

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
 Data File : BF092124.D
 Acq On : 6 Jan 2017 18:35
 Operator : UM/SJ
 Sample : I1025-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7-8-COMP10

Quant Time: Jan 06 22:13:46 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	6.64	152	198354	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	562729	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	267884	20.00	ng	-0.01
63) Phenanthrene-d10	11.16	188	377903	20.00	ng	0.00
75) Chrysene-d12	13.79	240	339594	20.00	ng	0.00
86) Perylene-d12	15.16	264	329265	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	1245129	104.81	ng	0.02
7) Phenol-d6	6.32	99	1239628	85.47	ng	0.01
23) Nitrobenzene-d5	7.21	82	918274	90.74	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	208735	94.15	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1136470	87.27	ng	0.00
78) Terphenyl-d14	12.73	244	758377	54.16	ng	-0.01

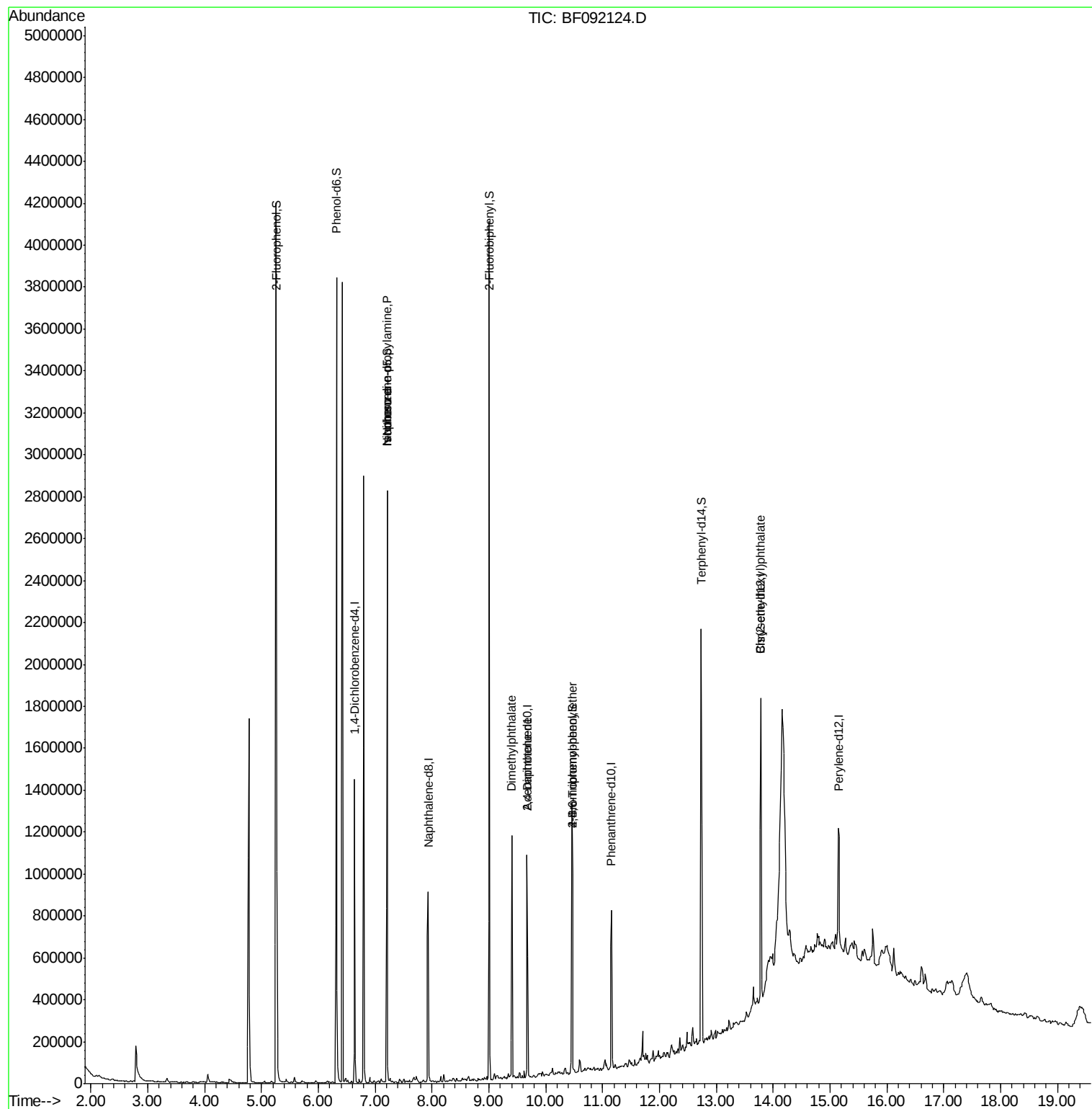
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.20	77	990	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	121543	12.60	ng	76
25) Isophorone	7.21	82	714082	38.25	ng	65
37) 2-Methylnaphthalene	8.73	142	2714	Below Cal		97
49) Dimethylphthalate	9.41	163	429353	25.06	ng	99
56) 2,4-Dinitrotoluene	9.67	165	34349	7.30	ng	20
66) 4-Bromophenyl-phenylether	10.47	248	12626	3.21	ng	1
73) Di-n-butylphthalate	11.73	149	7088	Below Cal	#	95
74) Fluoranthene	12.36	202	33788	Below Cal		98
76) Benizidine	12.45	184	420	Below Cal	#	1
83) Bis(2-ethylhexyl)phthalate	13.79	149	221554	16.60	ng	96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10

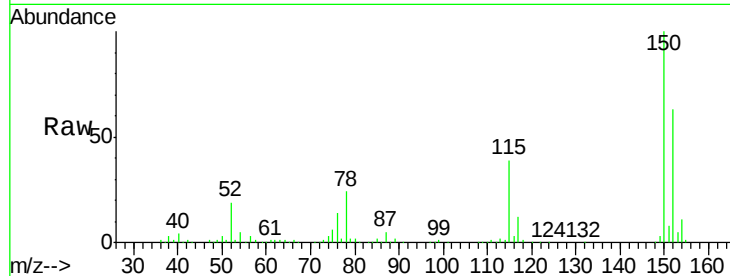
Tgt Ion:152 Resp: 198354

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

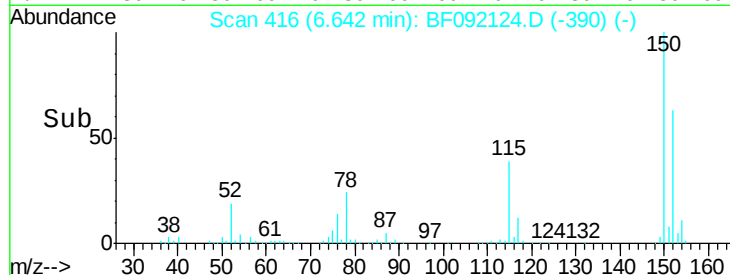
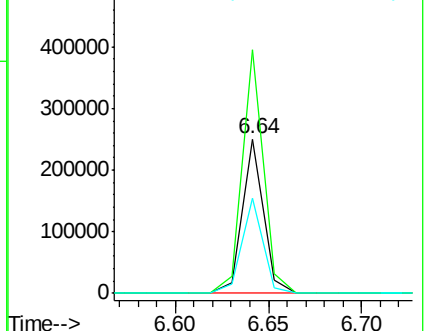
115 61.6 46.0 69.0



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: 104.81 ng

RT: 5.26 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

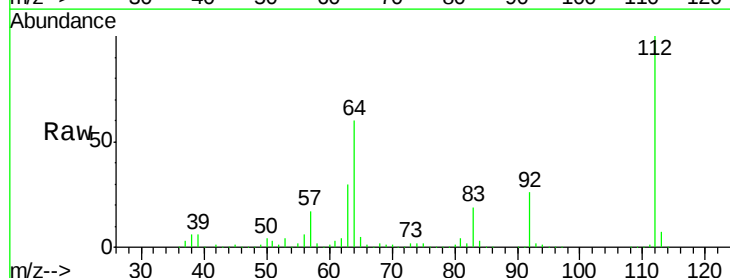
Tgt Ion:112 Resp: 1245129

Ion Ratio Lower Upper

112 100

64 60.1 46.1 69.1

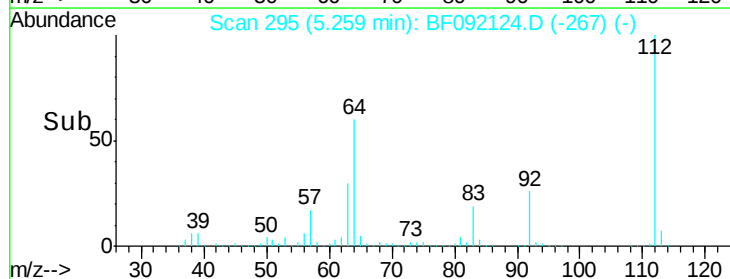
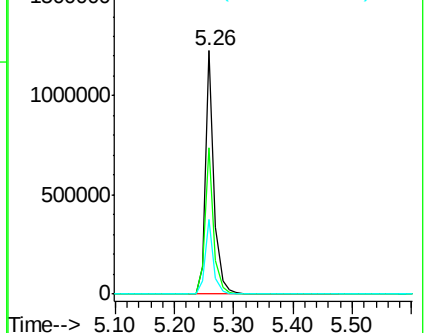
63 30.4 23.8 35.6



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: 85.47 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10

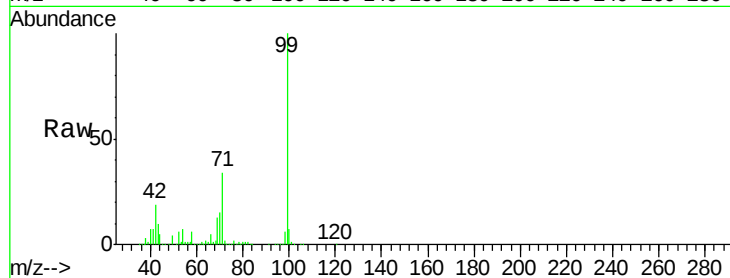
Tgt Ion: 99 Resp: 1239628

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

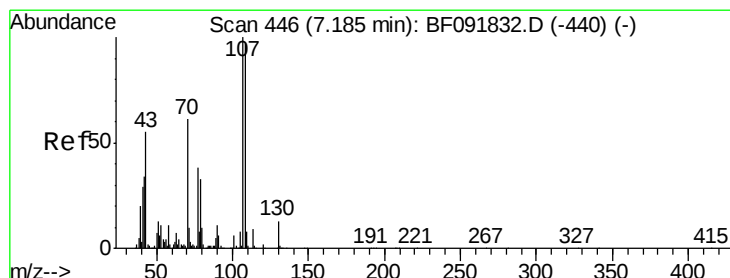
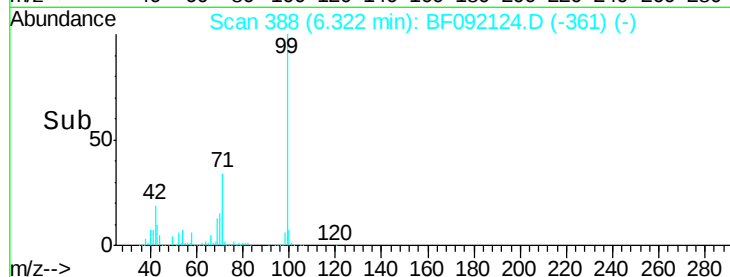
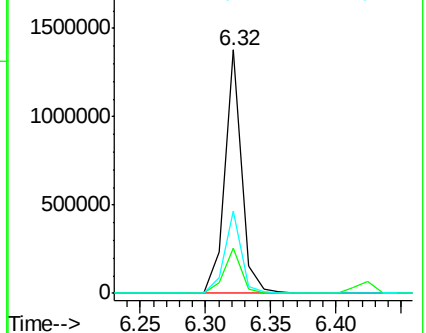
71 33.8 27.5 41.3



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: 12.60 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

Tgt Ion: 70 Resp: 121543

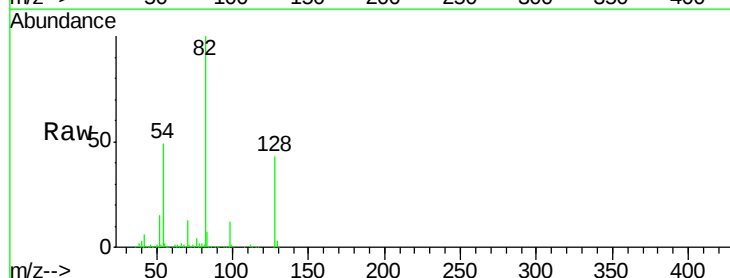
Ion Ratio Lower Upper

70 100

42 46.3 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

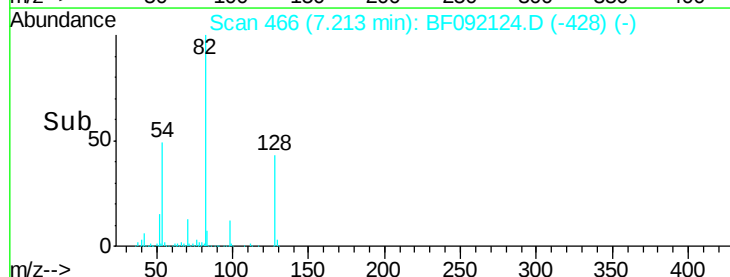
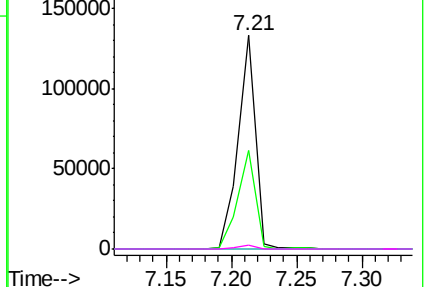


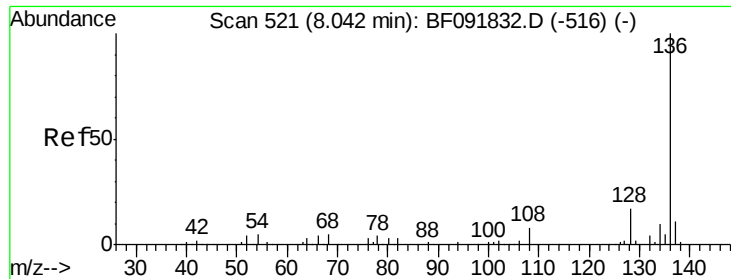
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

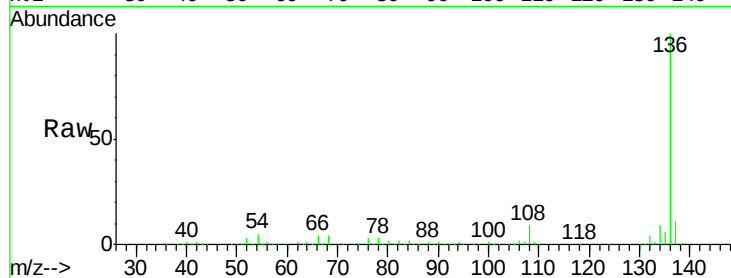




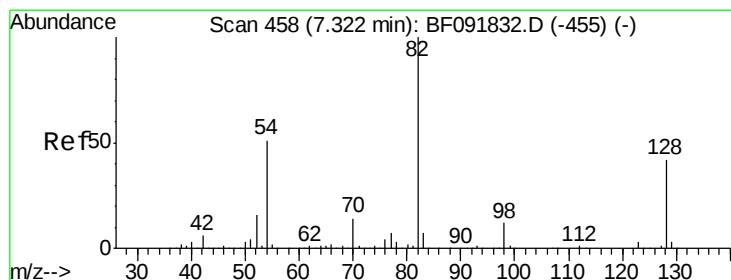
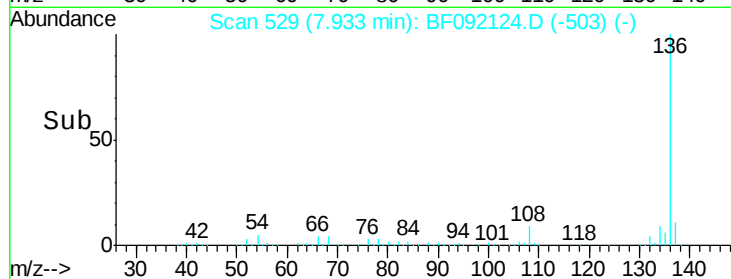
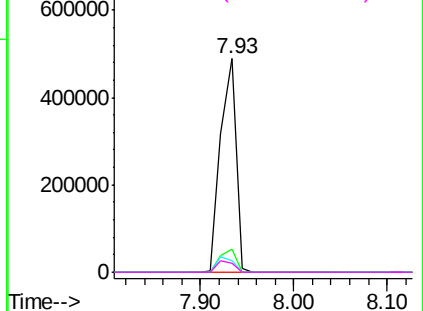
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092124.D
Acq: 6 Jan 2017 18:35

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10

Tgt Ion:	136	Resp:	562729
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	5.3	4.5	6.7
68	4.2	3.6	5.4

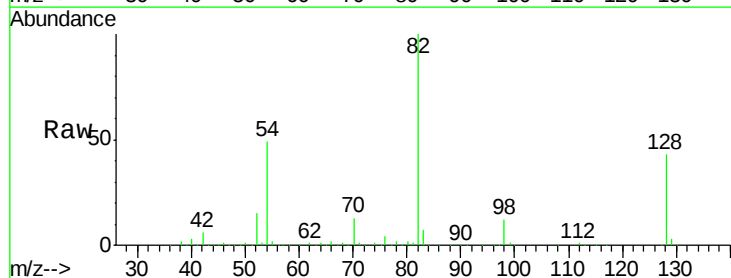


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

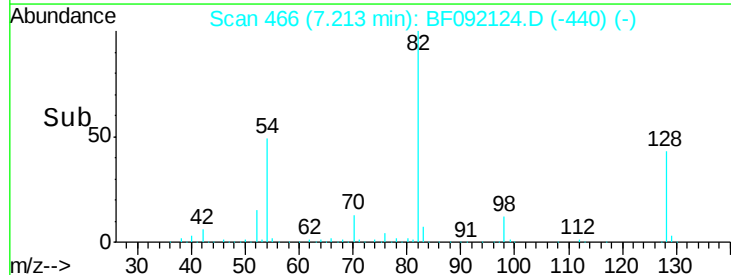
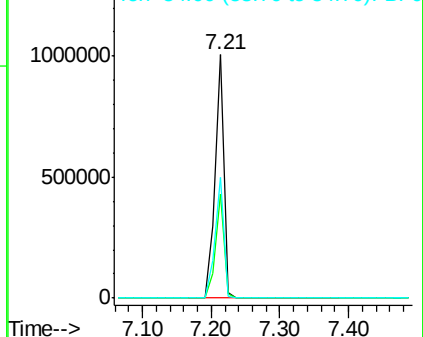


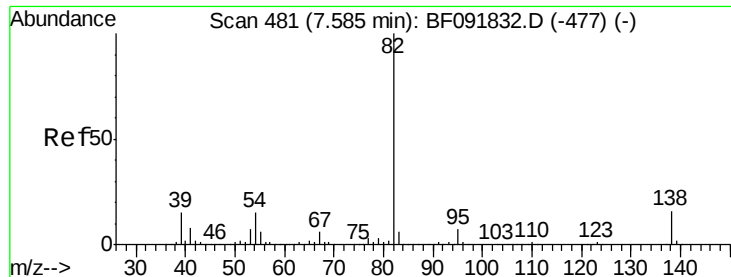
#23
Nitrobenzene-d5
Concen: 90.74 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092124.D
Acq: 6 Jan 2017 18:35

Tgt Ion:	82	Resp:	918274
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	49.5	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





#25

Isophorone

Concen: 38.25 ng

RT: 7.21 min Scan# 466

Delta R.T. -0.26 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10

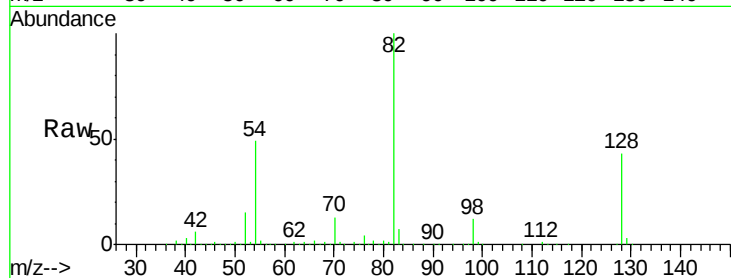
Tgt Ion: 82 Resp: 714082

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

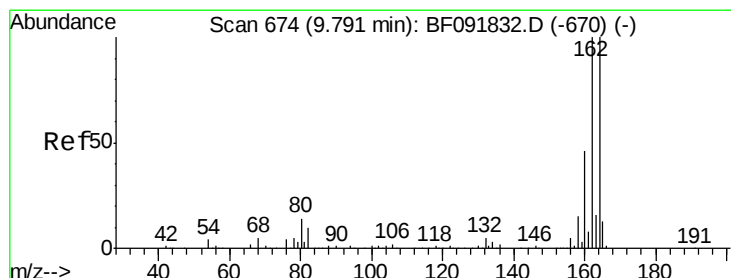
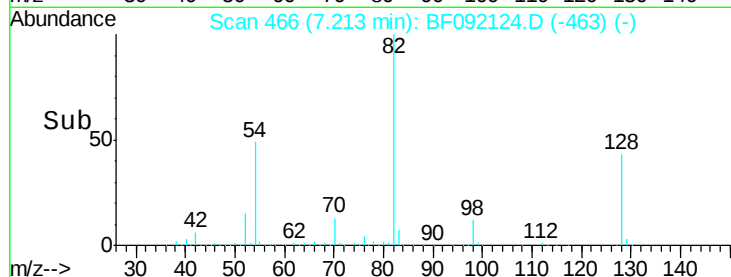
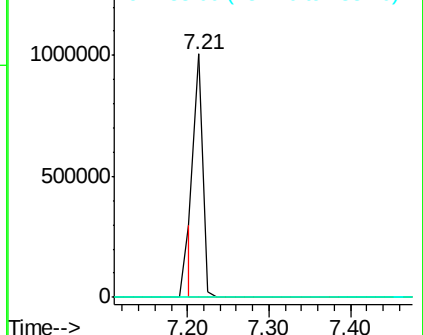
138 0.0 14.6 22.0#



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: 9.67 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

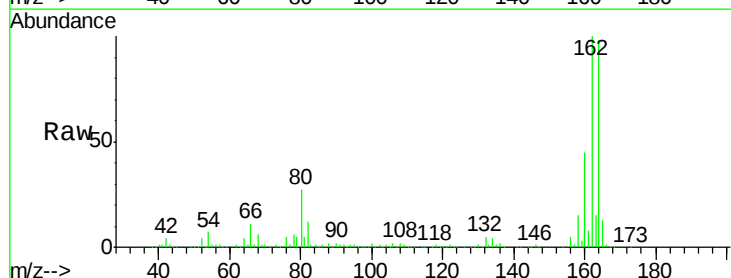
Tgt Ion: 164 Resp: 267884

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

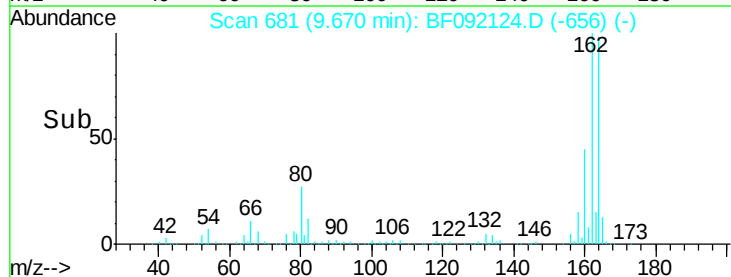
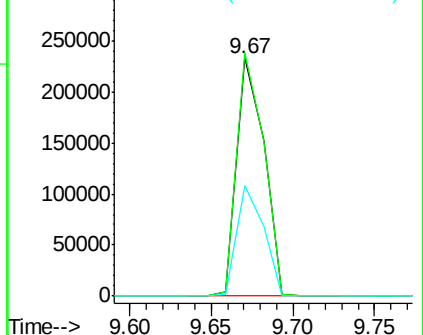
160 46.4 36.9 55.3

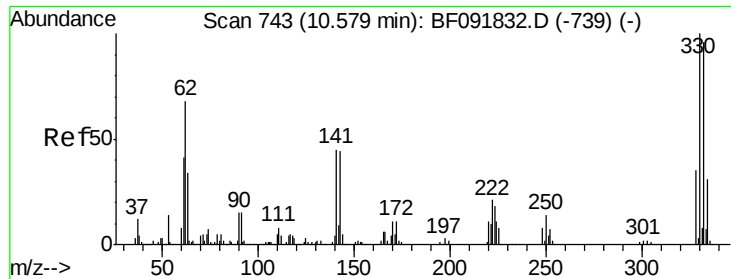


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

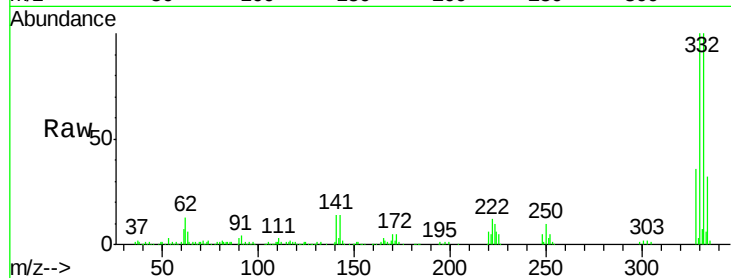




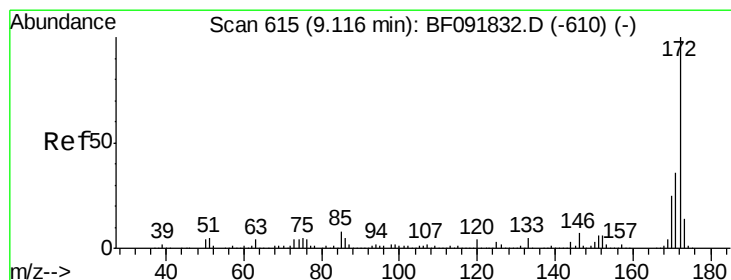
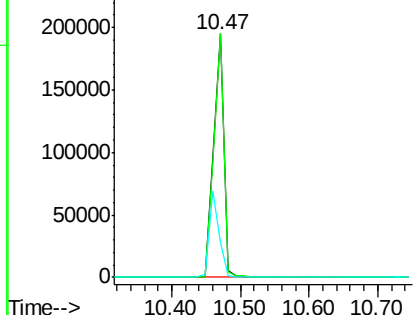
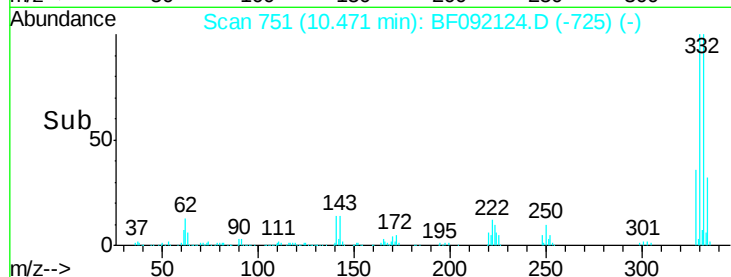
#41
 2,4,6-Tribromophenol
 Concen: 94.15 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092124.D
 Acq: 6 Jan 2017 18:35

Instrument :
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 ClientSampleId :
 TP7-8-COMP10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	34.3	34.1	51.1

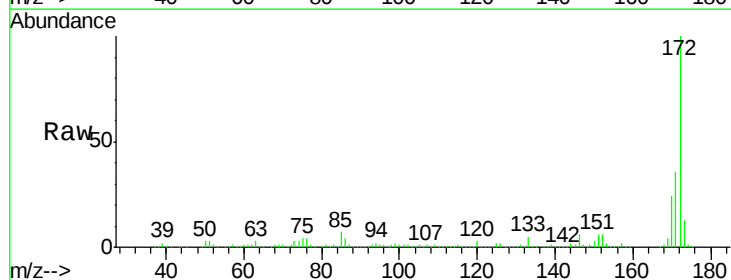


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

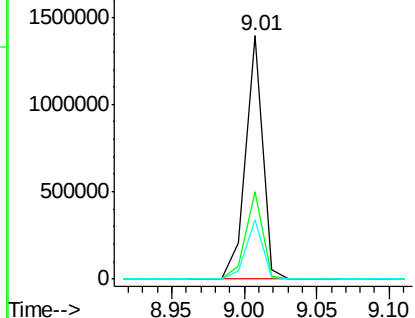
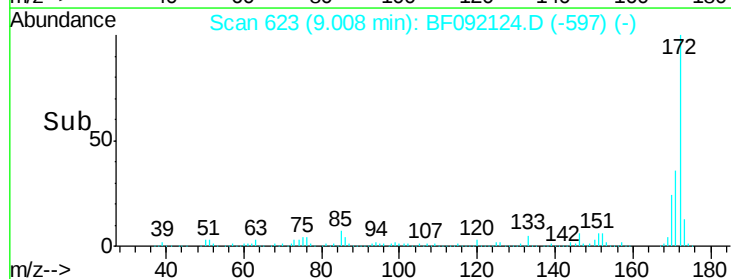


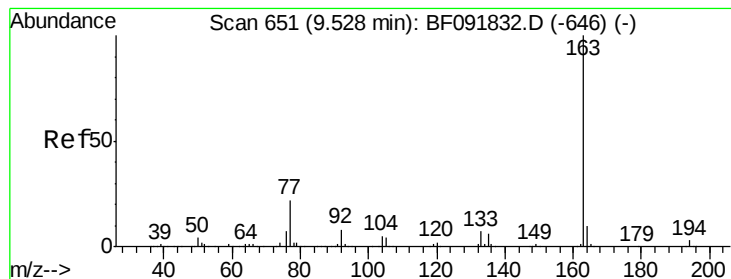
#44
 2-Fluorobiphenyl
 Concen: 87.27 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092124.D
 Acq: 6 Jan 2017 18:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.4	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: 25.06 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10

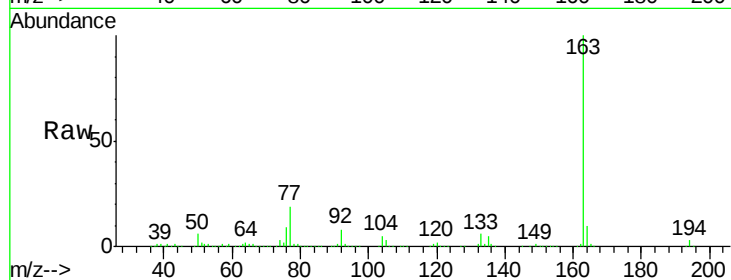
Tgt Ion:163 Resp: 429353

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

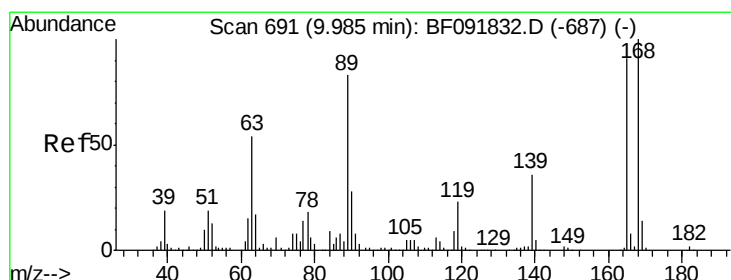
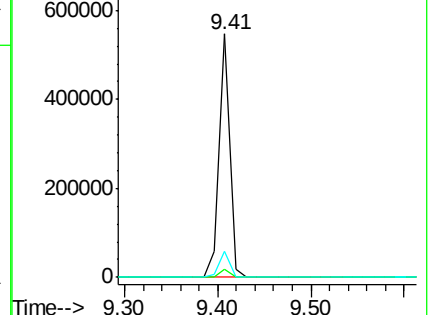
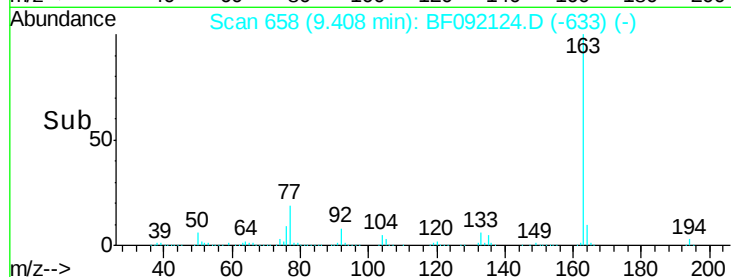
164 10.4 8.0 12.0



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



#56

2,4-Dinitrotoluene

Concen: 7.30 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.22 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

Tgt Ion:165 Resp: 34349

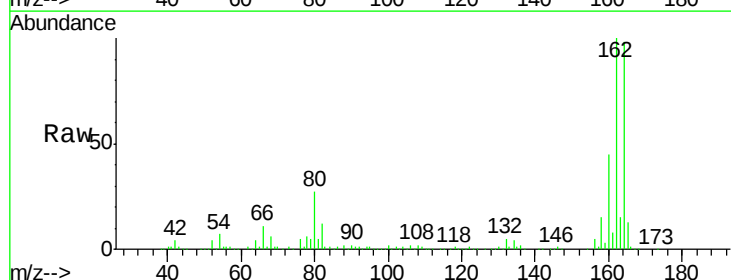
Ion Ratio Lower Upper

165 100

63 1.1 40.2 60.4#

89 1.7 62.5 93.7#

182 0.0 1.8 2.8#

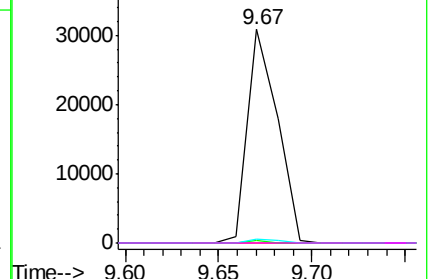
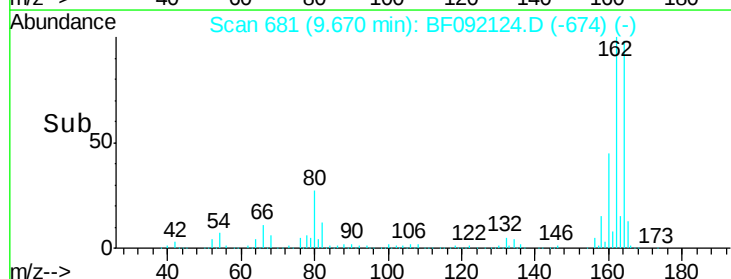


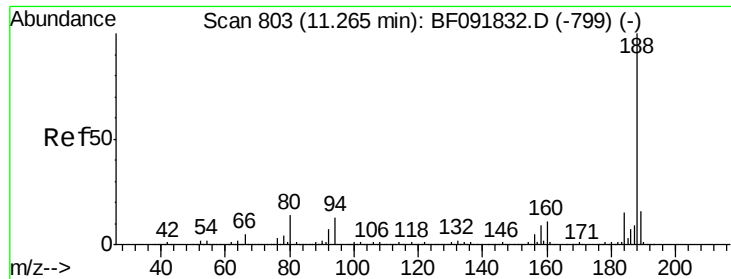
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10

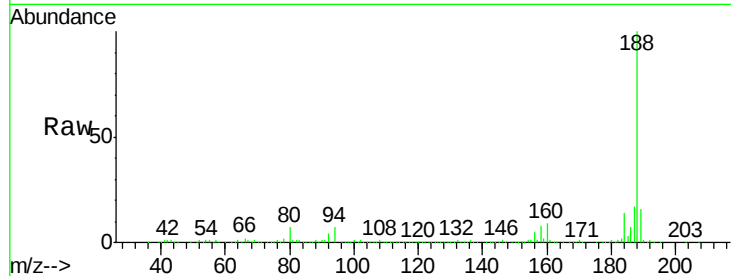
Tgt Ion:188 Resp: 377903

Ion Ratio Lower Upper

188 100

94 6.9 10.0 15.0#

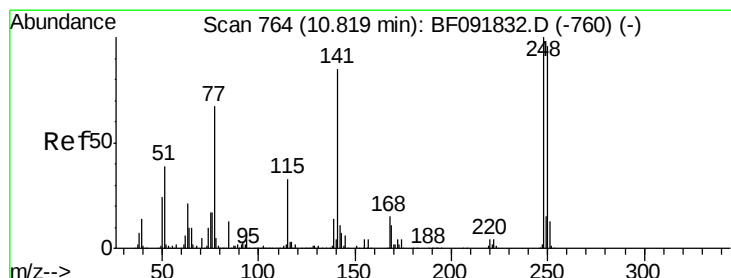
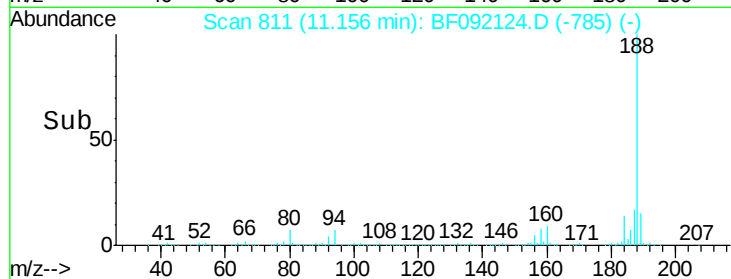
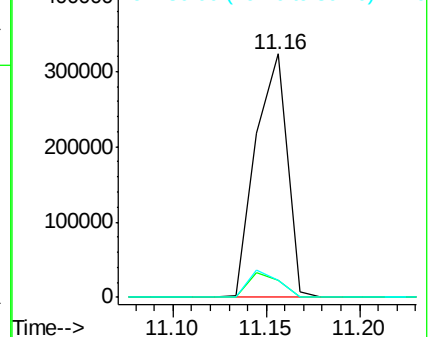
80 7.1 11.2 16.8#



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



#66

4-Bromophenyl-phenylether

Concen: 3.21 ng

RT: 10.47 min Scan# 751

Delta R.T. -0.24 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

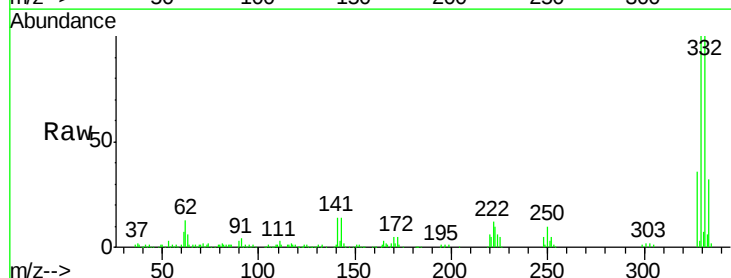
Tgt Ion:248 Resp: 12626

Ion Ratio Lower Upper

248 100

250 201.9 76.9 115.3#

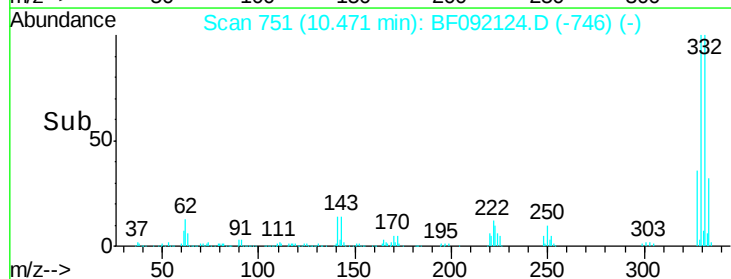
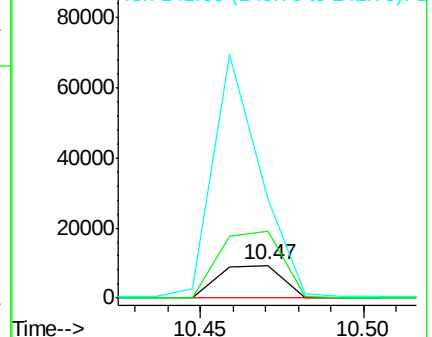
141 299.0 68.2 102.4#

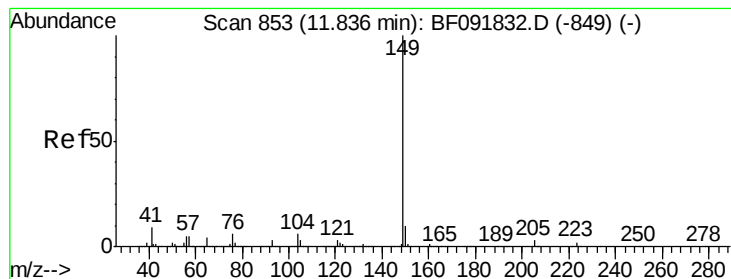


Abundance Ion 248.00 (247.70 to 248.70): E

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: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10

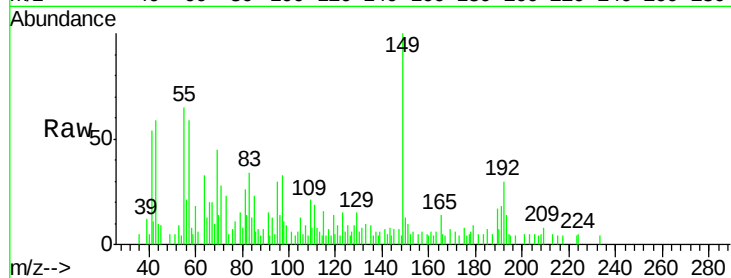
Tgt Ion:149 Resp: 7088

Ion Ratio Lower Upper

149 100

150 12.9 8.1 12.1#

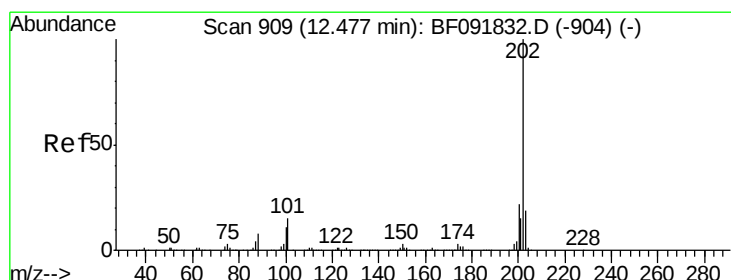
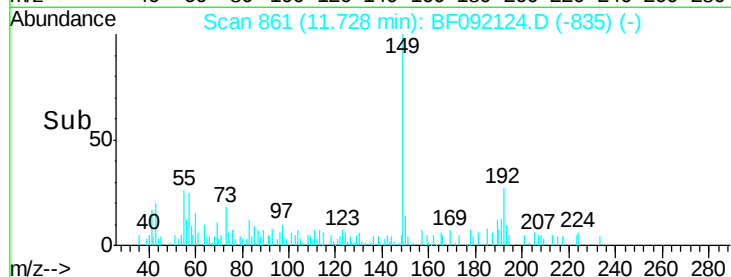
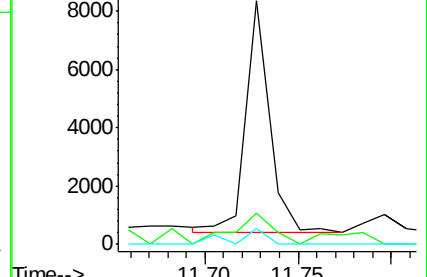
104 6.4 4.6 7.0



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: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

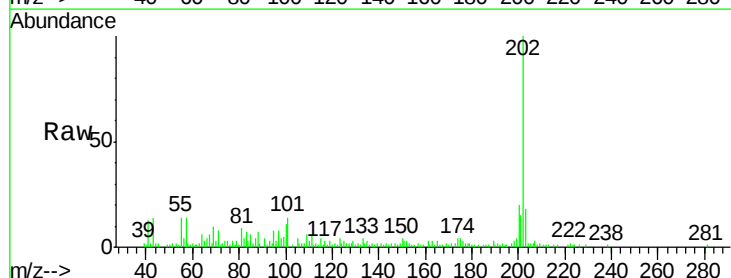
Tgt Ion:202 Resp: 33788

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.6

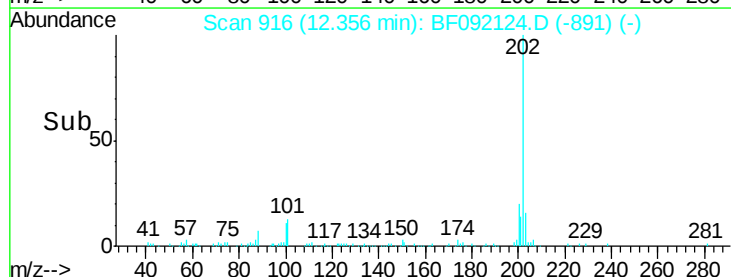
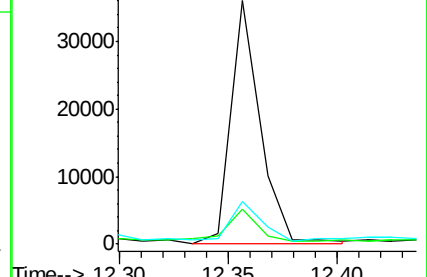
203 17.7 0.0 38.7

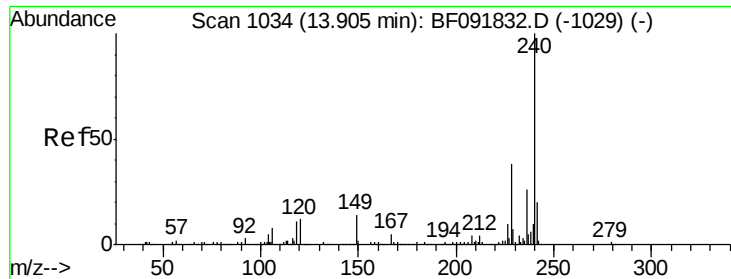


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

Instrument :

BNA_F

ClientSampleId :

TP7-8-COMP10

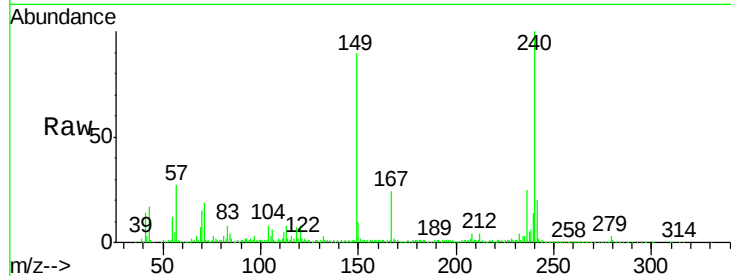
Tgt Ion:240 Resp: 339594

Ion Ratio Lower Upper

240 100

120 7.6 12.9 19.3#

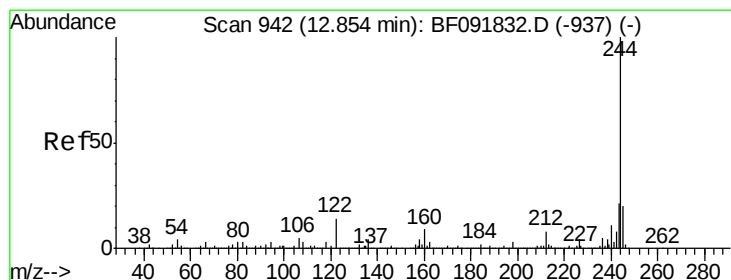
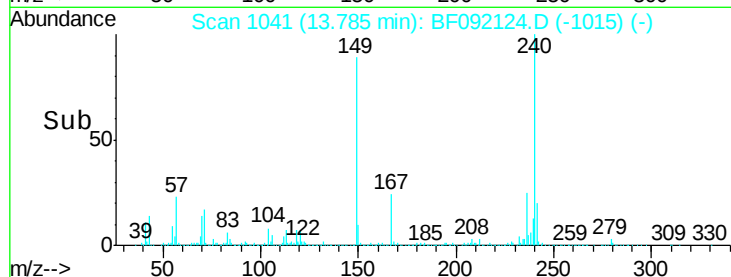
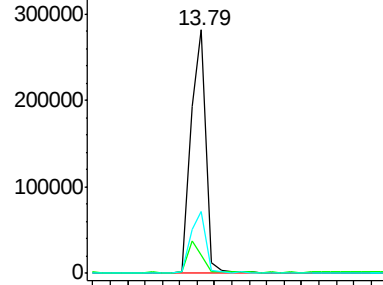
236 25.4 20.9 31.3



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: 54.16 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092124.D

Acq: 6 Jan 2017 18:35

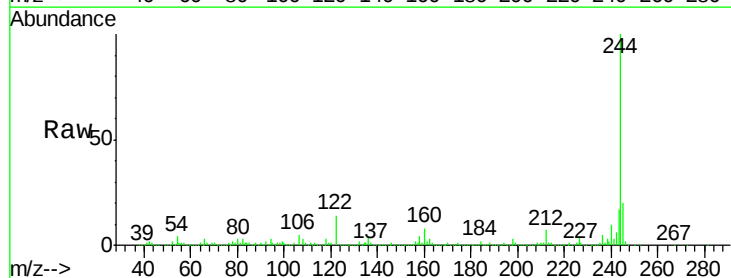
Tgt Ion:244 Resp: 758377

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

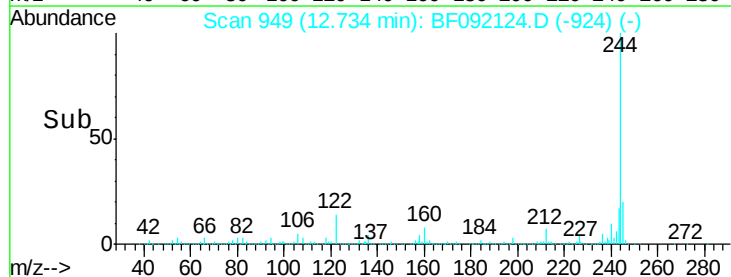
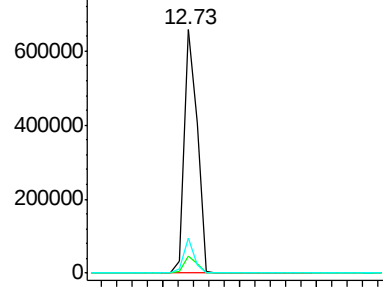
122 14.2 11.4 17.2

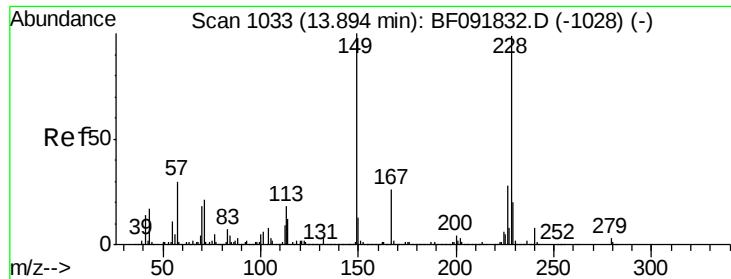


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

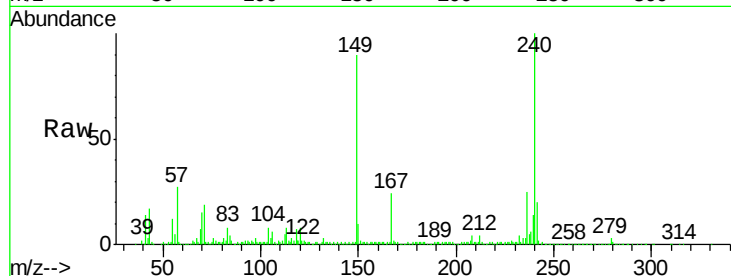




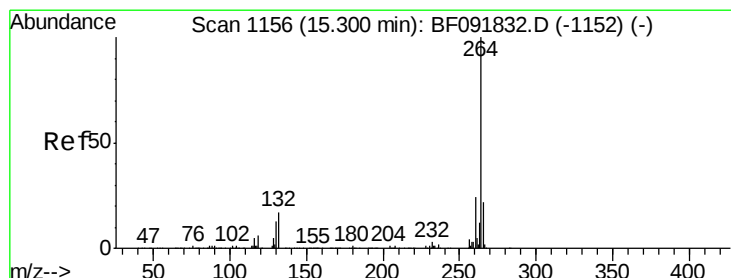
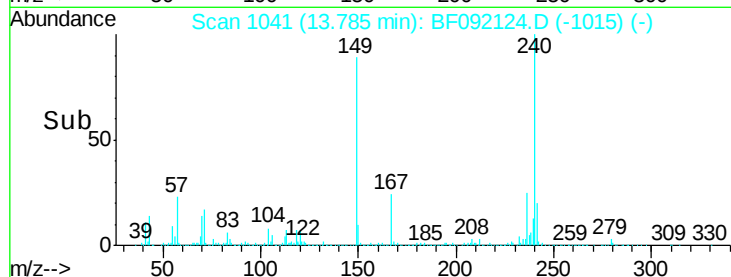
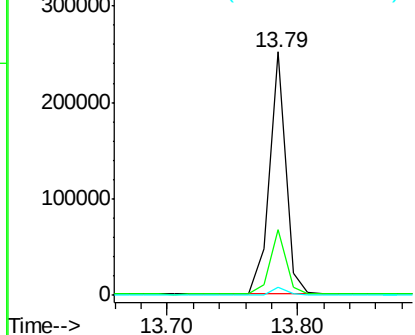
#83
Bis(2-ethylhexyl)phthalate
Concen: 16.60 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092124.D
Acq: 6 Jan 2017 18:35

Instrument :
BNA_F
ClientSampleId :
TP7-8-COMP10

Tgt Ion:149 Resp: 221554
Ion Ratio Lower Upper
149 100
167 27.2 20.2 30.4
279 3.2 1.8 2.8#

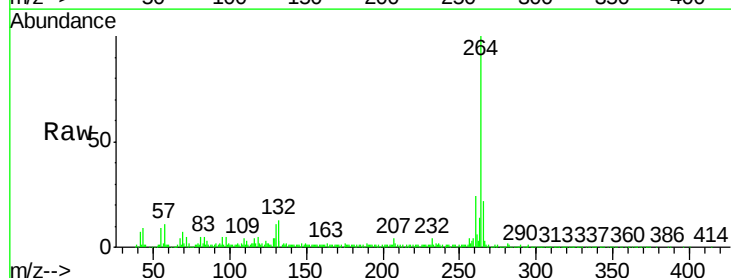


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092124.D
Acq: 6 Jan 2017 18:35

Tgt Ion:264 Resp: 329265
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 22.2 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

