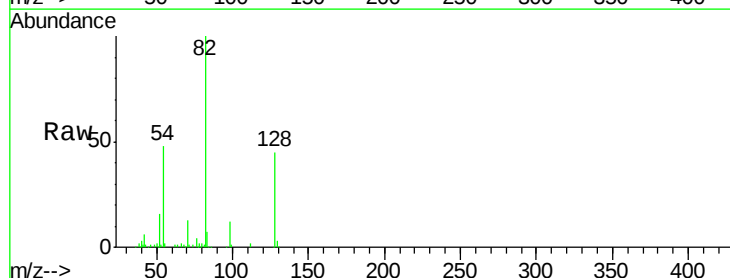
Ion Ratio Lower Upper

70 100

42 44.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

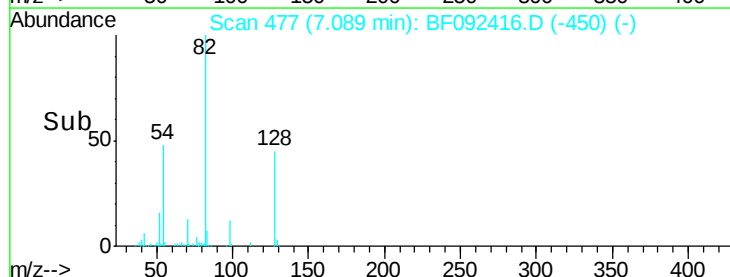
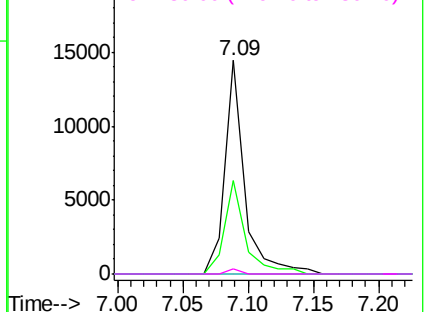


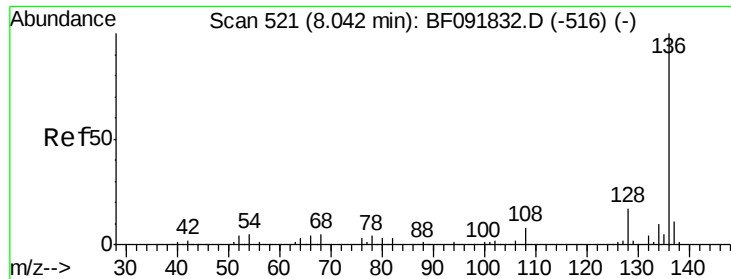
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

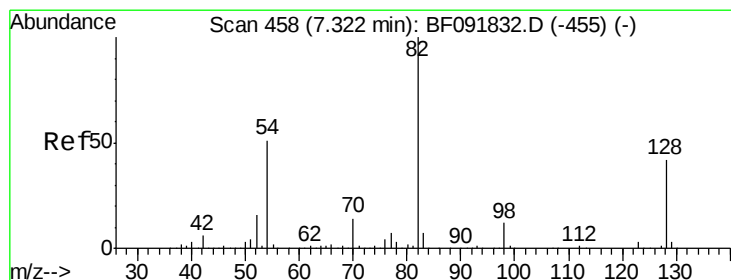
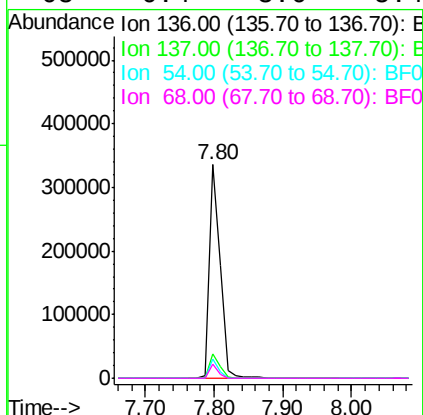
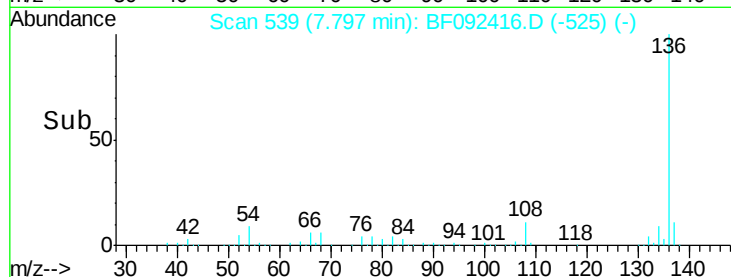
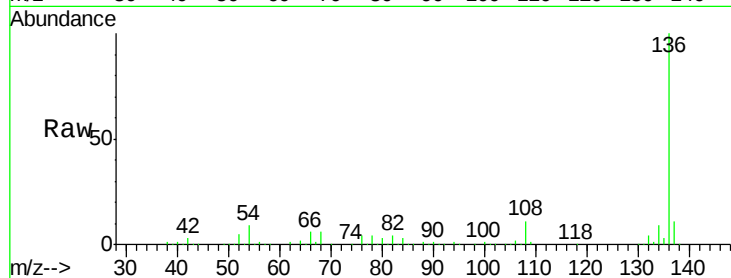




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 539
Delta R.T. -0.14 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

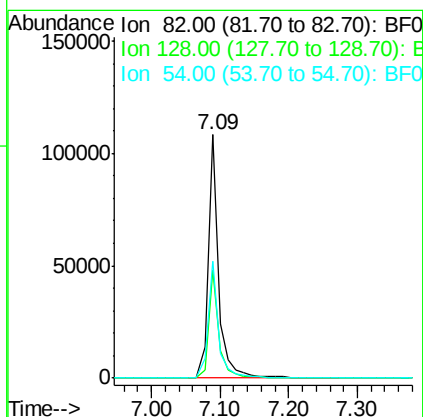
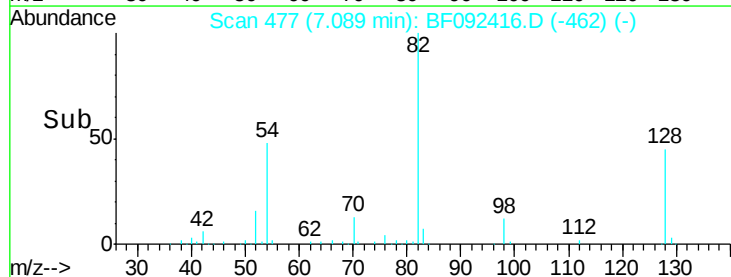
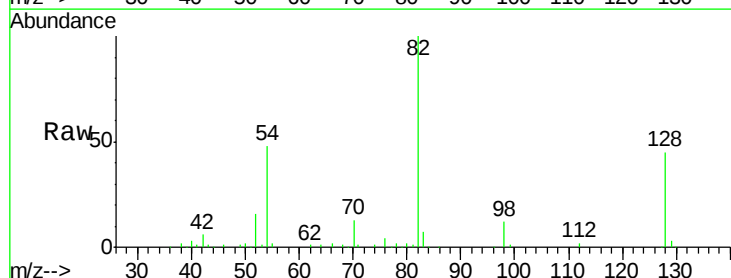
Instrument :
BNA_F
ClientSampleId :
B-5

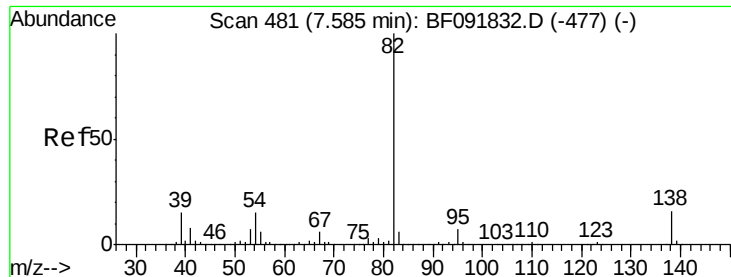
Tgt Ion:	136	Resp:	369731
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.2	4.5	6.7#
68	6.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 17.24 ng
RT: 7.09 min Scan# 477
Delta R.T. -0.12 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Tgt Ion:	82	Resp:	114634
Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.6	52.0
54	48.3	39.5	59.3





#25

Isophorone

Concen: 8.58 ng

RT: 7.09 min Scan# 477

Delta R.T. -0.39 min

Lab File: BF092416.D

Acq: 21 Jan 2017 16:49

Instrument :

BNA_F

ClientSampleId :

B-5

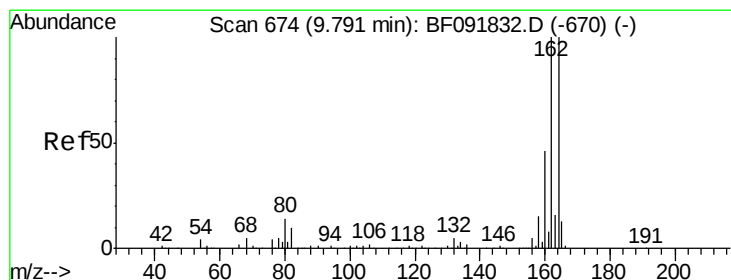
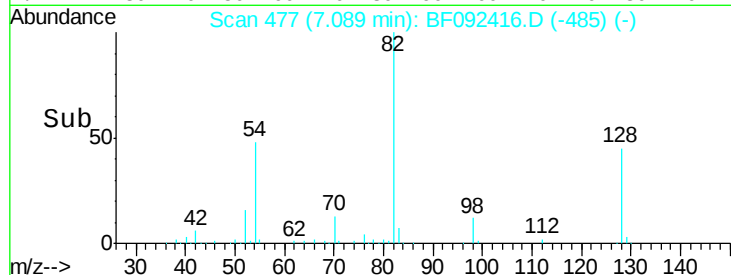
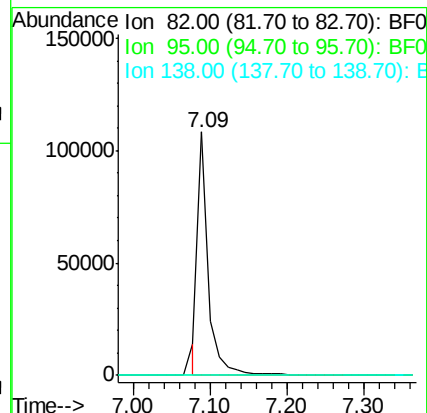
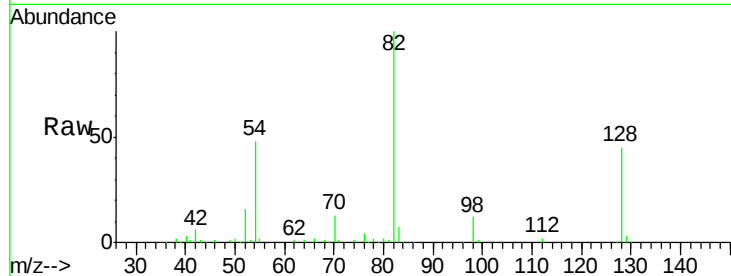
Tgt Ion: 82 Resp: 105237

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.55 min Scan# 692

Delta R.T. -0.14 min

Lab File: BF092416.D

Acq: 21 Jan 2017 16:49

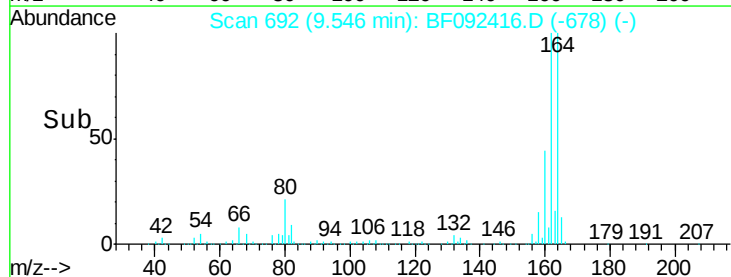
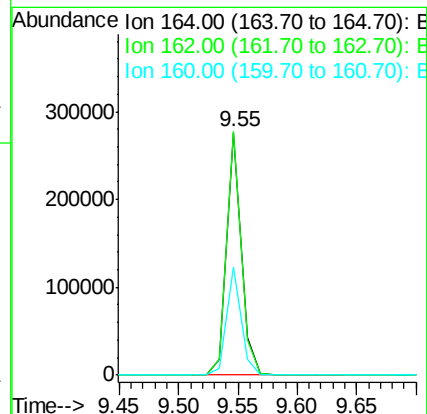
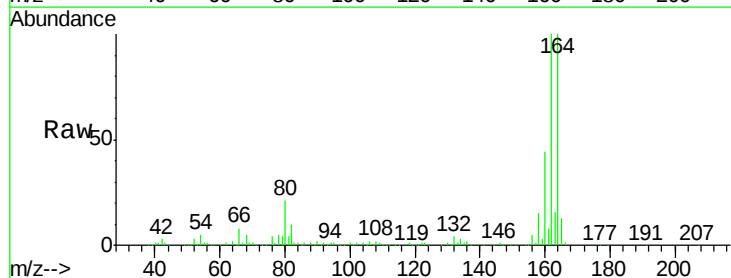
Tgt Ion: 164 Resp: 232998

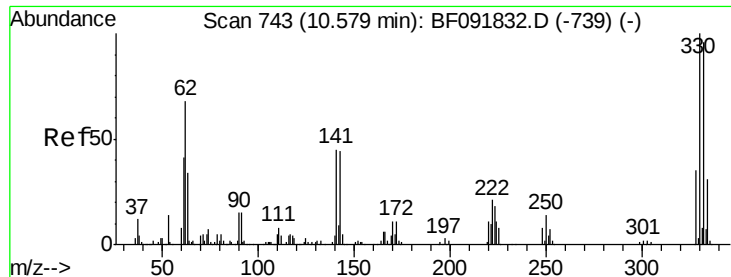
Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

160 44.6 36.9 55.3

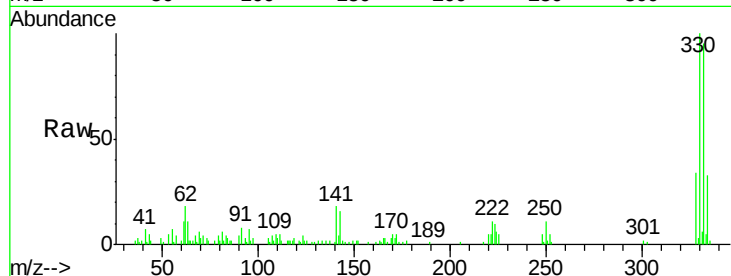




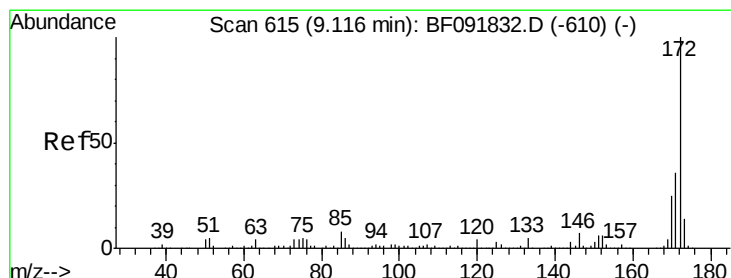
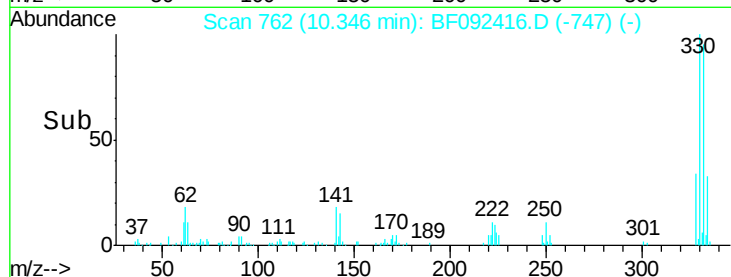
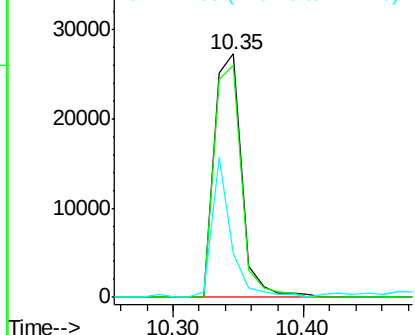
#41
 2,4,6-Tribromophenol
 Concen: 20.77 ng
 RT: 10.35 min Scan# 762
 Delta R.T. -0.12 min
 Lab File: BF092416.D
 Acq: 21 Jan 2017 16:49

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 330 Resp: 40051
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 40.5 34.1 51.1

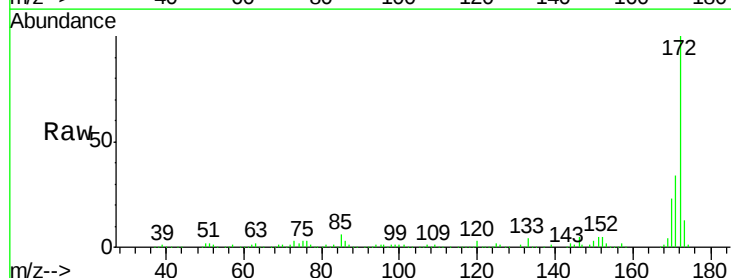


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

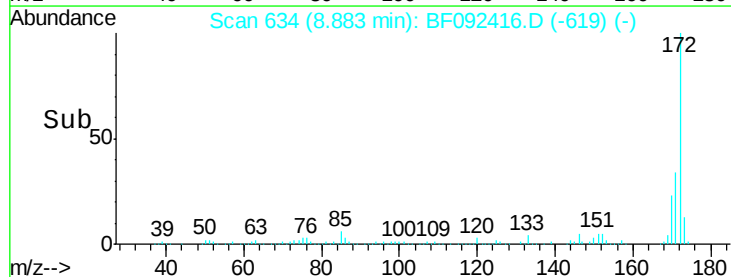
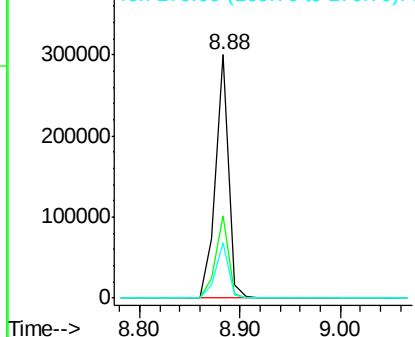


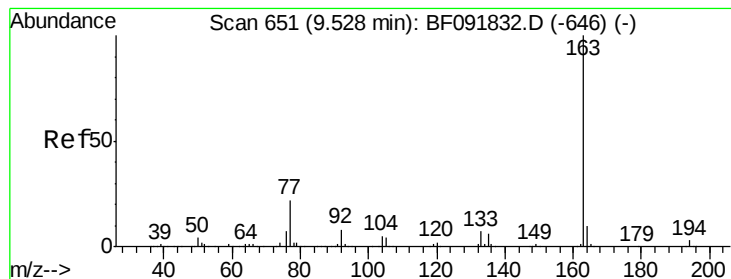
#44
 2-Fluorobiphenyl
 Concen: 12.98 ng
 RT: 8.88 min Scan# 634
 Delta R.T. -0.12 min
 Lab File: BF092416.D
 Acq: 21 Jan 2017 16:49

Tgt Ion: 172 Resp: 271854
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.4 44.0
 170 22.8 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





#49

Dimethylphthalate

Concen: 3.07 ng

RT: 9.28 min Scan# 669

Delta R.T. -0.14 min

Lab File: BF092416.D

Acq: 21 Jan 2017 16:49

Instrument :

BNA_F

ClientSampleId :

B-5

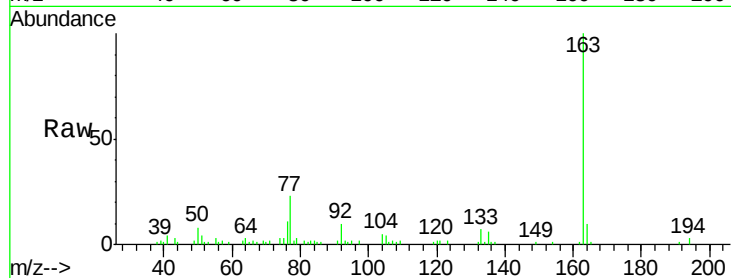
Tgt Ion:163 Resp: 45725

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

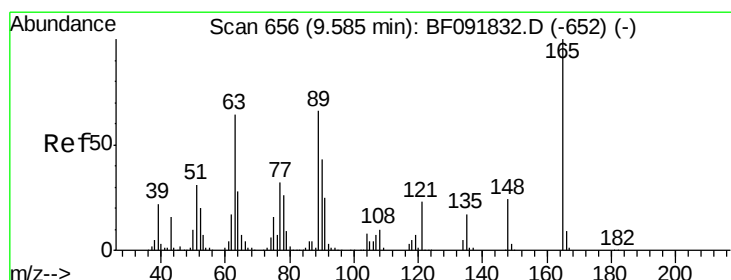
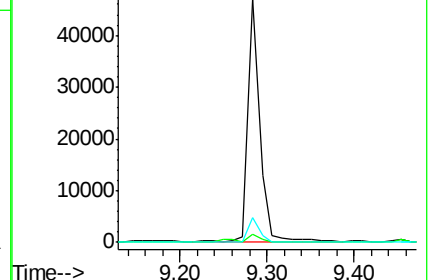
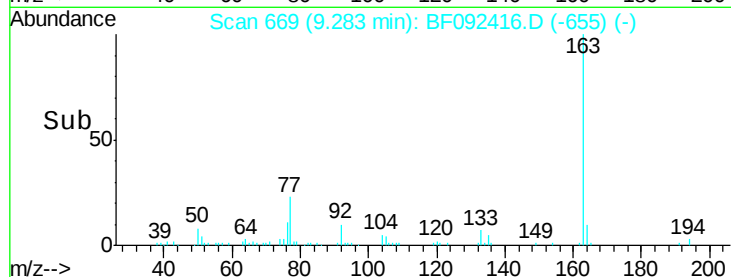
164 10.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 9.29 ng

RT: 9.55 min Scan# 692

Delta R.T. 0.07 min

Lab File: BF092416.D

Acq: 21 Jan 2017 16:49

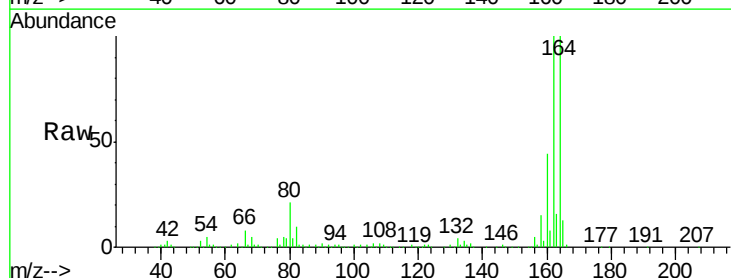
Tgt Ion:165 Resp: 30306

Ion Ratio Lower Upper

165 100

63 0.0 36.2 54.4#

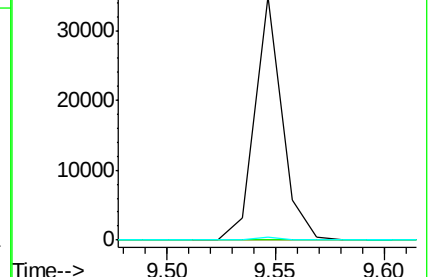
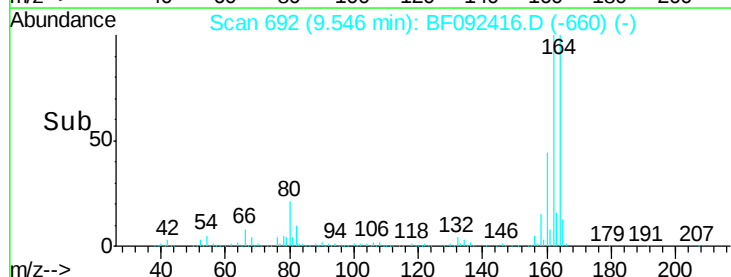
89 1.2 40.2 60.4#

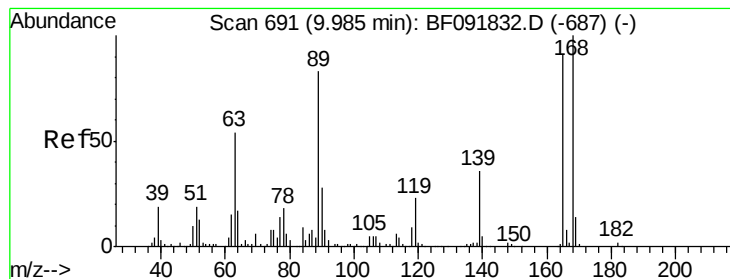


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

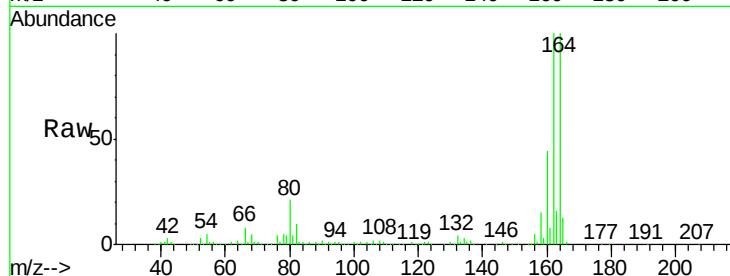




#56
2,4-Dinitrotoluene
Concen: 7.40 ng
RT: 9.55 min Scan# 692
Delta R.T. -0.34 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

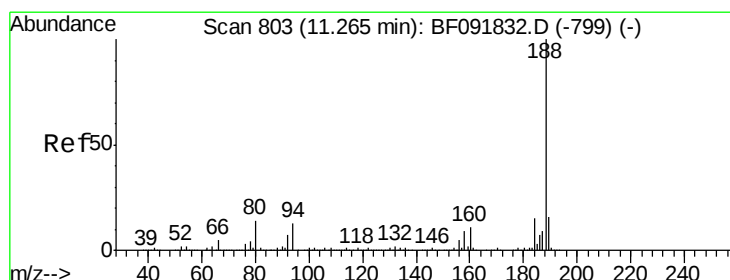
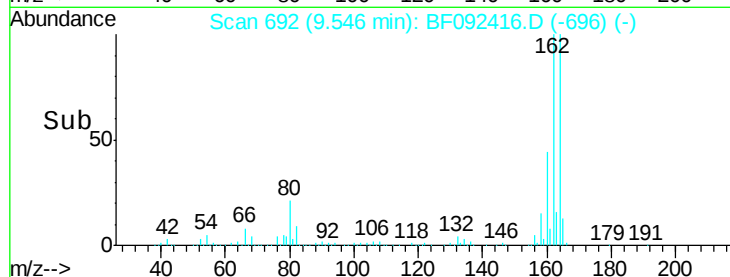
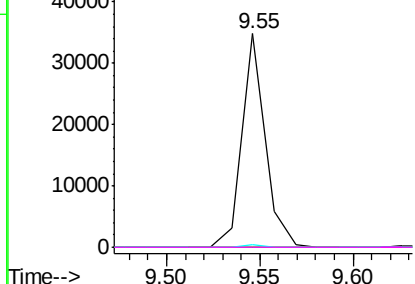


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

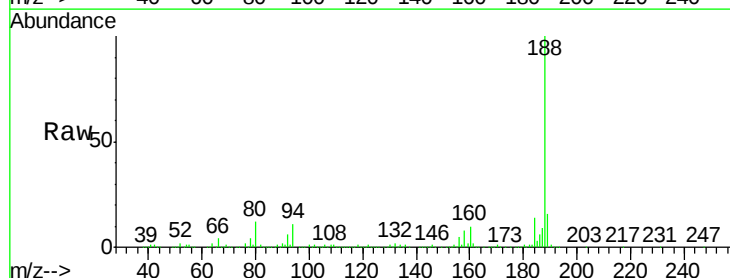
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 821
Delta R.T. -0.14 min
Lab File: BF092416.D
Acq: 21 Jan 2017 16:49

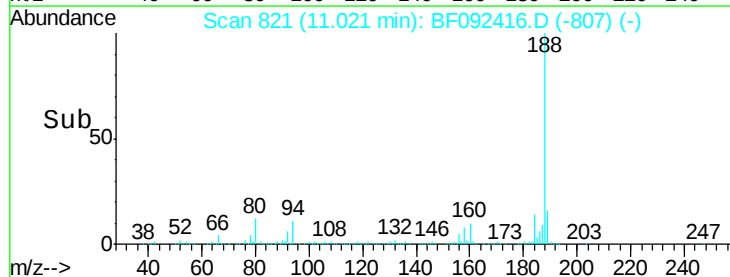
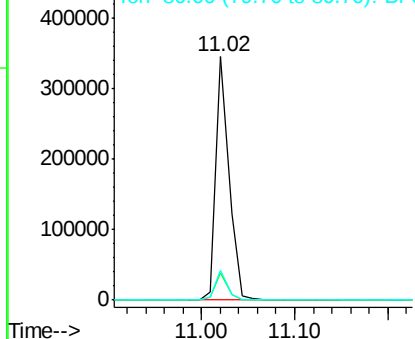
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	10.0	15.0
80	12.3	11.2	16.8

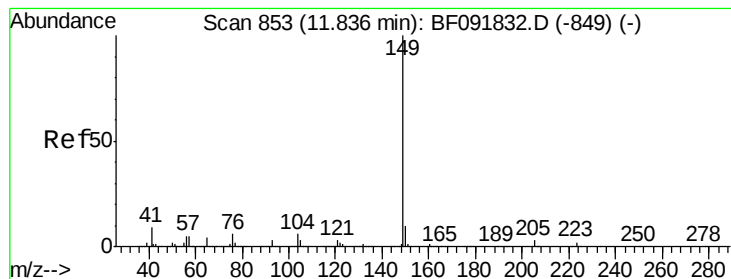


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.60 min Scan# 872

Delta R.T. -0.12 min

Lab File: BF092416.D

Acq: 21 Jan 2017 16:49

Instrument :

BNA_F

ClientSampled :

B-5

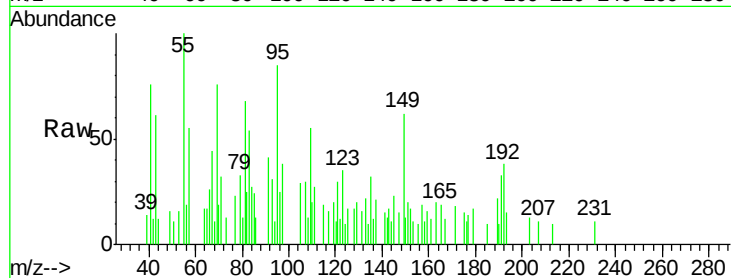
Tgt Ion:149 Resp: 1631

Ion Ratio Lower Upper

149 100

150 20.5 8.1 12.1#

104 0.0 4.6 7.0#

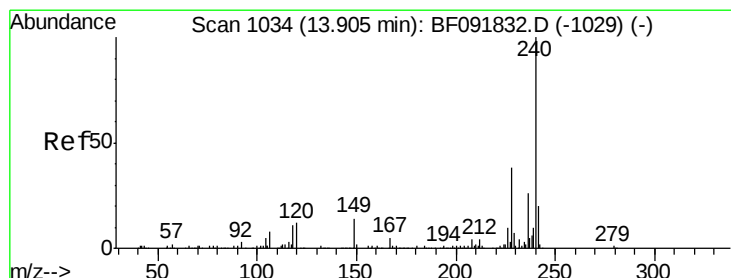
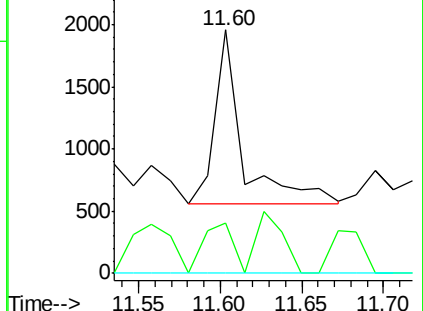
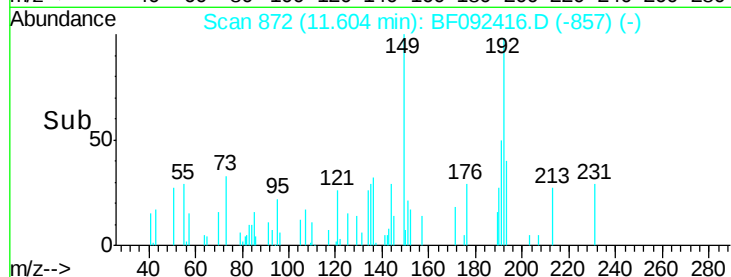


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1051

Delta R.T. -0.14 min

Lab File: BF092416.D

Acq: 21 Jan 2017 16:49

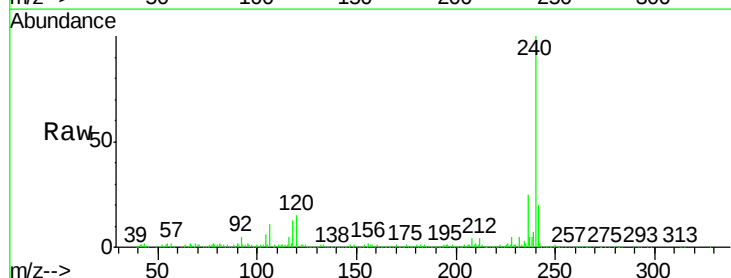
Tgt Ion:240 Resp: 323794

Ion Ratio Lower Upper

240 100

120 15.5 12.9 19.3

236 25.2 20.9 31.3

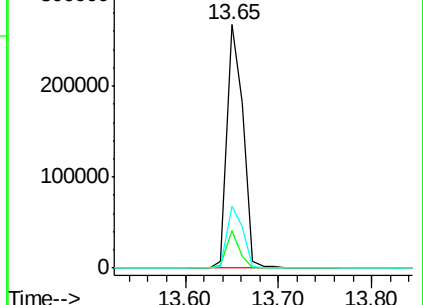
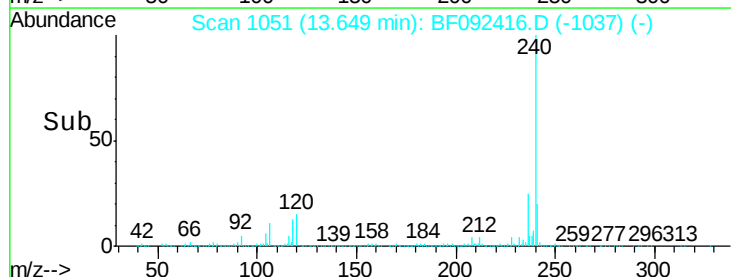


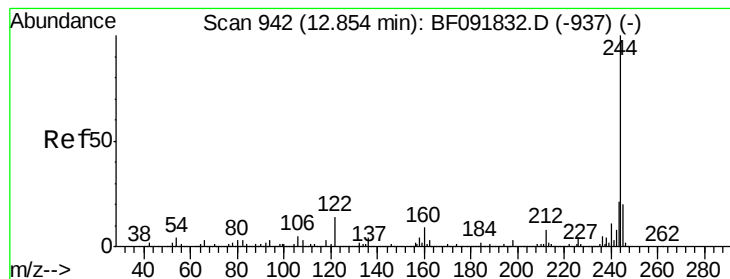
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#78

Terphenyl-d14

Concen: 16.01 ng

RT: 12.61 min Scan# 960

Delta R.T. -0.14 min

Lab File: BF092416.D

Acq: 21 Jan 2017 16:49

Instrument :

BNA_F

ClientSampleId :

B-5

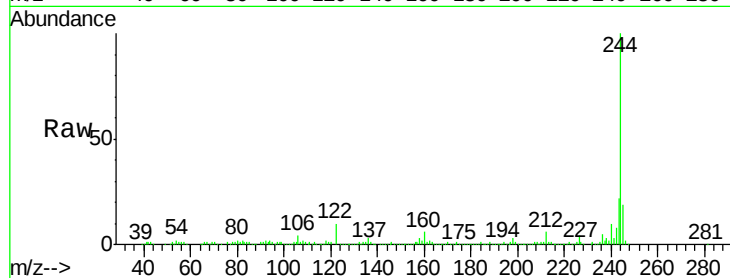
Tgt Ion:244 Resp: 213687

Ion Ratio Lower Upper

244 100

212 6.1 6.2 9.2#

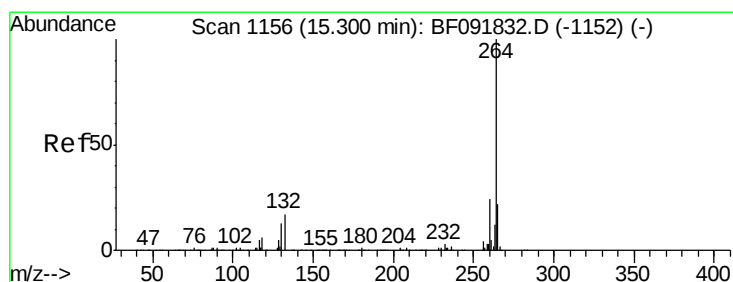
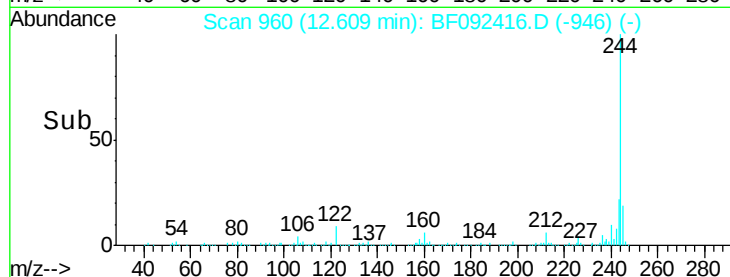
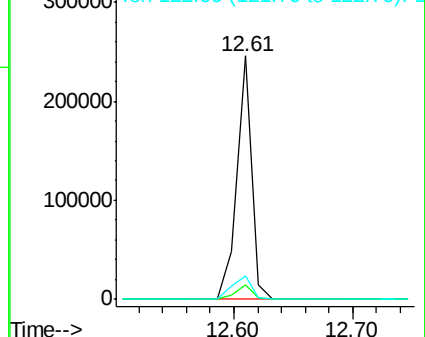
122 9.7 11.4 17.2#



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: BF092416.D

Acq: 21 Jan 2017 16:49

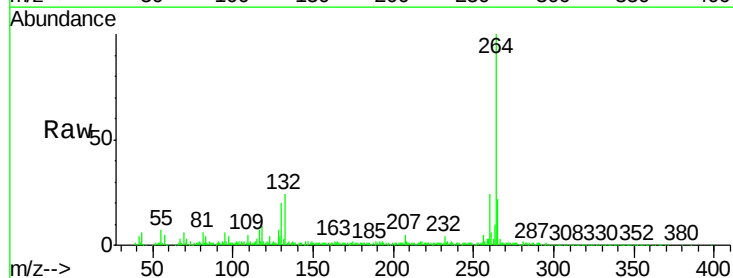
Tgt Ion:264 Resp: 247455

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.3 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

