

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090815\
 Data File : BF081544.D
 Acq On : 9 Sep 2015 4:10
 Operator : UM/IZ
 Sample : G3591-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-3B

Quant Time: Sep 09 04:36:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 03:32:15 2015
 Response via : Initial Calibration

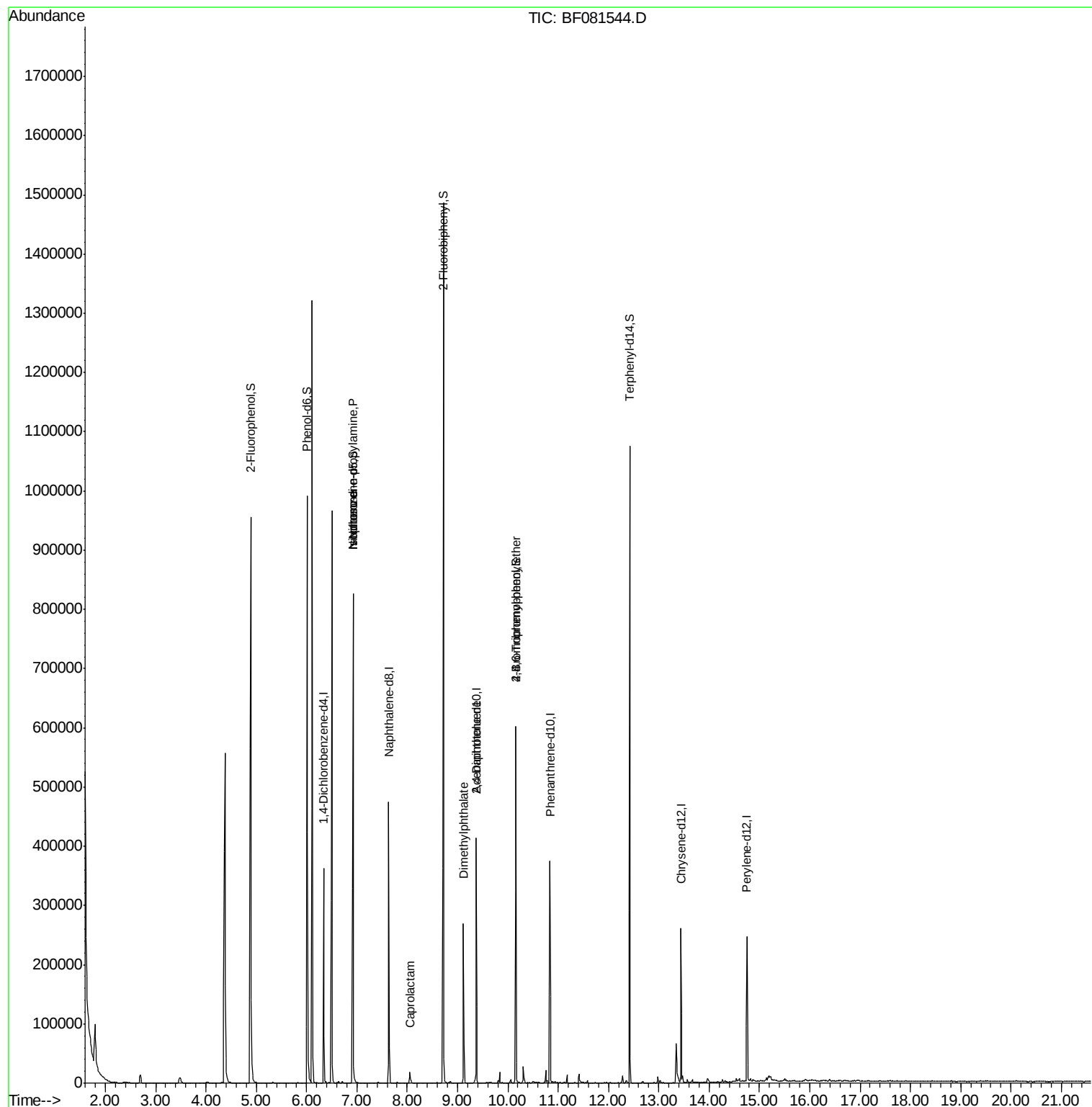
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	48109	20.00	ng	-0.01
21) Naphthalene-d8	7.63	136	187644	20.00	ng	-0.01
38) Acenaphthene-d10	9.37	164	81686	20.00	ng	-0.01
63) Phenanthrene-d10	10.83	188	150569	20.00	ng	-0.01
75) Chrysene-d12	13.44	240	101353	20.00	ng	-0.01
86) Perylene-d12	14.75	264	99763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	295315	95.24	ng	0.01
7) Phenol-d6	6.01	99	358307	87.30	ng	-0.01
23) Nitrobenzene-d5	6.92	82	274607	70.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.16	330	71049	97.68	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	439033	68.88	ng	0.00
78) Terphenyl-d14	12.42	244	321903	73.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.92	70	37449	13.41	ng	# 63
25) Isophorone	6.92	82	202094	27.94	ng	# 58
35) Caprolactam	8.06	113	1663	2.06	ng	# 38
49) Dimethylphthalate	9.12	163	100538	15.84	ng	# 97
56) 2,4-Dinitrotoluene	9.37	165	10519	5.74	ng	# 31
66) 4-Bromophenyl-phenylether	10.16	248	5508	3.62	ng	# 1

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

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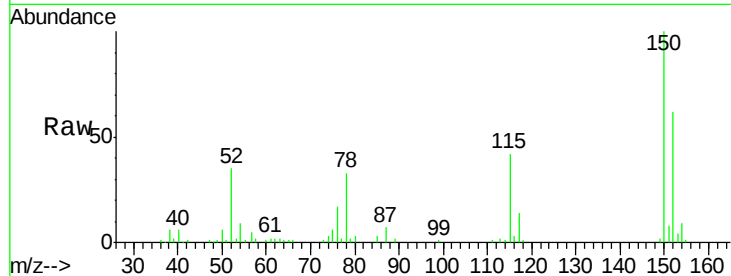


#1

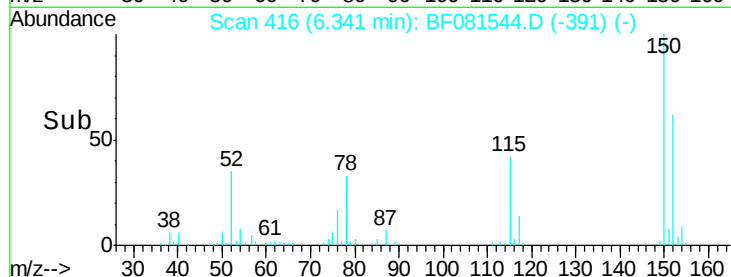
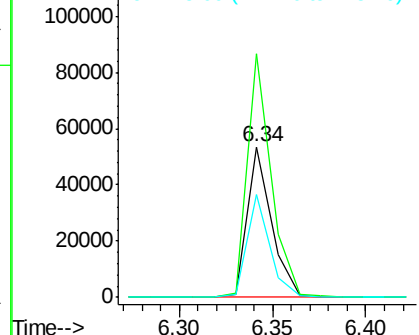
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.34 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-3B

Tot Ion	152	Resp	48109
Ion Ratio	Lower	Upper	
152	100		
150	161.9	124.7	187.1
115	68.6	39.0	58.4



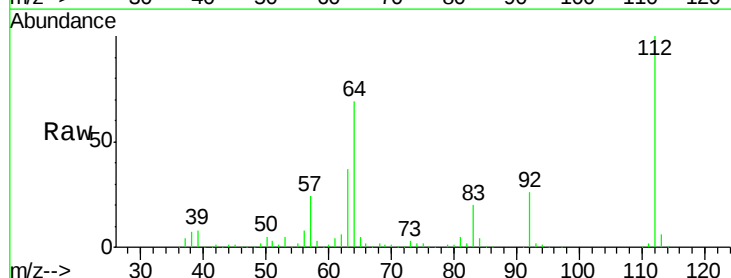
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



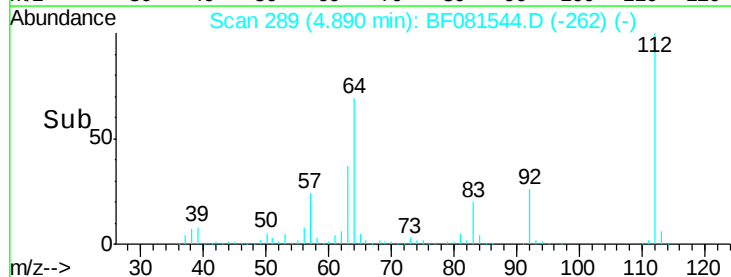
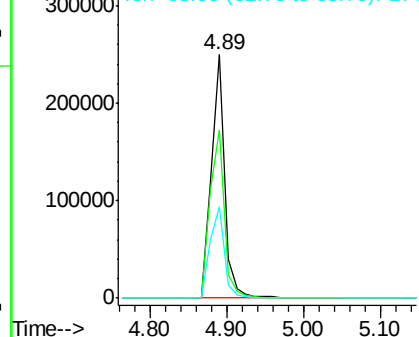
#5

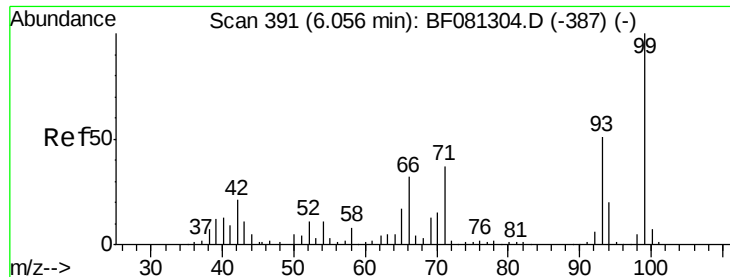
2-Fluorophenol
 Concen: 95.24 ng
 RT: 4.89 min Scan# 289
 Delta R.T. 0.01 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Tgt Ion	112	Resp	295315
Ion Ratio	Lower	Upper	
112	100		
64	69.0	39.7	59.5
63	37.2	17.4	26.0



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: 87.30 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3B

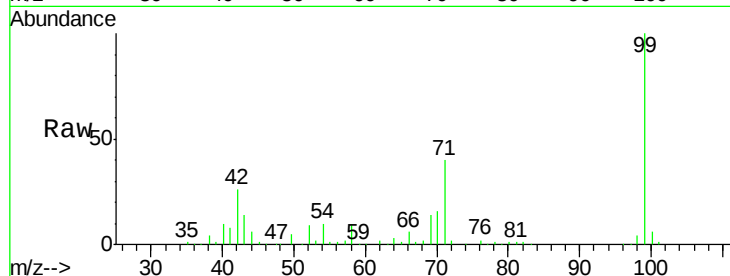
Tot Ion: 99 Resp: 358307

Ion Ratio Lower Upper

99 100

42 26.4 13.7 20.5#

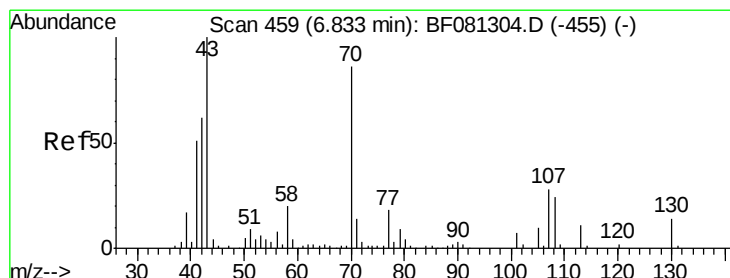
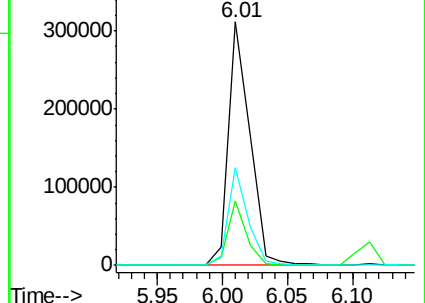
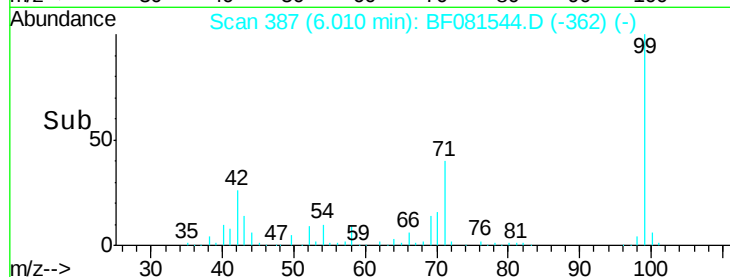
71 40.0 14.2 21.2#



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: 13.41 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Tgt Ion: 70 Resp: 37449

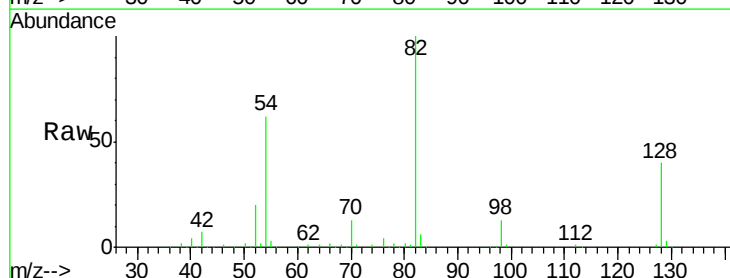
Ion Ratio Lower Upper

70 100

42 53.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

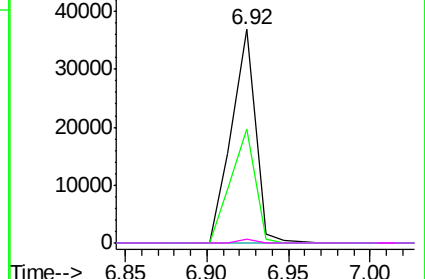
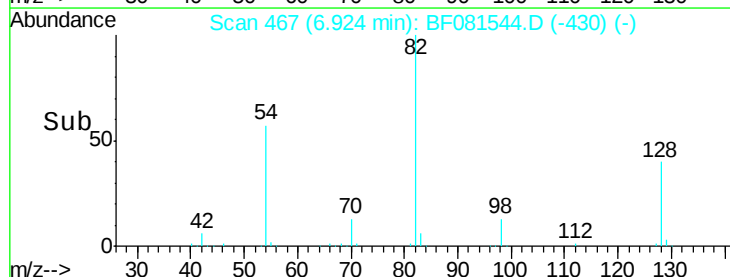


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.63 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3B

Tot Ion:136 Resp: 187644

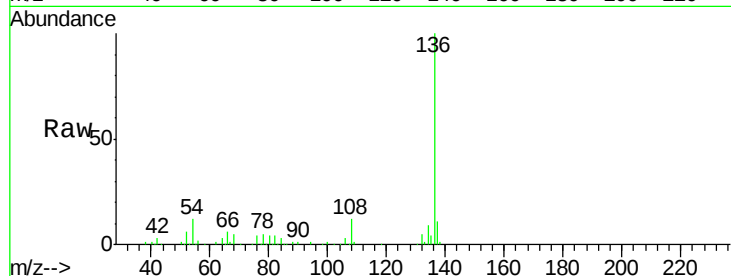
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 12.0 8.2 12.2

68 5.1 5.8 8.6#

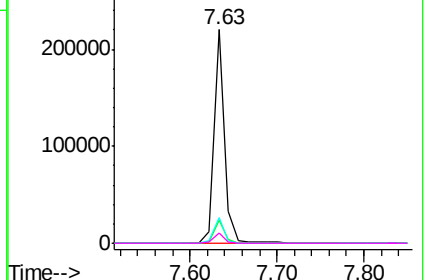
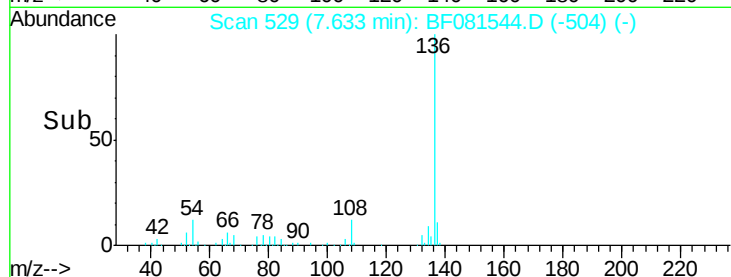


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 70.61 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

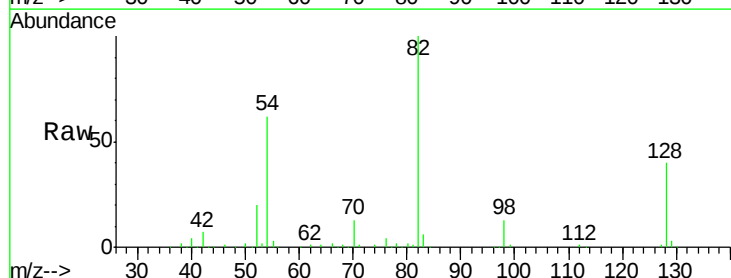
Tgt Ion: 82 Resp: 274607

Ion Ratio Lower Upper

82 100

128 40.2 51.0 76.6#

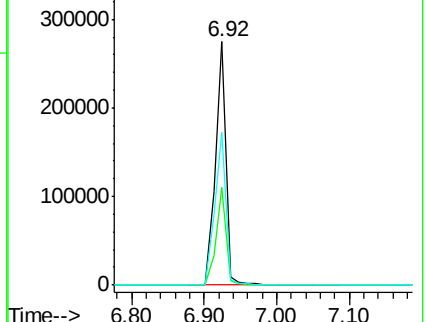
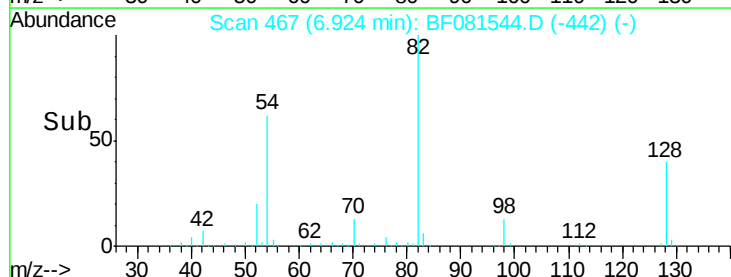
54 62.5 47.5 71.3

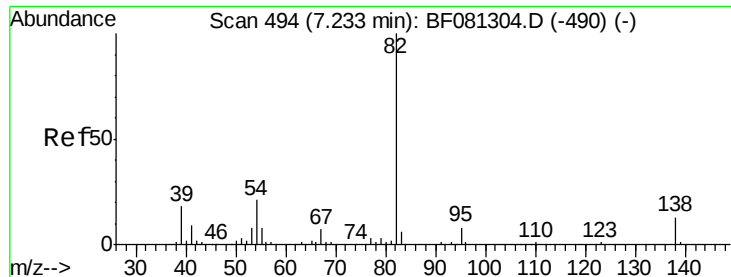


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.94 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.27 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-3B

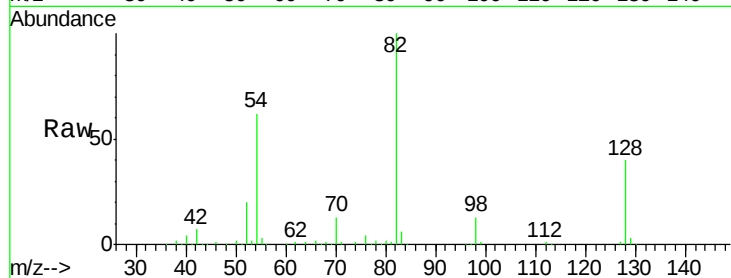
Tot Ion: 82 Resp: 202094

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

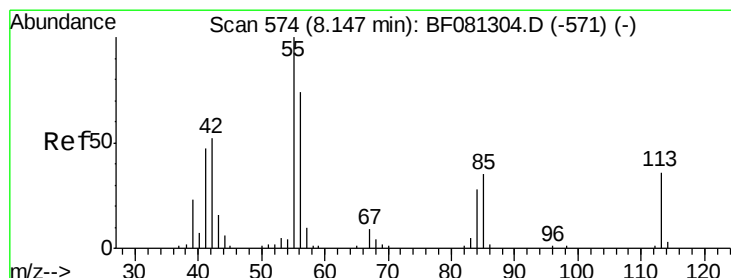
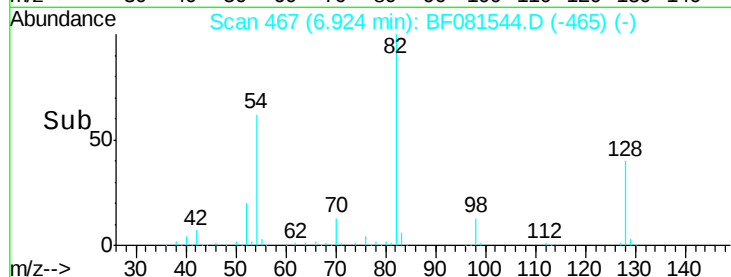
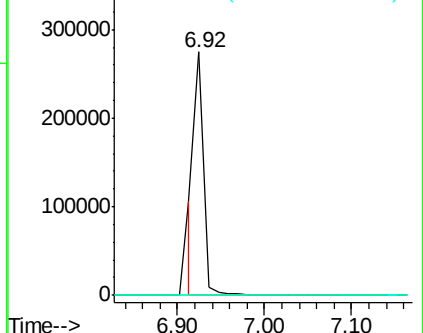
138 0.0 18.3 27.5#



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



#35

Caprolactam

Concen: 2.06 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.06 min

Lab File: BF081544.D

Acq: 9 Sep 2015 4:10

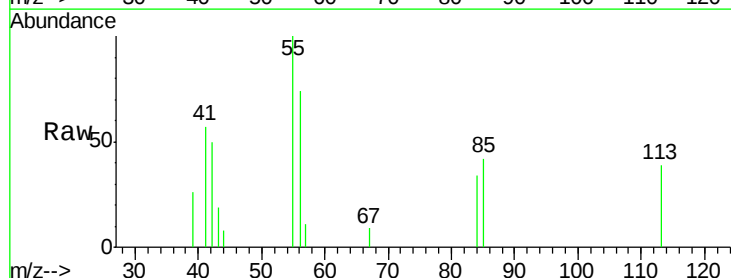
Tgt Ion: 113 Resp: 1663

Ion Ratio Lower Upper

113 100

55 259.1 152.4 192.4#

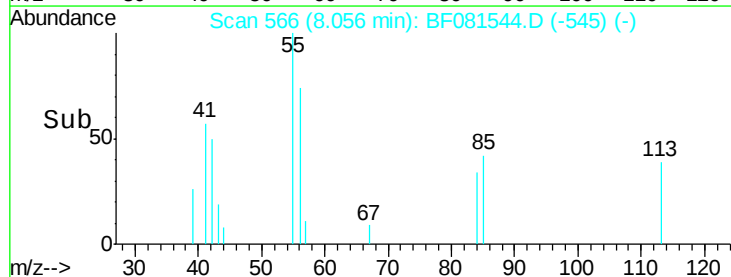
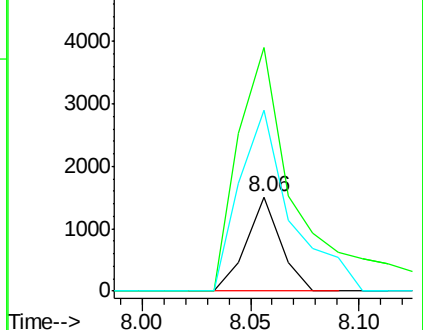
56 192.9 104.6 144.6#

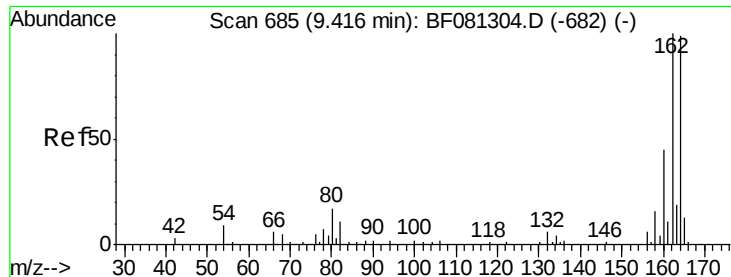


Abundance Ion 113.00 (112.70 to 113.70): BF0

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

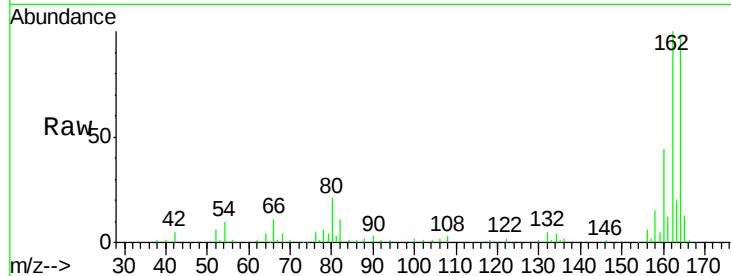




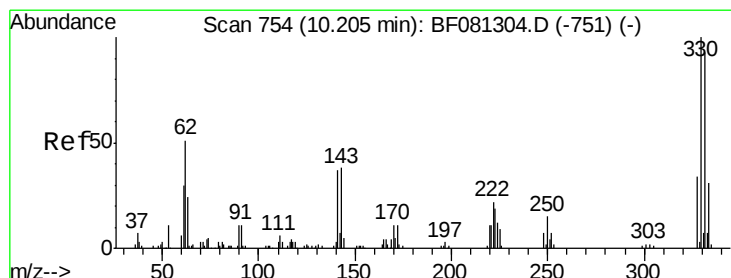
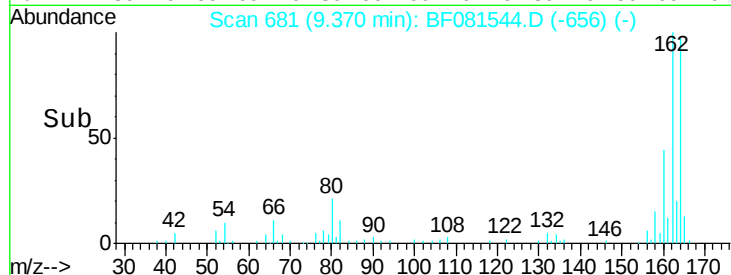
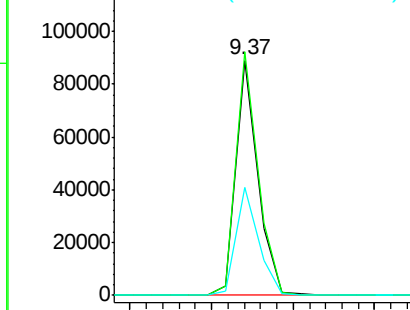
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-3B

Tot Ion:164 Resp: 81686
 Ion Ratio Lower Upper
 164 100
 162 103.5 75.2 112.8
 160 45.7 31.5 47.3

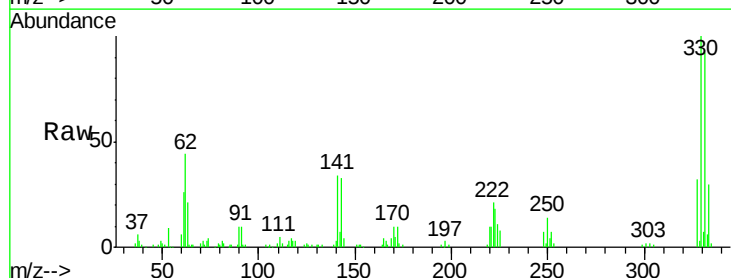


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

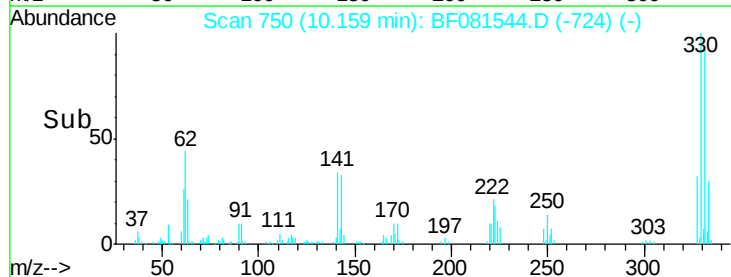
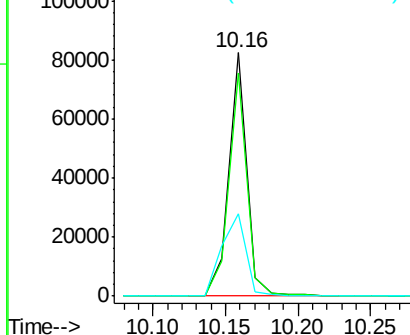


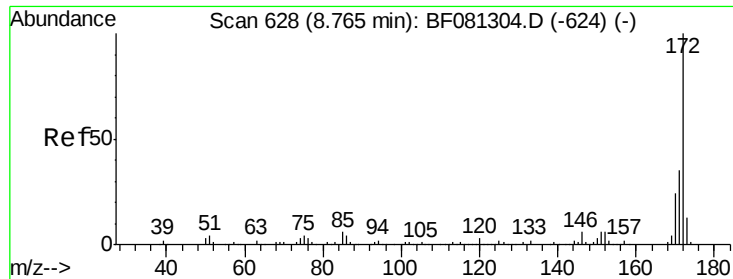
#41
 2,4,6-Tribromophenol
 Concen: 97.68 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Tgt Ion:330 Resp: 71049
 Ion Ratio Lower Upper
 330 100
 332 92.4 76.6 114.8
 141 45.1 29.7 44.5#



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

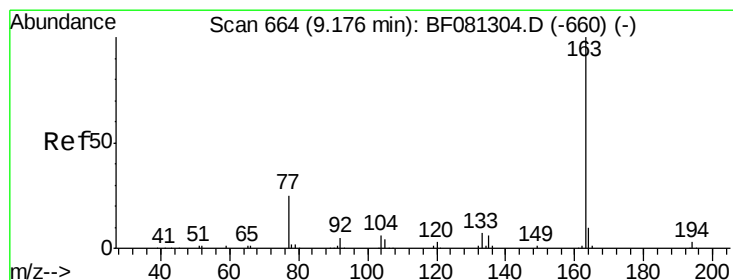
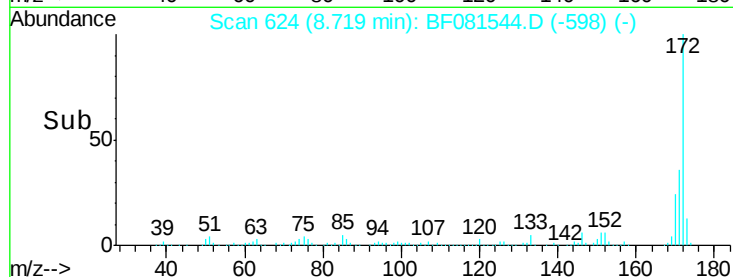
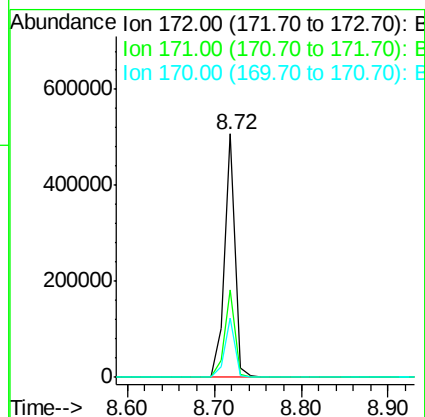
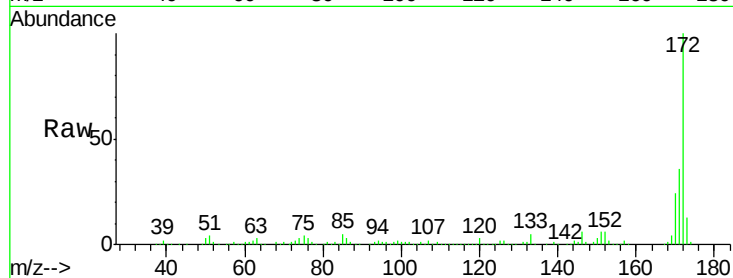




#44
2-Fluorobiphenyl
Concen: 68.88 ng
RT: 8.72 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF081544.D
Acq: 9 Sep 2015 4:10

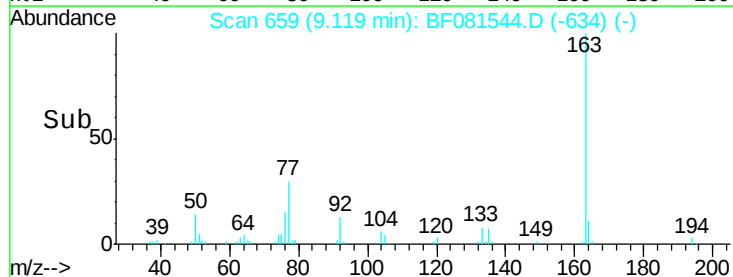
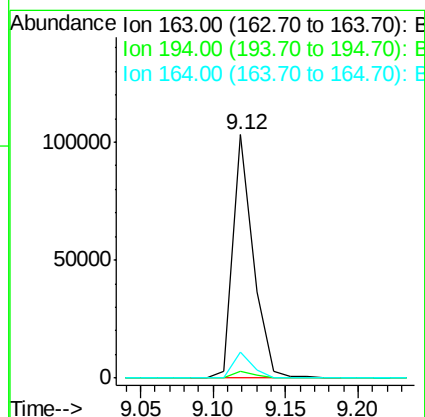
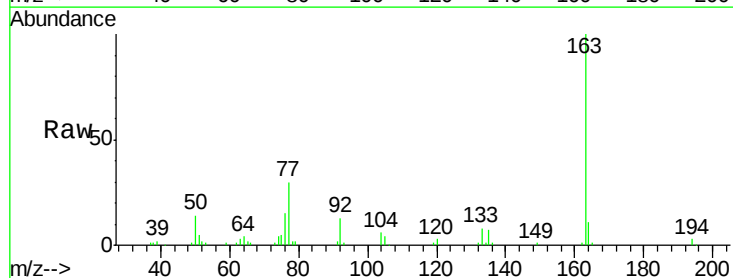
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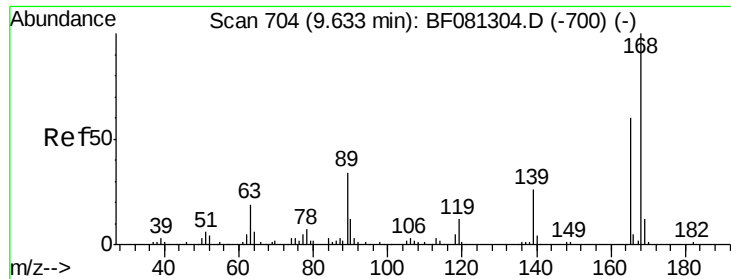
Tot Ion:172 Resp: 439033
Ion Ratio Lower Upper
172 100
171 35.9 26.1 39.1
170 24.3 17.4 26.2



#49
Dimethylphthalate
Concen: 15.84 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF081544.D
Acq: 9 Sep 2015 4:10

Tgt Ion:163 Resp: 100538
Ion Ratio Lower Upper
163 100
194 2.7 4.4 6.6#
164 10.5 8.3 12.5

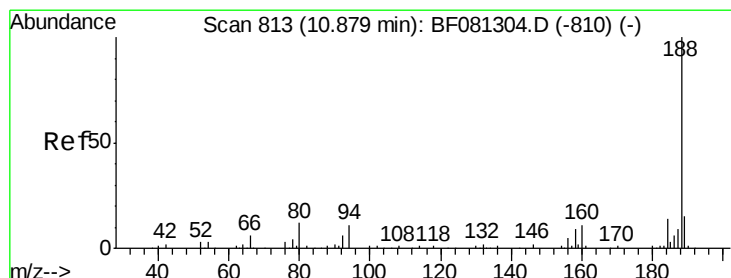
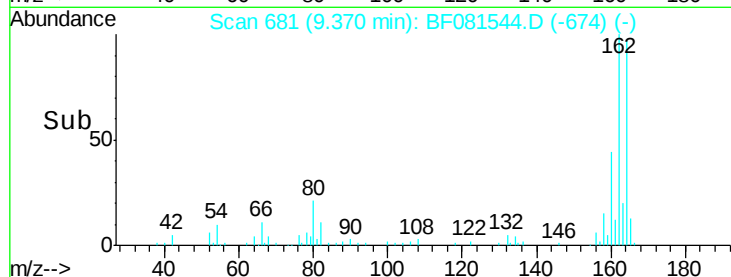
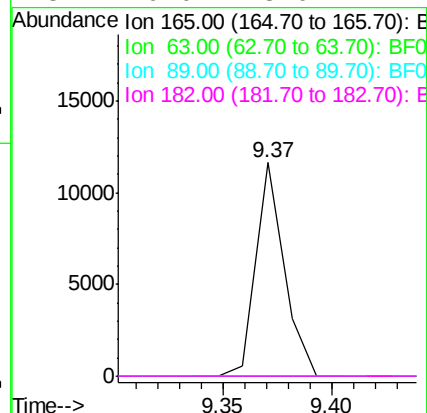
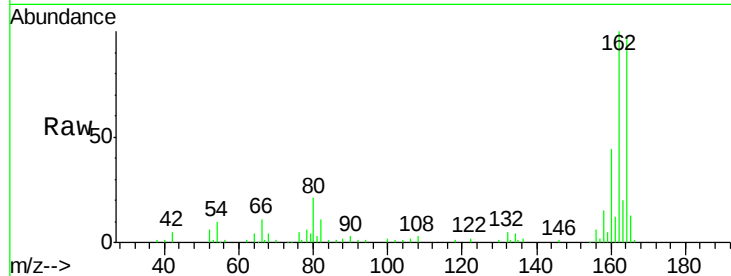




#56
 2,4-Dinitrotoluene
 Concen: 5.74 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

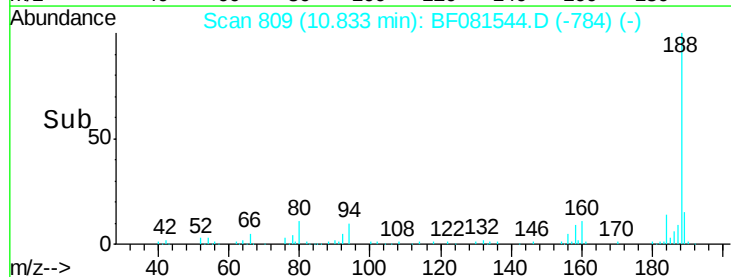
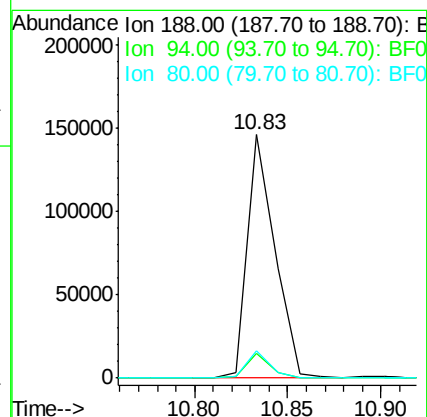
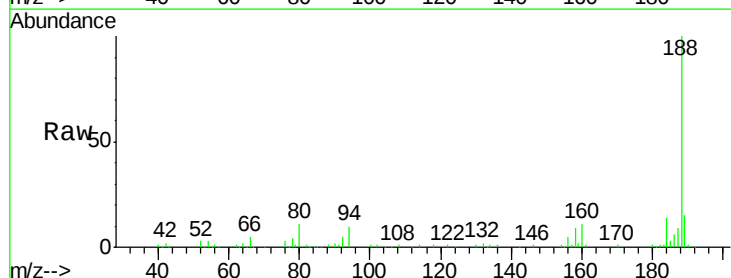
Instrument :
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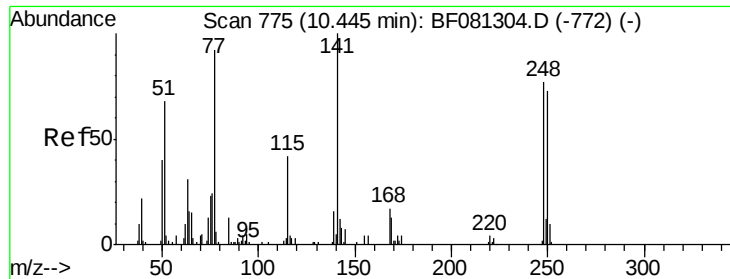
Tot Ion:	165	Resp:	10519
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.83 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Tgt Ion:	188	Resp:	150569
Ion	Ratio	Lower	Upper
188	100		
94	10.2	11.1	16.7#
80	11.2	11.0	16.4

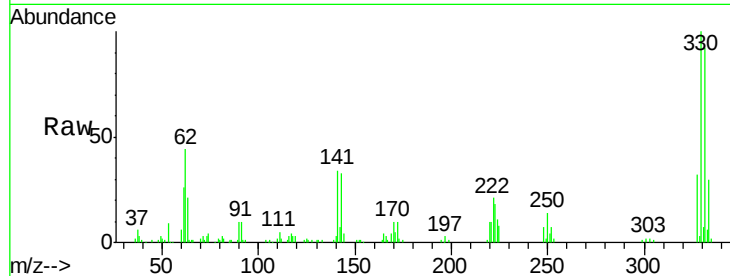




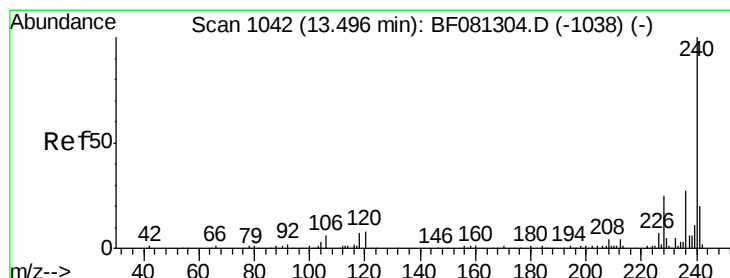
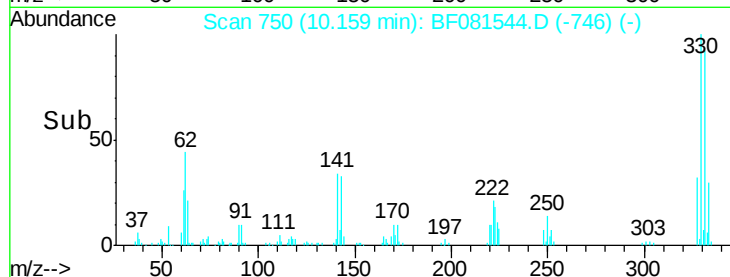
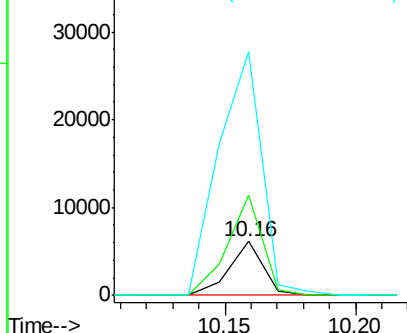
#66
 4-Bromophenyl-phenylether
 Concen: 3.62 ng
 RT: 10.16 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-3B

Tot Ion:248 Resp: 5508
 Ion Ratio Lower Upper
 248 100
 250 185.9 78.5 117.7#
 141 451.9 59.0 88.6#

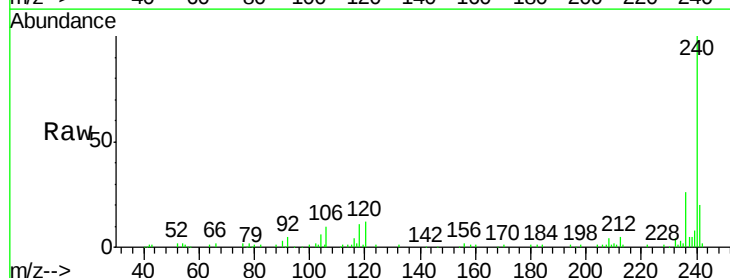


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

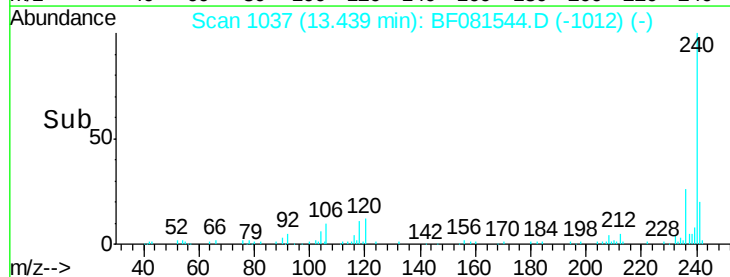
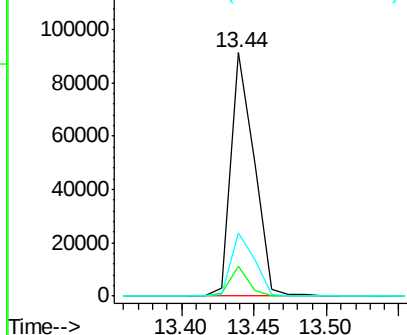


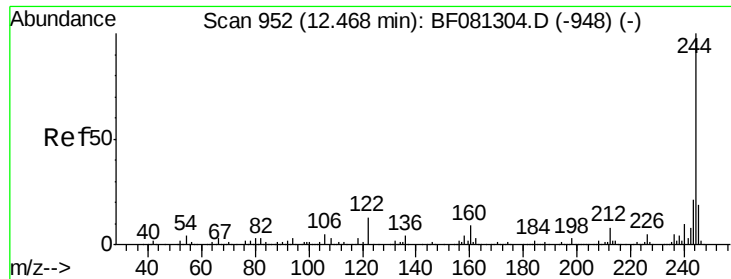
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.44 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Tgt Ion:240 Resp: 101353
 Ion Ratio Lower Upper
 240 100
 120 12.3 16.2 24.2#
 236 25.8 18.4 27.6



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

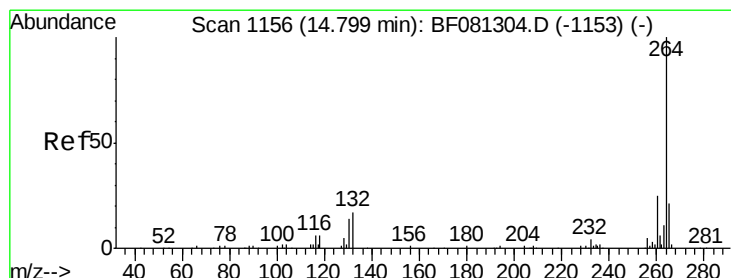
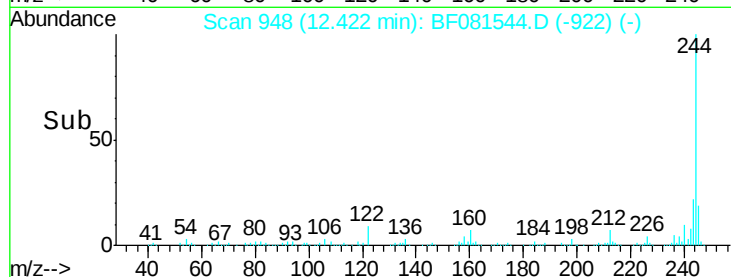
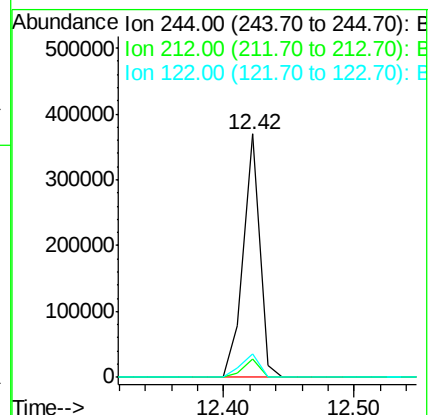
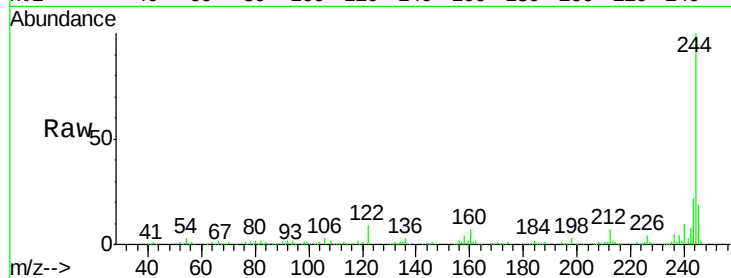




#78
 Terphenyl-d14
 Concen: 73.93 ng
 RT: 12.42 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-3B

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	9.5	17.4	26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF081544.D
 Acq: 9 Sep 2015 4:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	22.1	17.2	25.8

