

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030717\
 Data File : BF093421.D
 Acq On : 7 Mar 2017 16:19
 Operator : SJ/MA
 Sample : PB97390BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BL

Quant Time: Mar 08 00:29:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

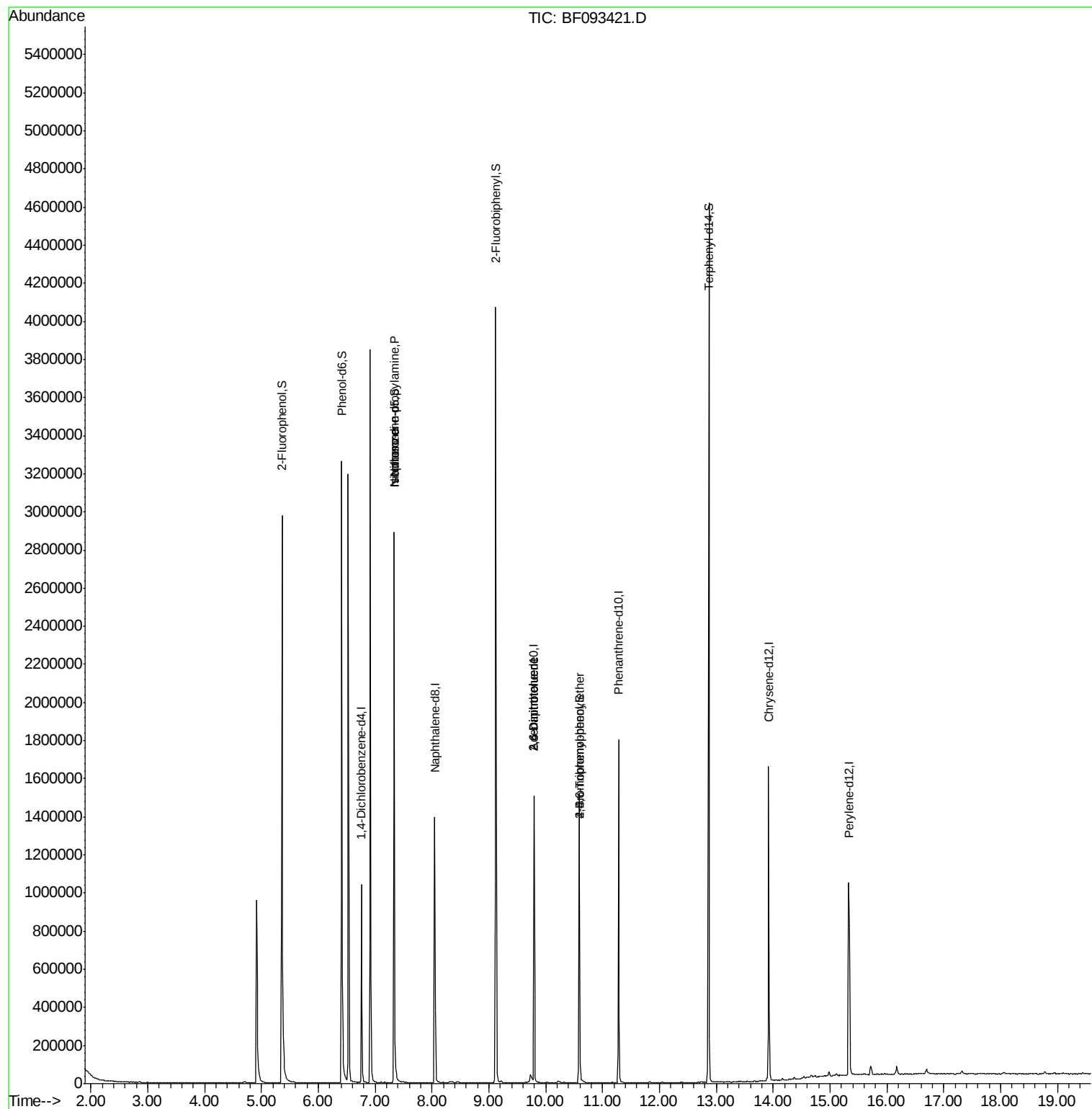
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	179172	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	661261	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	317424	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	631585	20.00	ng	0.00
75) Chrysene-d12	13.92	240	573593	20.00	ng	0.00
86) Perylene-d12	15.33	264	499237	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	977980	90.84	ng	0.01
7) Phenol-d6	6.41	99	1263560	93.08	ng	0.00
23) Nitrobenzene-d5	7.34	82	1137786	95.47	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	228876	110.67	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1632975	95.69	ng	-0.01
78) Terphenyl-d14	12.87	244	1484688	67.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	1476	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.34	70	153179	16.41	ng	# 79
25) Isophorone	7.34	82	1135376	47.24	ng	# 65
50) 2,6-Dinitrotoluene	9.80	165	40539	8.78	ng	# 31
56) 2,4-Dinitrotoluene	9.80	165	40542	7.15	ng	# 20
66) 4-Bromophenyl-phenylether	10.60	248	17021	2.55	ng	# 1

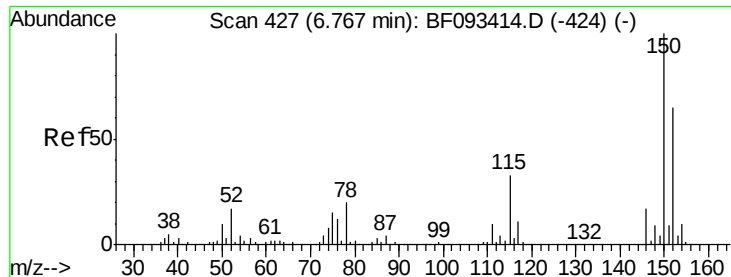
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF093421.D

Acq: 7 Mar 2017 16:19

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BNA_F

ClientSampleId :

PB97390BL

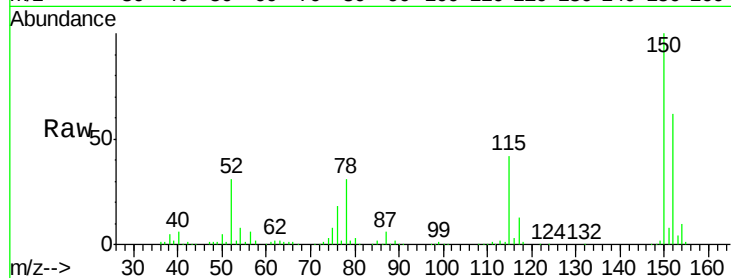
Tgt Ion:152 Resp: 179172

Ion Ratio Lower Upper

152 100

150 162.5 124.9 187.3

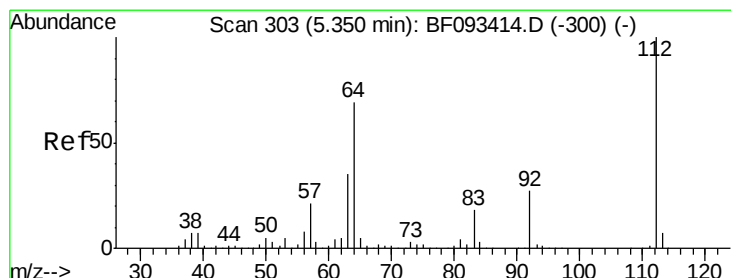
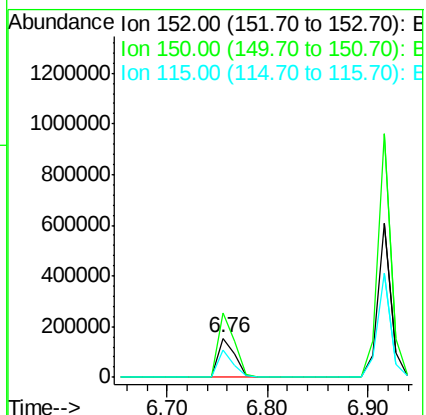
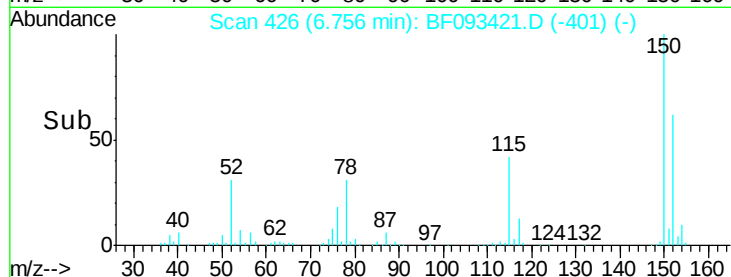
115 68.0 46.0 69.0



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: 90.84 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093421.D

Acq: 7 Mar 2017 16:19

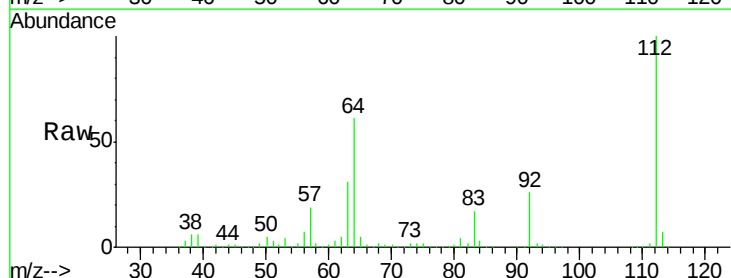
Tgt Ion:112 Resp: 977980

Ion Ratio Lower Upper

112 100

64 61.2 46.1 69.1

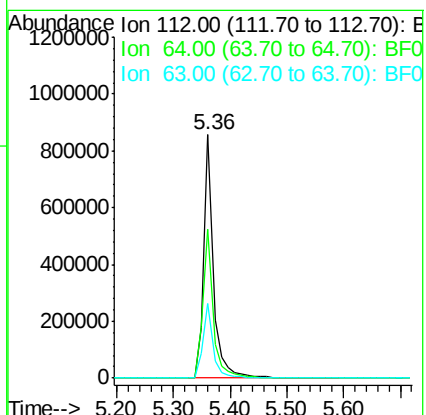
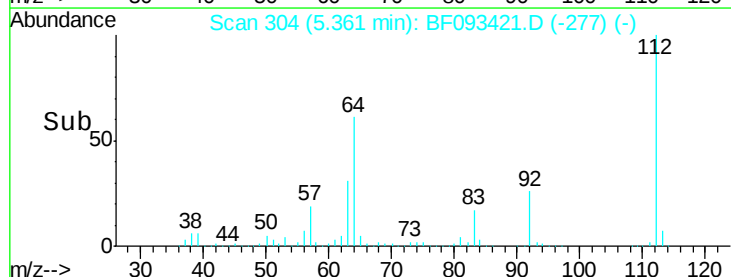
63 30.6 23.8 35.6

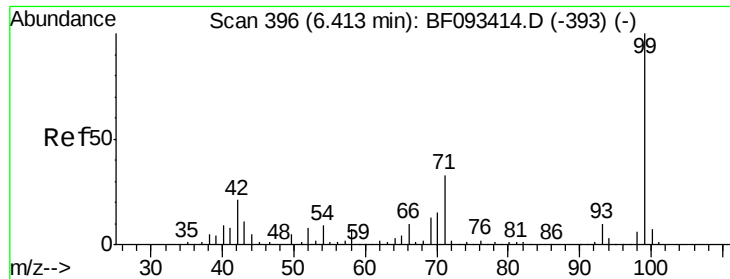


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.08 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093421.D

Acq: 7 Mar 2017 16:19

Instrument :

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ClientSampleId :

PB97390BL

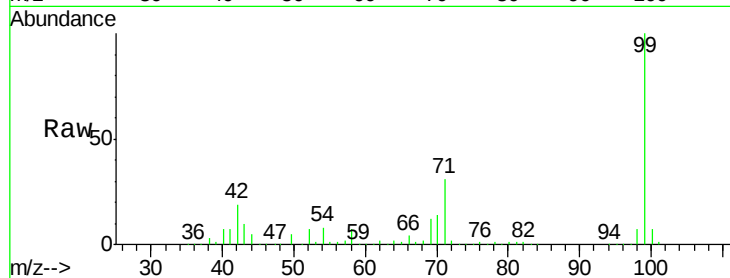
Tgt Ion: 99 Resp: 1263560

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

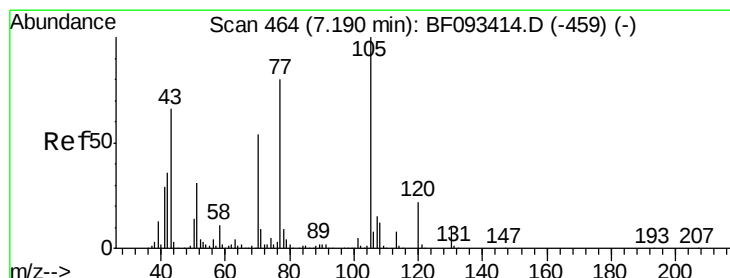
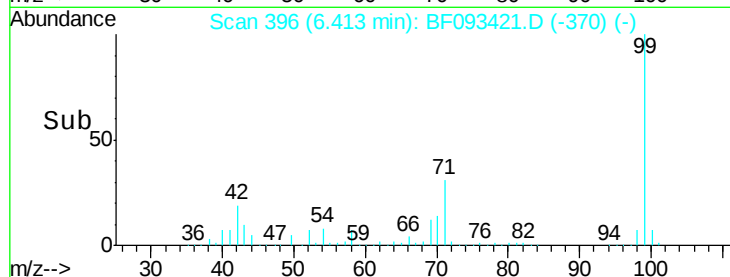
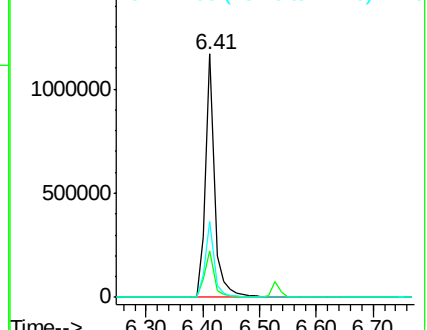
71 31.4 27.5 41.3



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: 16.41 ng

RT: 7.34 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF093421.D

Acq: 7 Mar 2017 16:19

Tgt Ion: 70 Resp: 153179

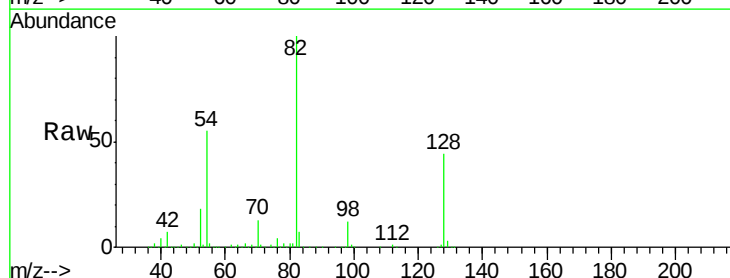
Ion Ratio Lower Upper

70 100

42 49.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

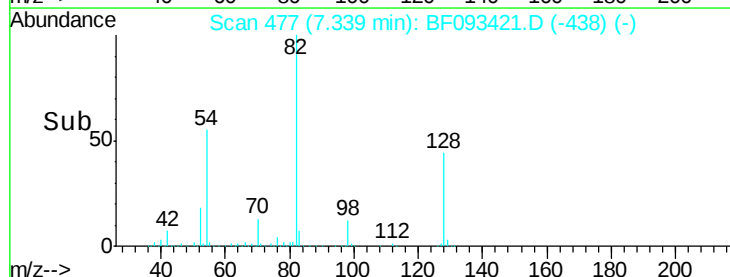
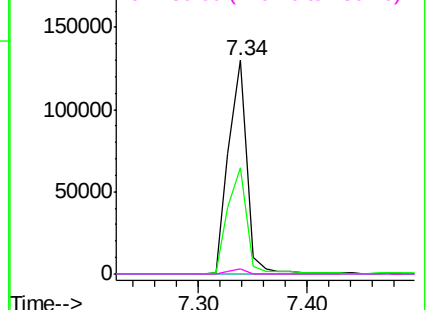


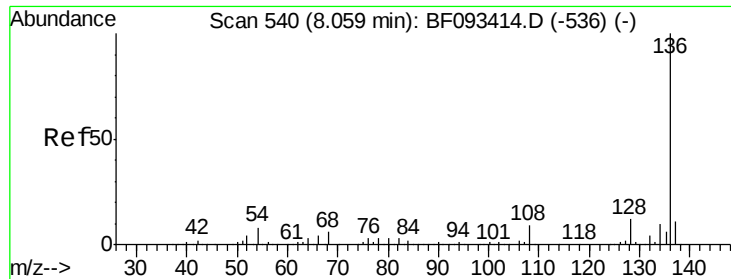
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

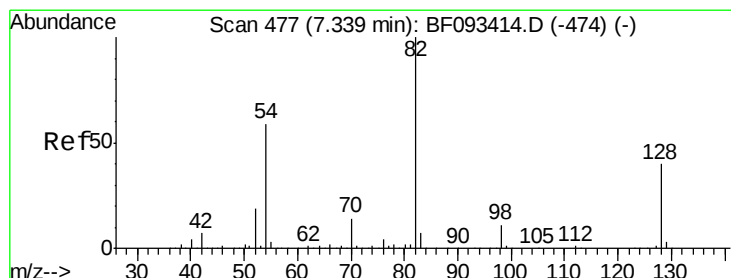
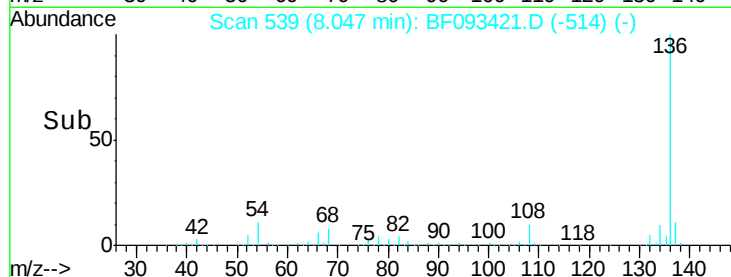
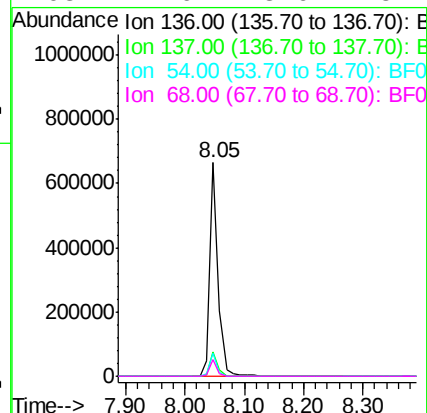
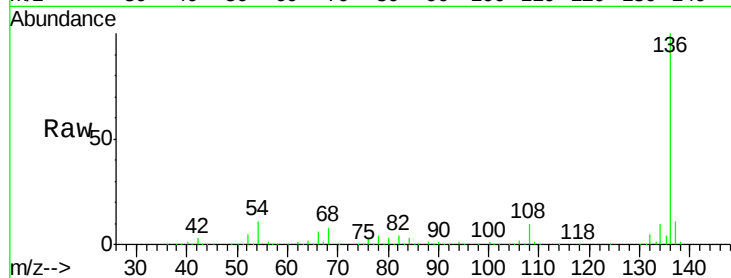




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093421.D
Acq: 7 Mar 2017 16:19

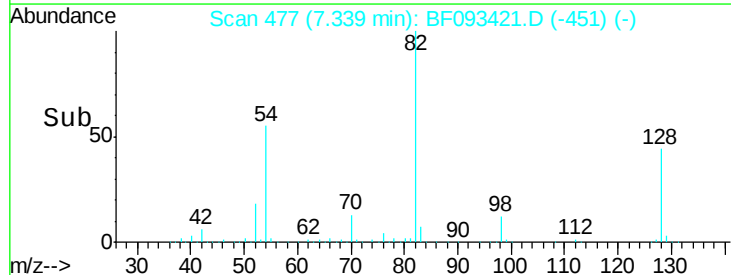
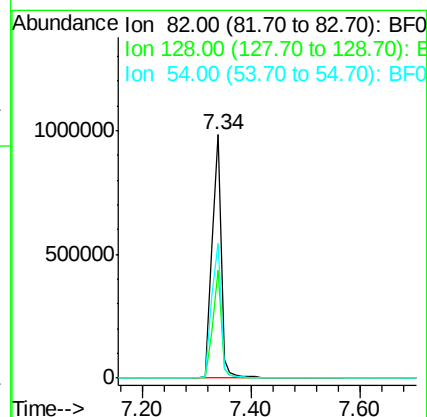
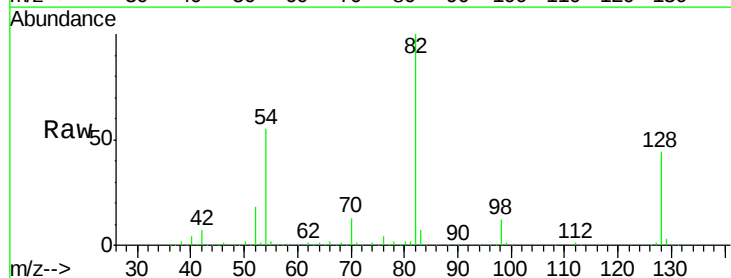
Instrument :
BNA_F
ClientSampleId :
PB97390BL

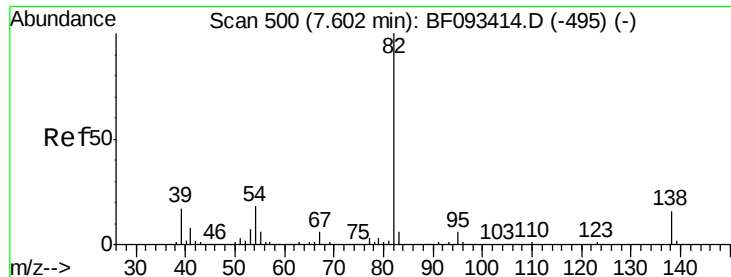
Tgt Ion:	136	Resp:	661261
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	10.8	4.5	6.7#
68	7.6	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 95.47 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093421.D
Acq: 7 Mar 2017 16:19

Tgt Ion:	82	Resp:	1137786
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.6	52.0
54	55.2	39.5	59.3

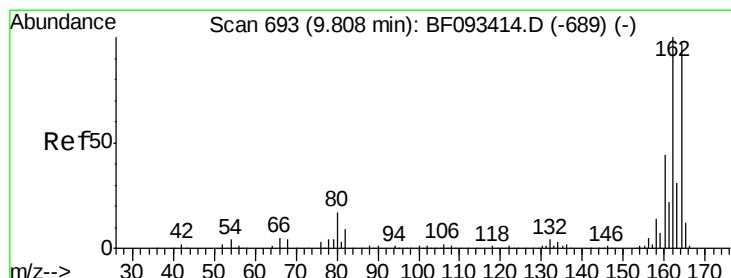
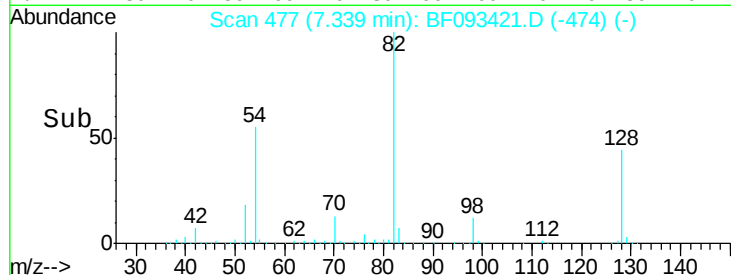
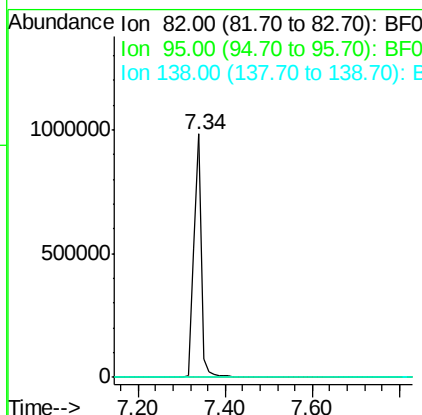
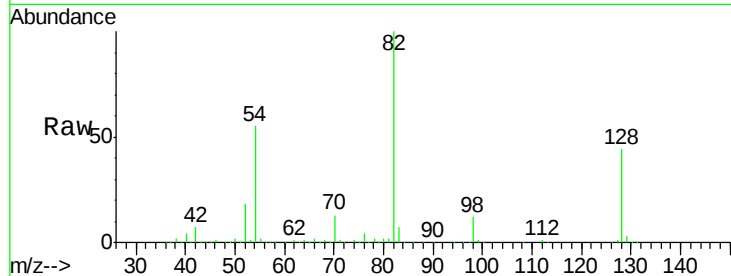




#25
Isophorone
Concen: 47.24 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.26 min
Lab File: BF093421.D
Acq: 7 Mar 2017 16:19

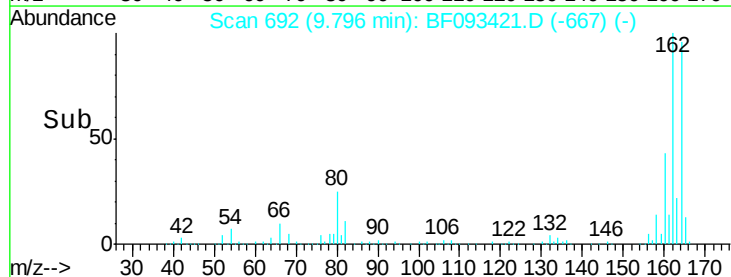
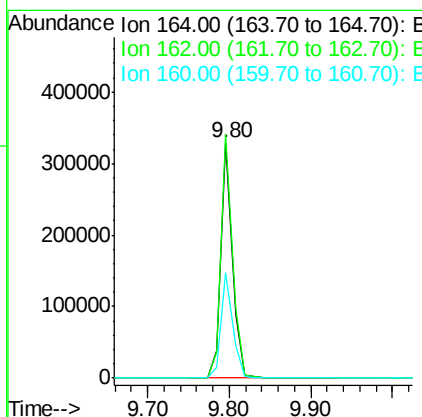
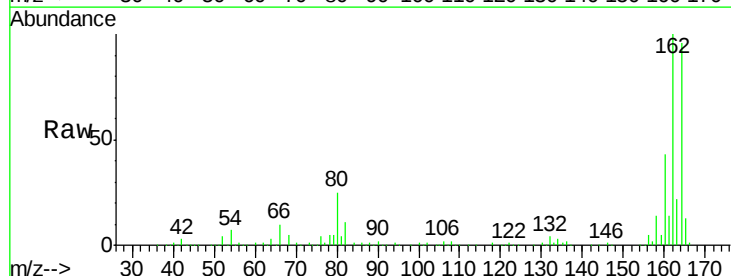
Instrument :
BNA_F
ClientSampleId :
PB97390BL

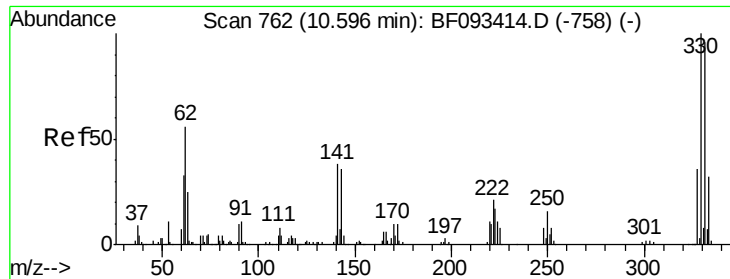
Tgt Ion: 82 Resp: 1135376
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF093421.D
Acq: 7 Mar 2017 16:19

Tgt Ion: 164 Resp: 317424
Ion Ratio Lower Upper
164 100
162 103.8 80.2 120.2
160 45.1 36.9 55.3

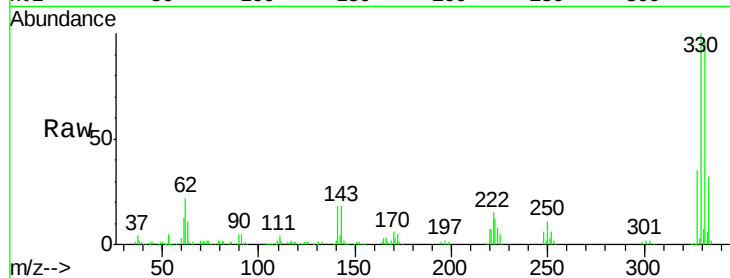




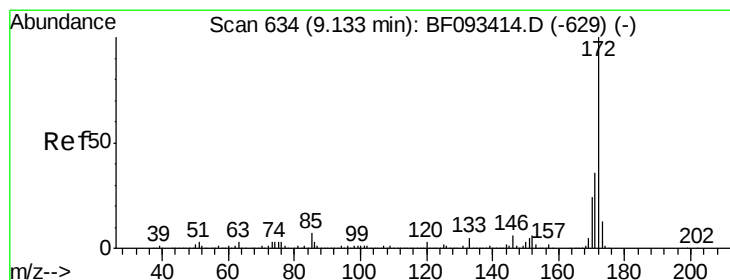
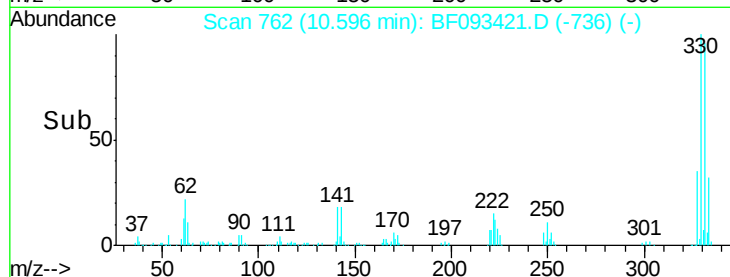
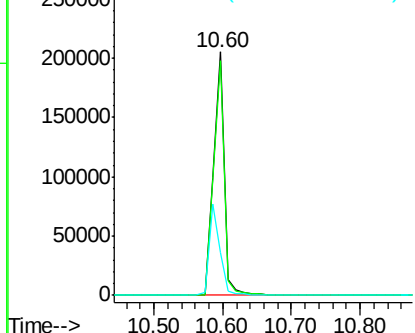
#41
 2,4,6-Tribromophenol
 Concen: 110.67 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093421.D
 Acq: 7 Mar 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BL

Tgt Ion:330 Resp: 228876
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 37.3 34.1 51.1

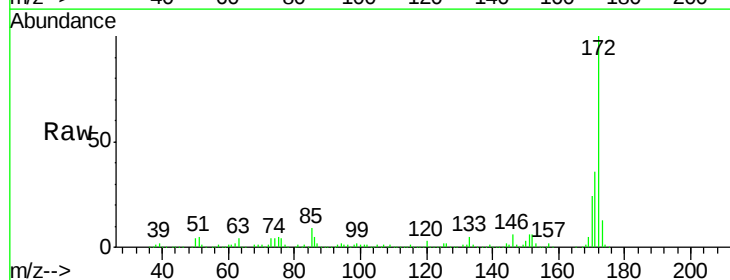


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

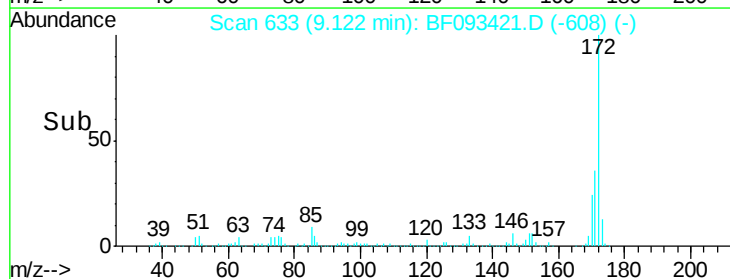
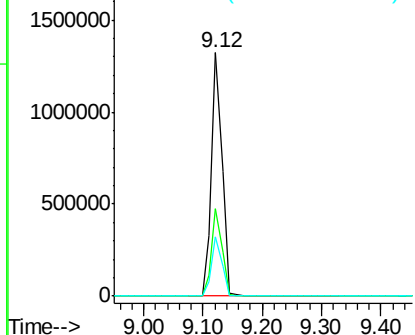


#44
 2-Fluorobiphenyl
 Concen: 95.69 ng
 RT: 9.12 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF093421.D
 Acq: 7 Mar 2017 16:19

Tgt Ion:172 Resp: 1632975
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.2 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

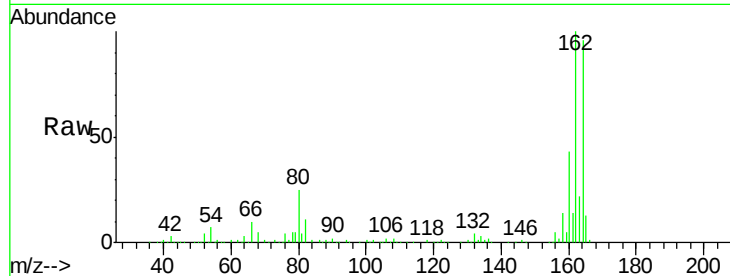




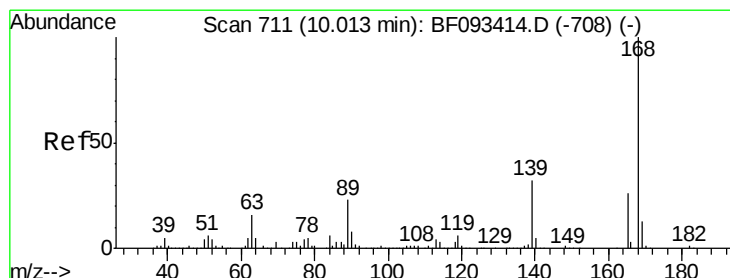
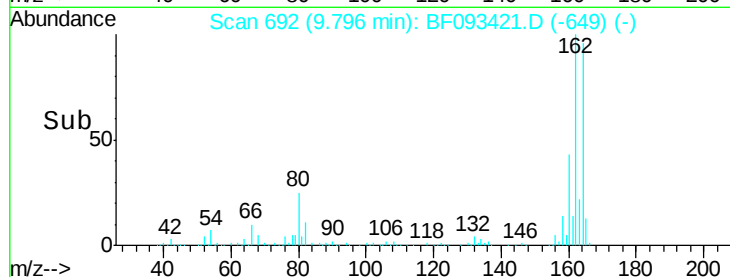
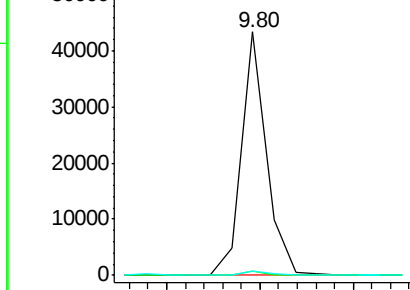
#50
 2,6-Dinitrotoluene
 Concen: 8.78 ng
 RT: 9.80 min Scan# 692
 Delta R.T. 0.19 min
 Lab File: BF093421.D
 Acq: 7 Mar 2017 16:19

Instrument :
 BNA_F
 ClientSampleId :
 PB97390BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.7	40.2	60.4#



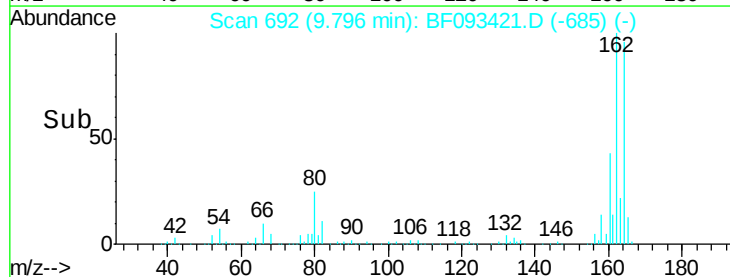
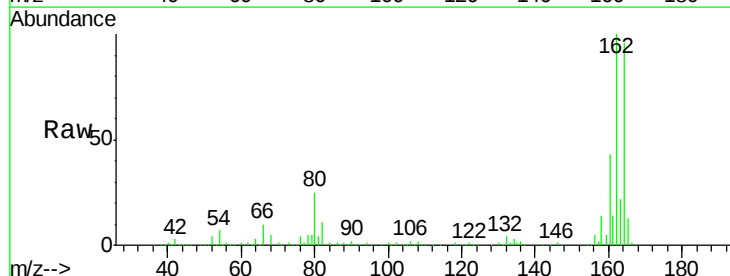
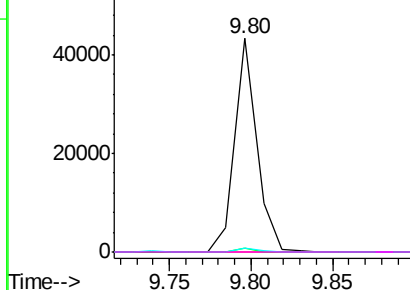
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

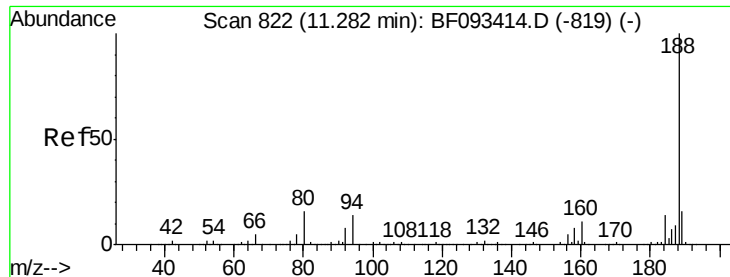


#56
 2,4-Dinitrotoluene
 Concen: 7.15 ng
 RT: 9.80 min Scan# 692
 Delta R.T. -0.22 min
 Lab File: BF093421.D
 Acq: 7 Mar 2017 16:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	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

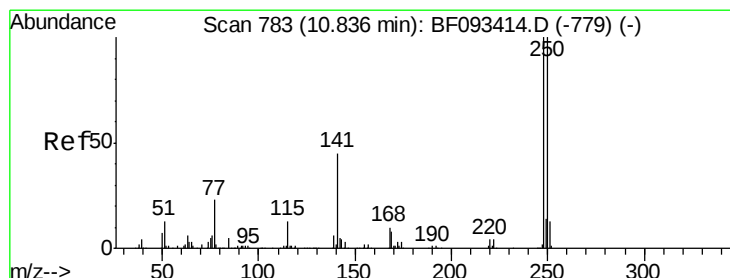
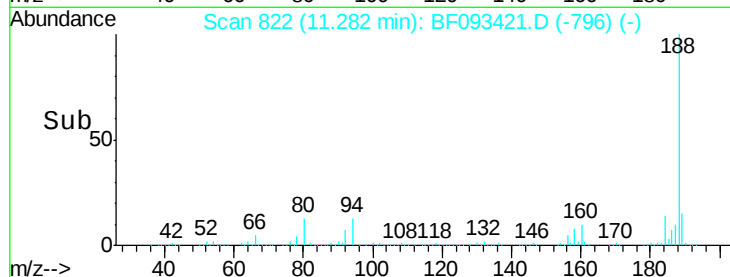
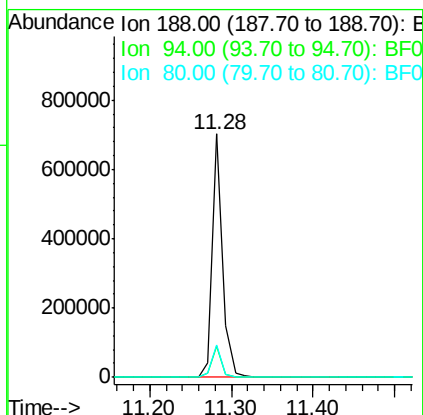
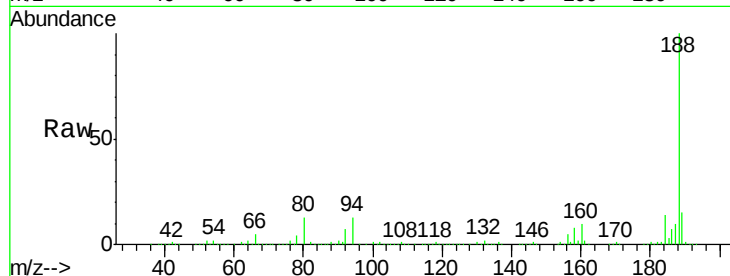




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF093421.D
Acq: 7 Mar 2017 16:19

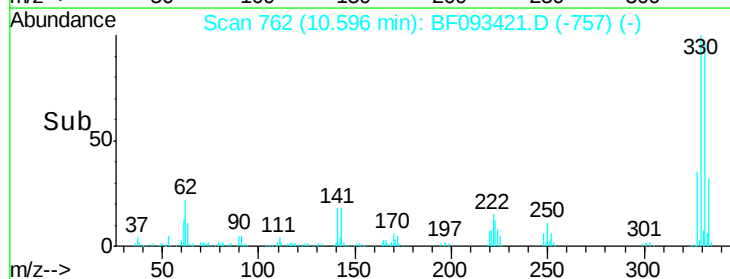
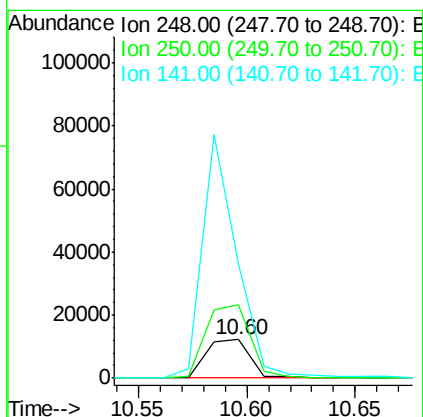
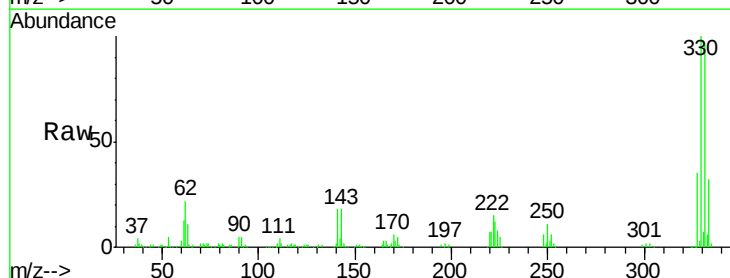
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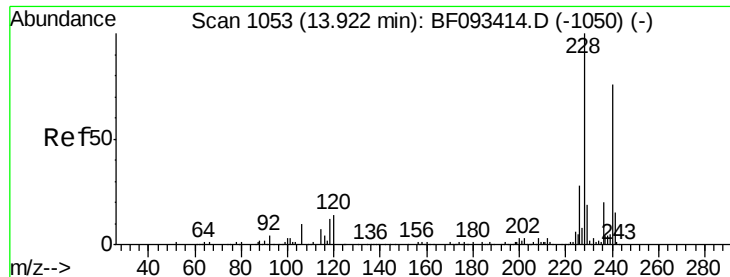
Tgt Ion:188 Resp: 631585
Ion Ratio Lower Upper
188 100
94 12.6 10.0 15.0
80 13.2 11.2 16.8



#66
4-Bromophenyl-phenylether
Concen: 2.55 ng
RT: 10.60 min Scan# 762
Delta R.T. -0.24 min
Lab File: BF093421.D
Acq: 7 Mar 2017 16:19

Tgt Ion:248 Resp: 17021
Ion Ratio Lower Upper
248 100
250 190.9 76.9 115.3#
141 296.8 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF093421.D

Acq: 7 Mar 2017 16:19

Instrument :

BNA_F

ClientSampleId :

PB97390BL

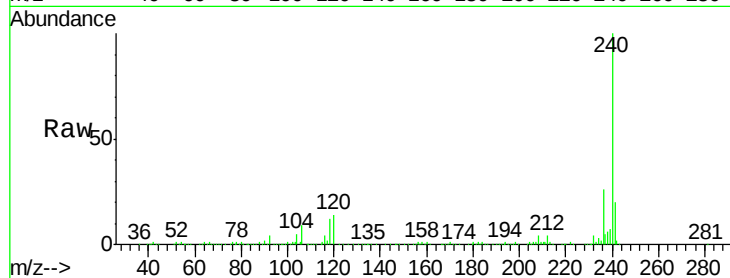
Tgt Ion:240 Resp: 573593

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

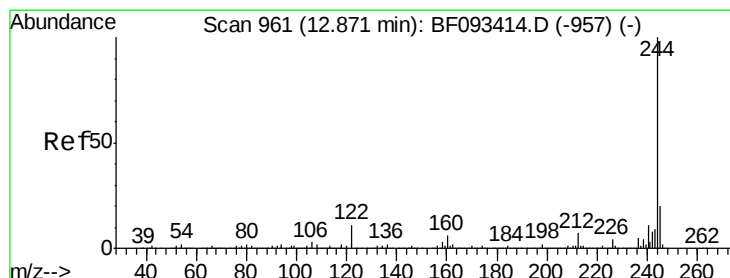
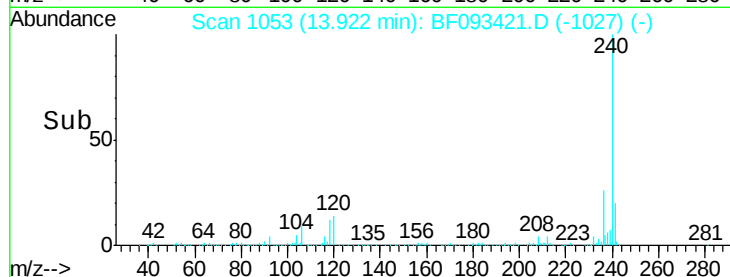
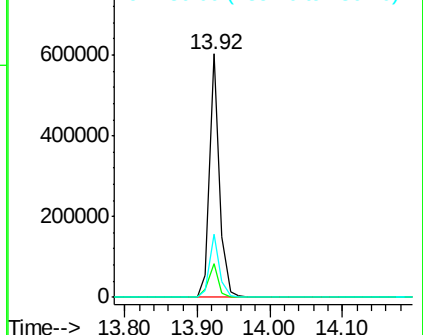
236 25.7 20.9 31.3



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: 67.30 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093421.D

Acq: 7 Mar 2017 16:19

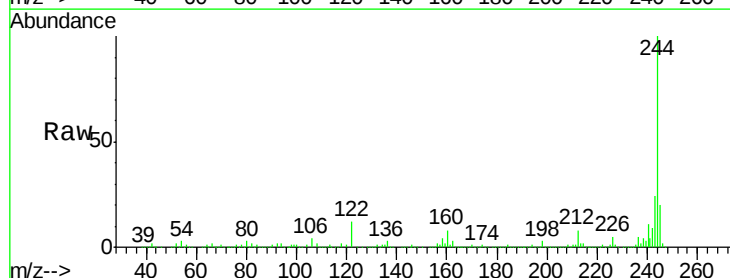
Tgt Ion:244 Resp: 1484688

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

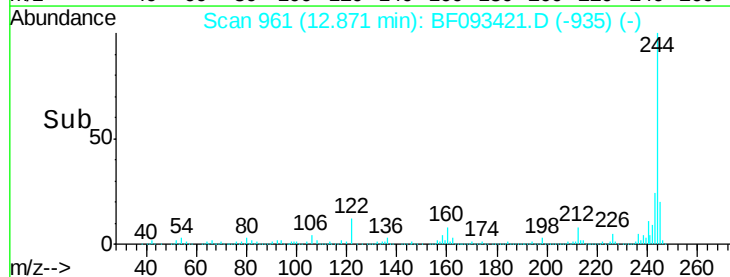
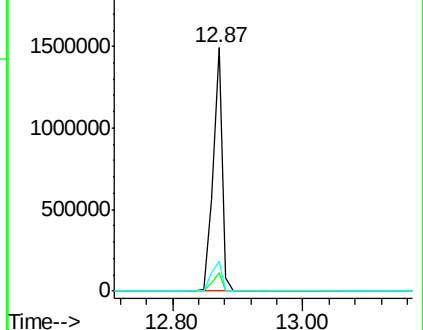
122 12.4 11.4 17.2

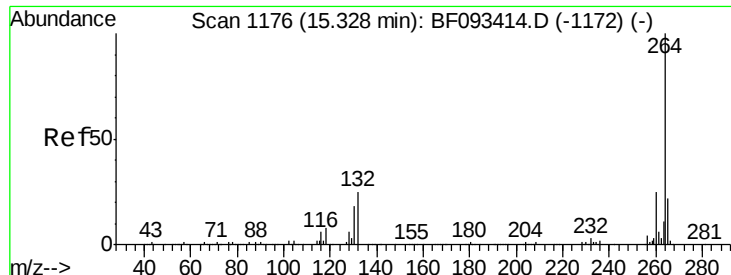


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF093421.D
Acq: 7 Mar 2017 16:19

Instrument :
BNA_F
ClientSampleId :
PB97390BL

Tgt Ion: 264 Resp: 499237
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.8 17.4 26.0

