

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093621.D
 Acq On : 13 Mar 2017 21:34
 Operator : SJ/MA
 Sample : I2230-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-CHAR

Quant Time: Mar 14 01:05:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

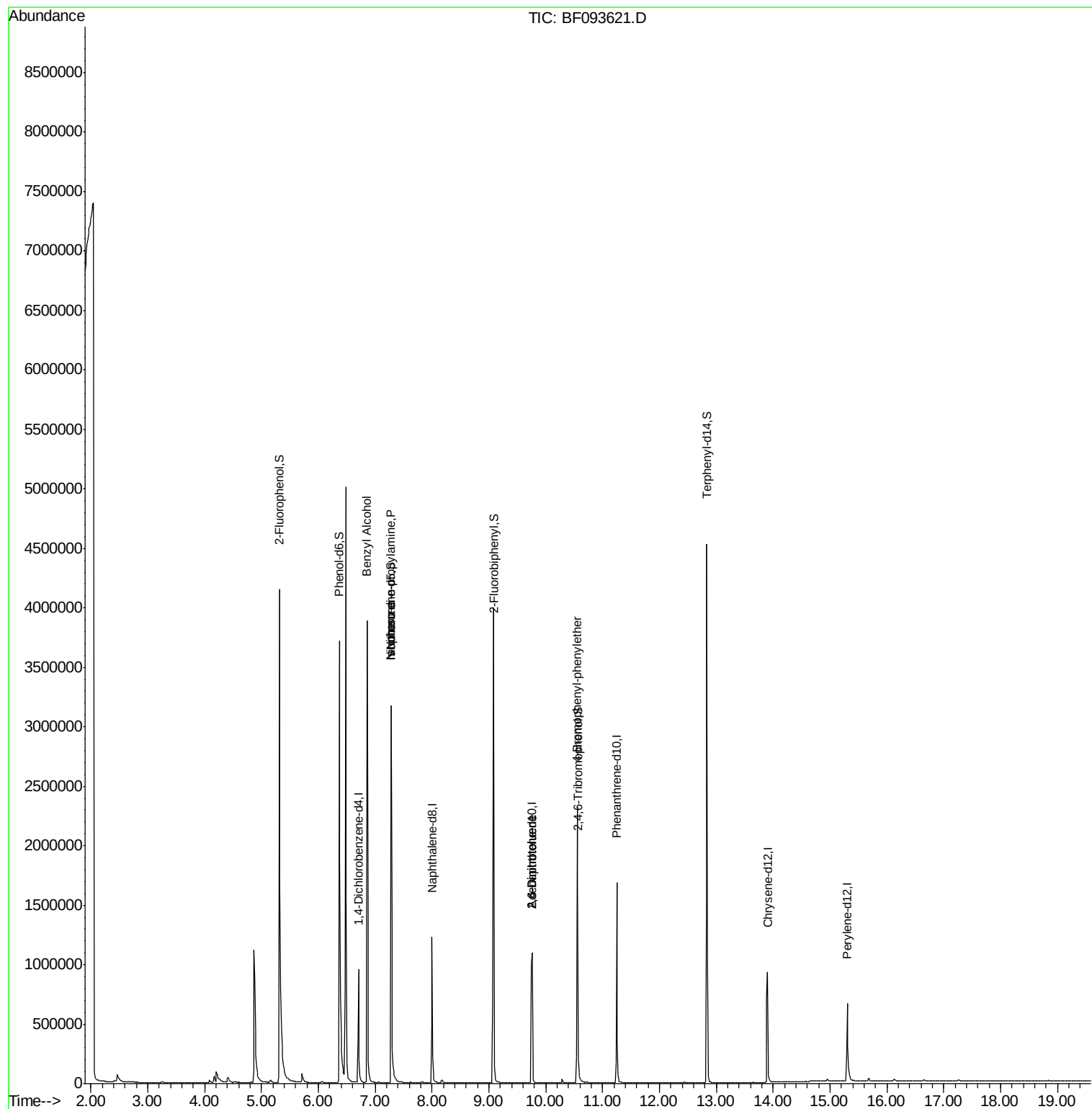
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	170573	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	678392	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	318201	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	634170	20.00	ng	0.00
75) Chrysene-d12	13.90	240	480493	20.00	ng	0.01
86) Perylene-d12	15.31	264	323798	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1569240	153.12	ng	0.00
7) Phenol-d6	6.37	99	1854636	143.50	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1239286	101.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	382130	184.32	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1968706	115.08	ng	0.00
78) Terphenyl-d14	12.84	244	1599291	86.54	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2558	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	18929	2.05 ng	#	49
19) n-Nitroso-di-n-propylamine	7.28	70	167827	18.89 ng	#	83
25) Isophorone	7.28	82	1197439	48.57 ng	#	65
50) 2,6-Dinitrotoluene	9.76	165	39488	8.53 ng	#	32
56) 2,4-Dinitrotoluene	9.76	165	39488	6.94 ng	#	21
66) 4-Bromophenyl-phenylether	10.55	248	27275	4.07 ng	#	1

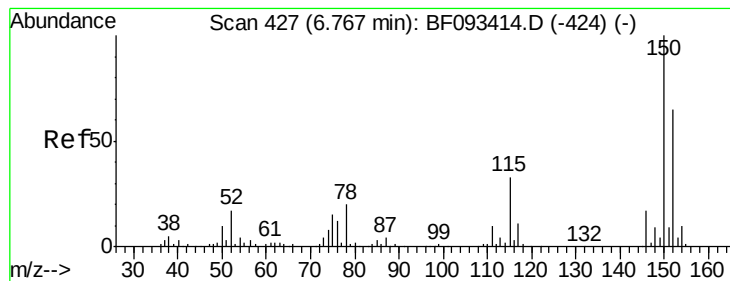
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093621.D

Acq: 13 Mar 2017 21:34

Instrument :

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ClientSampleId :

COMPOSITE-3-CHAR

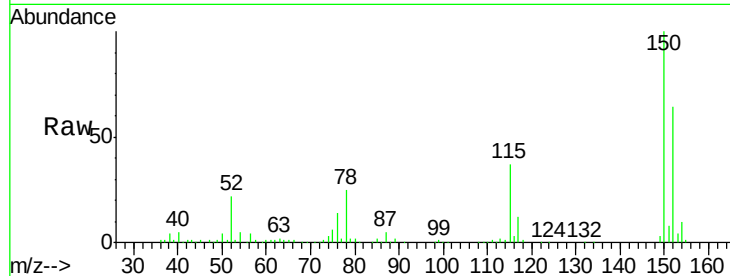
Tgt Ion:152 Resp: 170573

Ion Ratio Lower Upper

152 100

150 156.1 124.9 187.3

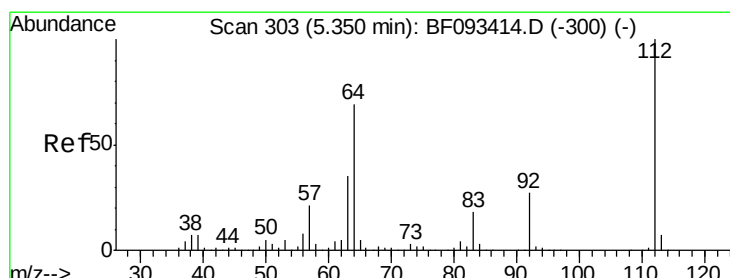
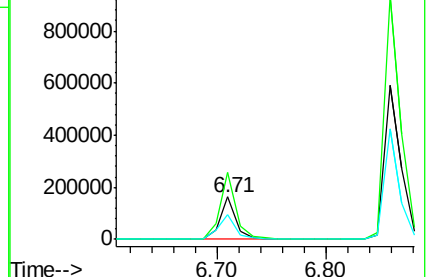
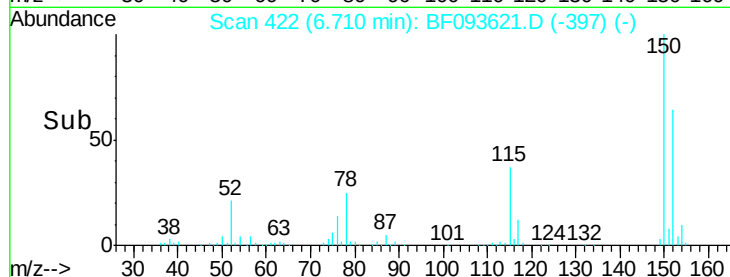
115 57.6 46.0 69.0



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: 153.12 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093621.D

Acq: 13 Mar 2017 21:34

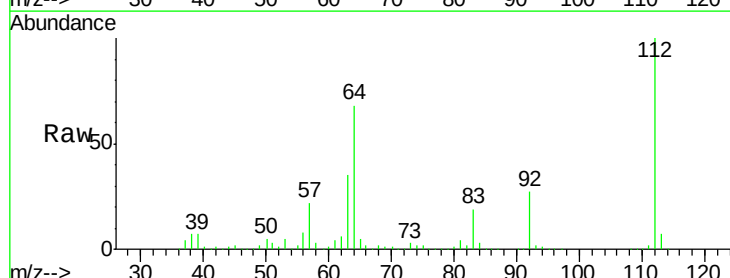
Tgt Ion:112 Resp: 1569240

Ion Ratio Lower Upper

112 100

64 67.7 46.1 69.1

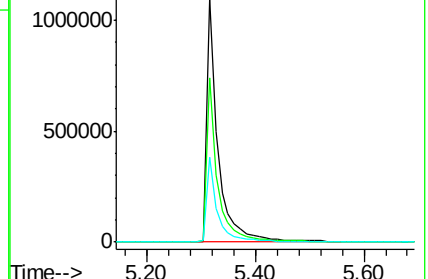
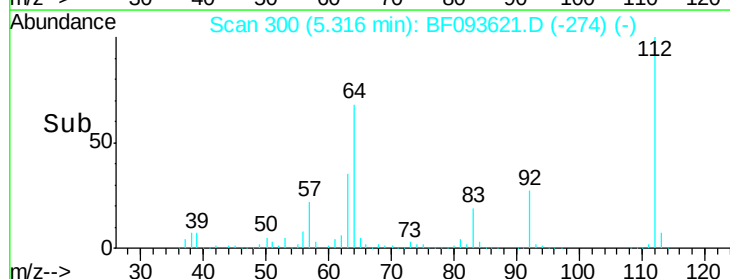
63 35.0 23.8 35.6

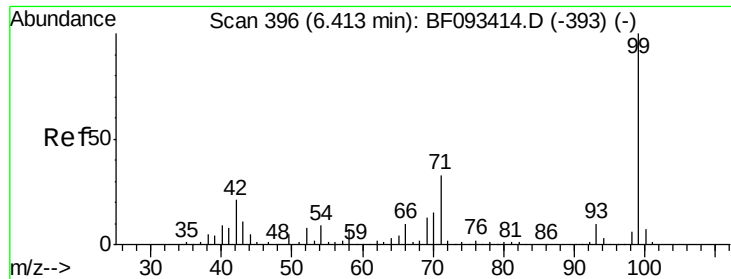


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 143.50 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093621.D

Acq: 13 Mar 2017 21:34

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3-CHAR

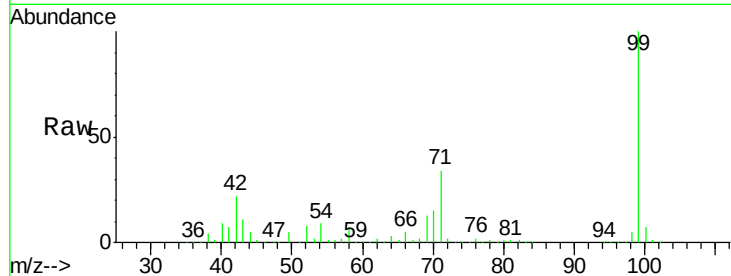
Tgt Ion: 99 Resp: 1854636

Ion Ratio Lower Upper

99 100

42 22.2 15.6 23.4

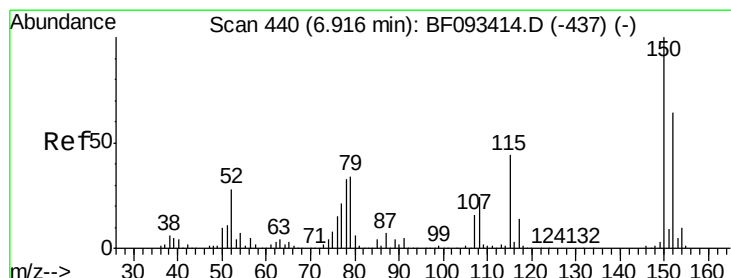
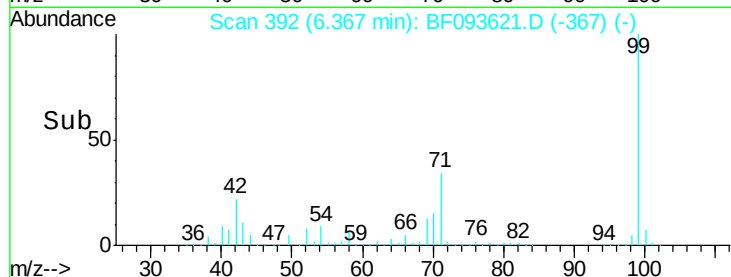
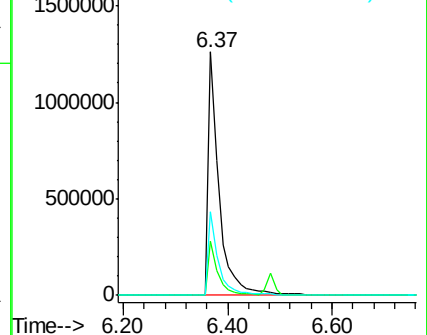
71 34.4 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093621.D

Acq: 13 Mar 2017 21:34

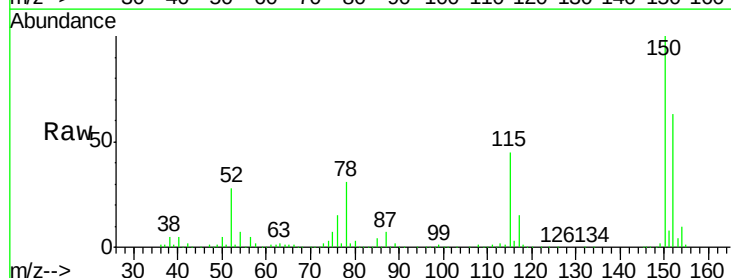
Tgt Ion: 79 Resp: 18929

Ion Ratio Lower Upper

79 100

108 31.1 61.4 92.0#

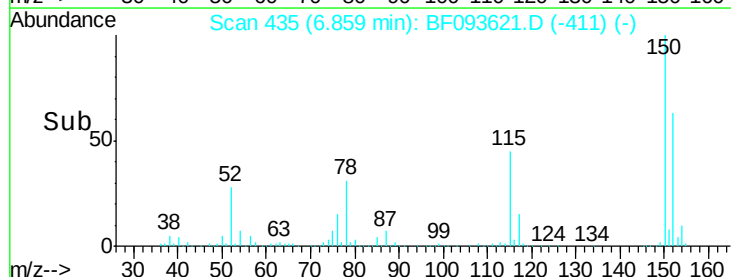
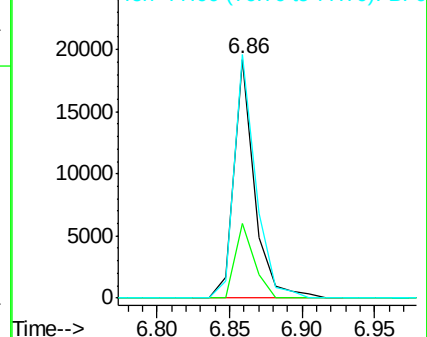
77 101.9 50.9 76.3#

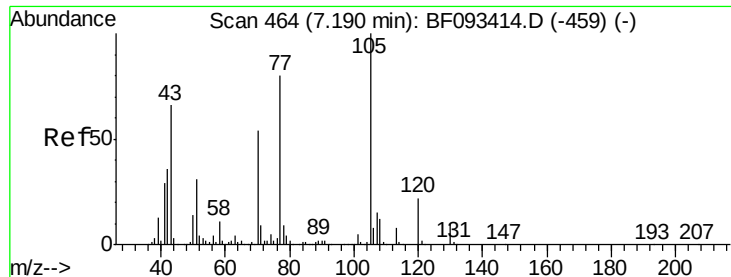


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

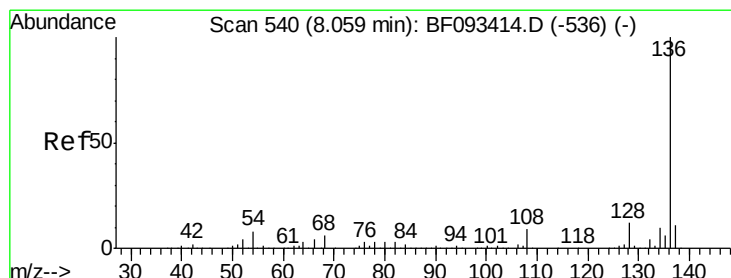
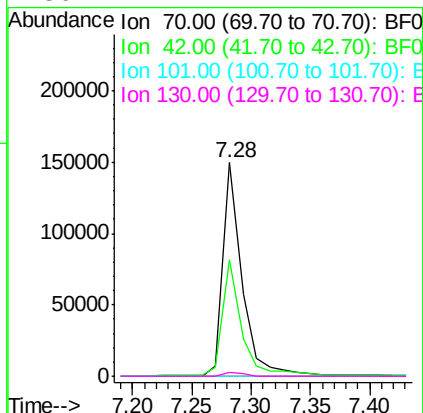
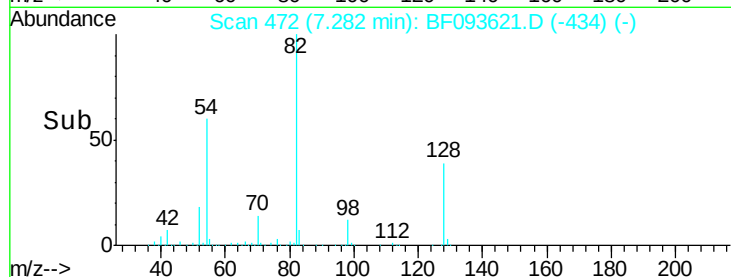
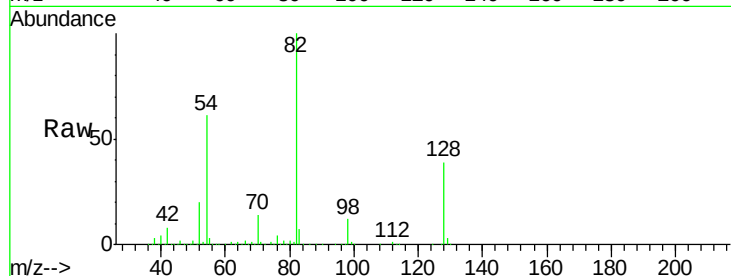




#19
n-Nitroso-di-n-propylamine
Concen: 18.89 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093621.D
Acq: 13 Mar 2017 21:34

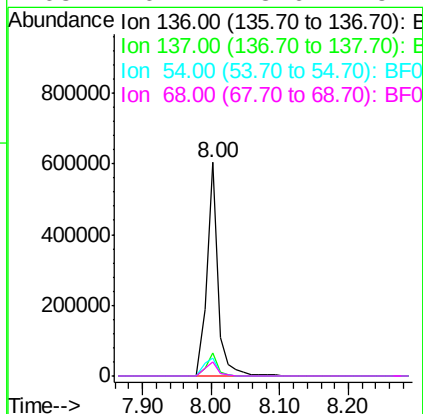
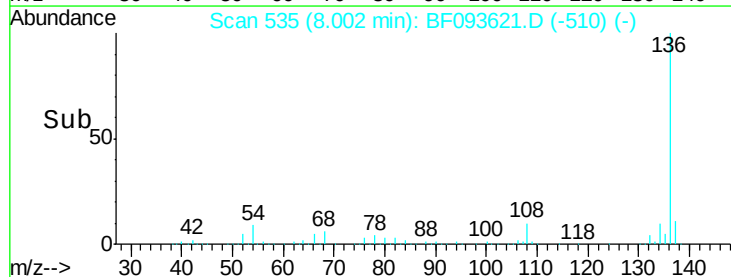
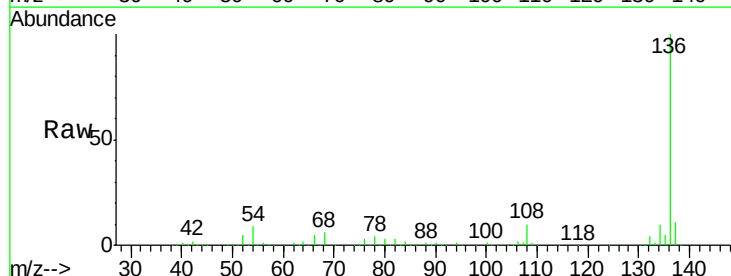
Instrument :
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COMPOSITE-3-CHAR

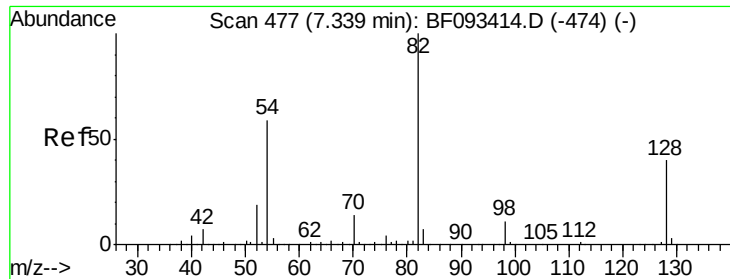
Tgt Ion: 70 Resp: 167827
Ion Ratio Lower Upper
70 100
42 54.3 49.4 74.0
101 0.0 7.4 11.2#
130 1.7 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093621.D
Acq: 13 Mar 2017 21:34

Tgt Ion: 136 Resp: 678392
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.7 4.5 6.7#
68 6.4 3.6 5.4#

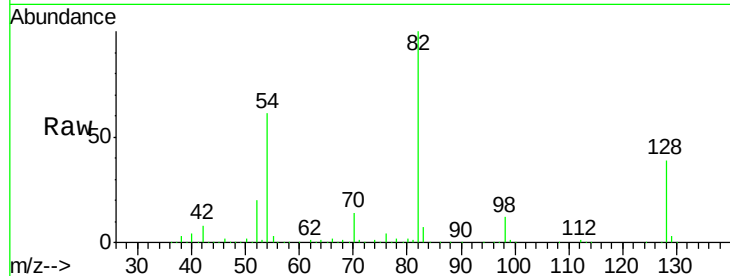




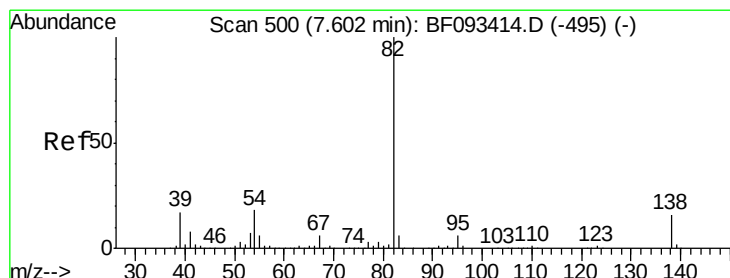
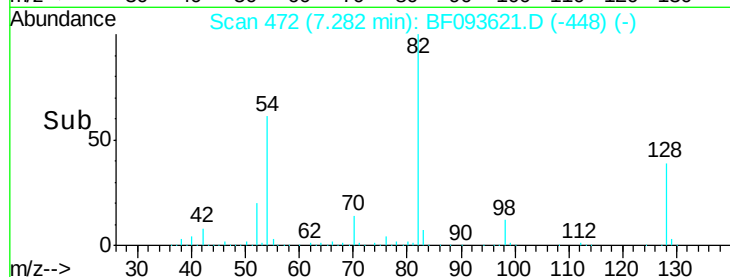
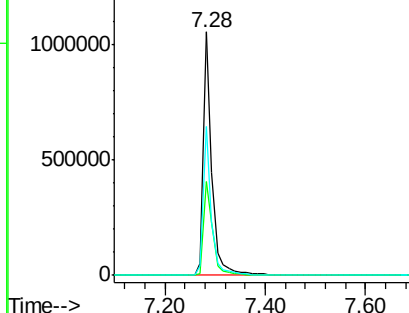
#23
 Nitrobenzene-d5
 Concen: 101.36 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093621.D
 Acq: 13 Mar 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-CHAR

Tgt Ion: 82 Resp: 1239286
 Ion Ratio Lower Upper
 82 100
 128 38.7 34.6 52.0
 54 61.0 39.5 59.3#

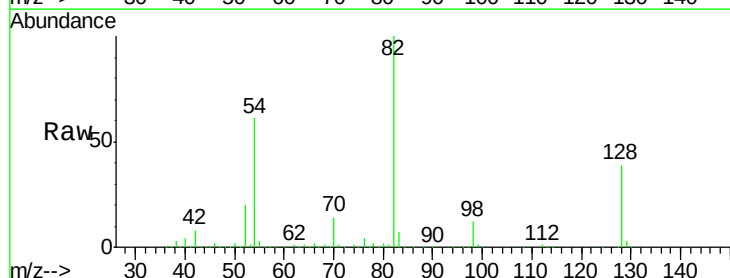


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

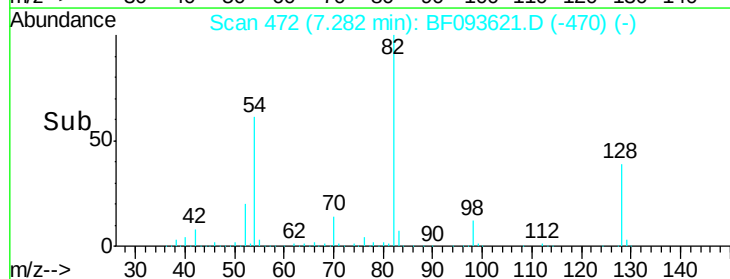
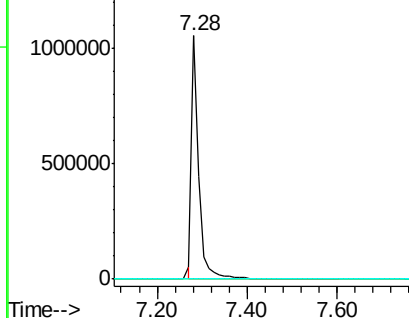


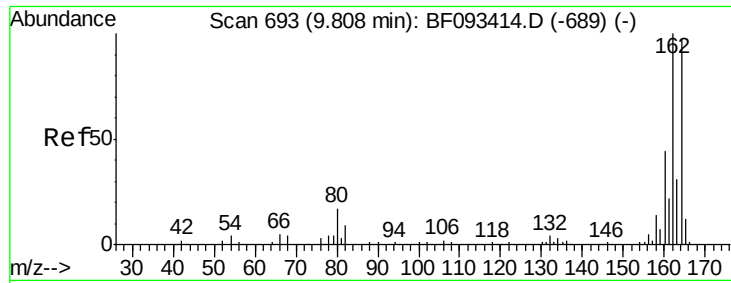
#25
 Isophorone
 Concen: 48.57 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093621.D
 Acq: 13 Mar 2017 21:34

Tgt Ion: 82 Resp: 1197439
 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

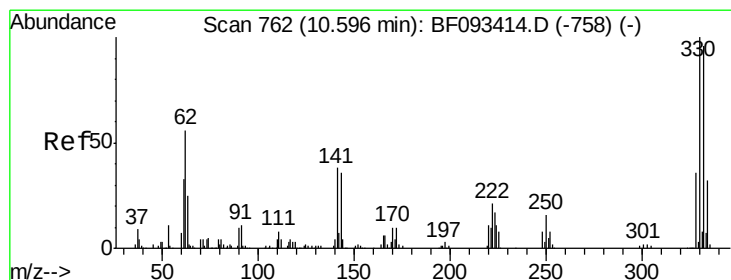
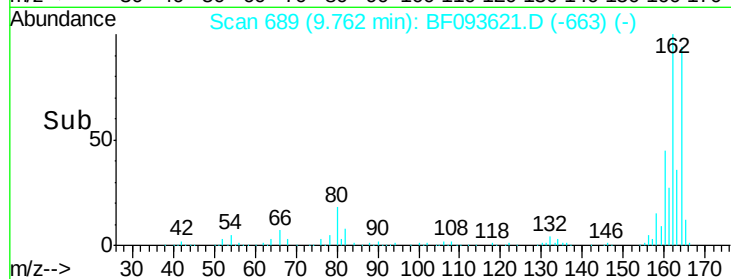
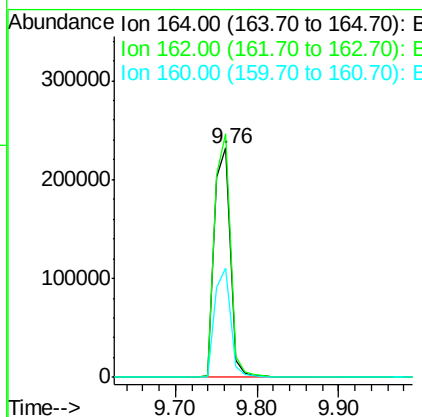
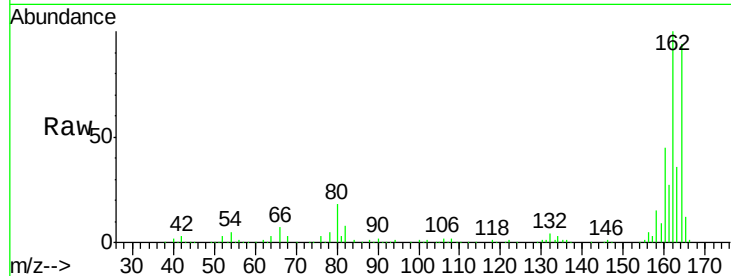




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093621.D
 Acq: 13 Mar 2017 21:34

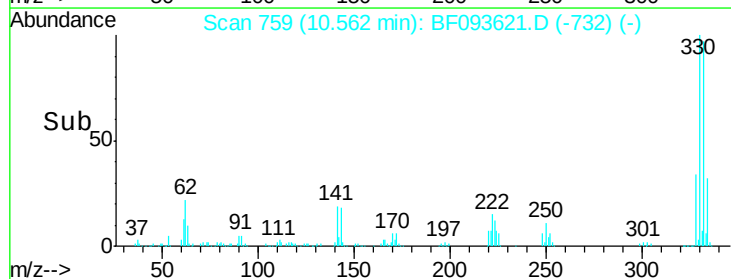
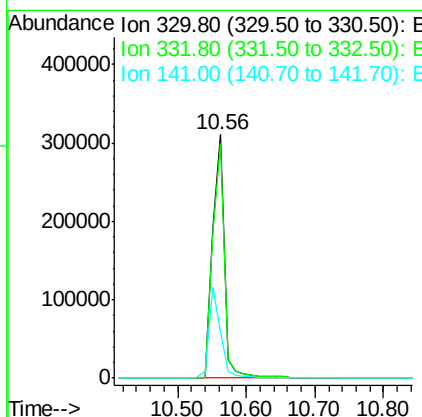
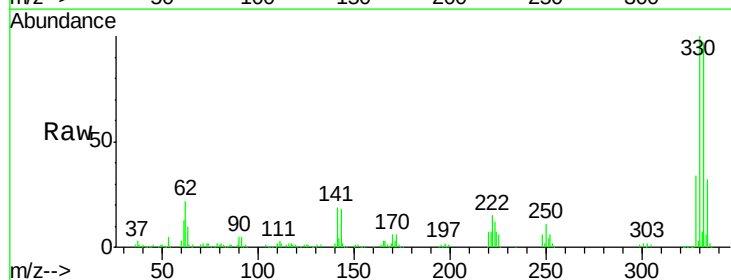
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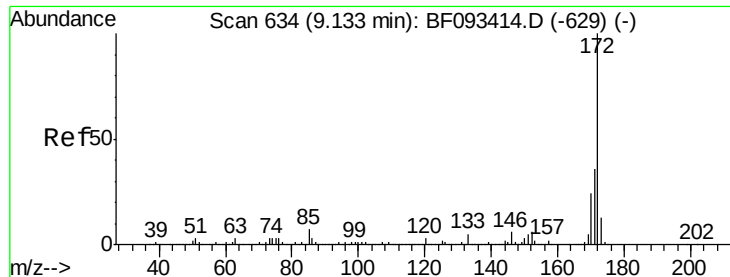
Tgt Ion:164 Resp: 318201
 Ion Ratio Lower Upper
 164 100
 162 106.2 80.2 120.2
 160 47.4 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 184.32 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093621.D
 Acq: 13 Mar 2017 21:34

Tgt Ion:330 Resp: 382130
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 36.9 34.1 51.1

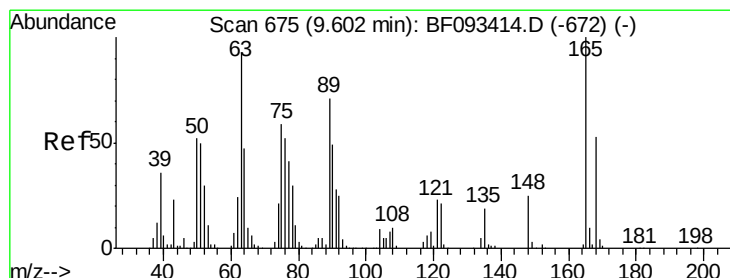
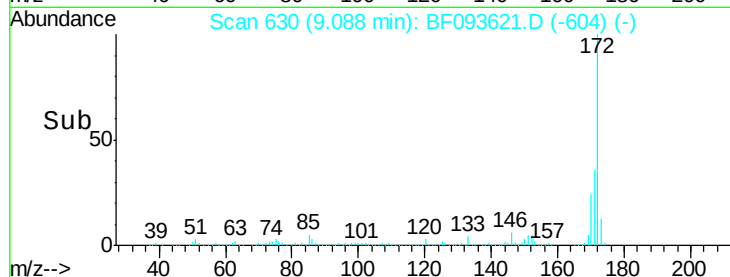
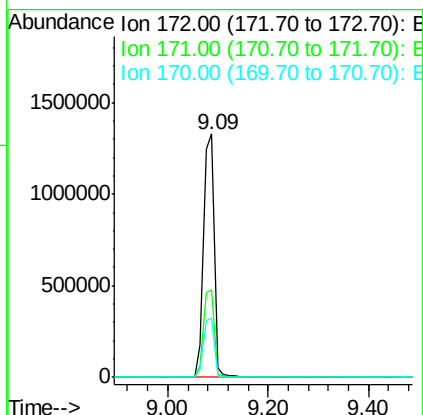
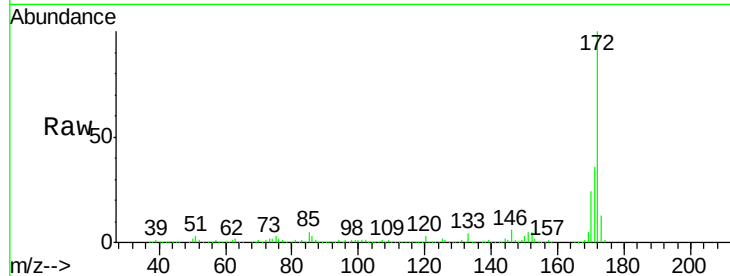




#44
 2-Fluorobiphenyl
 Concen: 115.08 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093621.D
 Acq: 13 Mar 2017 21:34

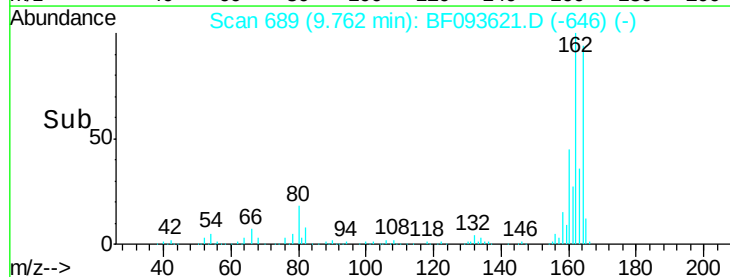
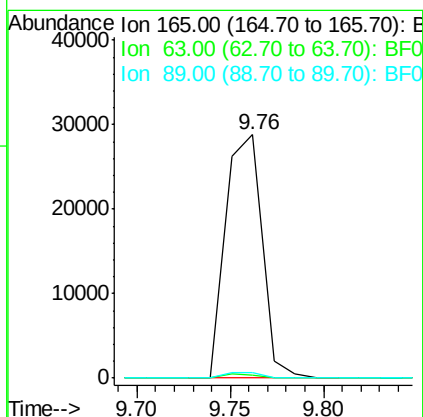
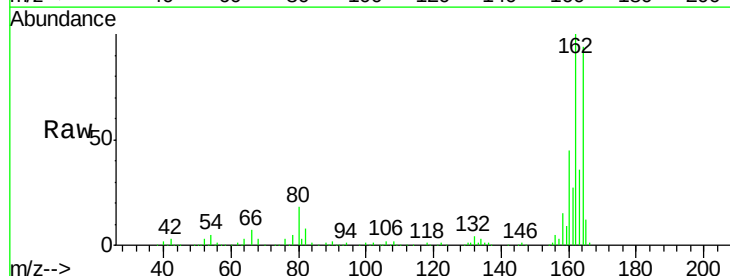
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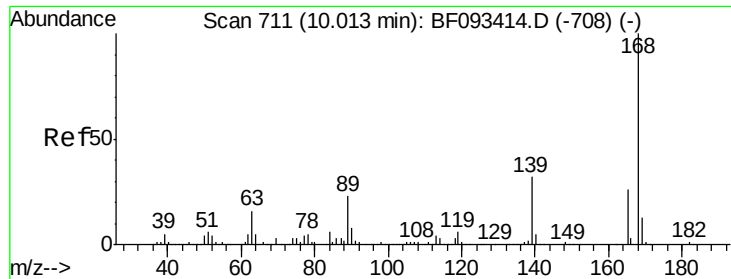
Tgt Ion:172 Resp: 1968706
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.4 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 8.53 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.19 min
 Lab File: BF093621.D
 Acq: 13 Mar 2017 21:34

Tgt Ion:165 Resp: 39488
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.2 54.4#
 89 2.4 40.2 60.4#

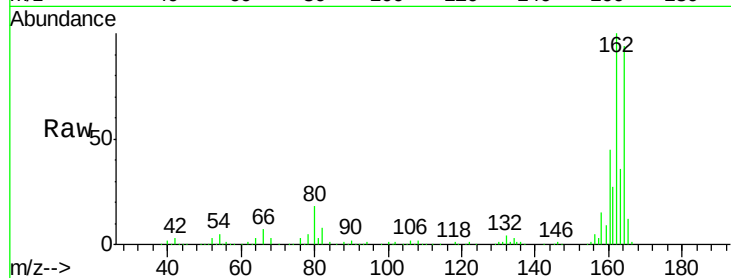




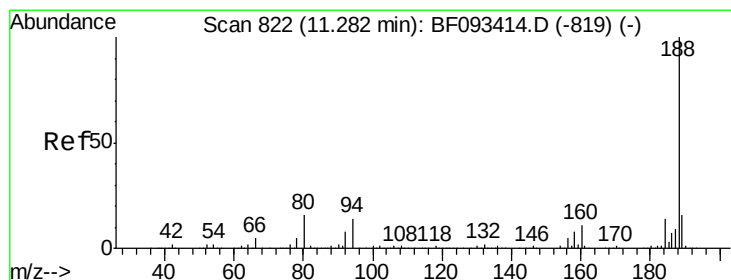
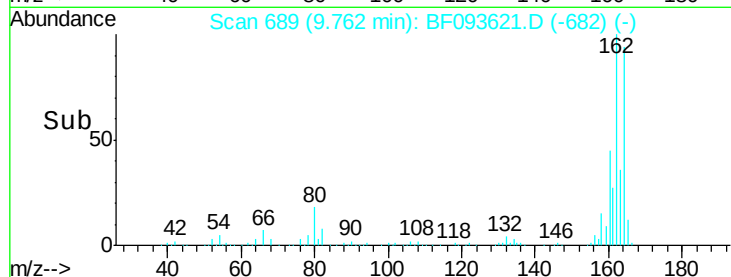
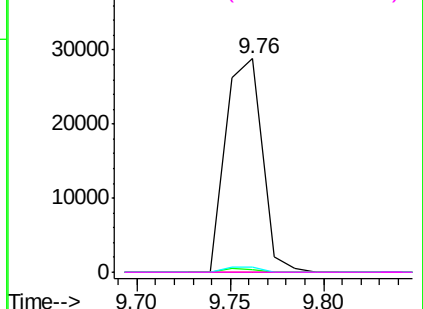
#56
 2,4-Dinitrotoluene
 Concen: 6.94 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093621.D
 Acq: 13 Mar 2017 21:34

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-CHAR

Tgt Ion:165 Resp: 39488
 Ion Ratio Lower Upper
 165 100
 63 1.3 40.2 60.4#
 89 2.4 62.5 93.7#
 182 0.0 1.8 2.8#

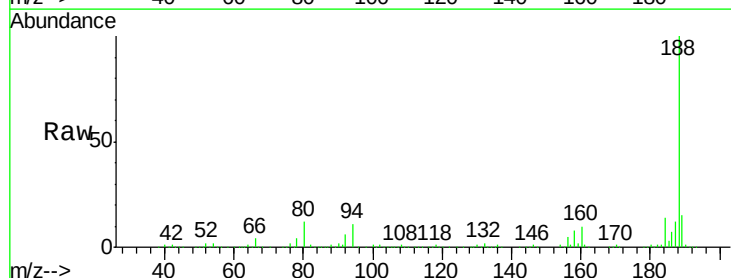


Abundance Ion 165.00 (164.70 to 165.70): E

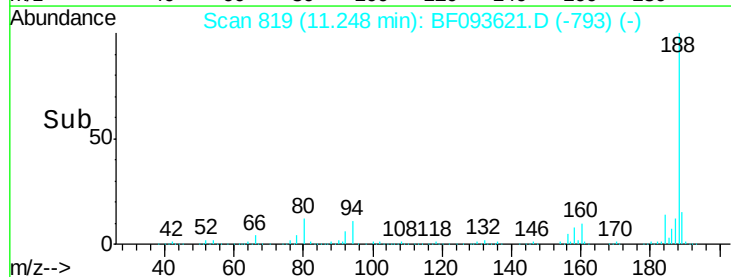
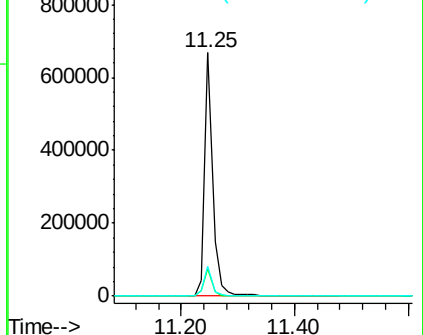


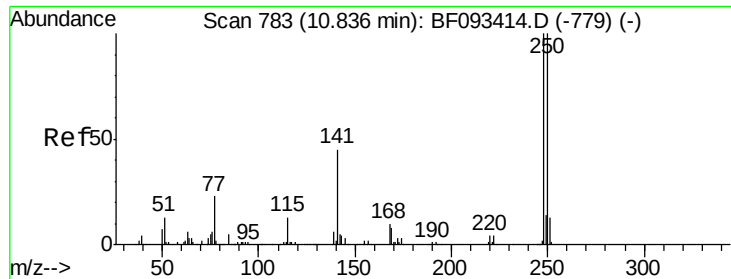
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF093621.D
 Acq: 13 Mar 2017 21:34

Tgt Ion:188 Resp: 634170
 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

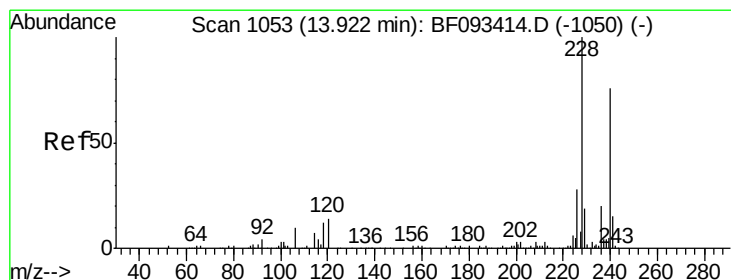
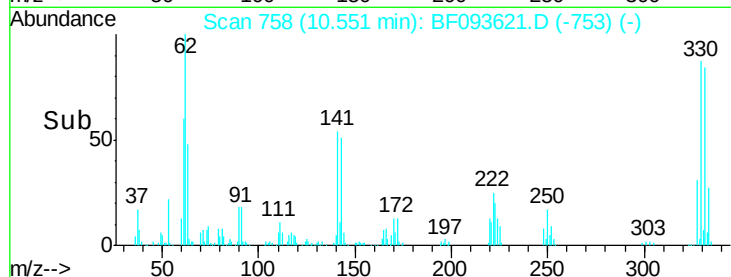
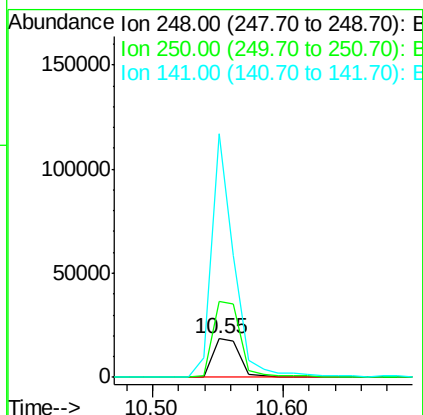
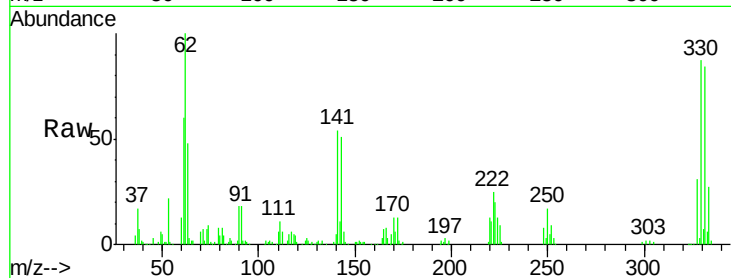




#66
 4-Bromophenyl-phenylether
 Concen: 4.07 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.24 min
 Lab File: BF093621.D
 Acq: 13 Mar 2017 21:34

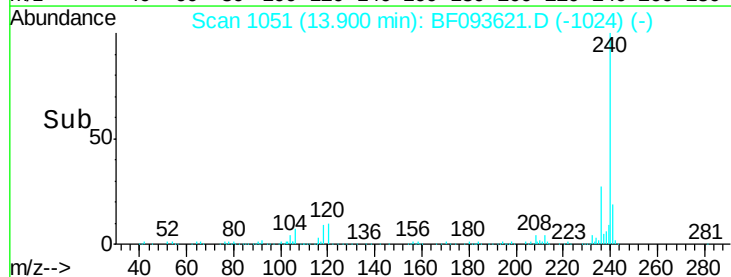
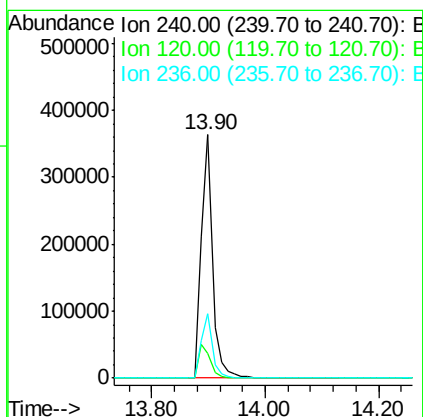
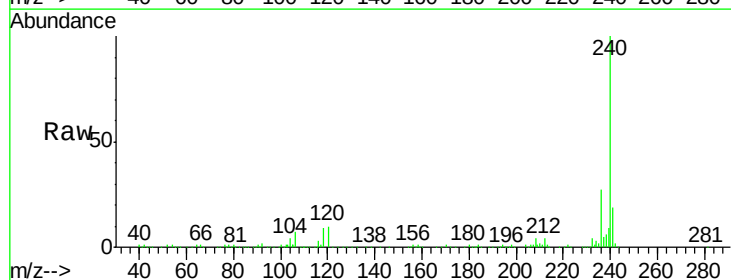
Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3-CHAR

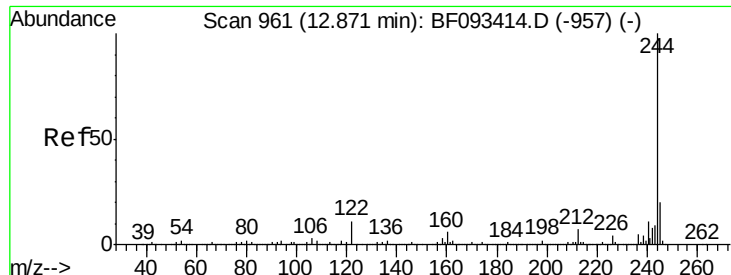
Tgt Ion:248 Resp: 27275
 Ion Ratio Lower Upper
 248 100
 250 198.3 76.9 115.3#
 141 632.8 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF093621.D
 Acq: 13 Mar 2017 21:34

Tgt Ion:240 Resp: 480493
 Ion Ratio Lower Upper
 240 100
 120 10.0 12.9 19.3#
 236 26.6 20.9 31.3





#78

Terphenyl-d14

Concen: 86.54 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093621.D

Acq: 13 Mar 2017 21:34

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3-CHAR

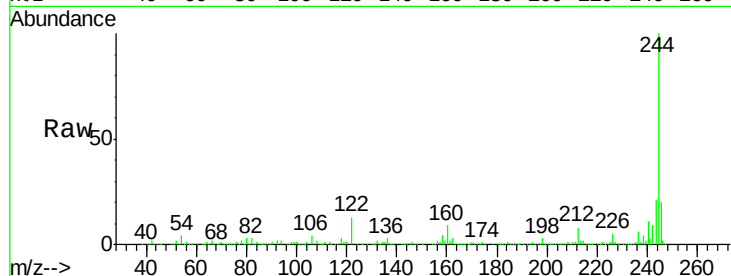
Tgt Ion:244 Resp: 1599291

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

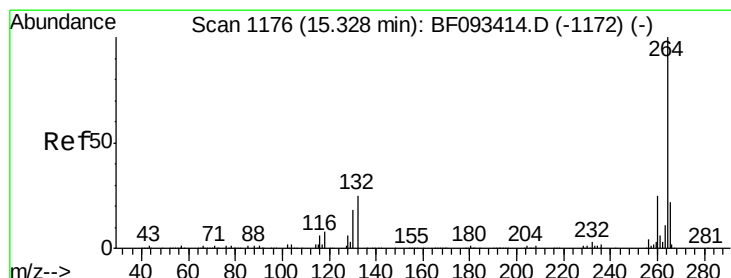
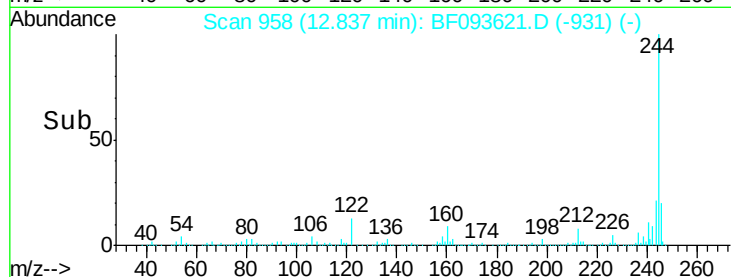
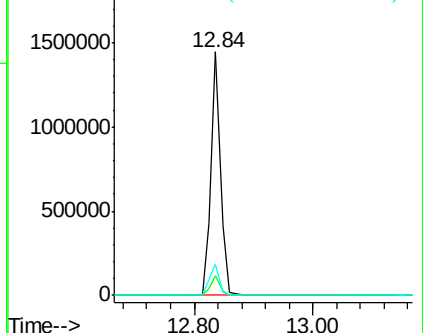
122 13.0 11.4 17.2



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: 15.31 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF093621.D

Acq: 13 Mar 2017 21:34

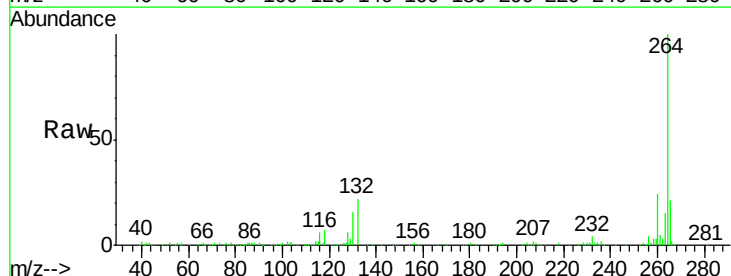
Tgt Ion:264 Resp: 323798

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 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

