

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081665.D
 Acq On : 17 Sep 2015 4:14
 Operator : UM/IZ
 Sample : G3624-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-5A

Quant Time: Sep 17 06:40:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

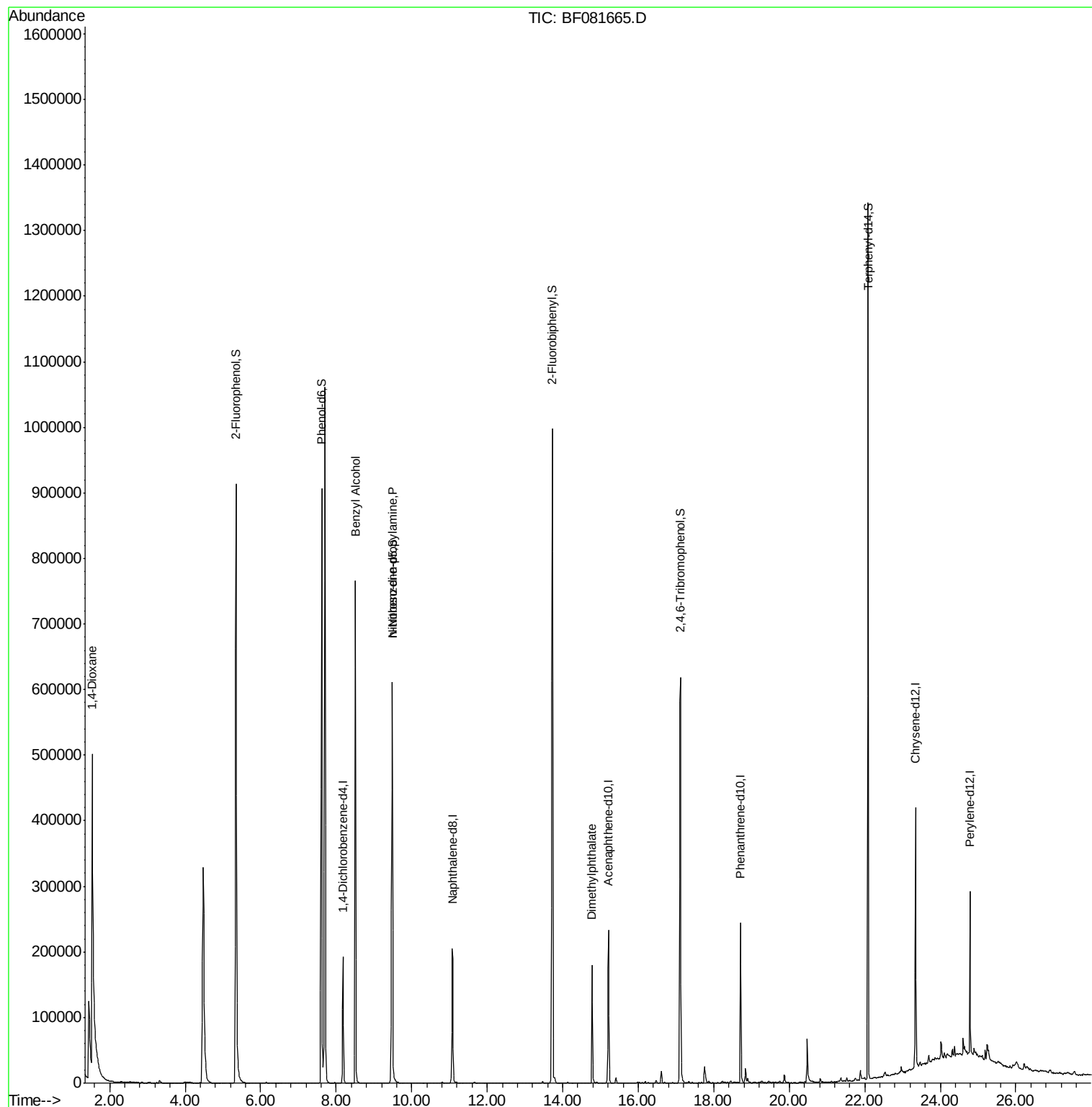
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	44790	20.00	ng	-0.03
21) Naphthalene-d8	11.07	136	180833	20.00	ng	-0.05
38) Acenaphthene-d10	15.21	164	86591	20.00	ng	-0.05
63) Phenanthrene-d10	18.71	188	173242	20.00	ng	-0.05
75) Chrysene-d12	23.35	240	134026	20.00	ng	-0.03
86) Perylene-d12	24.79	264	94003	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	418353	144.92	ng	0.00
7) Phenol-d6	7.61	99	579891	151.75	ng	-0.03
23) Nitrobenzene-d5	9.49	82	387790	103.46	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	122904	159.41	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	655386	96.99	ng	-0.05
78) Terphenyl-d14	22.08	244	596016	103.52	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	29786	22.97	ng	# 11
15) Benzyl Alcohol	8.51	79	6871	2.19	ng	# 31
19) n-Nitroso-di-n-propylamine	9.49	70	50519	19.42	ng	# 66
49) Dimethylphthalate	14.78	163	132003	19.62	ng	# 97

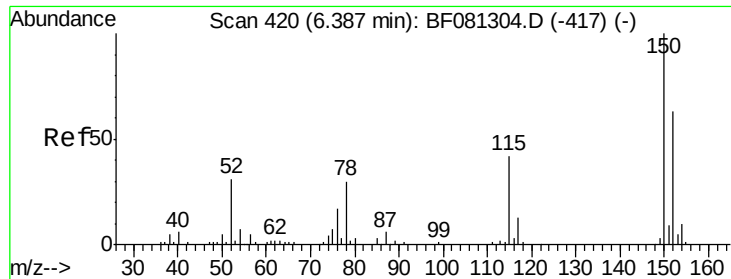
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF081665.D

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Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-5A

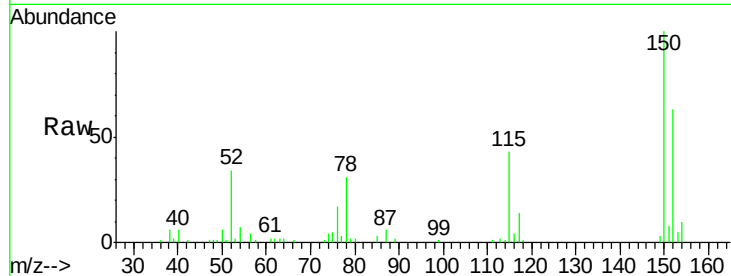
Tgt Ion:152 Resp: 44790

Ion Ratio Lower Upper

152 100

150 157.9 124.7 187.1

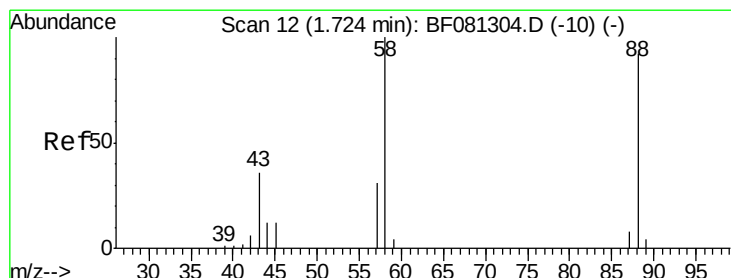
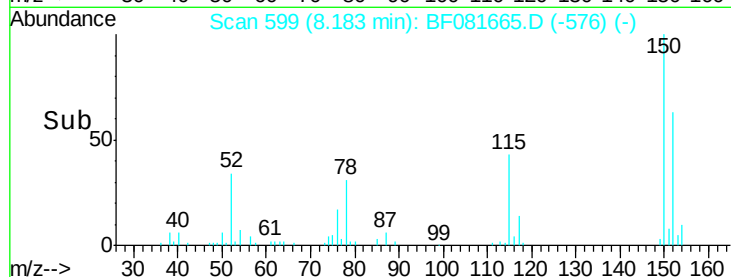
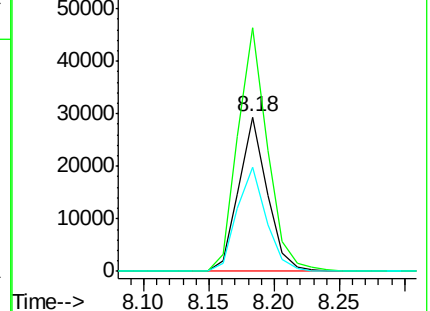
115 67.5 39.0 58.4#



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



#2

1,4-Dioxane

Concen: 22.97 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081665.D

Acq: 17 Sep 2015 4:14

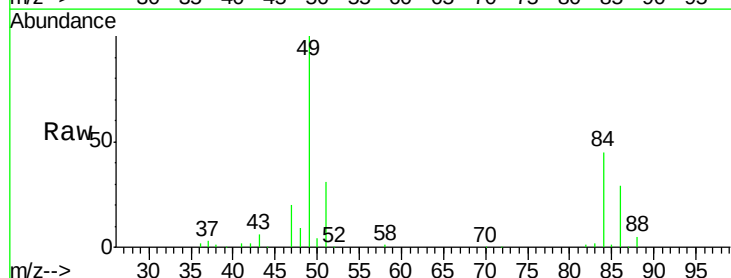
Tgt Ion: 88 Resp: 29786

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

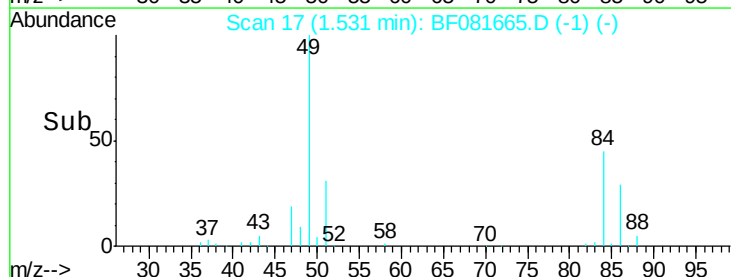
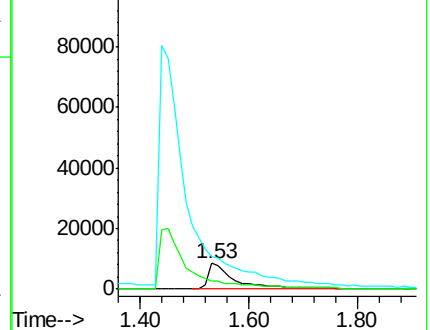
43 0.0 26.6 40.0#

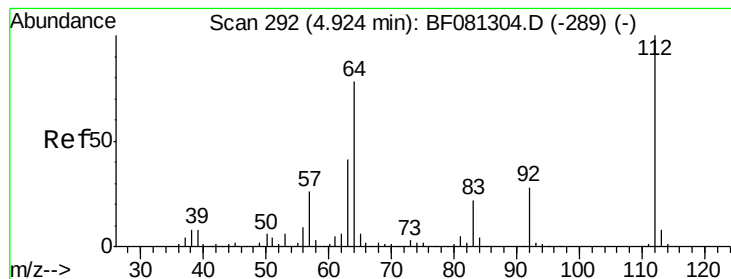


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 144.92 ng

RT: 5.35 min Scan# 351

Delta R.T. 0.00 min

Lab File: BF081665.D

Acq: 17 Sep 2015 4:14

Instrument :

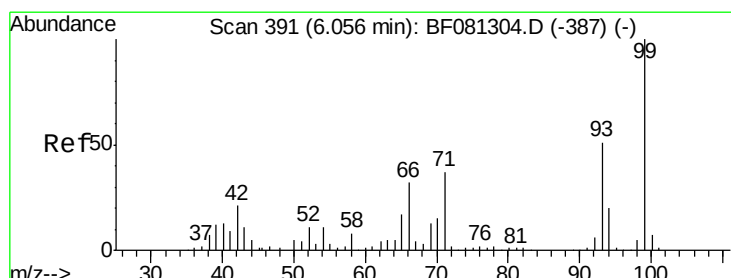
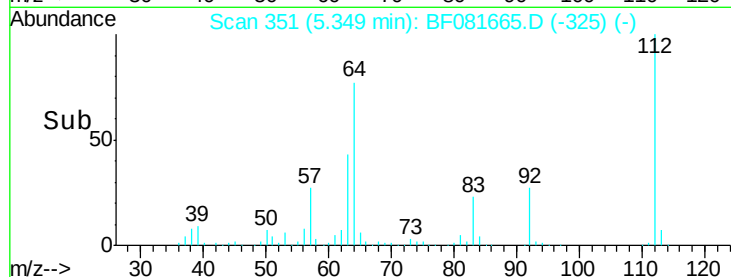
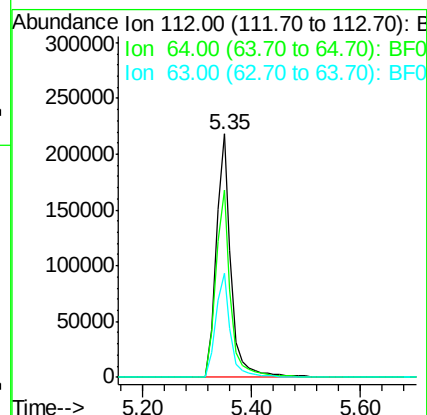
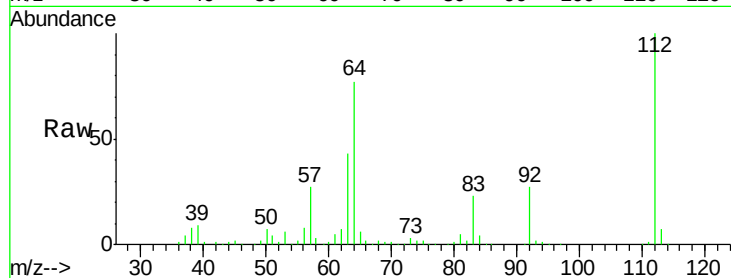
BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-5A

Tgt Ion: 112 Resp: 418353

Ion	Ratio	Lower	Upper
112	100		
64	76.9	39.7	59.5#
63	42.6	17.4	26.0#



#7

Phenol-d6

Concen: 151.75 ng

RT: 7.61 min Scan# 549

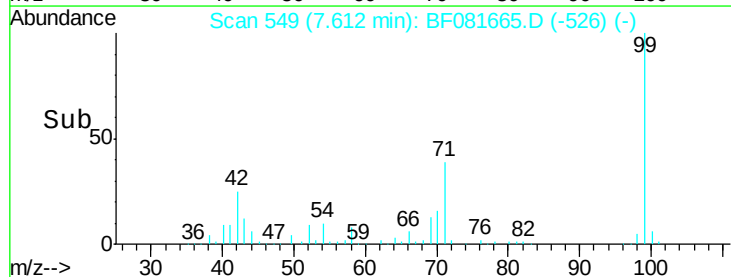
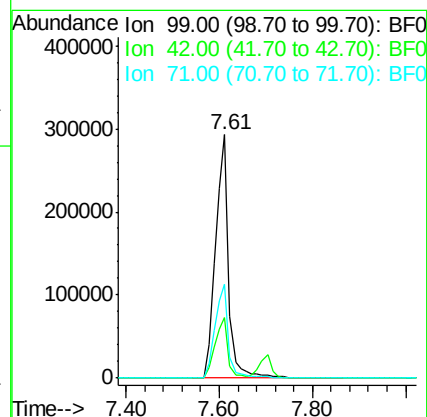
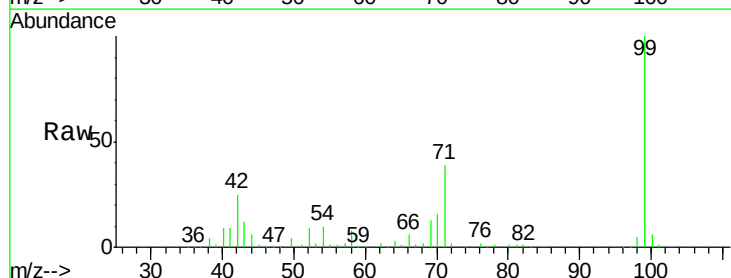
Delta R.T. -0.03 min

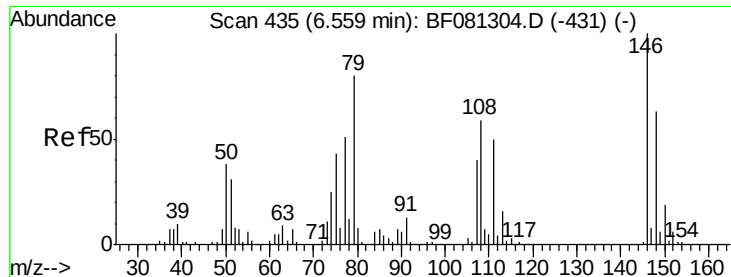
Lab File: BF081665.D

Acq: 17 Sep 2015 4:14

Tgt Ion: 99 Resp: 579891

Ion	Ratio	Lower	Upper
99	100		
42	24.9	13.7	20.5#
71	38.6	14.2	21.2#





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 8.51 min Scan# 628

Delta R.T. -0.15 min

Lab File: BF081665.D

Acq: 17 Sep 2015 4:14

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-5A

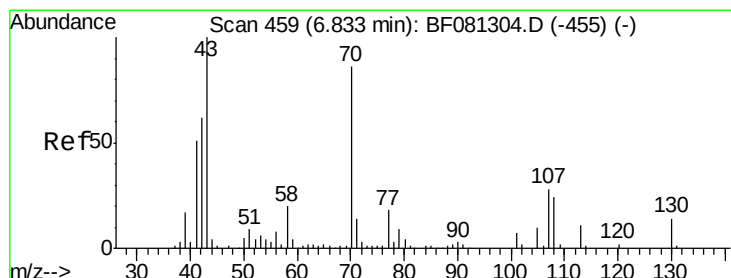
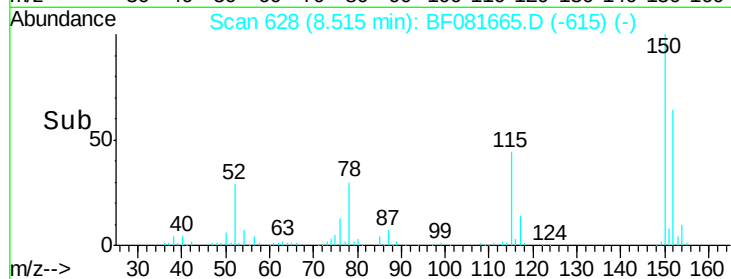
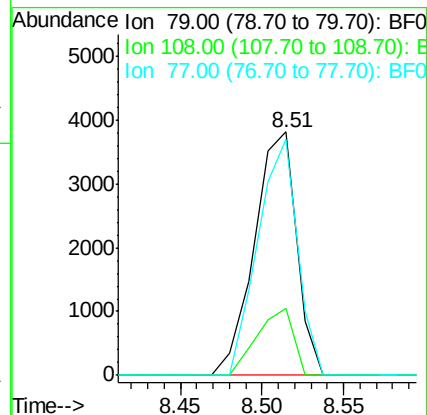
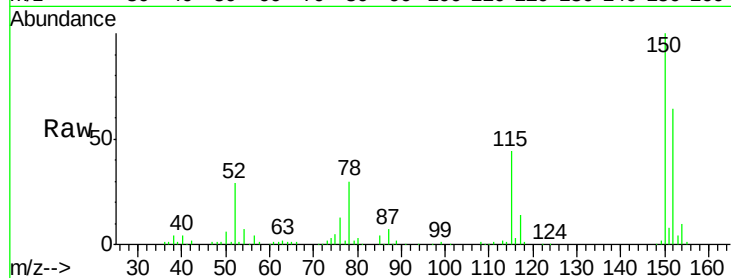
Tgt Ion: 79 Resp: 6871

Ion Ratio Lower Upper

79 100

108 27.8 88.6 132.8#

77 96.8 47.0 70.4#



#19

n-Nitroso-di-n-propylamine

Concen: 19.42 ng

RT: 9.49 min Scan# 713

Delta R.T. 0.19 min

Lab File: BF081665.D

Acq: 17 Sep 2015 4:14

Tgt Ion: 70 Resp: 50519

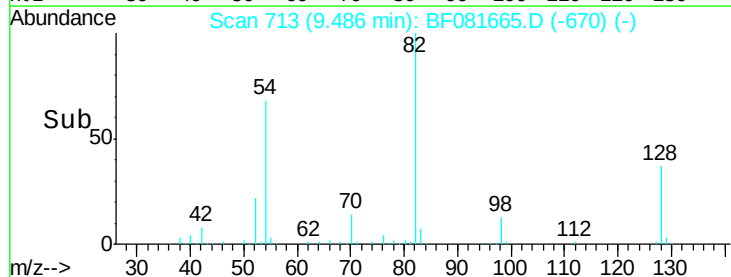
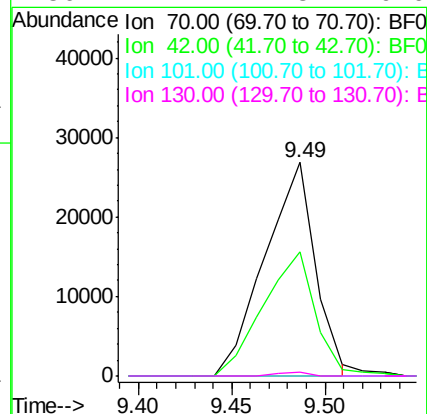
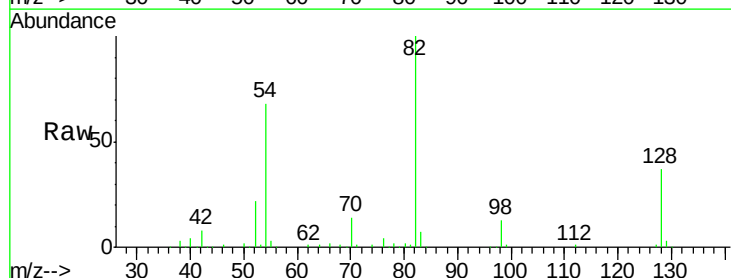
Ion Ratio Lower Upper

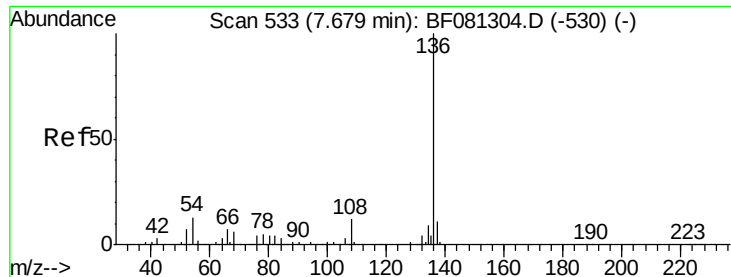
70 100

42 58.1 63.8 95.6#

101 0.0 9.2 13.8#

130 1.7 27.3 40.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.07 min Scan# 852

Delta R.T. -0.05 min

Lab File: BF081665.D

Acq: 17 Sep 2015 4:14

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-5A

Tgt Ion: 136 Resp: 180833

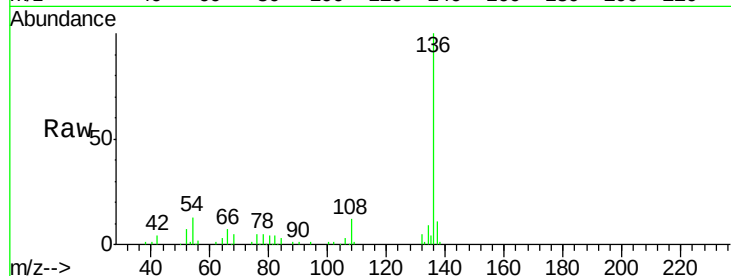
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 13.0 8.2 12.2#

68 5.1 5.8 8.6#

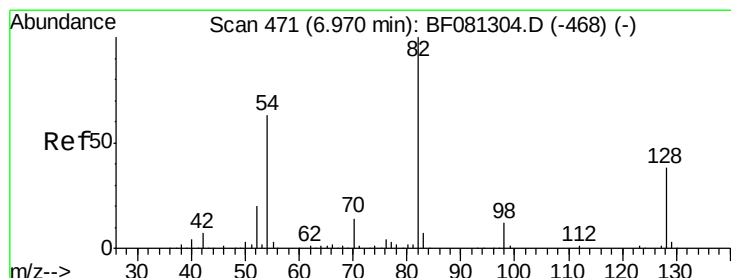
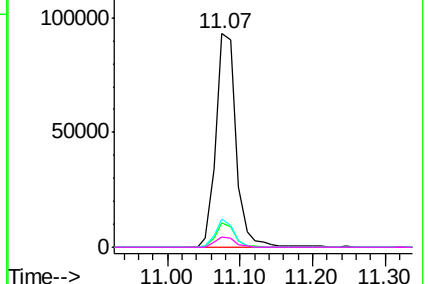
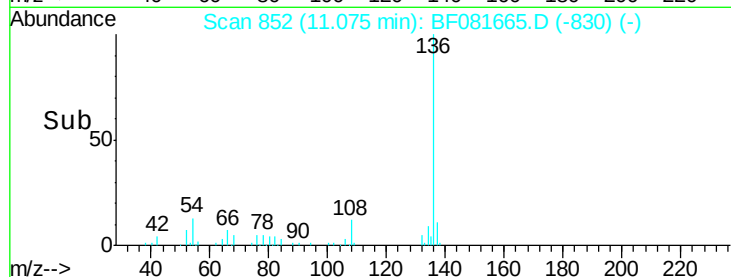


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.46 ng

RT: 9.49 min Scan# 713

Delta R.T. -0.05 min

Lab File: BF081665.D

Acq: 17 Sep 2015 4:14

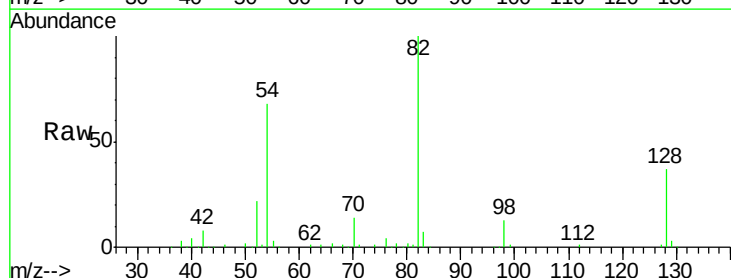
Tgt Ion: 82 Resp: 387790

Ion Ratio Lower Upper

82 100

128 37.1 51.0 76.6#

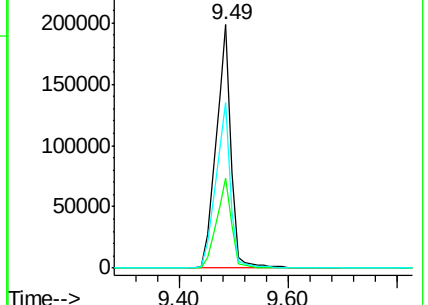
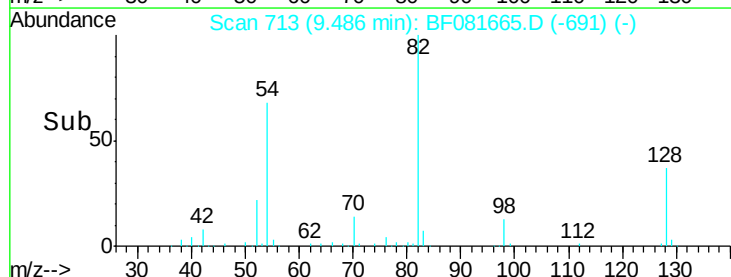
54 68.1 47.5 71.3

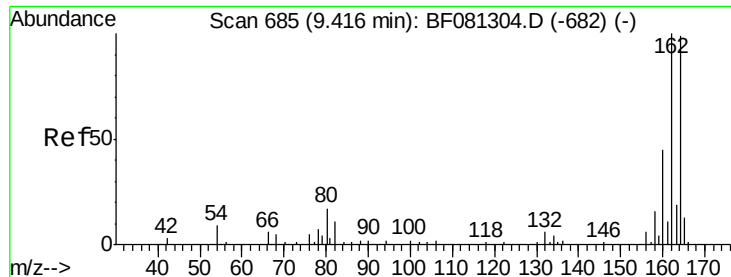


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.21 min Scan# 1214

Delta R.T. -0.05 min

Lab File: BF081665.D

Acq: 17 Sep 2015 4:14

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-5A

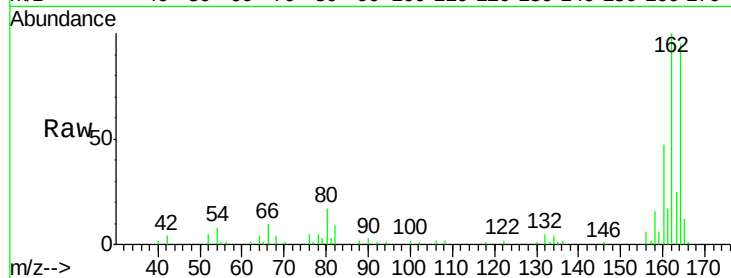
Tgt Ion:164 Resp: 86591

Ion Ratio Lower Upper

164 100

162 105.6 75.2 112.8

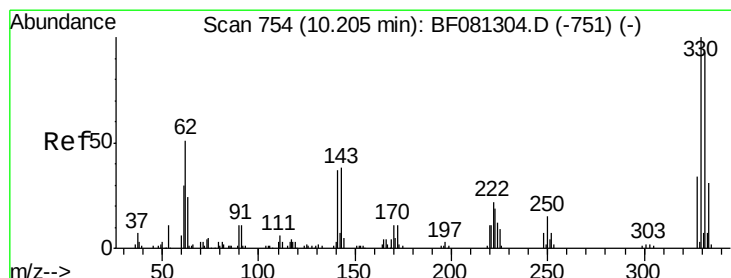
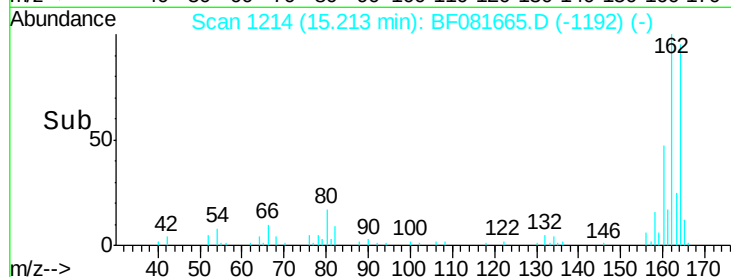
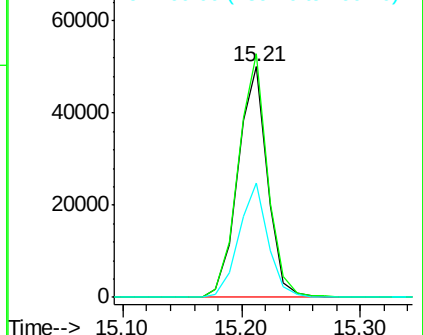
160 49.7 31.5 47.3#



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: 159.41 ng

RT: 17.12 min Scan# 1381

Delta R.T. -0.05 min

Lab File: BF081665.D

Acq: 17 Sep 2015 4:14

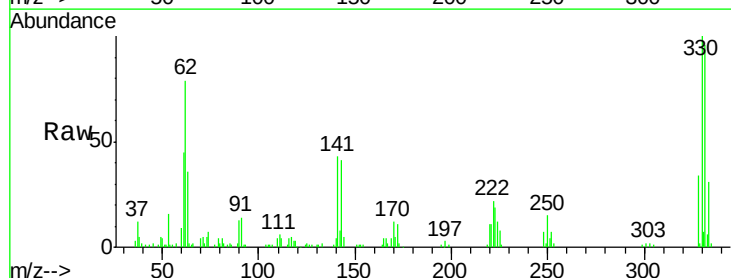
Tgt Ion:330 Resp: 122904

Ion Ratio Lower Upper

330 100

332 95.9 76.6 114.8

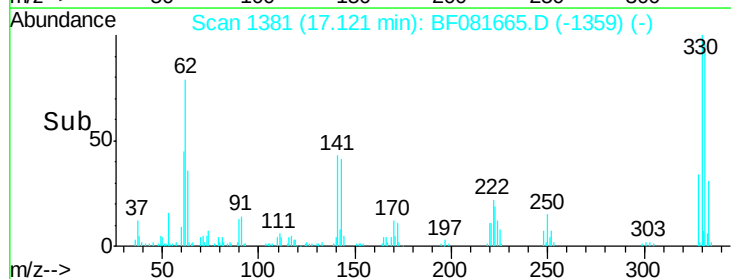
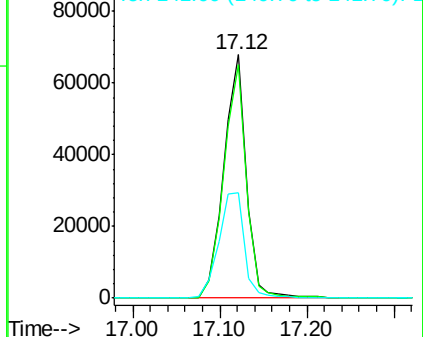
141 49.2 29.7 44.5#

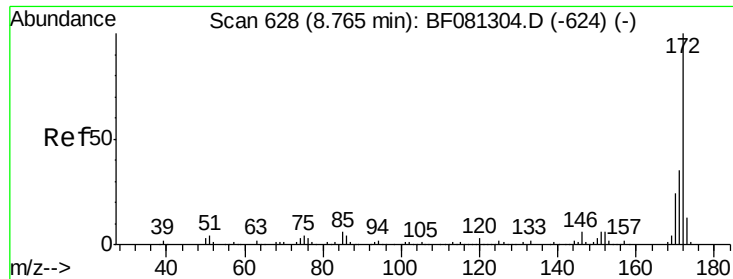


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

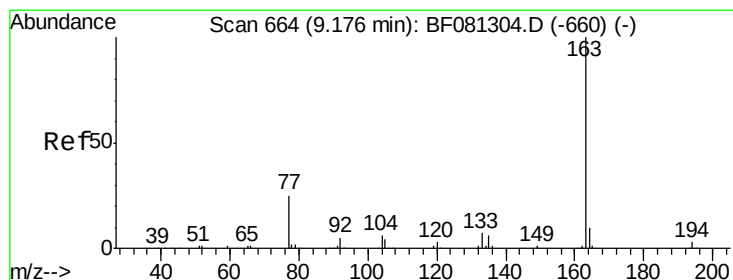
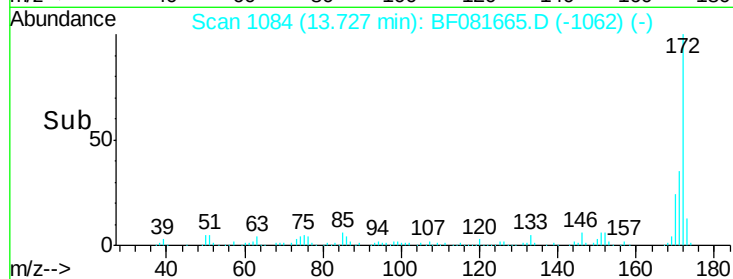
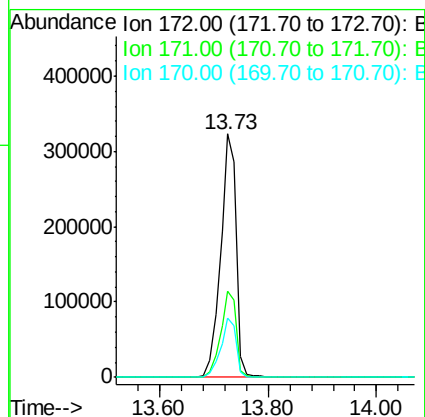
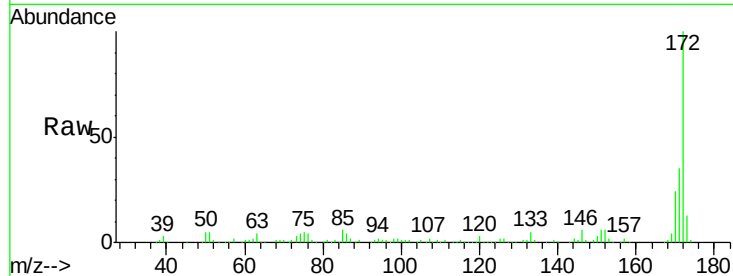




#44
2-Fluorobiphenyl
Concen: 96.99 ng
RT: 13.73 min Scan# 1084
Delta R.T. -0.05 min
Lab File: BF081665.D
Acq: 17 Sep 2015 4:14

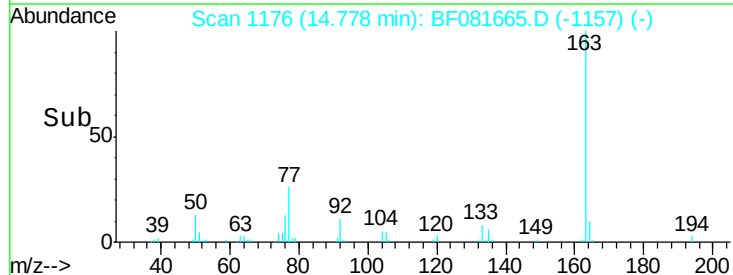
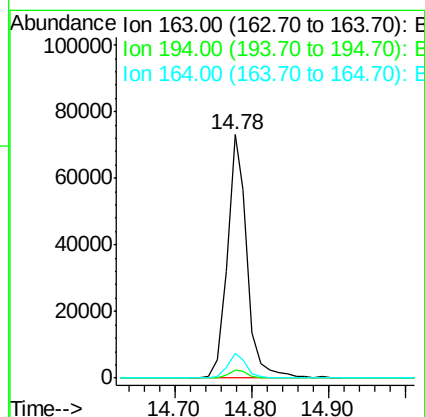
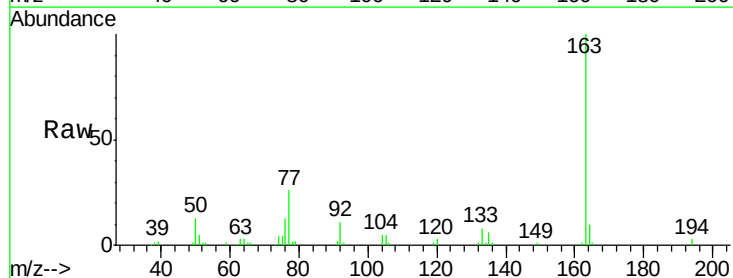
Instrument :
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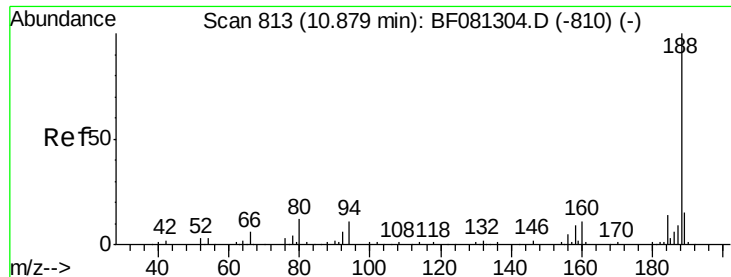
Tgt Ion:172 Resp: 655386
Ion Ratio Lower Upper
172 100
171 35.3 26.1 39.1
170 24.2 17.4 26.2



#49
Dimethylphthalate
Concen: 19.62 ng
RT: 14.78 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF081665.D
Acq: 17 Sep 2015 4:14

Tgt Ion:163 Resp: 132003
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 10.3 8.3 12.5

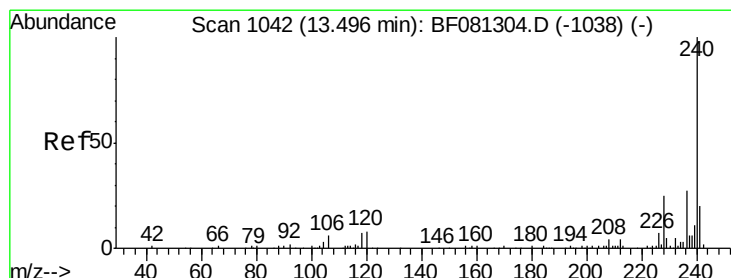
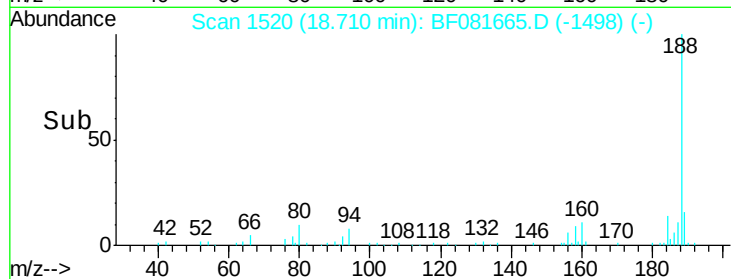
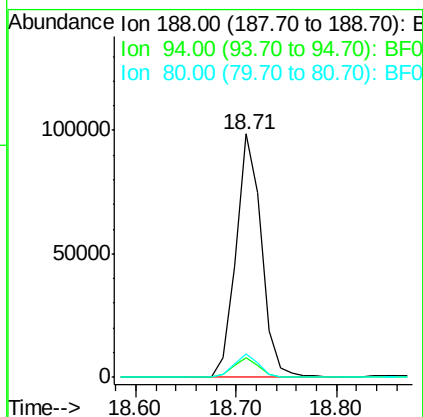
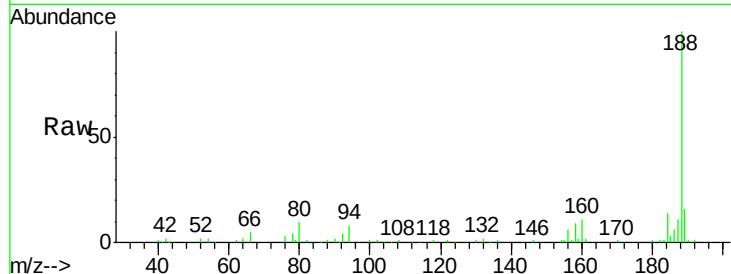




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 18.71 min Scan# 1520
 Delta R.T. -0.05 min
 Lab File: BF081665.D
 Acq: 17 Sep 2015 4:14

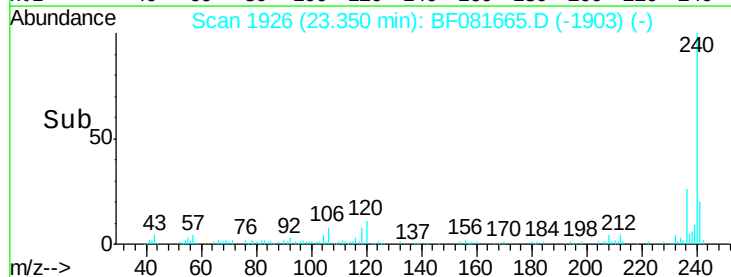
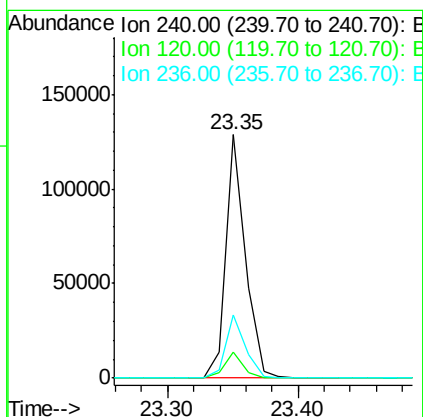
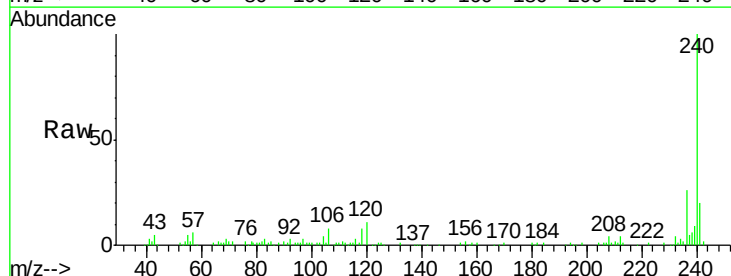
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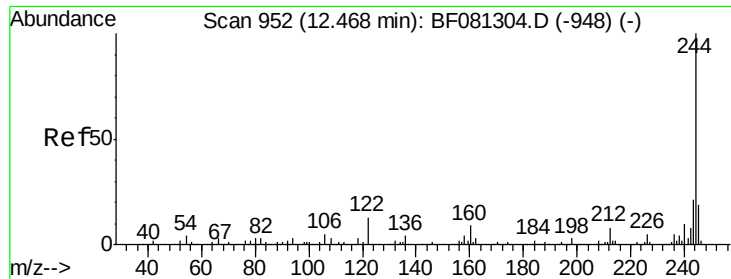
Tgt Ion:188 Resp: 173242
 Ion Ratio Lower Upper
 188 100
 94 8.2 11.1 16.7#
 80 9.5 11.0 16.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.35 min Scan# 1926
 Delta R.T. -0.03 min
 Lab File: BF081665.D
 Acq: 17 Sep 2015 4:14

Tgt Ion:240 Resp: 134026
 Ion Ratio Lower Upper
 240 100
 120 10.7 16.2 24.2#
 236 26.0 18.4 27.6





#78

Terphenyl-d14

Concen: 103.52 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081665.D

Acq: 17 Sep 2015 4:14

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-5A

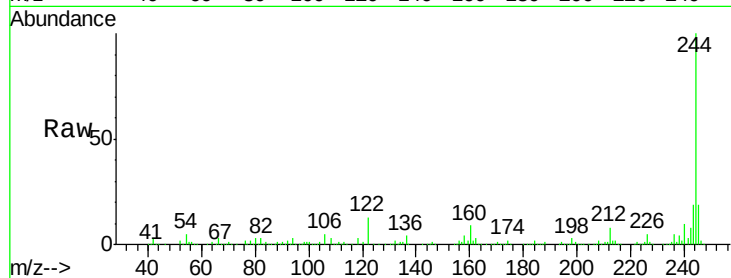
Tgt Ion:244 Resp: 596016

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

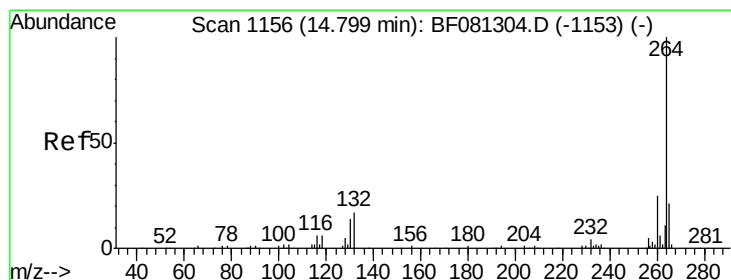
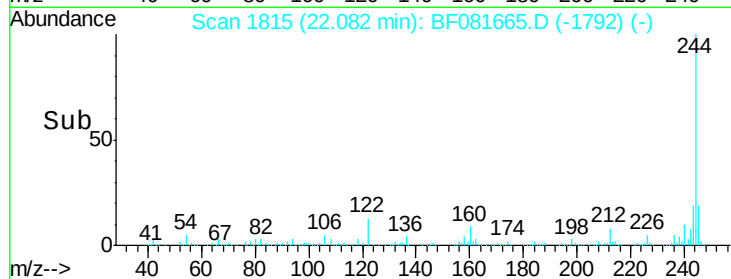
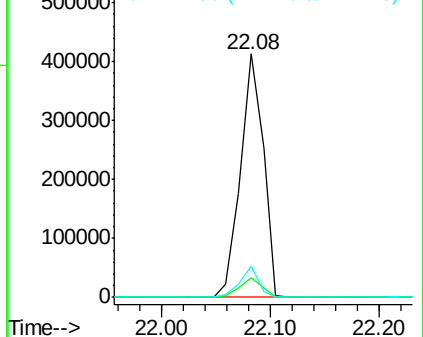
122 13.0 17.4 26.2#



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: 24.79 min Scan# 2052

Delta R.T. -0.02 min

Lab File: BF081665.D

Acq: 17 Sep 2015 4:14

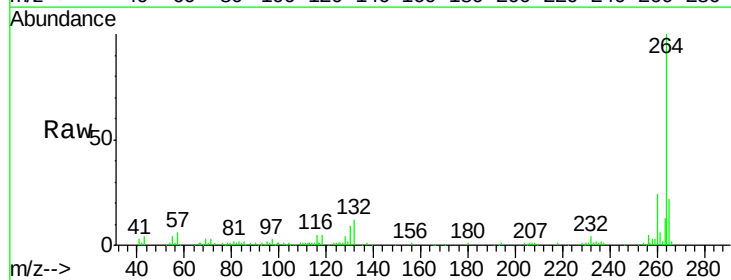
Tgt Ion:264 Resp: 94003

Ion Ratio Lower Upper

264 100

260 24.2 16.7 25.1

265 21.8 17.2 25.8



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

