

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
 Data File : BF088287.D
 Acq On : 23 Jun 2016 10:50
 Operator : UM/SJ
 Sample : H3084-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW011-160512

Quant Time: Jun 23 17:41:49 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

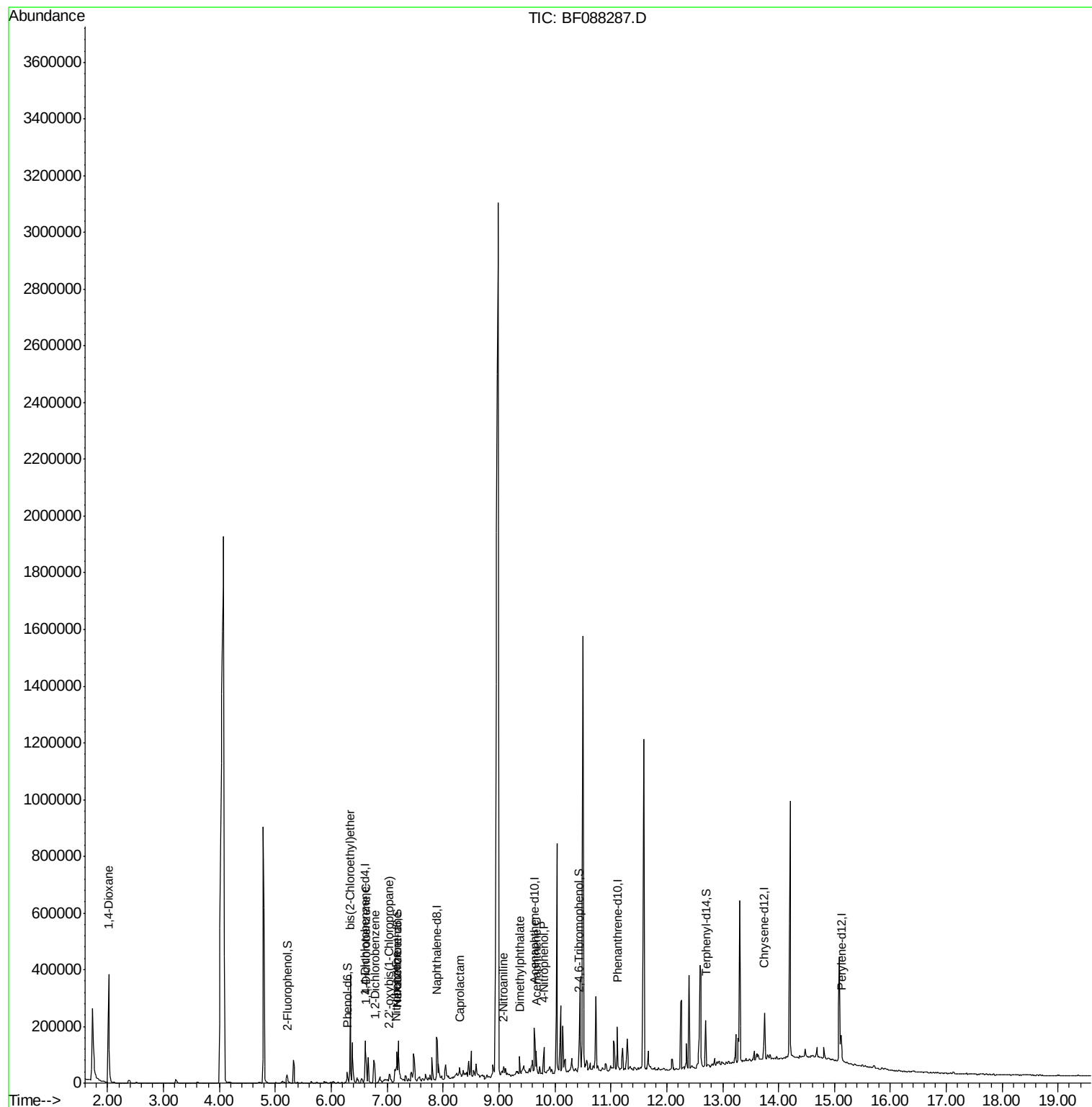
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	22330	5.00	ng	0.00
21) Naphthalene-d8	7.90	136	85936	5.00	ng	0.00
38) Acenaphthene-d10	9.63	164	37915	5.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	56297	5.00	ng	0.00
75) Chrysene-d12	13.75	240	53109	5.00	ng	0.00
86) Perylene-d12	15.12	264	38142	5.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	19968	3.82	ng	0.03
7) Phenol-d6	6.28	99	16991	2.68	ng	0.02
23) Nitrobenzene-d5	7.18	82	26386	4.48	ng	0.00
41) 2,4,6-Tribromophenol	10.43	330	11635	7.27	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	13835	0.05	ng	0.01
78) Terphenyl-d14	12.70	244	44686	4.79	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.02	88	204944	80.73	ng	Qvalue # 42
11) bis(2-Chloroethyl)ether	6.34	93	106520	19.19	ng	86
13) 1,4-Dichlorobenzene	6.62	146	34858	5.22	ng	95
14) 1,2-Dichlorobenzene	6.78	146	17022	2.80	ng	95
49) Dimethylphthalate	9.37	163	24543	2.23	ng	# 98

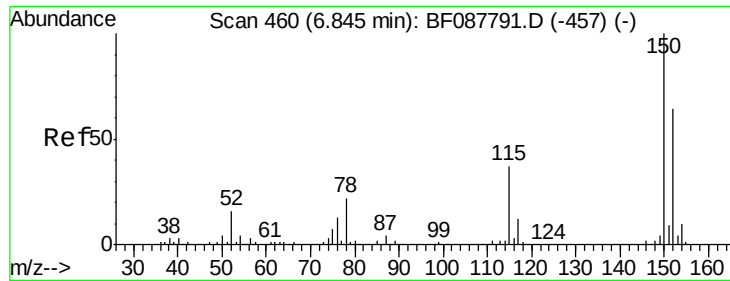
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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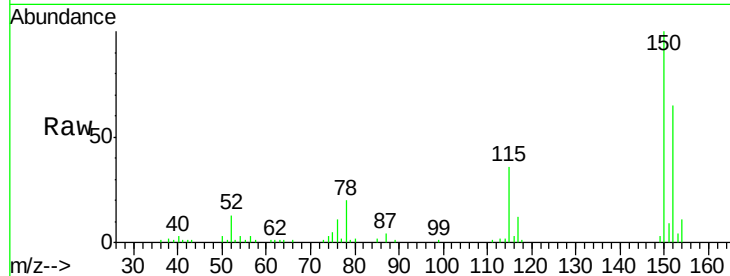


#1

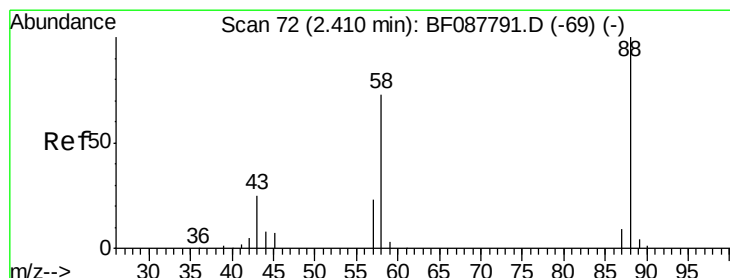
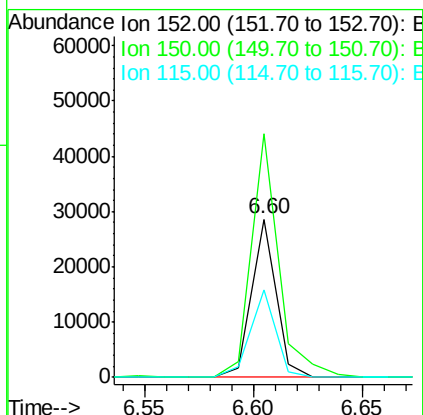
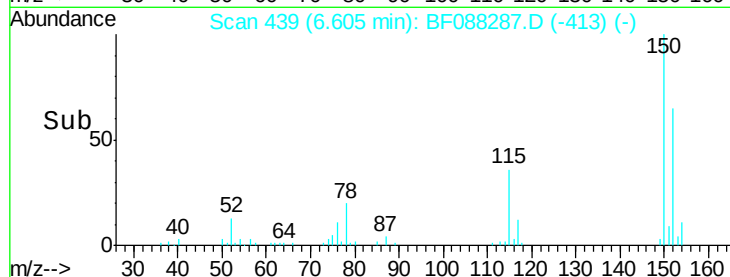
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF088287.D
Acq: 23 Jun 2016 10:50

Instrument :
BNA_F
ClientSampleId :
SS043MW011-160512

Tot Ion:152 Resp: 22330
Ion Ratio Lower Upper
152 100
150 154.2 123.8 185.6
115 55.6 39.6 59.4



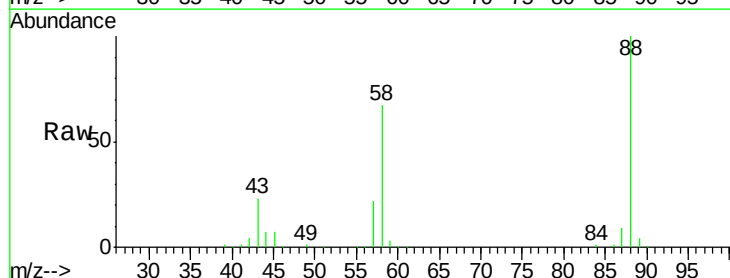
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



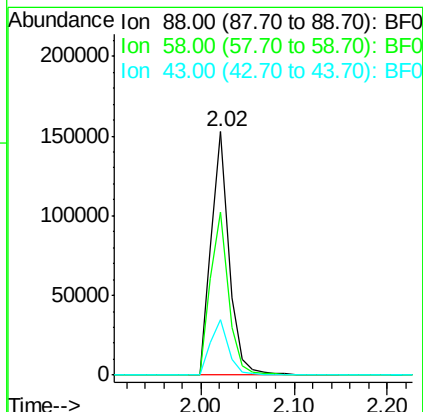
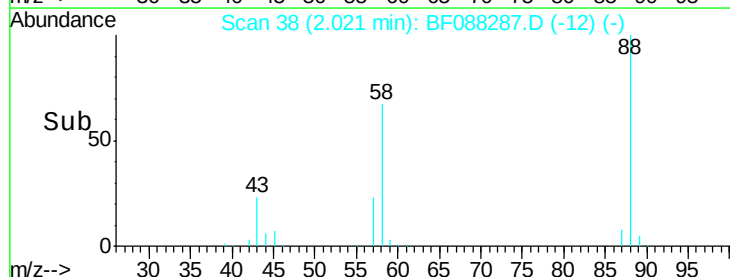
#2

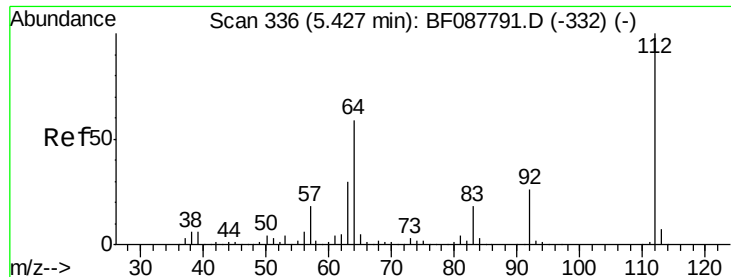
1,4-Dioxane
Concen: 80.73 ng
RT: 2.02 min Scan# 38
Delta R.T. 0.00 min
Lab File: BF088287.D
Acq: 23 Jun 2016 10:50

Tgt Ion: 88 Resp: 204944
Ion Ratio Lower Upper
88 100
58 68.0 0.0 0.0#
43 23.4 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: 3.82 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.03 min

Lab File: BF088287.D

Acq: 23 Jun 2016 10:50

Instrument :

BNA_F

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SS043MW011-160512

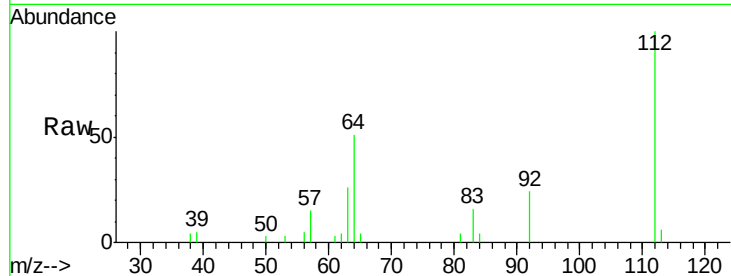
Tot Ion:112 Resp: 19968

Ion Ratio Lower Upper

112 100

64 50.5 42.2 63.2

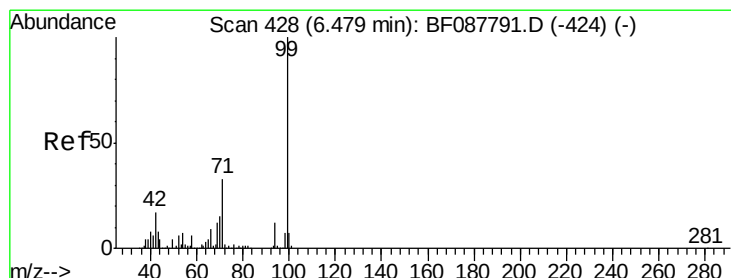
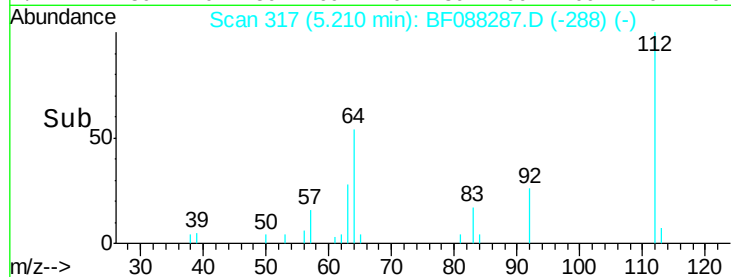
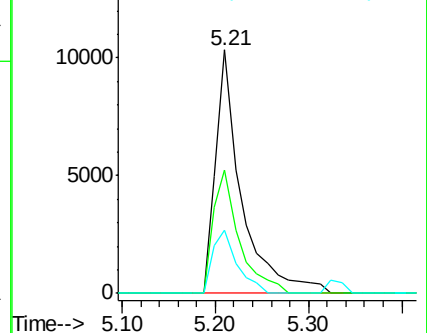
63 26.1 21.8 32.8



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: 2.68 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.02 min

Lab File: BF088287.D

Acq: 23 Jun 2016 10:50

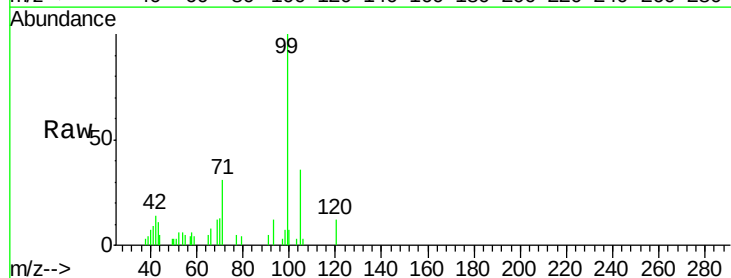
Tgt Ion: 99 Resp: 16991

Ion Ratio Lower Upper

99 100

42 14.2 12.2 18.2

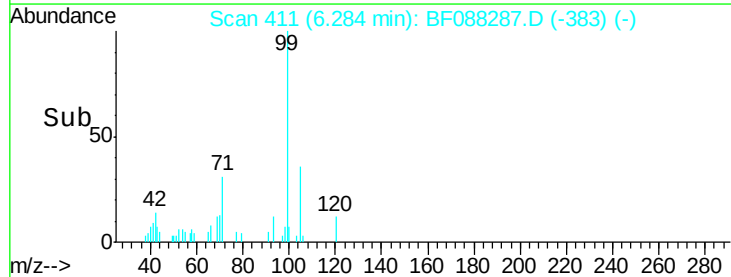
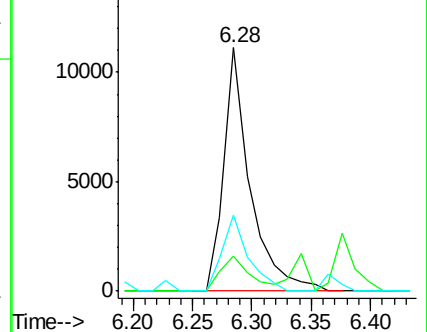
71 31.1 23.4 35.0

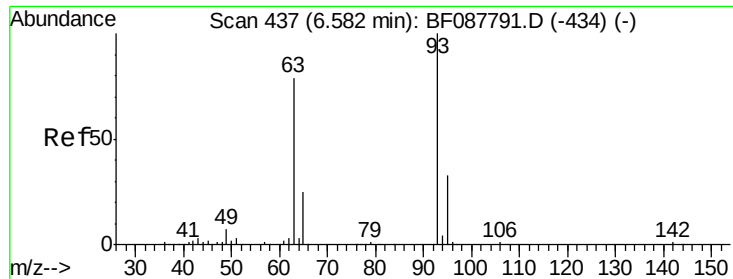


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

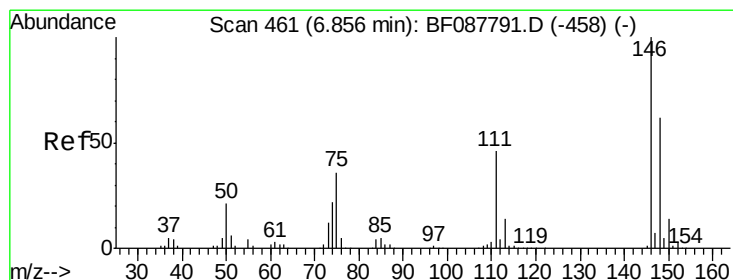
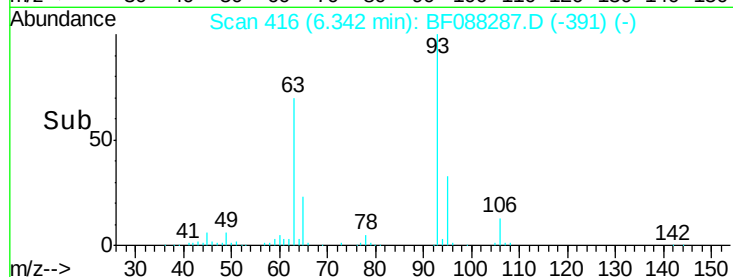
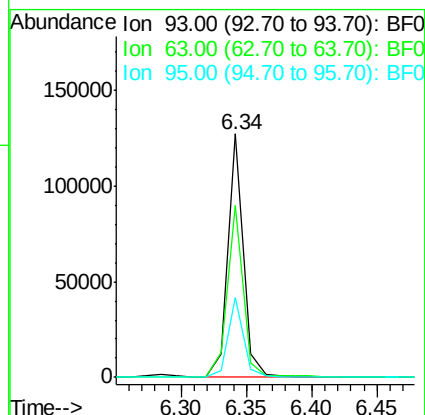
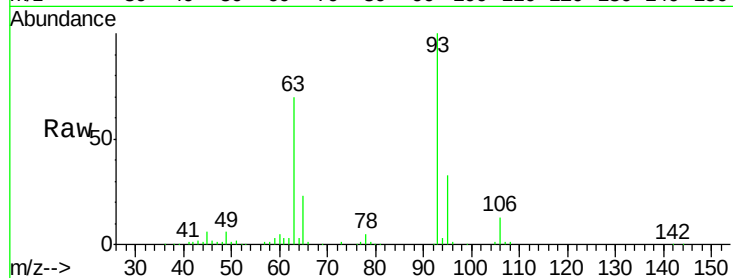




#11
bis(2-Chloroethyl)ether
Concen: 19.19 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088287.D
Acq: 23 Jun 2016 10:50

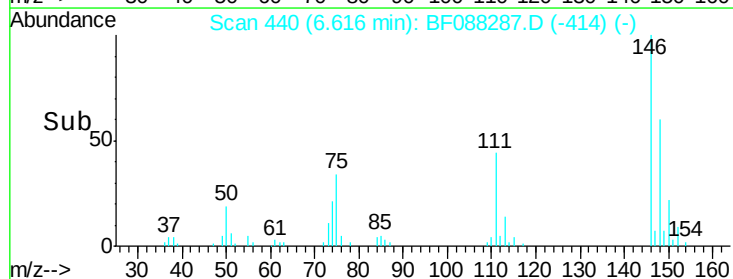
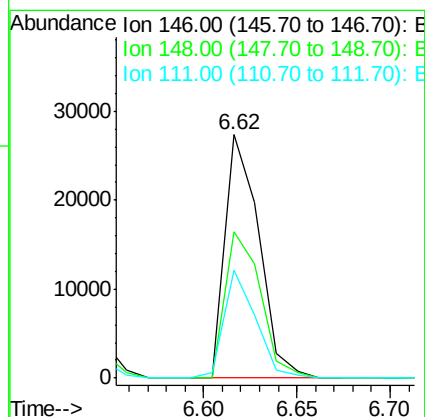
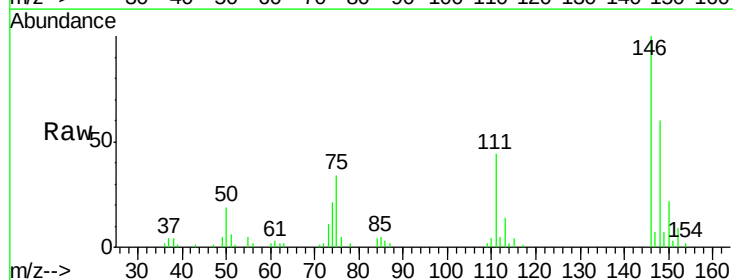
Instrument :
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ClientSampleId :
SS043MW011-160512

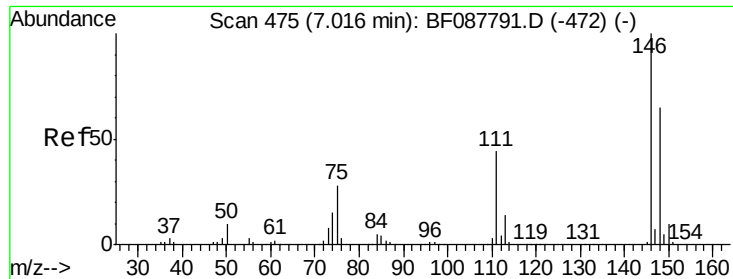
Tot Ion: 93 Resp: 106520
Ion Ratio Lower Upper
93 100
63 70.4 67.6 107.6
95 32.7 12.5 52.5



#13
1,4-Dichlorobenzene
Concen: 5.22 ng
RT: 6.62 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF088287.D
Acq: 23 Jun 2016 10:50

Tgt Ion: 146 Resp: 34858
Ion Ratio Lower Upper
146 100
148 60.1 52.0 78.0
111 44.3 33.8 50.8

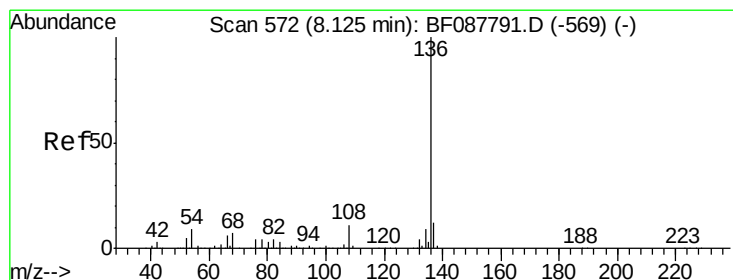
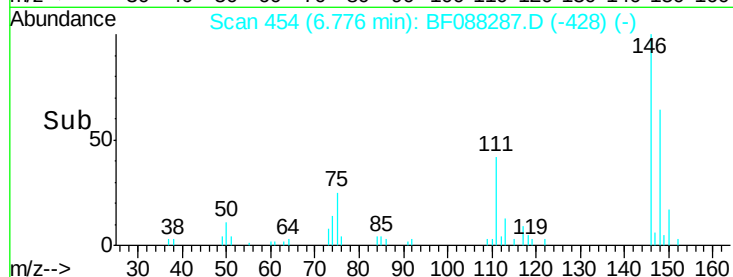
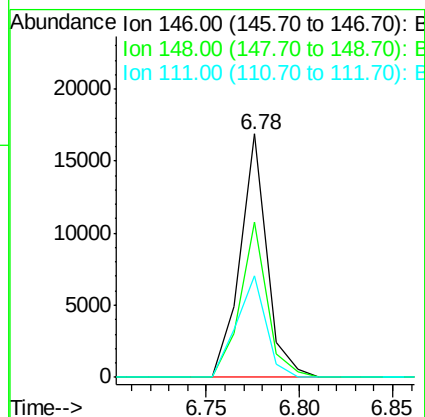
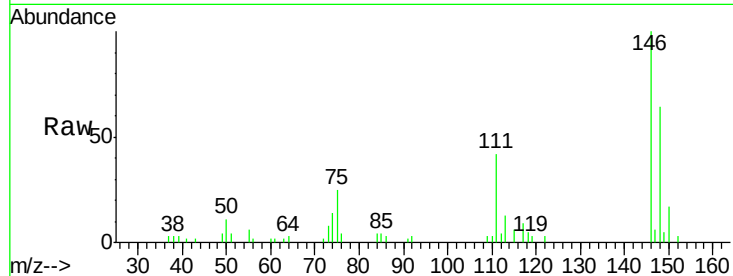




#14
 1,2-Dichlorobenzene
 Concen: 2.80 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF088287.D
 Acq: 23 Jun 2016 10:50

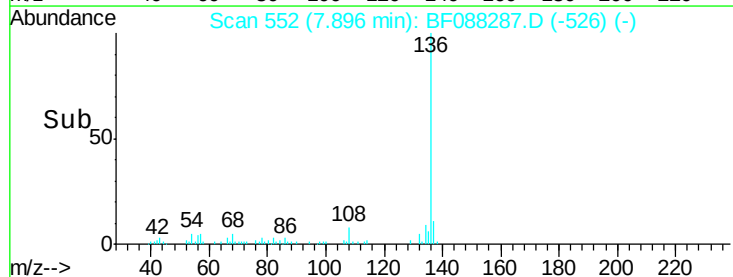
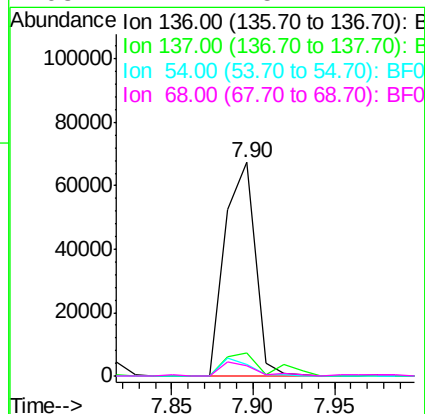
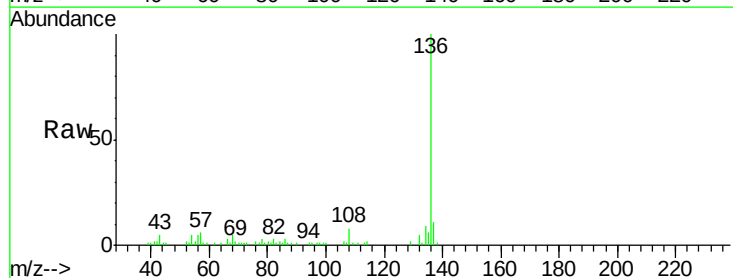
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW011-160512

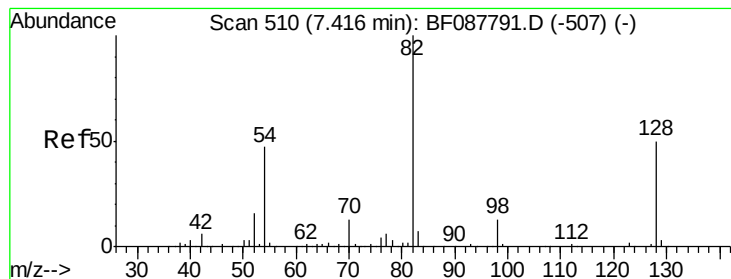
Tot Ion:146 Resp: 17022
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.3 78.5
 111 41.7 28.7 43.1



#21
 Naphthalene-d8
 Concen: 5.00 ng
 RT: 7.90 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF088287.D
 Acq: 23 Jun 2016 10:50

Tgt Ion:136 Resp: 85936
 Ion Ratio Lower Upper
 136 100
 137 10.9 9.1 13.7
 54 5.4 6.6 10.0#
 68 4.7 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 4.48 ng

RT: 7.18 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF088287.D

Acq: 23 Jun 2016 10:50

Instrument :

BNA_F

ClientSampleId :

SS043MW011-160512

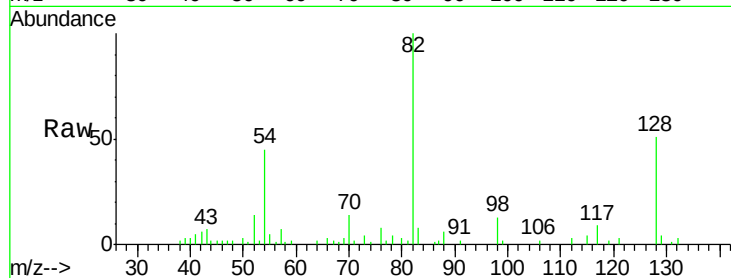
Tot Ion: 82 Resp: 26386

Ion Ratio Lower Upper

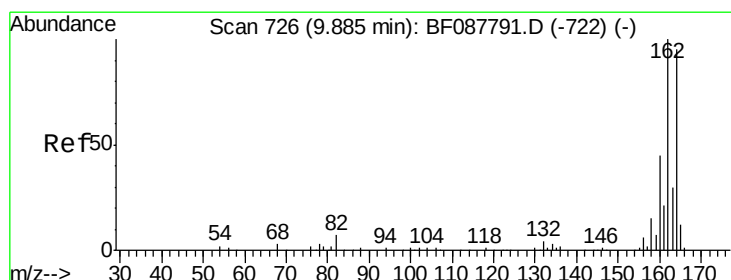
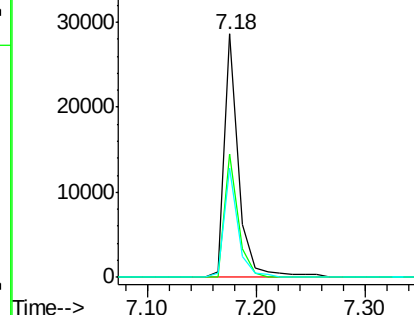
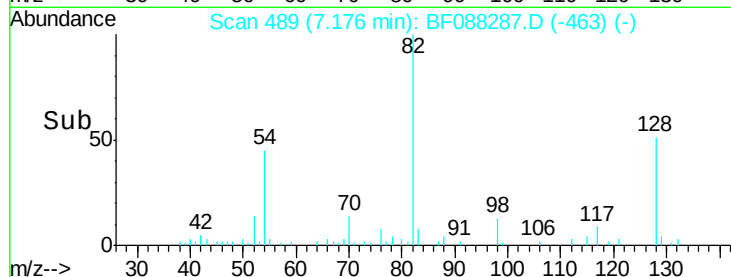
82 100

128 50.9 35.9 53.9

54 45.0 40.9 61.3



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: 5.00 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF088287.D

Acq: 23 Jun 2016 10:50

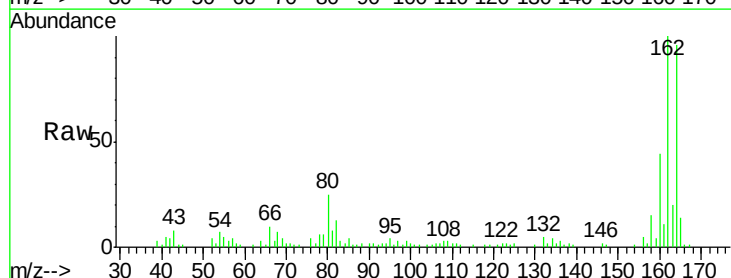
Tgt Ion:164 Resp: 37915

Ion Ratio Lower Upper

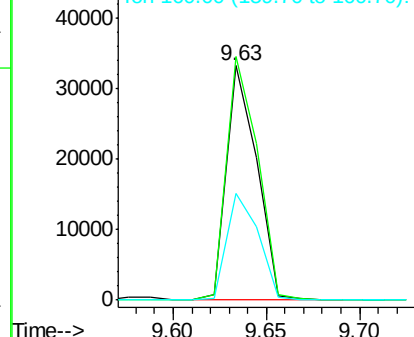
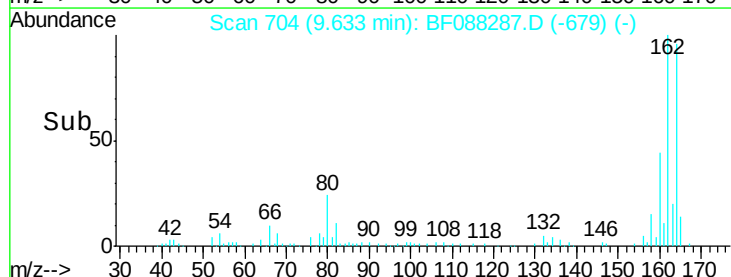
164 100

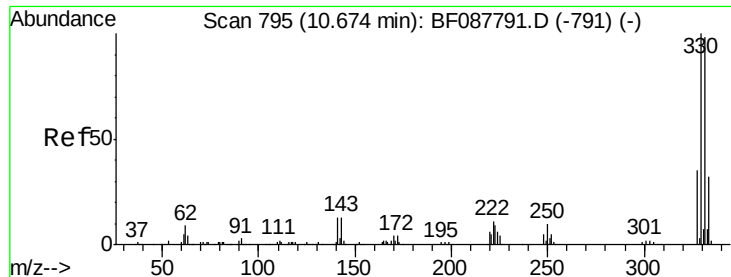
162 103.9 85.4 128.2

160 45.6 39.5 59.3



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: 7.27 ng

RT: 10.43 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF088287.D

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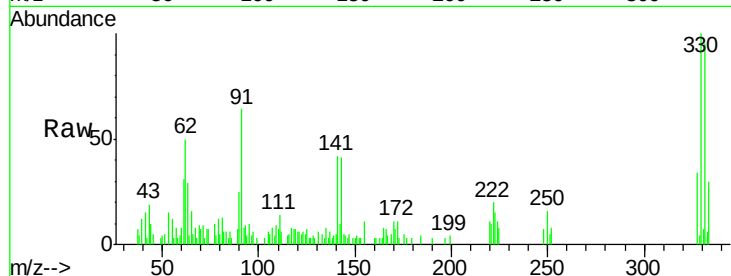
Tot Ion:330 Resp: 11635

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

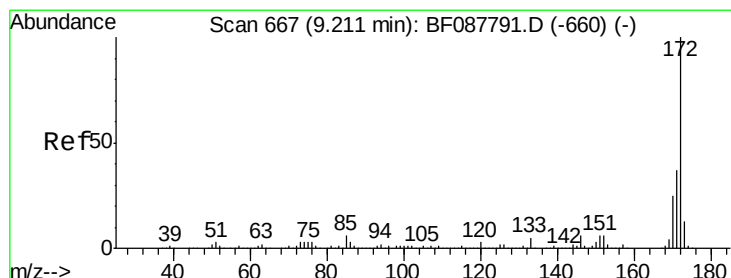
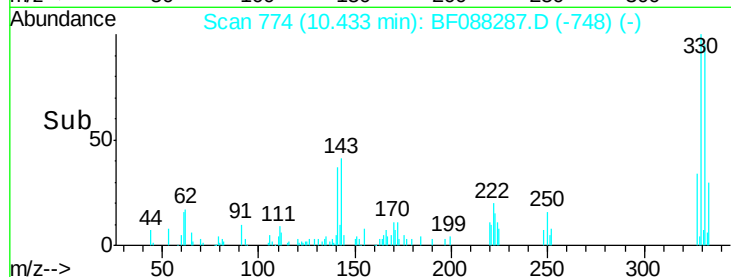
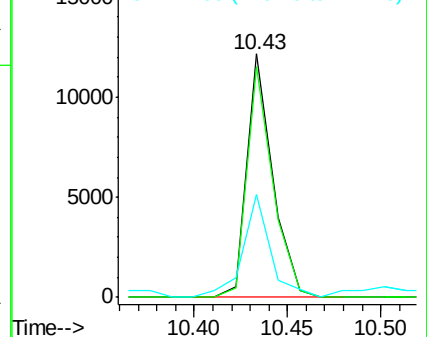
141 45.6 0.0 0.0#



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: 0.05 ng

RT: 8.98 min Scan# 647

Delta R.T. 0.01 min

Lab File: BF088287.D

Acq: 23 Jun 2016 10:50

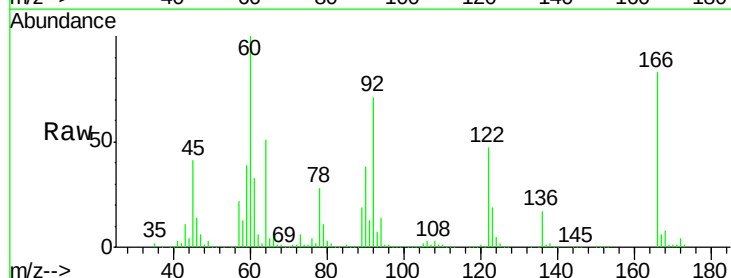
Tgt Ion:172 Resp: 13835

Ion Ratio Lower Upper

172 100

171 36.5 28.6 43.0

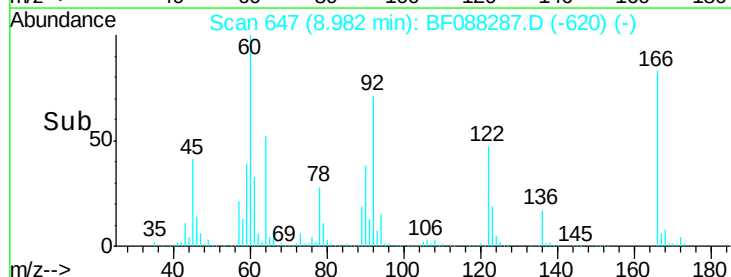
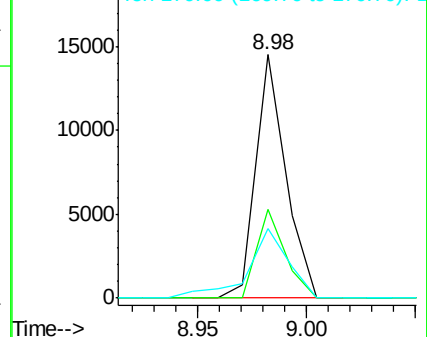
170 28.4 19.2 28.8

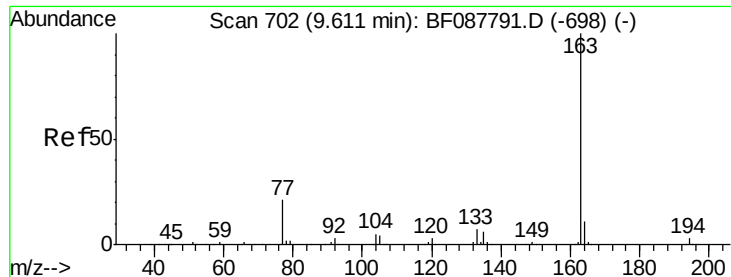


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.23 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF088287.D

Acq: 23 Jun 2016 10:50

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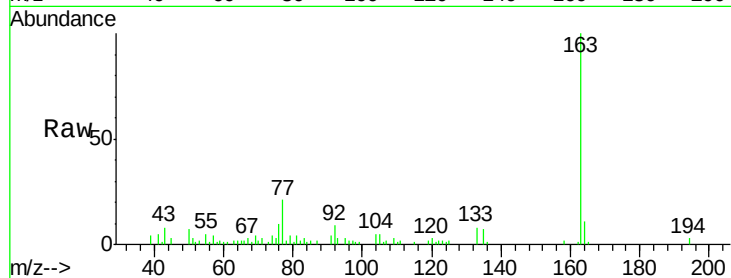
Tot Ion:163 Resp: 24543

Ion Ratio Lower Upper

163 100

194 2.7 2.8 4.2#

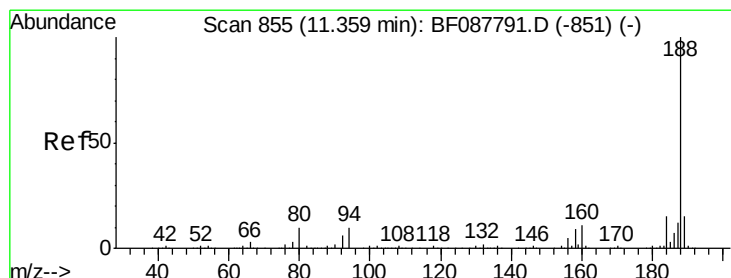
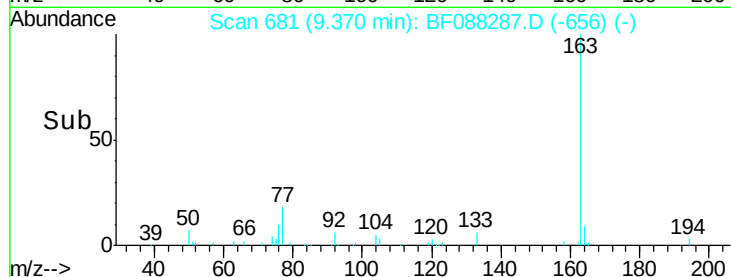
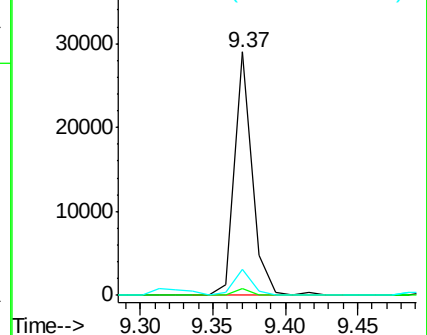
164 10.9 8.3 12.5



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: 5.00 ng

RT: 11.12 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF088287.D

Acq: 23 Jun 2016 10:50

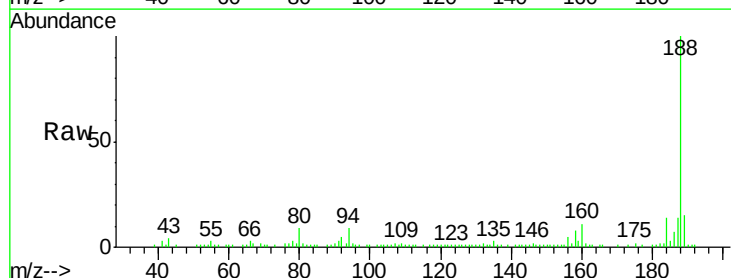
Tgt Ion:188 Resp: 56297

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.6#

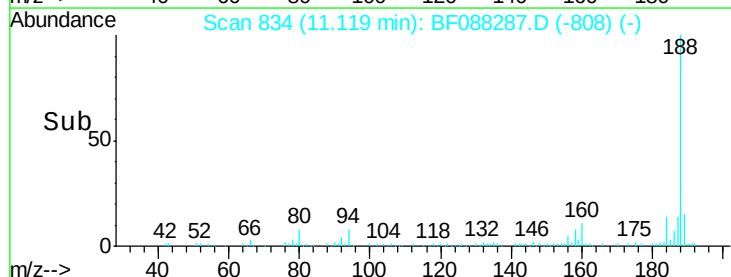
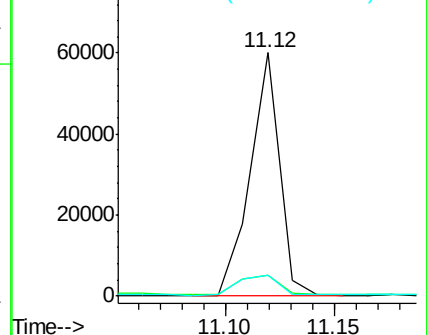
80 8.5 10.0 15.0#

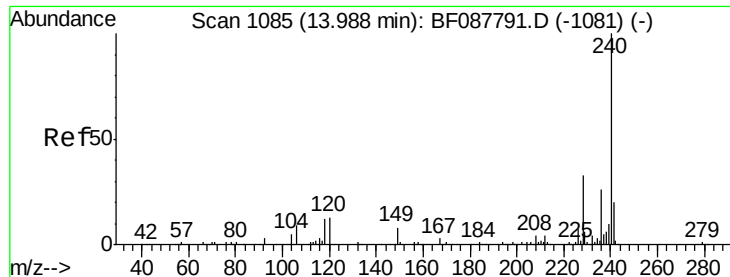


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 5.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF088287.D

Acq: 23 Jun 2016 10:50

Instrument :

BNA_F

ClientSampleId :

SS043MW011-160512

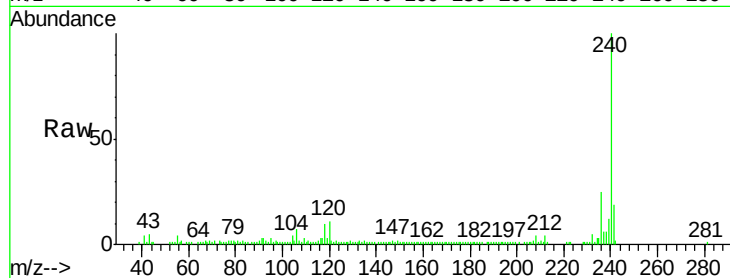
Tot Ion:240 Resp: 53109

Ion Ratio Lower Upper

240 100

120 11.4 6.8 10.2#

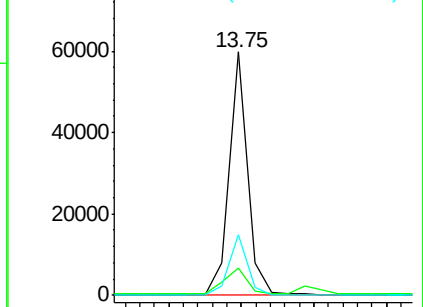
236 24.9 20.2 30.2



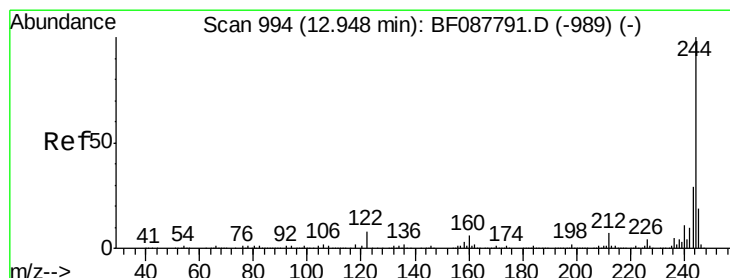
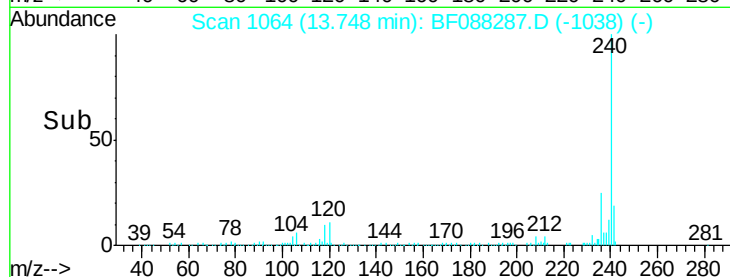
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 4.79 ng

RT: 12.70 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF088287.D

Acq: 23 Jun 2016 10:50

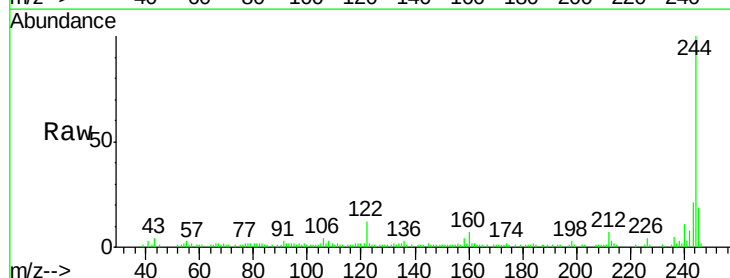
Tgt Ion:244 Resp: 44686

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

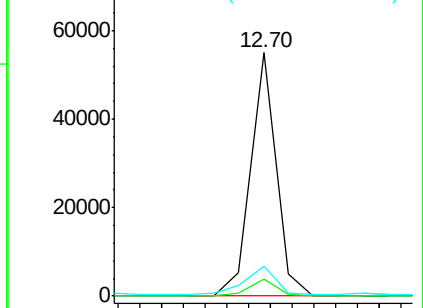
122 12.0 11.2 16.8



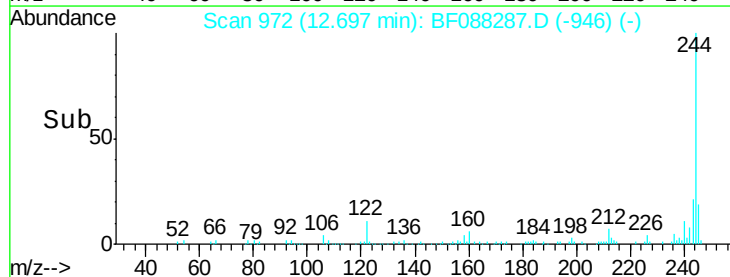
Abundance Ion 244.00 (243.70 to 244.70): E

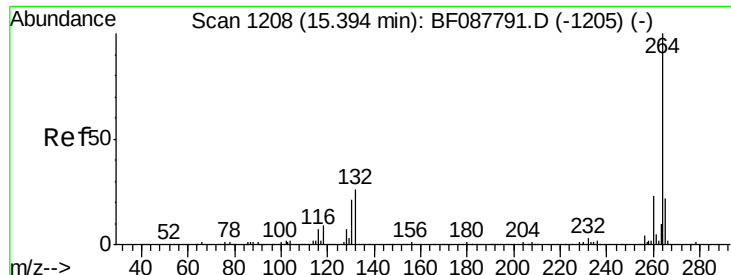
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



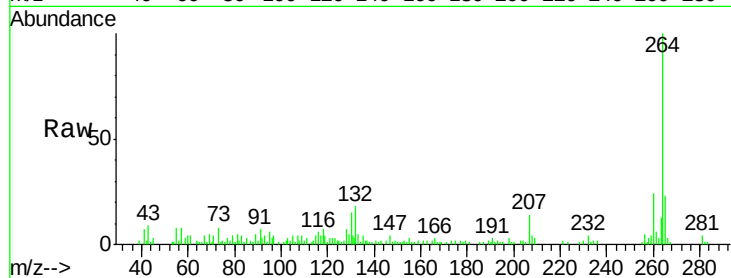


#86
Pervlene-d12
Concen: 5.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BF088287.D
Acq: 23 Jun 2016 10:50

Instrument :
BNA_F
ClientSampleId :
SS043MW011-160512

Tot Ion: 264 Resp: 38142

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.8	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

