

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081147.D
 Acq On : 21 Aug 2015 16:05
 Operator : UM/IZ
 Sample : G3312-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1A

Quant Time: Aug 21 16:42:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

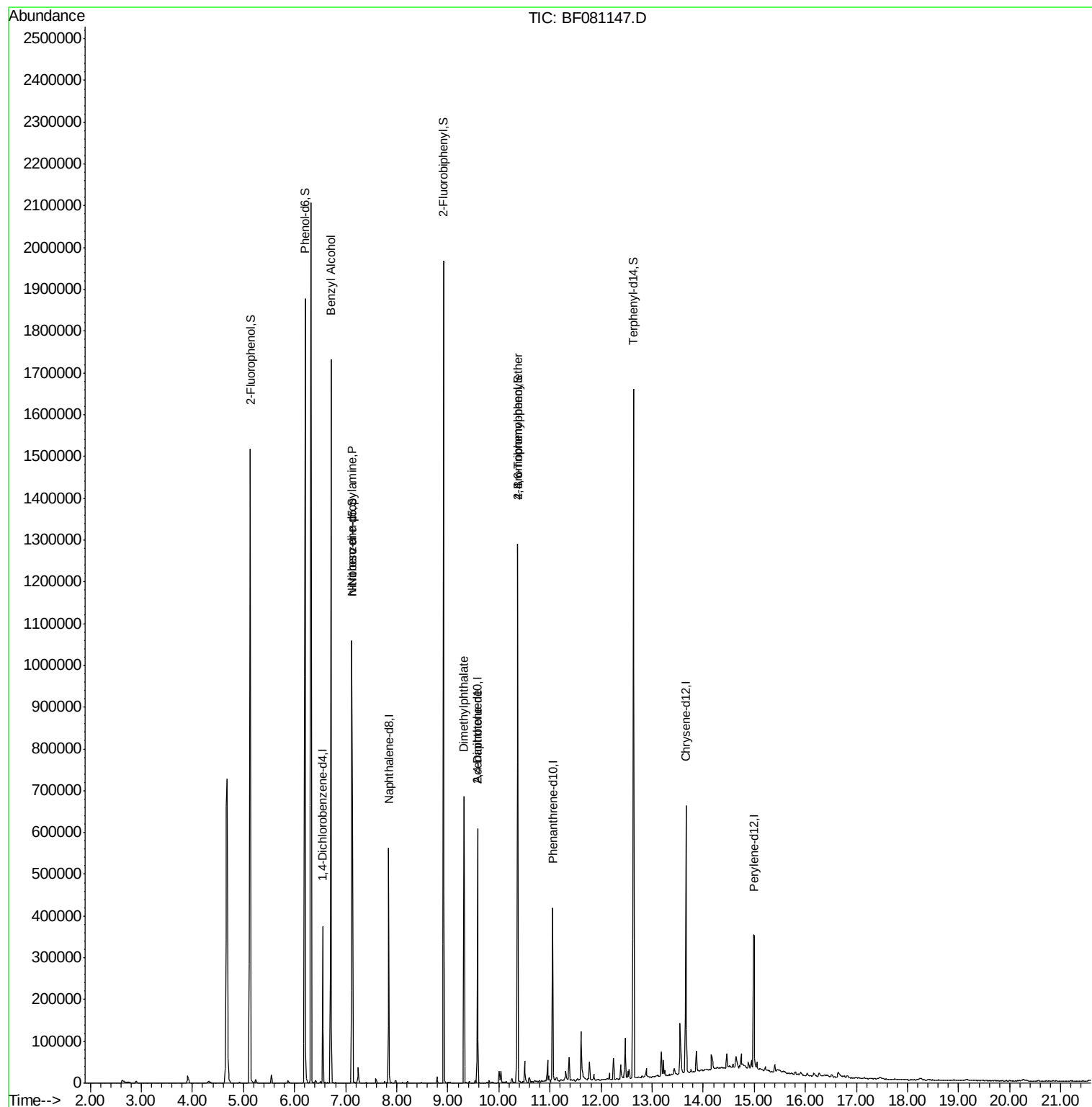
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	53523	20.00	ng	-0.03
21) Naphthalene-d8	7.84	136	234889	20.00	ng	-0.03
38) Acenaphthene-d10	9.58	164	109124	20.00	ng	-0.05
63) Phenanthrene-d10	11.05	188	226484	20.00	ng	-0.03
75) Chrysene-d12	13.66	240	200651	20.00	ng	-0.05
86) Perylene-d12	15.00	264	172410	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	568272	159.70	ng	-0.01
7) Phenol-d6	6.21	99	679120	146.27	ng	-0.02
23) Nitrobenzene-d5	7.12	82	447292	86.99	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	141213	149.28	ng	-0.03
44) 2-Fluorobiphenyl	8.92	172	611726	73.45	ng	-0.05
78) Terphenyl-d14	12.63	244	663015	70.84	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.71	79	8015	2.13	ng	# 59
19) n-Nitroso-di-n-propylamine	7.12	70	59889	18.62	ng	# 70
49) Dimethylphthalate	9.32	163	227756	25.34	ng	100
56) 2,4-Dinitrotoluene	9.58	165	13624	5.33	ng	# 17
66) 4-Bromophenyl-phenylether	10.37	248	11050	4.97	ng	# 1

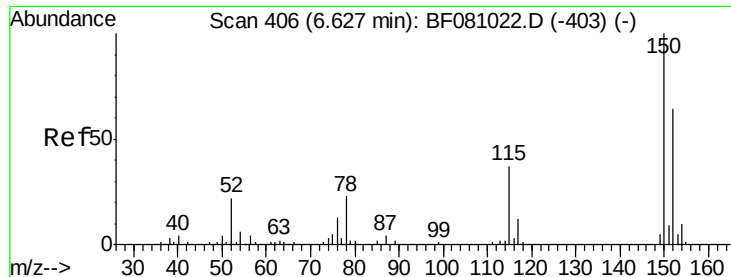
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
Data File : BF081147.D
Acq On : 21 Aug 2015 16:05
Operator : UM/IZ
Sample : G3312-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1A

Quant Time: Aug 21 16:42:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 20 11:22:13 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF081147.D

Acq: 21 Aug 2015 16:05

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1A

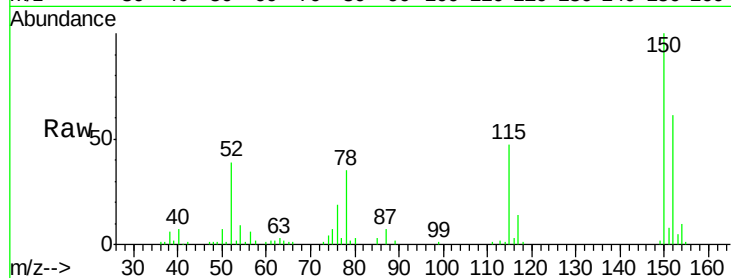
Tot Ion:152 Resp: 53523

Ion Ratio Lower Upper

152 100

150 162.9 123.8 185.6

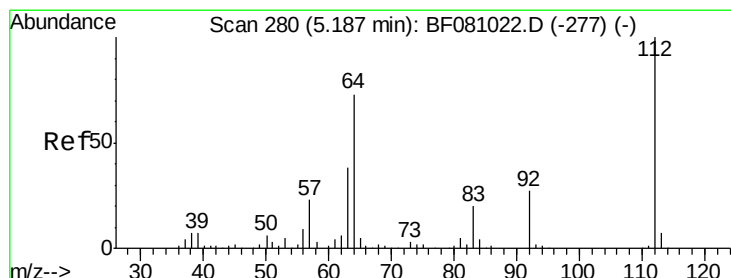
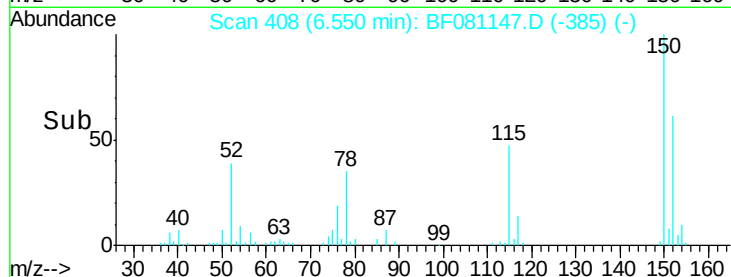
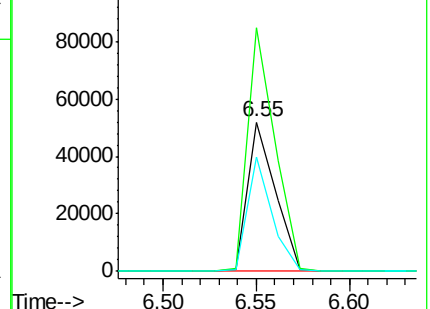
115 76.3 52.1 78.1



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: 159.70 ng

RT: 5.13 min Scan# 284

Delta R.T. -0.01 min

Lab File: BF081147.D

Acq: 21 Aug 2015 16:05

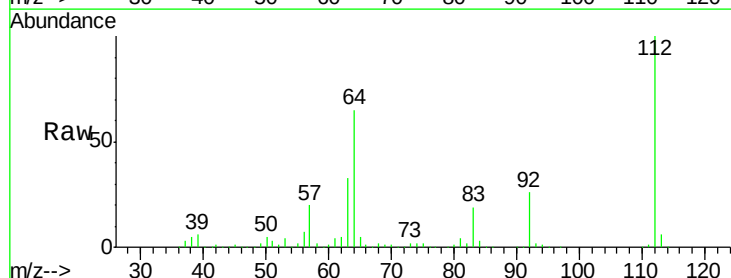
Tgt Ion:112 Resp: 568272

Ion Ratio Lower Upper

112 100

64 64.6 66.9 100.3#

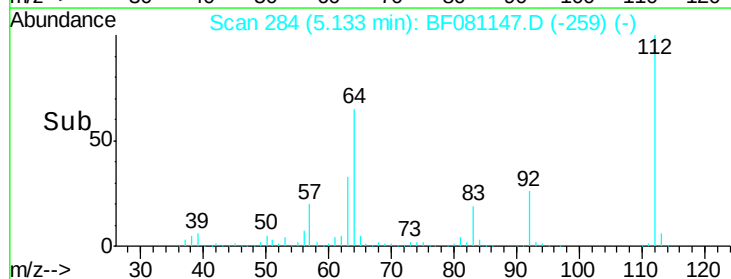
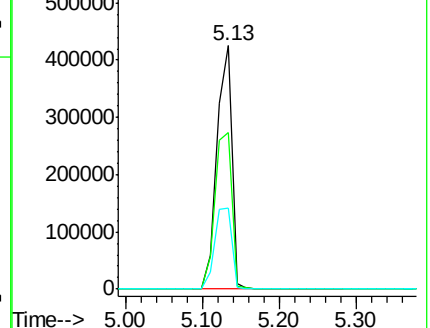
63 33.3 38.1 57.1#

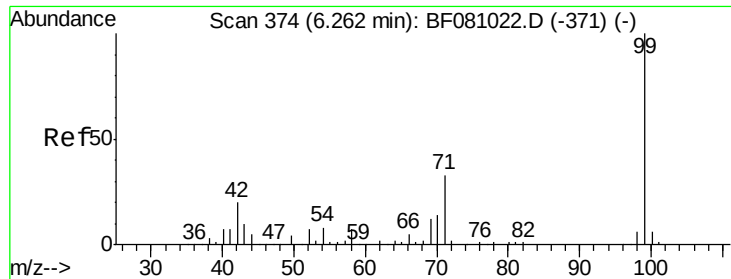


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 146.27 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF081147.D

Acq: 21 Aug 2015 16:05

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1A

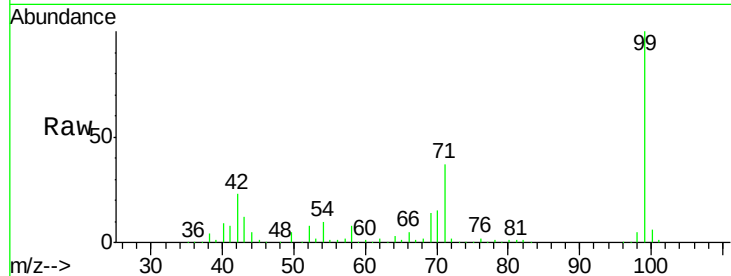
Tot Ion: 99 Resp: 679120

Ion Ratio Lower Upper

99 100

42 22.5 19.6 29.4

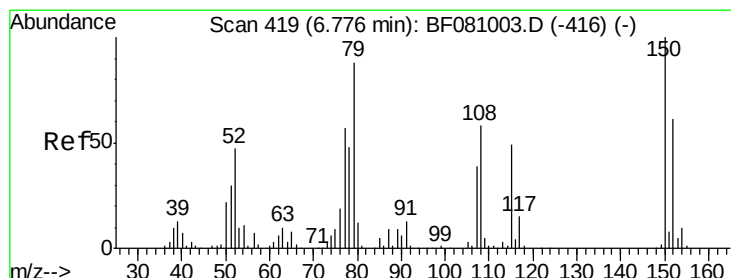
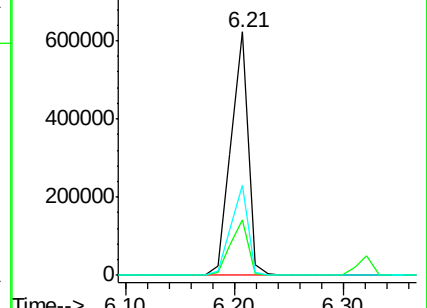
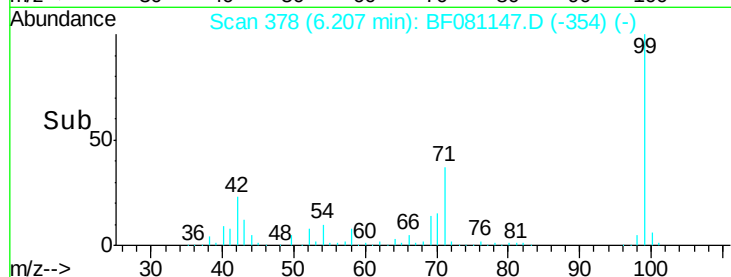
71 36.9 31.2 46.8



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: 2.13 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF081147.D

Acq: 21 Aug 2015 16:05

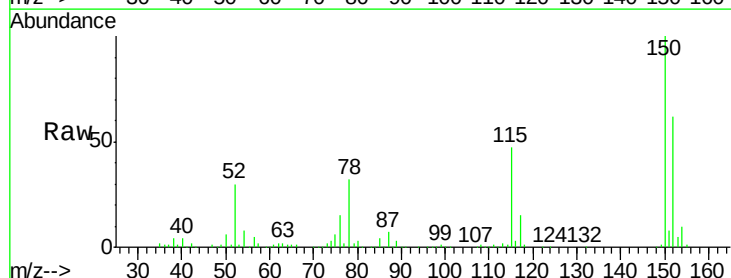
Tgt Ion: 79 Resp: 8015

Ion Ratio Lower Upper

79 100

108 28.7 49.4 74.2#

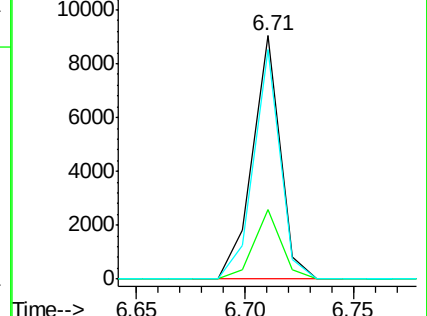
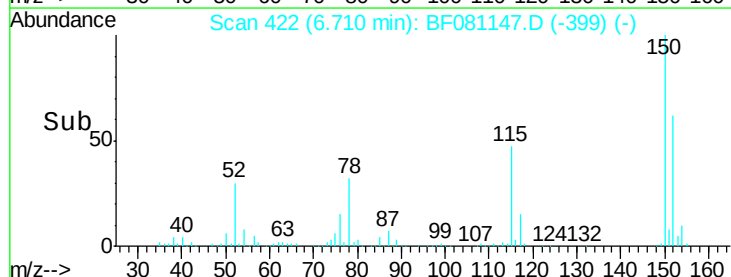
77 94.4 51.4 77.0#

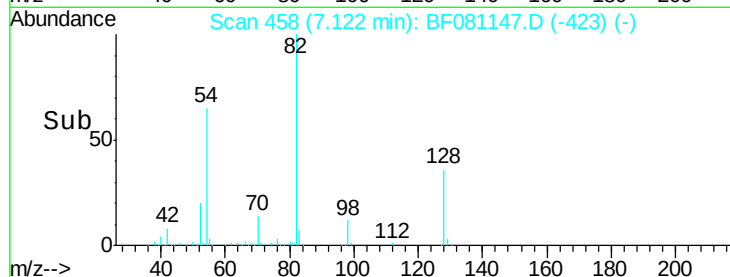
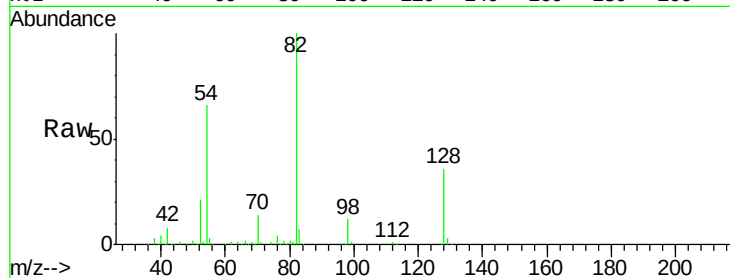
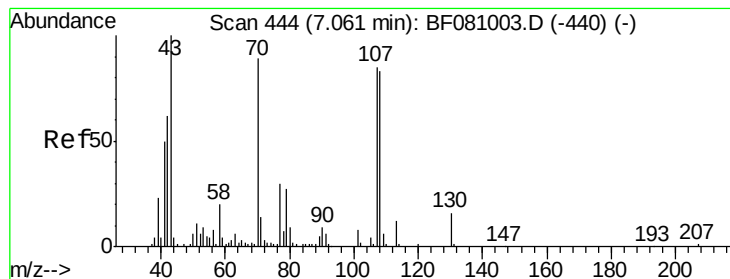


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 18.62 ng

RT: 7.12 min Scan# 458

Delta R.T. 0.10 min

Lab File: BF081147.D

Acq: 21 Aug 2015 16:05

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1A

Tot Ion: 70 Resp: 59889

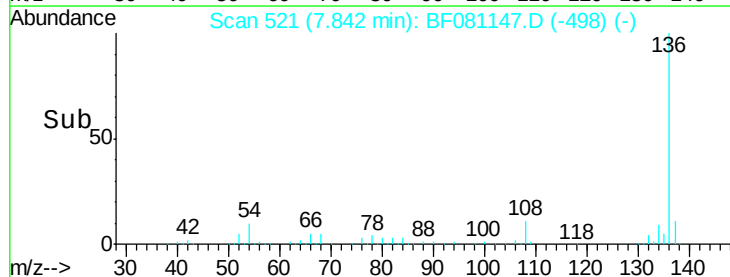
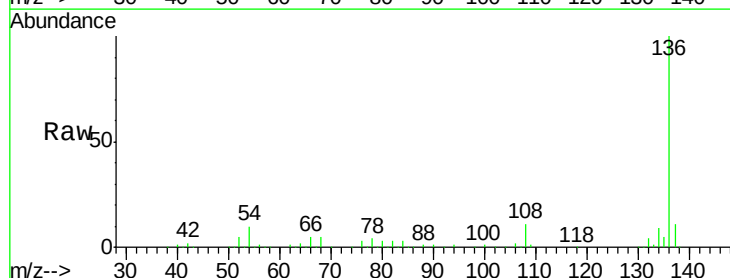
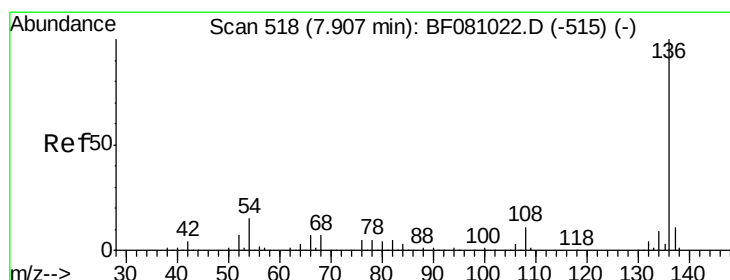
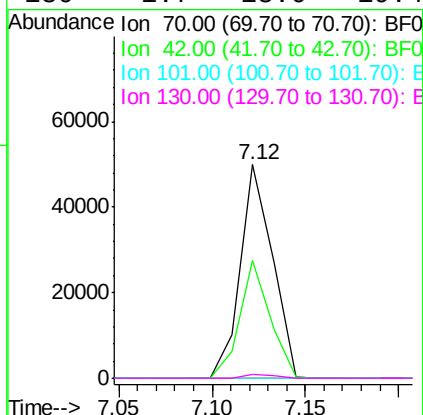
Ion Ratio Lower Upper

70 100

42 54.9 65.0 97.4#

101 0.0 7.4 11.2#

130 1.7 13.0 19.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF081147.D

Acq: 21 Aug 2015 16:05

Tgt Ion: 136 Resp: 234889

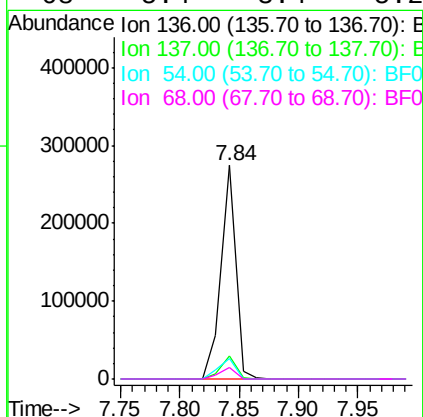
Ion Ratio Lower Upper

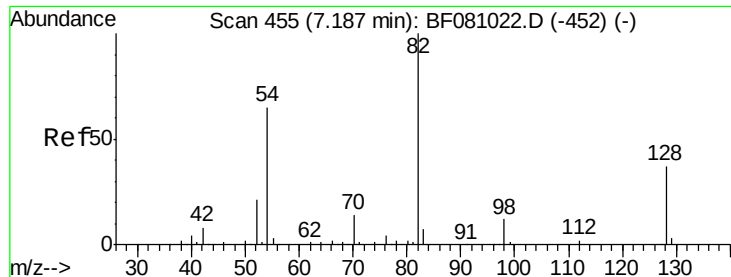
136 100

137 10.7 8.2 12.2

54 9.7 7.7 11.5

68 5.4 3.4 5.2#

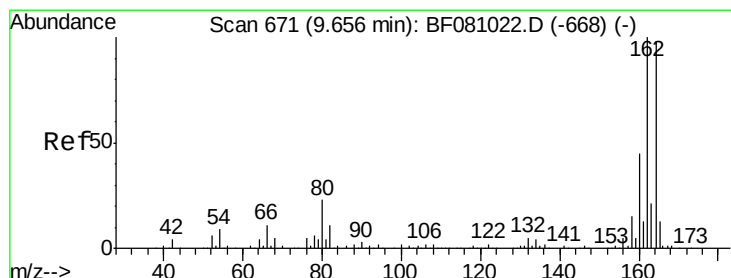
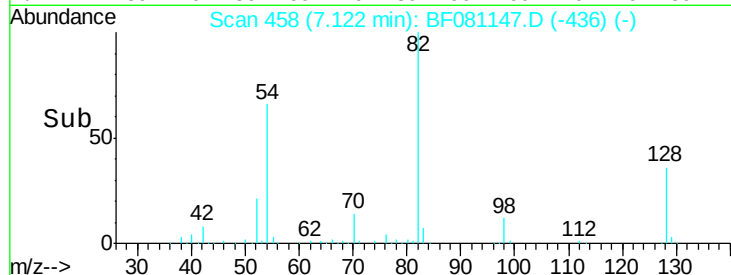
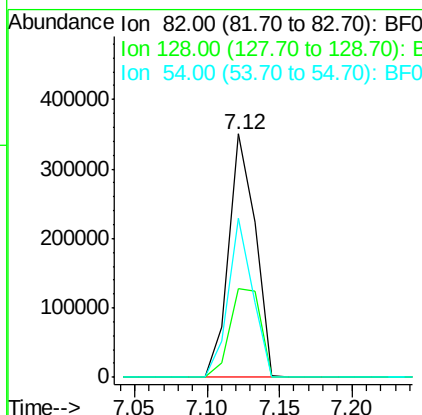
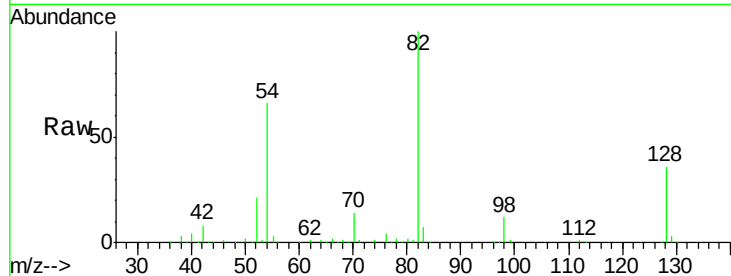




#23
 Nitrobenzene-d5
 Concen: 86.99 ng
 RT: 7.12 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF081147.D
 Acq: 21 Aug 2015 16:05

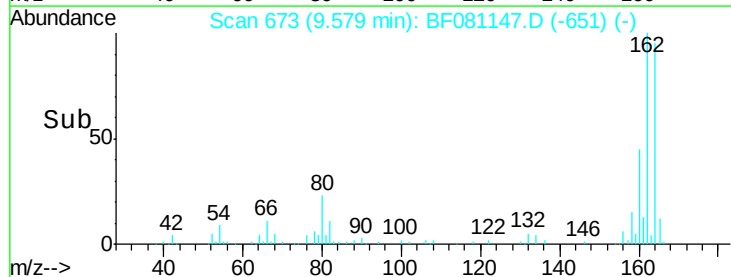
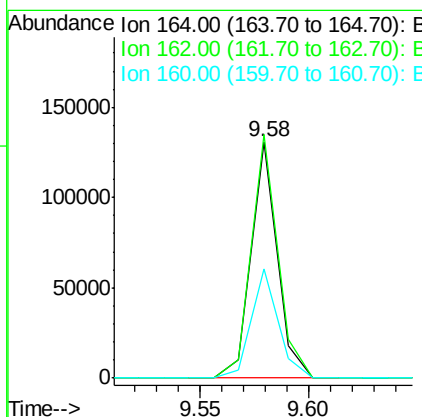
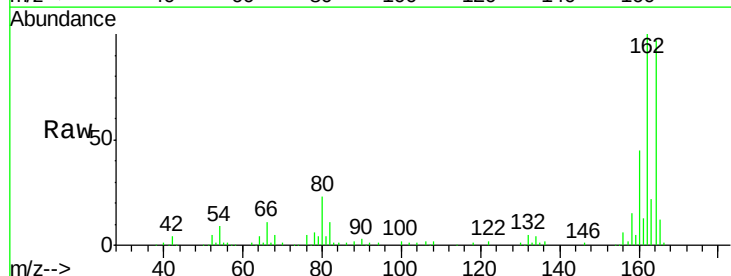
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-1A

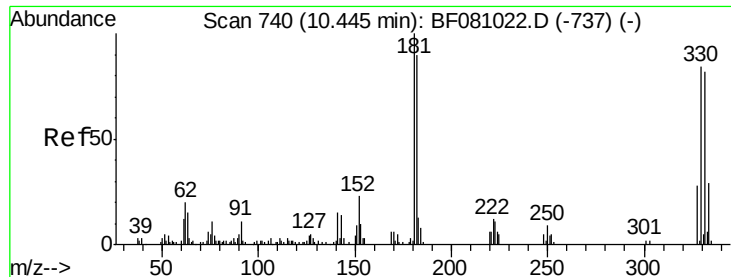
Tot Ion	82	Resp	447292
Ion Ratio	Lower	Upper	
82	100		
128	36.3	28.6	42.8
54	65.5	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF081147.D
 Acq: 21 Aug 2015 16:05

Tgt Ion	164	Resp	109124
Ion Ratio	Lower	Upper	
164	100		
162	103.1	83.8	125.8
160	46.2	39.8	59.8





#41

2,4,6-Tribromophenol

Concen: 149.28 ng

RT: 10.37 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF081147.D

Acq: 21 Aug 2015 16:05

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1A

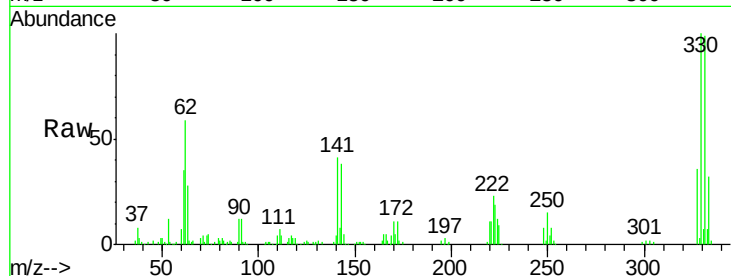
Tot Ion:330 Resp: 141213

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

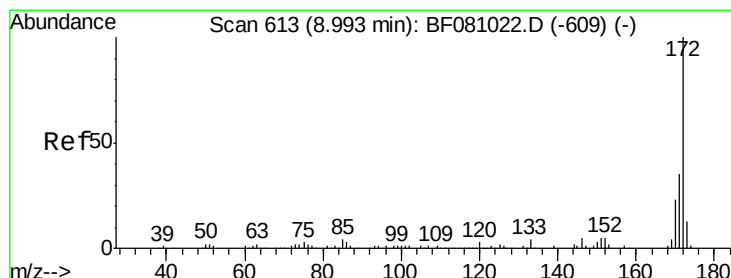
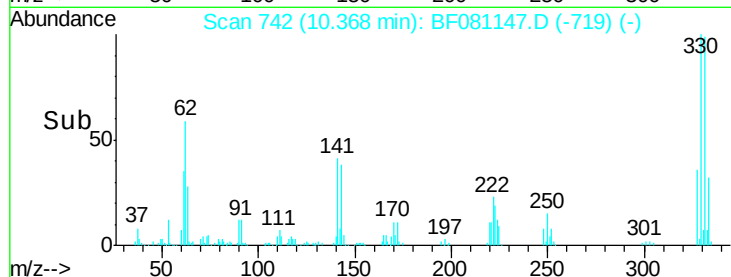
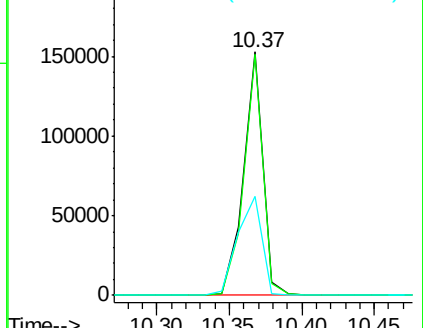
141 51.1 44.9 67.3



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: 73.45 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.05 min

Lab File: BF081147.D

Acq: 21 Aug 2015 16:05

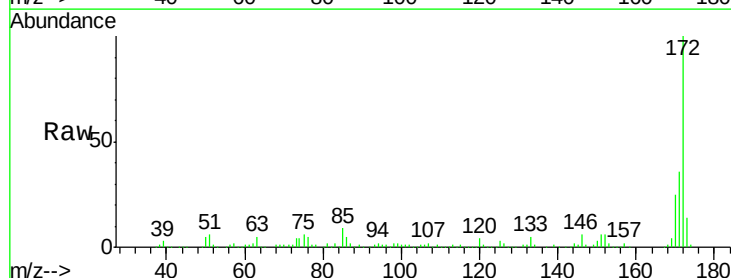
Tgt Ion:172 Resp: 611726

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

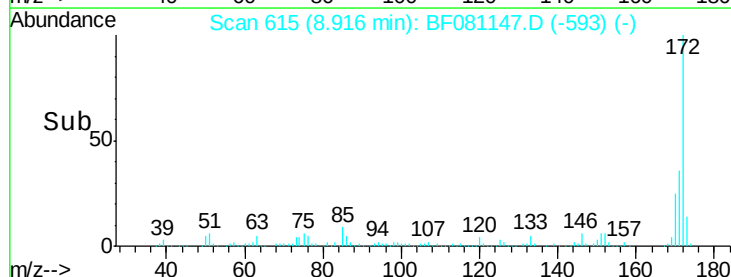
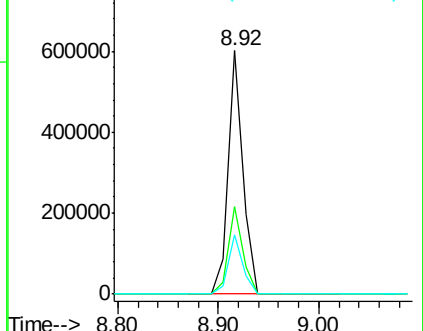
170 24.6 19.4 29.2

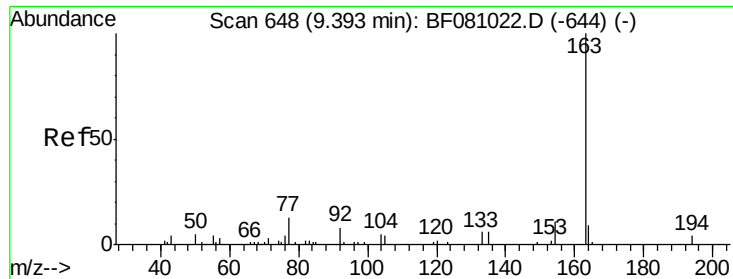


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

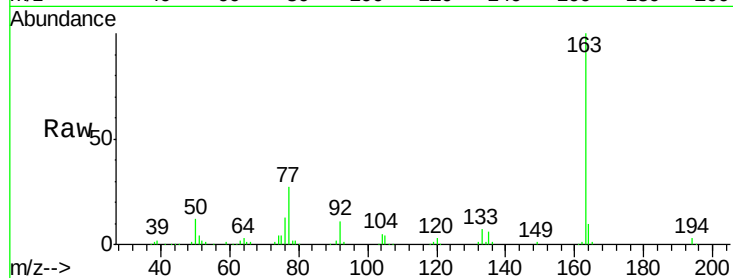




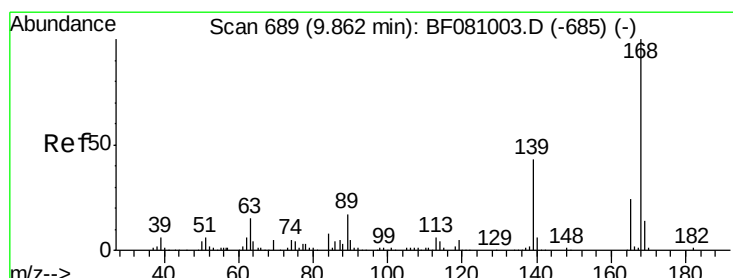
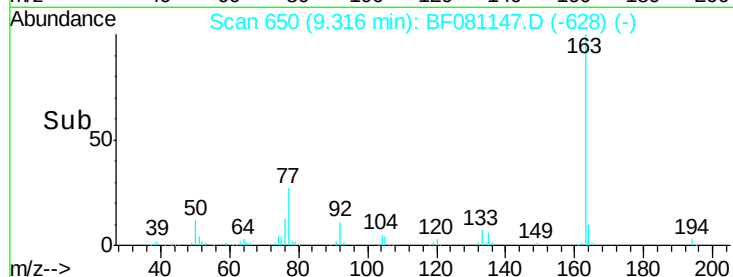
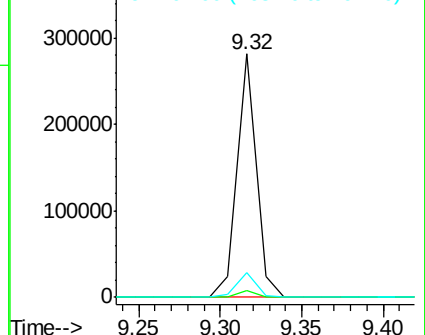
#49
Dimethylphthalate
Concen: 25.34 ng
RT: 9.32 min Scan# 650
Delta R.T. -0.05 min
Lab File: BF081147.D
Acq: 21 Aug 2015 16:05

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1A

Tot Ion:163 Resp: 227756
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 10.0 8.1 12.1

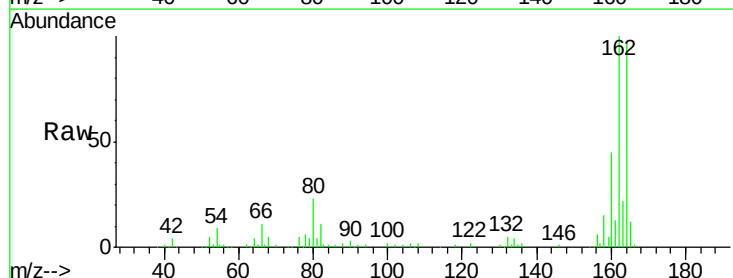


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

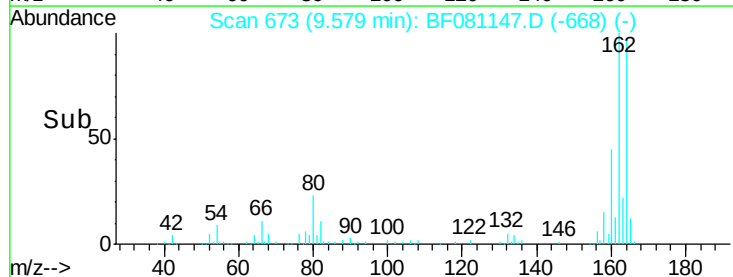
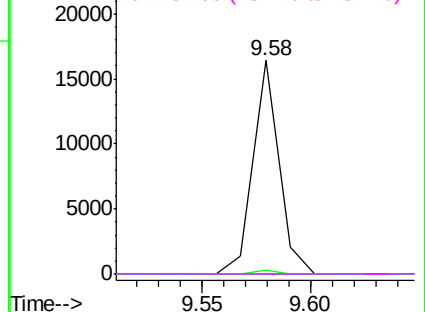


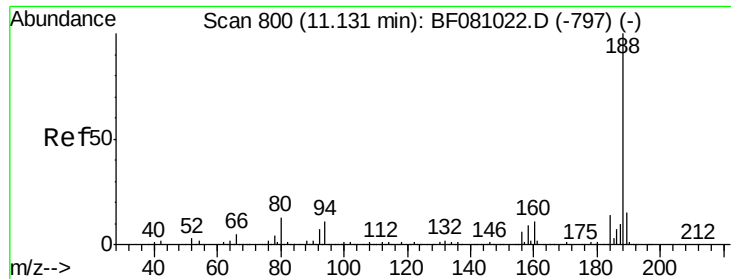
#56
2,4-Dinitrotoluene
Concen: 5.33 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.24 min
Lab File: BF081147.D
Acq: 21 Aug 2015 16:05

Tgt Ion:165 Resp: 13624
Ion Ratio Lower Upper
165 100
63 1.8 52.2 78.4#
89 0.0 60.1 90.1#
182 0.0 1.8 2.6#



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

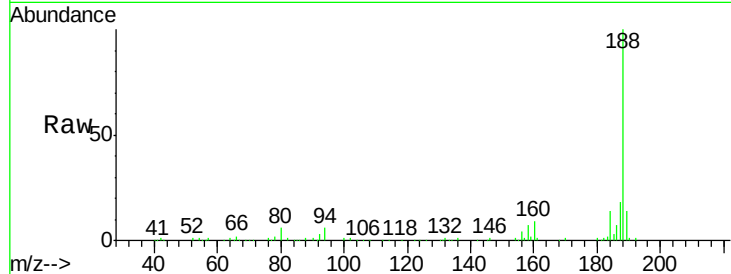




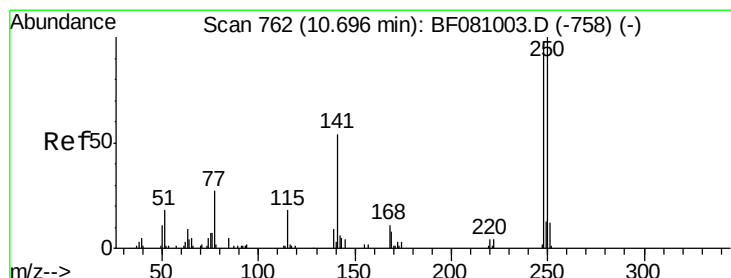
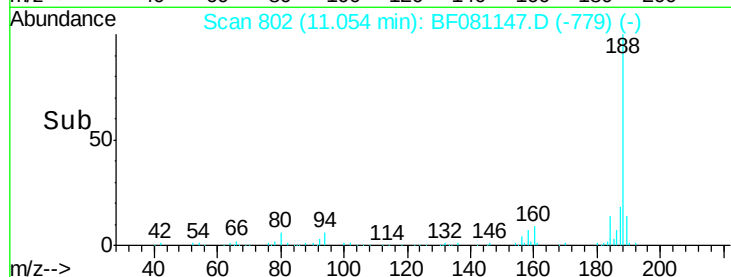
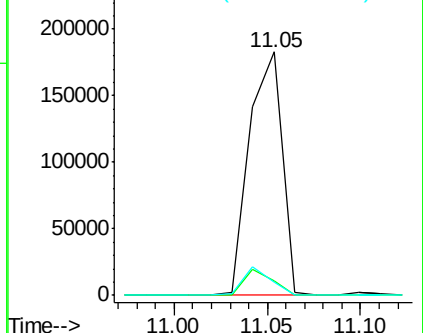
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 802
Delta R.T. -0.03 min
Lab File: BF081147.D
Acq: 21 Aug 2015 16:05

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1A

Tot Ion:188 Resp: 226484
Ion Ratio Lower Upper
188 100
94 5.8 8.2 12.2#
80 5.6 9.5 14.3#

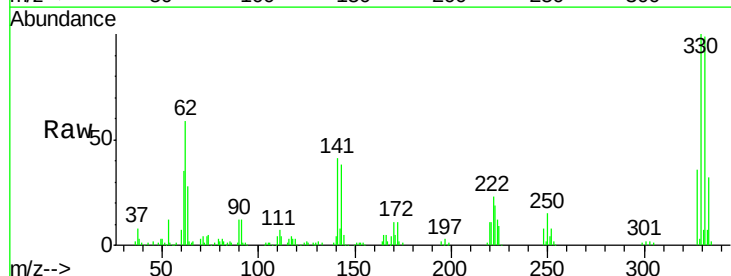


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

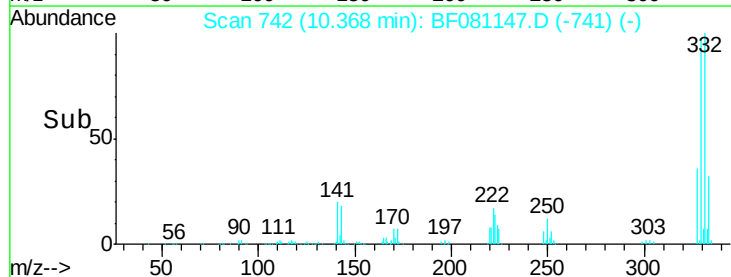
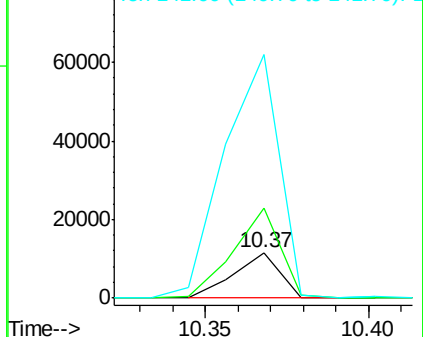


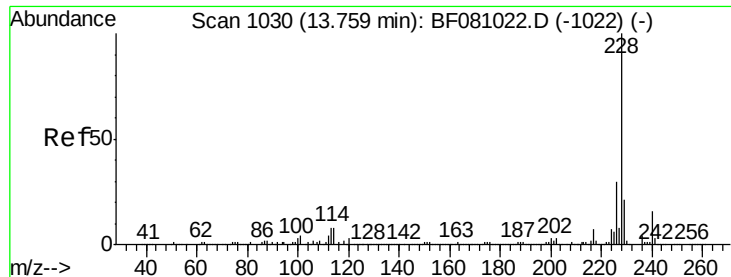
#66
4-Bromophenyl-phenylether
Concen: 4.97 ng
RT: 10.37 min Scan# 742
Delta R.T. -0.29 min
Lab File: BF081147.D
Acq: 21 Aug 2015 16:05

Tgt Ion:248 Resp: 11050
Ion Ratio Lower Upper
248 100
250 198.1 77.8 116.6#
141 534.3 39.8 59.6#



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: 13.66 min Scan# 1030

Delta R.T. -0.05 min

Lab File: BF081147.D

Acq: 21 Aug 2015 16:05

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-1A

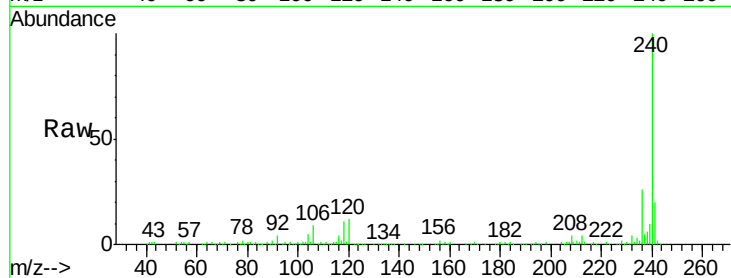
Tot Ion:240 Resp: 200651

Ion Ratio Lower Upper

240 100

120 12.3 5.6 8.4#

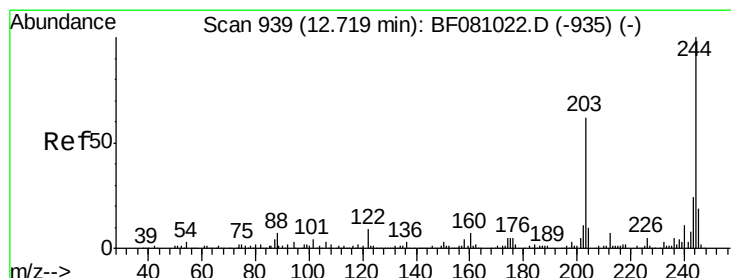
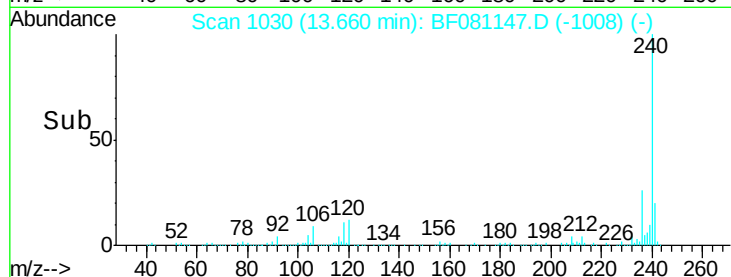
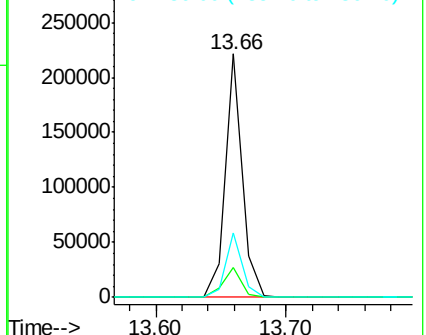
236 26.2 20.6 30.8



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: 70.84 ng

RT: 12.63 min Scan# 940

Delta R.T. -0.05 min

Lab File: BF081147.D

Acq: 21 Aug 2015 16:05

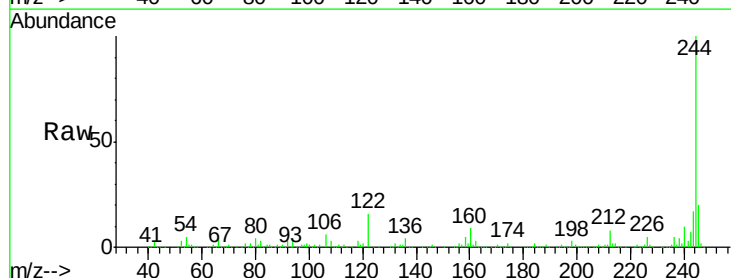
Tgt Ion:244 Resp: 663015

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

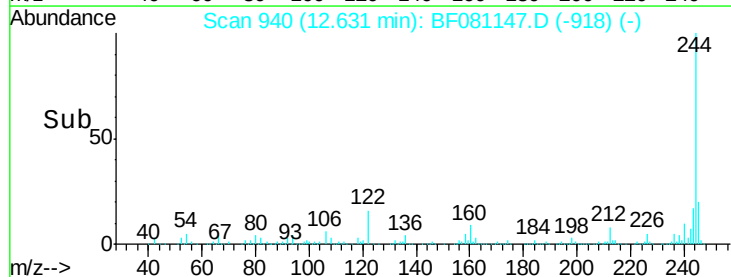
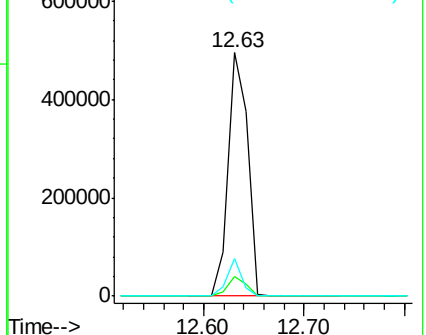
122 15.5 8.2 12.4#

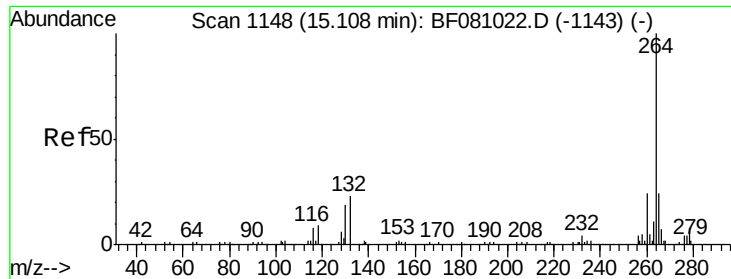


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

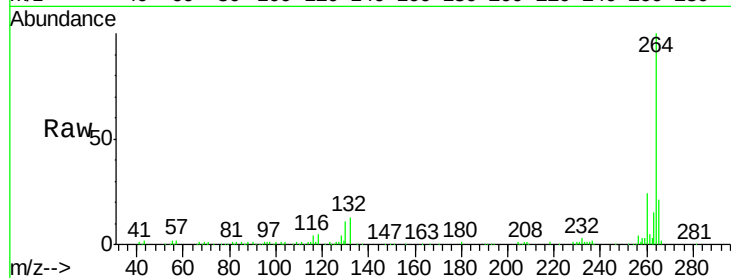




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF081147.D
Acq: 21 Aug 2015 16:05

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-SOURCE-1A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	20.7	17.5	26.3



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

