

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087644.D
 Acq On : 2 Jun 2016 12:57
 Operator : UM/SJ
 Sample : H3341-02DL 2X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2DL

Quant Time: Jun 02 15:16:52 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

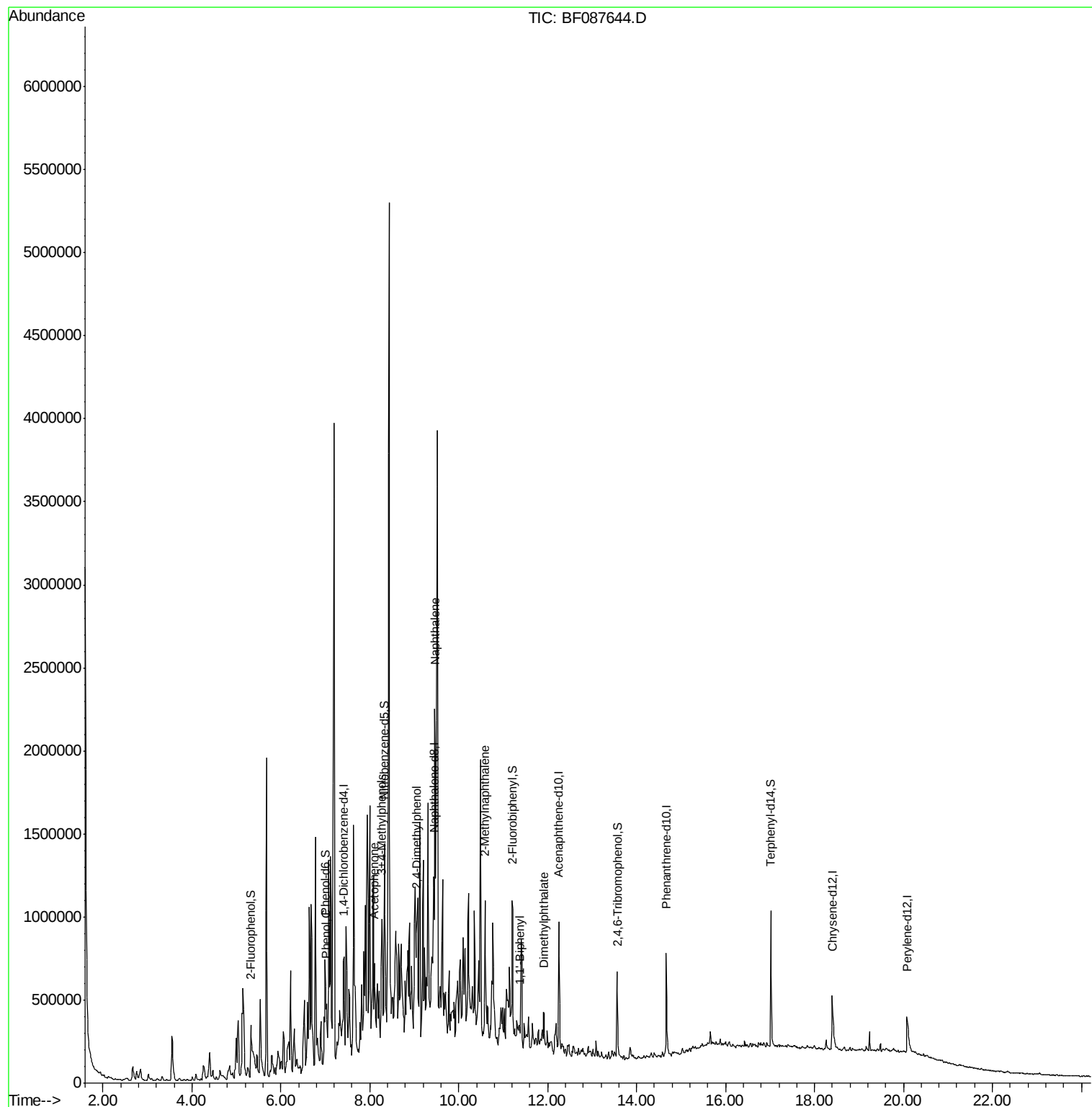
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	90165	20.00	ng	-0.11
21) Naphthalene-d8	9.44	136	373908	20.00	ng	-0.11
38) Acenaphthene-d10	12.25	164	182659	20.00	ng	-0.14
63) Phenanthrene-d10	14.66	188	344721	20.00	ng	-0.11
75) Chrysene-d12	18.40	240	221924	20.00	ng	-0.08
86) Perylene-d12	20.08	264	209124	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	271383	52.89	ng	-0.09
7) Phenol-d6	6.99	99	381460	55.02	ng	-0.08
23) Nitrobenzene-d5	8.33	82	246047	33.16	ng	-0.11
41) 2,4,6-Tribromophenol	13.57	330	82281	46.88	ng	-0.11
44) 2-Fluorobiphenyl	11.21	172	365564	28.21	ng	-0.13
78) Terphenyl-d14	17.02	244	306323	29.35	ng	-0.11
Target Compounds						
10) Phenol	7.03	94	45545	6.02	ng	# 31
20) 3+4-Methylphenols	8.27	107	37381	6.03	ng	# 39
22) Acetophenone	8.10	105	223396	25.01	ng	# 96
27) 2,4-Dimethylphenol	9.05	122	40590	7.30	ng	# 73
31) Naphthalene	9.46	128	844405	45.07	ng	# 99
37) 2-Methylnaphthalene	10.59	142	273793	23.39	ng	# 95
45) 1,1'-Biphenyl	11.37	154	39020	2.54	ng	# 99
49) Dimethylphthalate	11.92	163	37328	2.55	ng	# 79

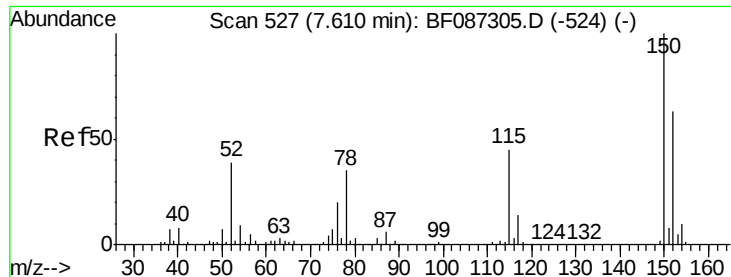
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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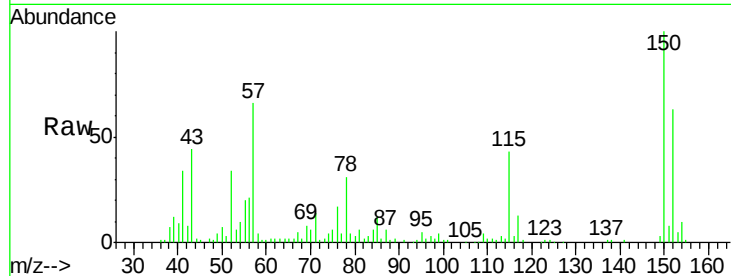


#1

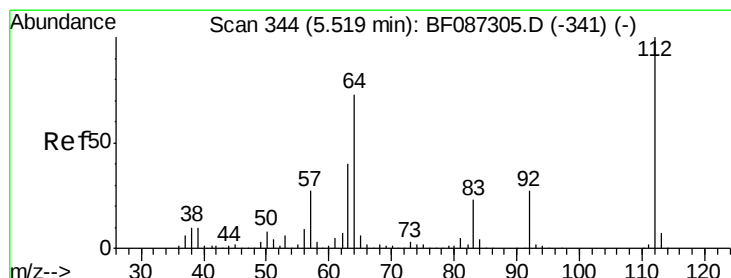
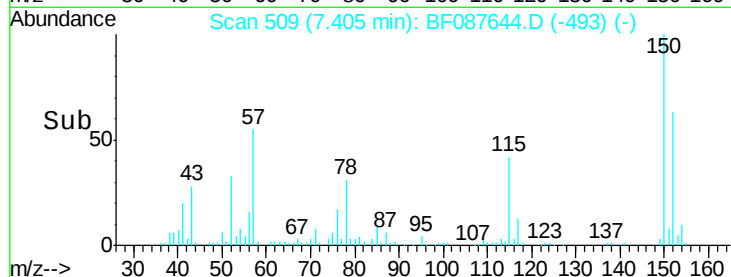
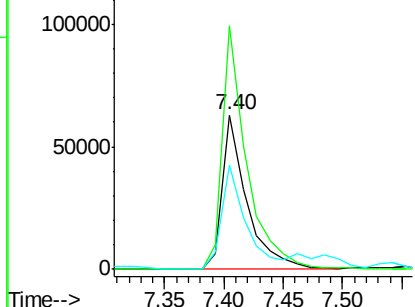
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.11 min
Lab File: BF087644.D
Acq: 2 Jun 2016 12:57

Instrument :
BNA_F
ClientSampleId :
B-2DL

Tot Ion:152 Resp: 90165
Ion Ratio Lower Upper
152 100
150 158.0 125.8 188.6
115 67.5 51.5 77.3



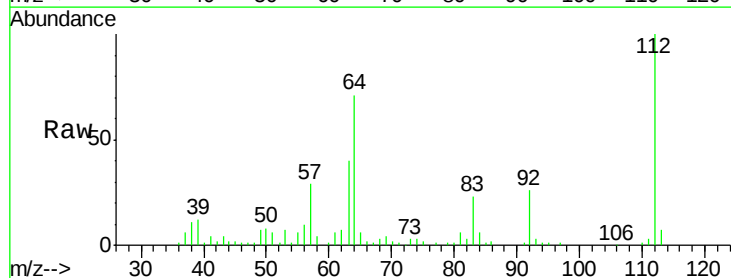
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



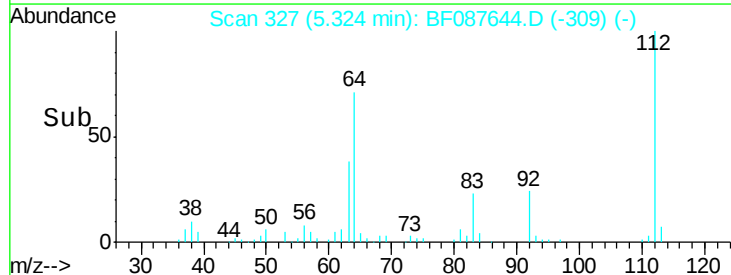
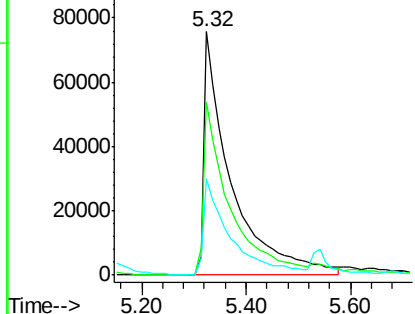
#5

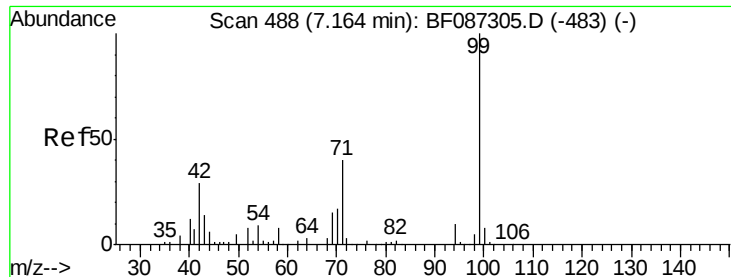
2-Fluorophenol
Concen: 52.89 ng
RT: 5.32 min Scan# 327
Delta R.T. -0.09 min
Lab File: BF087644.D
Acq: 2 Jun 2016 12:57

Tgt Ion:112 Resp: 271383
Ion Ratio Lower Upper
112 100
64 71.1 52.1 78.1
63 39.9 25.7 38.5#



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: 55.02 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.08 min

Lab File: BF087644.D

Acq: 2 Jun 2016 12:57

Instrument :

BNA_F

ClientSampleId :

B-2DL

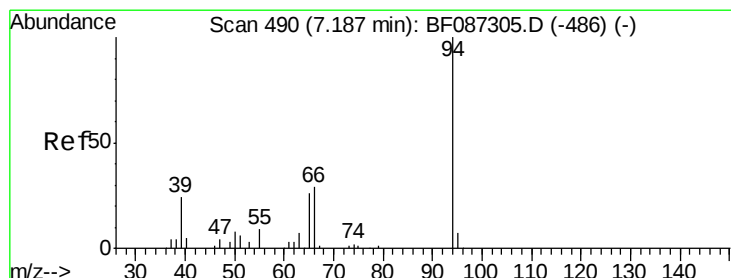
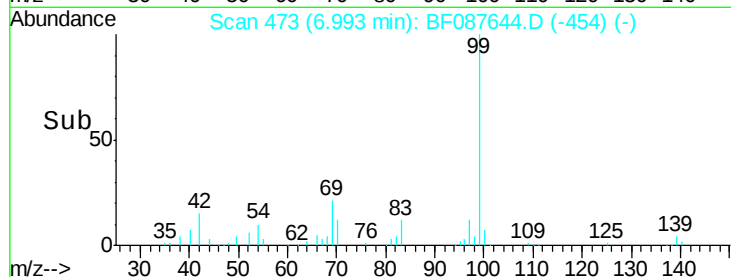
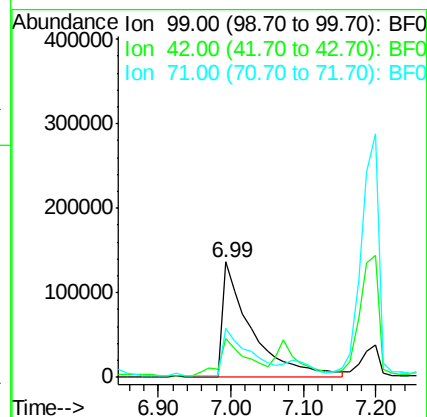
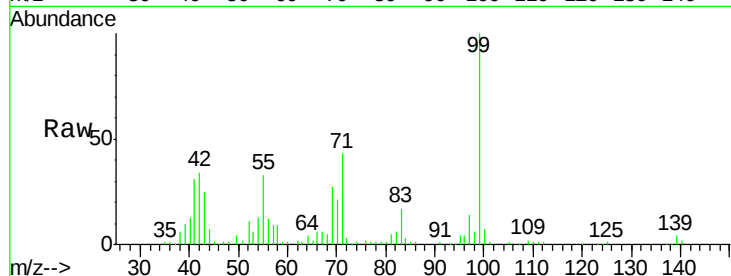
Tot Ion: 99 Resp: 381460

Ion Ratio Lower Upper

99 100

42 33.5 13.6 20.4#

71 43.0 24.6 36.8#



#10

Phenol

Concen: 6.02 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.06 min

Lab File: BF087644.D

Acq: 2 Jun 2016 12:57

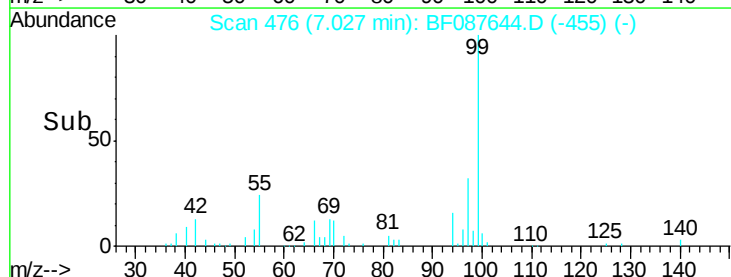
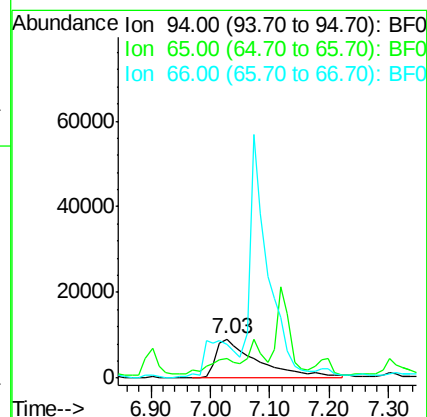
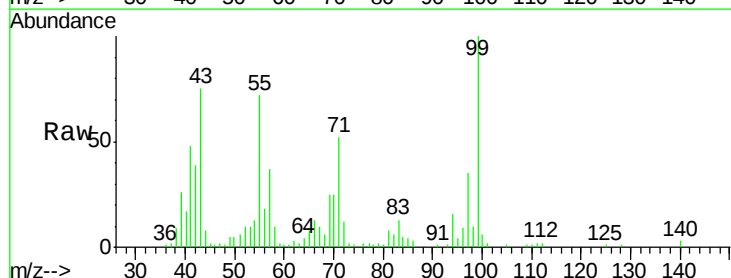
Tgt Ion: 94 Resp: 45545

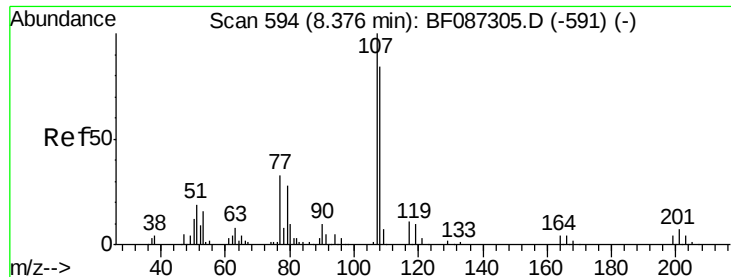
Ion Ratio Lower Upper

94 100

65 50.0 7.2 47.2#

66 85.9 14.9 54.9#

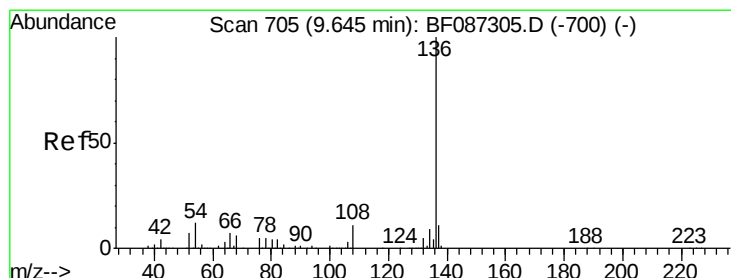
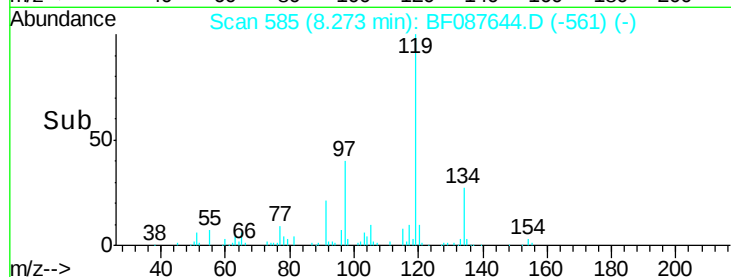
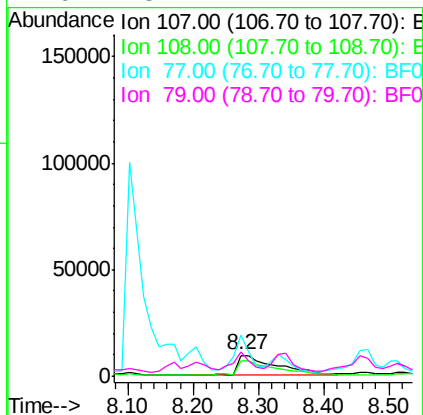
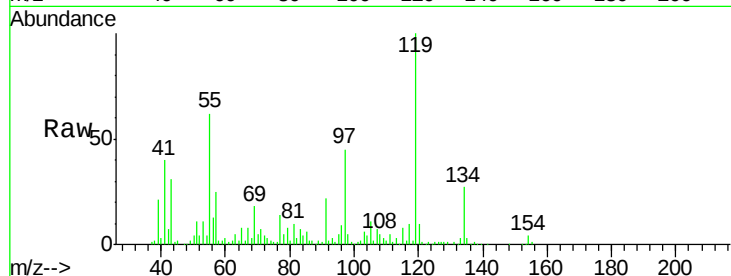




#20
3+4-Methylphenols
Concen: 6.03 ng
RT: 8.27 min Scan# 585
Delta R.T. -0.02 min
Lab File: BF087644.D
Acq: 2 Jun 2016 12:57

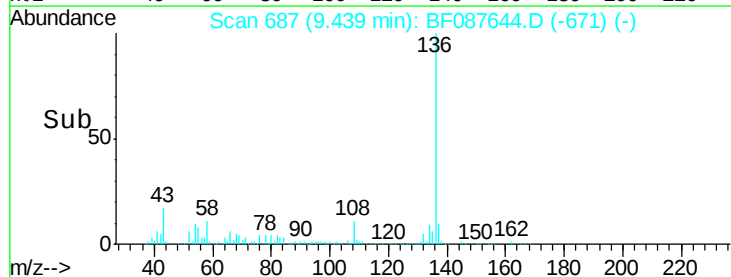
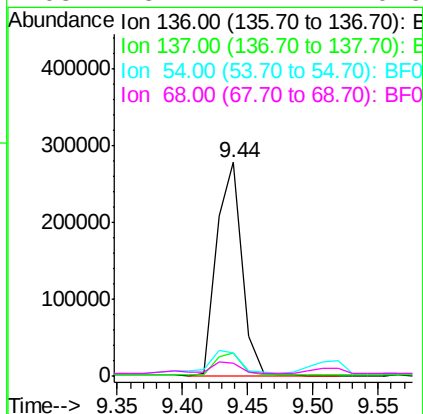
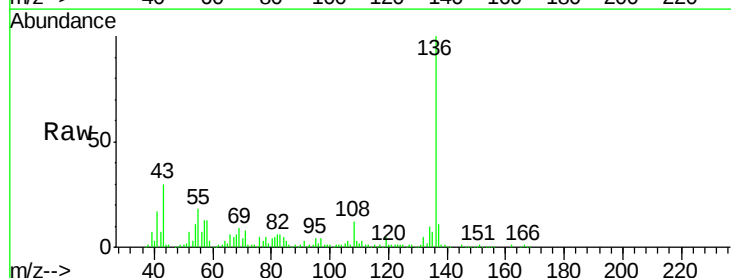
Instrument :
BNA_F
ClientSampleId :
B-2DL

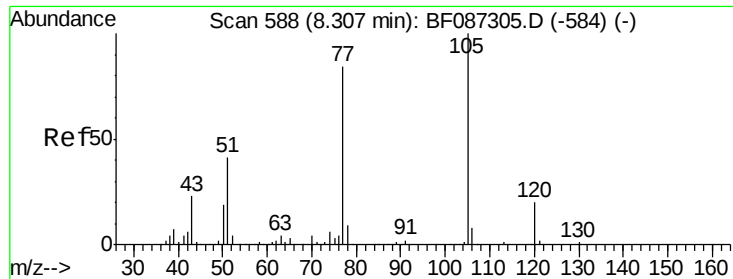
Tot Ion	Ratio	Lower	Upper
107	100		
108	75.2	68.5	108.5
77	198.5	101.6	141.6#
79	118.7	7.4	47.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.11 min
Lab File: BF087644.D
Acq: 2 Jun 2016 12:57

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	11.1	5.0	7.4#
68	5.7	4.4	6.6





#22

Acetophenone

Concen: 25.01 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.11 min

Lab File: BF087644.D

Acq: 2 Jun 2016 12:57

Instrument :

BNA_F

ClientSampleId :

B-2DL

Tot Ion:105 Resp: 223396

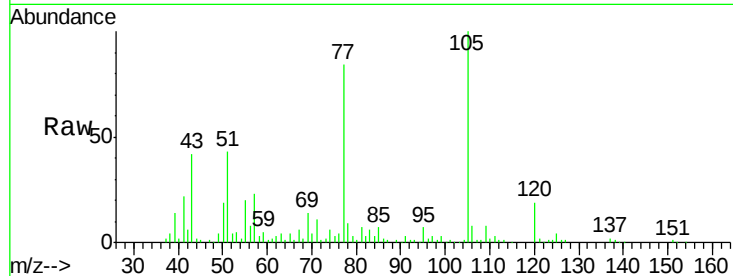
Ion Ratio Lower Upper

105 100

71 10.9 4.8 7.2#

51 42.8 32.6 49.0

120 19.0 16.5 24.7

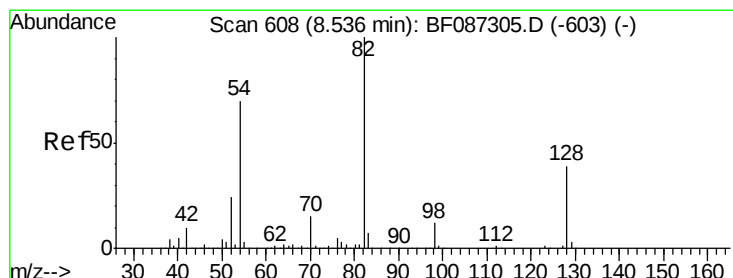
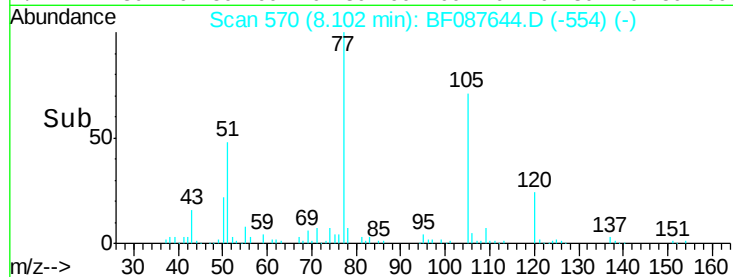
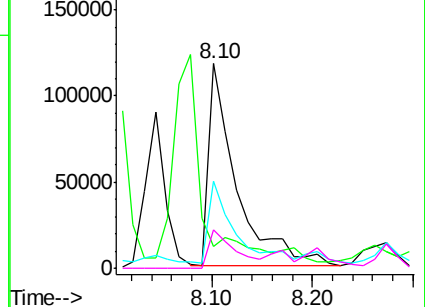


Abundance Ion 105.00 (104.70 to 105.70): E

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



#23

Nitrobenzene-d5

Concen: 33.16 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.11 min

Lab File: BF087644.D

Acq: 2 Jun 2016 12:57

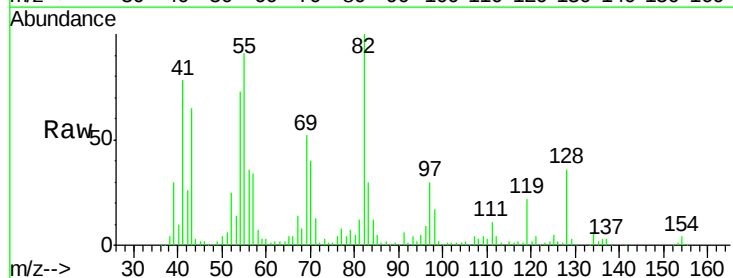
Tgt Ion: 82 Resp: 246047

Ion Ratio Lower Upper

82 100

128 36.0 40.6 61.0#

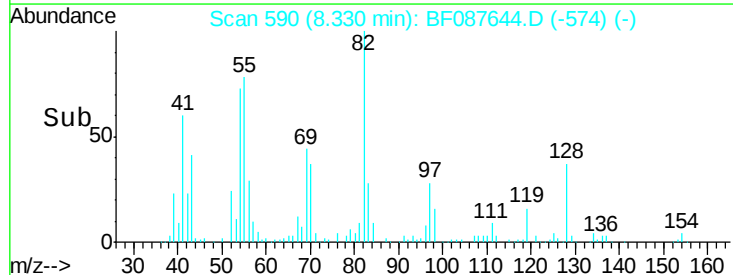
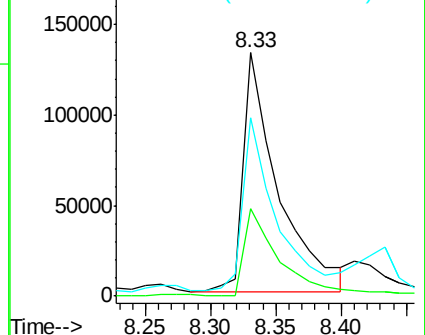
54 73.1 38.1 57.1#

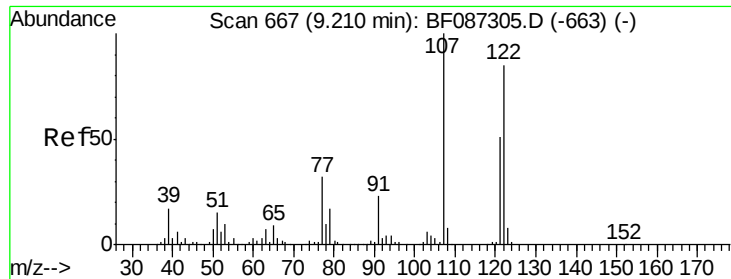


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 7.30 ng

RT: 9.05 min Scan# 653

Delta R.T. -0.07 min

Lab File: BF087644.D

Acq: 2 Jun 2016 12:57

Instrument :

BNA_F

ClientSampleId :

B-2DL

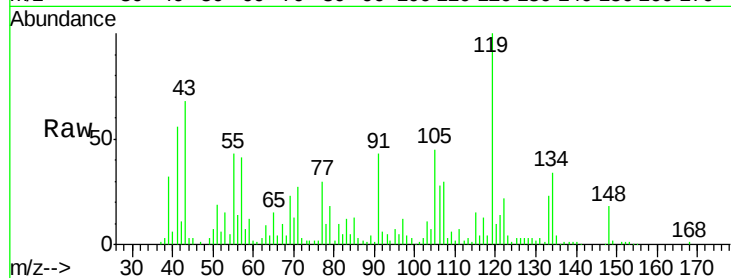
Tot Ion:122 Resp: 40590

Ion Ratio Lower Upper

122 100

107 138.6 82.0 123.0#

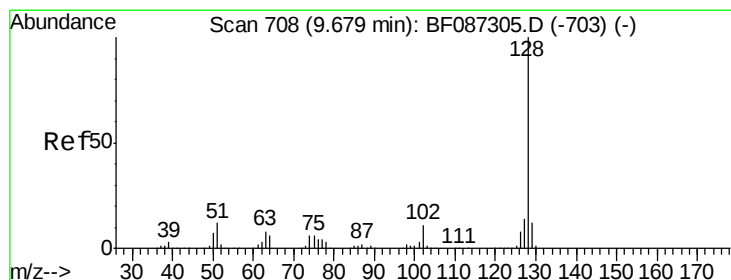
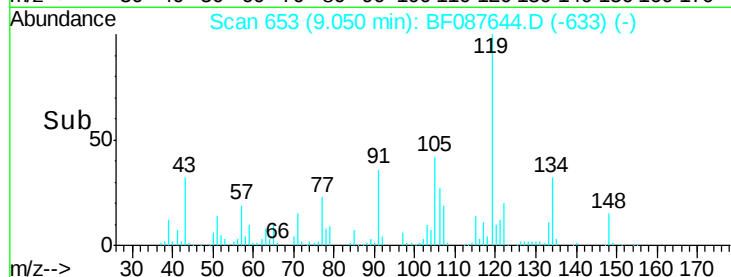
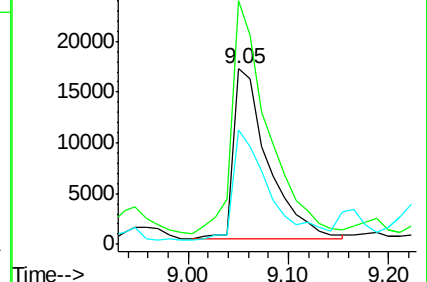
121 65.3 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#31

Naphthalene

Concen: 45.07 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.13 min

Lab File: BF087644.D

Acq: 2 Jun 2016 12:57

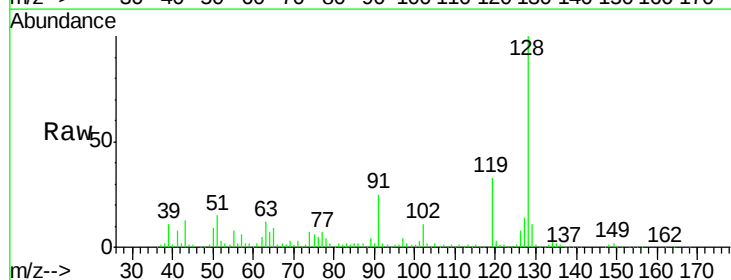
Tgt Ion:128 Resp: 844405

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

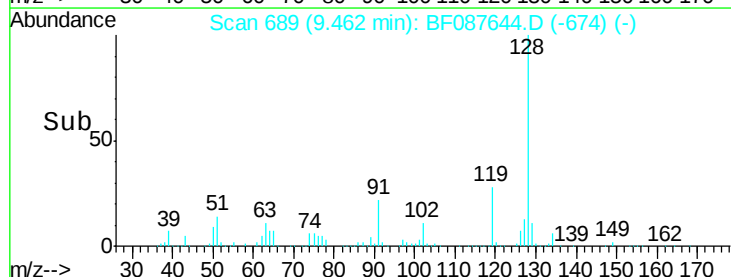
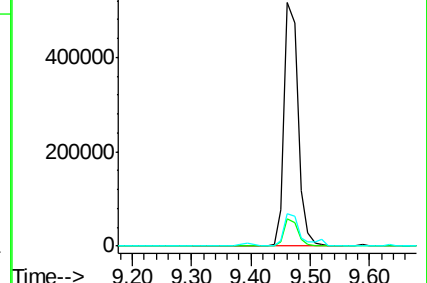
127 13.5 10.8 16.2

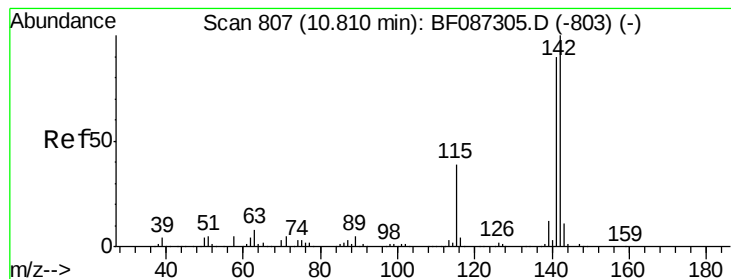


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 23.39 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.13 min

Lab File: BF087644.D

Acq: 2 Jun 2016 12:57

Instrument :

BNA_F

ClientSampled :

B-2DL

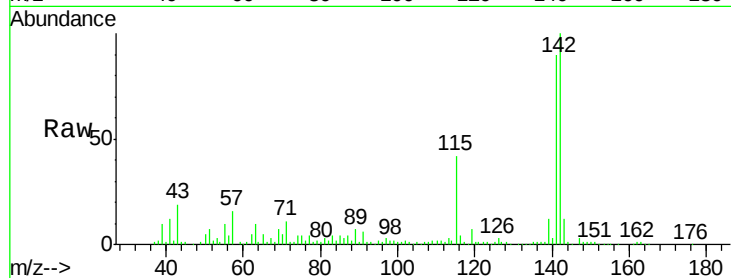
Tot Ion:142 Resp: 273793

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.6

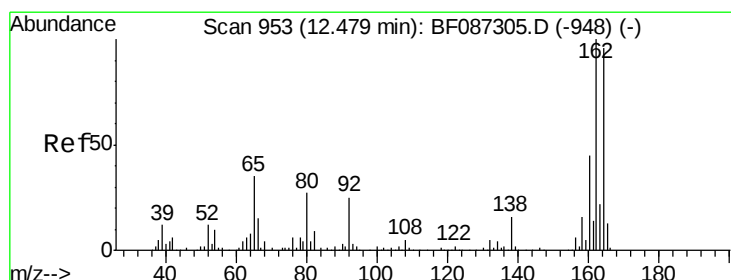
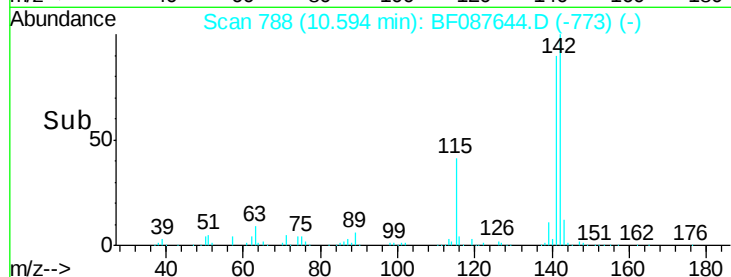
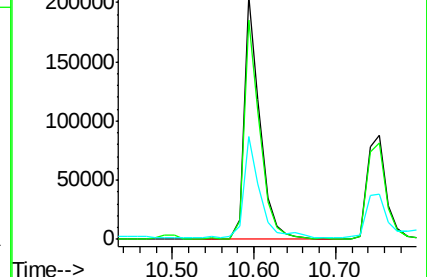
115 42.0 26.6 39.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.25 min Scan# 933

Delta R.T. -0.14 min

Lab File: BF087644.D

Acq: 2 Jun 2016 12:57

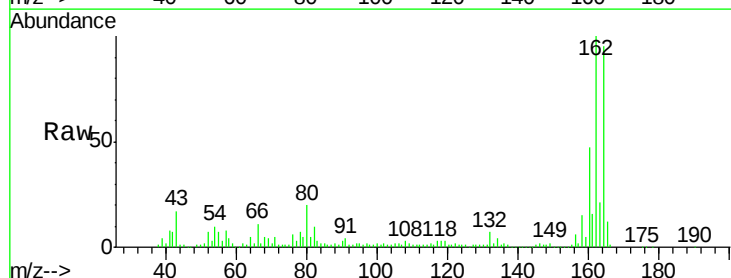
Tgt Ion:164 Resp: 182659

Ion Ratio Lower Upper

164 100

162 105.3 82.8 124.2

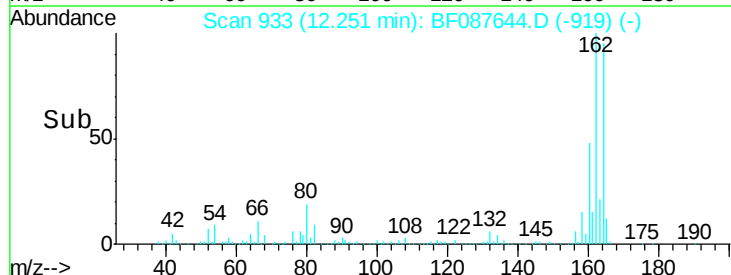
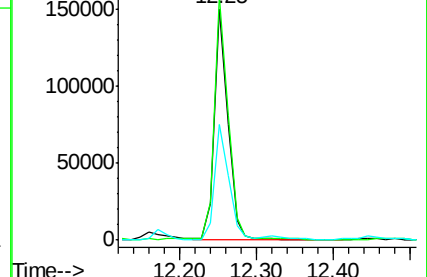
160 49.9 36.9 55.3

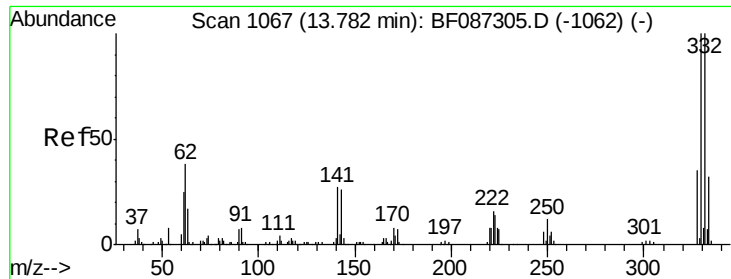


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

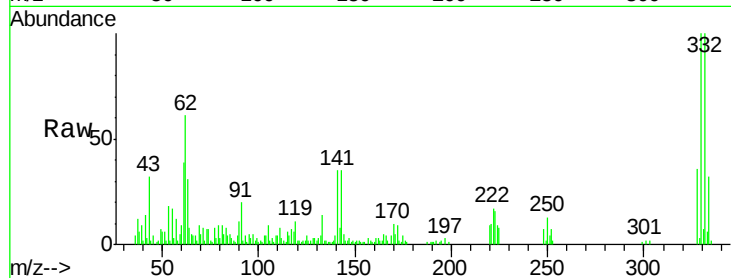




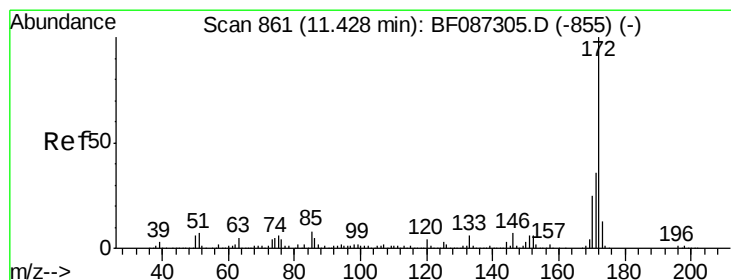
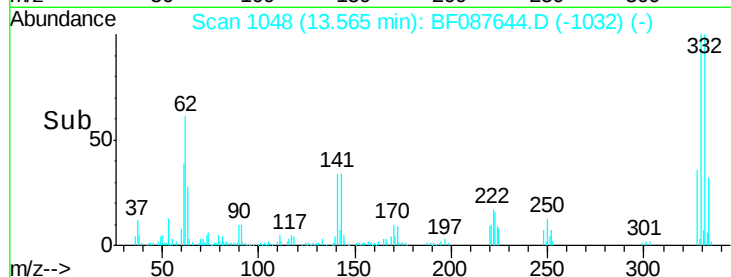
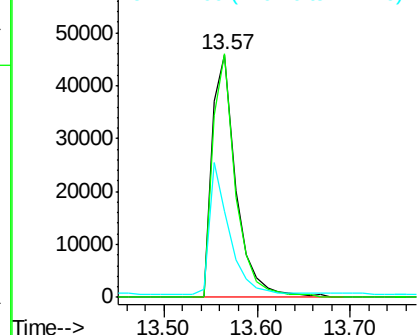
#41
 2,4,6-Tribromophenol
 Concen: 46.88 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.11 min
 Lab File: BF087644.D
 Acq: 2 Jun 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 B-2DL

Tot Ion:330 Resp: 82281
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 45.5 31.2 46.8

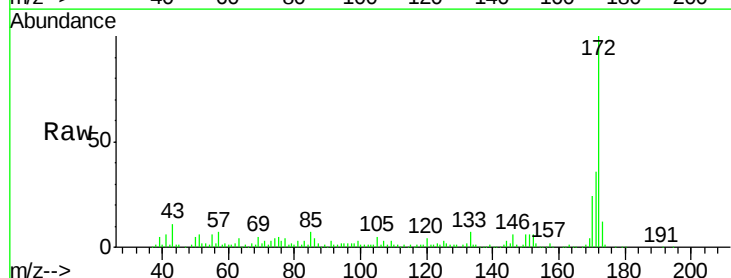


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

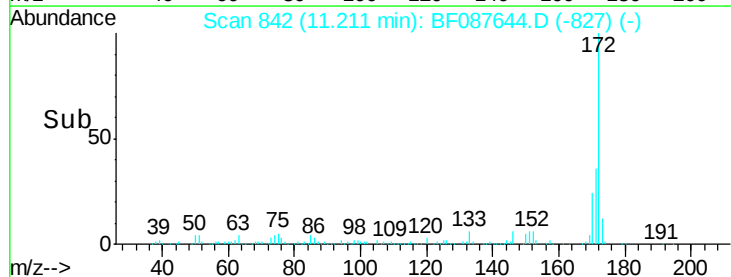
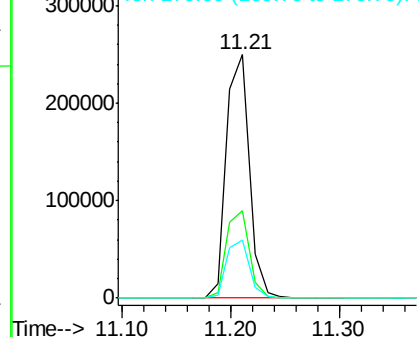


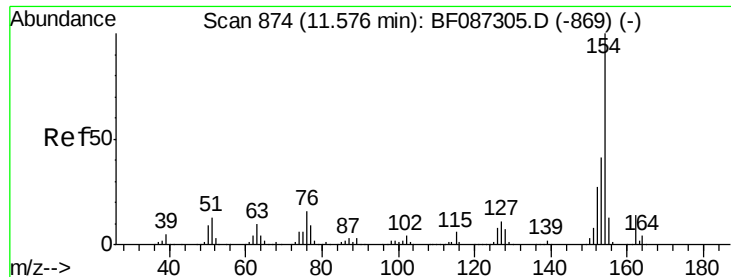
#44
 2-Fluorobiphenyl
 Concen: 28.21 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.13 min
 Lab File: BF087644.D
 Acq: 2 Jun 2016 12:57

Tgt Ion:172 Resp: 365564
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.9 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





#45

1,1'-Biphenyl

Concen: 2.54 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.11 min

Lab File: BF087644.D

Acq: 2 Jun 2016 12:57

Instrument :

BNA_F

ClientSampleId :

B-2DL

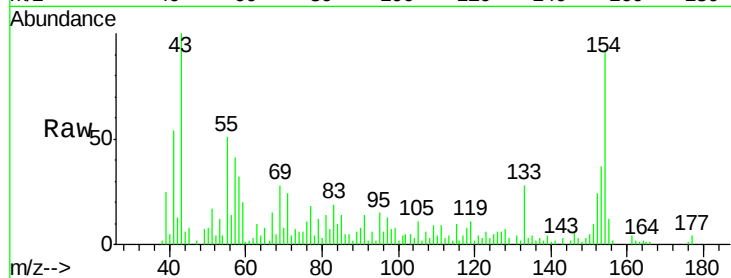
Tot Ion:154 Resp: 39020

Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

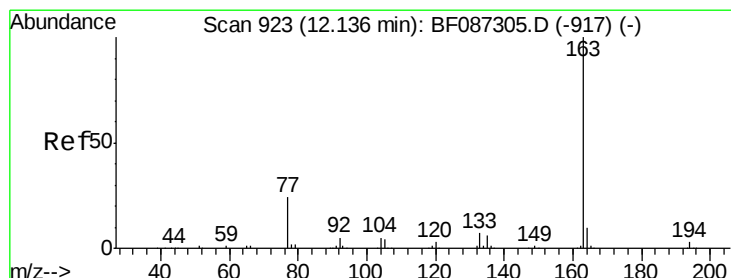
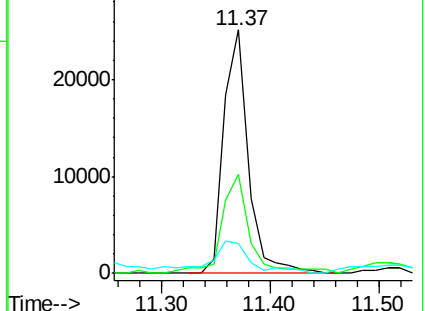
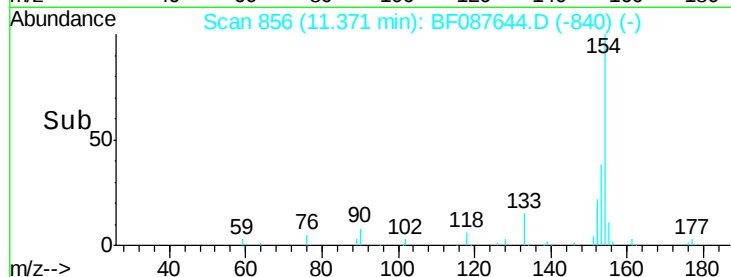
76 12.0 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 2.55 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.13 min

Lab File: BF087644.D

Acq: 2 Jun 2016 12:57

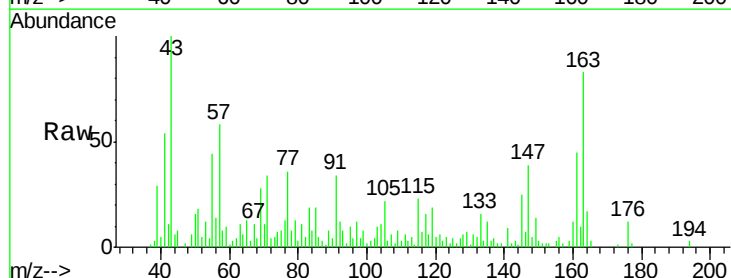
Tgt Ion:163 Resp: 37328

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

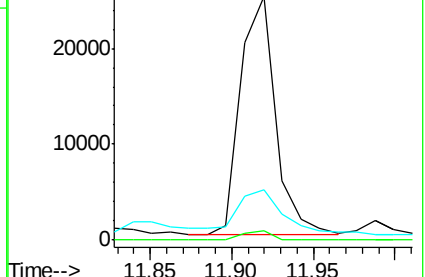
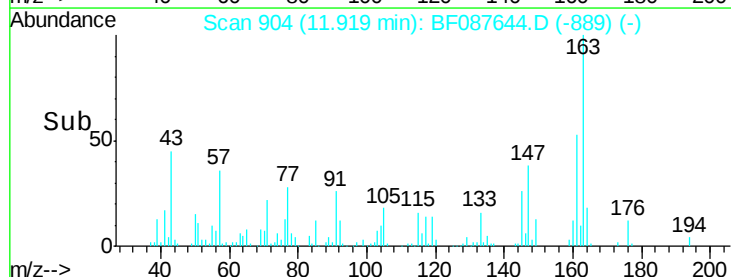
164 20.6 8.2 12.4#

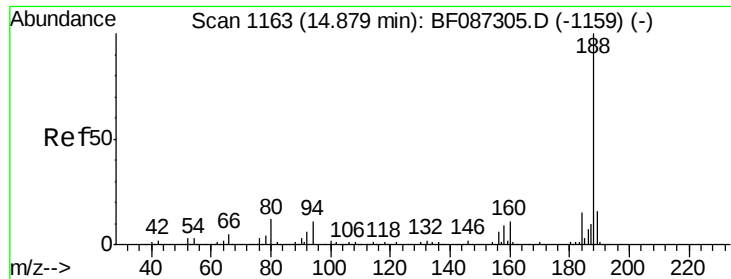


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

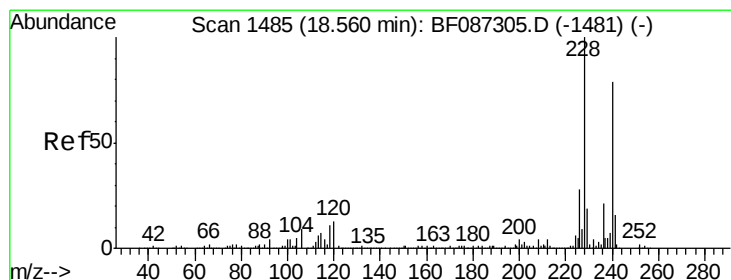
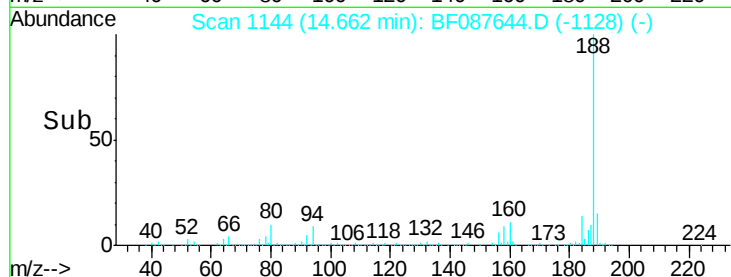
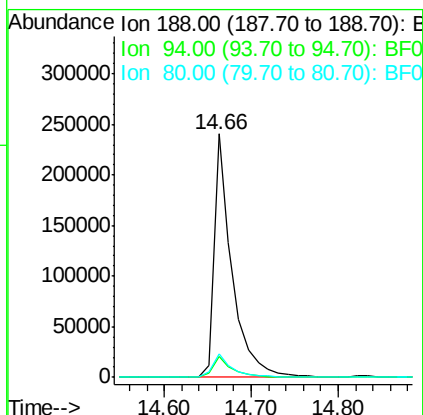
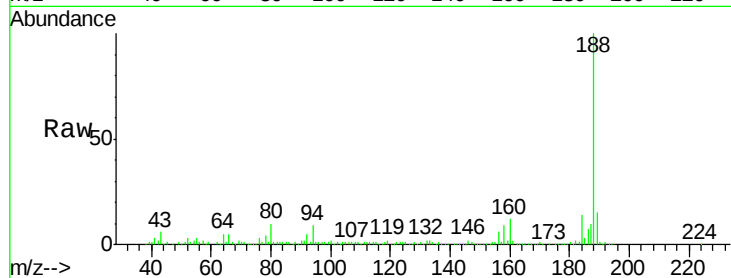




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.11 min
Lab File: BF087644.D
Acq: 2 Jun 2016 12:57

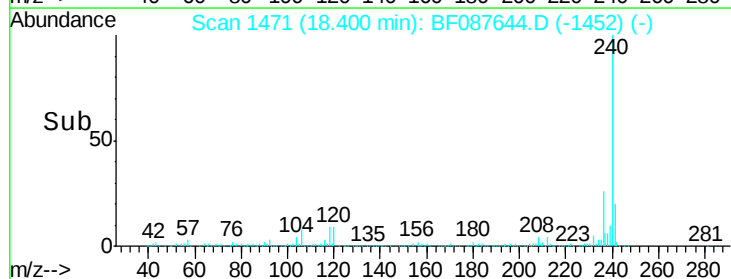
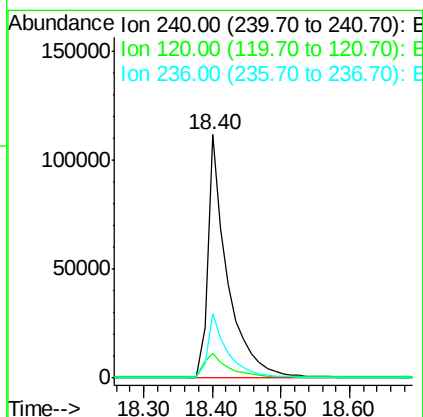
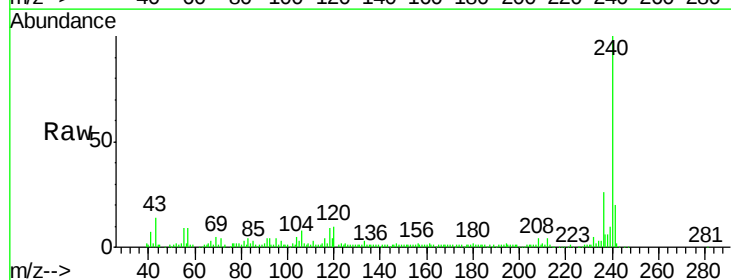
Instrument :
BNA_F
ClientSampleId :
B-2DL

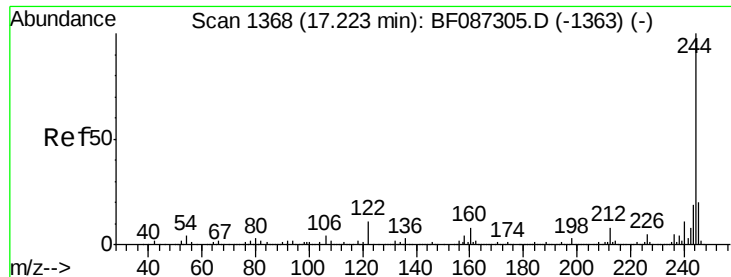
Tot Ion:188 Resp: 344721
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 9.8 7.1 10.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.08 min
Lab File: BF087644.D
Acq: 2 Jun 2016 12:57

Tgt Ion:240 Resp: 221924
Ion Ratio Lower Upper
240 100
120 10.0 11.2 16.8#
236 26.2 21.2 31.8

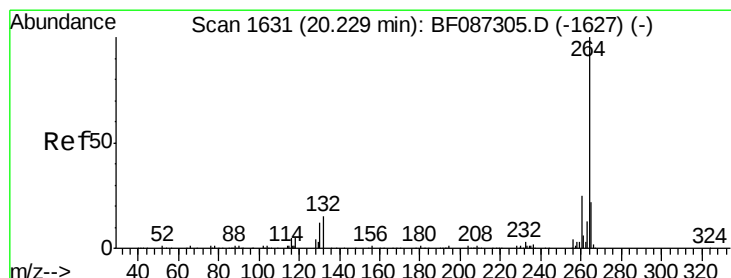
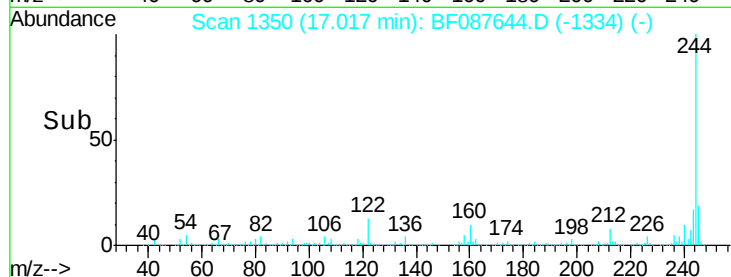
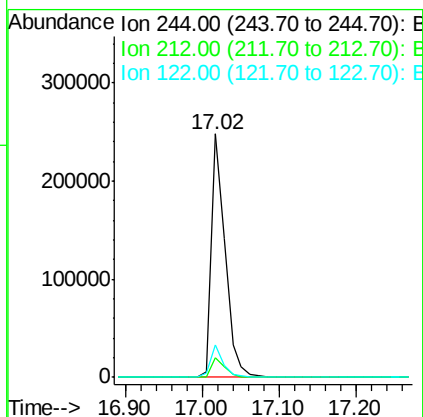
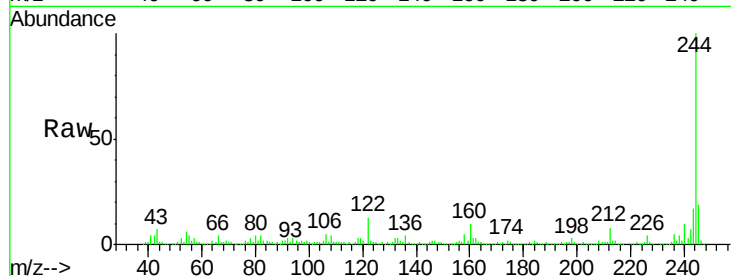




#78
 Terphenyl-d14
 Concen: 29.35 ng
 RT: 17.02 min Scan# 1350
 Delta R.T. -0.11 min
 Lab File: BF087644.D
 Acq: 2 Jun 2016 12:57

Instrument :
 BNA_F
 ClientSampleId :
 B-2DL

Tot Ion:244 Resp: 306323
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 13.4 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.08 min Scan# 1618
 Delta R.T. -0.06 min
 Lab File: BF087644.D
 Acq: 2 Jun 2016 12:57

Tgt Ion:264 Resp: 209124
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 22.7 17.3 25.9

