

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088290.D
 Acq On : 23 Jun 2016 12:18
 Operator : UM/SJ
 Sample : H3084-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW007-160512

Quant Time: Jun 23 14:34:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

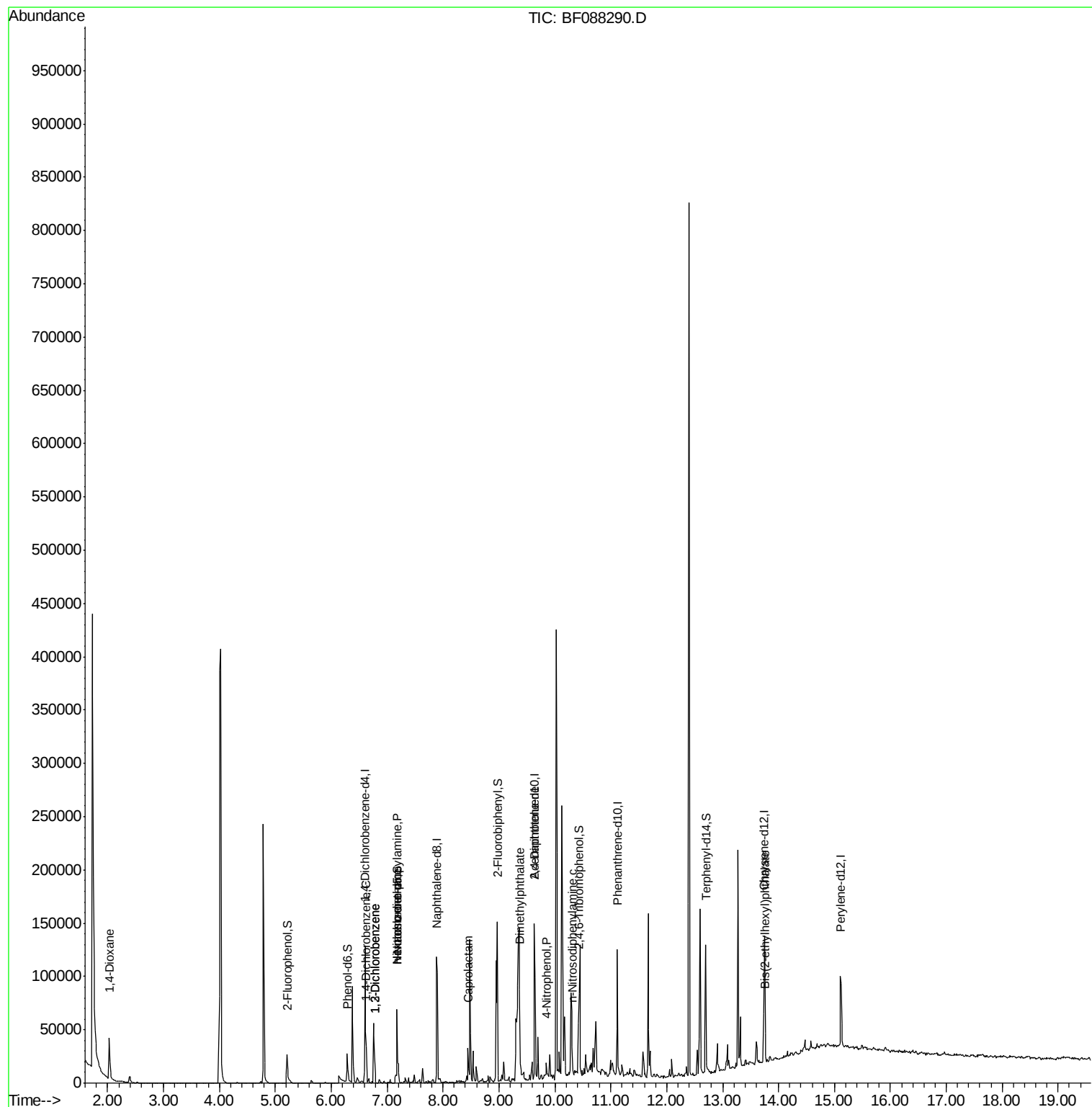
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	19947	5.00	ng	0.00
21) Naphthalene-d8	7.90	136	74547	5.00	ng	0.00
38) Acenaphthene-d10	9.63	164	32483	5.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	47338	5.00	ng	0.00
75) Chrysene-d12	13.75	240	43396	5.00	ng	0.00
86) Perylene-d12	15.11	264	34003	5.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	18025	3.86	ng	0.03
7) Phenol-d6	6.28	99	16057	2.84	ng	0.02
23) Nitrobenzene-d5	7.18	82	22735	4.45	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	8204	5.98	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	50241	5.02	ng	0.00
78) Terphenyl-d14	12.70	244	36626	4.80	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.03	88	25443	11.22	ng	Qvalue # 37
13) 1,4-Dichlorobenzene	6.63	146	14814	2.48	ng	94
49) Dimethylphthalate	9.37	163	24637	2.62	ng	99

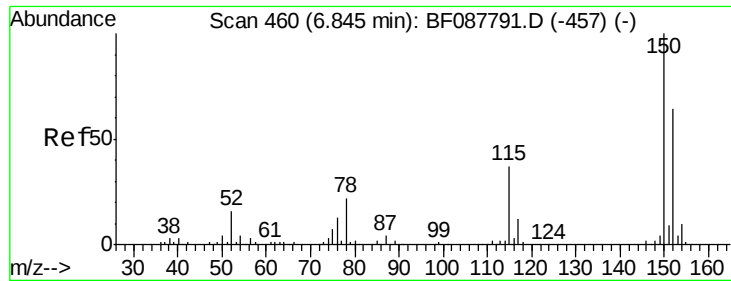
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.00 min

Lab File: BF088290.D

Acq: 23 Jun 2016 12:18

Instrument :

BNA_F

ClientSampleId :

SS043MW007-160512

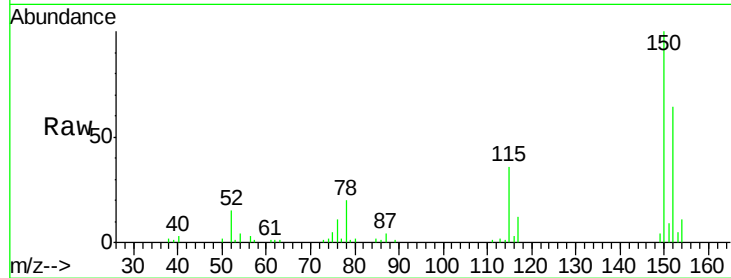
Tot Ion:152 Resp: 19947

Ion Ratio Lower Upper

152 100

150 155.8 123.8 185.6

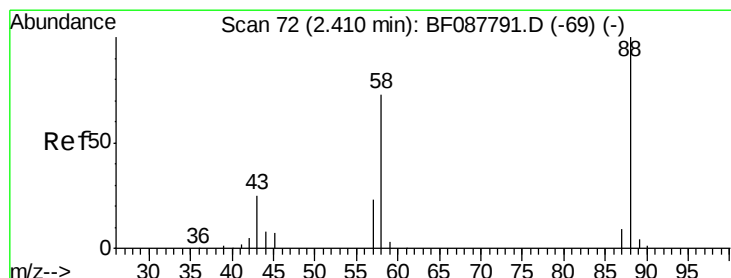
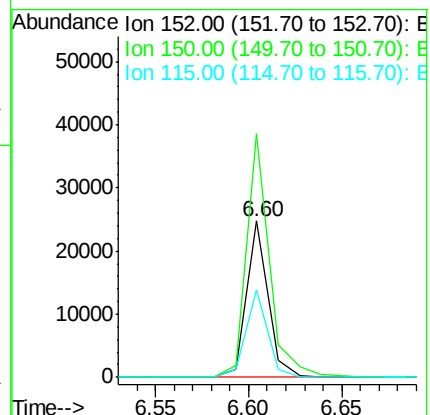
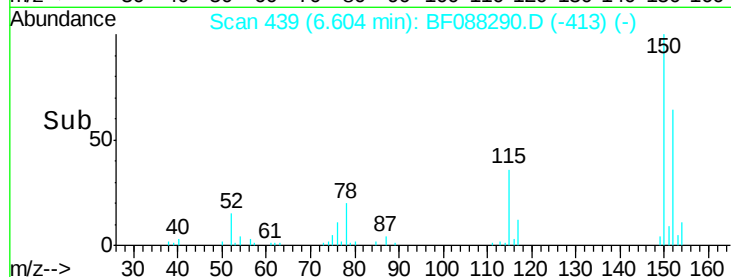
115 55.6 39.6 59.4



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



#2

1,4-Dioxane

Concen: 11.22 ng

RT: 2.03 min Scan# 39

Delta R.T. 0.01 min

Lab File: BF088290.D

Acq: 23 Jun 2016 12:18

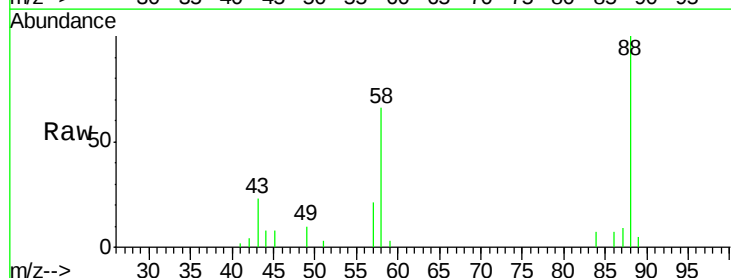
Tgt Ion: 88 Resp: 25443

Ion Ratio Lower Upper

88 100

58 70.0 0.0 0.0#

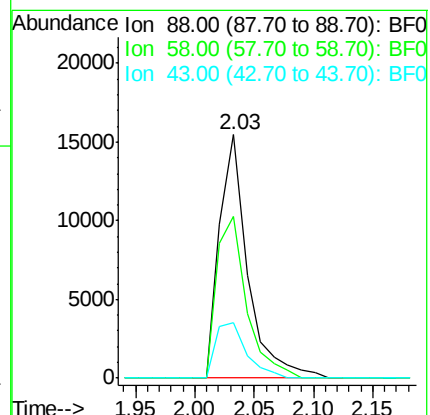
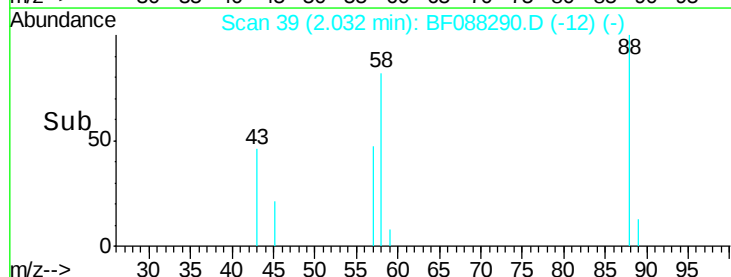
43 25.0 3.4 5.2#

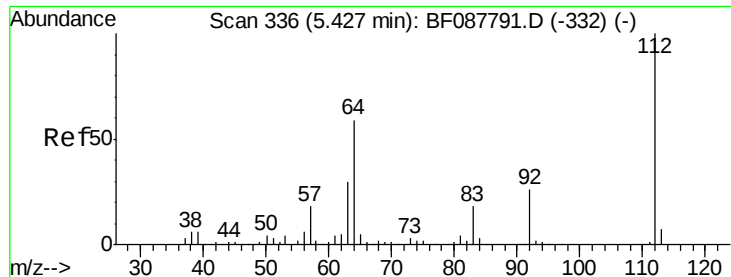


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 3.86 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.03 min

Lab File: BF088290.D

Acq: 23 Jun 2016 12:18

Instrument :

BNA_F

ClientSampleId :

SS043MW007-160512

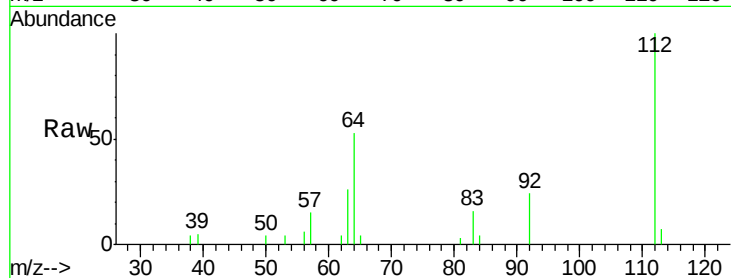
Tot Ion:112 Resp: 18025

Ion Ratio Lower Upper

112 100

64 53.1 42.2 63.2

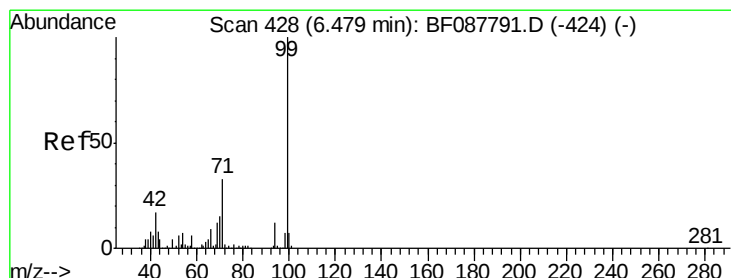
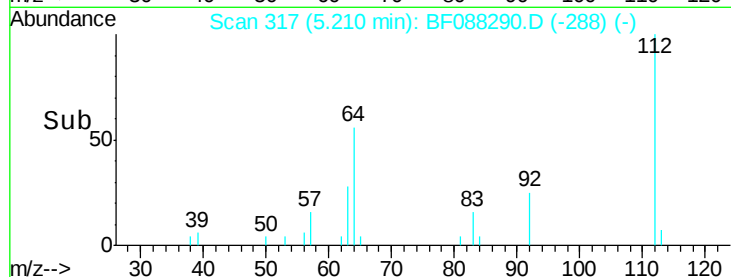
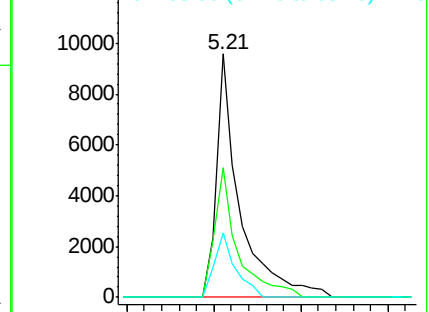
63 26.3 21.8 32.8



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: 2.84 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.02 min

Lab File: BF088290.D

Acq: 23 Jun 2016 12:18

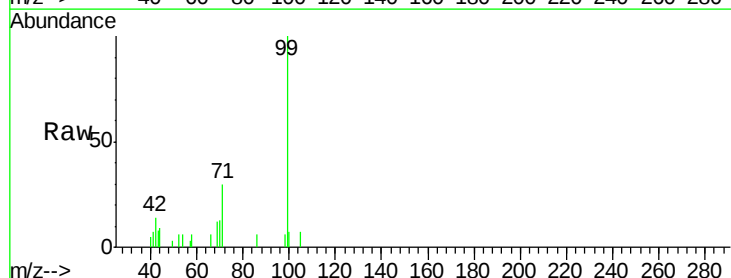
Tgt Ion: 99 Resp: 16057

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.2

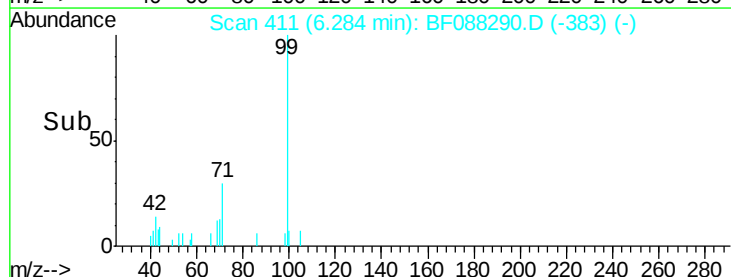
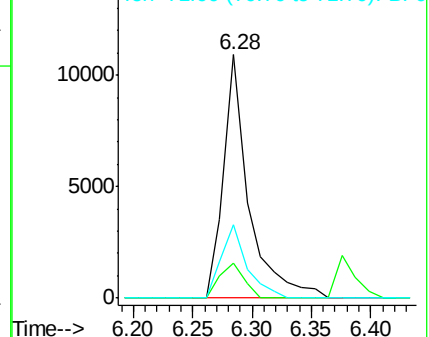
71 30.3 23.4 35.0

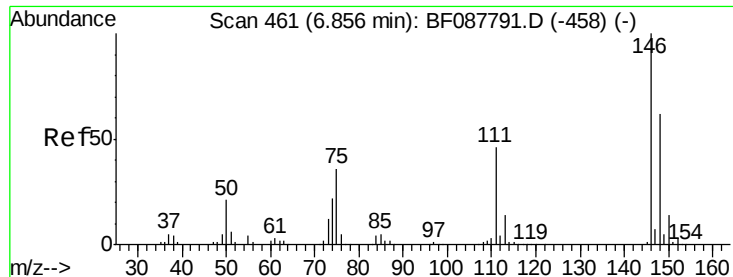


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

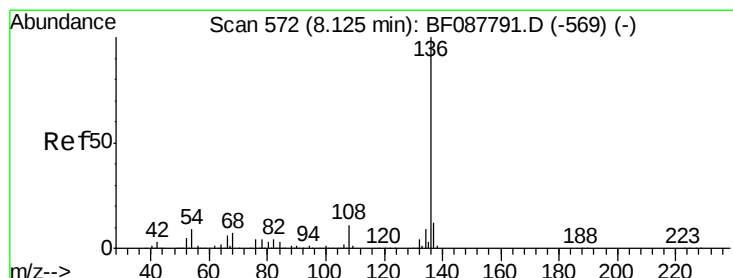
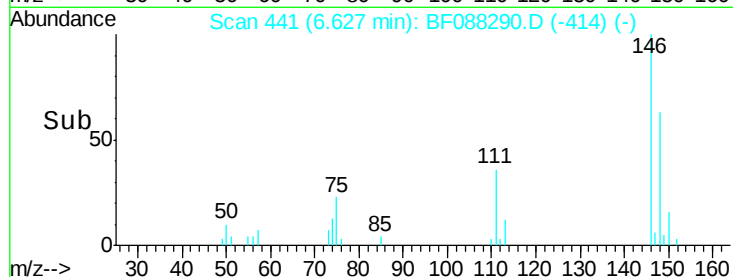
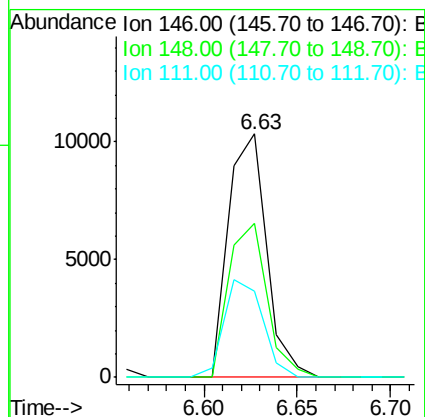
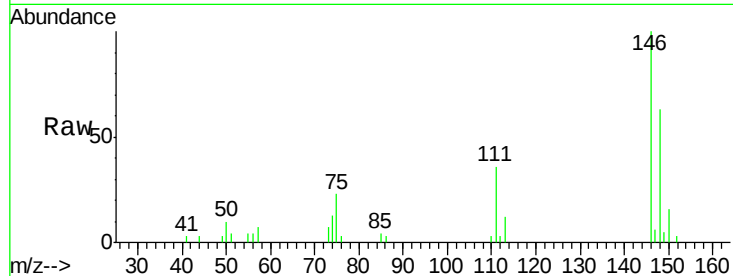




#13
 1,4-Dichlorobenzene
 Concen: 2.48 ng
 RT: 6.63 min Scan# 441
 Delta R.T. 0.01 min
 Lab File: BF088290.D
 Acq: 23 Jun 2016 12:18

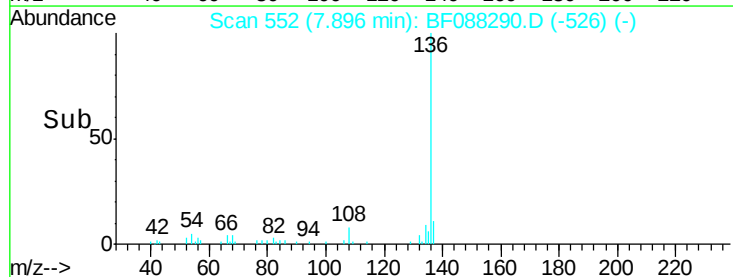
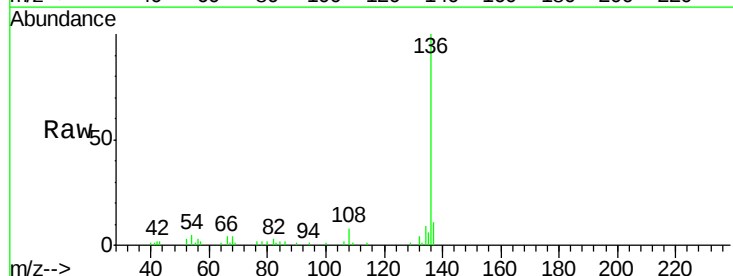
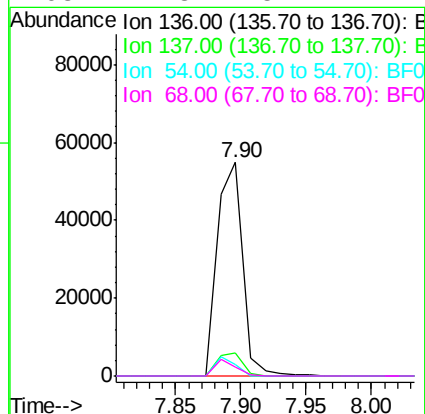
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW007-160512

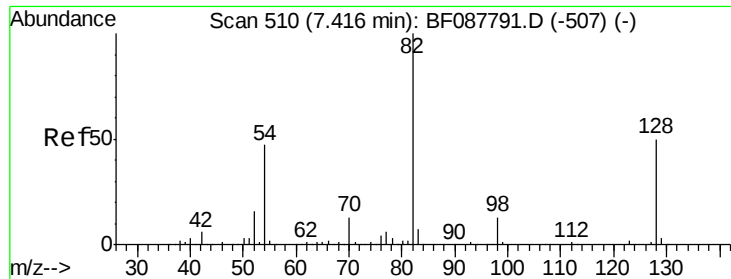
Tot Ion:146 Resp: 14814
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.0 78.0
 111 35.5 33.8 50.8



#21
 Naphthalene-d8
 Concen: 5.00 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.00 min
 Lab File: BF088290.D
 Acq: 23 Jun 2016 12:18

Tgt Ion:136 Resp: 74547
 Ion Ratio Lower Upper
 136 100
 137 11.0 9.1 13.7
 54 5.3 6.6 10.0#
 68 4.3 5.1 7.7#

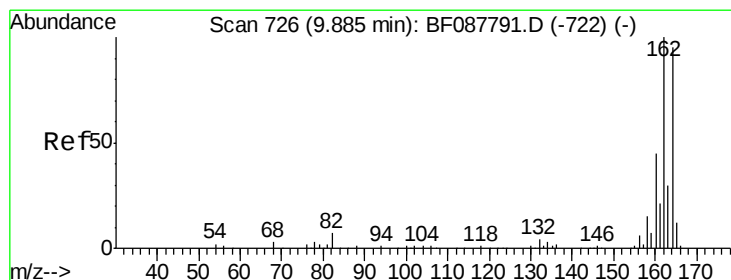
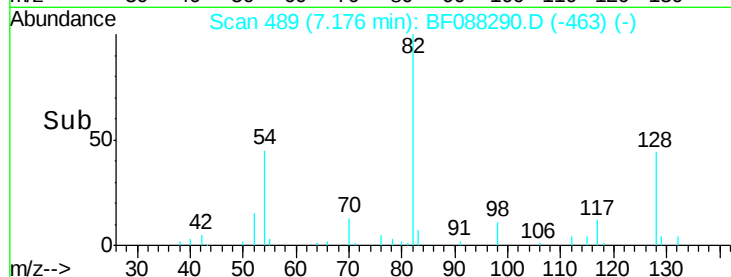
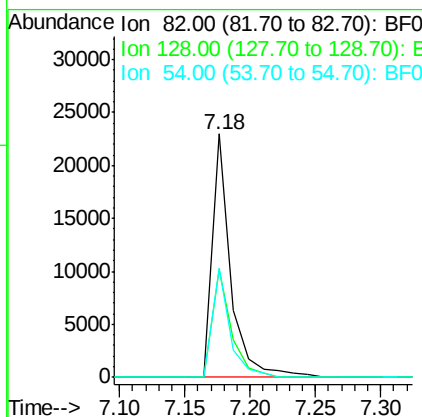
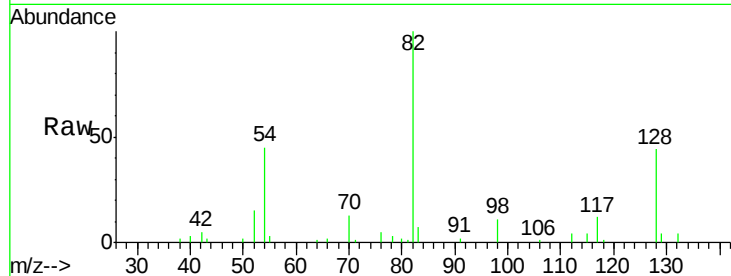




#23
 Nitrobenzene-d5
 Concen: 4.45 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.00 min
 Lab File: BF088290.D
 Acq: 23 Jun 2016 12:18

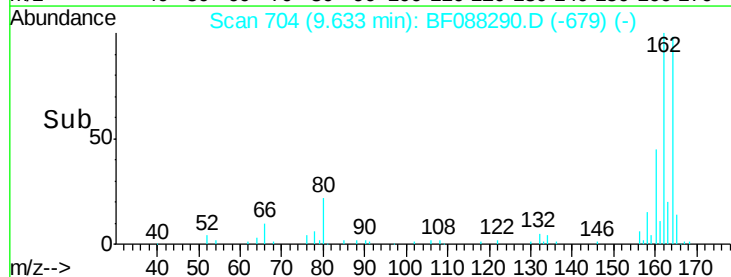
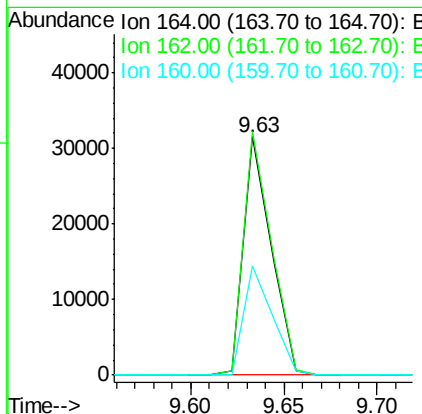
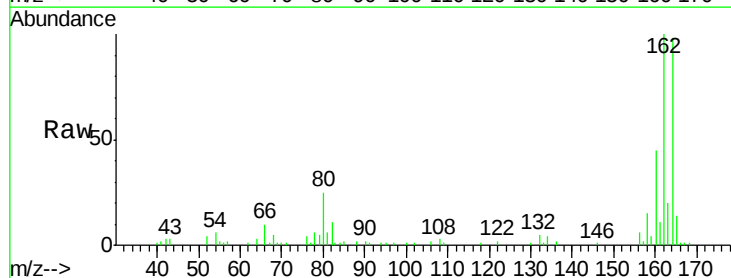
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW007-160512

Tot Ion	82	Resp	22735
Ion Ratio	Lower	Upper	
82	100		
128	44.3	35.9	53.9
54	44.6	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF088290.D
 Acq: 23 Jun 2016 12:18

Tgt Ion	164	Resp	32483
Ion Ratio	Lower	Upper	
164	100		
162	102.3	85.4	128.2
160	45.6	39.5	59.3

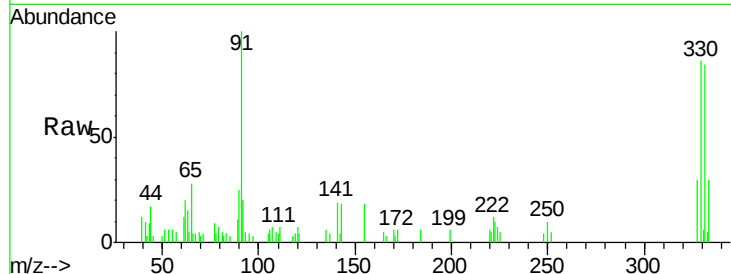




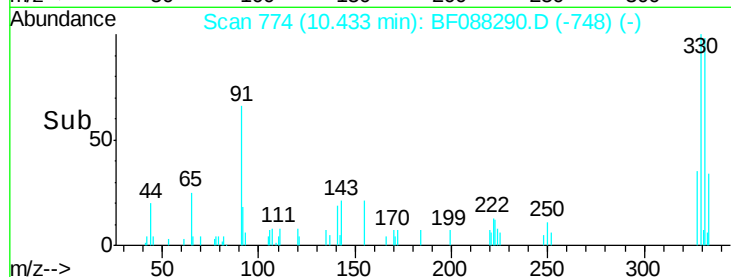
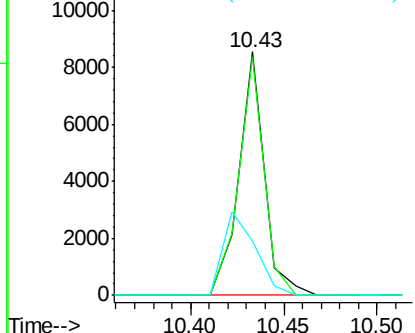
#41
 2,4,6-Tribromophenol
 Concen: 5.98 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF088290.D
 Acq: 23 Jun 2016 12:18

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW007-160512

Tot Ion:330 Resp: 8204
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 43.3 0.0 0.0#

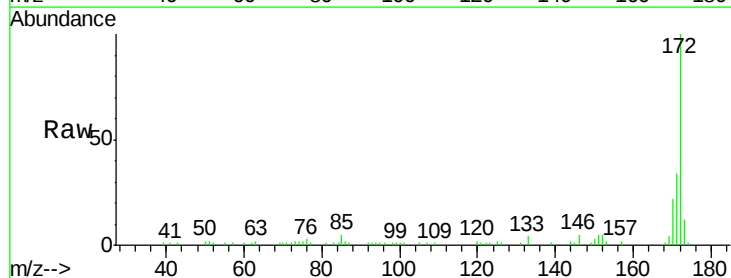


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

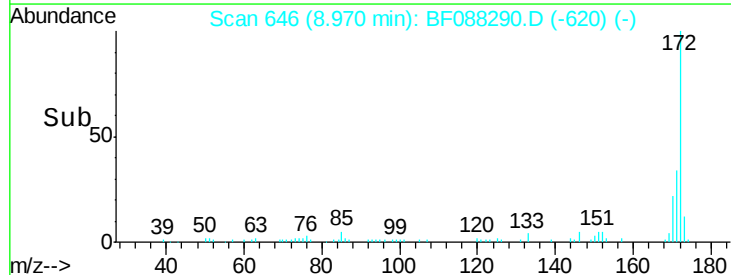
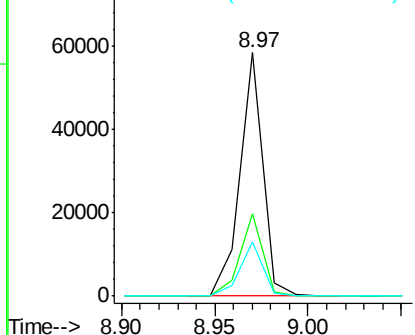


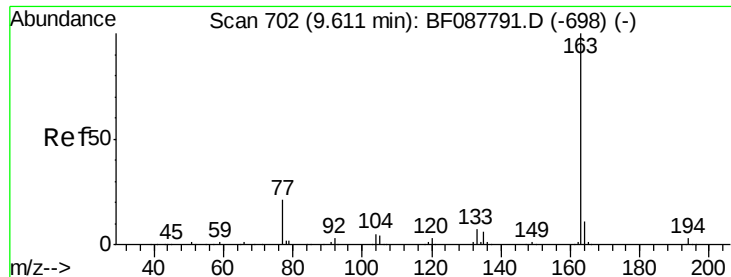
#44
 2-Fluorobiphenyl
 Concen: 5.02 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF088290.D
 Acq: 23 Jun 2016 12:18

Tgt Ion:172 Resp: 50241
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.6 43.0
 170 22.0 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

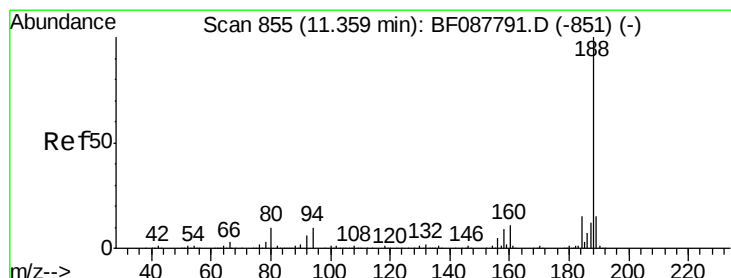
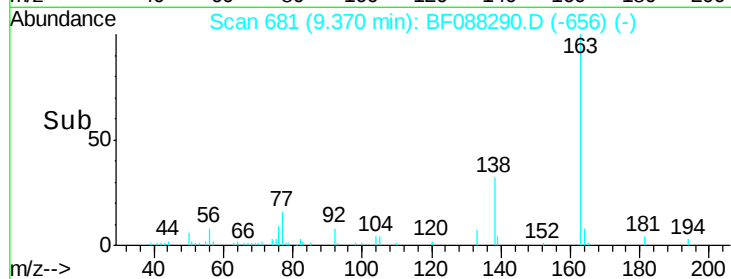
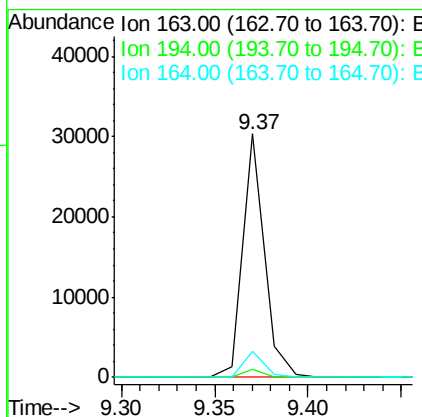
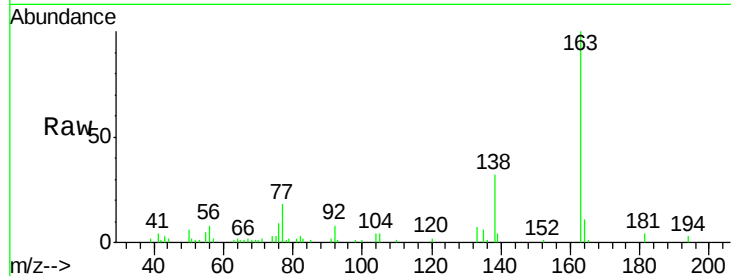




#49
Dimethylphthalate
Concen: 2.62 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF088290.D
Acq: 23 Jun 2016 12:18

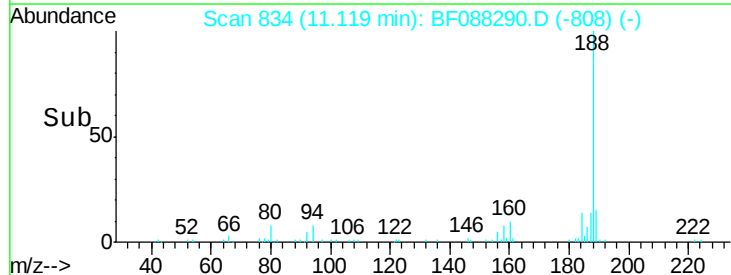
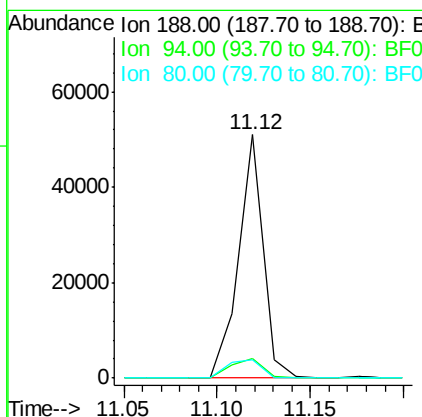
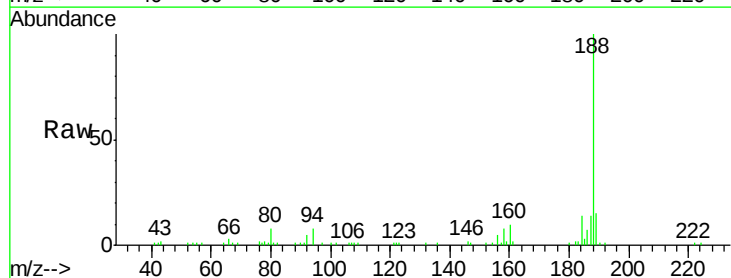
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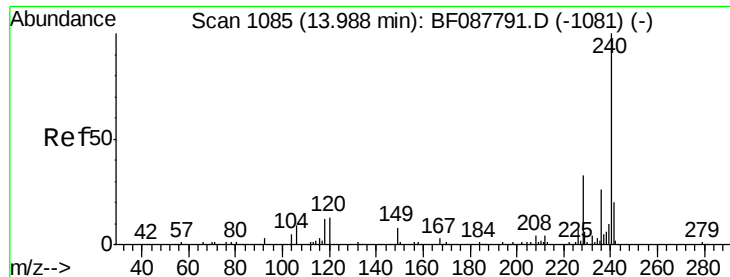
Tot Ion:163 Resp: 24637
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.9 8.3 12.5



#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF088290.D
Acq: 23 Jun 2016 12:18

Tgt Ion:188 Resp: 47338
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.6#
80 7.7 10.0 15.0#





#75

Chrysene-d12

Concen: 5.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF088290.D

Acq: 23 Jun 2016 12:18

Instrument :

BNA_F

ClientSampleId :

SS043MW007-160512

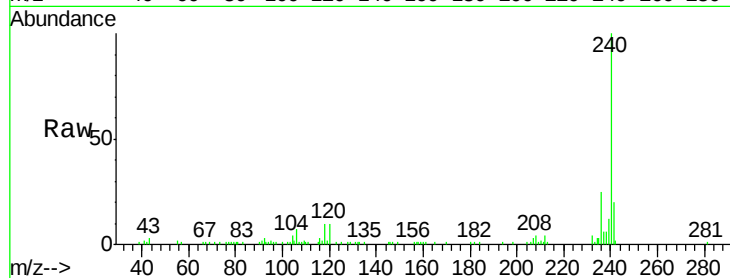
Tot Ion:240 Resp: 43396

Ion Ratio Lower Upper

240 100

120 10.2 6.8 10.2#

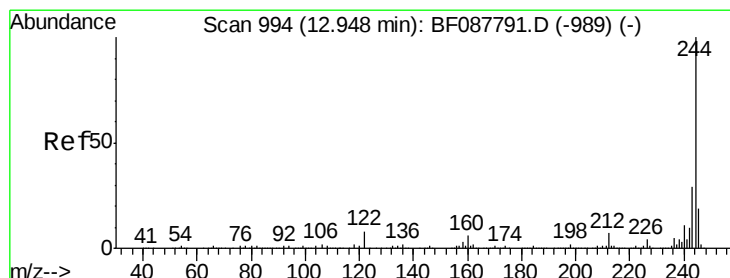
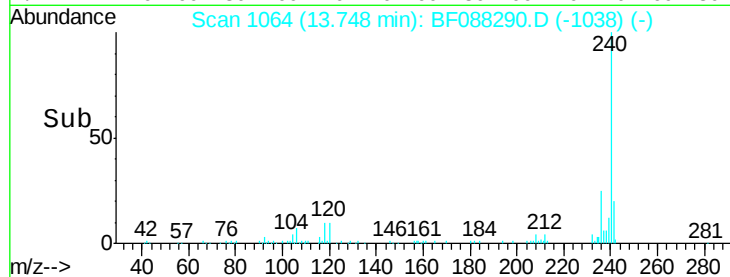
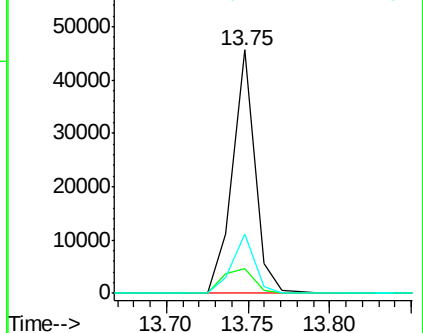
236 24.6 20.2 30.2



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: 4.80 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF088290.D

Acq: 23 Jun 2016 12:18

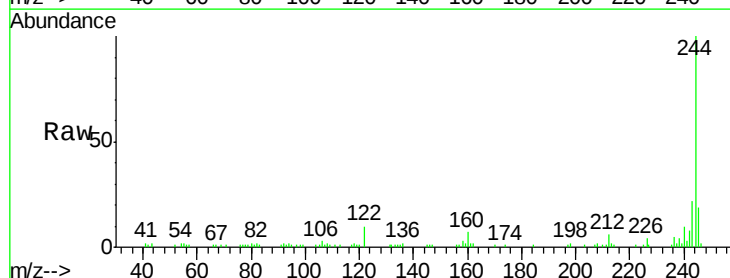
Tgt Ion:244 Resp: 36626

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

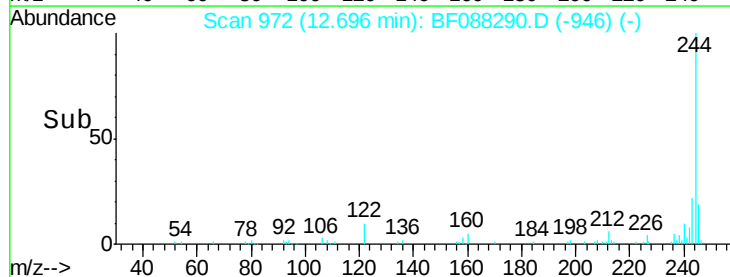
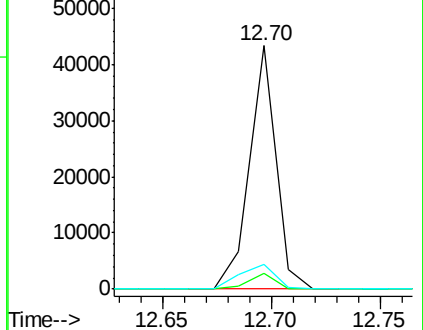
122 10.0 11.2 16.8#

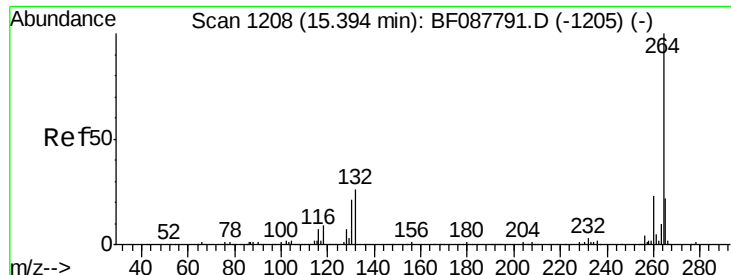


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

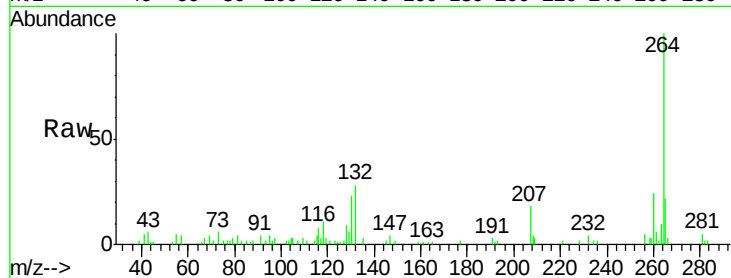




#86
Pervlene-d12
Concen: 5.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BF088290.D
Acq: 23 Jun 2016 12:18

Instrument :
BNA_F
ClientSampleId :
SS043MW007-160512

Tot Ion:264 Resp: 34003
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.5 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

