

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
 Data File : BF087392.D
 Acq On : 26 May 2016 3:03
 Operator : UM/SJ
 Sample : H3212-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE1-2

Quant Time: May 26 04:36:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

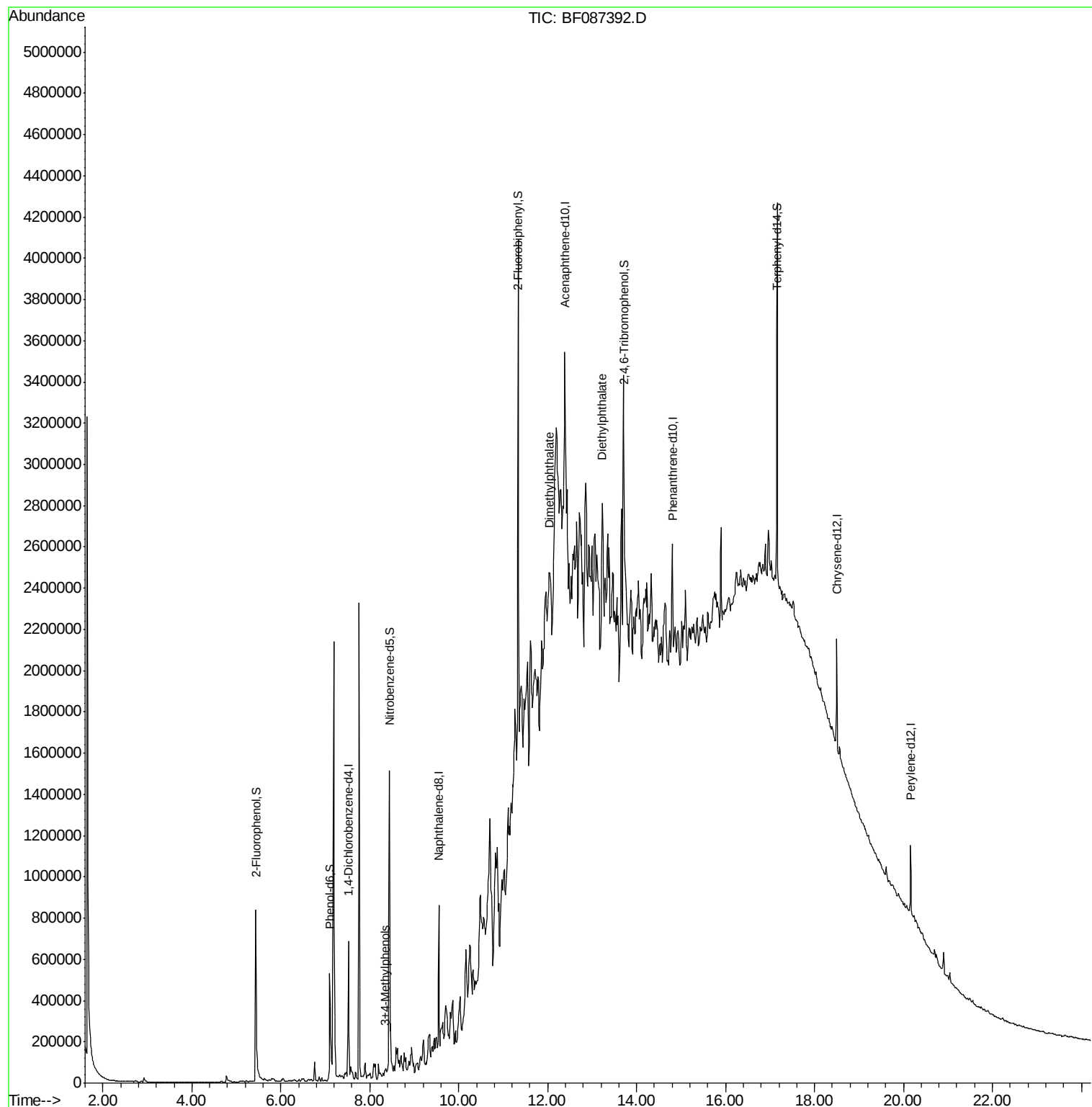
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	110490	20.00	ng	0.00
21) Naphthalene-d8	9.55	136	416785	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	158652	20.00	ng	0.00
63) Phenanthrene-d10	14.81	188	239657	20.00	ng	0.03
75) Chrysene-d12	18.50	240	215110	20.00	ng	0.02
86) Perylene-d12	20.16	264	152178	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	408554	64.97	ng	0.02
7) Phenol-d6	7.10	99	335061	39.44	ng	0.02
23) Nitrobenzene-d5	8.44	82	800832	96.84	ng	0.00
41) 2,4,6-Tribromophenol	13.71	330	197401	129.48	ng	0.03
44) 2-Fluorobiphenyl	11.34	172	1088880	96.76	ng	0.00
78) Terphenyl-d14	17.17	244	837595	82.78	ng	0.03
Target Compounds						
20) 3+4-Methylphenols	8.34	107	27342	3.60	ng	# 55
49) Dimethylphthalate	12.05	163	40245	3.17	ng	# 86
59) Diethylphthalate	13.22	149	59788	4.84	ng	# 57

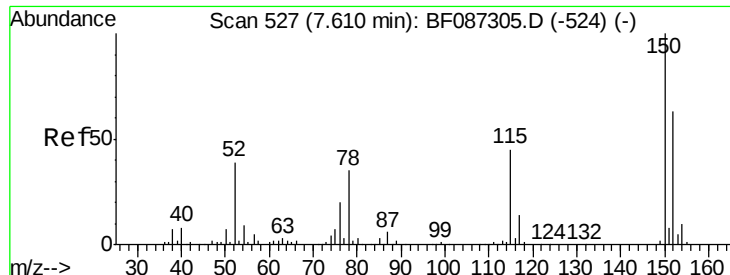
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF087392.D

Acq: 26 May 2016 3:03

Instrument :

BNA_F

ClientSampleId :

VE1-2

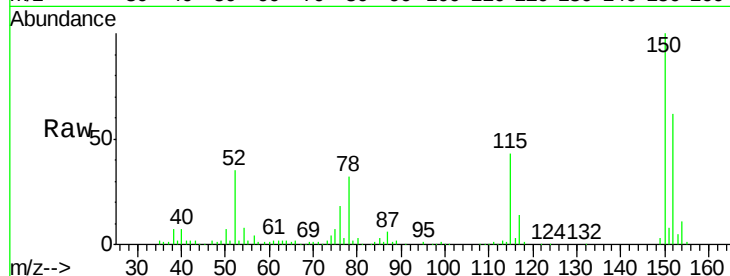
Tot Ion:152 Resp: 110490

Ion Ratio Lower Upper

152 100

150 160.3 125.8 188.6

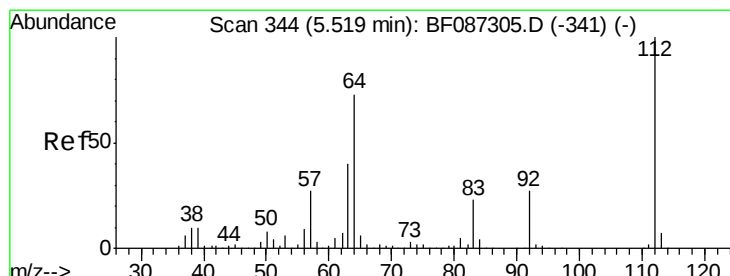
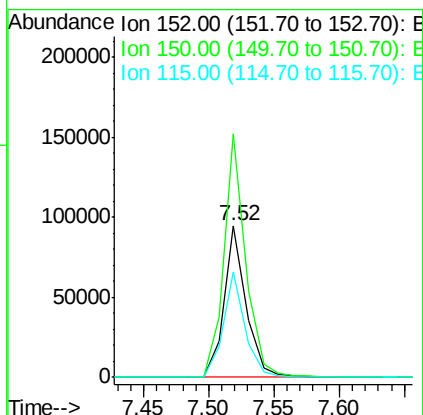
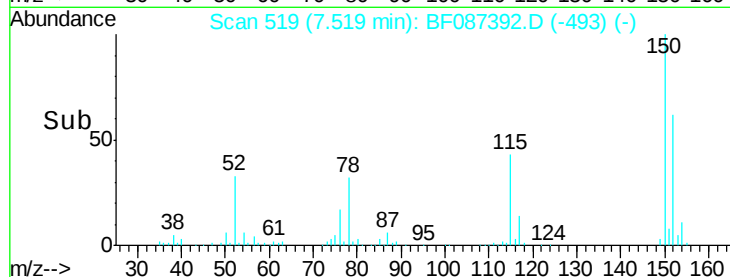
115 69.3 51.5 77.3



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: 64.97 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.02 min

Lab File: BF087392.D

Acq: 26 May 2016 3:03

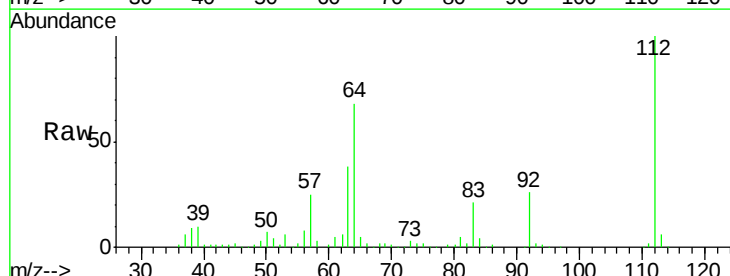
Tgt Ion:112 Resp: 408554

Ion Ratio Lower Upper

112 100

64 67.8 52.1 78.1

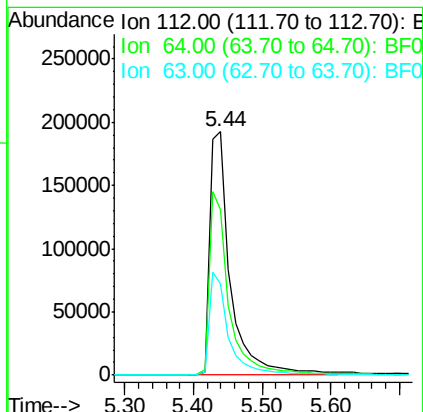
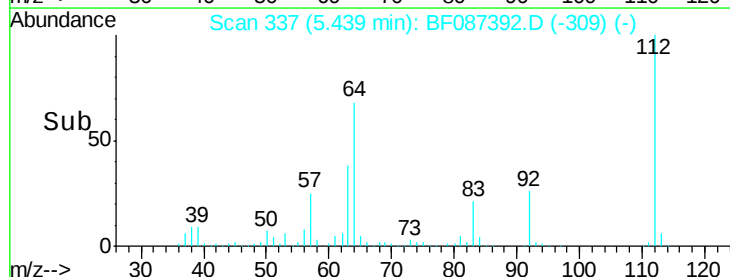
63 37.6 25.7 38.5



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: 39.44 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.02 min

Lab File: BF087392.D

Acq: 26 May 2016 3:03

Instrument :

BNA_F

ClientSampleId :

VE1-2

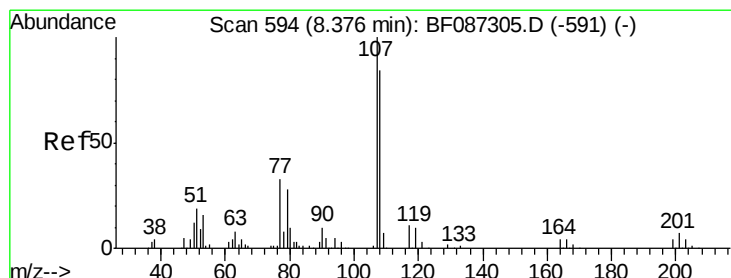
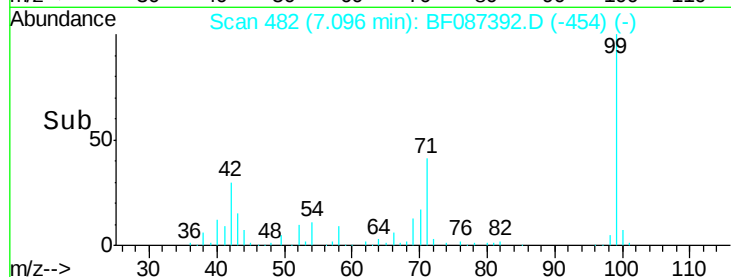
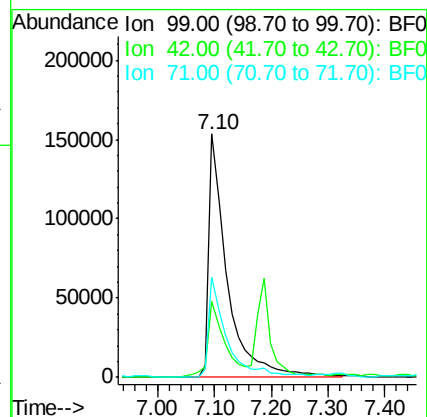
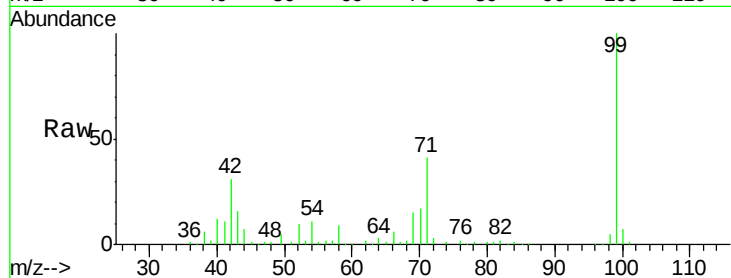
Tot Ion: 99 Resp: 335061

Ion Ratio Lower Upper

99 100

42 31.1 13.6 20.4#

71 41.1 24.6 36.8#



#20

3+4-Methylphenols

Concen: 3.60 ng

RT: 8.34 min Scan# 591

Delta R.T. 0.05 min

Lab File: BF087392.D

Acq: 26 May 2016 3:03

Tgt Ion: 107 Resp: 27342

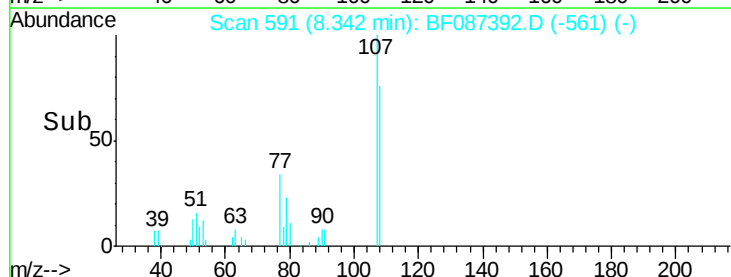
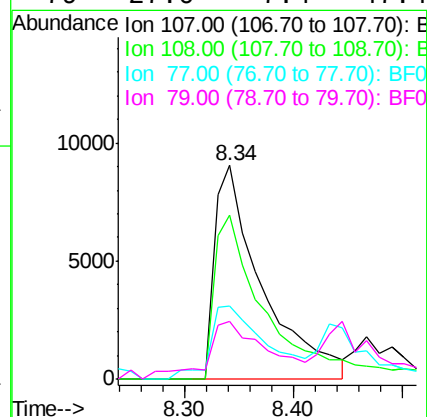
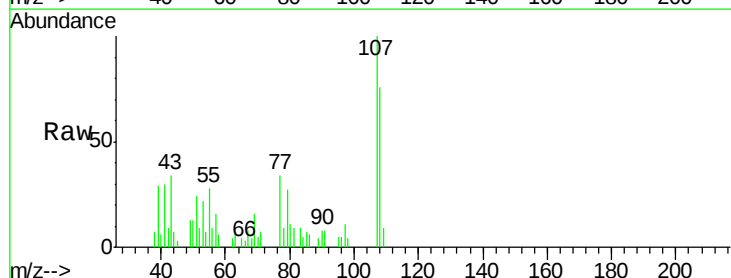
Ion Ratio Lower Upper

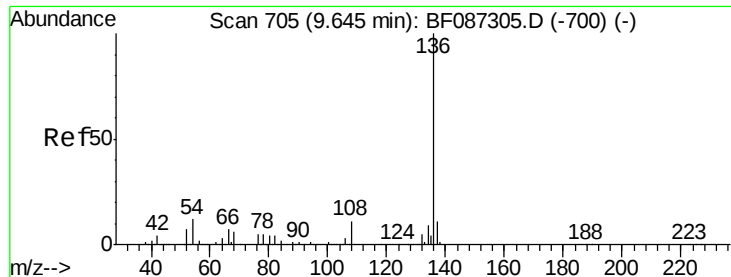
107 100

108 76.5 68.5 108.5

77 34.5 101.6 141.6#

79 27.0 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF087392.D

Acq: 26 May 2016 3:03

Instrument :

BNA_F

ClientSampleId :

VE1-2

Tot Ion:136 Resp: 416785

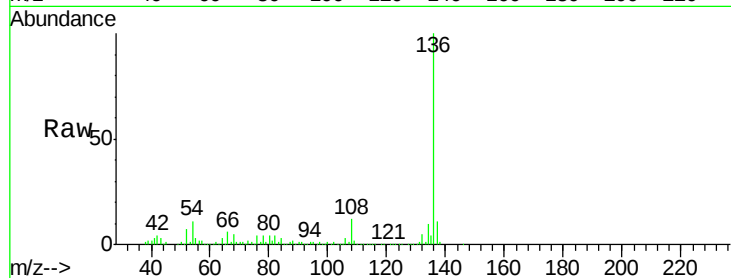
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 10.8 5.0 7.4#

68 5.5 4.4 6.6

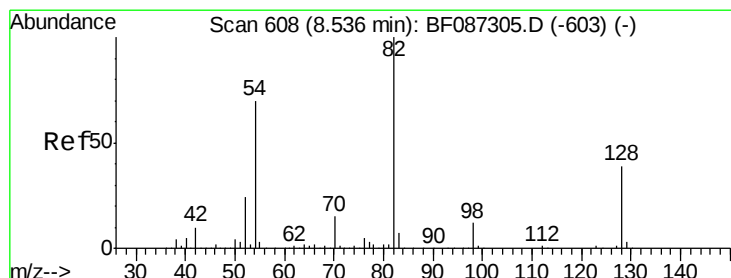
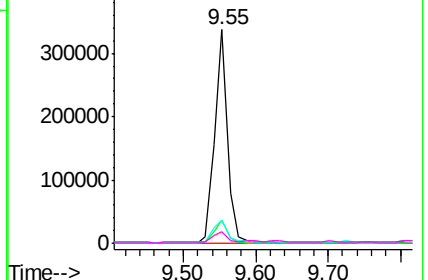
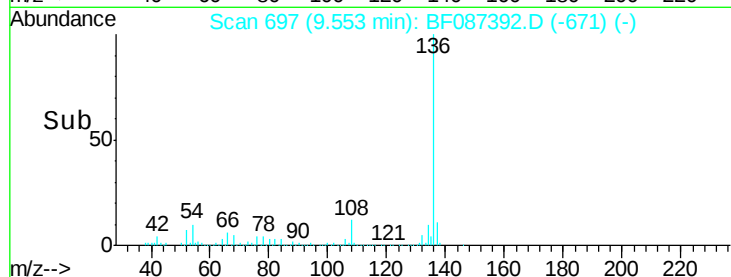


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.84 ng

RT: 8.44 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF087392.D

Acq: 26 May 2016 3:03

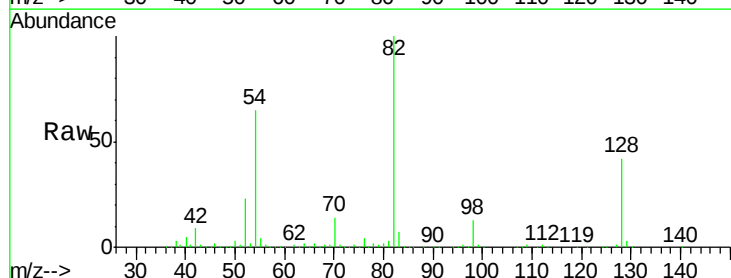
Tgt Ion: 82 Resp: 800832

Ion Ratio Lower Upper

82 100

128 42.4 40.6 61.0

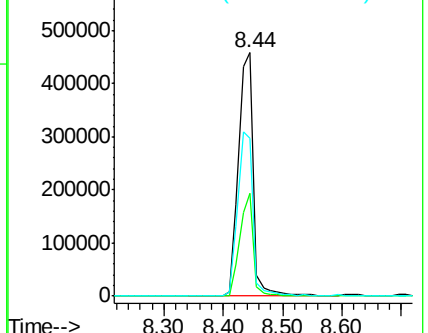
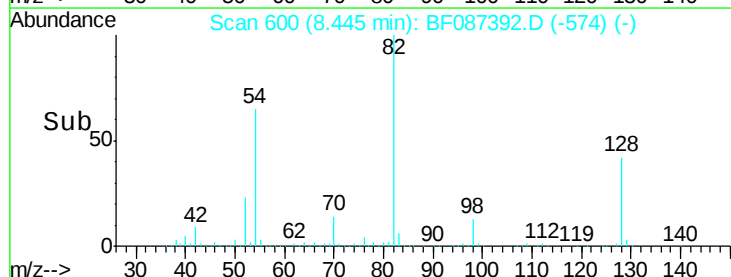
54 65.0 38.1 57.1#

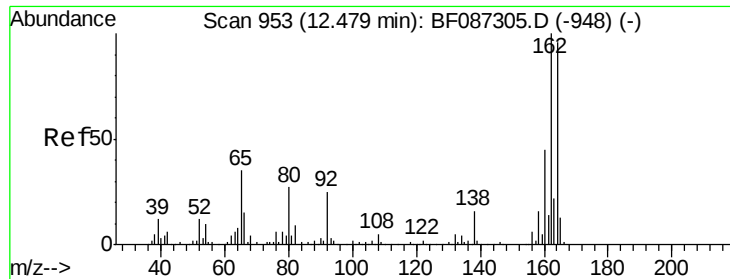


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

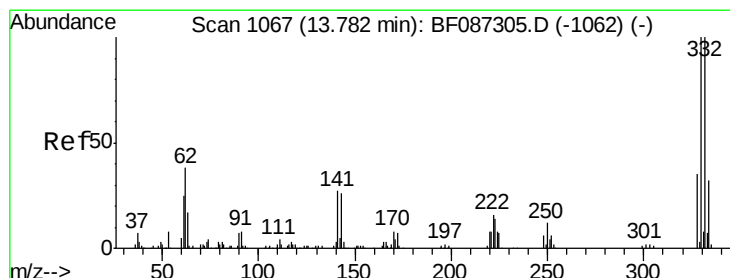
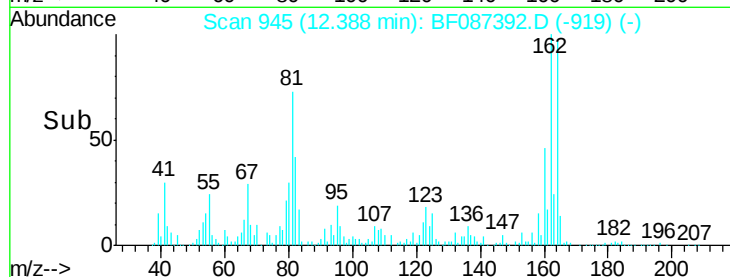
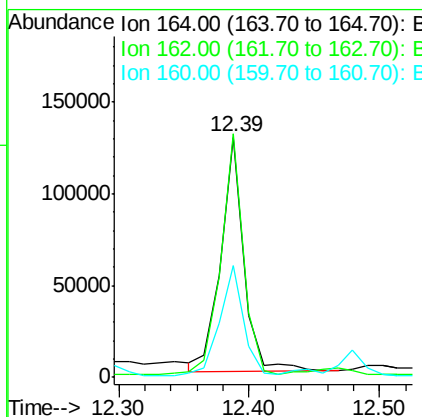
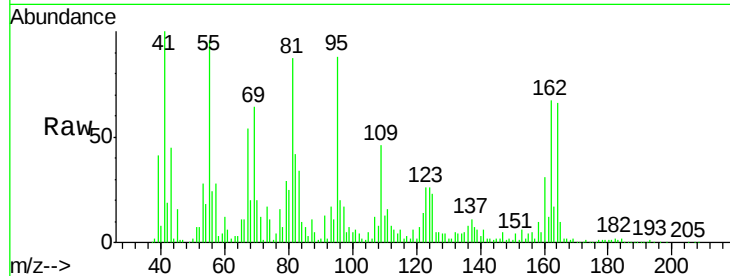




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF087392.D
Acq: 26 May 2016 3:03

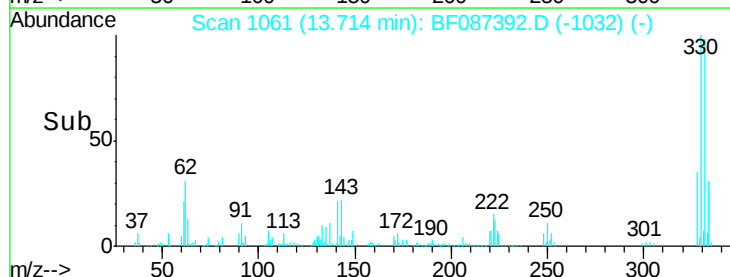
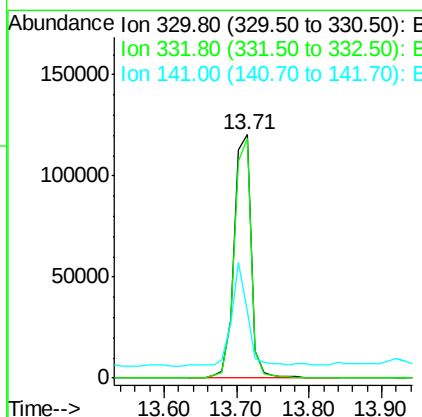
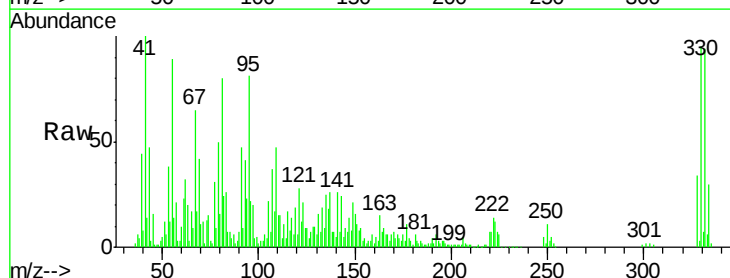
Instrument :
BNA_F
ClientSampleId :
VE1-2

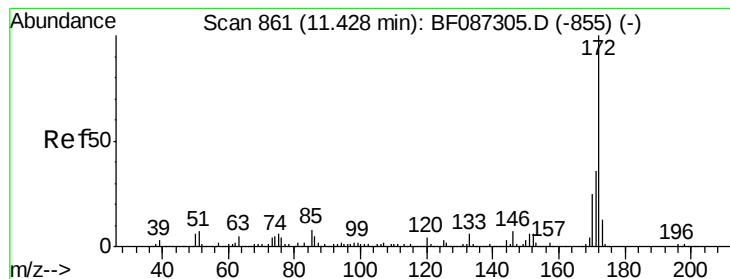
Tot Ion:164 Resp: 158652
Ion Ratio Lower Upper
164 100
162 101.5 82.8 124.2
160 46.6 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 129.48 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.03 min
Lab File: BF087392.D
Acq: 26 May 2016 3:03

Tgt Ion:330 Resp: 197401
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.4
141 41.6 31.2 46.8



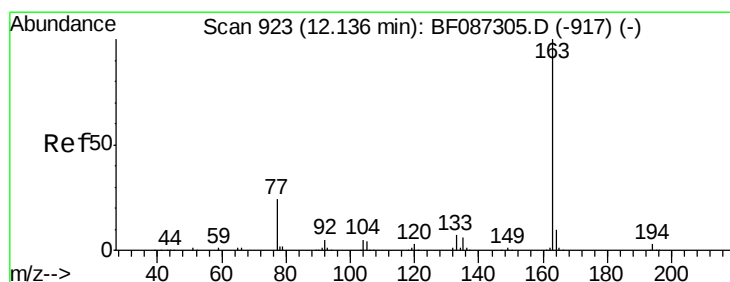
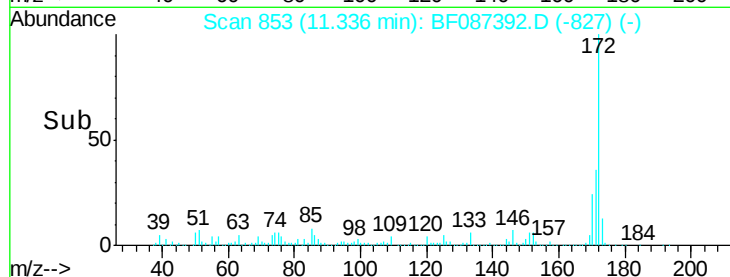
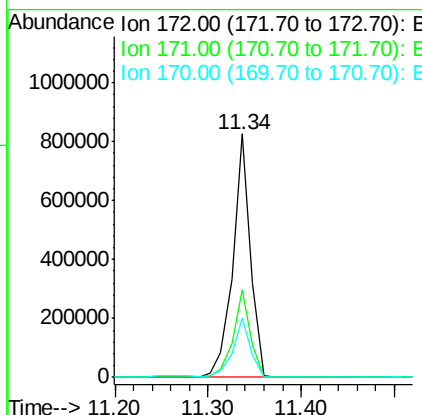
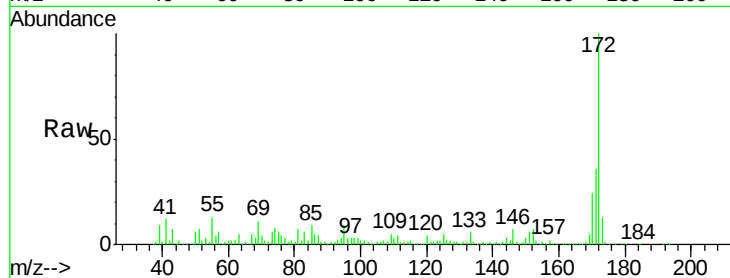


#44
 2-Fluorobiphenyl
 Concen: 96.76 ng
 RT: 11.34 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF087392.D
 Acq: 26 May 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 VE1-2

Tot Ion:172 Resp: 1088880

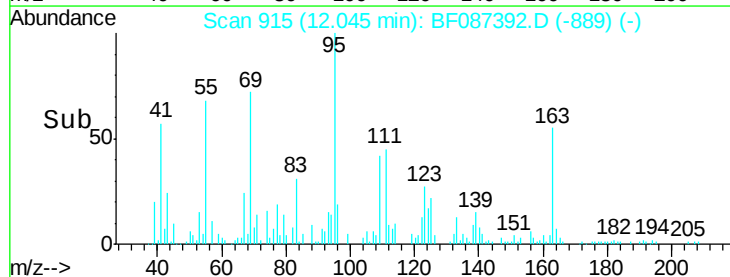
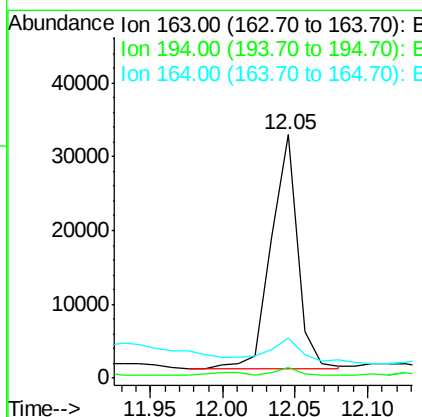
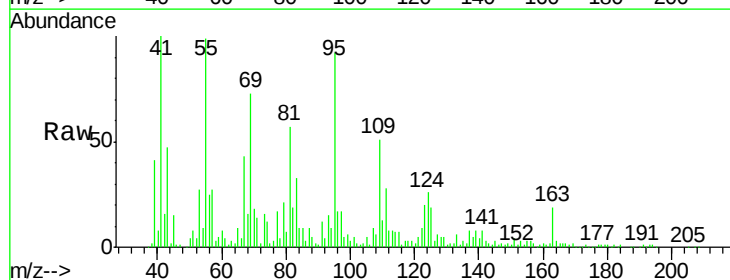
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.1	19.8	29.8

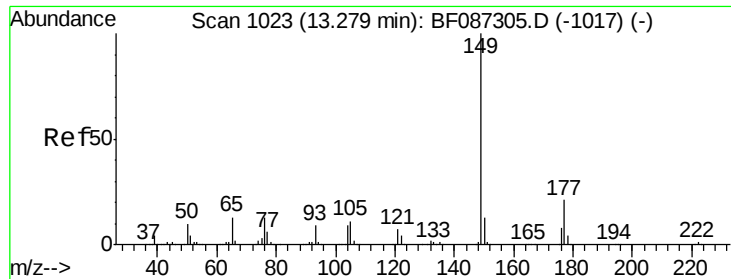


#49
 Dimethylphthalate
 Concen: 3.17 ng
 RT: 12.05 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: BF087392.D
 Acq: 26 May 2016 3:03

Tgt Ion:163 Resp: 40245

Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.6	4.0#
164	16.7	8.2	12.4#

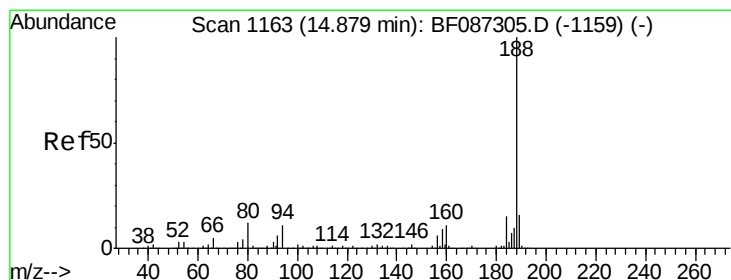
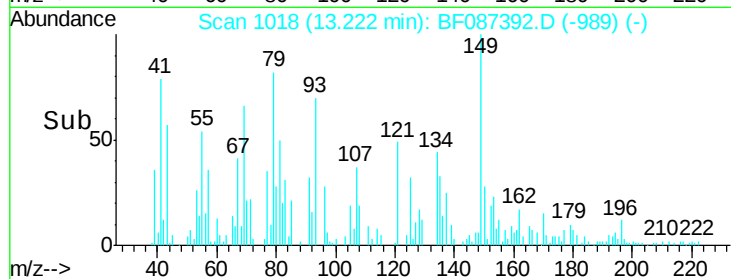
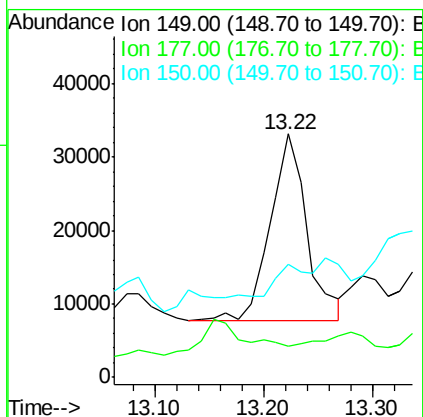
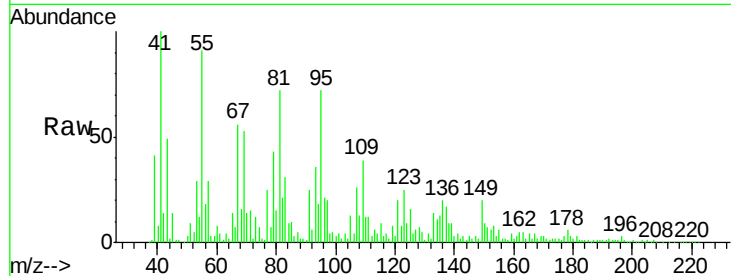




#59
Diethylphthalate
Concen: 4.84 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.03 min
Lab File: BF087392.D
Acq: 26 May 2016 3:03

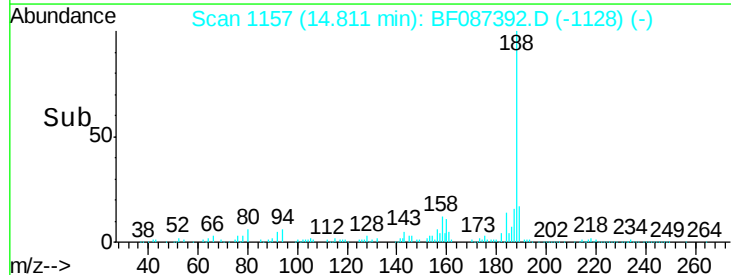
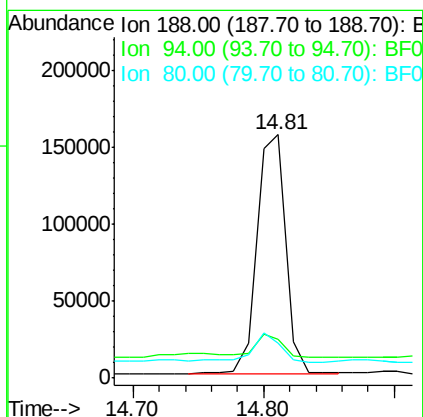
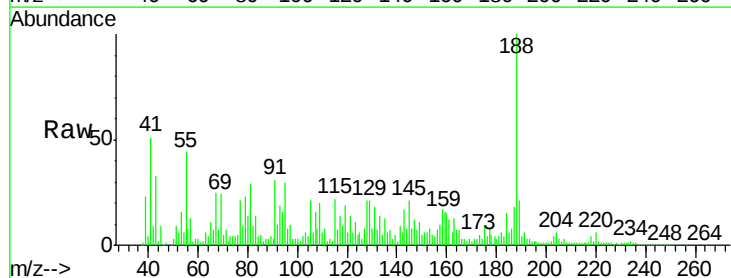
Instrument :
BNA_F
ClientSampled :
VE1-2

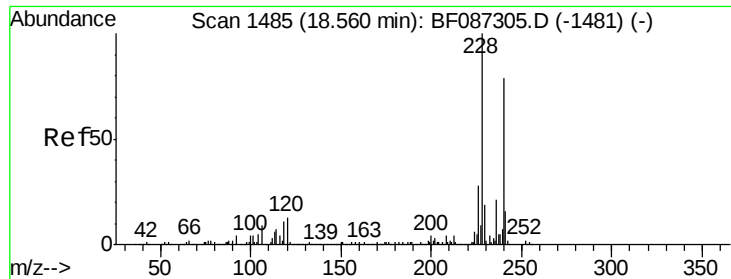
Tot Ion:149 Resp: 59788
Ion Ratio Lower Upper
149 100
177 12.9 16.6 24.8#
150 46.7 10.0 15.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 1157
Delta R.T. 0.03 min
Lab File: BF087392.D
Acq: 26 May 2016 3:03

Tgt Ion:188 Resp: 239657
Ion Ratio Lower Upper
188 100
94 16.0 6.8 10.2#
80 14.4 7.1 10.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.50 min Scan# 1480

Delta R.T. 0.02 min

Lab File: BF087392.D

Acq: 26 May 2016 3:03

Instrument :

BNA_F

ClientSampled :

VE1-2

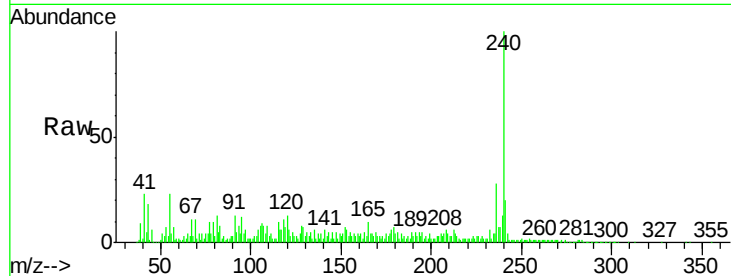
Tot Ion:240 Resp: 215110

Ion Ratio Lower Upper

240 100

120 12.6 11.2 16.8

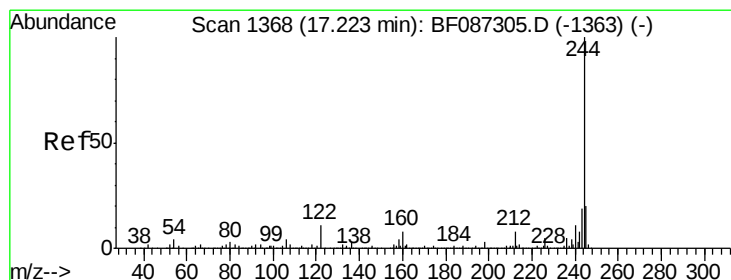
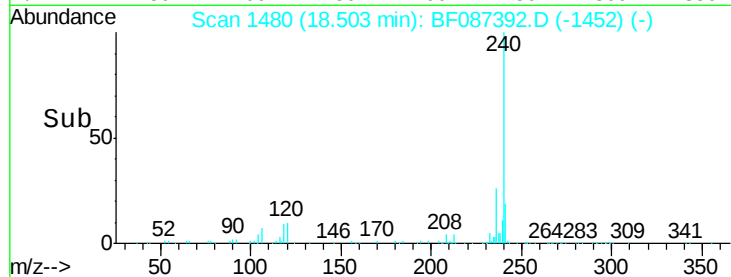
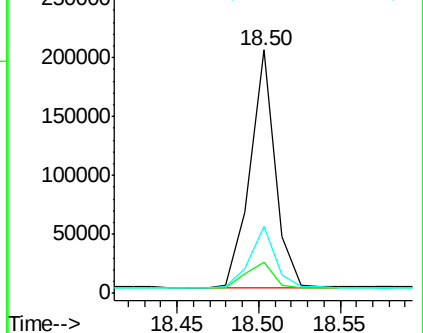
236 27.7 21.2 31.8



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: 82.78 ng

RT: 17.17 min Scan# 1363

Delta R.T. 0.03 min

Lab File: BF087392.D

Acq: 26 May 2016 3:03

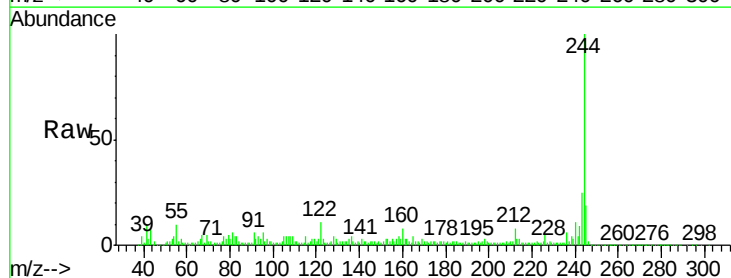
Tgt Ion:244 Resp: 837595

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

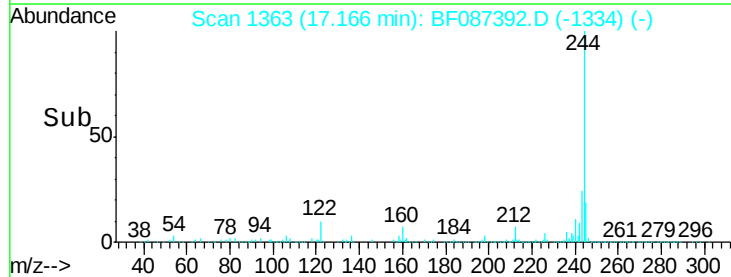
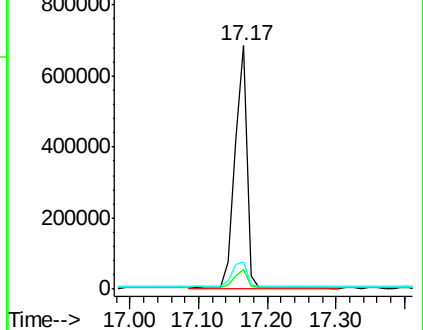
122 11.0 12.0 18.0#

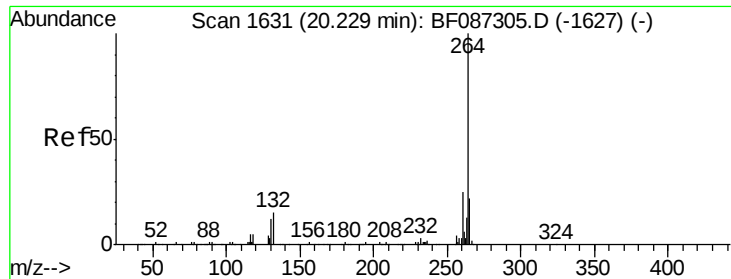


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

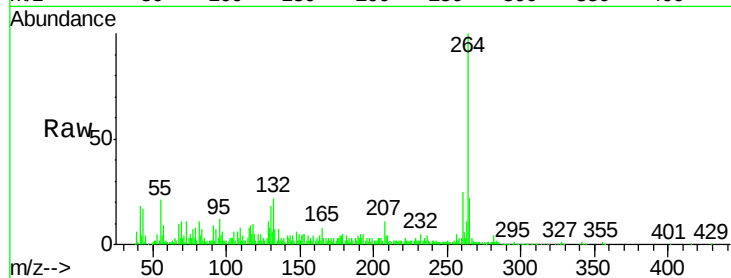




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.16 min Scan# 1625
 Delta R.T. 0.02 min
 Lab File: BF087392.D
 Acq: 26 May 2016 3:03

Instrument :
 BNA_F
 ClientSampleId :
 VE1-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.1	17.3	25.9



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

