

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
 Data File : BF087633.D
 Acq On : 2 Jun 2016 00:19
 Operator : UM/SJ
 Sample : H3349-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-31

Quant Time: Jun 02 02:04:50 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

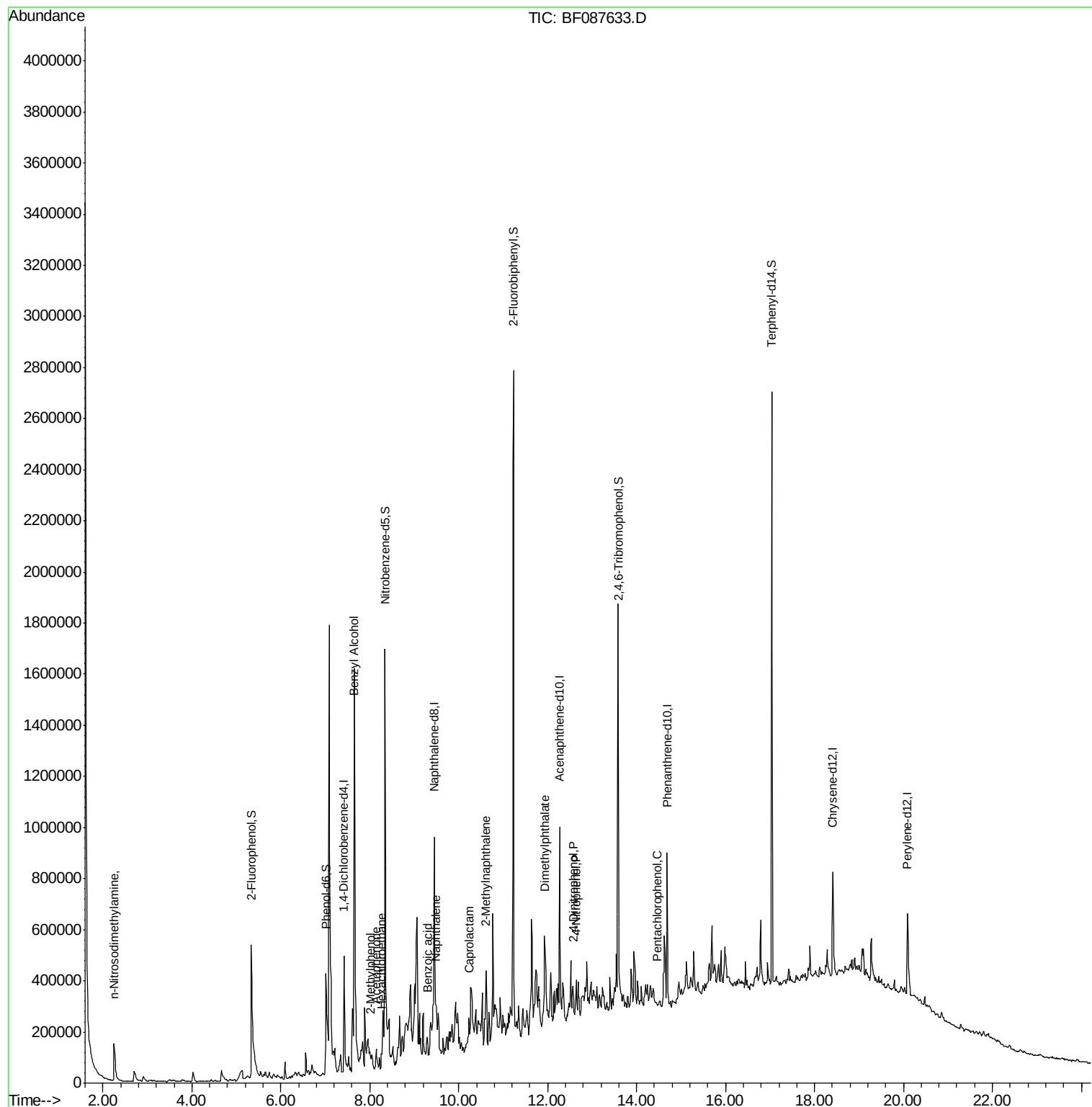
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	106140	20.00	ng	-0.10
21) Naphthalene-d8	9.45	136	404987	20.00	ng	-0.10
38) Acenaphthene-d10	12.27	164	181756	20.00	ng	-0.11
63) Phenanthrene-d10	14.69	188	315660	20.00	ng	-0.09
75) Chrysene-d12	18.41	240	197872	20.00	ng	-0.07
86) Perylene-d12	20.09	264	188166	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	369669	61.20	ng	-0.08
7) Phenol-d6	7.02	99	335596	41.12	ng	-0.06
23) Nitrobenzene-d5	8.34	82	704945	87.73	ng	-0.10
41) 2,4,6-Tribromophenol	13.59	330	267611	153.22	ng	-0.09
44) 2-Fluorobiphenyl	11.23	172	1224101	94.95	ng	-0.10
78) Terphenyl-d14	17.04	244	916654	98.49	ng	-0.09
Target Compounds						
4) n-Nitrosodimethylamine	2.25	42	12934	2.41	ng	# 1
15) Benzyl Alcohol	7.64	79	14677	2.47	ng	# 47
17) 2-Methylphenol	8.02	107	16402	2.72	ng	# 83
18) Hexachloroethane	8.26	117	24135	7.67	ng	# 7
22) Acetophenone	8.15	105	22417	2.32	ng	# 86
31) Naphthalene	9.50	128	106783	5.26	ng	# 94
32) Benzoic acid	9.29	122	4197	7.01	ng	# 25
35) Caprolactam	10.23	113	4629	2.92	ng	# 1
37) 2-Methylnaphthalene	10.62	142	91982	7.26	ng	# 93
49) Dimethylphthalate	11.93	163	78505	5.39	ng	# 95
53) 2,4-Dinitrophenol	12.57	184	239	6.69	ng	# 1
55) 4-Nitrophenol	12.64	139	2996	2.09	ng	# 27
69) Pentachlorophenol	14.47	266	283	6.41	ng	# 17

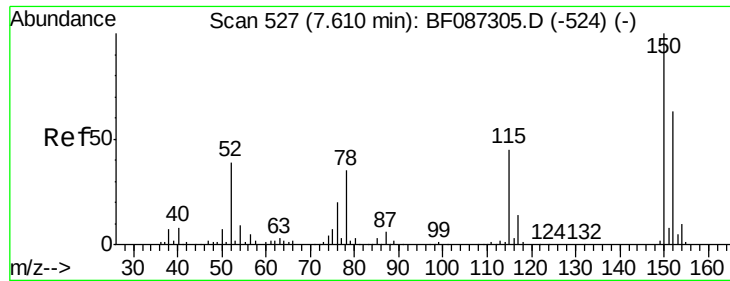
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
Data File : BF087633.D
Acq On : 2 Jun 2016 00:19
Operator : UM/SJ
Sample : H3349-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-31

Quant Time: Jun 02 02:04:50 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.10 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampled :

W-31

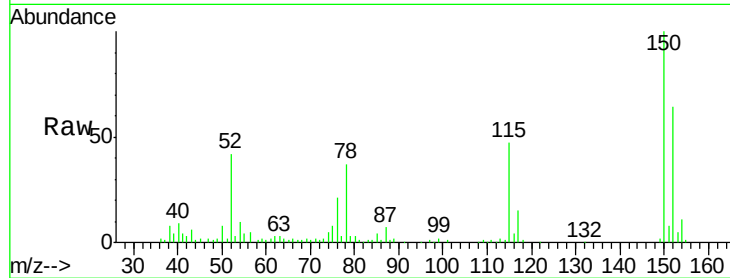
Tgt Ion:152 Resp: 106140

Ion Ratio Lower Upper

152 100

150 155.6 125.8 188.6

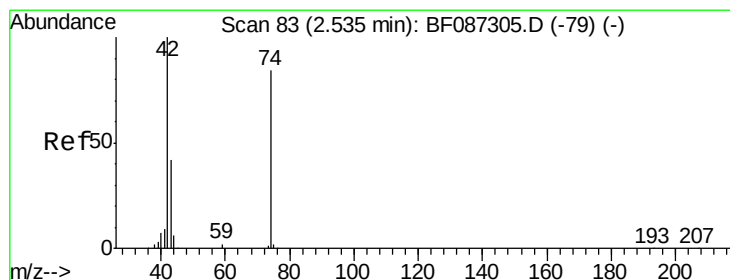
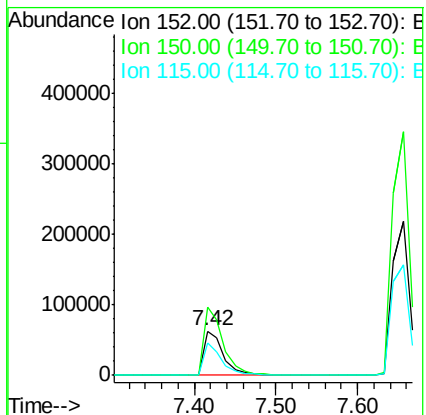
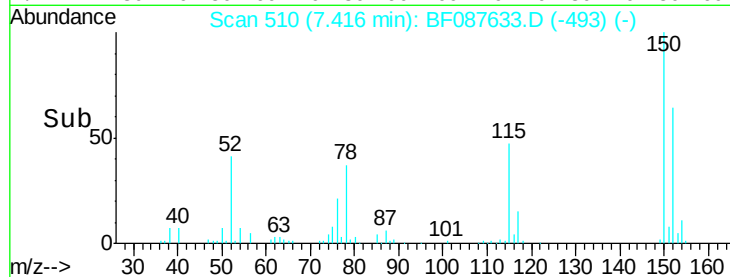
115 72.7 51.5 77.3



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



#4

n-Nitrosodimethylamine

Concen: 2.41 ng

RT: 2.25 min Scan# 58

Delta R.T. -0.14 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

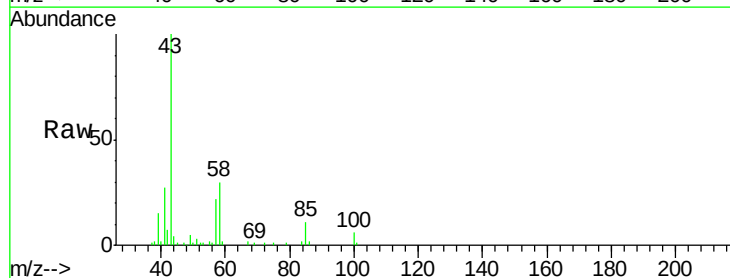
Tgt Ion: 42 Resp: 12934

Ion Ratio Lower Upper

42 100

74 0.0 123.4 185.0#

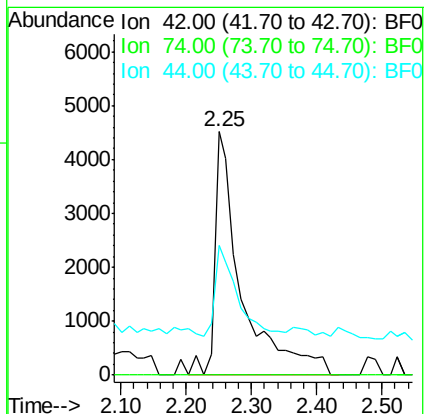
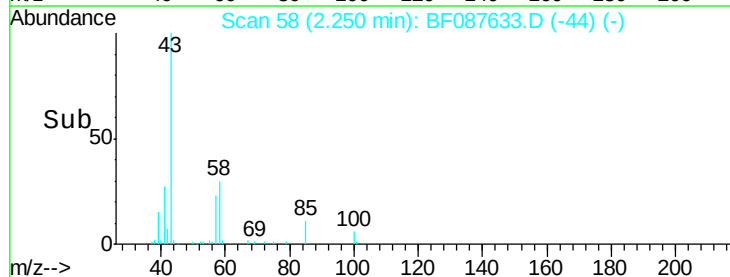
44 53.2 5.8 8.6#

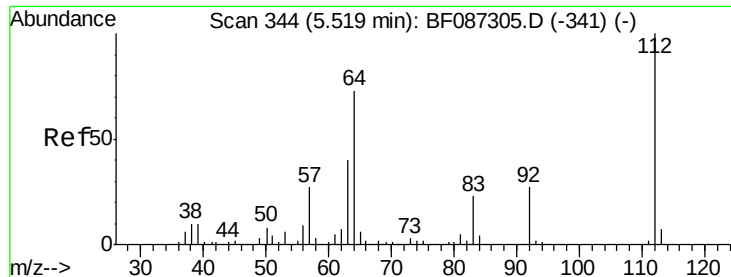


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

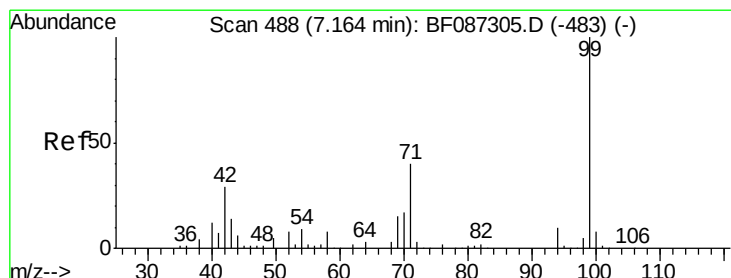
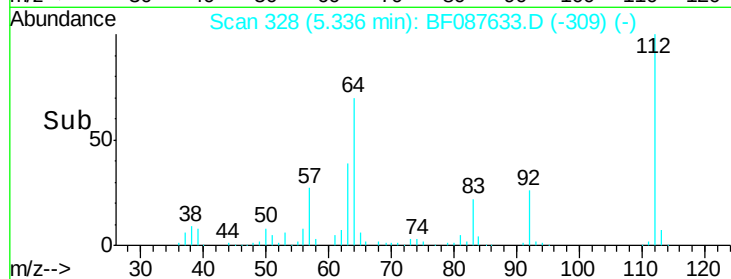
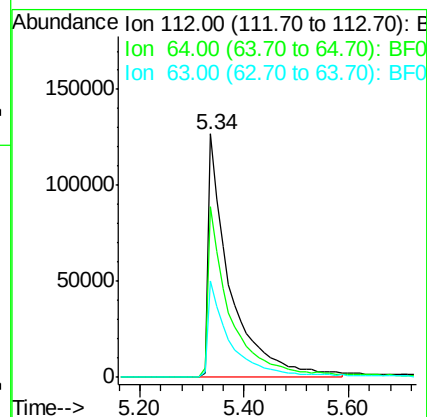
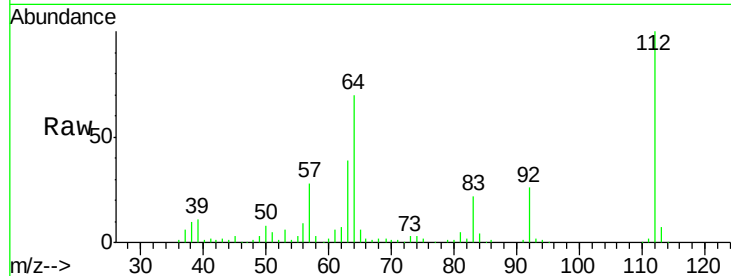




#5
 2-Fluorophenol
 Concen: 61.20 ng
 RT: 5.34 min Scan# 328
 Delta R.T. -0.08 min
 Lab File: BF087633.D
 Acq: 2 Jun 2016 00:19

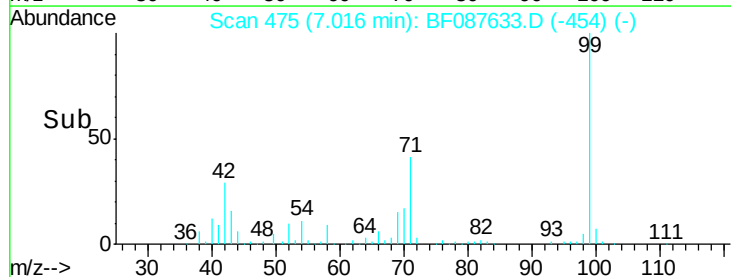
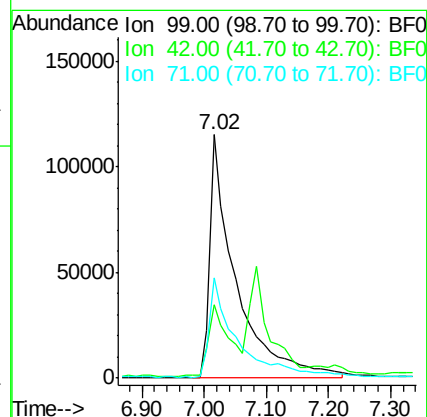
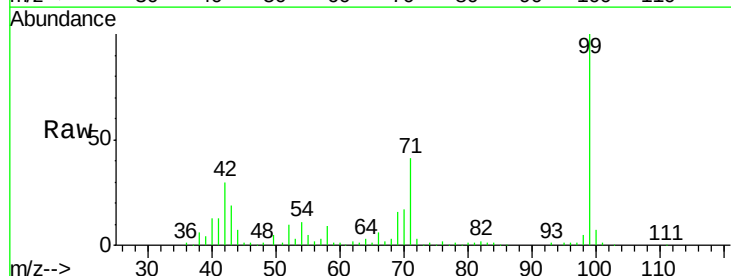
Instrument :
 BNA_F
 ClientSampleId :
 W-31

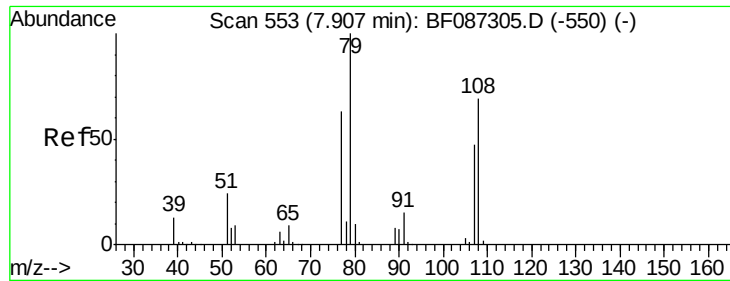
Tgt Ion: 112 Resp: 369669
 Ion Ratio Lower Upper
 112 100
 64 69.9 52.1 78.1
 63 39.5 25.7 38.5#



#7
 Phenol-d6
 Concen: 41.12 ng
 RT: 7.02 min Scan# 475
 Delta R.T. -0.06 min
 Lab File: BF087633.D
 Acq: 2 Jun 2016 00:19

Tgt Ion: 99 Resp: 335596
 Ion Ratio Lower Upper
 99 100
 42 30.3 13.6 20.4#
 71 41.2 24.6 36.8#





#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.17 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampled :

W-31

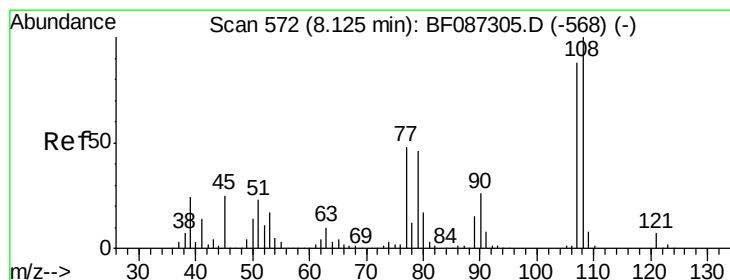
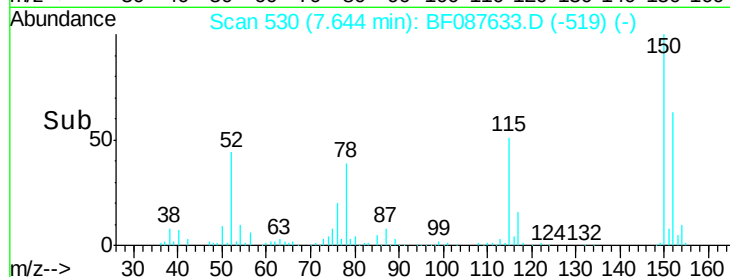
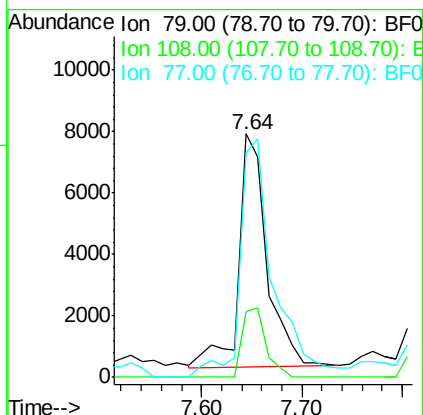
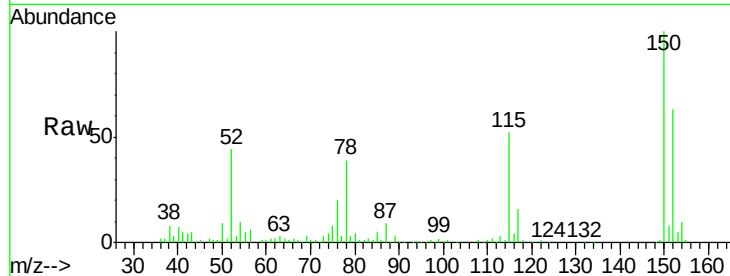
Tgt Ion: 79 Resp: 14677

Ion Ratio Lower Upper

79 100

108 27.0 68.4 102.6#

77 92.4 50.6 76.0#



#17

2-Methylphenol

Concen: 2.72 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Tgt Ion: 107 Resp: 16402

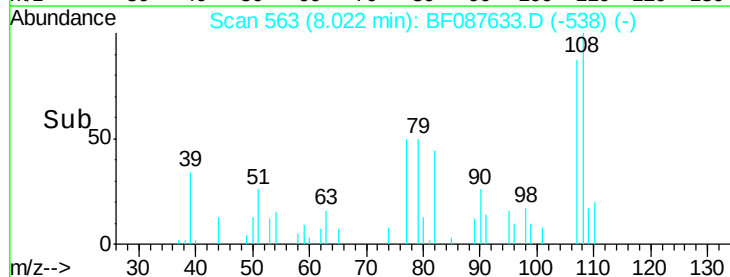
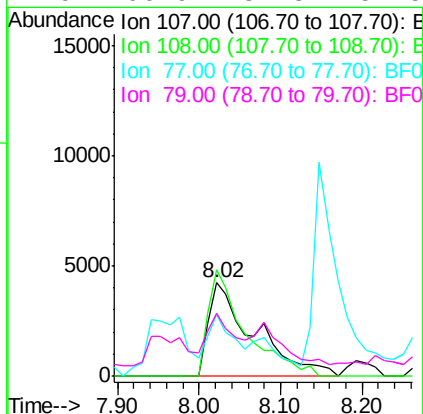
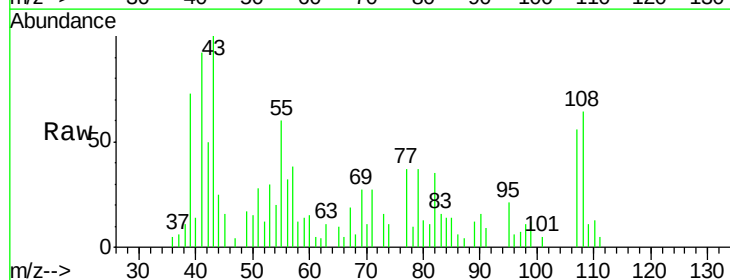
Ion Ratio Lower Upper

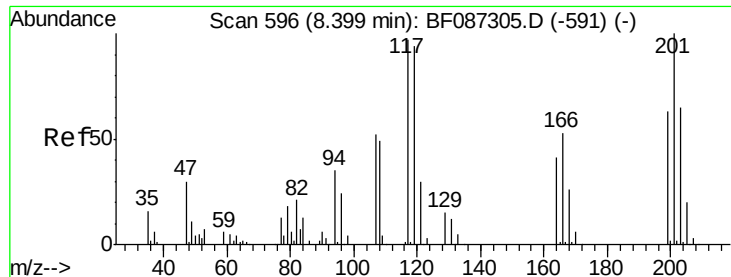
107 100

108 115.0 93.7 140.5

77 65.4 33.4 50.0#

79 66.9 34.3 51.5#

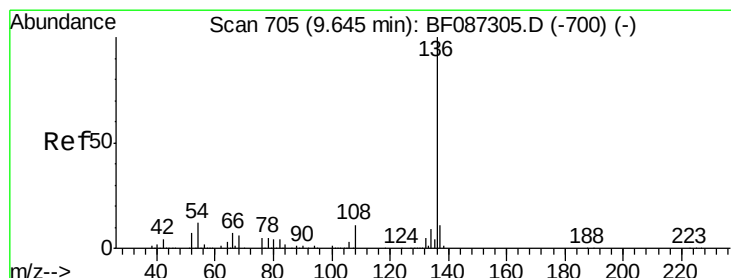
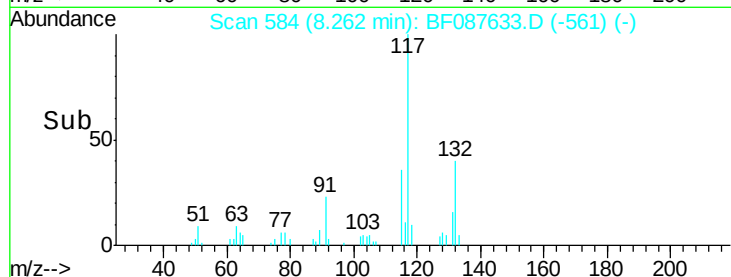
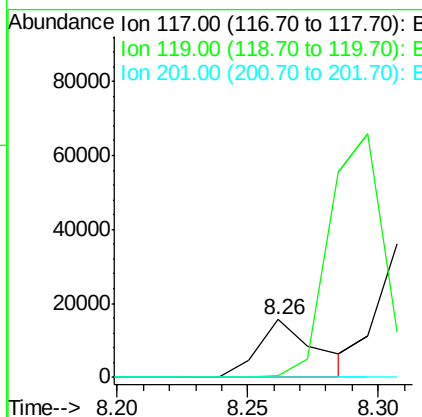
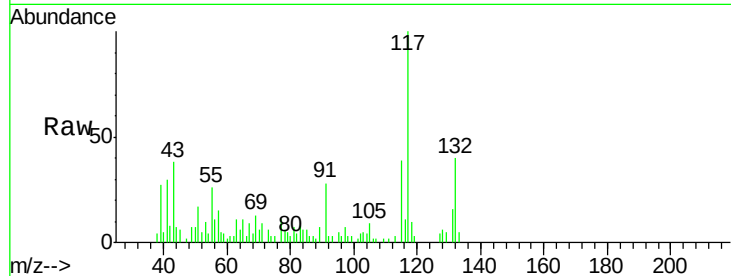




#18
Hexachloroethane
Concen: 7.67 ng
RT: 8.26 min Scan# 584
Delta R.T. -0.03 min
Lab File: BF087633.D
Acq: 2 Jun 2016 00:19

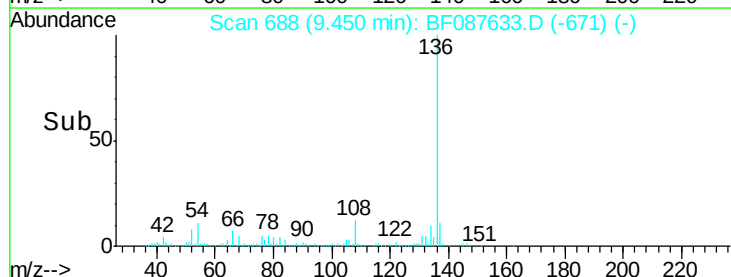
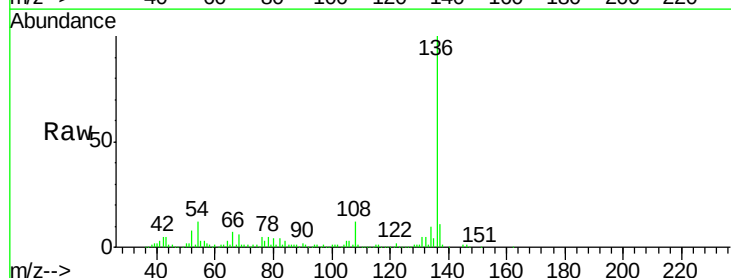
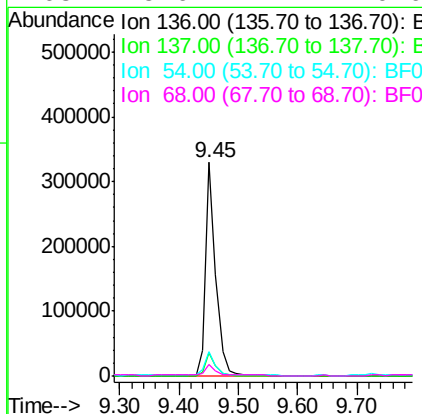
Instrument :
BNA_F
ClientSampled :
W-31

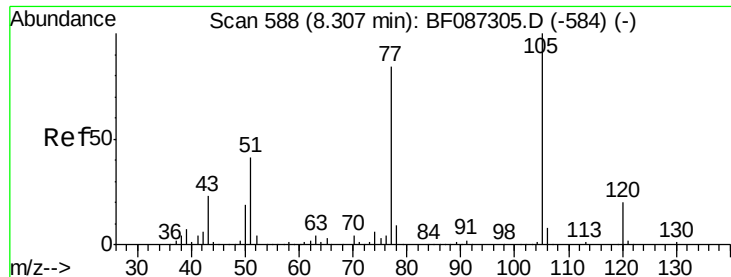
Tgt Ion:117 Resp: 24135
Ion Ratio Lower Upper
117 100
119 3.1 76.5 114.7#
201 0.0 63.0 94.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.10 min
Lab File: BF087633.D
Acq: 2 Jun 2016 00:19

Tgt Ion:136 Resp: 404987
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.5 5.0 7.4#
68 5.6 4.4 6.6





#22

Acetophenone

Concen: 2.32 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.07 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampleId :

W-31

Tgt Ion: 105 Resp: 22417

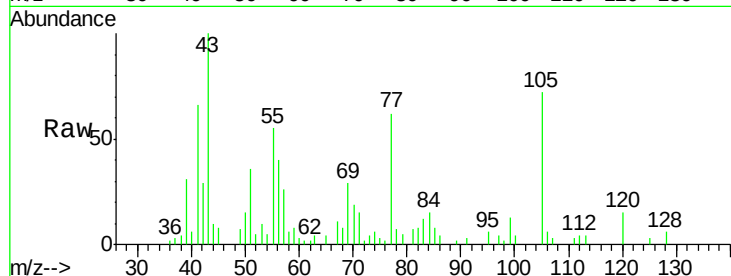
Ion Ratio Lower Upper

105 100

71 21.3 4.8 7.2#

51 50.3 32.6 49.0#

120 20.2 16.5 24.7



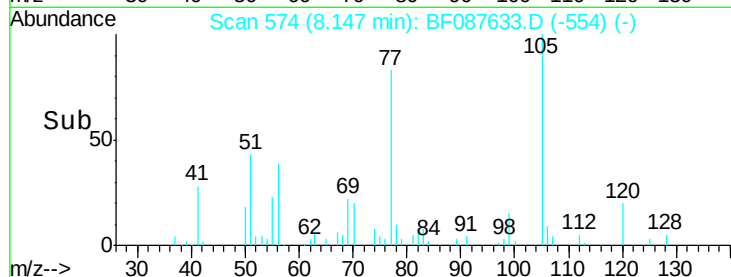
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->

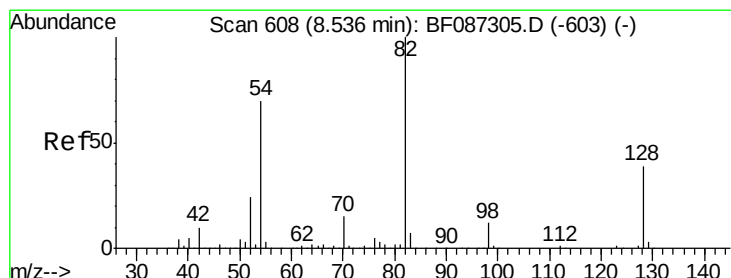
8.15

10000

5000

0

8.10 8.15 8.20 8.25



#23

Nitrobenzene-d5

Concen: 87.73 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.10 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

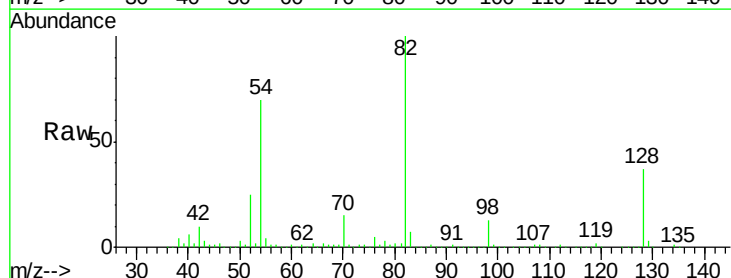
Tgt Ion: 82 Resp: 704945

Ion Ratio Lower Upper

82 100

128 37.1 40.6 61.0#

54 70.5 38.1 57.1#

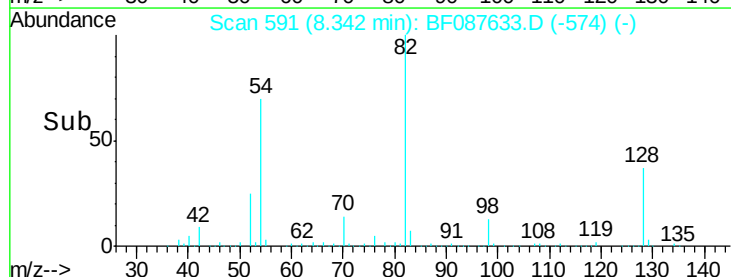


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



Time-->

8.34

600000

500000

400000

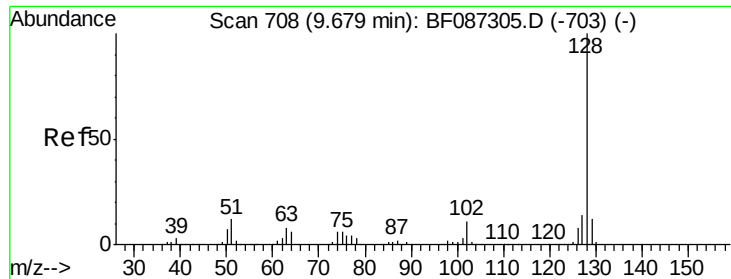
300000

200000

100000

0

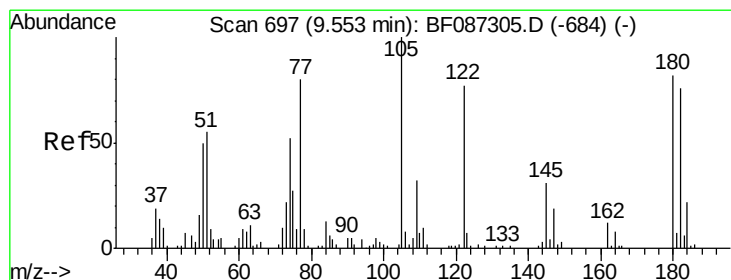
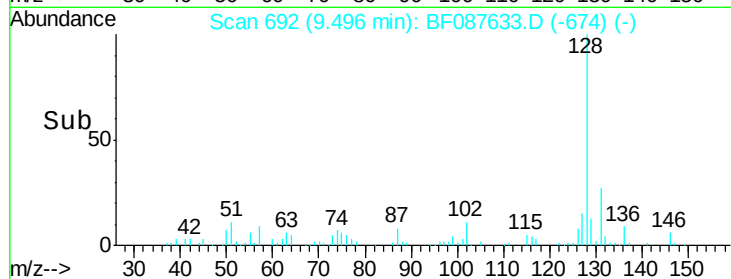
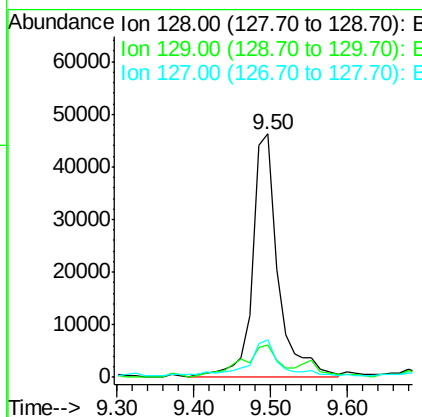
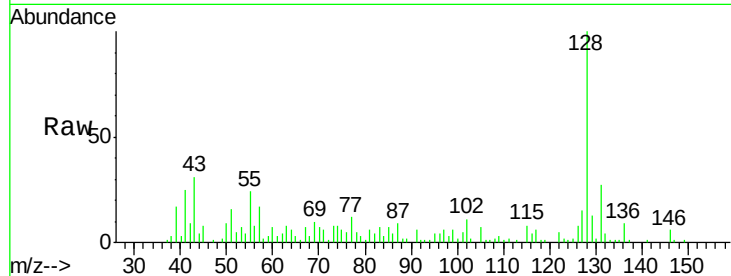
8.20 8.40 8.60



#31
Naphthalene
Concen: 5.26 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.09 min
Lab File: BF087633.D
Acq: 2 Jun 2016 00:19

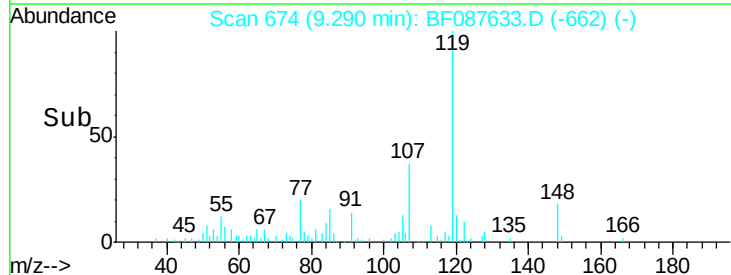
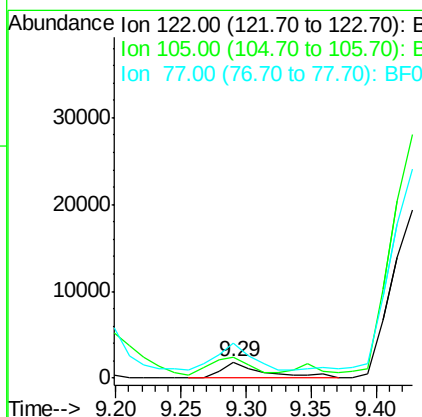
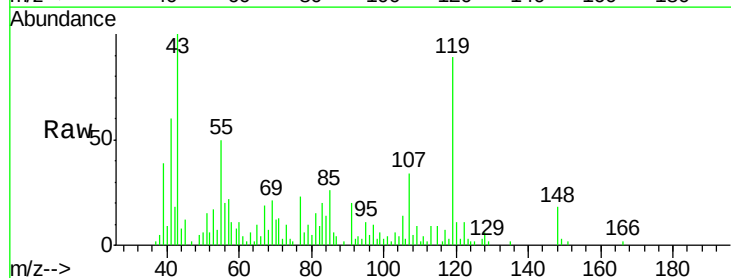
Instrument :
BNA_F
ClientSampleId :
W-31

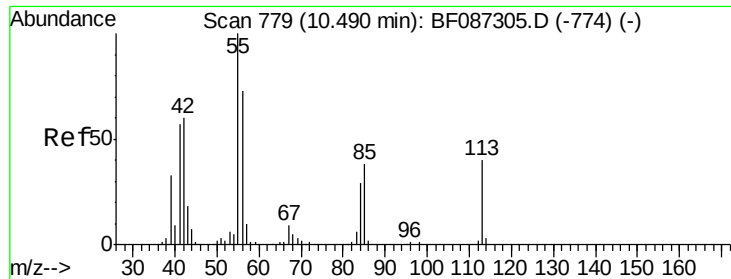
Tgt Ion:128 Resp: 106783
Ion Ratio Lower Upper
128 100
129 13.5 8.6 13.0#
127 15.3 10.8 16.2



#32
Benzoic acid
Concen: 7.01 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.16 min
Lab File: BF087633.D
Acq: 2 Jun 2016 00:19

Tgt Ion:122 Resp: 4197
Ion Ratio Lower Upper
122 100
105 132.4 92.6 132.6
77 217.2 60.0 100.0#

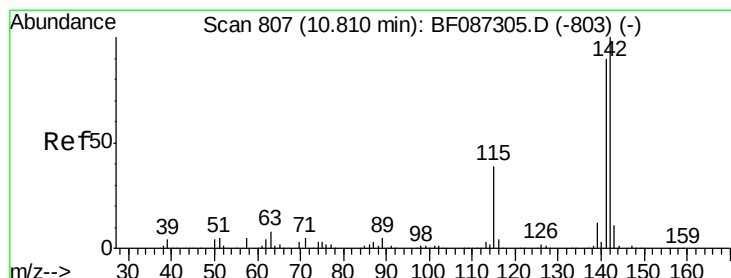
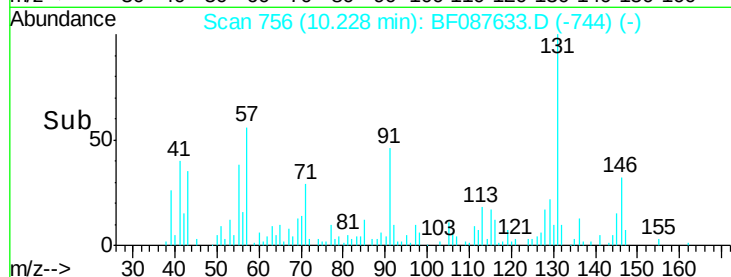
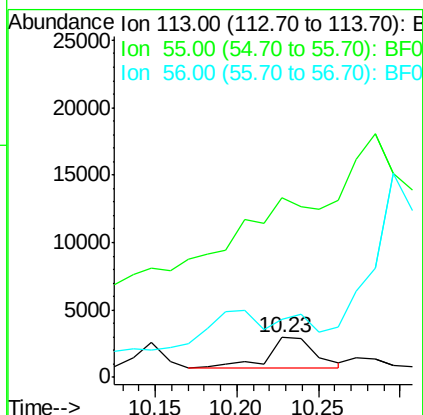
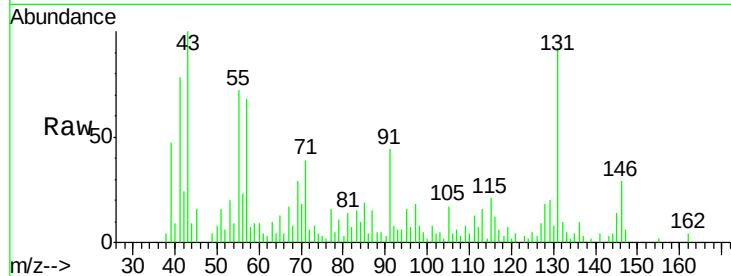




#35
 Caprolactam
 Concen: 2.92 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.16 min
 Lab File: BF087633.D
 Acq: 2 Jun 2016 00:19

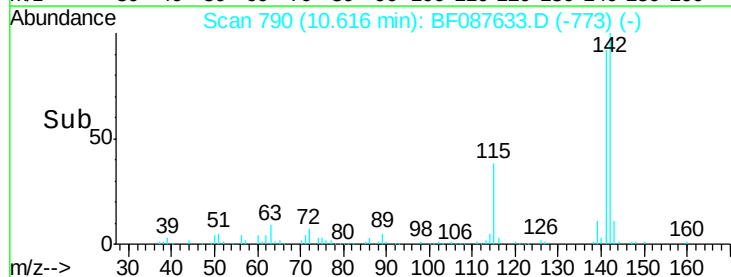
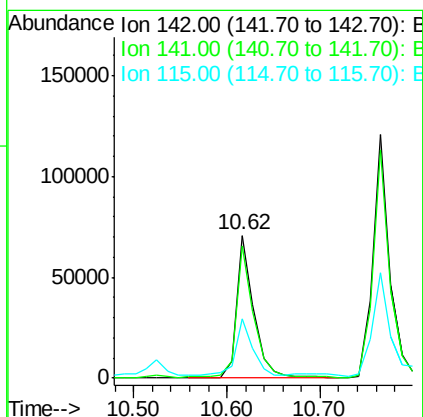
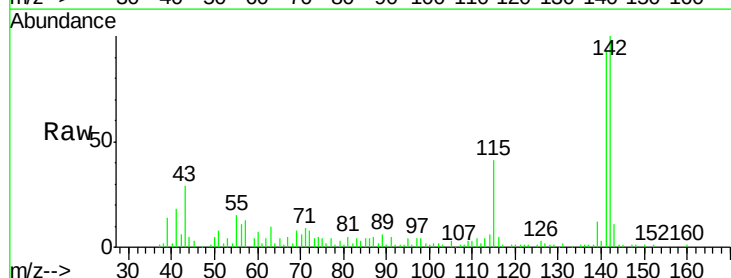
Instrument :
 BNA_F
 ClientSampleID :
 W-31

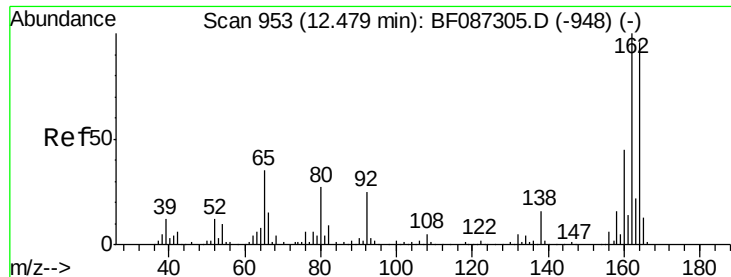
Tgt Ion:113 Resp: 4629
 Ion Ratio Lower Upper
 113 100
 55 451.0 162.0 202.0#
 56 144.7 115.3 155.3



#37
 2-Methylnaphthalene
 Concen: 7.26 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.10 min
 Lab File: BF087633.D
 Acq: 2 Jun 2016 00:19

Tgt Ion:142 Resp: 91982
 Ion Ratio Lower Upper
 142 100
 141 93.0 71.0 106.6
 115 41.2 26.6 39.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.11 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampleId :

W-31

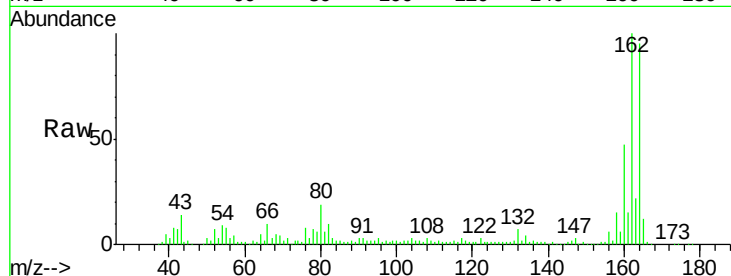
Tgt Ion:164 Resp: 181756

Ion Ratio Lower Upper

164 100

162 105.5 82.8 124.2

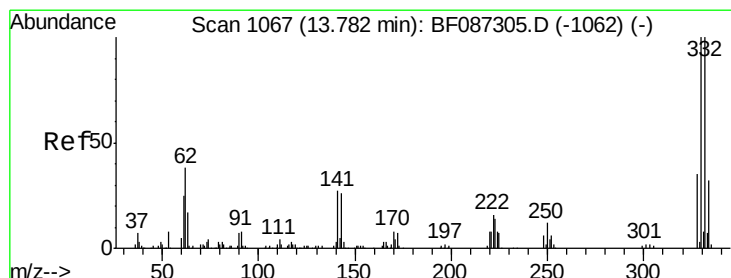
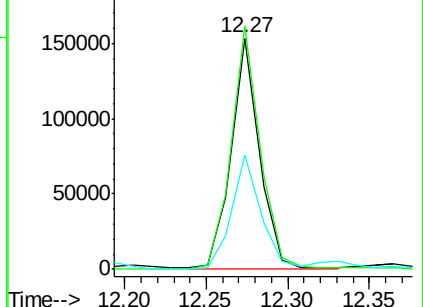
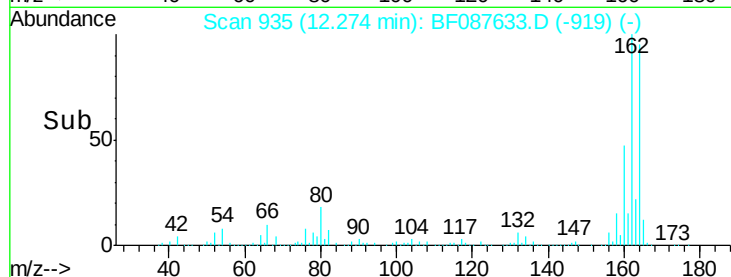
160 49.6 36.9 55.3



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: 153.22 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.09 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

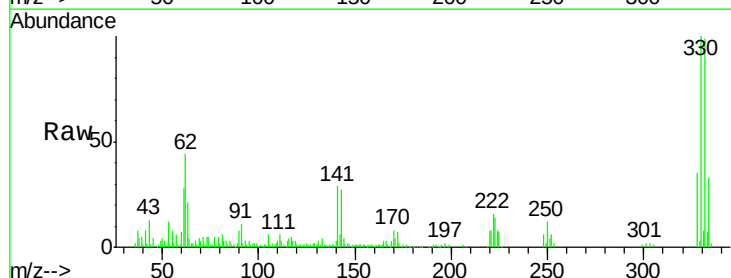
Tgt Ion:330 Resp: 267611

Ion Ratio Lower Upper

330 100

332 97.9 79.0 118.4

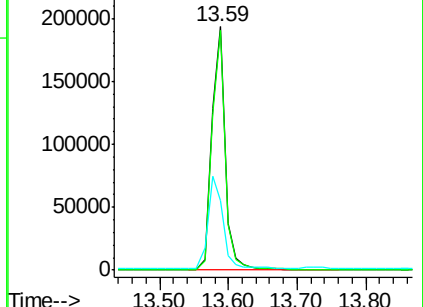
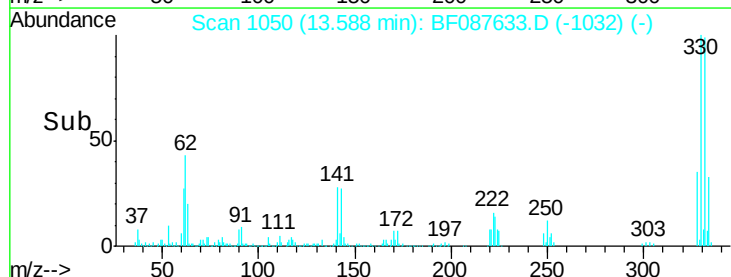
141 41.9 31.2 46.8

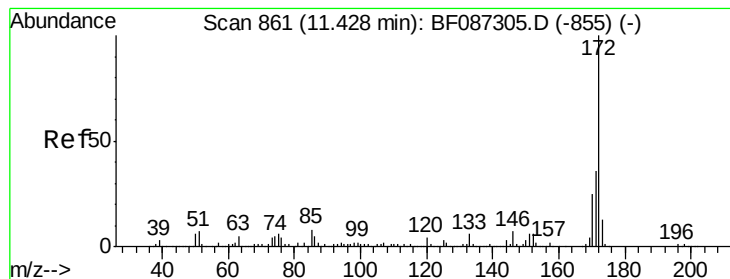


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

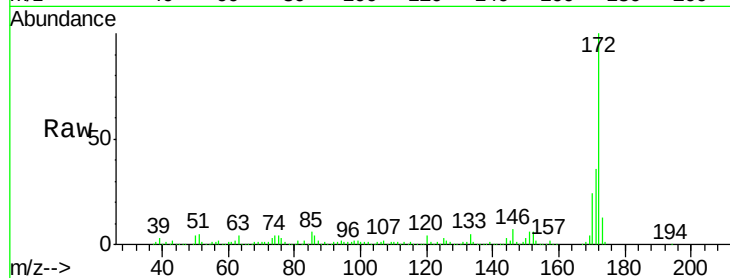




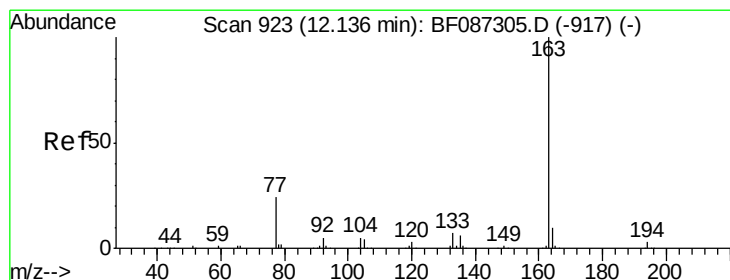
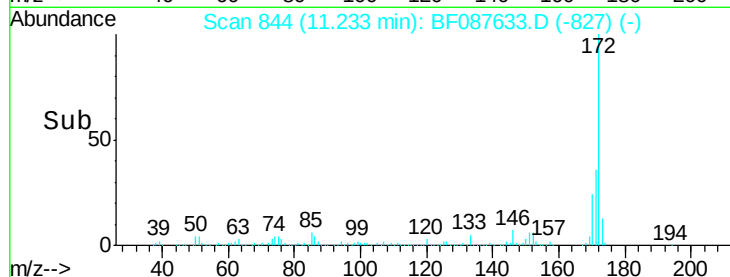
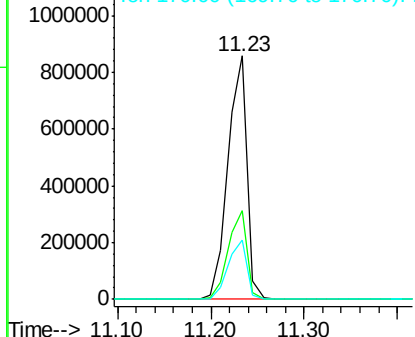
#44
2-Fluorobiphenyl
Concen: 94.95 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.10 min
Lab File: BF087633.D
Acq: 2 Jun 2016 00:19

Instrument :
BNA_F
ClientSampleId :
W-31

Tgt Ion:172 Resp: 1224101
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.4 19.8 29.8

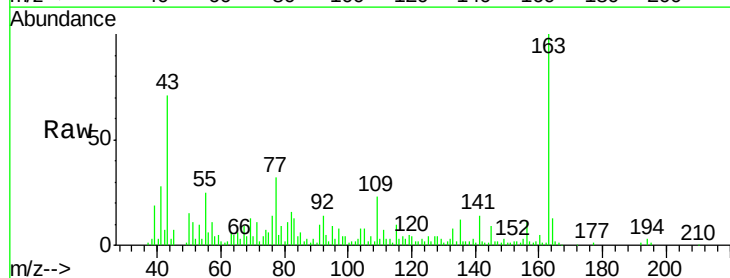


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

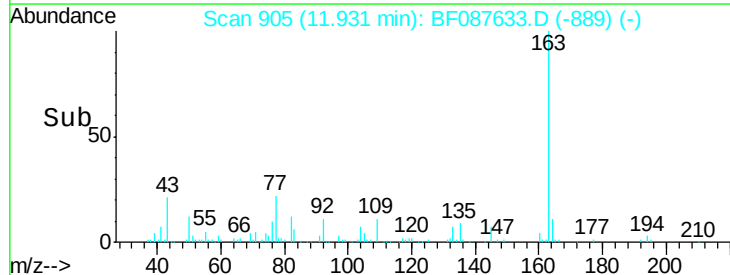
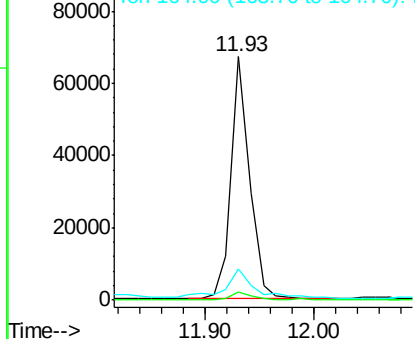


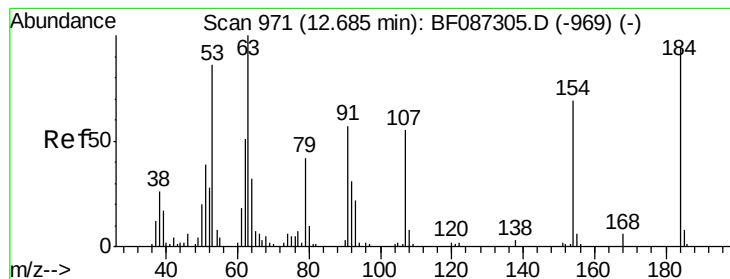
#49
Dimethylphthalate
Concen: 5.39 ng
RT: 11.93 min Scan# 905
Delta R.T. -0.11 min
Lab File: BF087633.D
Acq: 2 Jun 2016 00:19

Tgt Ion:163 Resp: 78505
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 12.7 8.2 12.4#



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





#53

2,4-Dinitrophenol

Concen: 6.69 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.02 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampleId :

W-31

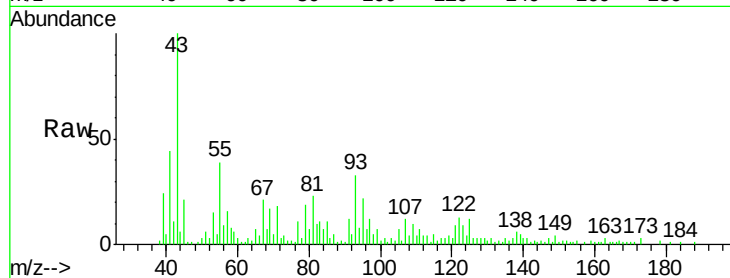
Tgt Ion:184 Resp: 239

Ion Ratio Lower Upper

184 100

63 419.0 55.8 83.8#

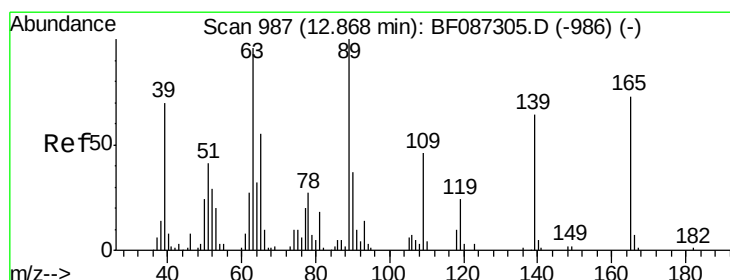
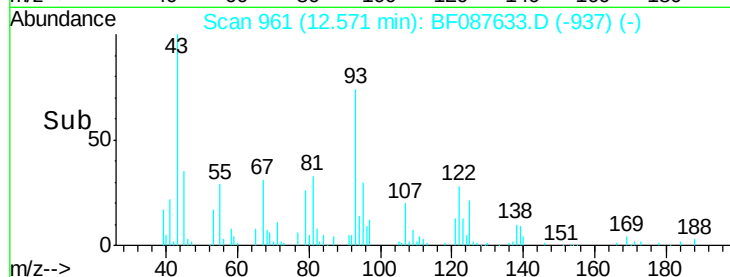
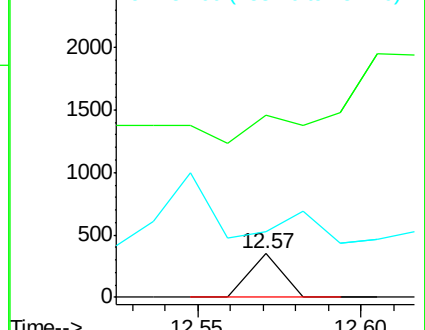
154 150.9 62.4 93.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#55

4-Nitrophenol

Concen: 2.09 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.14 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

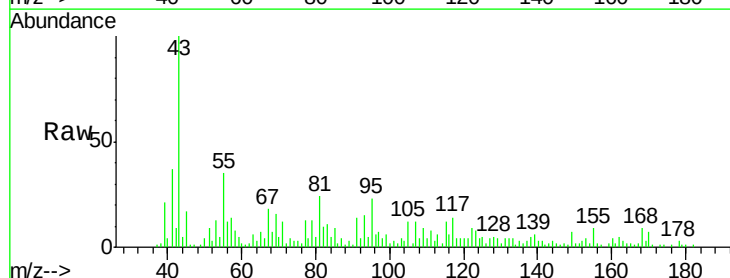
Tgt Ion:139 Resp: 2996

Ion Ratio Lower Upper

139 100

109 148.8 36.9 76.9#

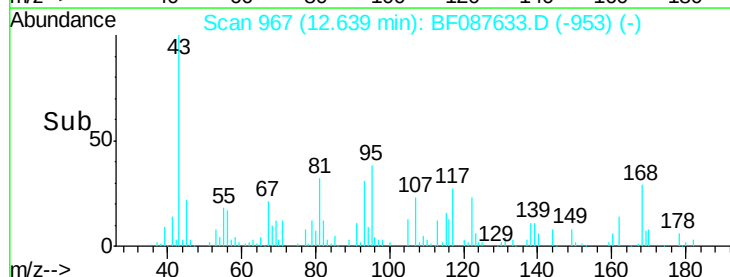
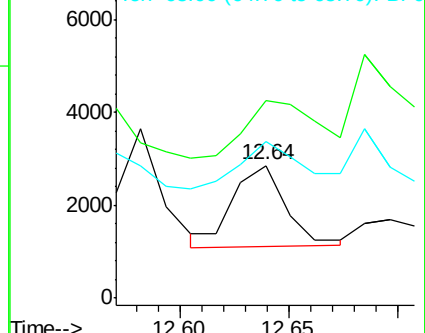
65 118.2 64.0 104.0#

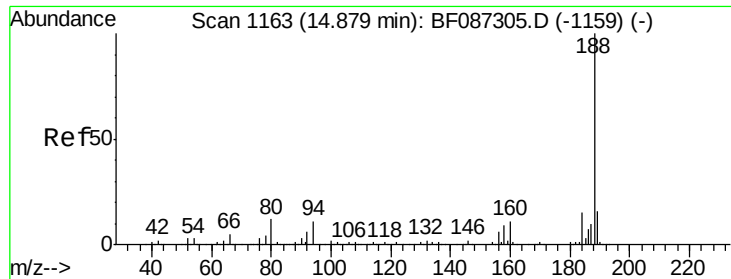


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

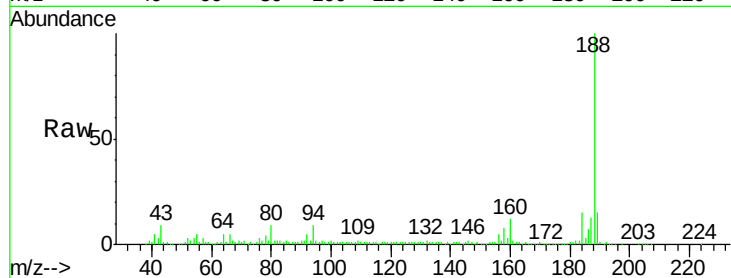




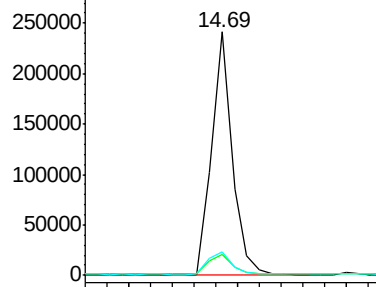
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF087633.D
Acq: 2 Jun 2016 00:19

Instrument :
BNA_F
ClientSampleId :
W-31

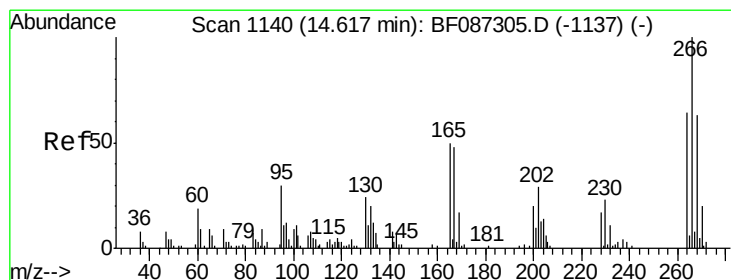
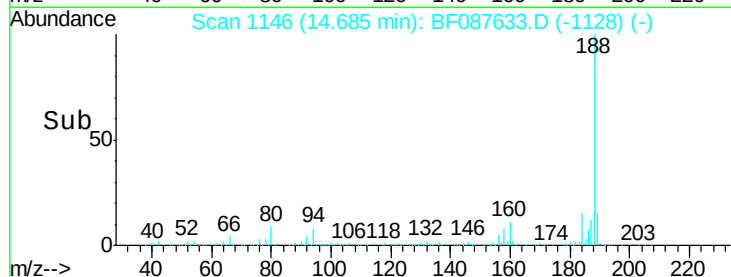
Tgt Ion:188 Resp: 315660
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.4 7.1 10.7



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

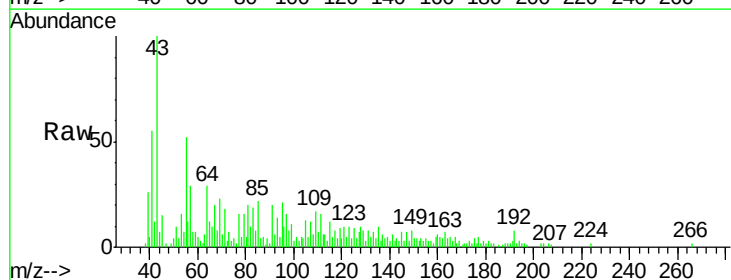


Time-->

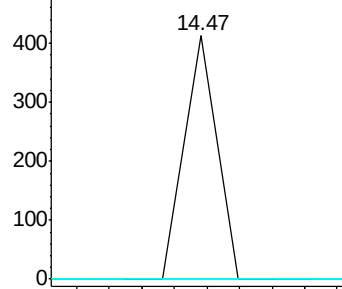


#69
Pentachlorophenol
Concen: 6.41 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF087633.D
Acq: 2 Jun 2016 00:19

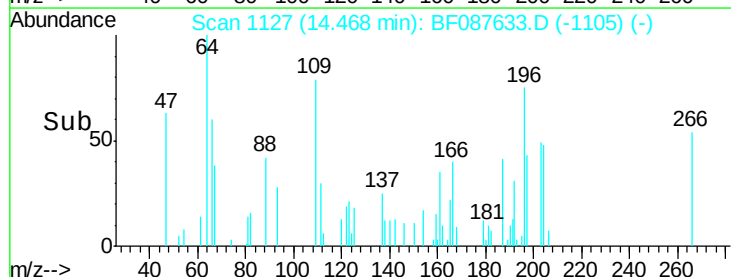
Tgt Ion:266 Resp: 283
Ion Ratio Lower Upper
266 100
268 0.0 51.5 77.3#
264 0.0 52.9 79.3#

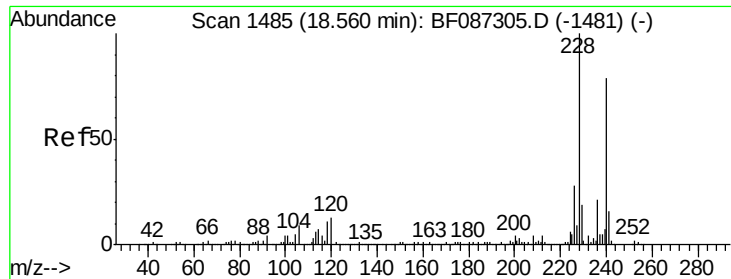


Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.41 min Scan# 1472

Delta R.T. -0.07 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

Instrument :

BNA_F

ClientSampleId :

W-31

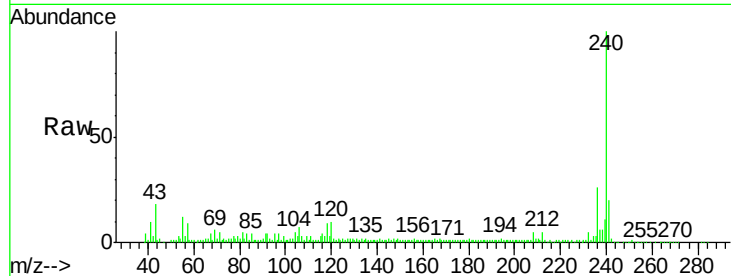
Tgt Ion:240 Resp: 197872

Ion Ratio Lower Upper

240 100

120 10.1 11.2 16.8#

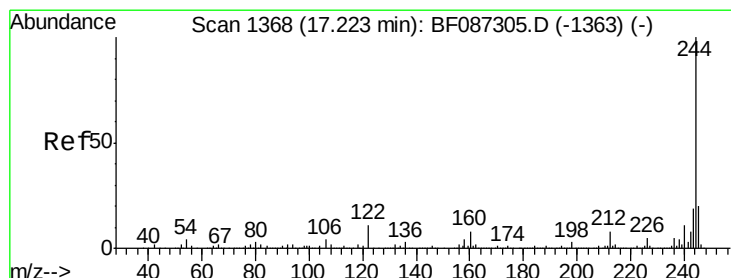
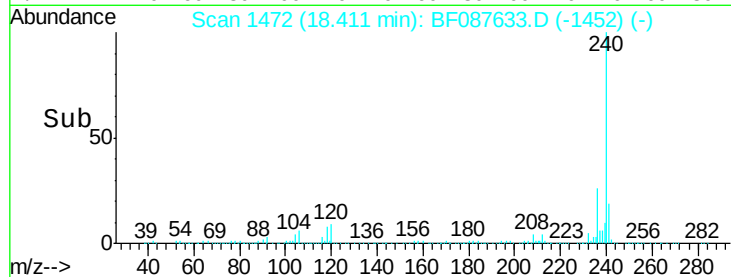
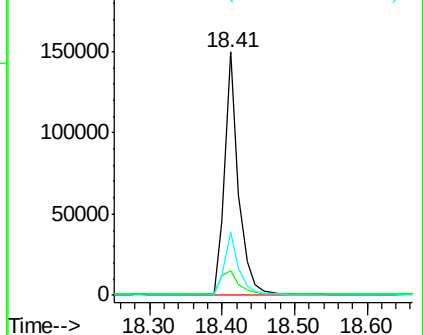
236 26.1 21.2 31.8



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: 98.49 ng

RT: 17.04 min Scan# 1352

Delta R.T. -0.09 min

Lab File: BF087633.D

Acq: 2 Jun 2016 00:19

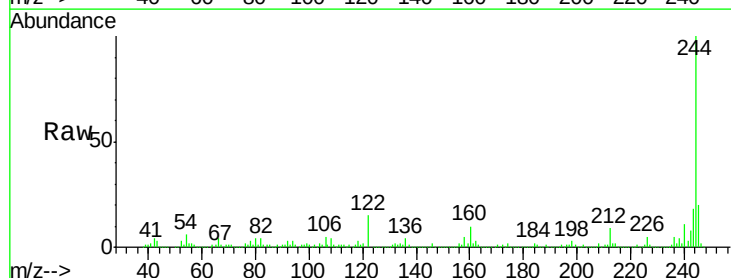
Tgt Ion:244 Resp: 916654

Ion Ratio Lower Upper

244 100

212 8.5 6.2 9.2

122 14.7 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

