

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093619.D
 Acq On : 13 Mar 2017 20:39
 Operator : SJ/MA
 Sample : I2230-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1-CHAR

Quant Time: Mar 14 01:05:25 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

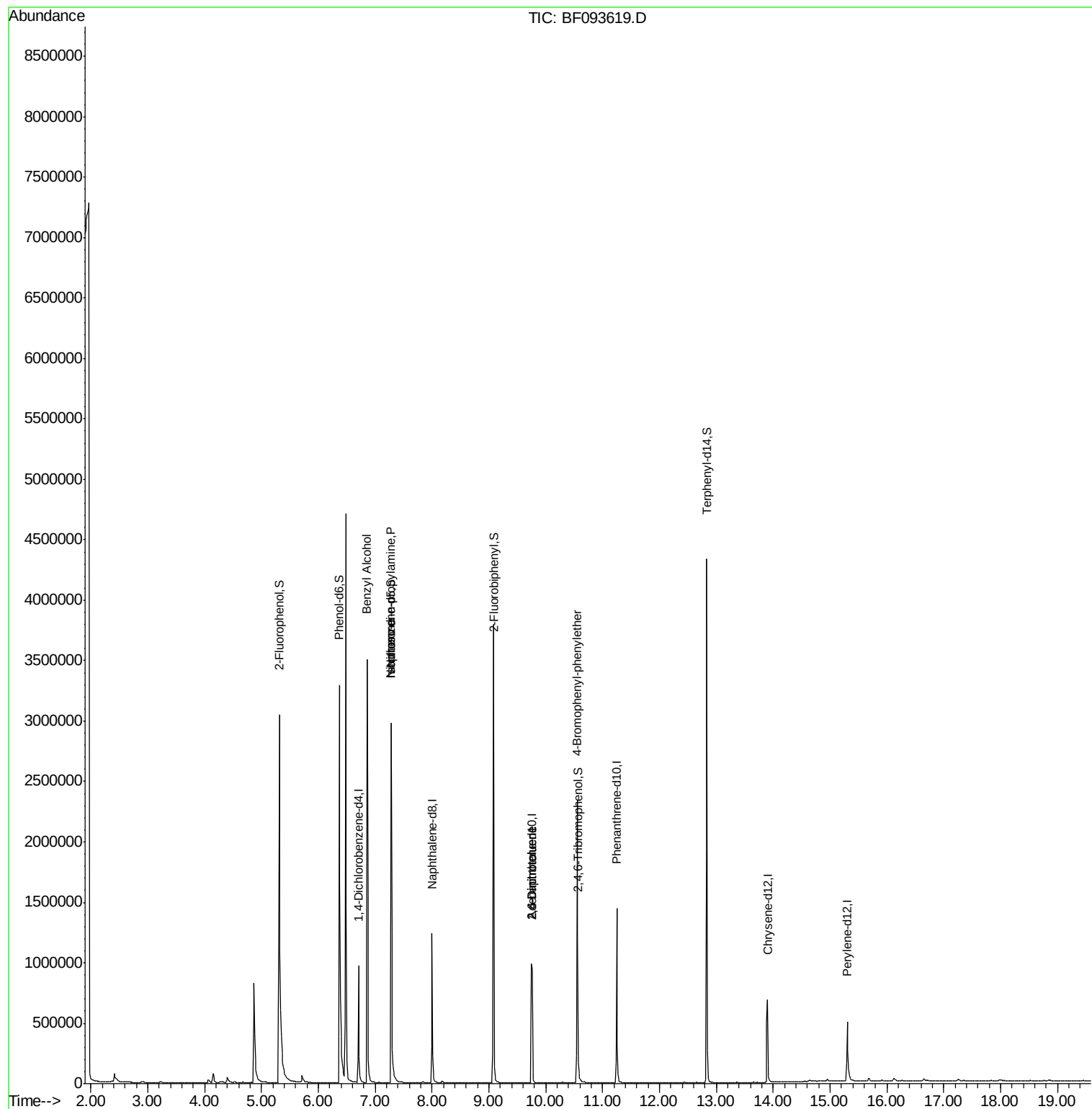
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	158188	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	631622	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	294203	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	555062	20.00	ng	0.00
75) Chrysene-d12	13.90	240	350795	20.00	ng	0.01
86) Perylene-d12	15.31	264	257209	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1339672	140.95	ng	0.00
7) Phenol-d6	6.37	99	1654269	138.02	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1164261	102.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	322500	168.25	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1787244	112.99	ng	0.00
78) Terphenyl-d14	12.84	244	1431031	106.06	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2109	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	17805	2.08 ng	#	49
19) n-Nitroso-di-n-propylamine	7.28	70	153340	18.61 ng	#	83
25) Isophorone	7.28	82	1140712	49.69 ng	#	65
50) 2,6-Dinitrotoluene	9.75	165	37728	8.82 ng	#	31
56) 2,4-Dinitrotoluene	9.75	165	37722	7.17 ng	#	20
66) 4-Bromophenyl-phenylether	10.55	248	22147	3.77 ng	#	1

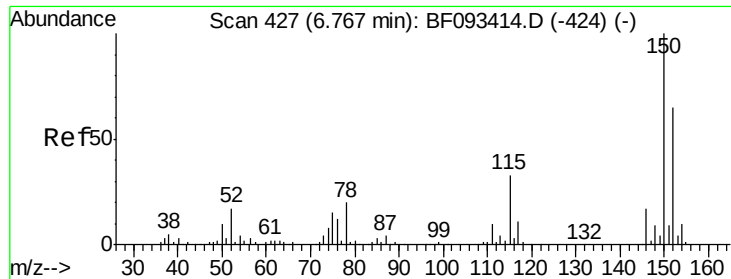
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093619.D

Acq: 13 Mar 2017 20:39

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1-CHAR

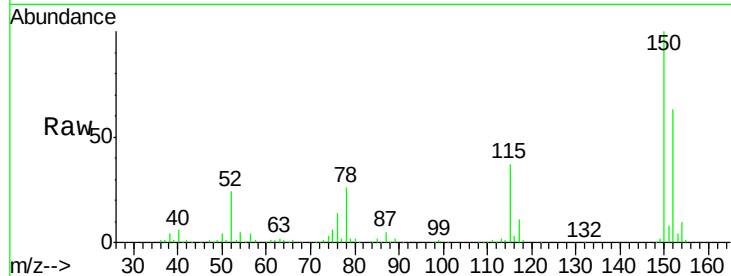
Tgt Ion:152 Resp: 158188

Ion Ratio Lower Upper

152 100

150 159.6 124.9 187.3

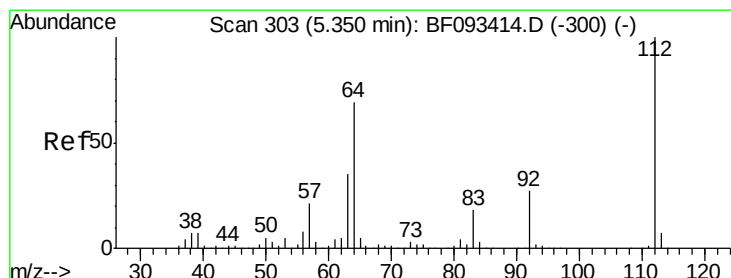
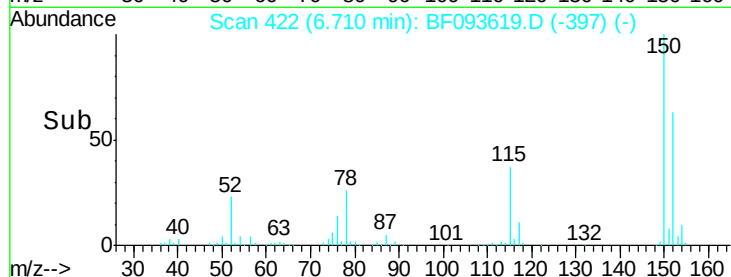
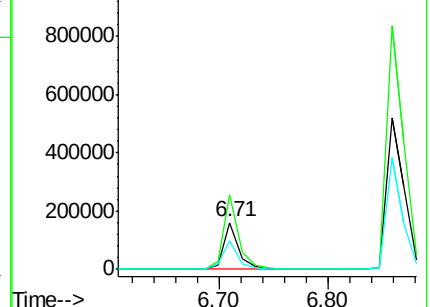
115 59.8 46.0 69.0



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: 140.95 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093619.D

Acq: 13 Mar 2017 20:39

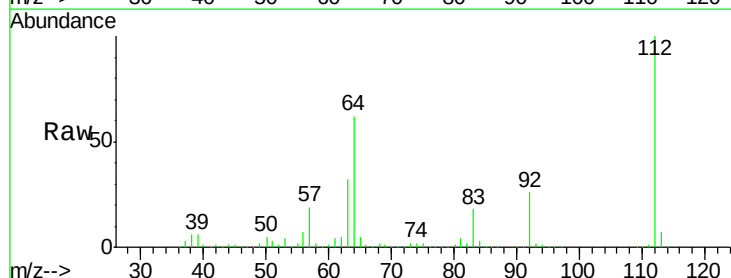
Tgt Ion:112 Resp: 1339672

Ion Ratio Lower Upper

112 100

64 61.9 46.1 69.1

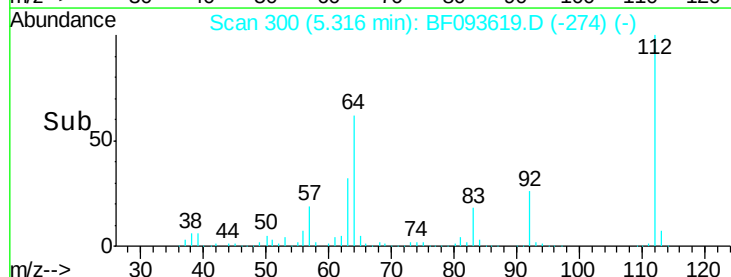
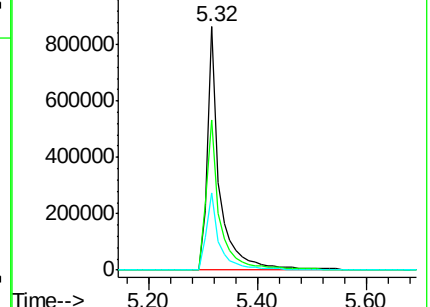
63 31.6 23.8 35.6

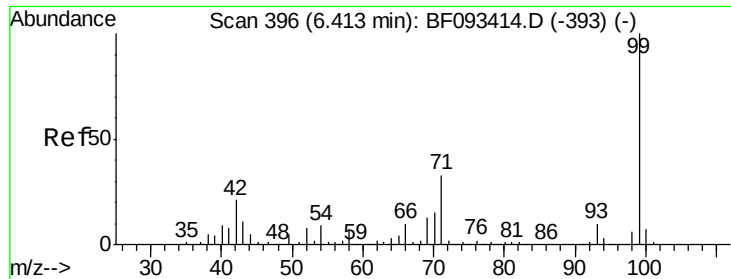


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.02 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093619.D

Acq: 13 Mar 2017 20:39

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1-CHAR

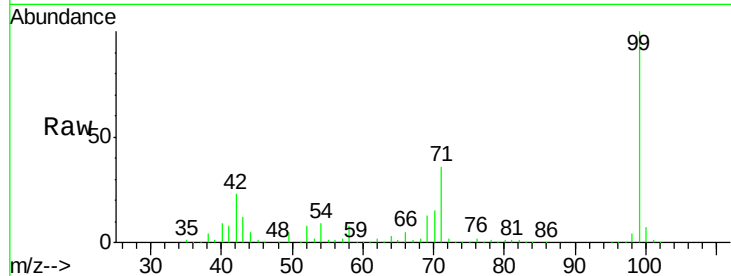
Tgt Ion: 99 Resp: 1654269

Ion Ratio Lower Upper

99 100

42 23.1 15.6 23.4

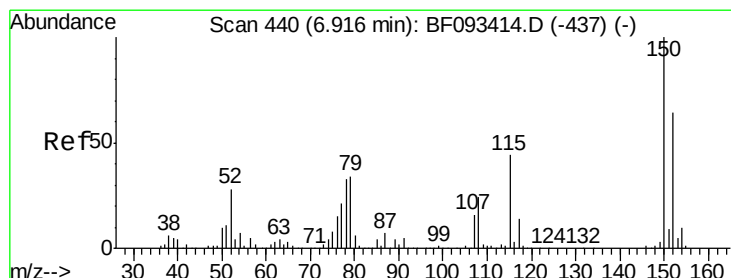
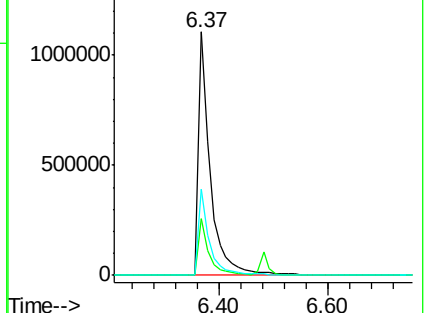
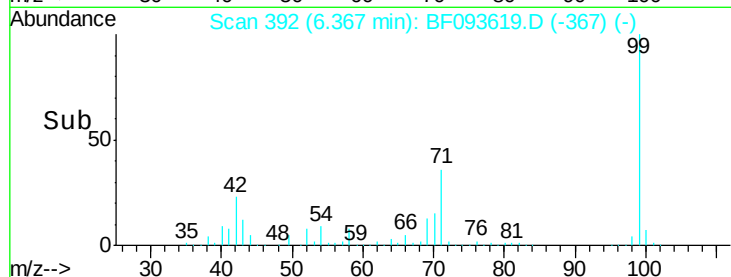
71 35.6 27.5 41.3



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: 2.08 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093619.D

Acq: 13 Mar 2017 20:39

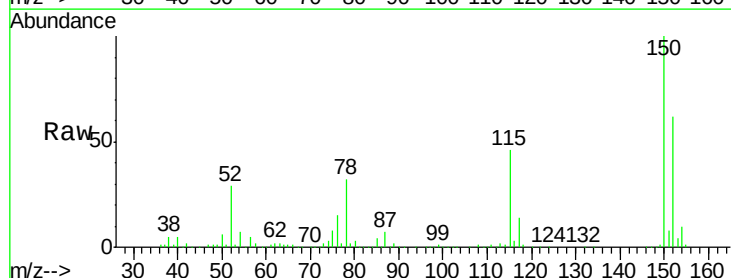
Tgt Ion: 79 Resp: 17805

Ion Ratio Lower Upper

79 100

108 30.8 61.4 92.0#

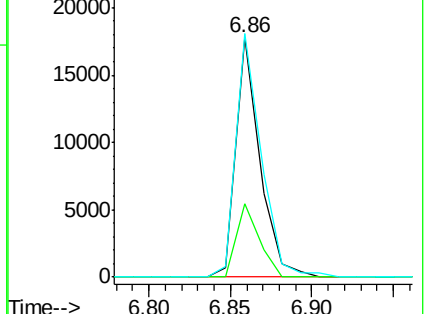
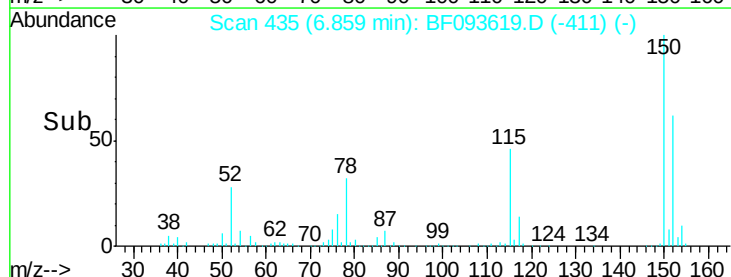
77 101.8 50.9 76.3#

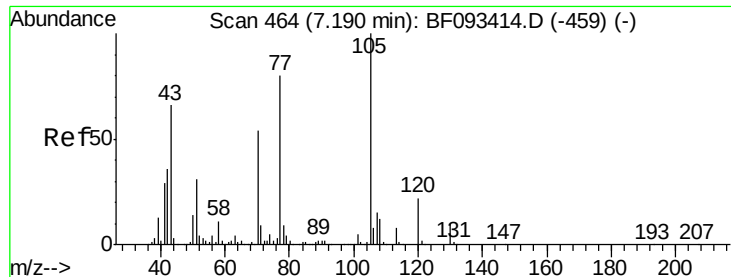


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

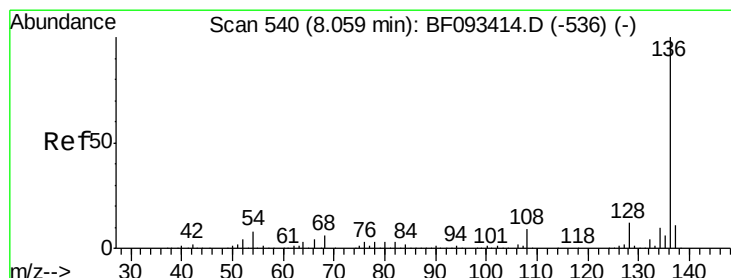
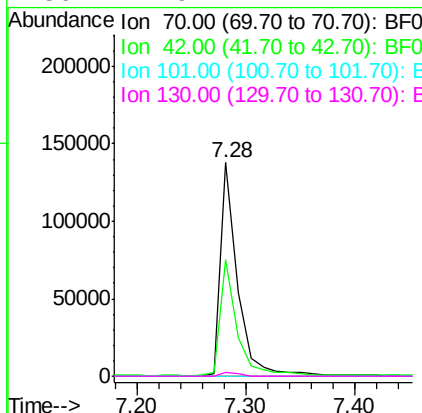
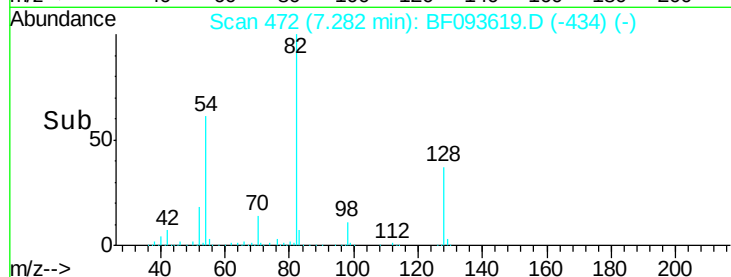
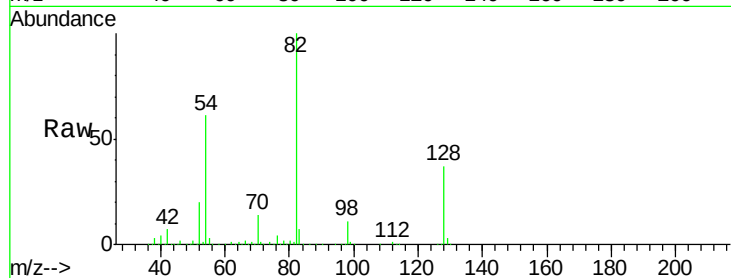




#19
n-Nitroso-di-n-propylamine
Concen: 18.61 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093619.D
Acq: 13 Mar 2017 20:39

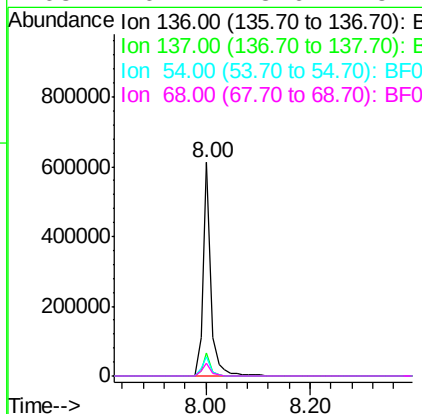
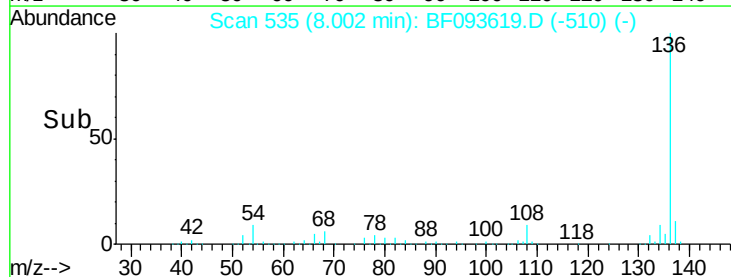
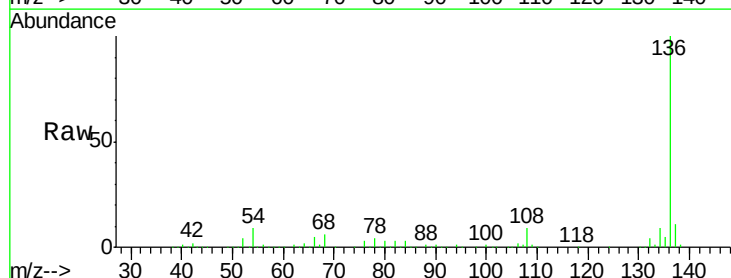
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-CHAR

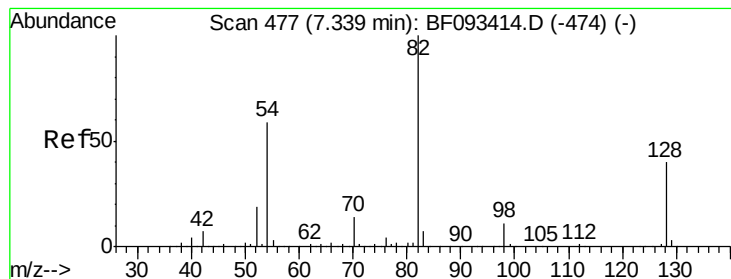
Tgt Ion: 70 Resp: 153340
Ion Ratio Lower Upper
70 100
42 54.4 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093619.D
Acq: 13 Mar 2017 20:39

Tgt Ion: 136 Resp: 631622
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.7 4.5 6.7#
68 6.2 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 102.27 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.02 min

Lab File: BF093619.D

Acq: 13 Mar 2017 20:39

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1-CHAR

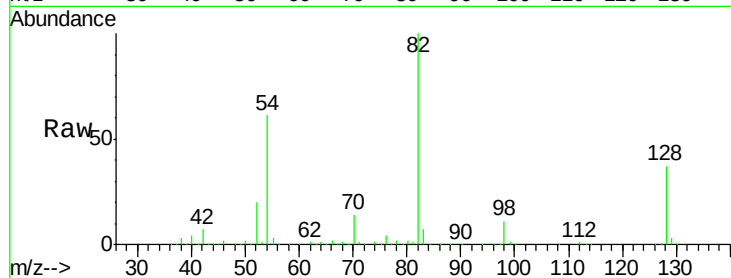
Tgt Ion: 82 Resp: 1164261

Ion Ratio Lower Upper

82 100

128 36.8 34.6 52.0

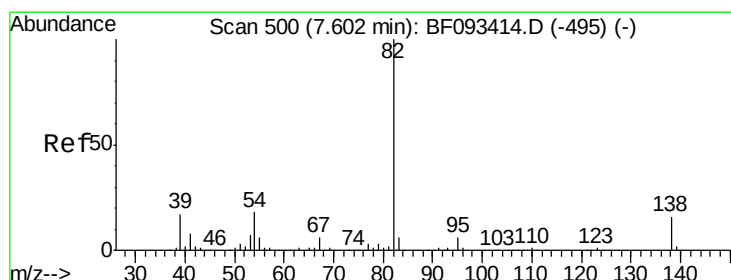
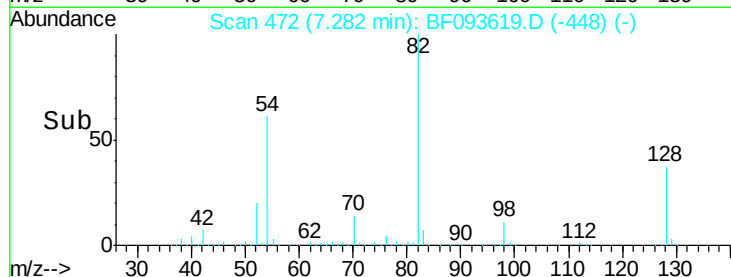
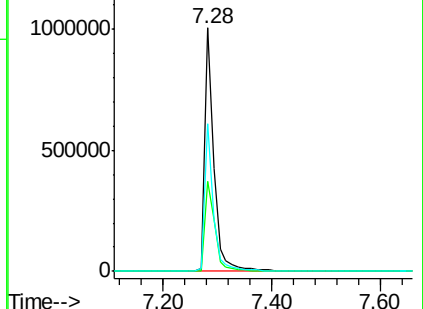
54 60.8 39.5 59.3#



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: 49.69 ng

RT: 7.28 min Scan# 472

Delta R.T. -0.27 min

Lab File: BF093619.D

Acq: 13 Mar 2017 20:39

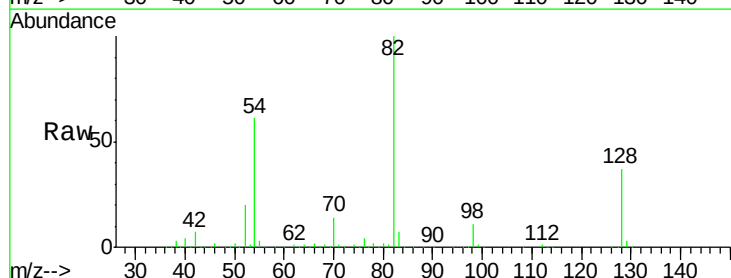
Tgt Ion: 82 Resp: 1140712

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

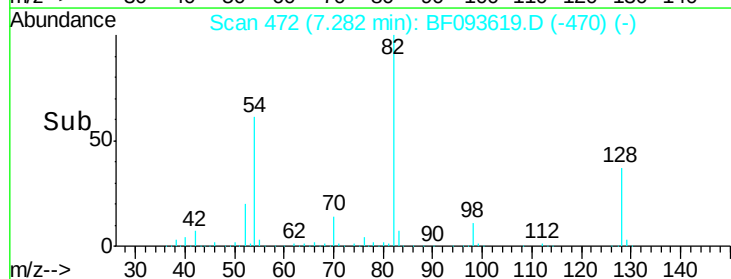
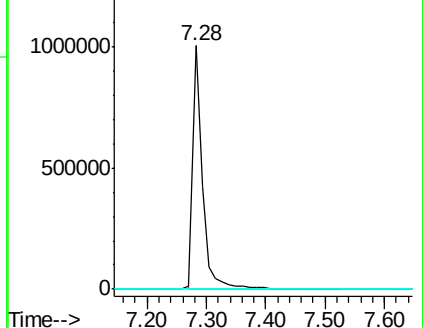
138 0.0 14.6 22.0#

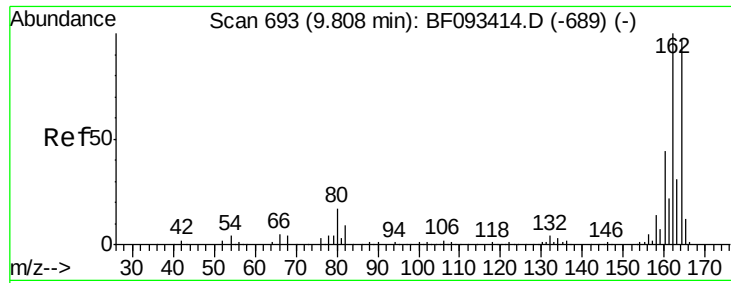


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

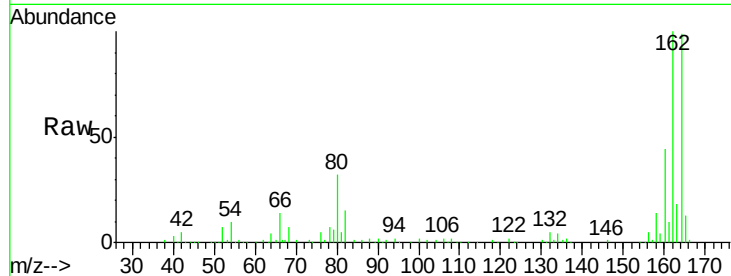




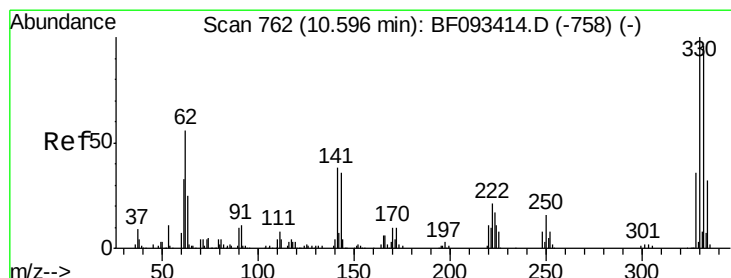
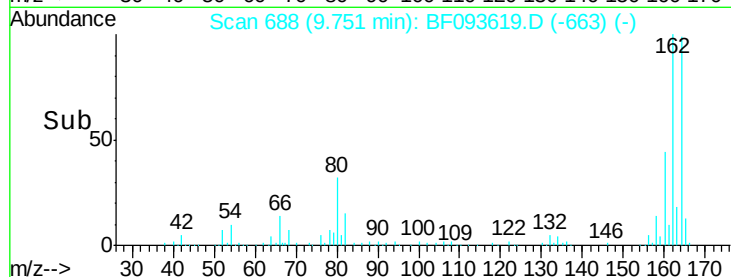
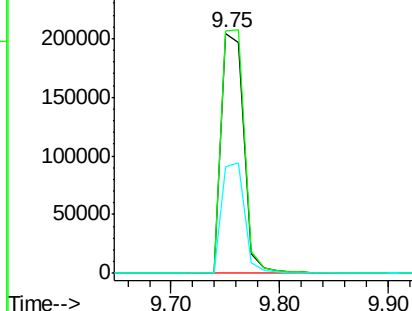
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093619.D
 Acq: 13 Mar 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1-CHAR

Tgt Ion:164 Resp: 294203
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.2 120.2
 160 44.5 36.9 55.3

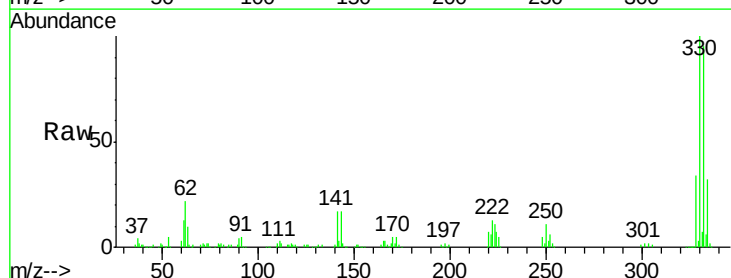


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

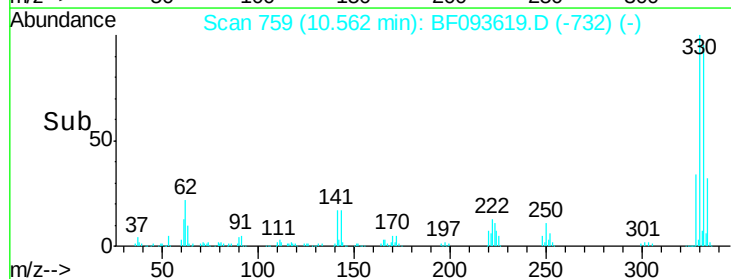
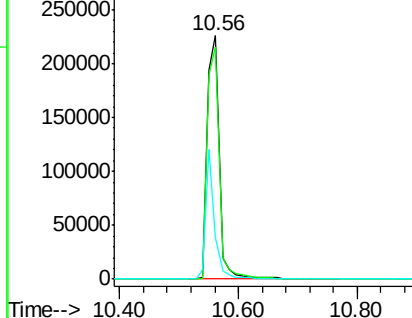


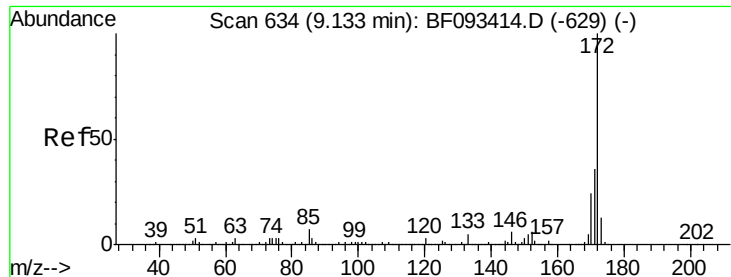
#41
 2,4,6-Tribromophenol
 Concen: 168.25 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093619.D
 Acq: 13 Mar 2017 20:39

Tgt Ion:330 Resp: 322500
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 39.8 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

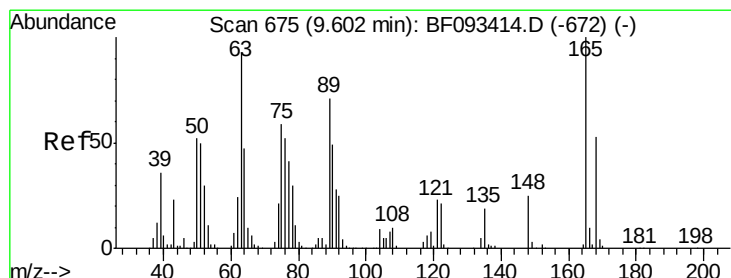
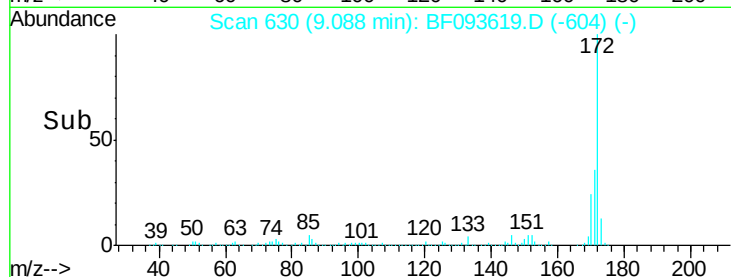
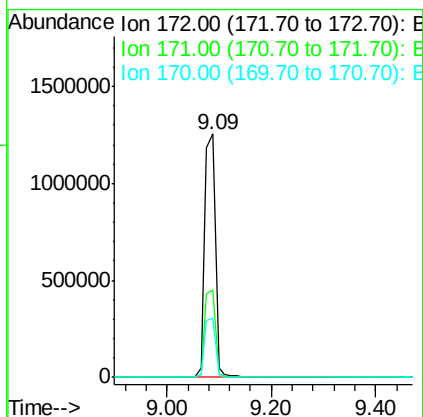
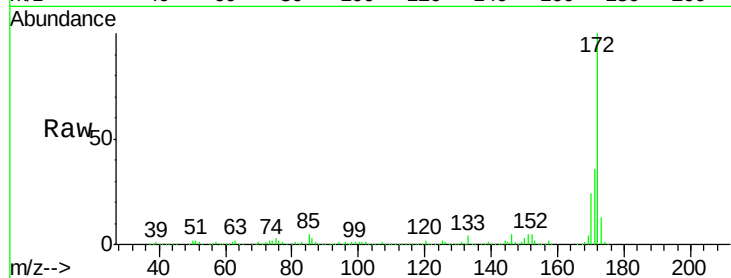




#44
 2-Fluorobiphenyl
 Concen: 112.99 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093619.D
 Acq: 13 Mar 2017 20:39

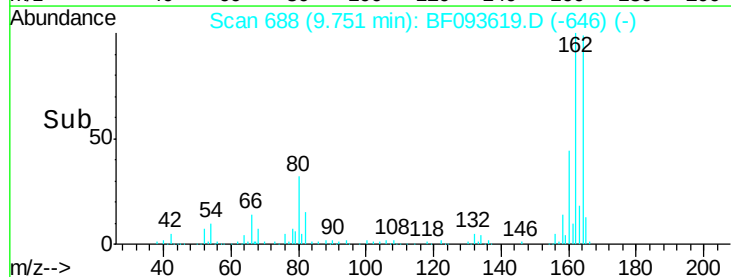
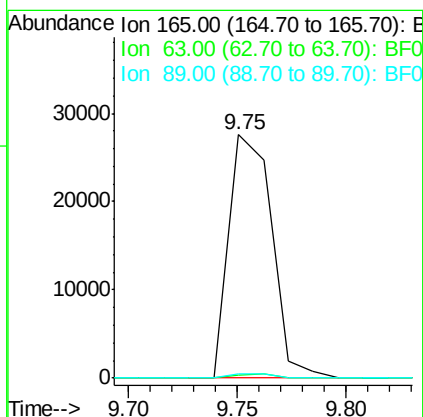
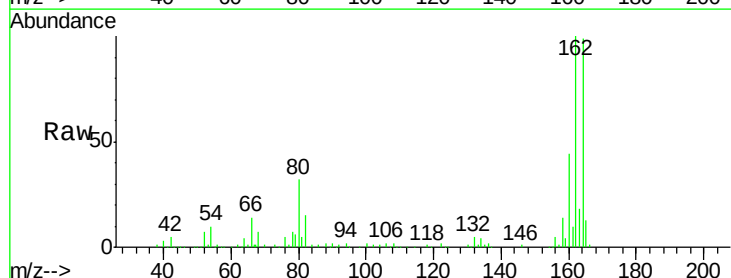
Instrument :
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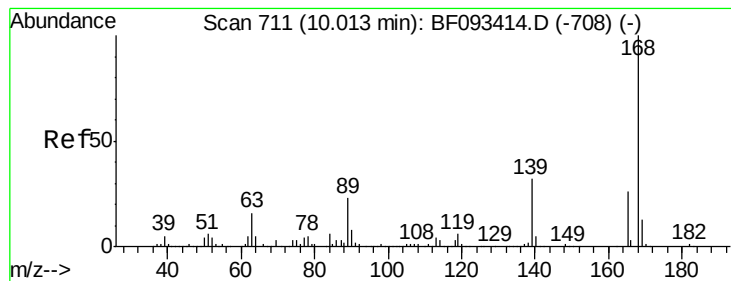
Tgt Ion:172 Resp: 1787244
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.5 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 8.82 ng
 RT: 9.75 min Scan# 688
 Delta R.T. 0.18 min
 Lab File: BF093619.D
 Acq: 13 Mar 2017 20:39

Tgt Ion:165 Resp: 37728
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.2 54.4#
 89 2.0 40.2 60.4#

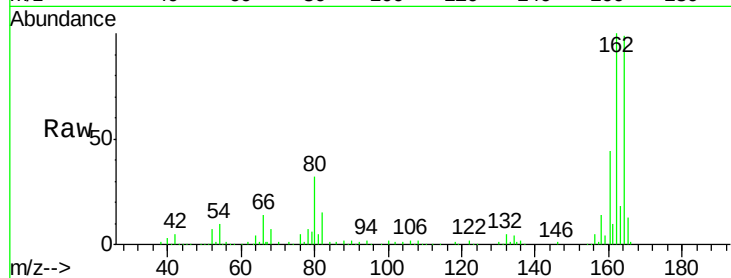




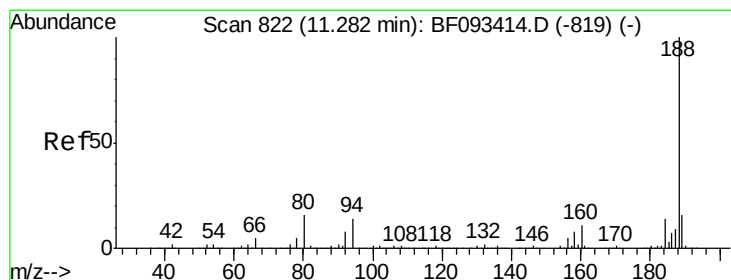
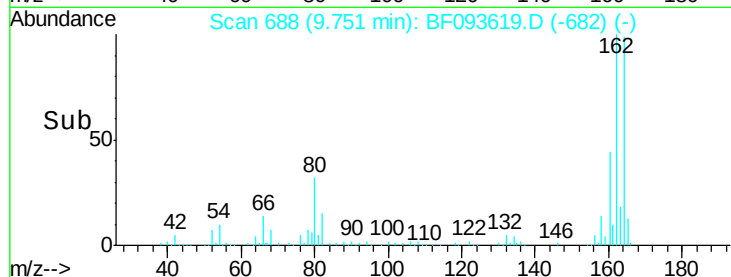
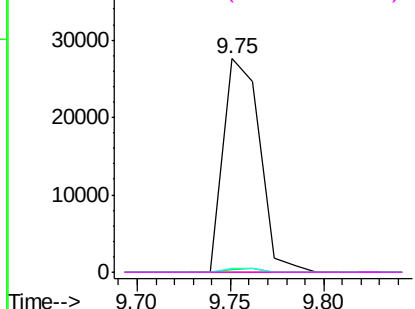
#56
 2,4-Dinitrotoluene
 Concen: 7.17 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.23 min
 Lab File: BF093619.D
 Acq: 13 Mar 2017 20:39

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1-CHAR

Tgt Ion:165 Resp: 37722
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 2.0 62.5 93.7#
 182 0.0 1.8 2.8#

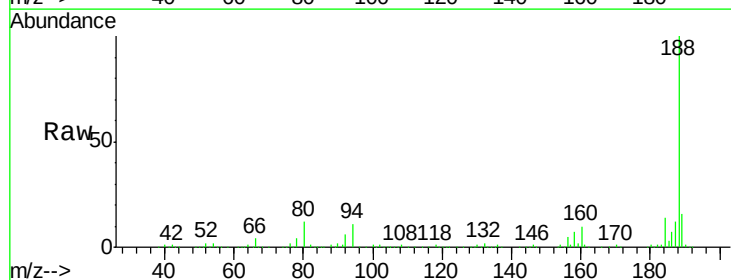


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

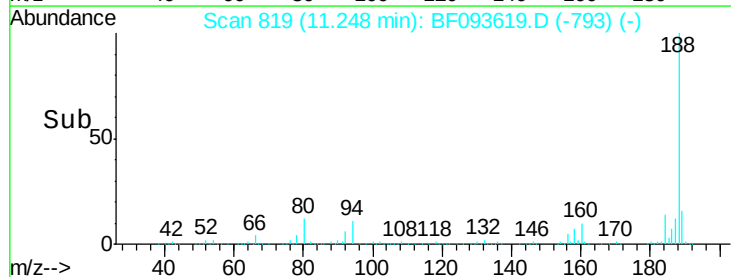
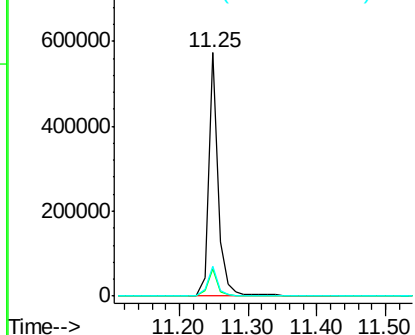


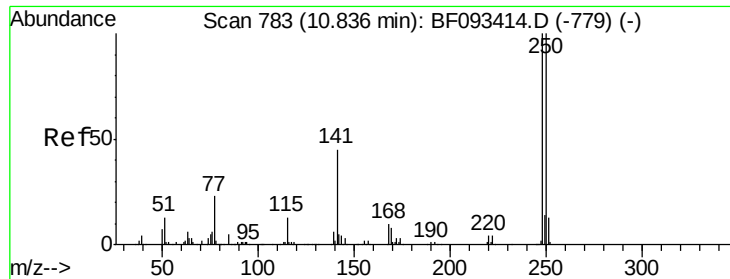
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF093619.D
 Acq: 13 Mar 2017 20:39

Tgt Ion:188 Resp: 555062
 Ion Ratio Lower Upper
 188 100
 94 11.3 10.0 15.0
 80 12.1 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

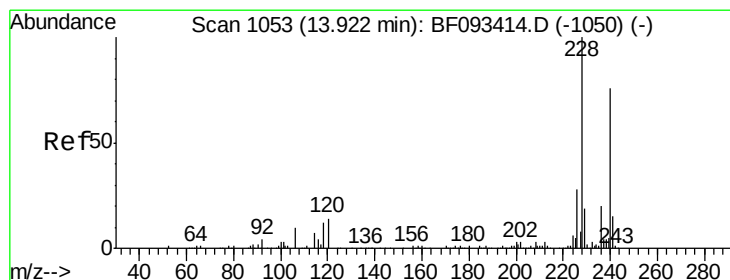
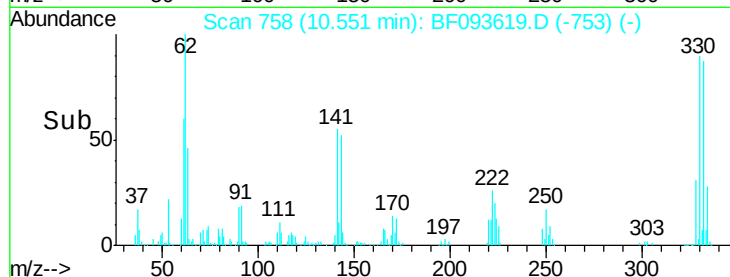
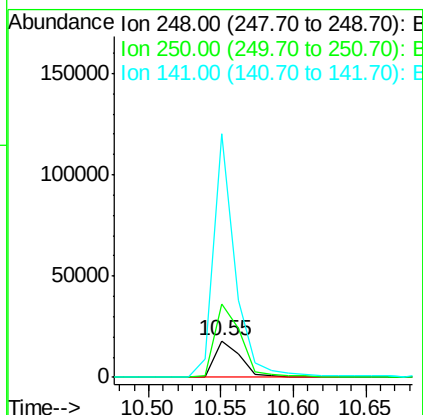
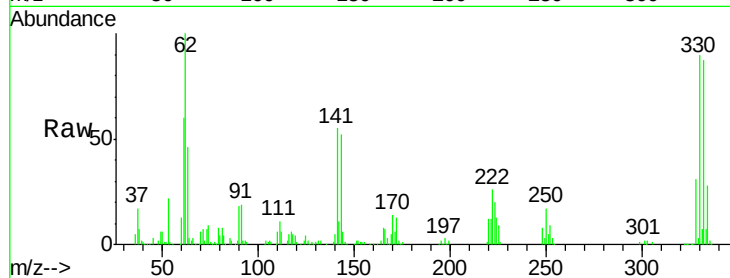




#66
4-Bromophenyl-phenylether
Concen: 3.77 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093619.D
Acq: 13 Mar 2017 20:39

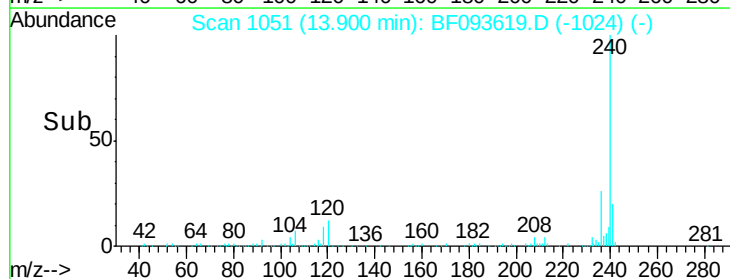
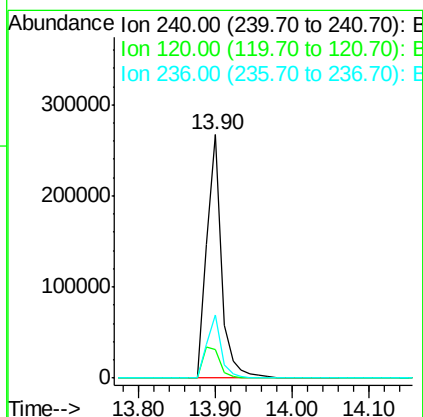
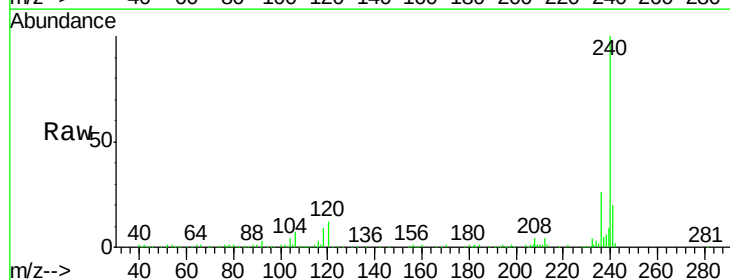
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1-CHAR

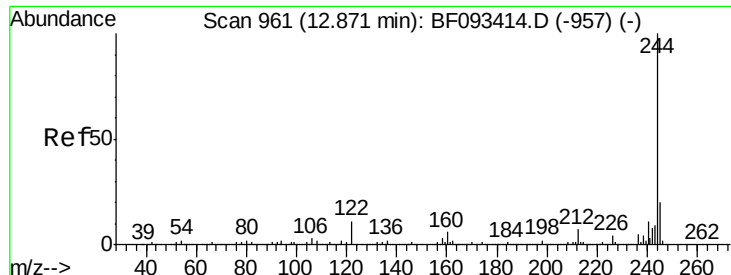
Tgt Ion:248 Resp: 22147
Ion Ratio Lower Upper
248 100
250 200.0 76.9 115.3#
141 663.5 68.2 102.4#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093619.D
Acq: 13 Mar 2017 20:39

Tgt Ion:240 Resp: 350795
Ion Ratio Lower Upper
240 100
120 11.6 12.9 19.3#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 106.06 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093619.D

Acq: 13 Mar 2017 20:39

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1-CHAR

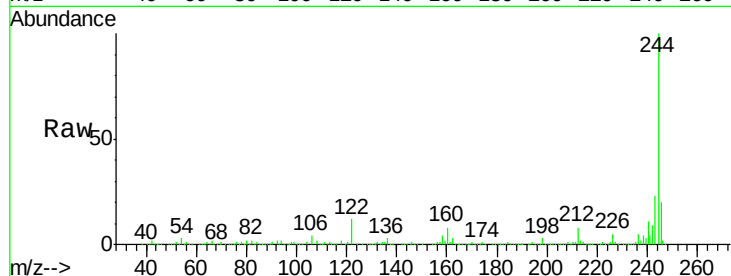
Tgt Ion:244 Resp: 1431031

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

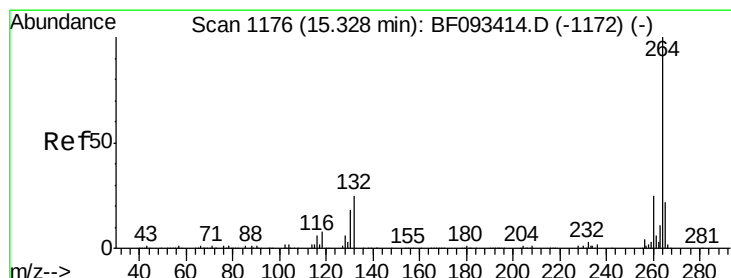
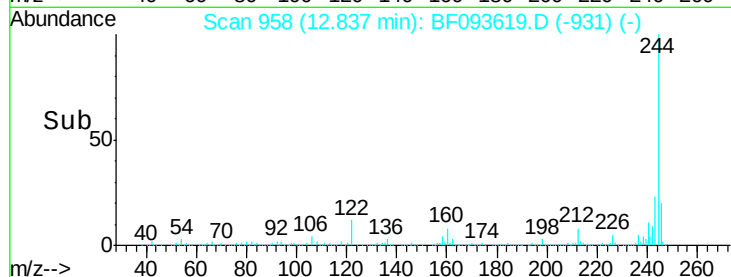
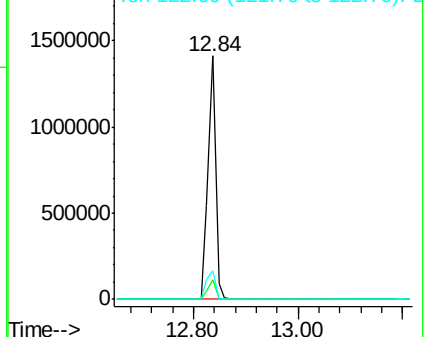
122 11.8 11.4 17.2



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: BF093619.D

Acq: 13 Mar 2017 20:39

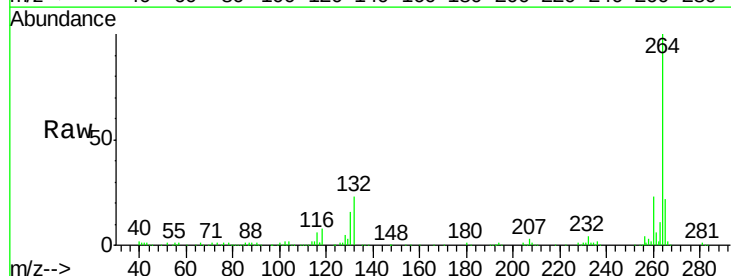
Tgt Ion:264 Resp: 257209

Ion Ratio Lower Upper

264 100

260 23.2 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

