

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091615\
 Data File : BF081664.D
 Acq On : 17 Sep 2015 3:37
 Operator : UM/IZ
 Sample : G3624-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-7

Quant Time: Sep 17 04:19:03 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

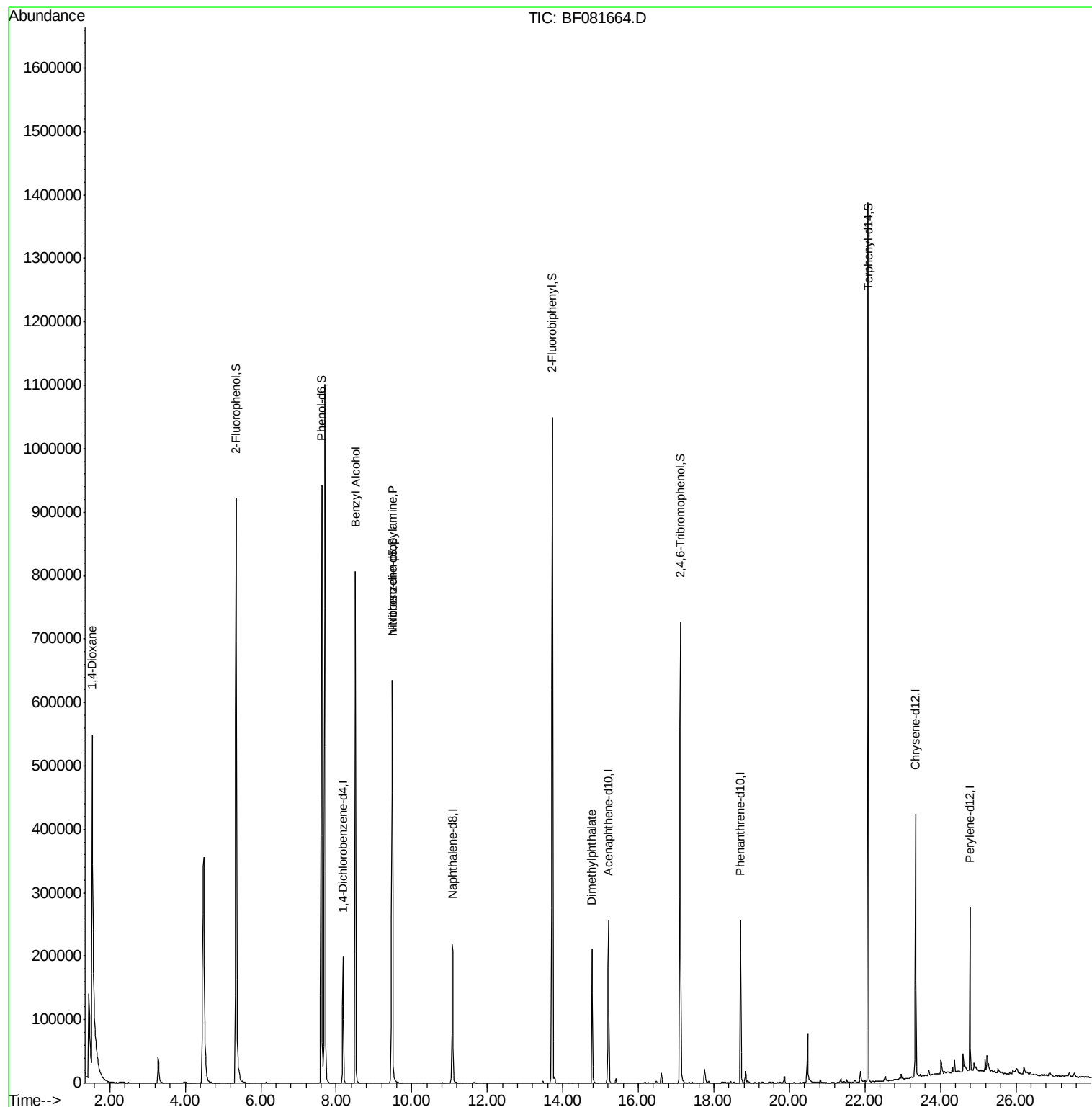
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	47936	20.00	ng	-0.03
21) Naphthalene-d8	11.07	136	195484	20.00	ng	-0.05
38) Acenaphthene-d10	15.21	164	93692	20.00	ng	-0.05
63) Phenanthrene-d10	18.71	188	187154	20.00	ng	-0.05
75) Chrysene-d12	23.35	240	141625	20.00	ng	-0.03
86) Perylene-d12	24.79	264	101767	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	450221	145.72	ng	0.00
7) Phenol-d6	7.61	99	626598	153.22	ng	-0.03
23) Nitrobenzene-d5	9.49	82	409205	100.99	ng	-0.05
41) 2,4,6-Tribromophenol	17.12	330	131309	157.40	ng	-0.05
44) 2-Fluorobiphenyl	13.73	172	692326	94.69	ng	-0.05
78) Terphenyl-d14	22.08	244	653376	107.39	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.53	88	31123	22.43	ng	# 11
15) Benzyl Alcohol	8.51	79	6905	2.06	ng	# 32
19) n-Nitroso-di-n-propylamine	9.49	70	53901	19.37	ng	# 67
49) Dimethylphthalate	14.78	163	147691	20.29	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: BF081664.D

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VITALE-FILL-SOURCE-7

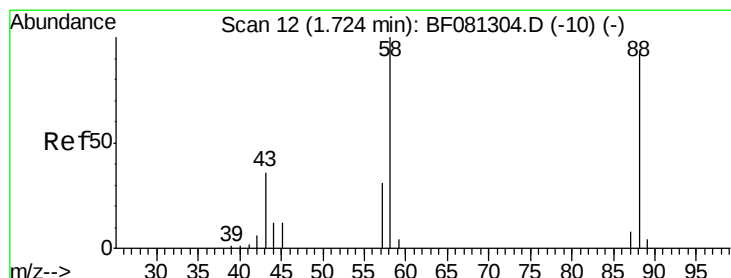
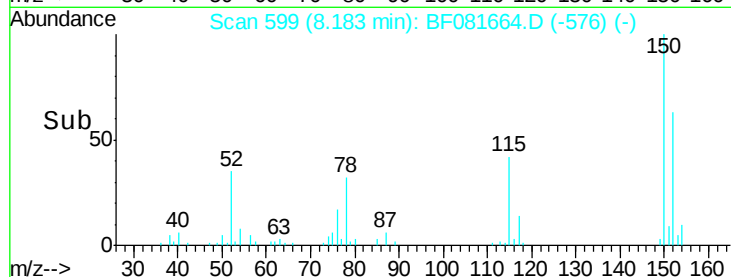
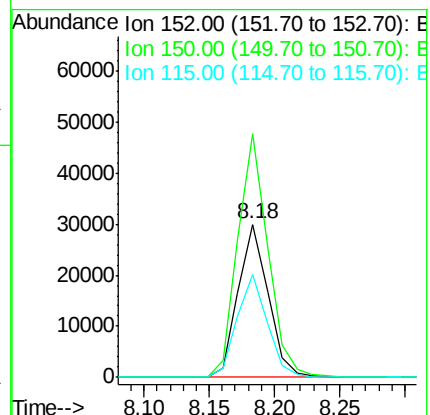
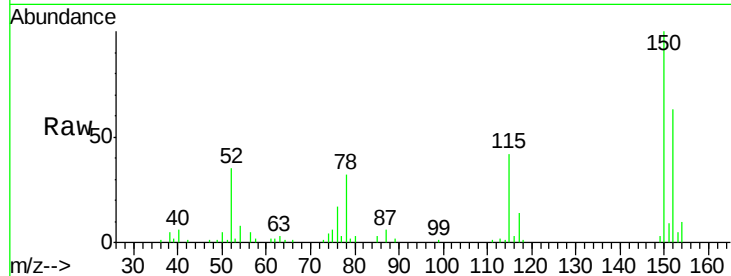
Tgt Ion:152 Resp: 47936

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

115 67.3 39.0 58.4#



#2

1,4-Dioxane

Concen: 22.43 ng

RT: 1.53 min Scan# 17

Delta R.T. -0.03 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

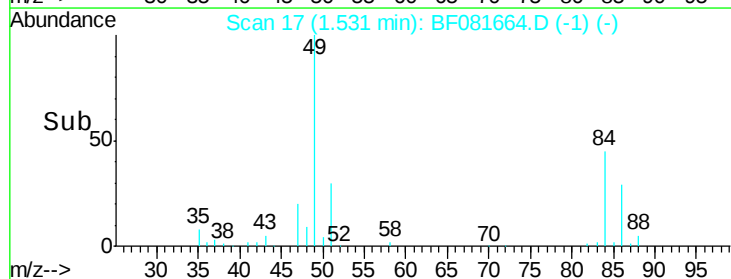
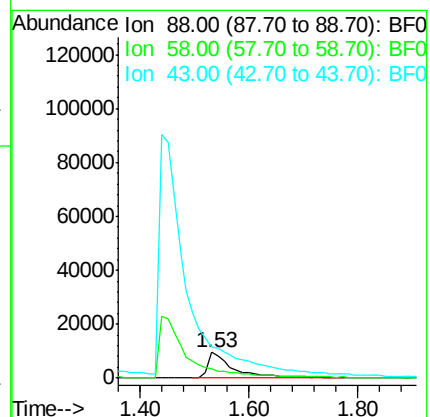
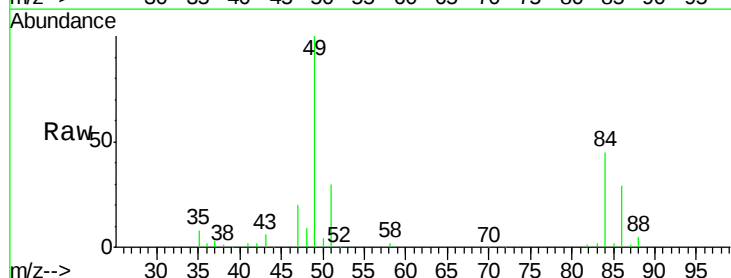
Tgt Ion: 88 Resp: 31123

Ion Ratio Lower Upper

88 100

58 0.0 77.7 116.5#

43 0.0 26.6 40.0#





#5

2-Fluorophenol

Concen: 145.72 ng

RT: 5.35 min Scan# 351

Delta R.T. -0.00 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-7

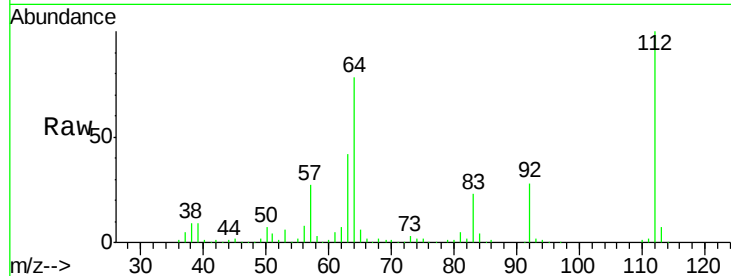
Tgt Ion: 112 Resp: 450221

Ion Ratio Lower Upper

112 100

64 78.2 39.7 59.5#

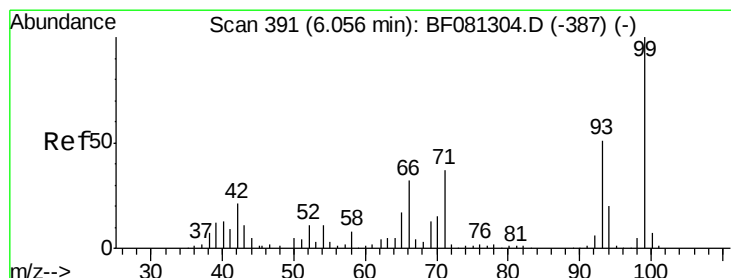
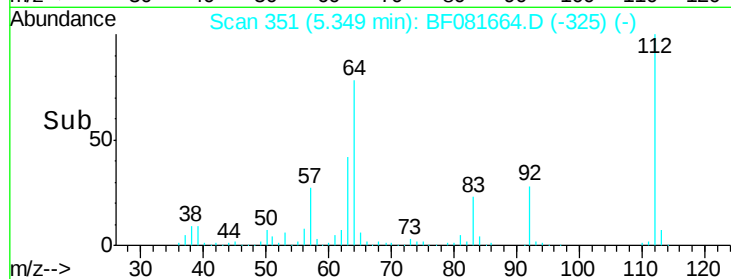
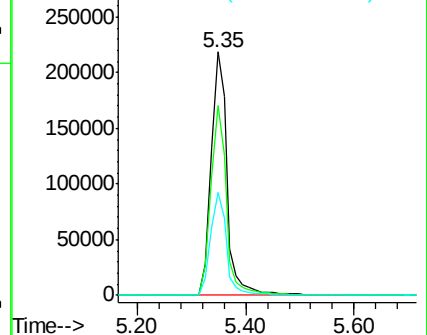
63 42.4 17.4 26.0#



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: 153.22 ng

RT: 7.61 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

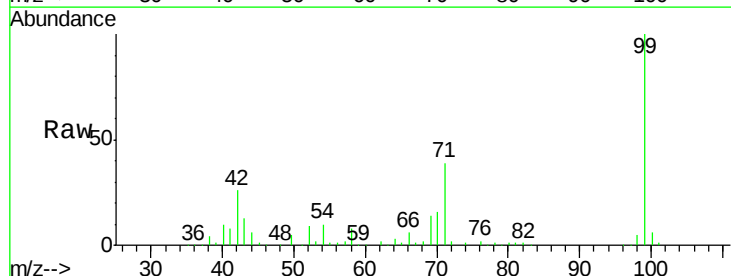
Tgt Ion: 99 Resp: 626598

Ion Ratio Lower Upper

99 100

42 25.6 13.7 20.5#

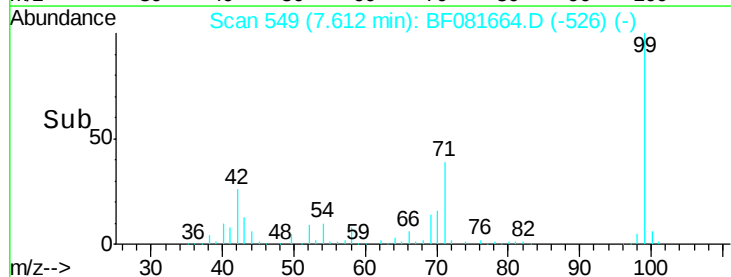
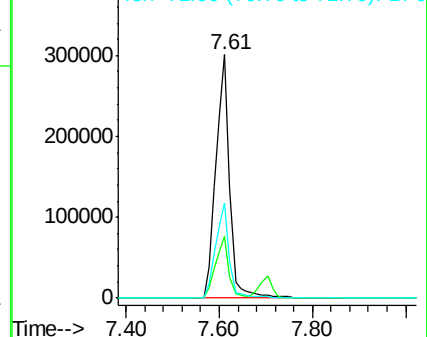
71 39.2 14.2 21.2#

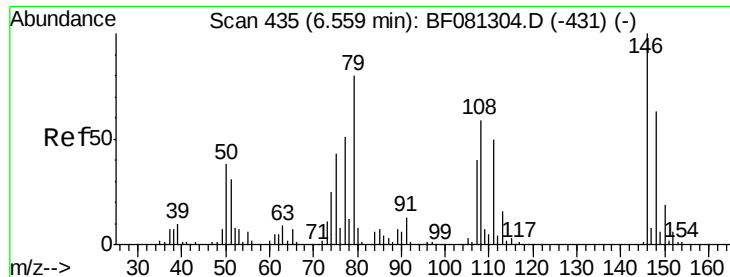


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 8.51 min Scan# 628

Delta R.T. -0.15 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

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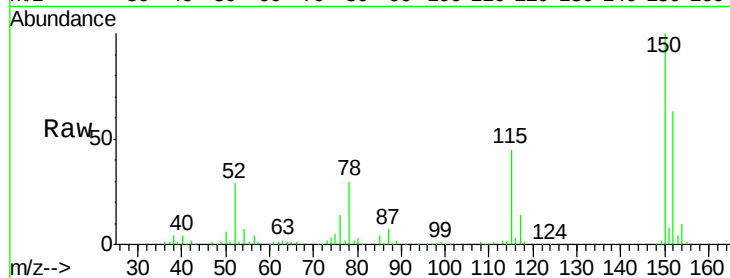
Tgt Ion: 79 Resp: 6905

Ion Ratio Lower Upper

79 100

108 29.2 88.6 132.8#

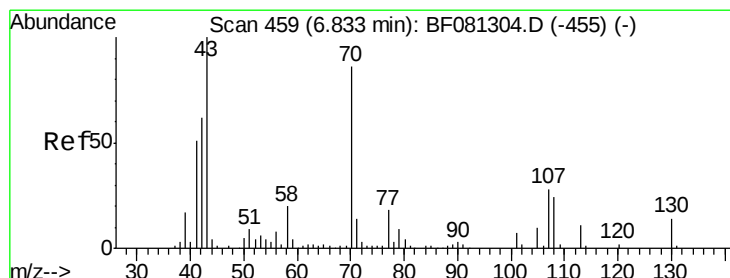
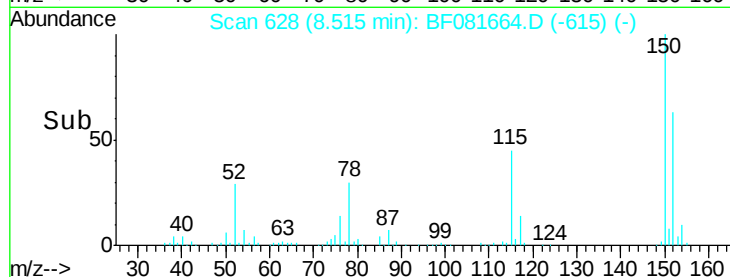
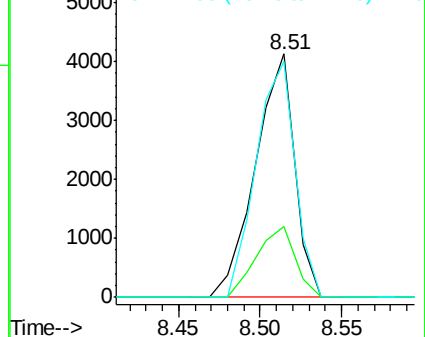
77 97.1 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.37 ng

RT: 9.49 min Scan# 713

Delta R.T. 0.19 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

Tgt Ion: 70 Resp: 53901

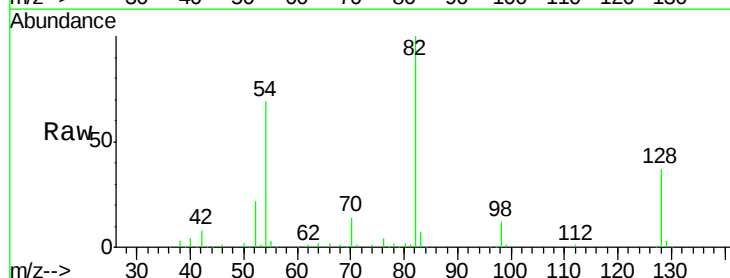
Ion Ratio Lower Upper

70 100

42 59.8 63.8 95.6#

101 0.0 9.2 13.8#

130 1.5 27.3 40.9#

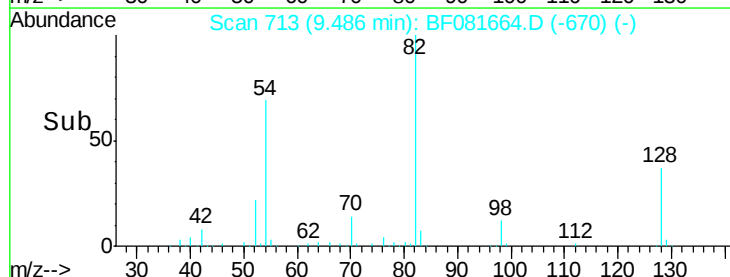
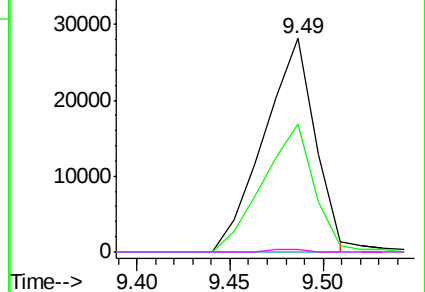


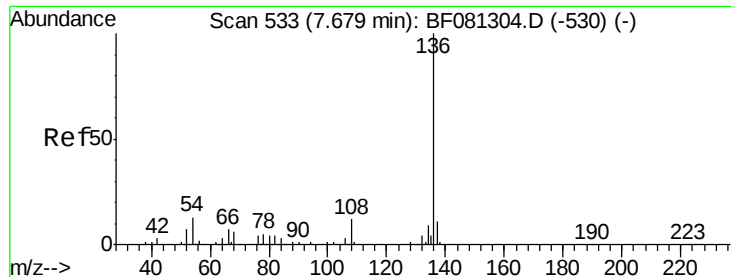
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

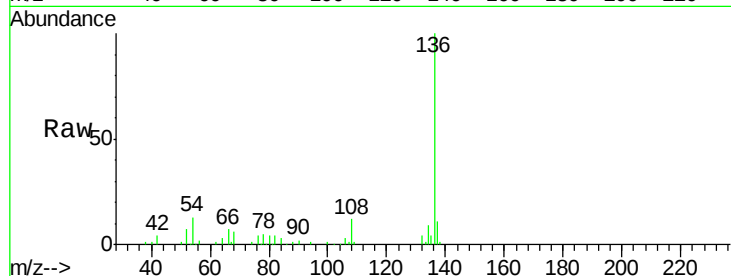




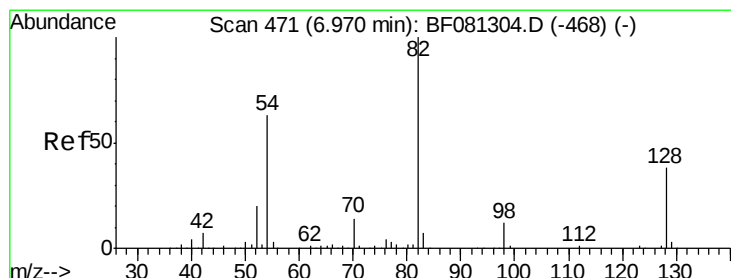
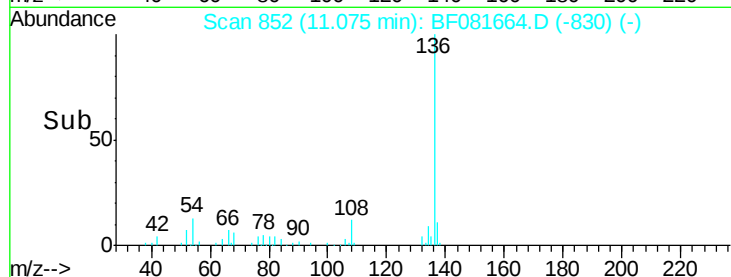
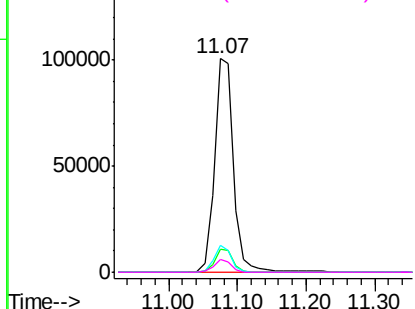
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.07 min Scan# 852
Delta R.T. -0.05 min
Lab File: BF081664.D
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BNA_F
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VITALE-FILL-SOURCE-7

Tgt Ion:	136	Resp:	195484
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	12.7	8.2	12.2#
68	5.7	5.8	8.6#

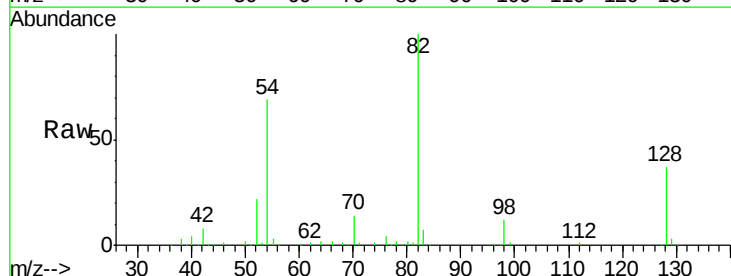


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

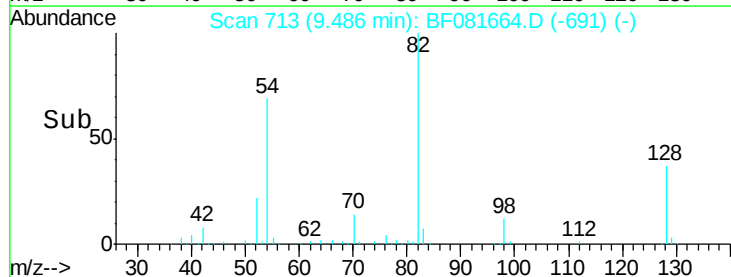
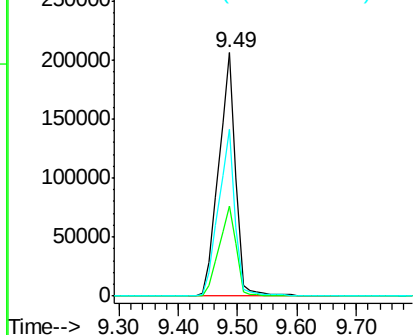


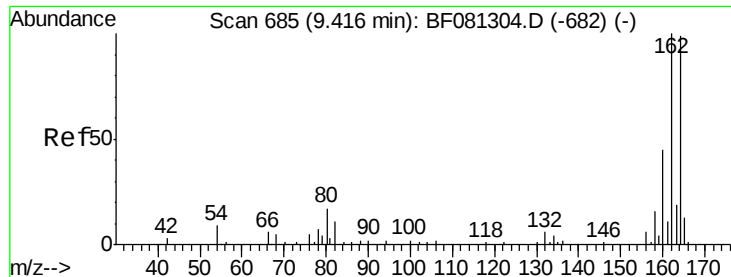
#23
Nitrobenzene-d5
Concen: 100.99 ng
RT: 9.49 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF081664.D
Acq: 17 Sep 2015 3:37

Tgt Ion:	82	Resp:	409205
Ion	Ratio	Lower	Upper
82	100		
128	37.2	51.0	76.6#
54	68.6	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: BF081664.D

Acq: 17 Sep 2015 3:37

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-7

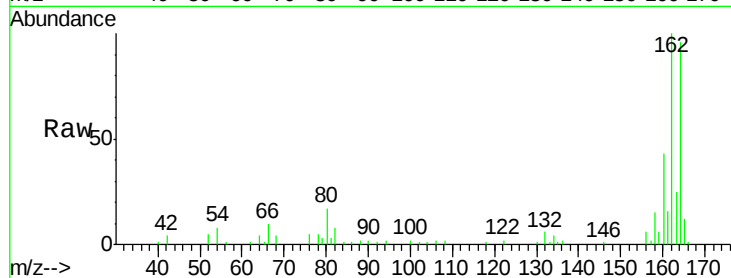
Tgt Ion:164 Resp: 93692

Ion Ratio Lower Upper

164 100

162 104.5 75.2 112.8

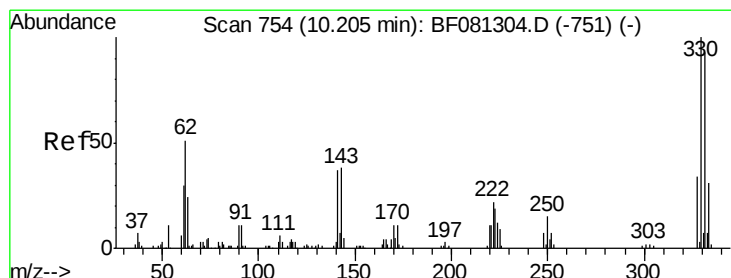
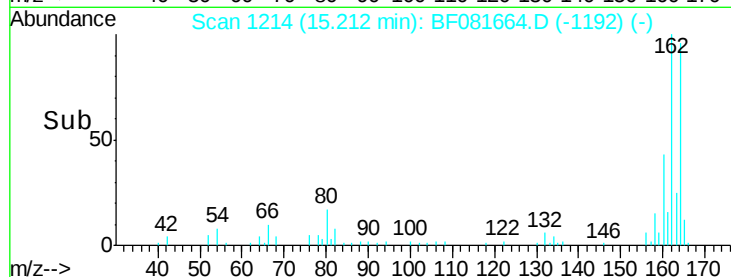
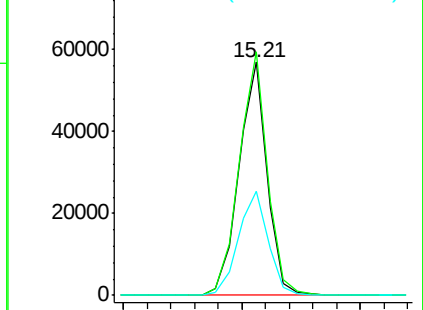
160 44.8 31.5 47.3



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: 157.40 ng

RT: 17.12 min Scan# 1381

Delta R.T. -0.05 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

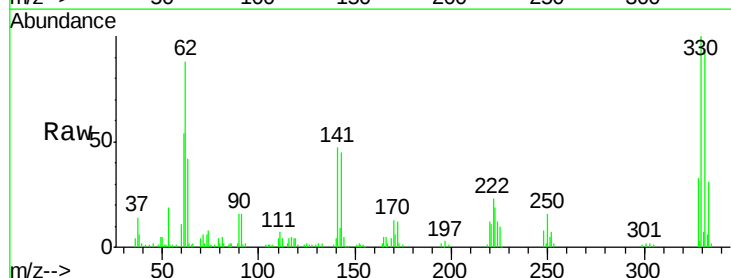
Tgt Ion:330 Resp: 131309

Ion Ratio Lower Upper

330 100

332 94.5 76.6 114.8

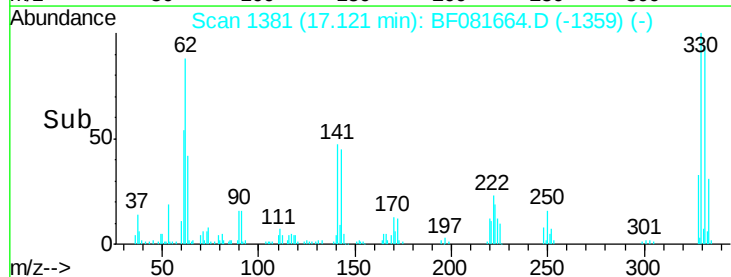
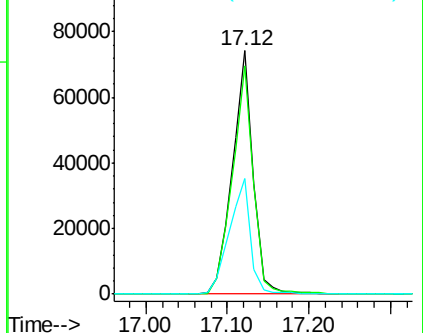
141 48.5 29.7 44.5#

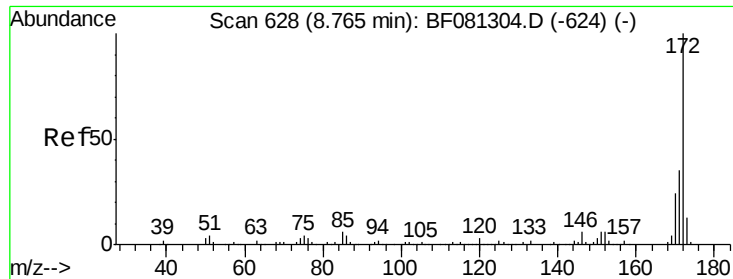


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

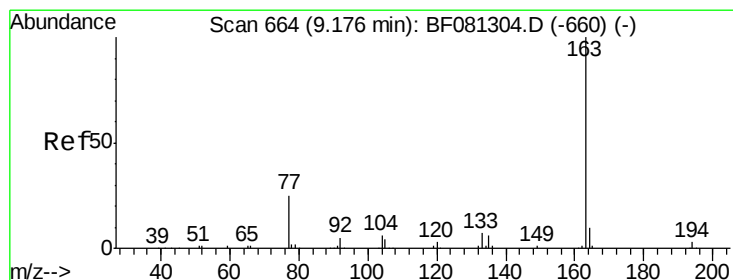
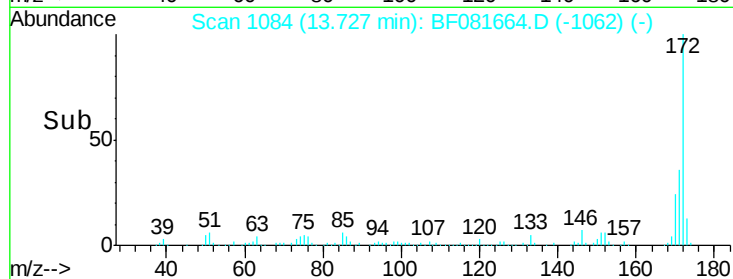
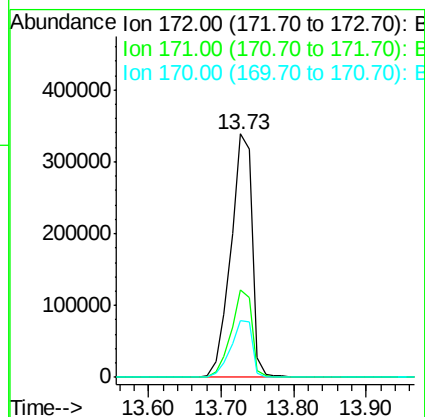
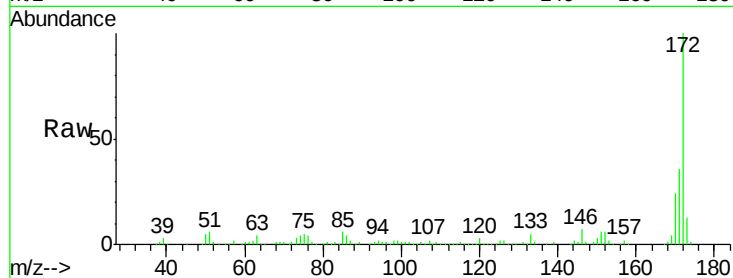




#44
2-Fluorobiphenyl
Concen: 94.69 ng
RT: 13.73 min Scan# 1084
Delta R.T. -0.05 min
Lab File: BF081664.D
Acq: 17 Sep 2015 3:37

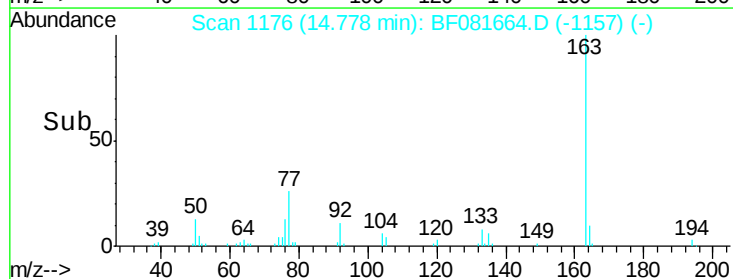
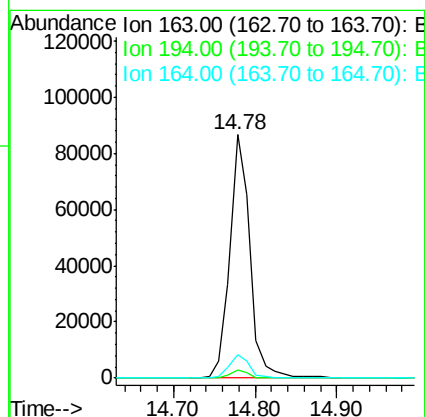
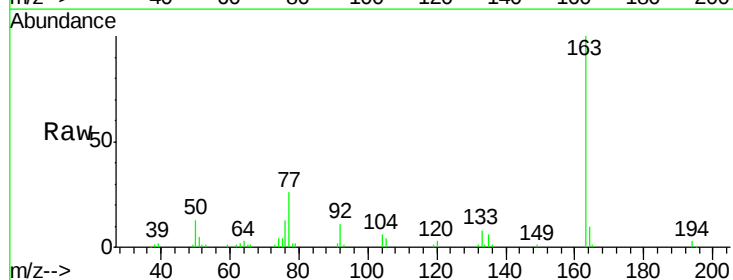
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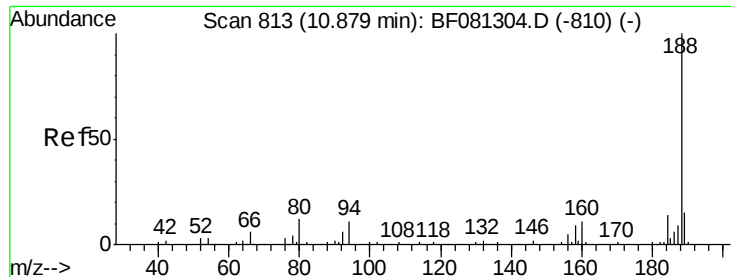
Tgt Ion:172 Resp: 692326
Ion Ratio Lower Upper
172 100
171 35.7 26.1 39.1
170 23.6 17.4 26.2



#49
Dimethylphthalate
Concen: 20.29 ng
RT: 14.78 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF081664.D
Acq: 17 Sep 2015 3:37

Tgt Ion:163 Resp: 147691
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 9.8 8.3 12.5

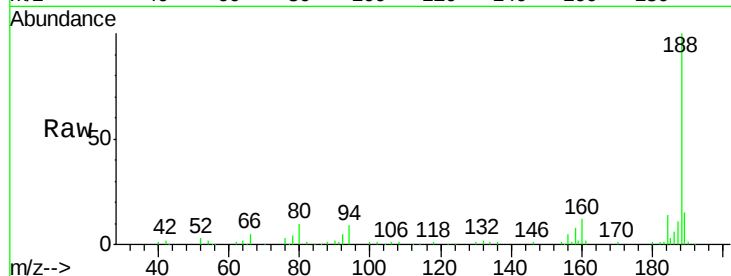




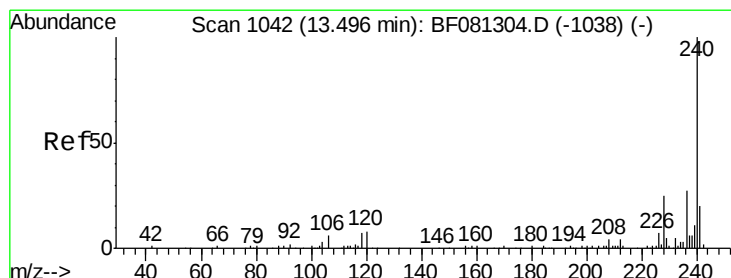
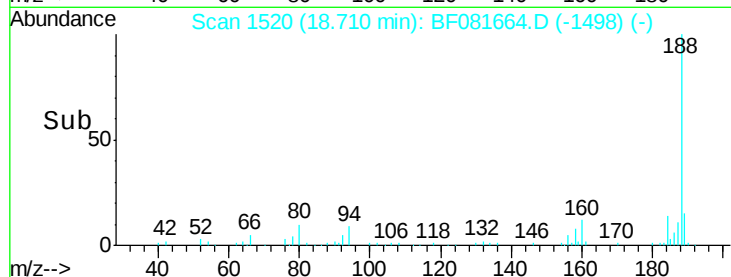
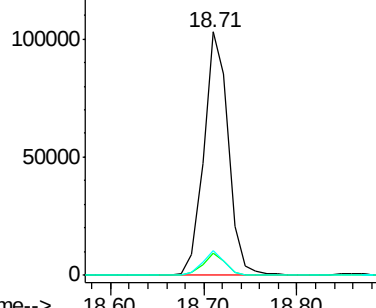
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.71 min Scan# 1520
Delta R.T. -0.05 min
Lab File: BF081664.D
Acq: 17 Sep 2015 3:37

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Tgt Ion:188 Resp: 187154
Ion Ratio Lower Upper
188 100
94 8.9 11.1 16.7#
80 10.3 11.0 16.4#

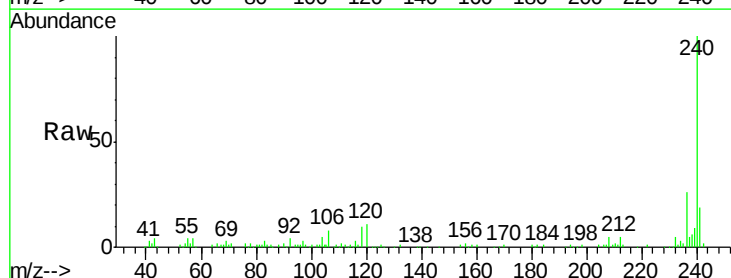


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

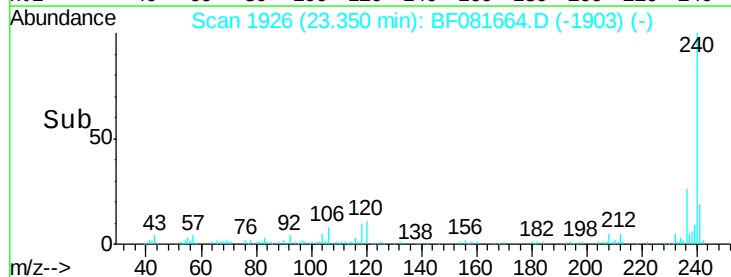
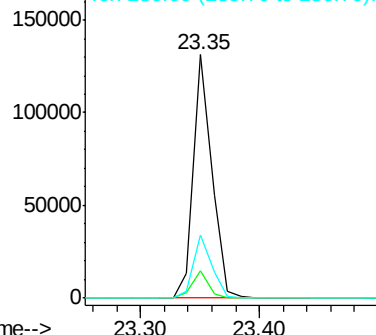


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 1926
Delta R.T. -0.03 min
Lab File: BF081664.D
Acq: 17 Sep 2015 3:37

Tgt Ion:240 Resp: 141625
Ion Ratio Lower Upper
240 100
120 11.2 16.2 24.2#
236 25.7 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: 107.39 ng

RT: 22.08 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF081664.D

Acq: 17 Sep 2015 3:37

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-7

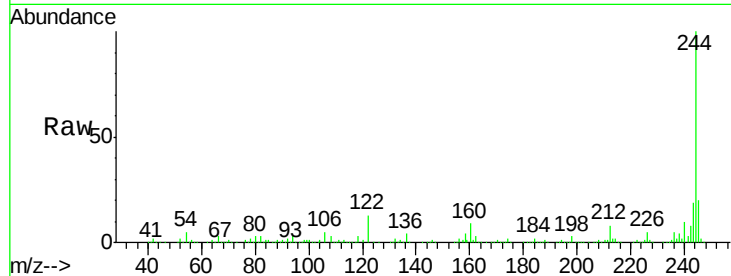
Tgt Ion:244 Resp: 653376

Ion Ratio Lower Upper

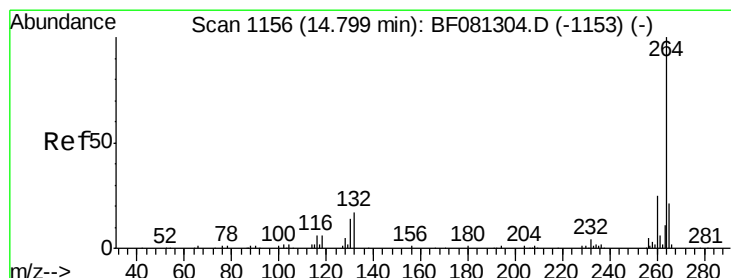
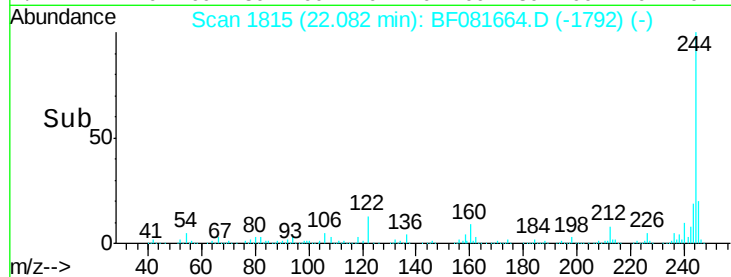
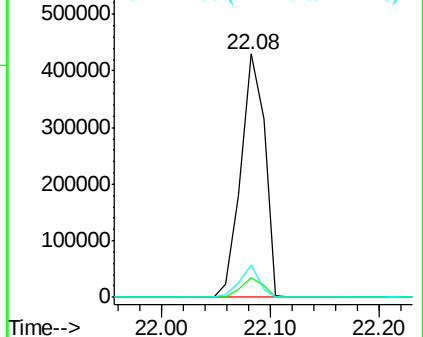
244 100

212 7.9 4.3 6.5#

122 13.1 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: BF081664.D

Acq: 17 Sep 2015 3:37

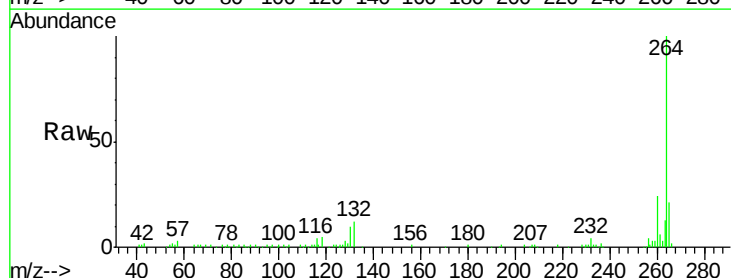
Tgt Ion:264 Resp: 101767

Ion Ratio Lower Upper

264 100

260 24.0 16.7 25.1

265 20.8 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

