

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061816\
 Data File : BF088132.D
 Acq On : 18 Jun 2016 14:16
 Operator : UM/SJ
 Sample : H3501-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS5-0-6

Quant Time: Jun 20 04:46:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

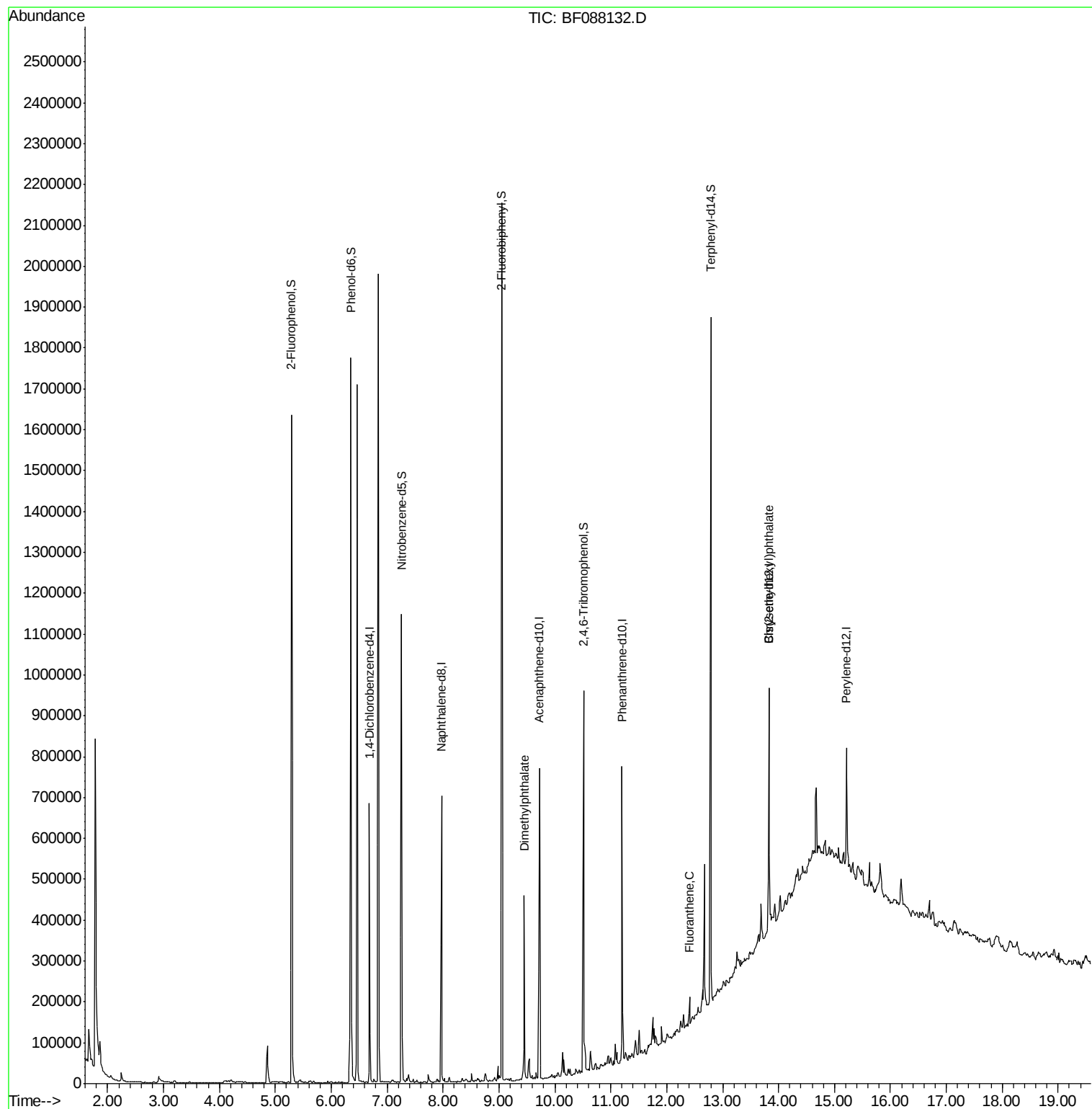
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	99329	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	376917	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	155737	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	242000	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	192253	20.00	ng	-0.02
86) Perylene-d12	15.21	264	148397	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	607882	104.62	ng	0.01
7) Phenol-d6	6.35	99	750481	106.58	ng	0.00
23) Nitrobenzene-d5	7.26	82	392013	60.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	123358	75.02	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	745472	74.51	ng	-0.02
78) Terphenyl-d14	12.79	244	591821	70.05	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.45	163	173487	15.38	ng	99
74) Fluoranthene	12.41	202	27928	2.08	ng	95
83) Bis(2-ethylhexyl)phthalate	13.83	149	29589	3.85	ng	# 96

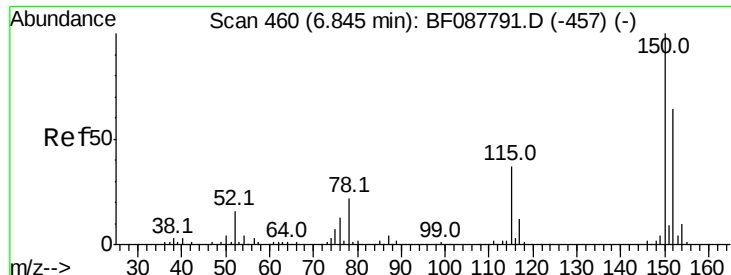
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

Instrument :

BNA_F

ClientSampleId :

SS5-0-6

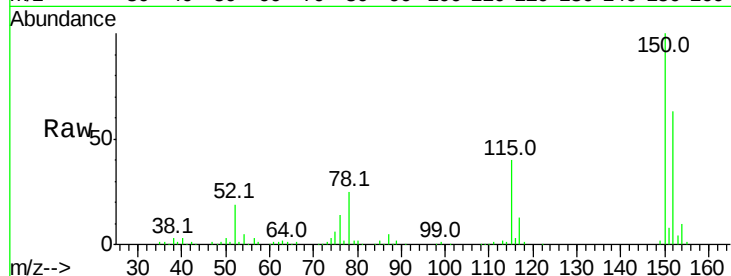
Tot Ion:152 Resp: 99329

Ion Ratio Lower Upper

152 100

150 157.6 123.8 185.6

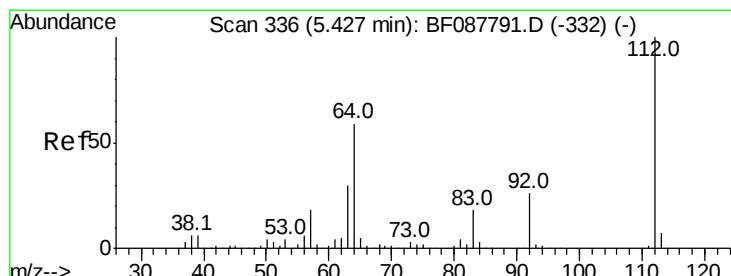
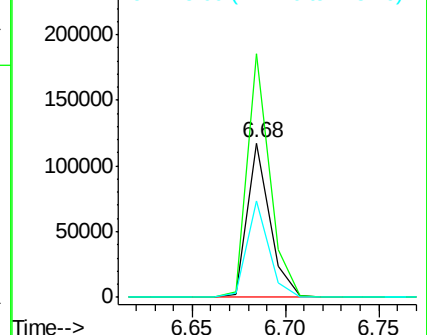
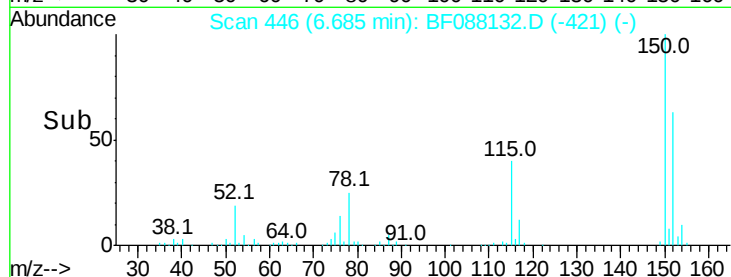
115 62.7 39.6 59.4#



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: 104.62 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

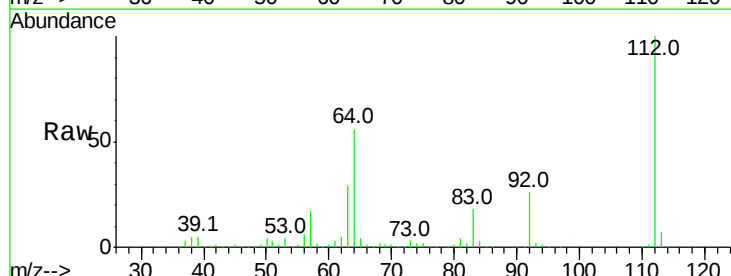
Tgt Ion:112 Resp: 607882

Ion Ratio Lower Upper

112 100

64 56.4 42.2 63.2

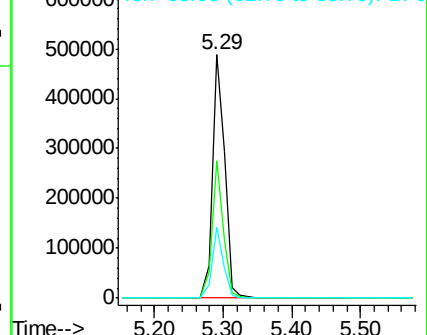
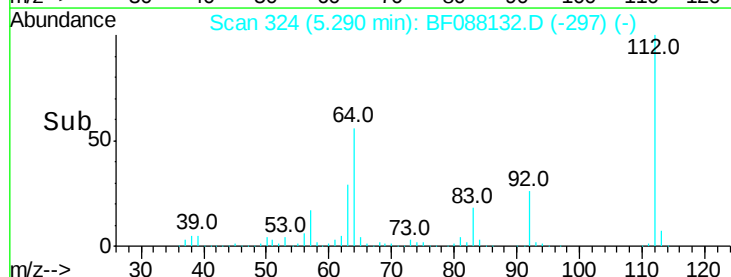
63 29.2 21.8 32.8



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: 106.58 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

Instrument :

BNA_F

ClientSampleId :

SS5-0-6

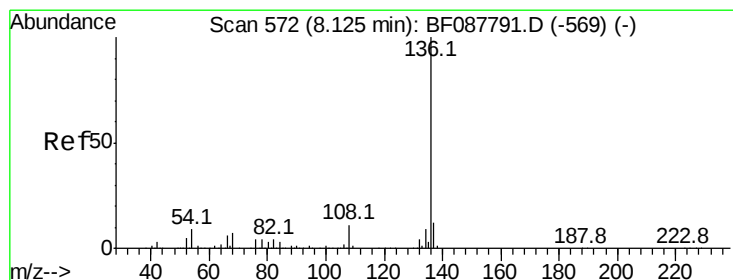
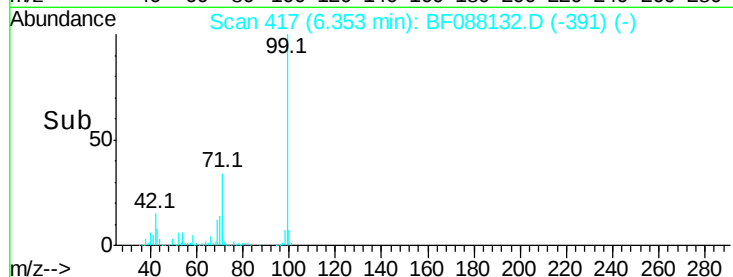
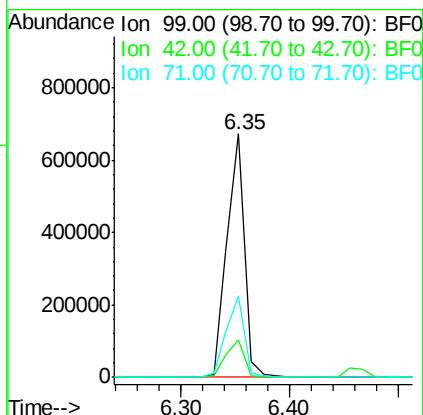
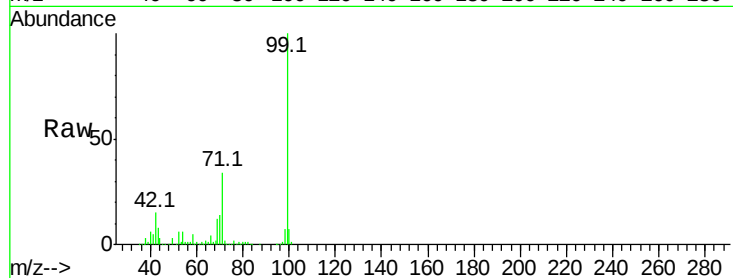
Tot Ion: 99 Resp: 750481

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.2

71 33.5 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

Tgt Ion: 136 Resp: 376917

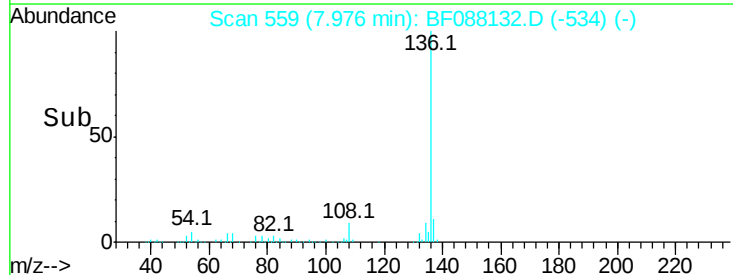
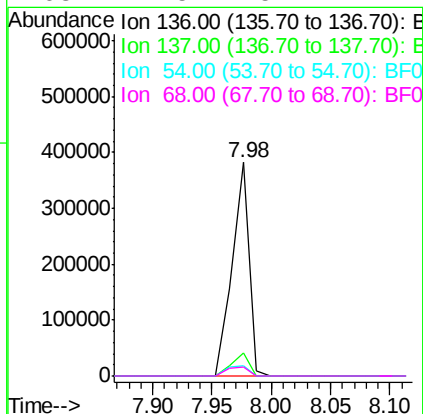
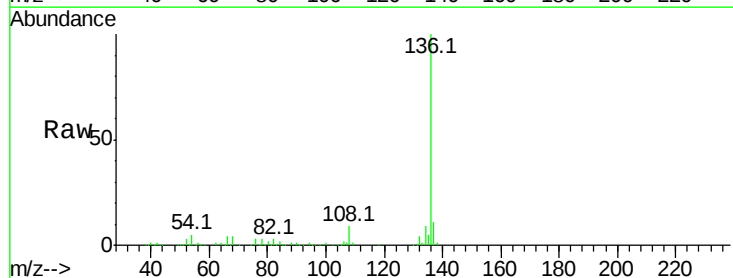
Ion Ratio Lower Upper

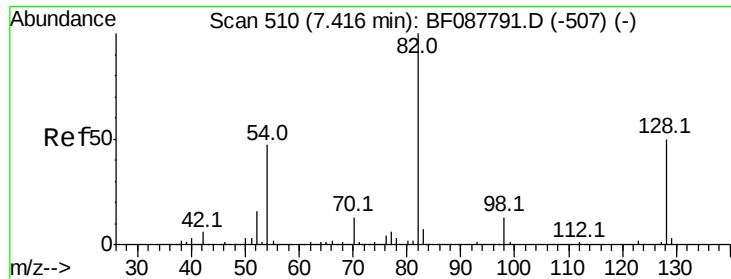
136 100

137 10.7 9.1 13.7

54 5.1 6.6 10.0#

68 4.5 5.1 7.7#

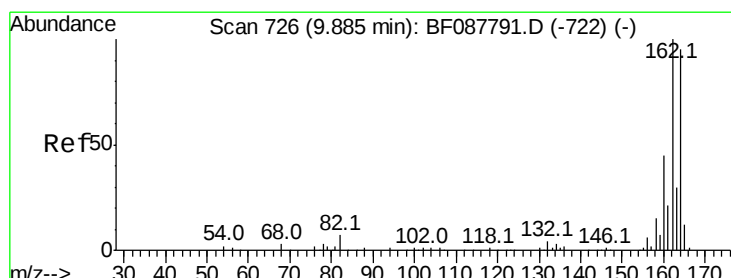
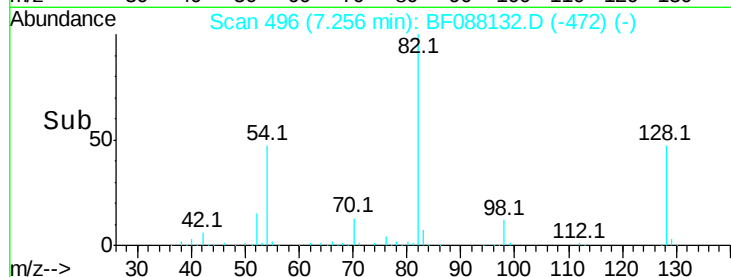
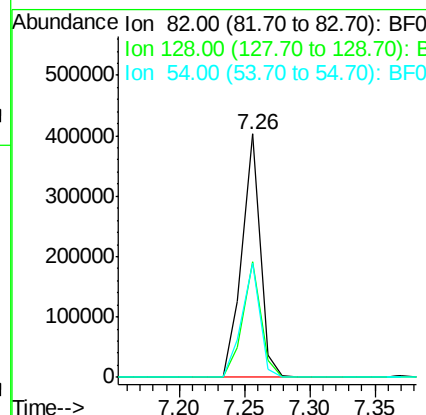
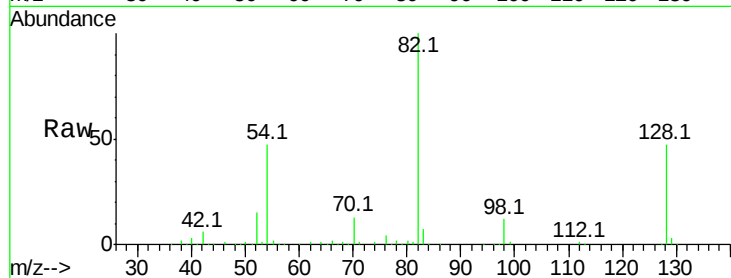




#23
 Nitrobenzene-d5
 Concen: 60.73 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF088132.D
 Acq: 18 Jun 2016 14:16

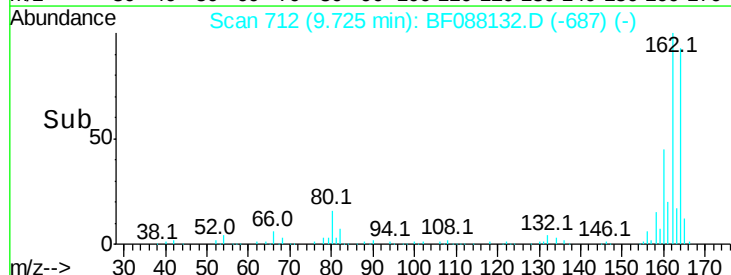
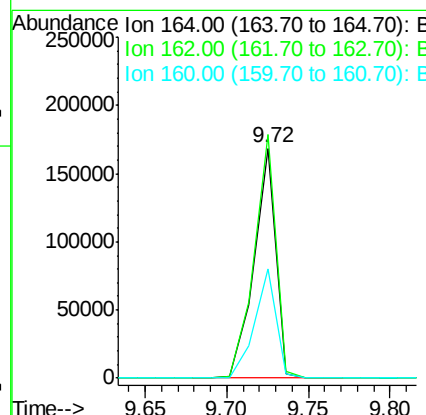
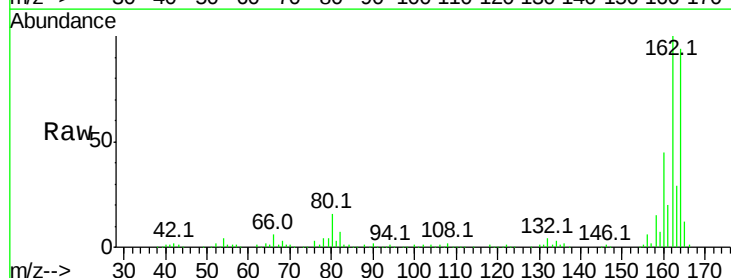
Instrument :
 BNA_F
 ClientSampleId :
 SS5-0-6

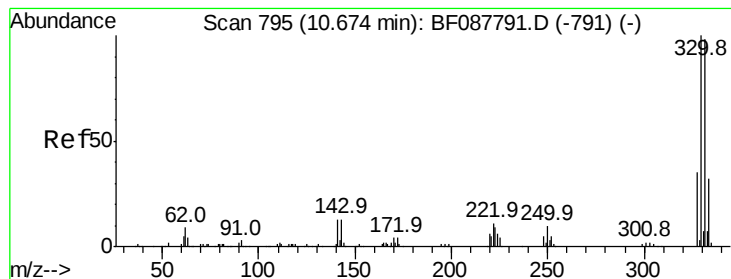
Tot Ion: 82 Resp: 392013
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.9 53.9
 54 47.0 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BF088132.D
 Acq: 18 Jun 2016 14:16

Tgt Ion:164 Resp: 155737
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.4 128.2
 160 47.7 39.5 59.3





#41

2,4,6-Tribromophenol

Concen: 75.02 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

Instrument :

BNA_F

ClientSampleId :

SS5-0-6

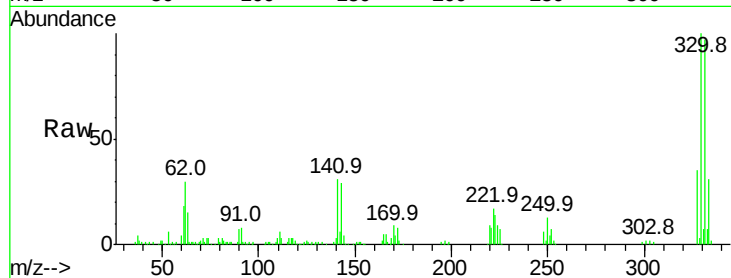
Tot Ion:330 Resp: 123358

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

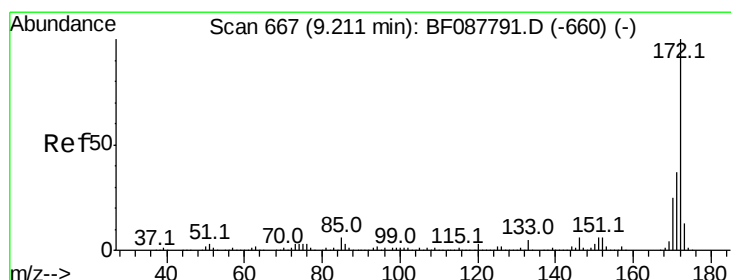
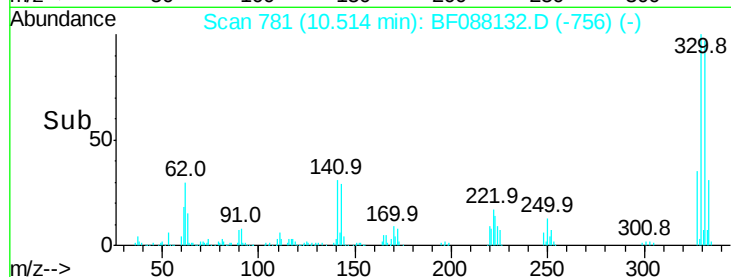
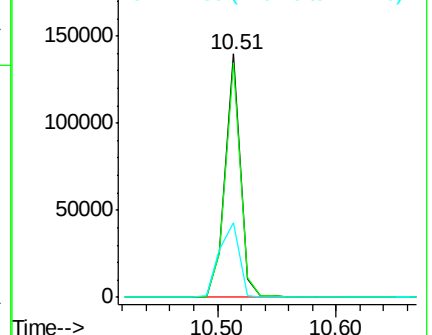
141 41.0 0.0 0.0#



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: 74.51 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

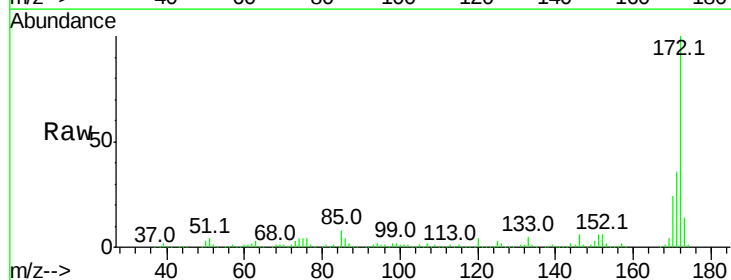
Tgt Ion:172 Resp: 745472

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

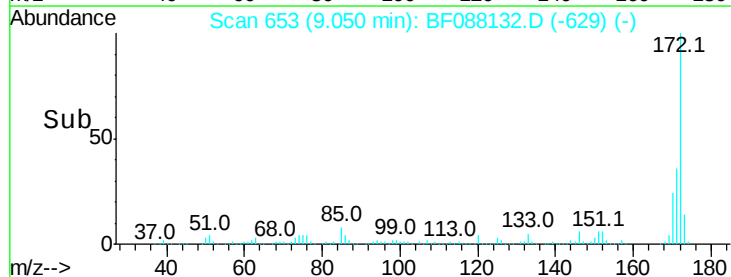
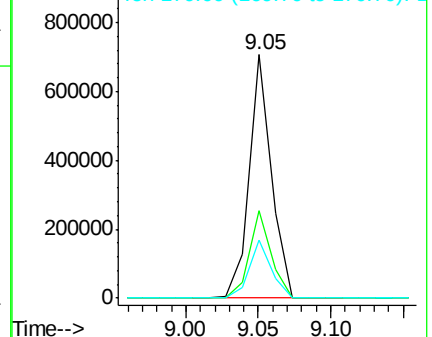
170 24.0 19.2 28.8

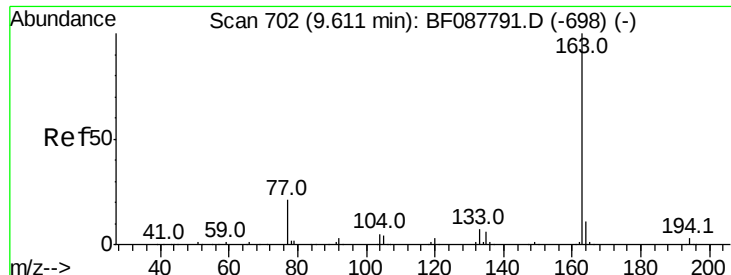


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 15.38 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

Instrument :

BNA_F

ClientSampleId :

SS5-0-6

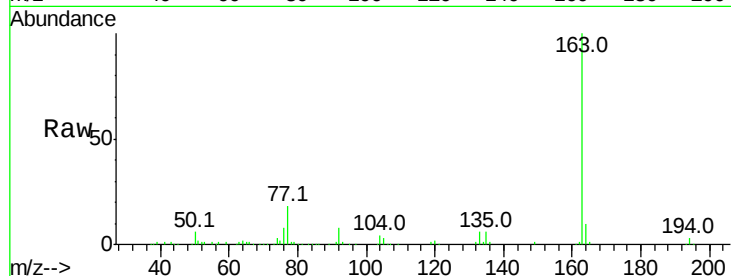
Tot Ion:163 Resp: 173487

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

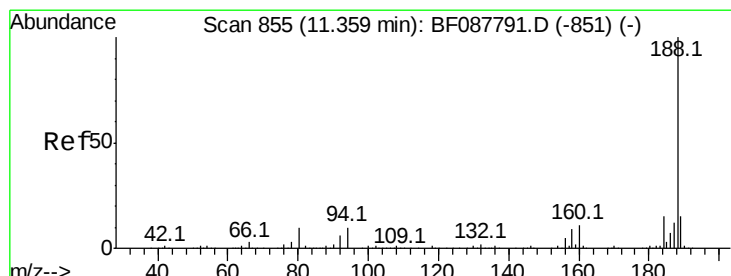
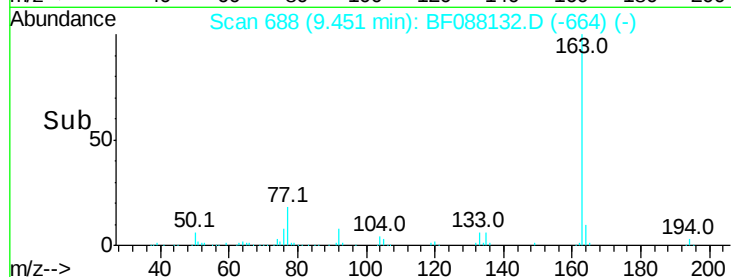
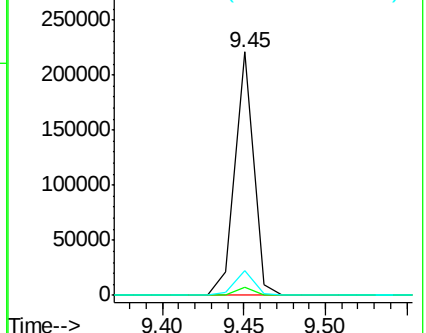
164 10.0 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.01 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

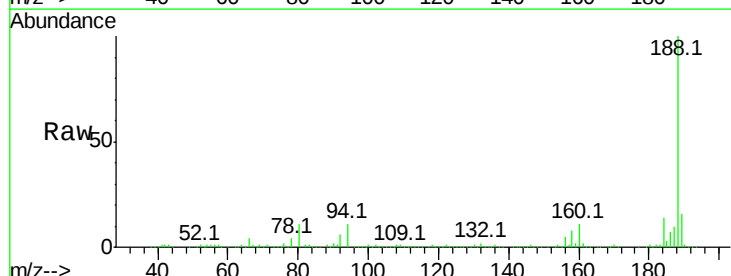
Tgt Ion:188 Resp: 242000

Ion Ratio Lower Upper

188 100

94 10.9 9.0 13.6

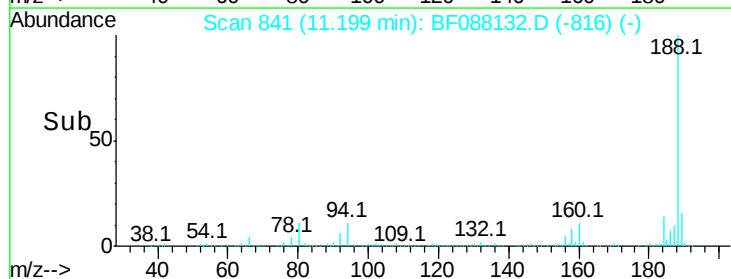
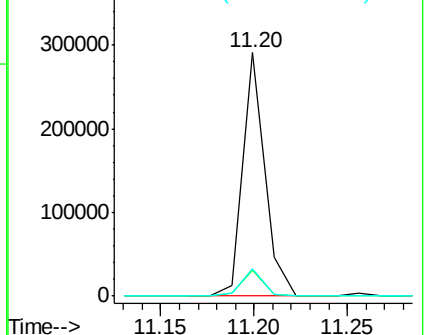
80 11.2 10.0 15.0

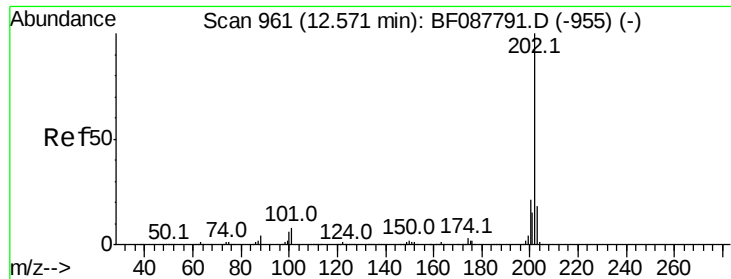


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.08 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

Instrument :

BNA_F

ClientSampleId :

SS5-0-6

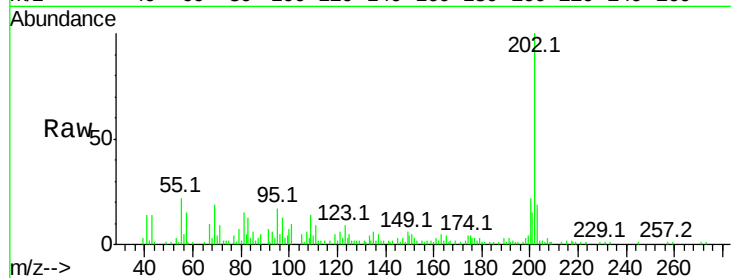
Tot Ion:202 Resp: 27928

Ion Ratio Lower Upper

202 100

101 10.2 0.0 33.1

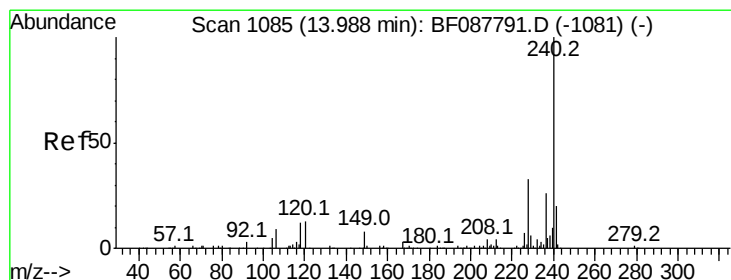
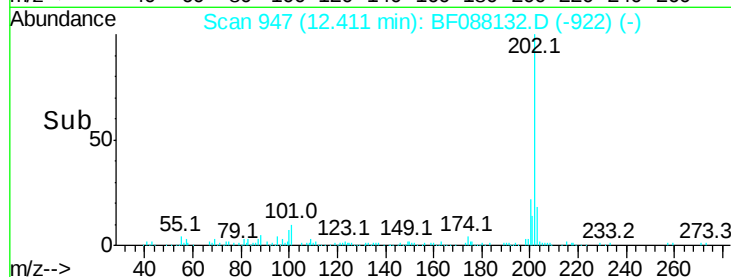
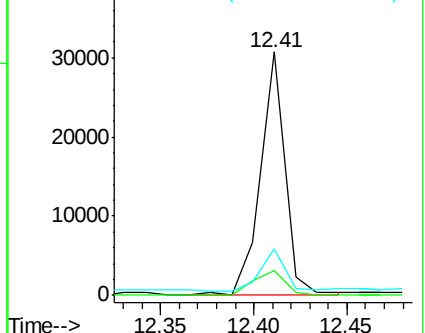
203 19.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

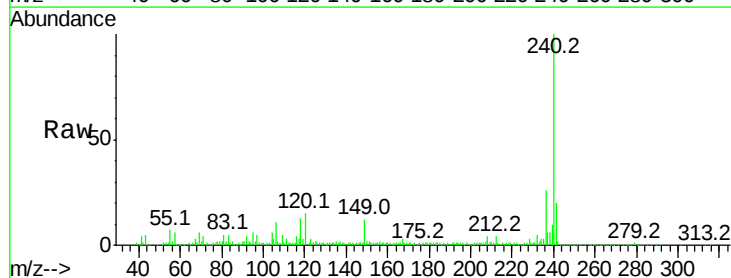
Tgt Ion:240 Resp: 192253

Ion Ratio Lower Upper

240 100

120 15.4 6.8 10.2#

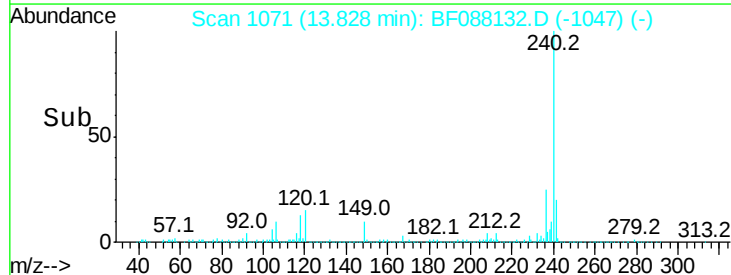
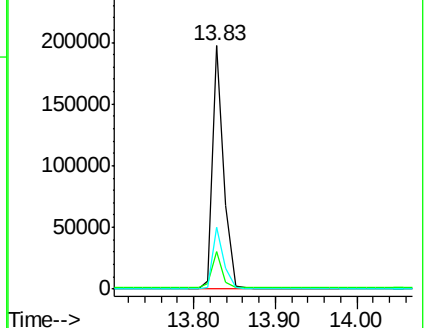
236 25.6 20.2 30.2

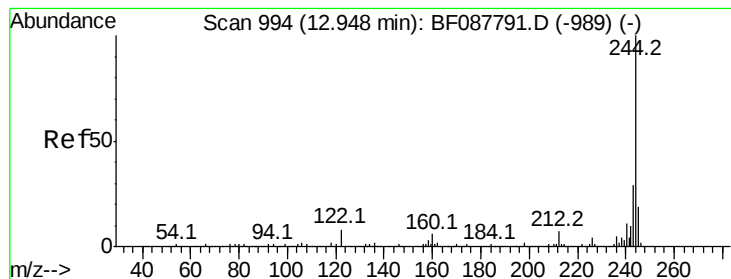


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.05 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

Instrument :

BNA_F

ClientSampleId :

SS5-0-6

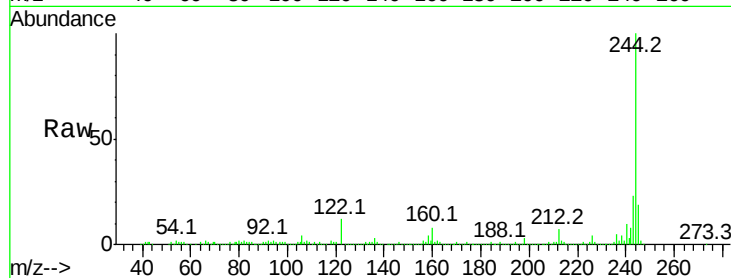
Tot Ion:244 Resp: 591821

Ion Ratio Lower Upper

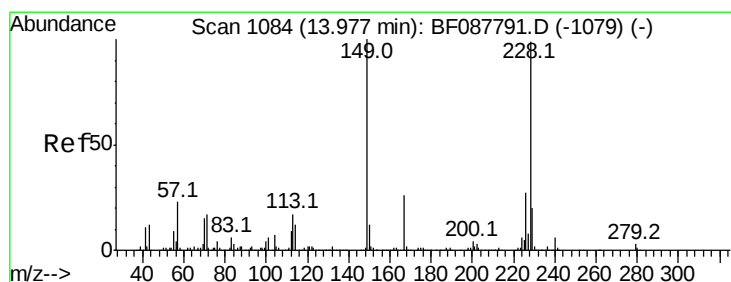
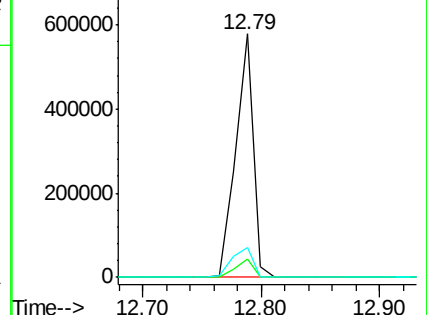
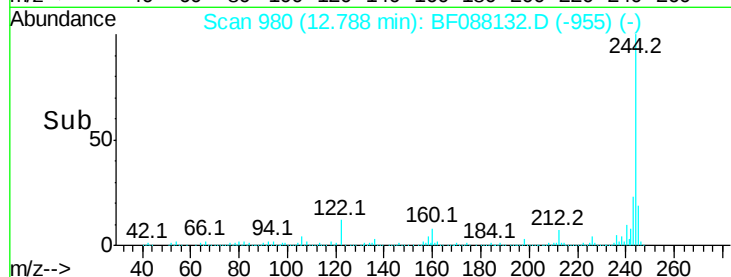
244 100

212 7.4 6.0 9.0

122 12.1 11.2 16.8



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.85 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088132.D

Acq: 18 Jun 2016 14:16

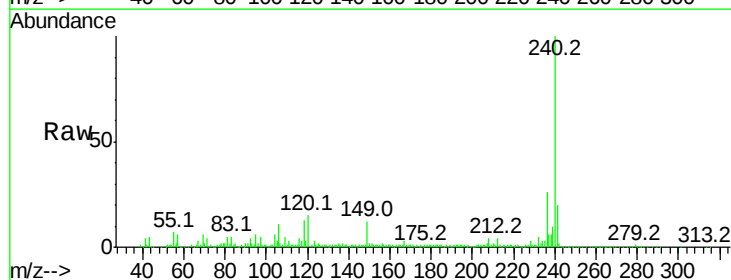
Tgt Ion:149 Resp: 29589

Ion Ratio Lower Upper

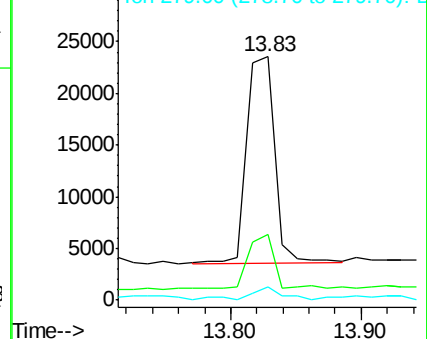
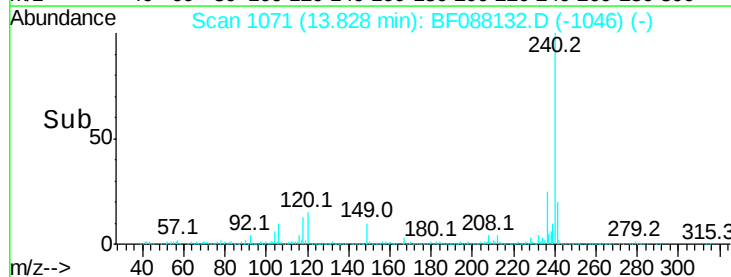
149 100

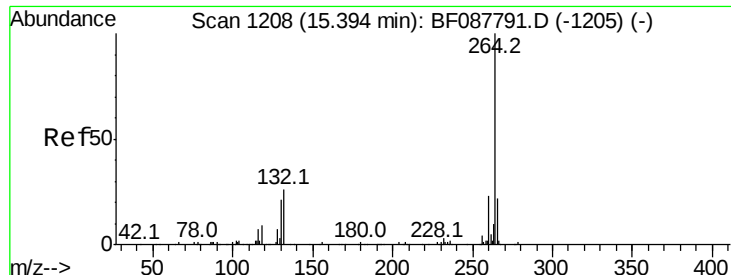
167 27.2 20.5 30.7

279 5.6 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

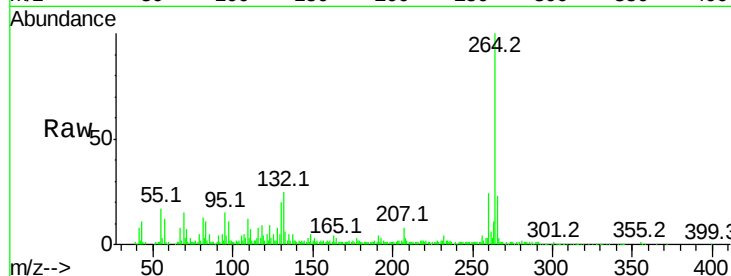




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF088132.D
Acq: 18 Jun 2016 14:16

Instrument :
BNA_F
ClientSampleId :
SS5-0-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.6	16.9	25.3



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

