

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013017\
 Data File : BF092644.D
 Acq On : 30 Jan 2017 20:10
 Operator : SJ/MA
 Sample : PB96538BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96538BL

Quant Time: Jan 31 01:02:53 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

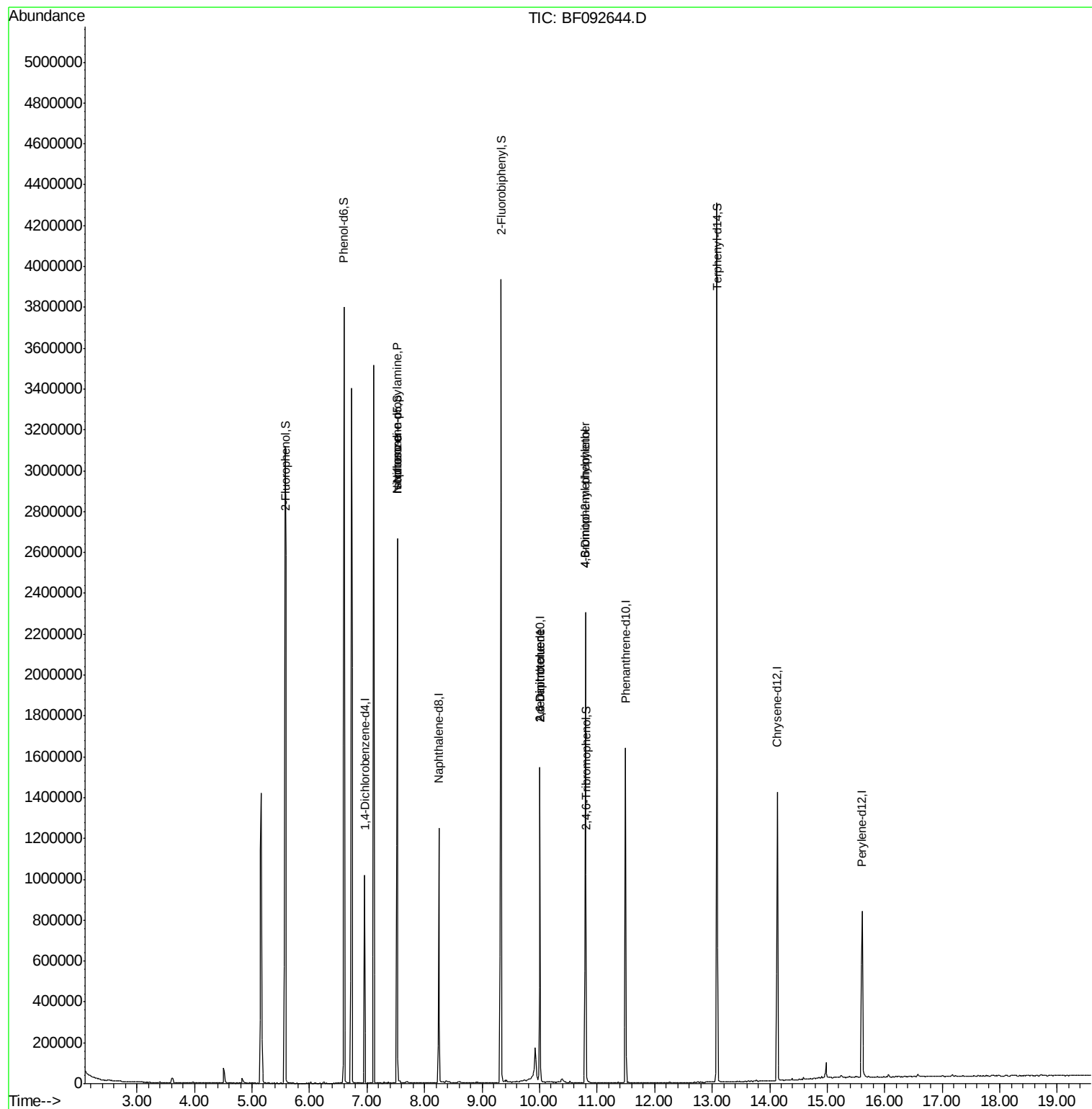
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	145376	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	585170	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	343418	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	568193	20.00	ng	0.00
75) Chrysene-d12	14.13	240	514351	20.00	ng	-0.01
86) Perylene-d12	15.61	264	398084	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1251928	147.74	ng	0.01
7) Phenol-d6	6.60	99	1376619	126.26	ng	0.00
23) Nitrobenzene-d5	7.53	82	930380	88.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	339681	136.76	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1770241	93.39	ng	0.00
78) Terphenyl-d14	13.08	244	1464275	66.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	127478	18.37	ng	# 80
25) Isophorone	7.53	82	914741	46.72	ng	# 65
50) 2,6-Dinitrotoluene	10.01	165	44384	8.88	ng	# 30
56) 2,4-Dinitrotoluene	10.01	165	44376	6.67	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	412	2.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	23356	3.93	ng	# 1

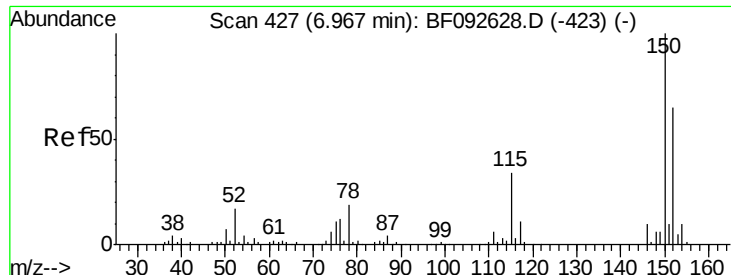
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

PB96538BL

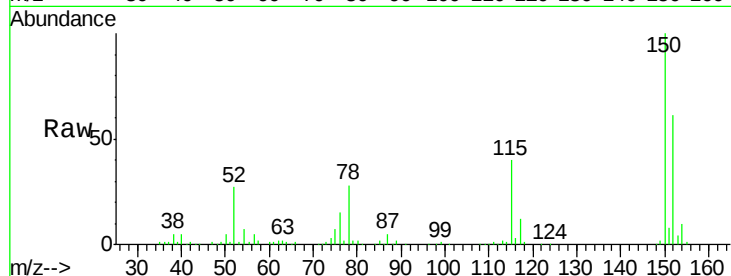
Tgt Ion:152 Resp: 145376

Ion Ratio Lower Upper

152 100

150 163.7 124.9 187.3

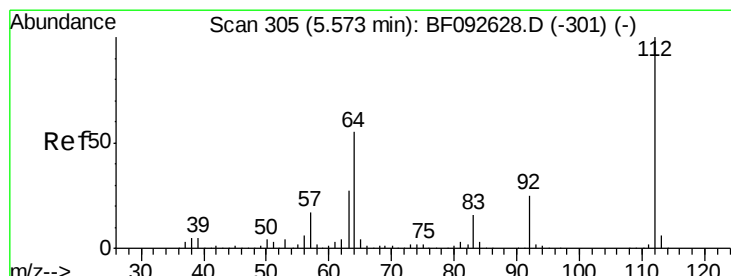
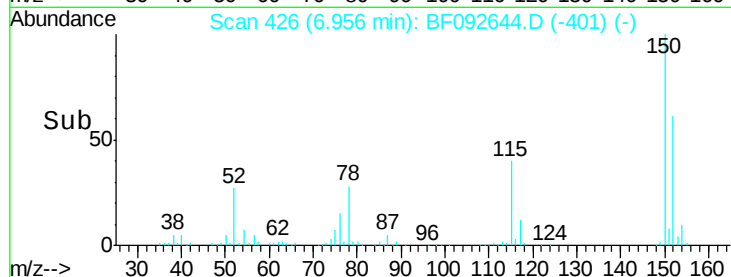
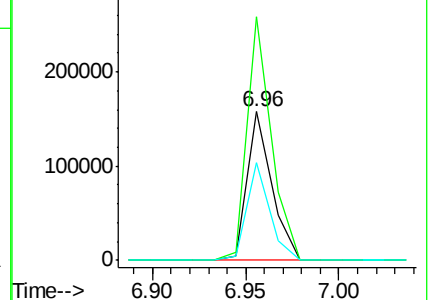
115 66.1 46.0 69.0



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: 147.74 ng

RT: 5.58 min Scan# 306

Delta R.T. 0.01 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

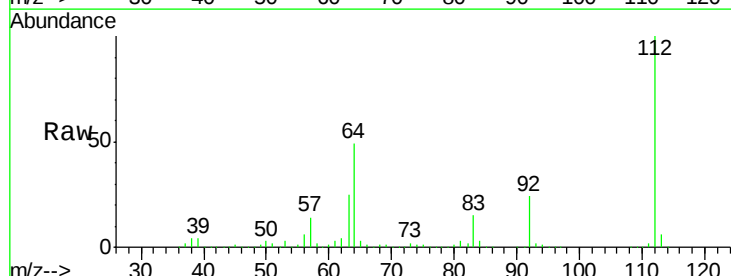
Tgt Ion:112 Resp: 1251928

Ion Ratio Lower Upper

112 100

64 49.4 46.1 69.1

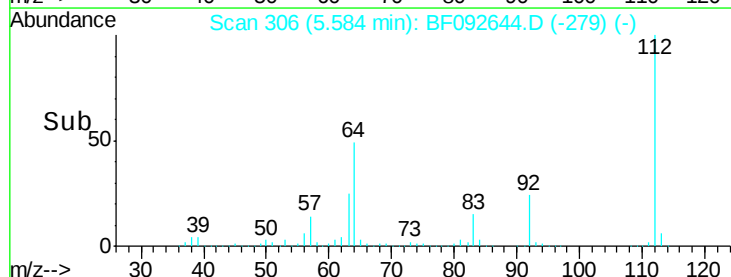
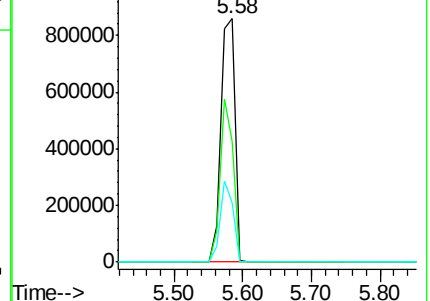
63 24.5 23.8 35.6



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: 126.26 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

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BNA_F

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PB96538BL

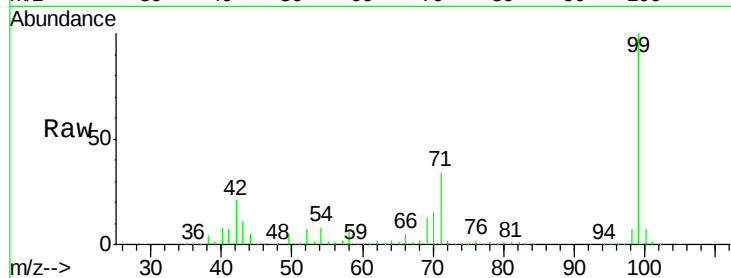
Tgt Ion: 99 Resp: 1376619

Ion Ratio Lower Upper

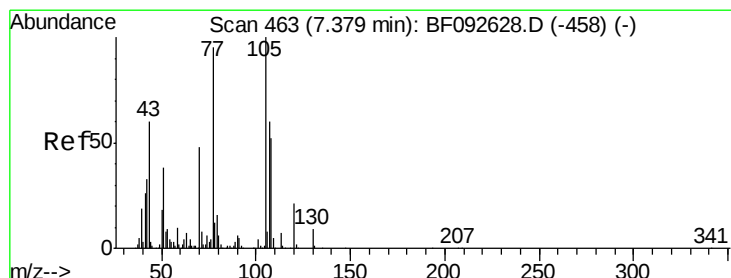
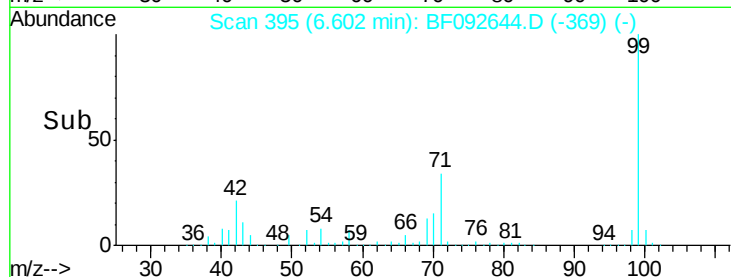
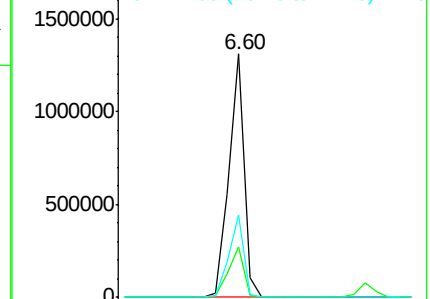
99 100

42 20.5 15.6 23.4

71 34.0 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: 18.37 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.15 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

Tgt Ion: 70 Resp: 127478

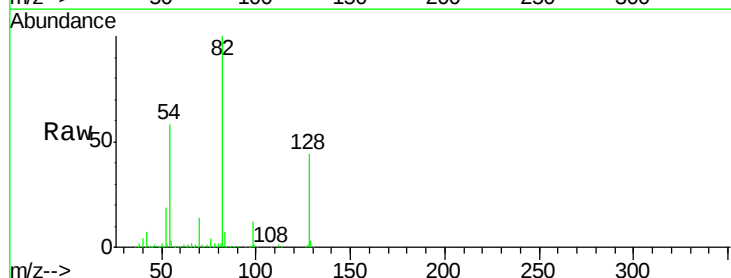
Ion Ratio Lower Upper

70 100

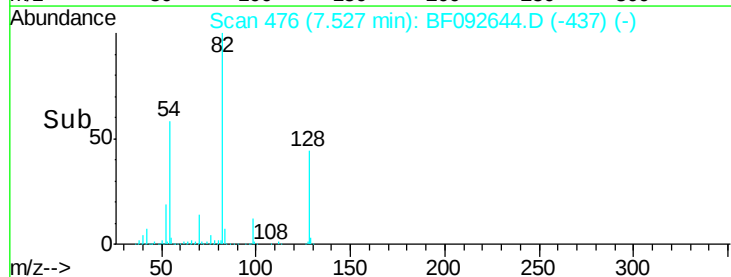
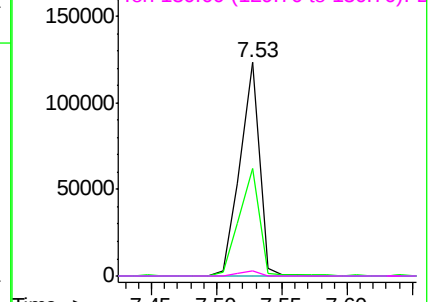
42 50.2 49.4 74.0

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): E
Ion 130.00 (129.70 to 130.70): E

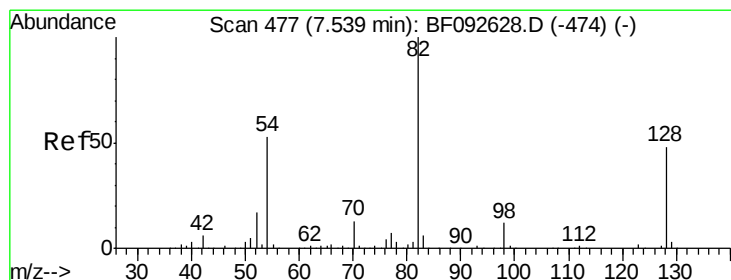
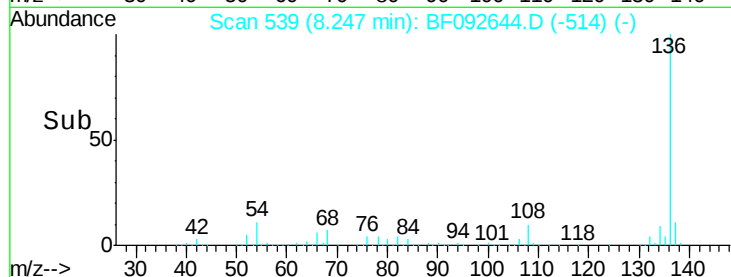
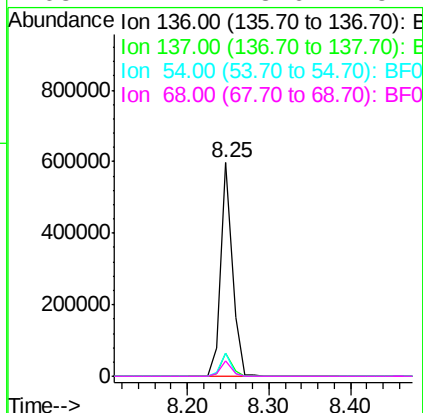
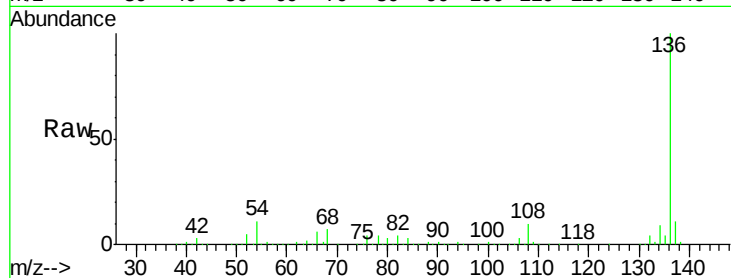




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF092644.D
Acq: 30 Jan 2017 20:10

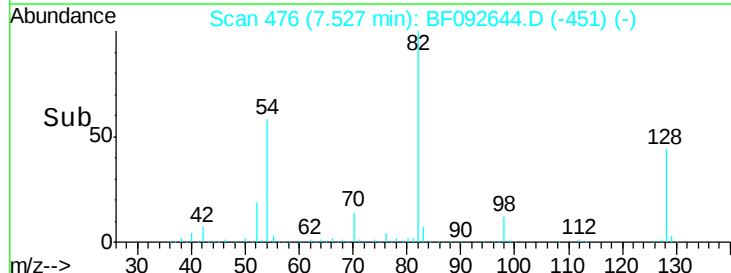
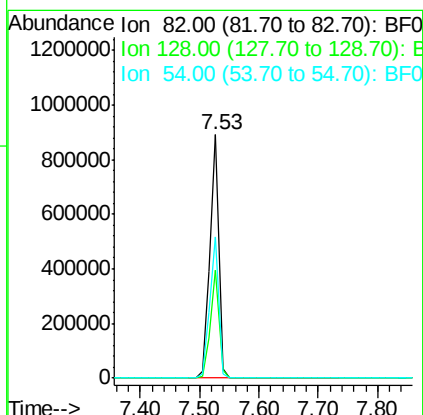
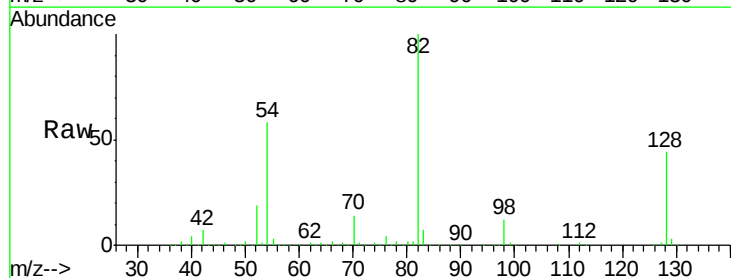
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PB96538BL

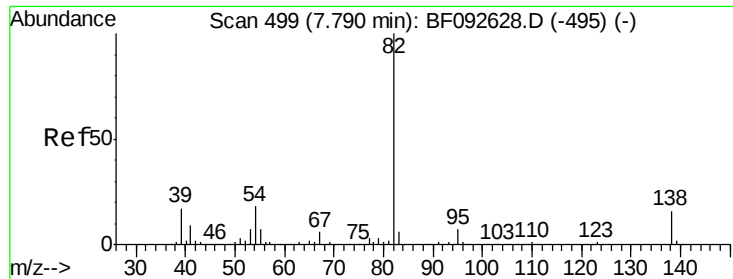
Tgt Ion:	136	Resp:	585170
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.9	4.5	6.7#
68	7.4	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 88.54 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092644.D
Acq: 30 Jan 2017 20:10

Tgt Ion:	82	Resp:	930380
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	52.0
54	58.1	39.5	59.3

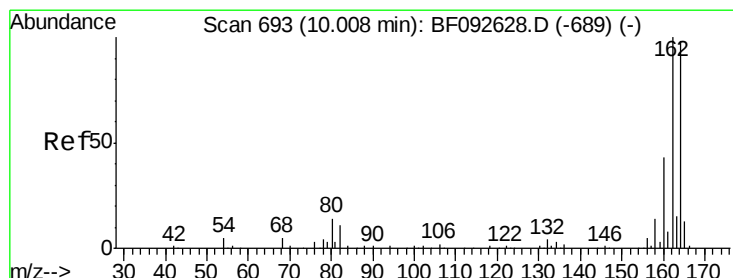
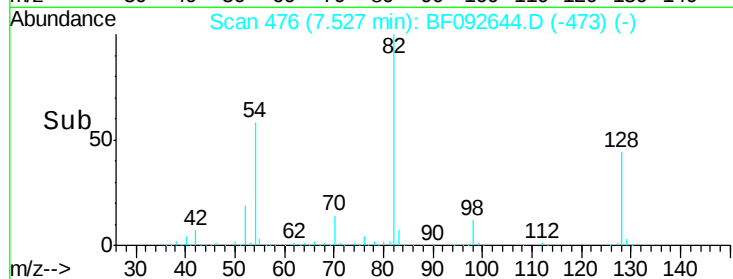
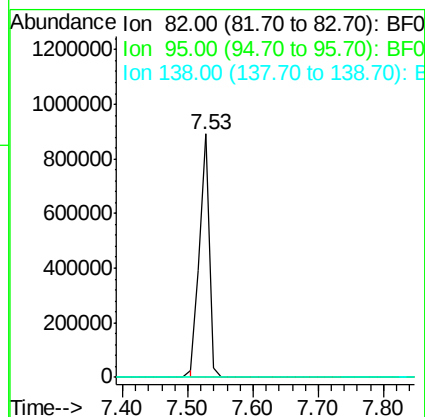
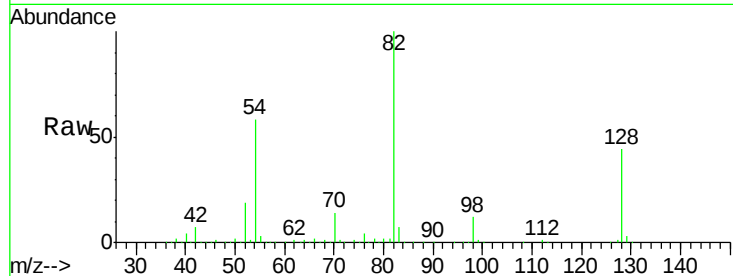




#25
Isophorone
Concen: 46.72 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.26 min
Lab File: BF092644.D
Acq: 30 Jan 2017 20:10

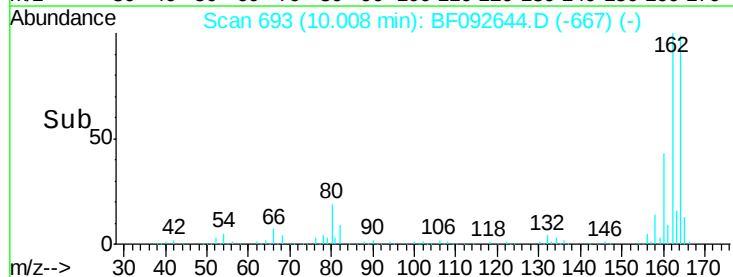
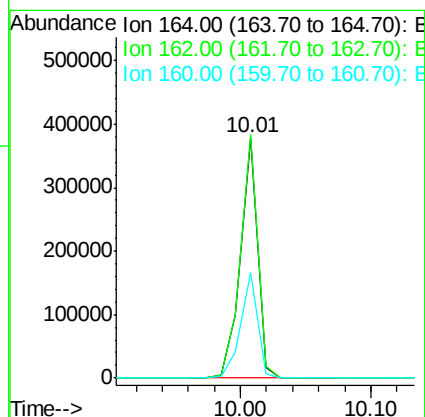
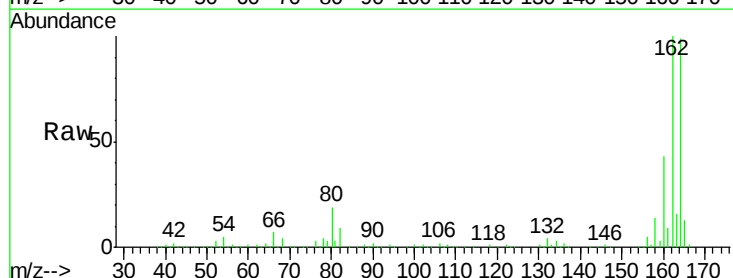
Instrument :
BNA_F
ClientSampleId :
PB96538BL

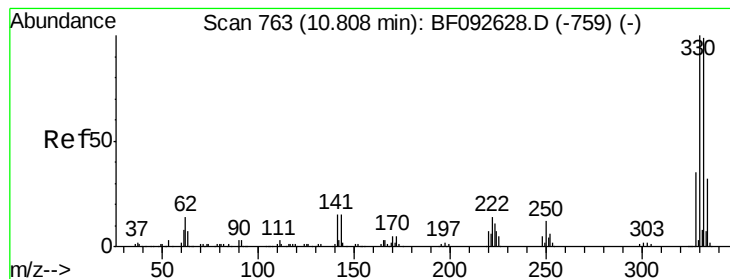
Tgt Ion: 82 Resp: 914741
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF092644.D
Acq: 30 Jan 2017 20:10

Tgt Ion: 164 Resp: 343418
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 43.9 36.9 55.3

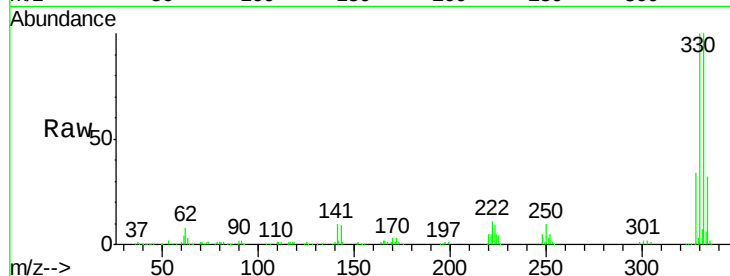




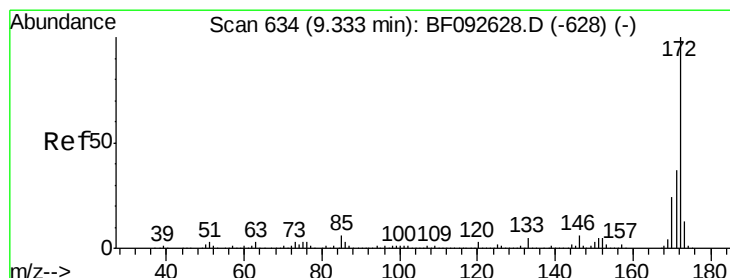
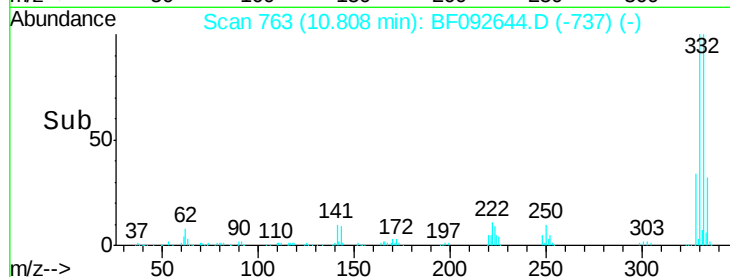
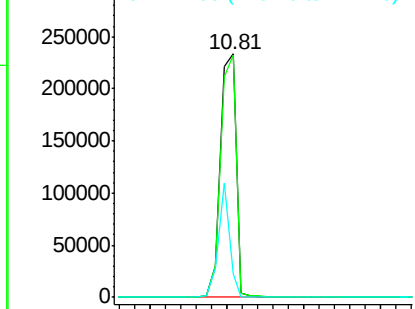
#41
 2,4,6-Tribromophenol
 Concen: 136.76 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BF092644.D
 Acq: 30 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96538BL

Tgt Ion:330 Resp: 339681
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.4 116.2
 141 33.1 34.1 51.1#

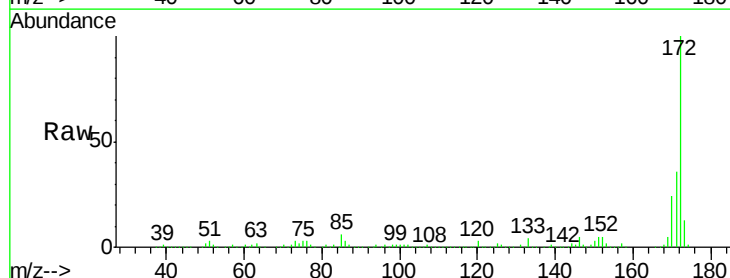


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

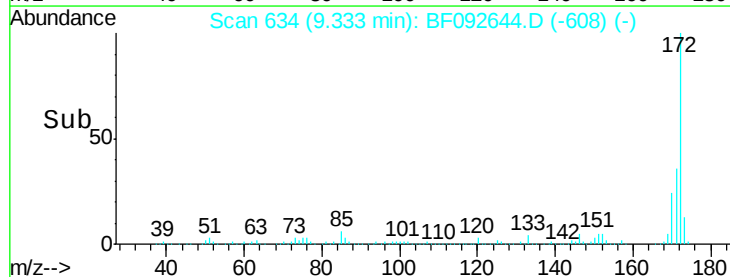
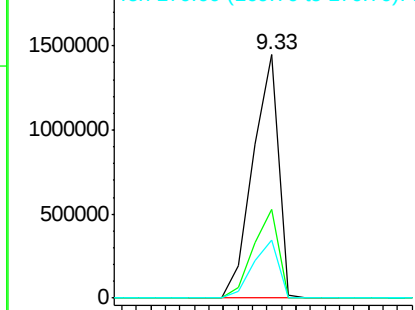


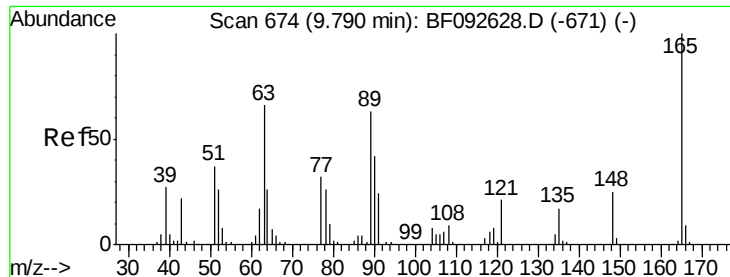
#44
 2-Fluorobiphenyl
 Concen: 93.39 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092644.D
 Acq: 30 Jan 2017 20:10

Tgt Ion:172 Resp: 1770241
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 23.8 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

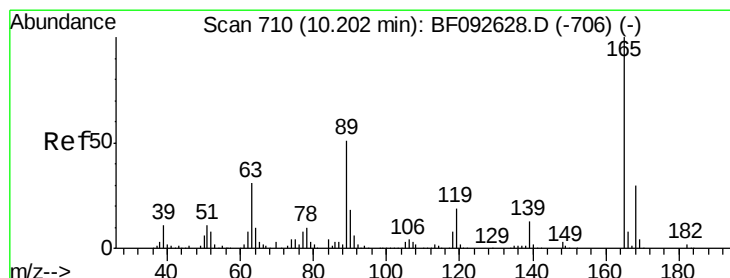
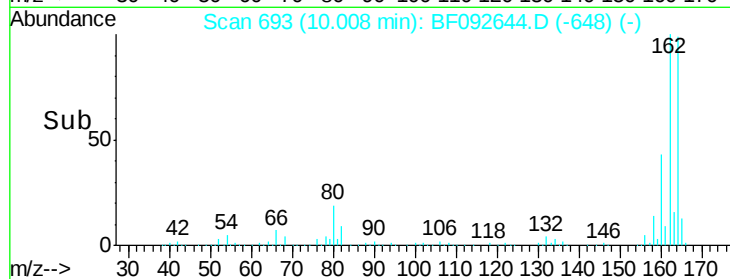
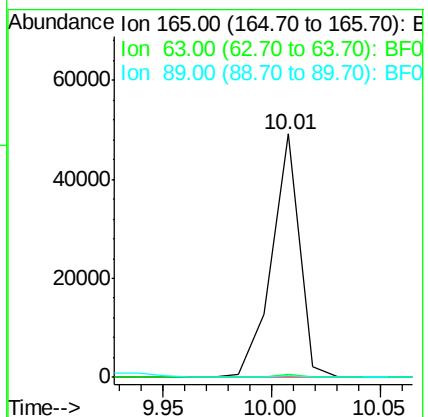
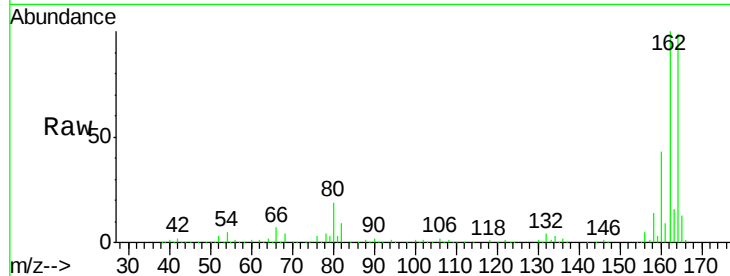




#50
 2,6-Dinitrotoluene
 Concen: 8.88 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.22 min
 Lab File: BF092644.D
 Acq: 30 Jan 2017 20:10

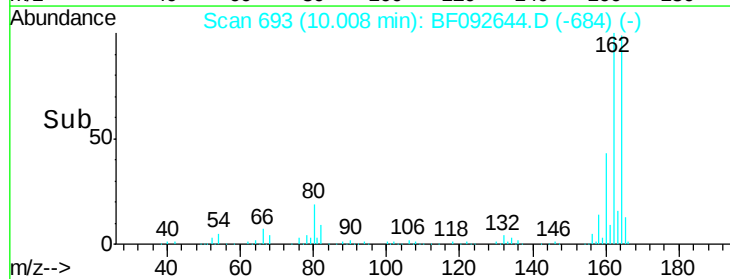
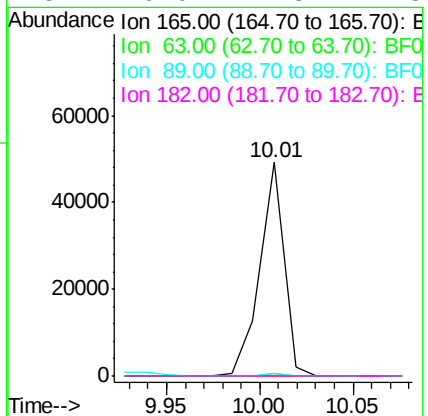
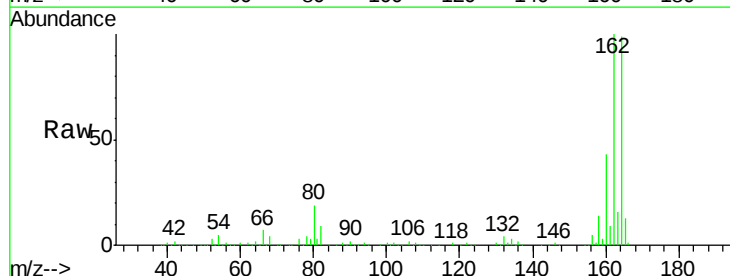
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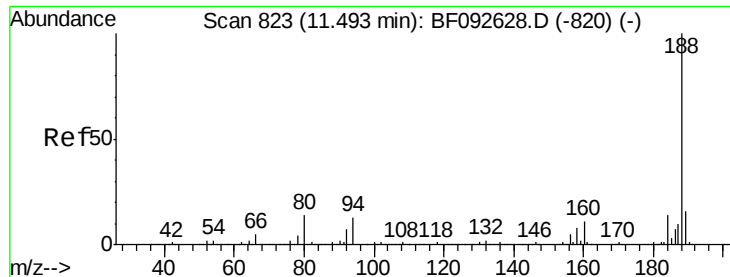
Tgt Ion:165 Resp: 44384
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.2 54.4#
 89 1.0 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.67 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.19 min
 Lab File: BF092644.D
 Acq: 30 Jan 2017 20:10

Tgt Ion:165 Resp: 44376
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.2 60.4#
 89 1.0 62.5 93.7#
 182 0.0 1.8 2.8#

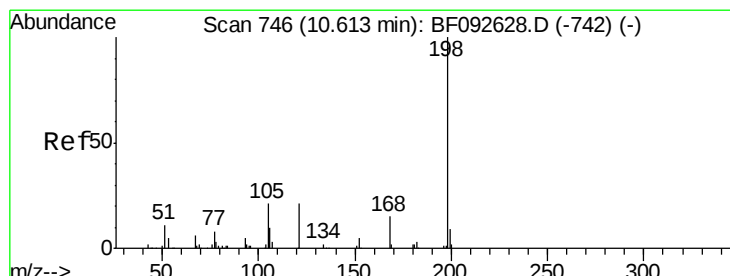
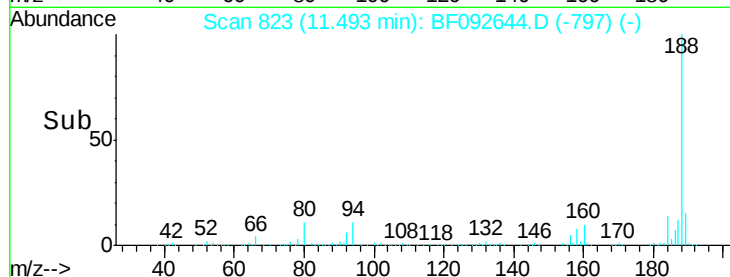
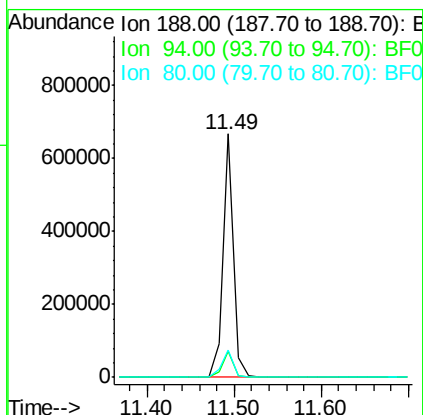
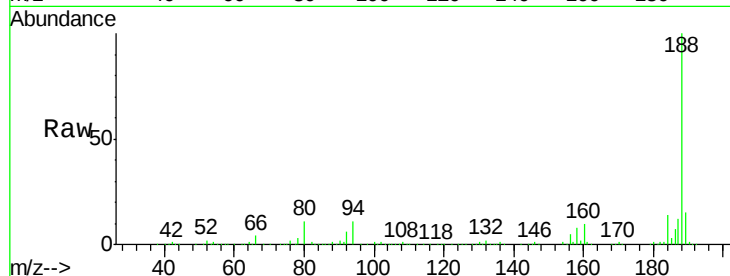




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092644.D
Acq: 30 Jan 2017 20:10

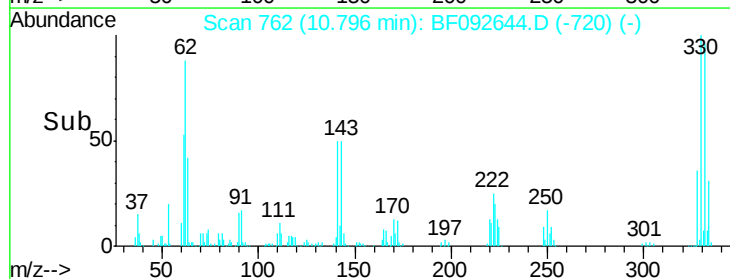
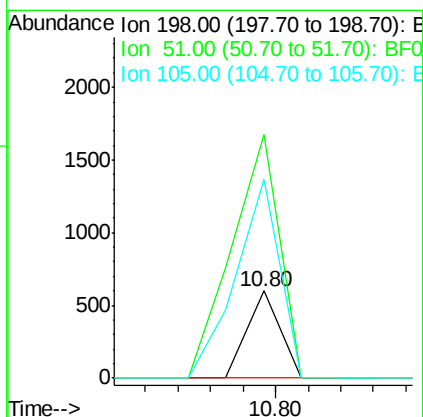
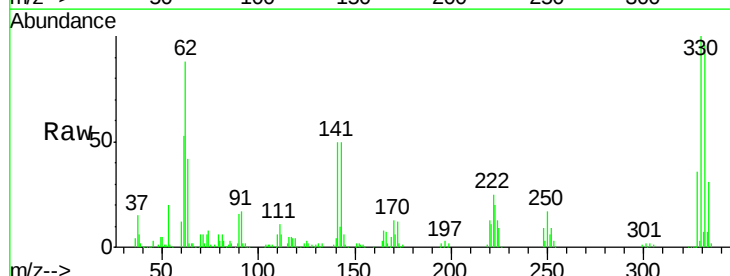
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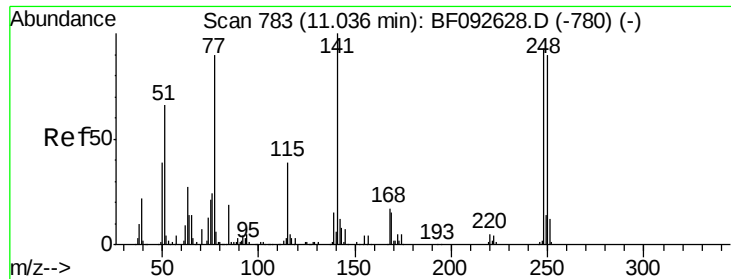
Tgt Ion:188 Resp: 568193
Ion Ratio Lower Upper
188 100
94 10.6 10.0 15.0
80 11.5 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.78 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.18 min
Lab File: BF092644.D
Acq: 30 Jan 2017 20:10

Tgt Ion:198 Resp: 412
Ion Ratio Lower Upper
198 100
51 278.7 6.7 46.7#
105 227.1 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.93 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.24 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

Instrument :

BNA_F

ClientSampleId :

PB96538BL

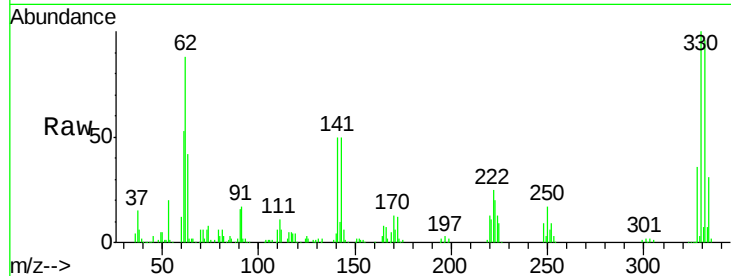
Tgt Ion:248 Resp: 23356

Ion Ratio Lower Upper

248 100

250 195.5 76.9 115.3#

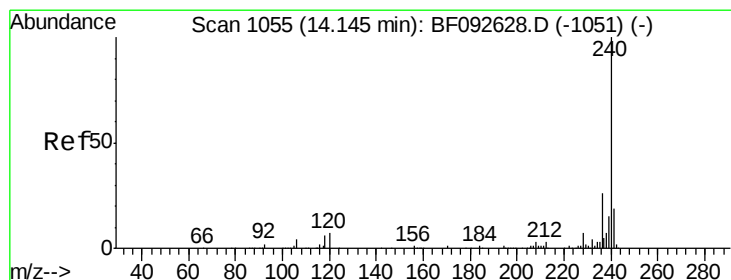
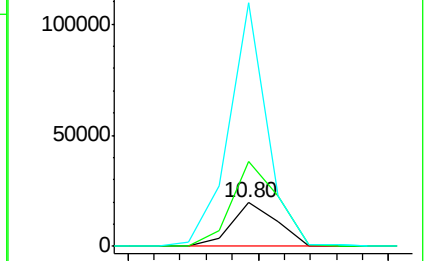
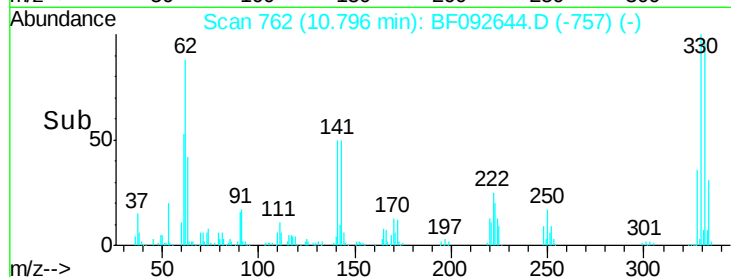
141 560.2 68.2 102.4#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BF092644.D

Acq: 30 Jan 2017 20:10

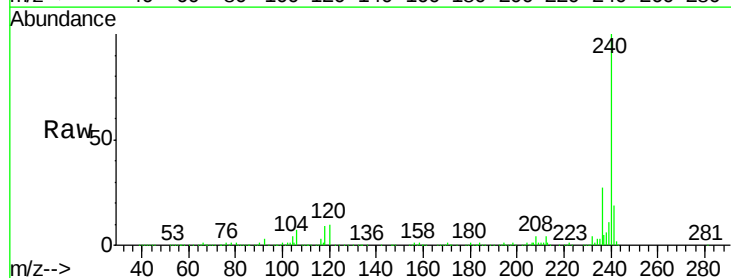
Tgt Ion:240 Resp: 514351

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

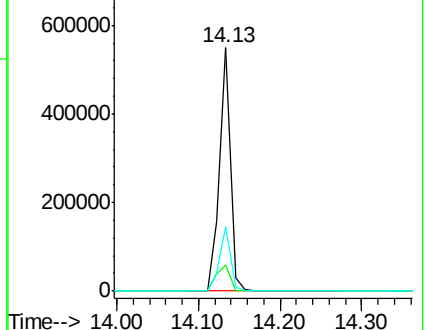
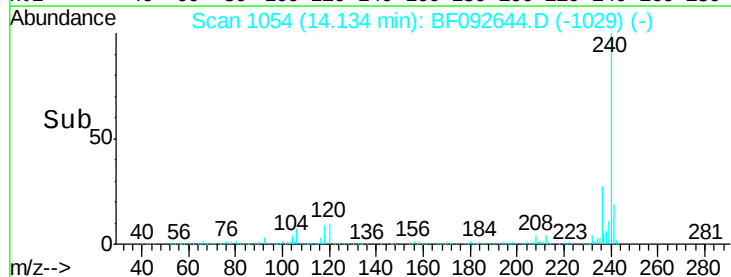
236 26.5 20.9 31.3

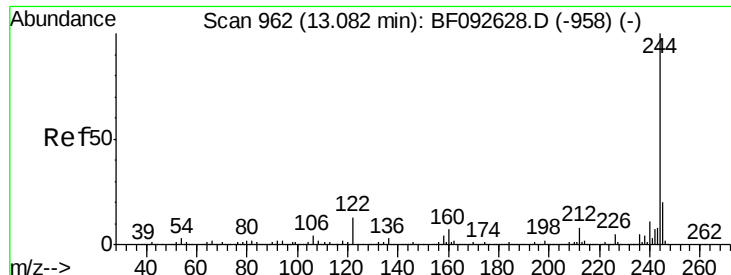


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

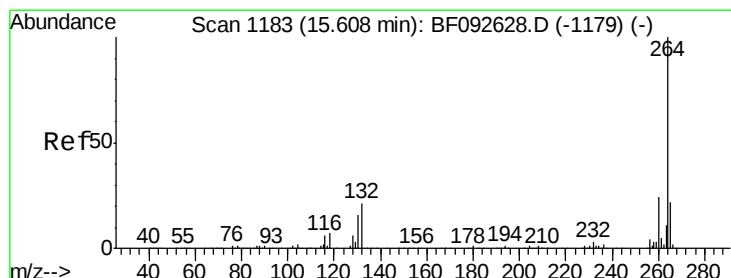
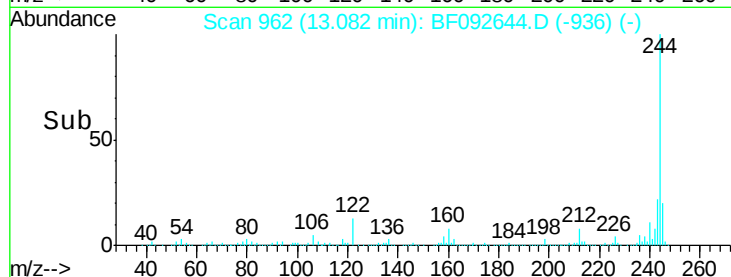
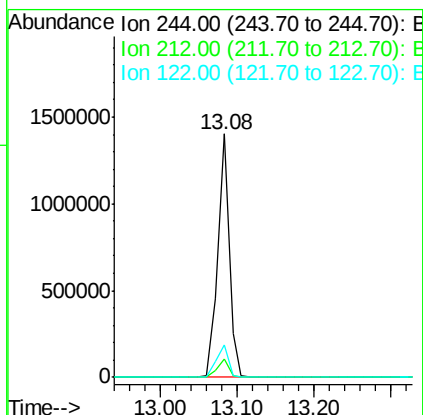
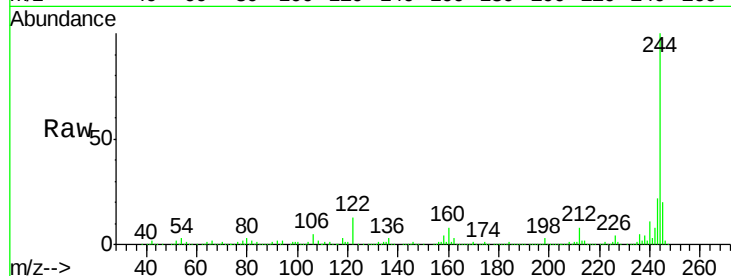




#78
 Terphenyl-d14
 Concen: 66.89 ng
 RT: 13.08 min Scan# 962
 Delta R.T. -0.00 min
 Lab File: BF092644.D
 Acq: 30 Jan 2017 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96538BL

Tgt Ion:244 Resp: 1464275
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 13.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF092644.D
 Acq: 30 Jan 2017 20:10

Tgt Ion:264 Resp: 398084
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.4 26.0

