

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
 Data File : BF087632.D
 Acq On : 1 Jun 2016 23:45
 Operator : UM/SJ
 Sample : H3349-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Quant Time: Jun 02 02:04:33 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

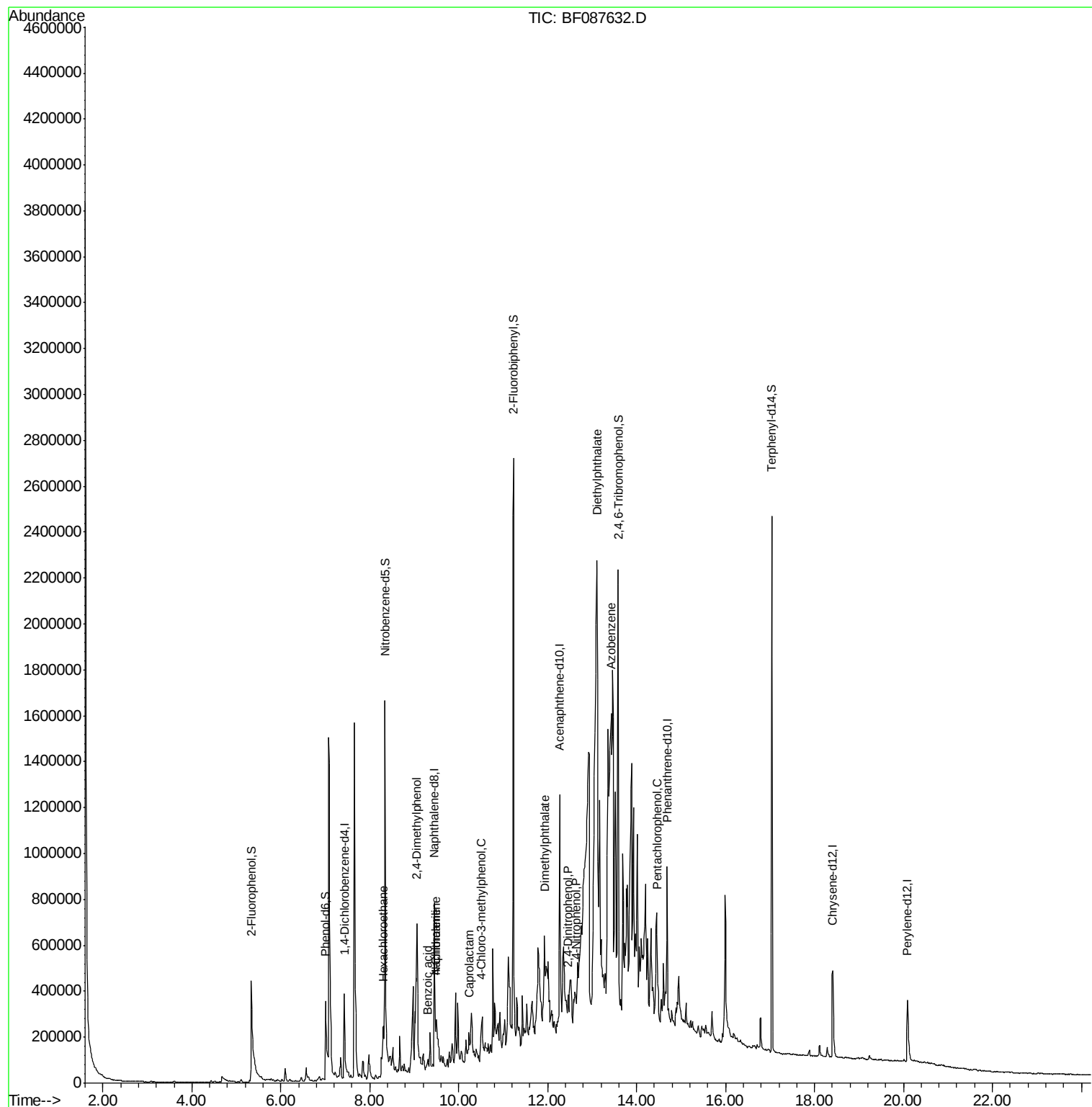
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	100585	20.00	ng	-0.09
21) Naphthalene-d8	9.45	136	393700	20.00	ng	-0.10
38) Acenaphthene-d10	12.27	164	214757	20.00	ng	-0.11
63) Phenanthrene-d10	14.69	188	333021	20.00	ng	-0.09
75) Chrysene-d12	18.41	240	250554	20.00	ng	-0.07
86) Perylene-d12	20.09	264	184590	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	347773	60.75	ng	-0.08
7) Phenol-d6	7.00	99	311591	40.28	ng	-0.07
23) Nitrobenzene-d5	8.34	82	753349	96.44	ng	-0.10
41) 2,4,6-Tribromophenol	13.59	330	300919	145.81	ng	-0.09
44) 2-Fluorobiphenyl	11.23	172	1253714	82.30	ng	-0.10
78) Terphenyl-d14	17.04	244	1008123	85.54	ng	-0.09
Target Compounds						Qvalue
18) Hexachloroethane	8.31	117	127767	42.85	ng	# 19
27) 2,4-Dimethylphenol	9.06	122	54057	9.24	ng	# 85
31) Naphthalene	9.50	128	112364	5.70	ng	# 95
32) Benzoic acid	9.30	122	3410	6.82	ng	# 50
33) 4-Chloroaniline	9.50	127	21070	2.90	ng	# 44
35) Caprolactam	10.24	113	3744	2.43	ng	# 1
36) 4-Chloro-3-methylphenol	10.51	107	17068	2.86	ng	# 21
49) Dimethylphthalate	11.93	163	79702	4.63	ng	# 78
53) 2,4-Dinitrophenol	12.45	184	2700	7.94	ng	# 1
55) 4-Nitrophenol	12.64	139	5196	3.06	ng	# 27
59) Diethylphthalate	13.11	149	720907	43.10	ng	# 72
62) Azobenzene	13.43	77	112599	6.49	ng	# 7
69) Pentachlorophenol	14.46	266	266	6.39	ng	# 17

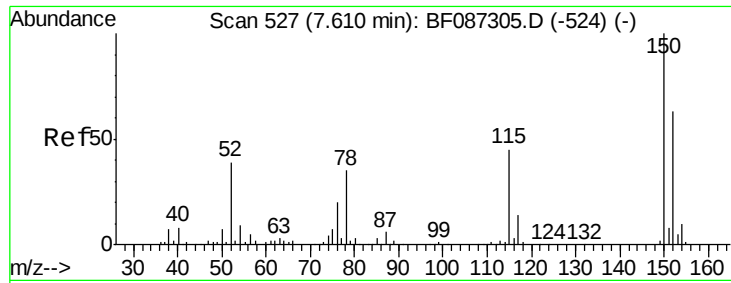
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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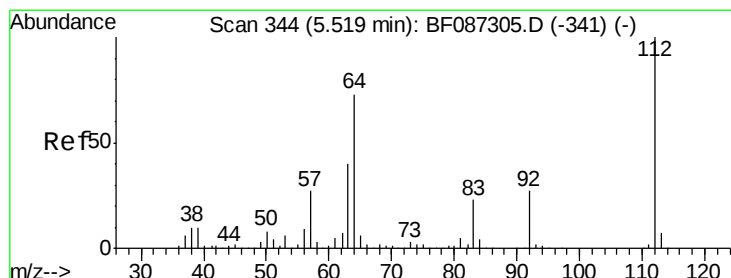
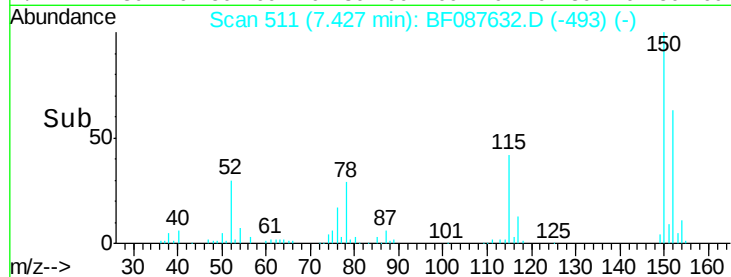
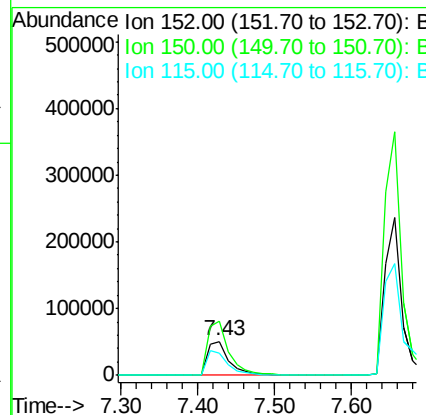
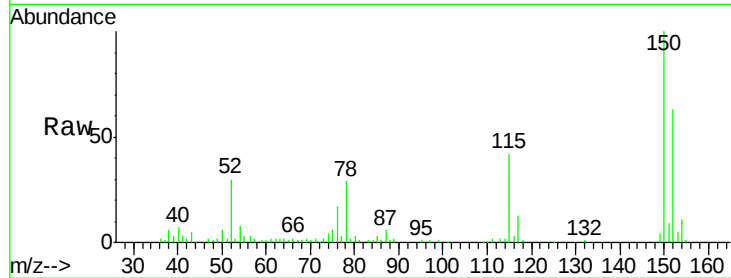


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.09 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

Instrument :
BNA_F
ClientSampled :
W-15

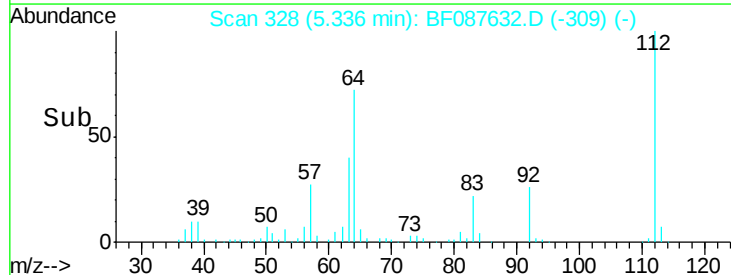
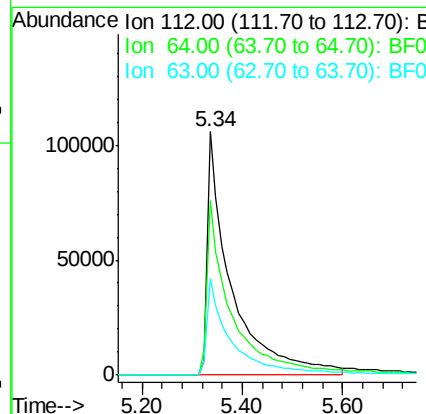
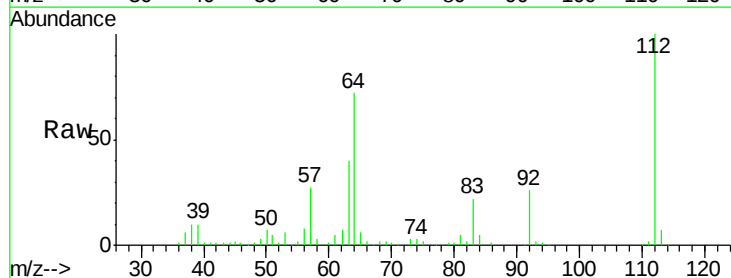
Tgt Ion:152 Resp: 100585
Ion Ratio Lower Upper
152 100
150 159.1 125.8 188.6
115 66.3 51.5 77.3



#5

2-Fluorophenol
Concen: 60.75 ng
RT: 5.34 min Scan# 328
Delta R.T. -0.08 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

Tgt Ion:112 Resp: 347773
Ion Ratio Lower Upper
112 100
64 71.9 52.1 78.1
63 39.6 25.7 38.5#





#7

Phenol-d6

Concen: 40.28 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.07 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

Instrument :

BNA_F

ClientSampleId :

W-15

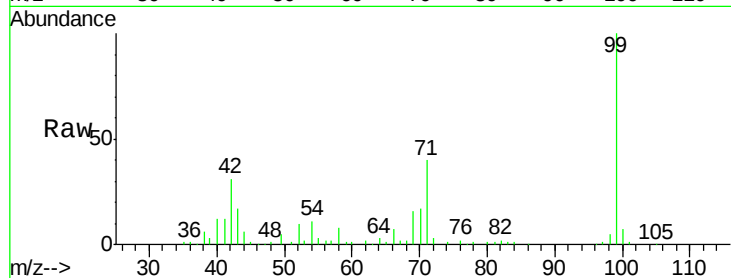
Tgt Ion: 99 Resp: 311591

Ion Ratio Lower Upper

99 100

42 30.8 13.6 20.4#

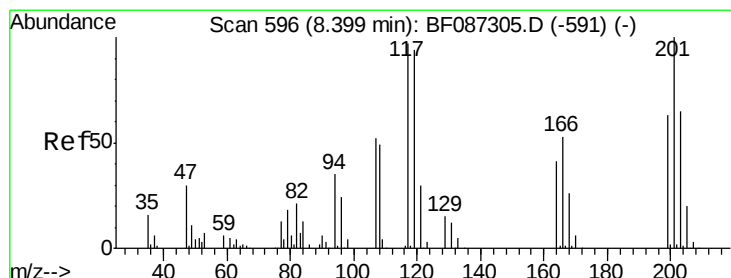
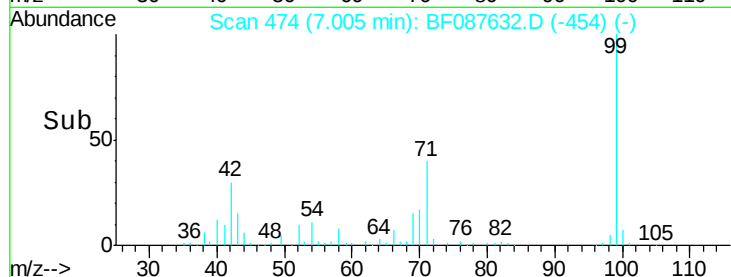
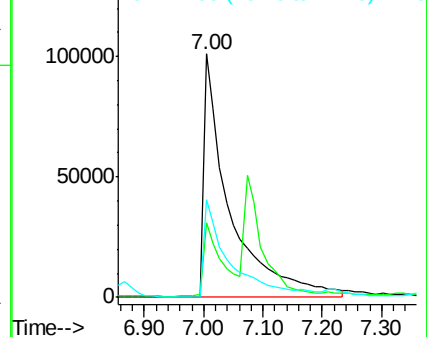
71 40.2 24.6 36.8#



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



#18

Hexachloroethane

Concen: 42.85 ng

RT: 8.31 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

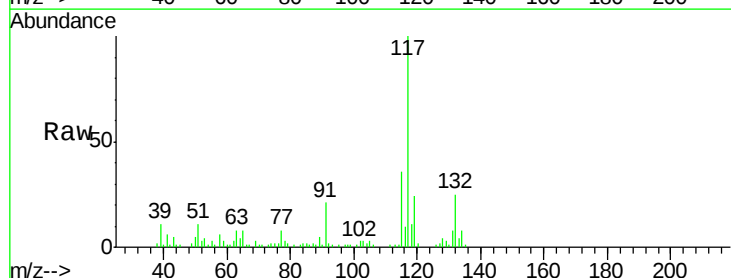
Tgt Ion: 117 Resp: 127767

Ion Ratio Lower Upper

117 100

119 24.2 76.5 114.7#

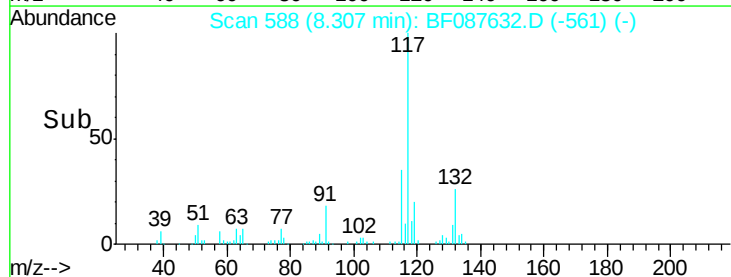
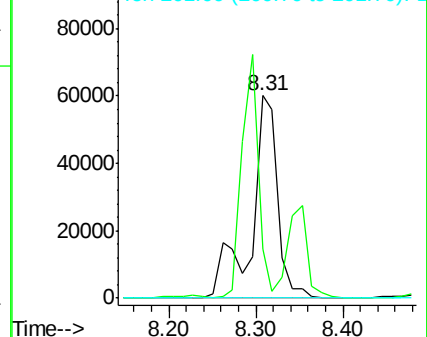
201 0.0 63.0 94.6#

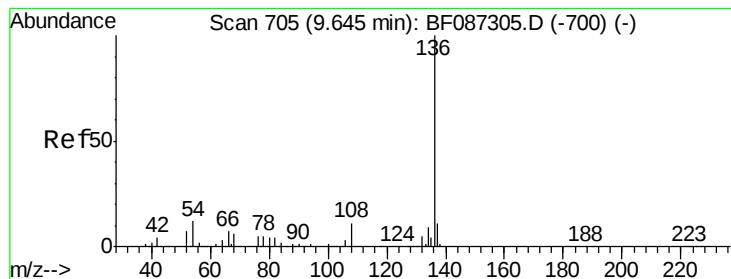


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.10 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 393700

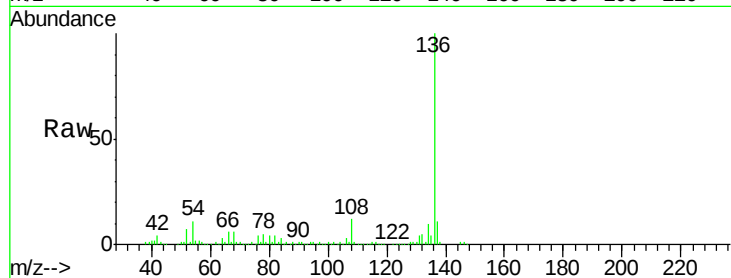
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 11.3 5.0 7.4#

68 5.5 4.4 6.6

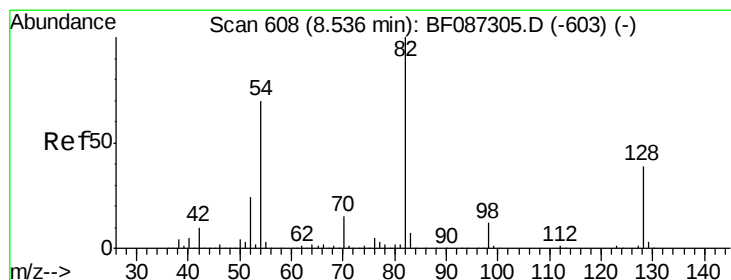
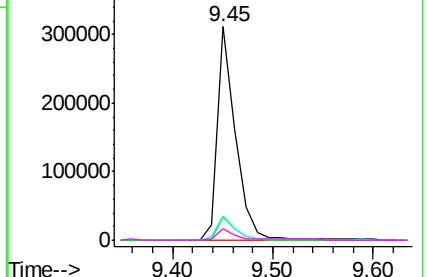
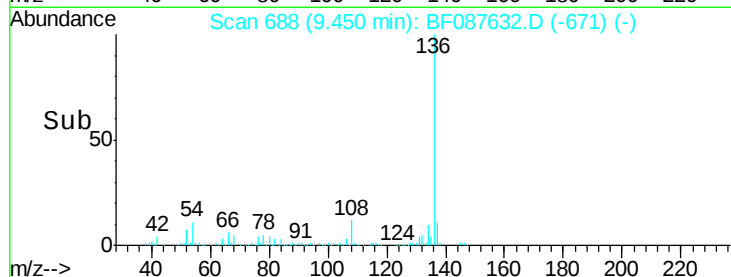


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.44 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.10 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

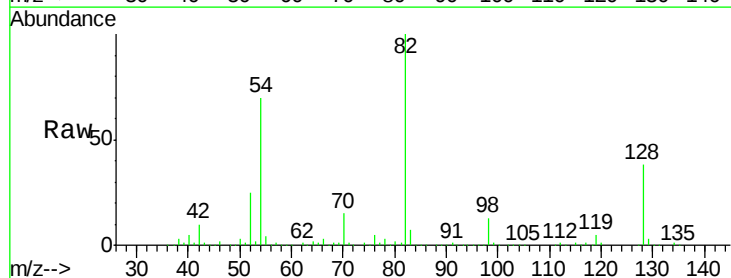
Tgt Ion: 82 Resp: 753349

Ion Ratio Lower Upper

82 100

128 38.4 40.6 61.0#

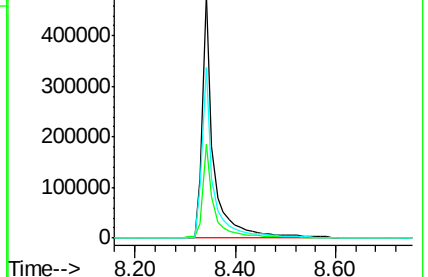
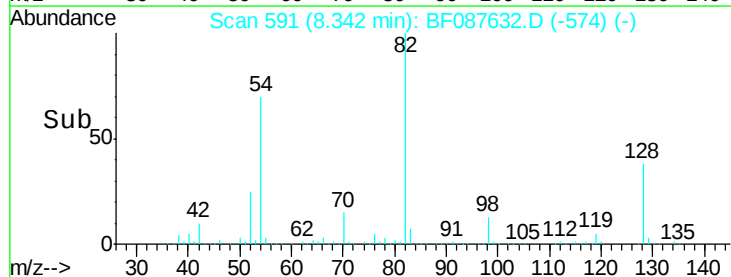
54 70.3 38.1 57.1#

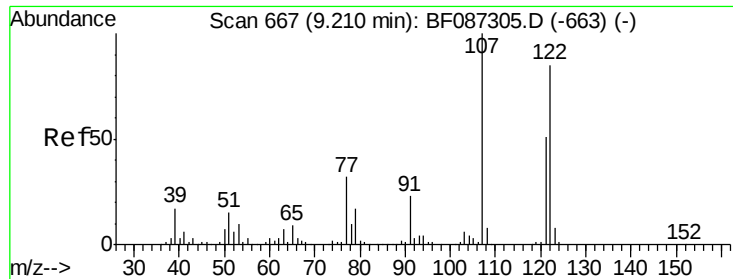


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

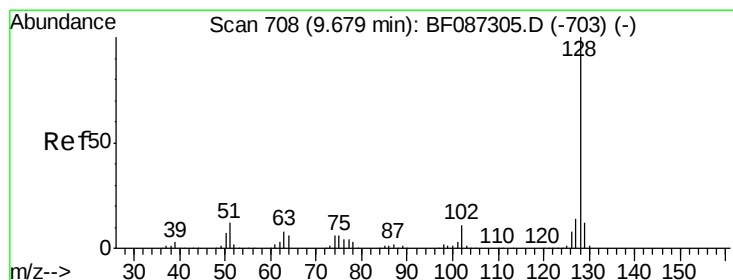
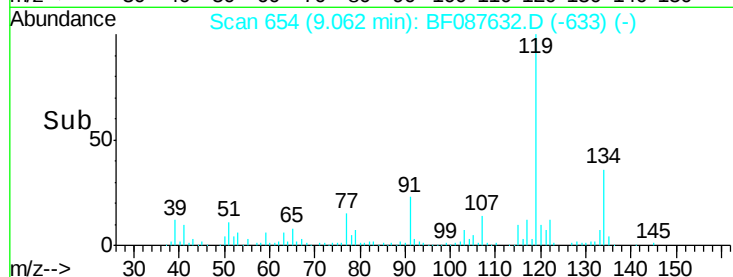
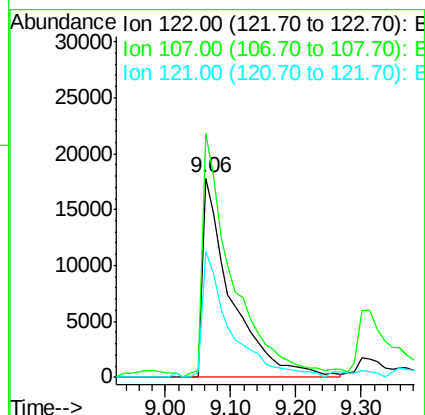
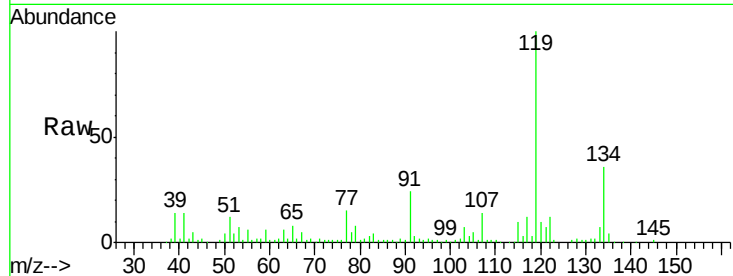




#27
2,4-Dimethylphenol
Concen: 9.24 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

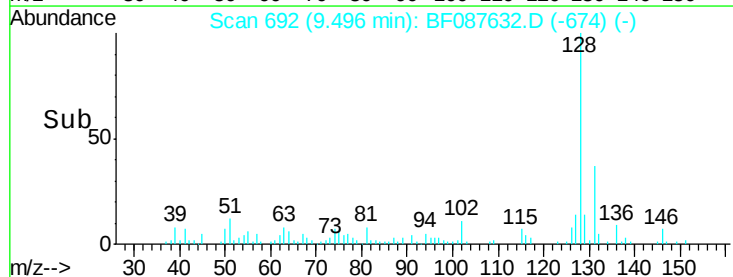
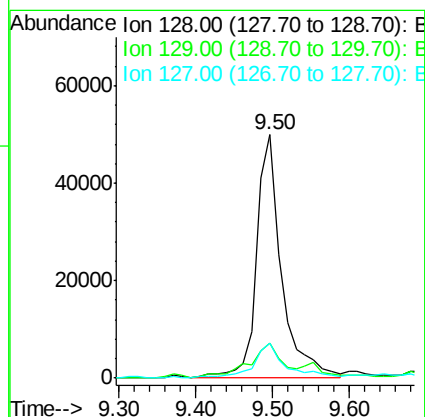
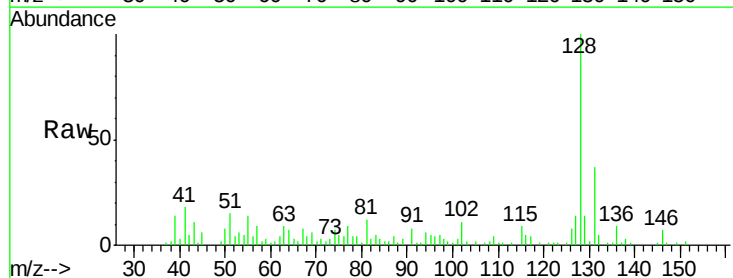
Instrument :
BNA_F
ClientSampleId :
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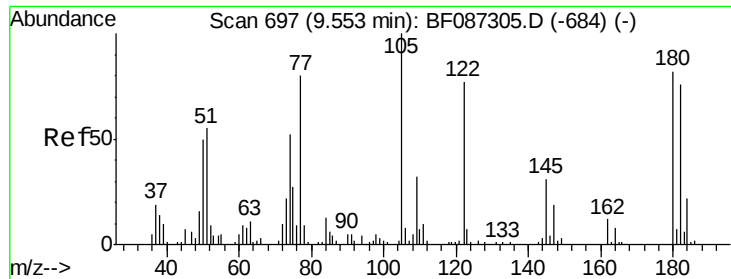
Tgt Ion:122 Resp: 54057
Ion Ratio Lower Upper
122 100
107 122.5 82.0 123.0
121 63.2 46.1 69.1



#31
Naphthalene
Concen: 5.70 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.09 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

Tgt Ion:128 Resp: 112364
Ion Ratio Lower Upper
128 100
129 14.3 8.6 13.0#
127 14.4 10.8 16.2





#32

Benzoic acid

Concen: 6.82 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.15 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

Instrument :

BNA_F

ClientSampleId :

W-15

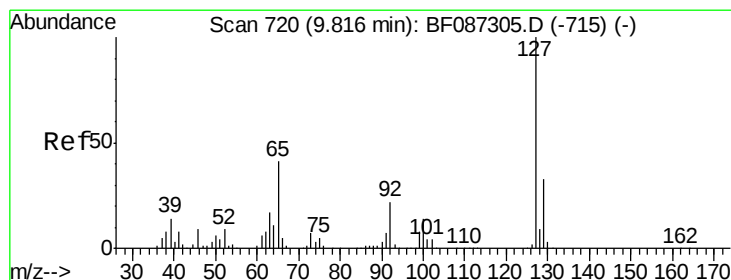
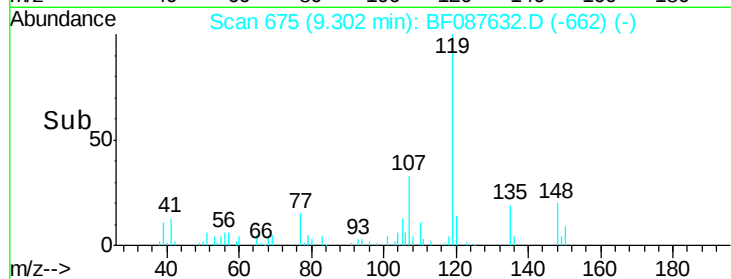
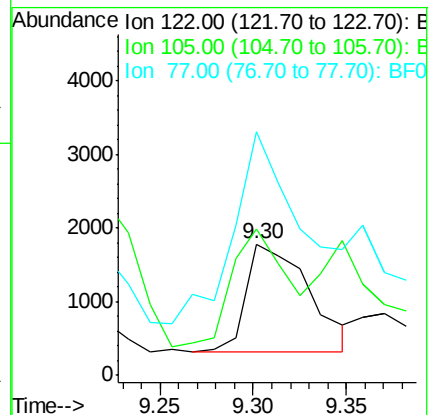
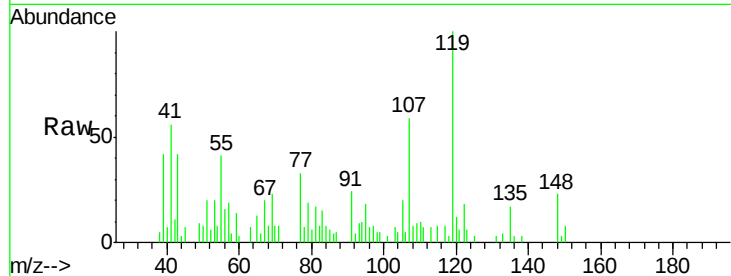
Tgt Ion:122 Resp: 3410

Ion Ratio Lower Upper

122 100

105 111.6 92.6 132.6

77 185.8 60.0 100.0#



#33

4-Chloroaniline

Concen: 2.90 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.24 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

Tgt Ion:127 Resp: 21070

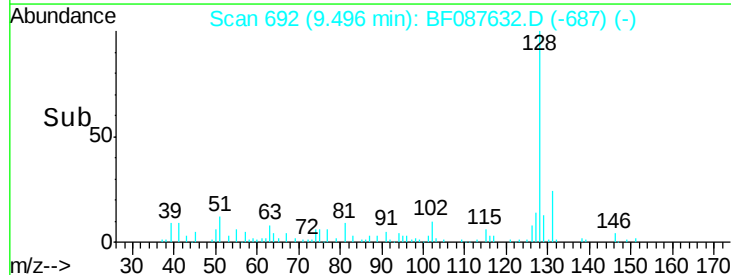
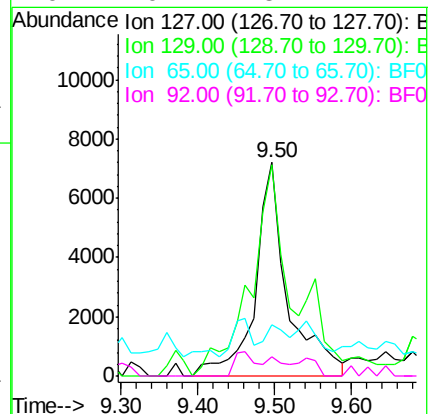
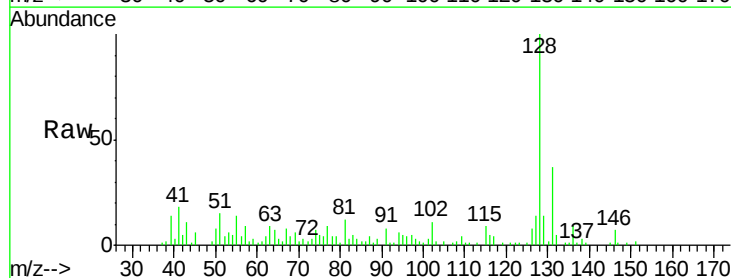
Ion Ratio Lower Upper

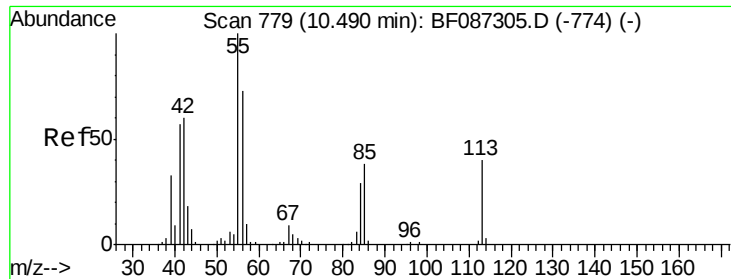
127 100

129 99.2 26.2 39.4#

65 24.0 23.0 34.4

92 9.1 15.1 22.7#

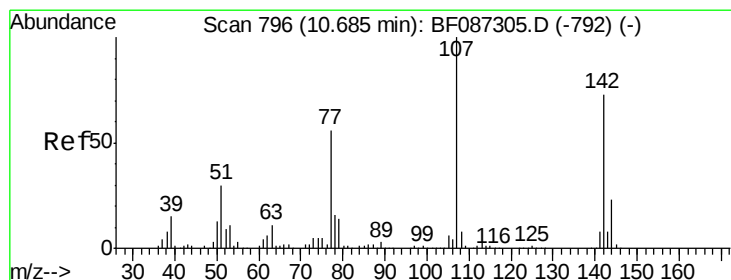
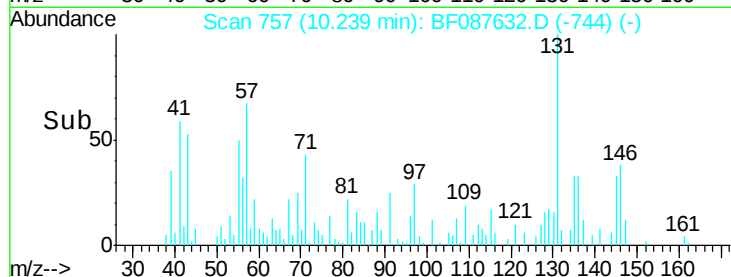
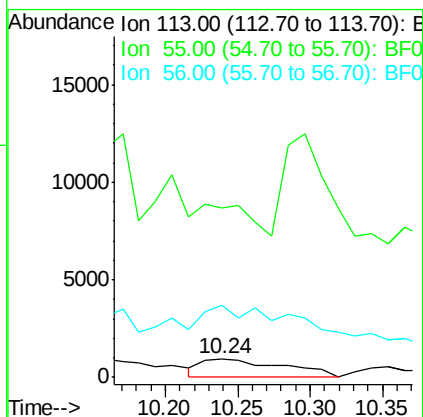
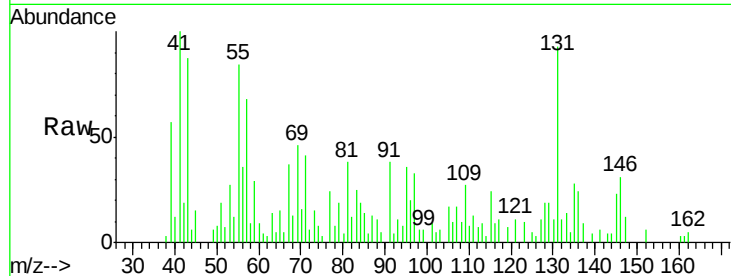




#35
Caprolactam
Concen: 2.43 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.15 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

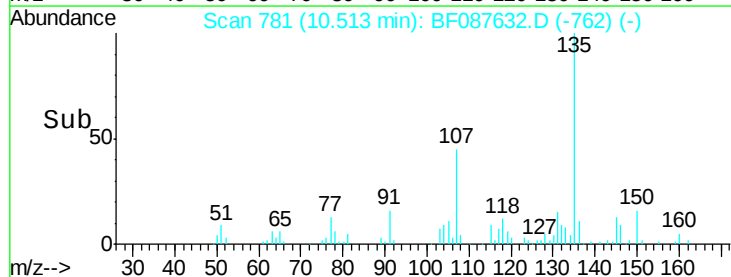
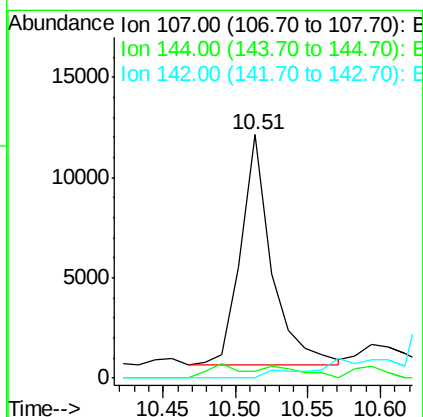
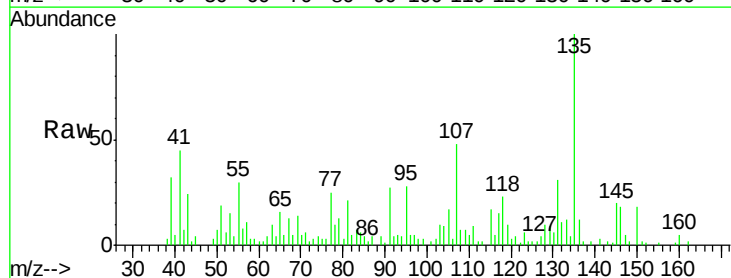
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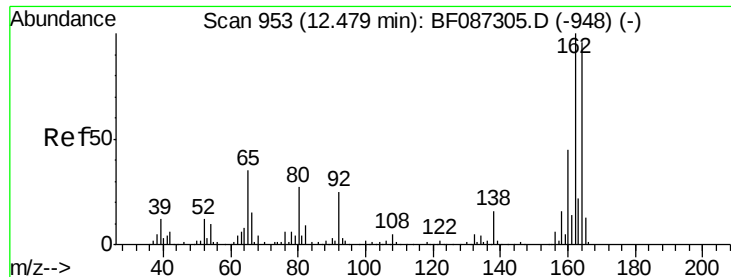
Tgt Ion:113 Resp: 3744
Ion Ratio Lower Upper
113 100
55 916.7 162.0 202.0#
56 389.9 115.3 155.3#



#36
4-Chloro-3-methylphenol
Concen: 2.86 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.08 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

Tgt Ion:107 Resp: 17068
Ion Ratio Lower Upper
107 100
144 2.7 20.7 31.1#
142 0.0 63.2 94.8#

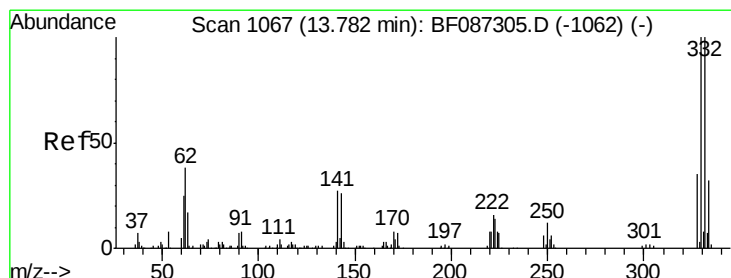
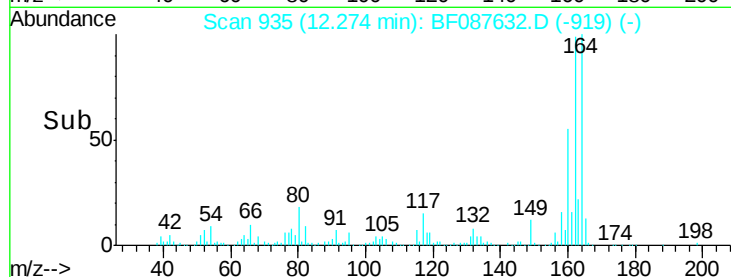
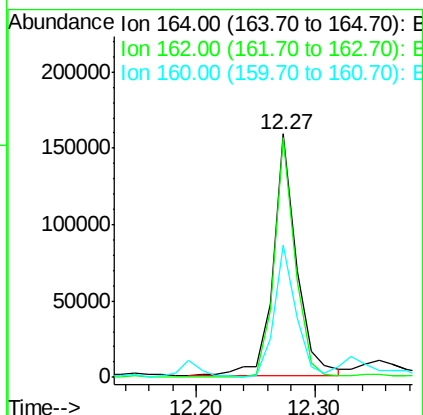
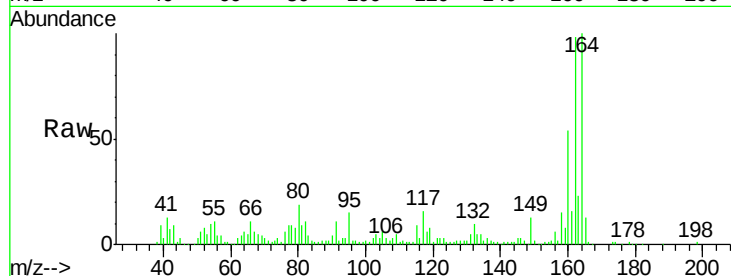




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.11 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

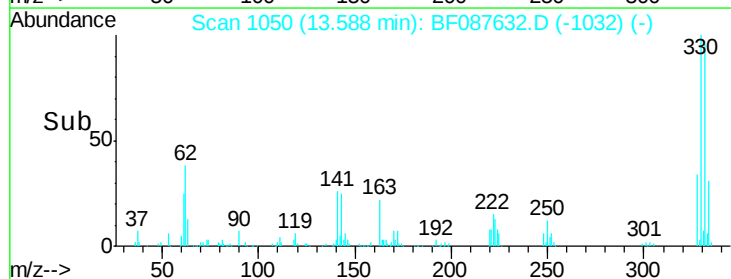
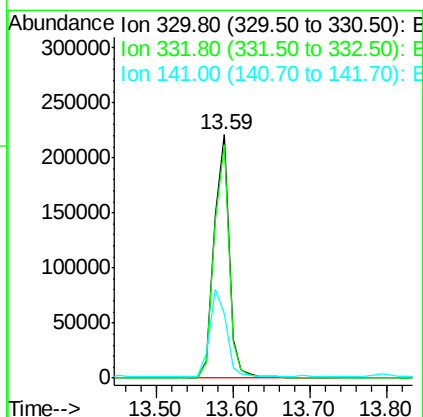
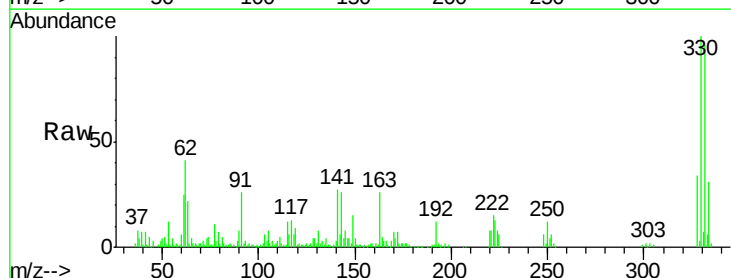
Instrument :
BNA_F
ClientSampleId :
W-15

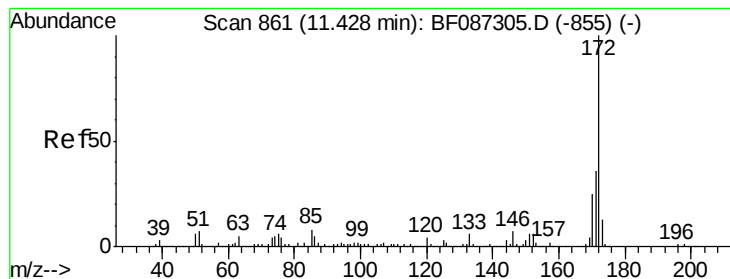
Tgt Ion:164 Resp: 214757
Ion Ratio Lower Upper
164 100
162 98.4 82.8 124.2
160 54.4 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 145.81 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.09 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

Tgt Ion:330 Resp: 300919
Ion Ratio Lower Upper
330 100
332 95.9 79.0 118.4
141 39.1 31.2 46.8





#44

2-Fluorobiphenyl

Concen: 82.30 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.10 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

Instrument :

BNA_F

ClientSampled :

W-15

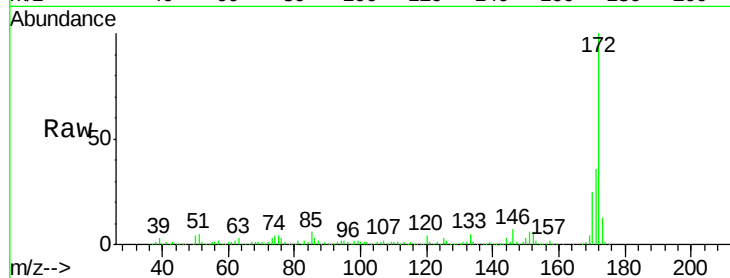
Tgt Ion:172 Resp: 1253714

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

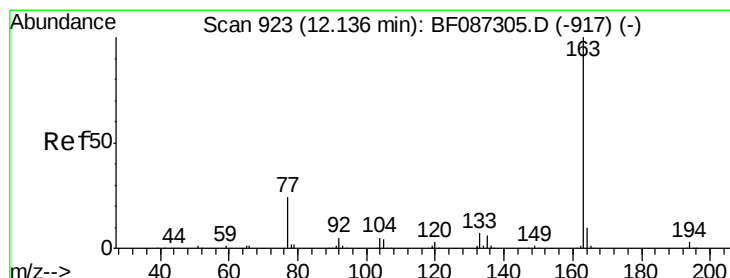
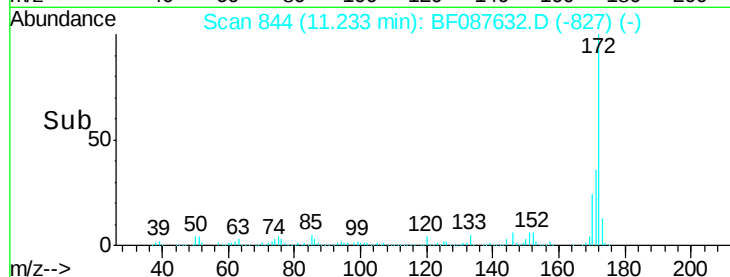
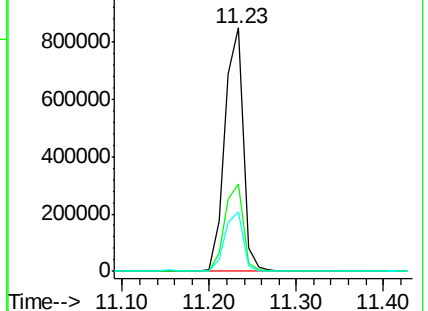
170 24.5 19.8 29.8



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: 4.63 ng

RT: 11.93 min Scan# 905

Delta R.T. -0.11 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

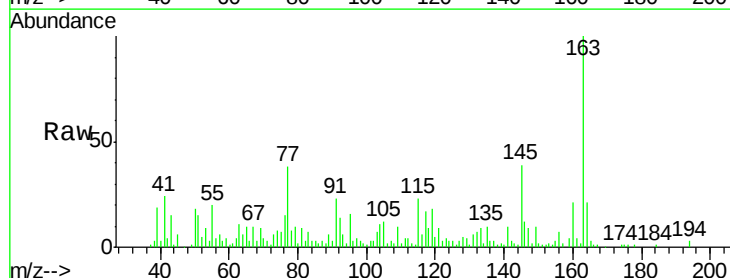
Tgt Ion:163 Resp: 79702

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

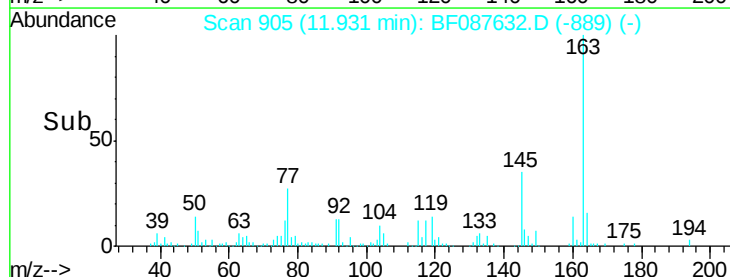
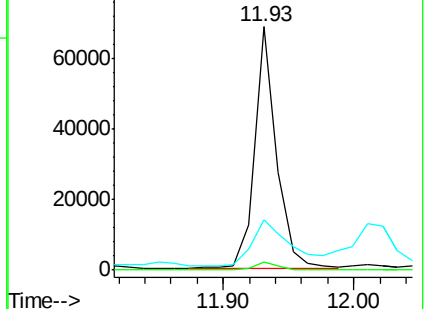
164 20.9 8.2 12.4#

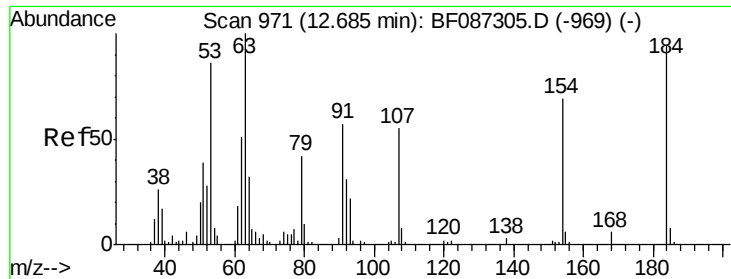


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

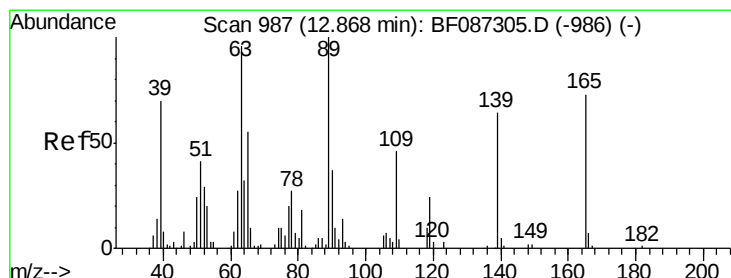
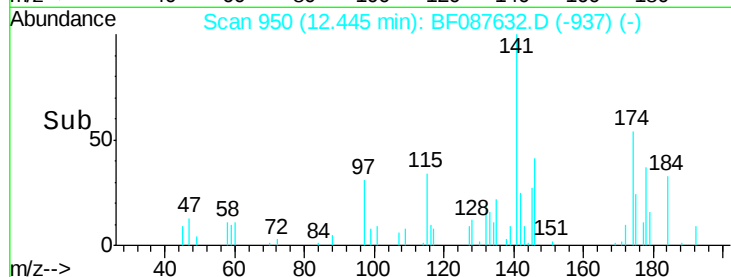
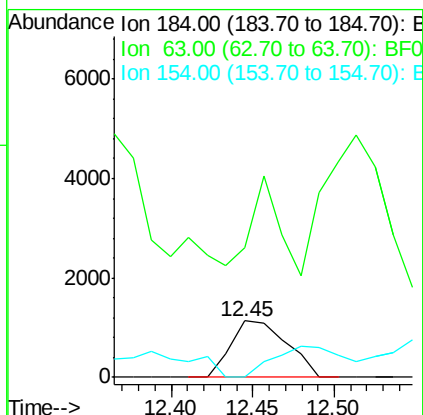
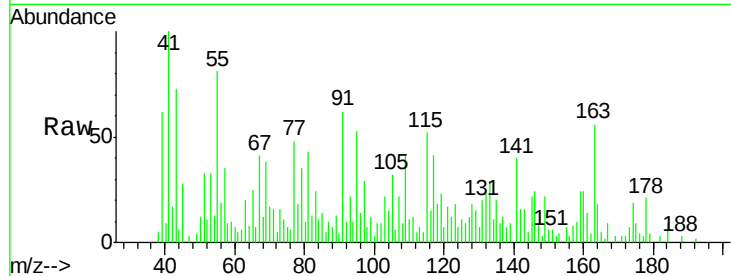




#53
 2,4-Dinitrophenol
 Concen: 7.94 ng
 RT: 12.45 min Scan# 950
 Delta R.T. -0.15 min
 Lab File: BF087632.D
 Acq: 1 Jun 2016 23:45

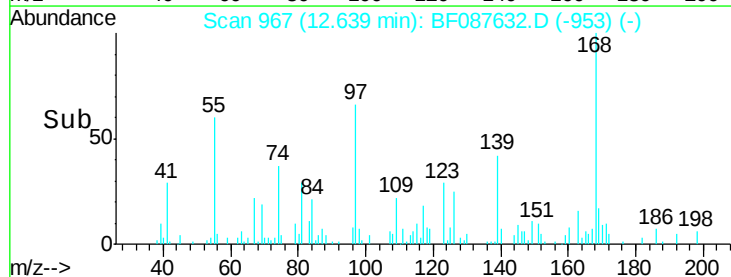
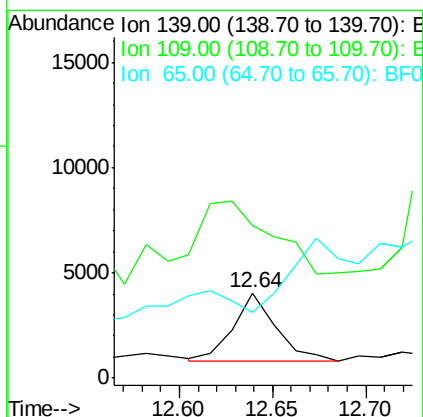
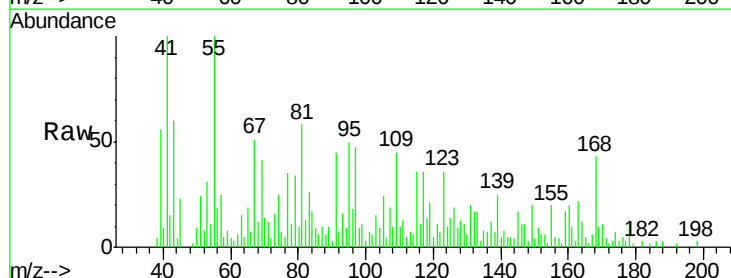
Instrument :
 BNA_F
 ClientSampleId :
 W-15

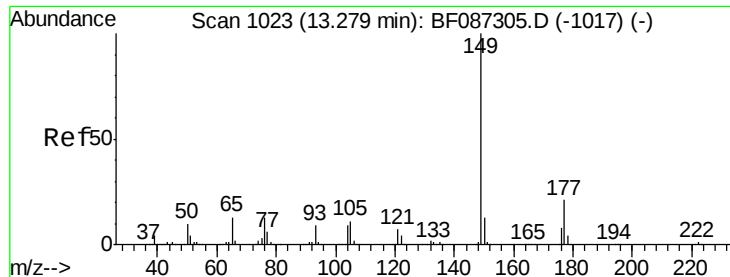
Tgt Ion:184 Resp: 2700
 Ion Ratio Lower Upper
 184 100
 63 230.0 55.8 83.8#
 154 0.0 62.4 93.6#



#55
 4-Nitrophenol
 Concen: 3.06 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.14 min
 Lab File: BF087632.D
 Acq: 1 Jun 2016 23:45

Tgt Ion:139 Resp: 5196
 Ion Ratio Lower Upper
 139 100
 109 180.5 36.9 76.9#
 65 76.8 64.0 104.0

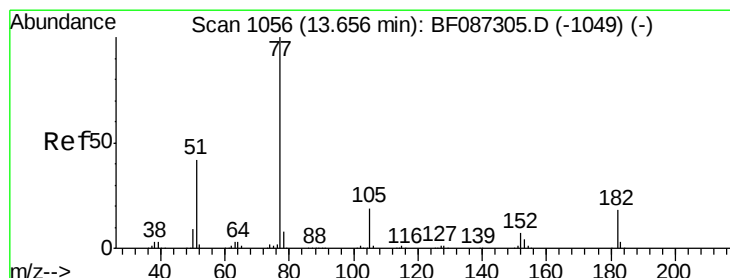
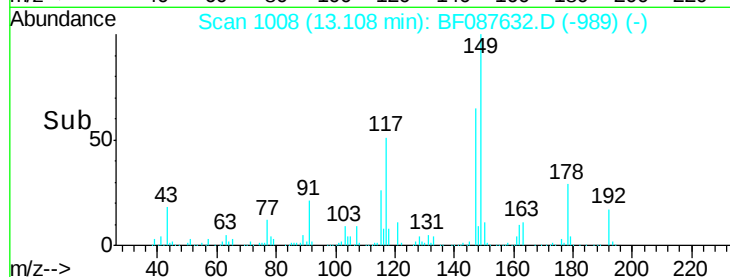
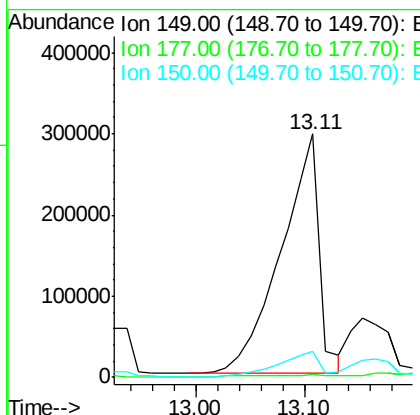
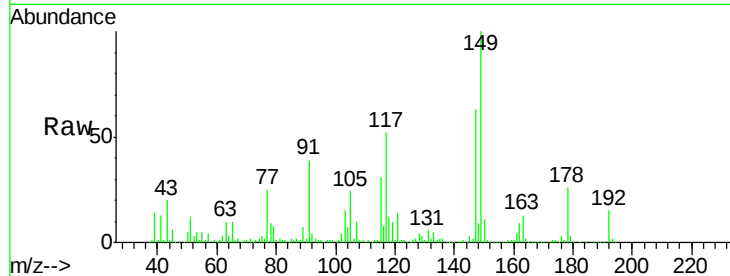




#59
Diethylphthalate
Concen: 43.10 ng
RT: 13.11 min Scan# 1008
Delta R.T. -0.08 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

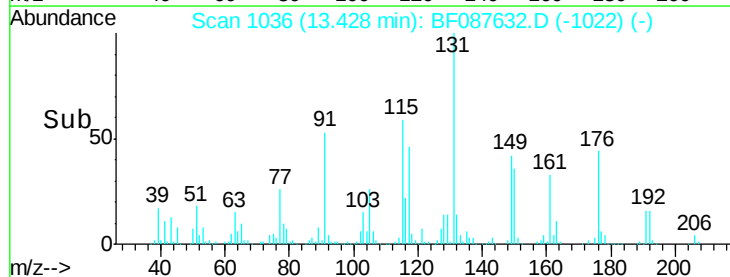
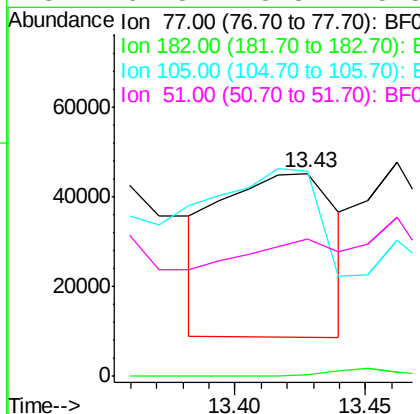
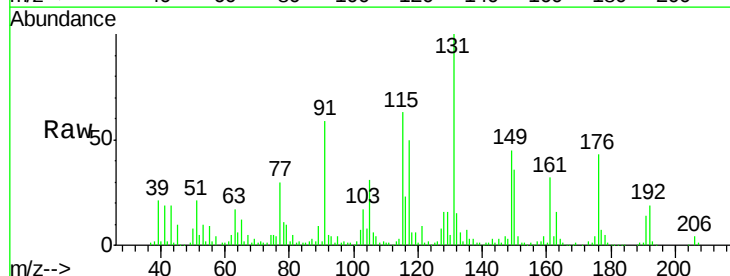
Instrument :
BNA_F
ClientSampled :
W-15

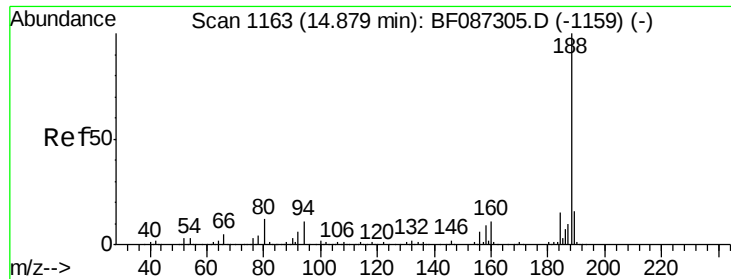
Tgt Ion: 149 Resp: 720907
Ion Ratio Lower Upper
149 100
177 1.0 16.6 24.8#
150 10.7 10.0 15.0



#62
Azobenzene
Concen: 6.49 ng
RT: 13.43 min Scan# 1036
Delta R.T. -0.14 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

Tgt Ion: 77 Resp: 112599
Ion Ratio Lower Upper
77 100
182 0.8 0.0 38.8
105 101.3 3.2 43.2#
51 67.8 8.8 48.8#

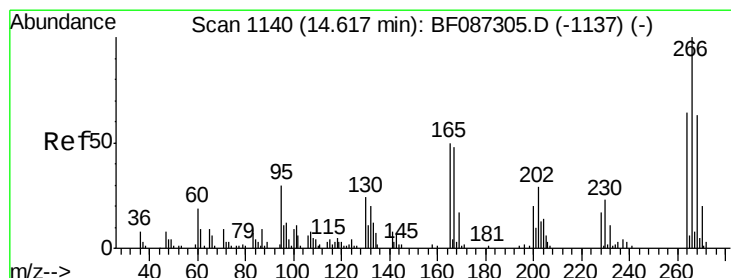
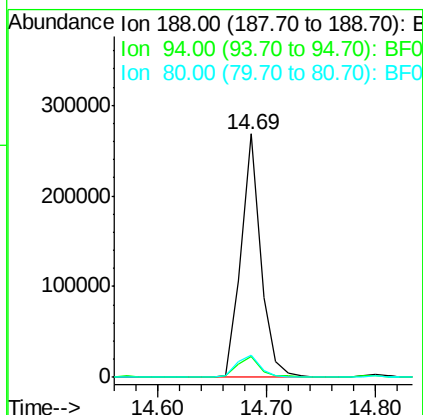
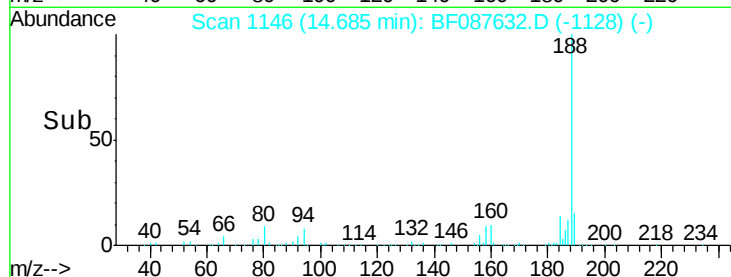
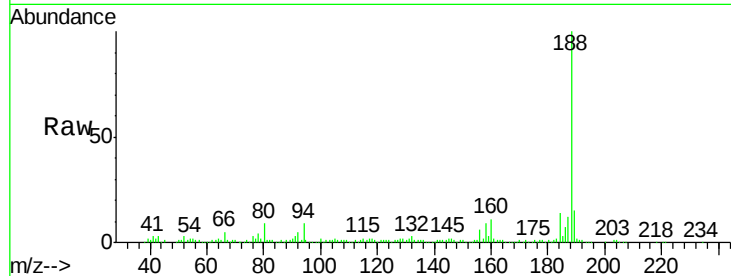




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.09 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

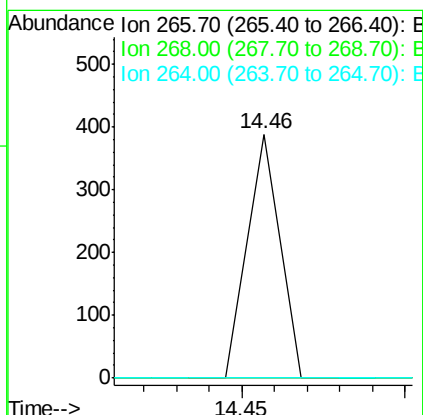
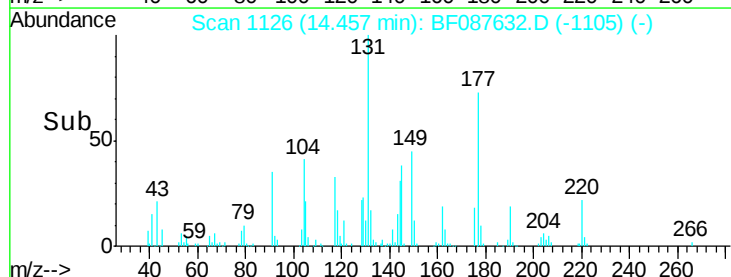
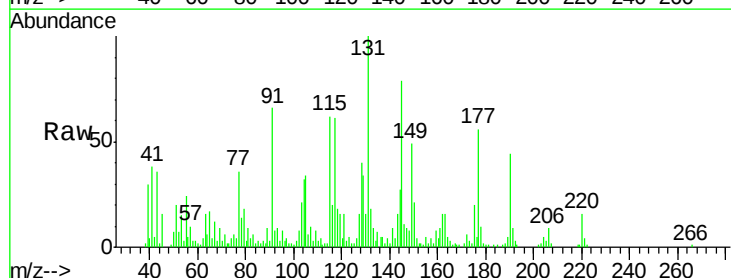
Instrument :
BNA_F
ClientSampleId :
W-15

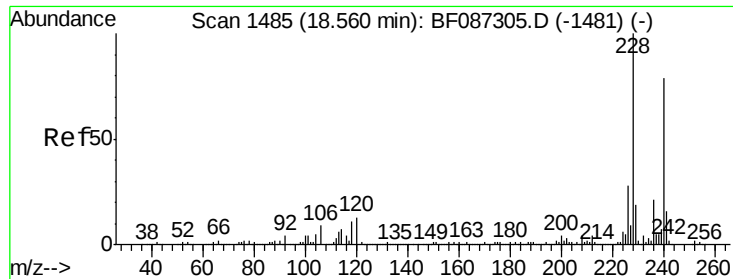
Tgt Ion:188 Resp: 333021
Ion Ratio Lower Upper
188 100
94 8.6 6.8 10.2
80 9.3 7.1 10.7



#69
Pentachlorophenol
Concen: 6.39 ng
RT: 14.46 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF087632.D
Acq: 1 Jun 2016 23:45

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

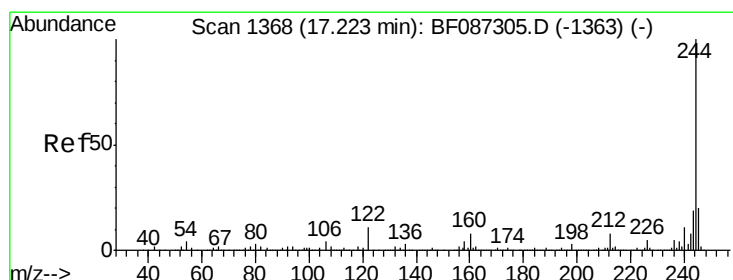
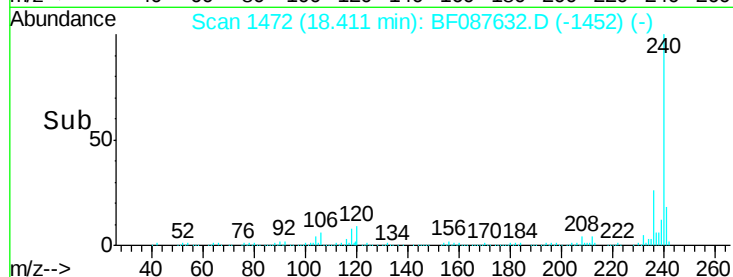
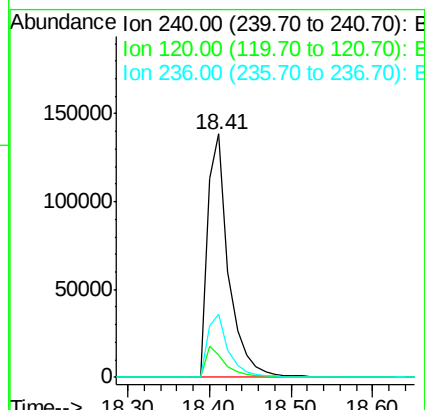
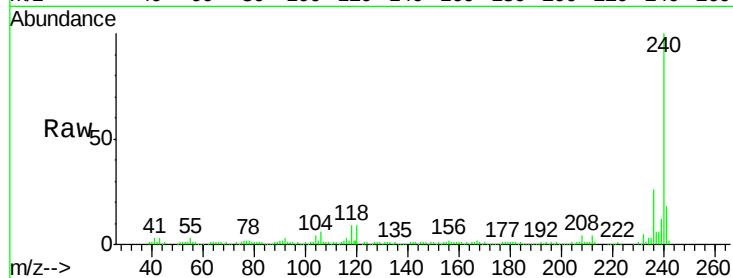




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.41 min Scan# 1472
 Delta R.T. -0.07 min
 Lab File: BF087632.D
 Acq: 1 Jun 2016 23:45

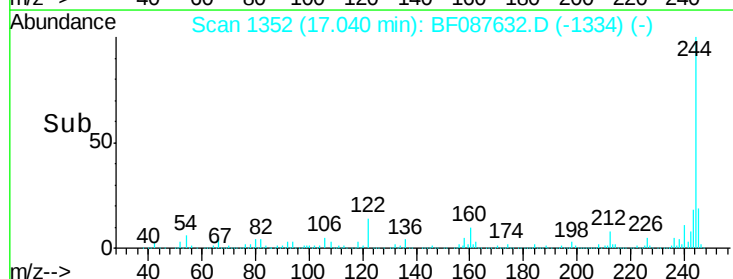
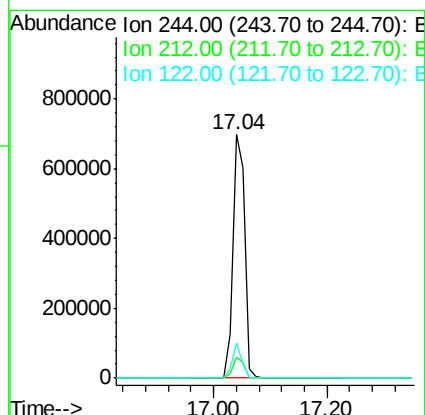
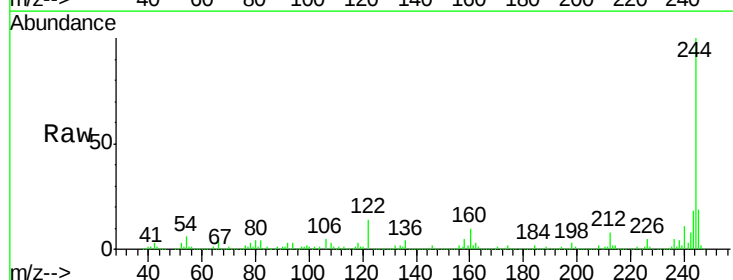
Instrument :
 BNA_F
 ClientSampleId :
 W-15

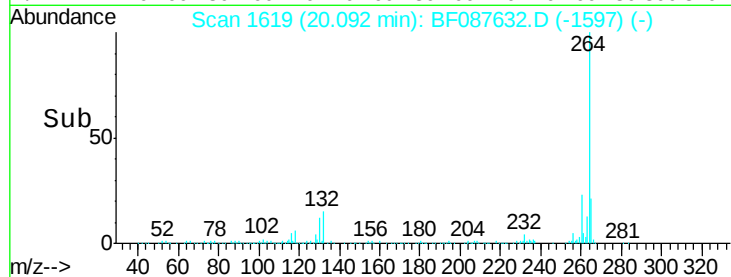
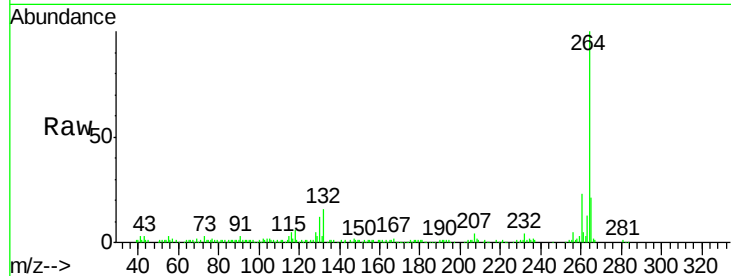
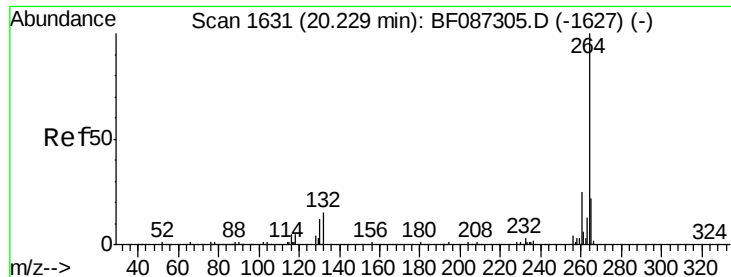
Tgt Ion:240 Resp: 250554
 Ion Ratio Lower Upper
 240 100
 120 9.1 11.2 16.8#
 236 26.1 21.2 31.8



#78
 Terphenyl-d14
 Concen: 85.54 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. -0.09 min
 Lab File: BF087632.D
 Acq: 1 Jun 2016 23:45

Tgt Ion:244 Resp: 1008123
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.2
 122 14.2 12.0 18.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 20.09 min Scan# 1619

Delta R.T. -0.05 min

Lab File: BF087632.D

Acq: 1 Jun 2016 23:45

Instrument :

BNA_F

ClientSampleId :

W-15

Tgt Ion: 264 Resp: 184590

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 21.1 17.3 25.9

