

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060116\
 Data File : BF087643.D
 Acq On : 2 Jun 2016 12:17
 Operator : UM/SJ
 Sample : H3341-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-2

Quant Time: Jun 02 14:52:40 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

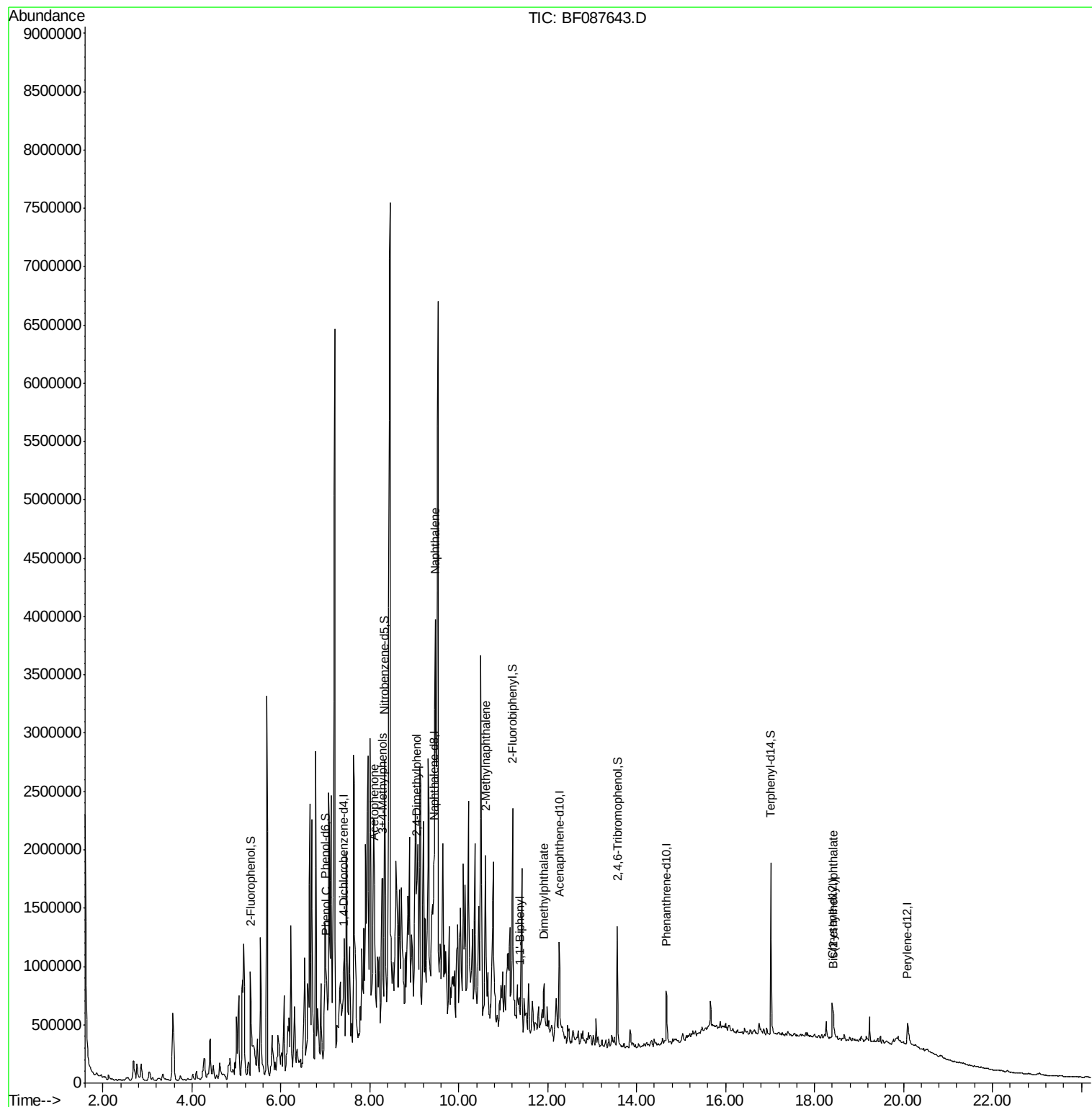
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	91205	20.00	ng	-0.11
21) Naphthalene-d8	9.44	136	350374	20.00	ng	-0.11
38) Acenaphthene-d10	12.26	164	173982	20.00	ng	-0.13
63) Phenanthrene-d10	14.66	188	314649	20.00	ng	-0.11
75) Chrysene-d12	18.40	240	204672	20.00	ng	-0.08
86) Perylene-d12	20.09	264	172515	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	623173	120.06	ng	-0.10
7) Phenol-d6	6.99	99	790538	112.72	ng	-0.08
23) Nitrobenzene-d5	8.33	82	501612	72.15	ng	-0.11
41) 2,4,6-Tribromophenol	13.57	330	170163	101.78	ng	-0.11
44) 2-Fluorobiphenyl	11.21	172	723910	58.66	ng	-0.13
78) Terphenyl-d14	17.02	244	567399	58.94	ng	-0.11
Target Compounds						
10) Phenol	7.03	94	94802	12.38	ng	# 29
20) 3+4-Methylphenols	8.28	107	79853	12.73	ng	# 68
22) Acetophenone	8.10	105	401558	47.97	ng	# 93
27) 2,4-Dimethylphenol	9.06	122	79254	15.22	ng	# 76
31) Naphthalene	9.47	128	1639838	93.40	ng	# 98
37) 2-Methylnaphthalene	10.60	142	548783	50.03	ng	# 95
45) 1,1'-Biphenyl	11.37	154	80464	5.49	ng	# 98
49) Dimethylphthalate	11.92	163	74374	5.34	ng	# 92
83) Bis(2-ethylhexyl)phthalate	18.42	149	28240	2.96	ng	# 98

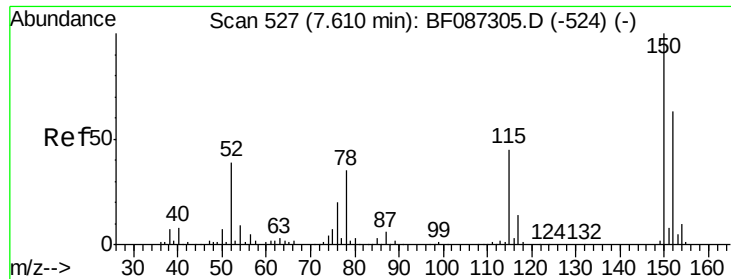
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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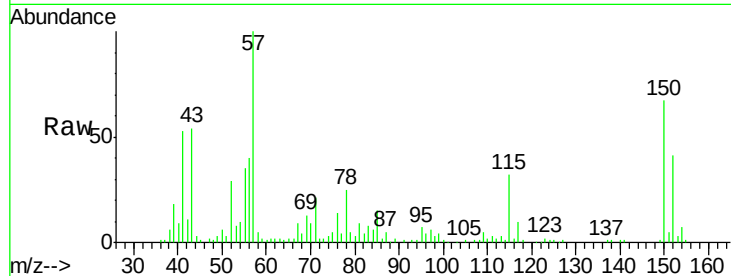


#1

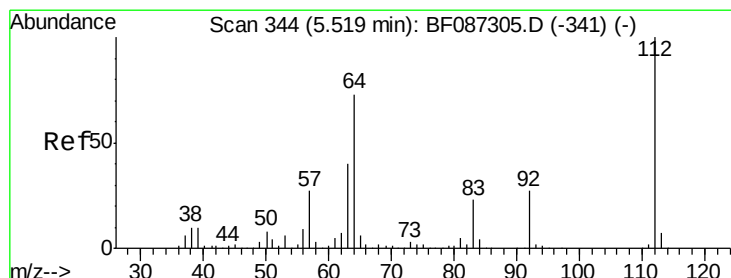
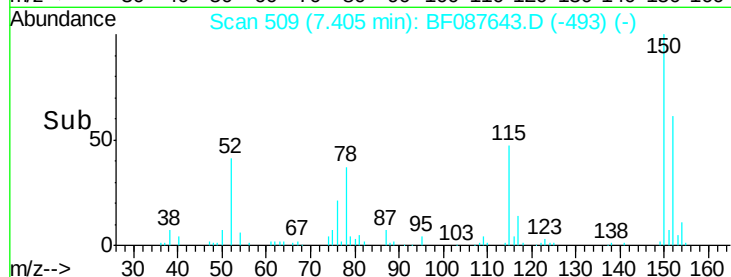
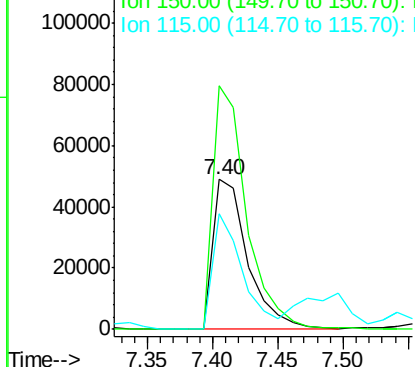
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.11 min
Lab File: BF087643.D
Acq: 2 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
B-2

Tot Ion:152 Resp: 91205
Ion Ratio Lower Upper
152 100
150 162.6 125.8 188.6
115 76.8 51.5 77.3



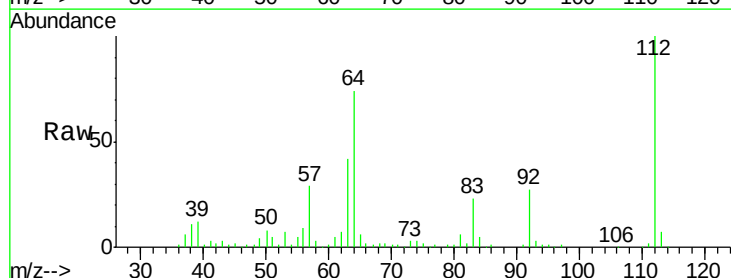
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



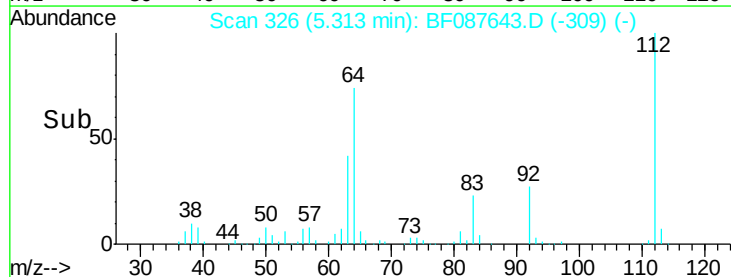
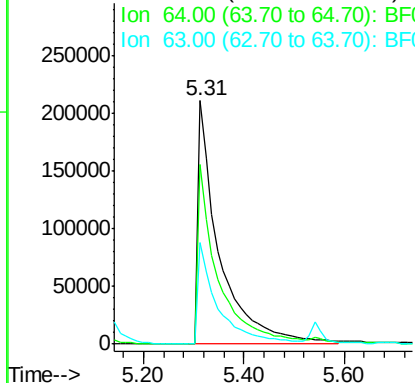
#5

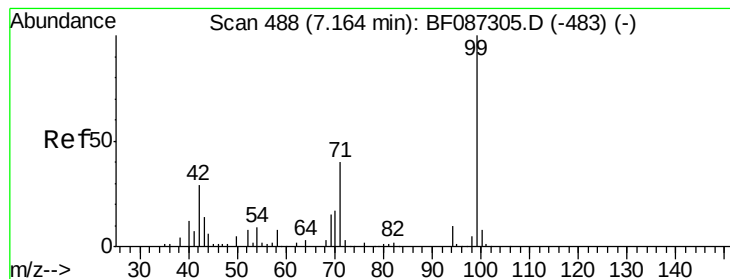
2-Fluorophenol
Concen: 120.06 ng
RT: 5.31 min Scan# 326
Delta R.T. -0.10 min
Lab File: BF087643.D
Acq: 2 Jun 2016 12:17

Tgt Ion:112 Resp: 623173
Ion Ratio Lower Upper
112 100
64 73.6 52.1 78.1
63 41.8 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: 112.72 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.08 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

Instrument :

BNA_F

ClientSampleId :

B-2

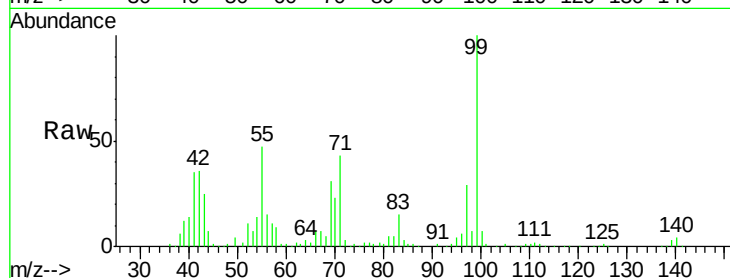
Tot Ion: 99 Resp: 790538

Ion Ratio Lower Upper

99 100

42 36.1 13.6 20.4#

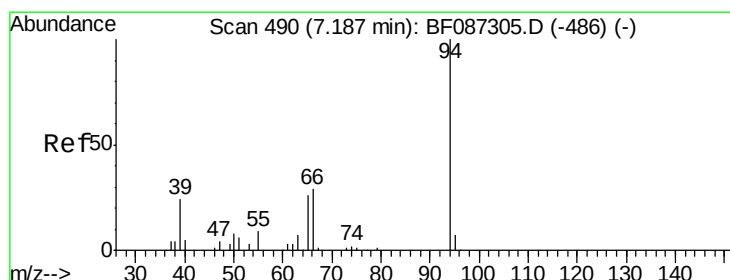
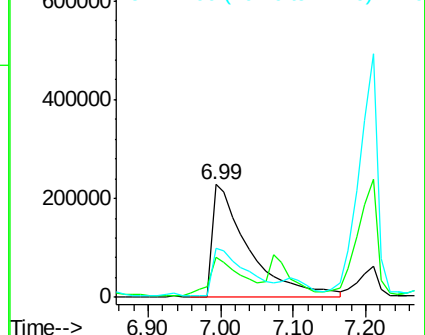
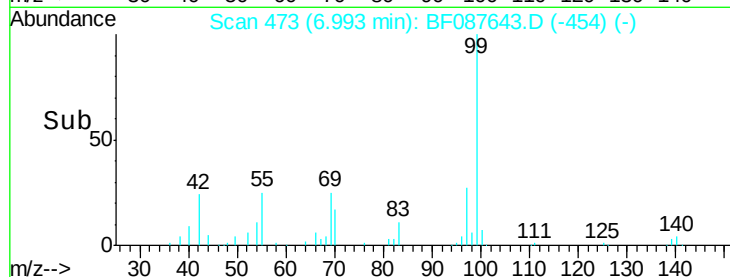
71 43.5 24.6 36.8#



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



#10

Phenol

Concen: 12.38 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.06 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

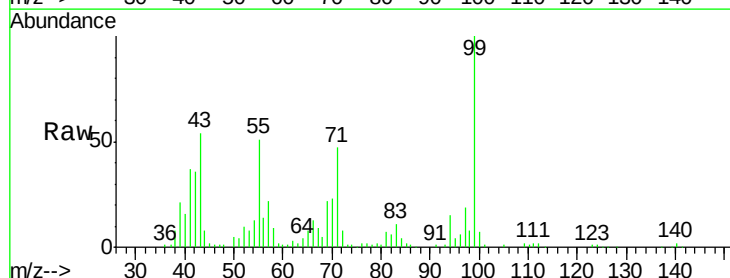
Tgt Ion: 94 Resp: 94802

Ion Ratio Lower Upper

94 100

65 52.4 7.2 47.2#

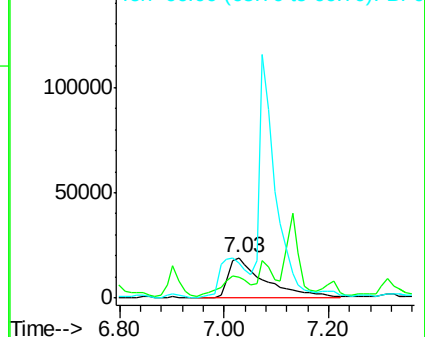
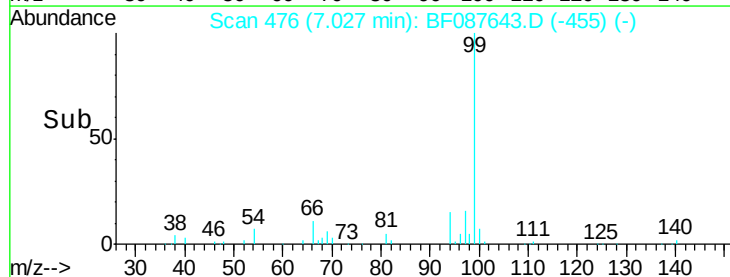
66 86.4 14.9 54.9#

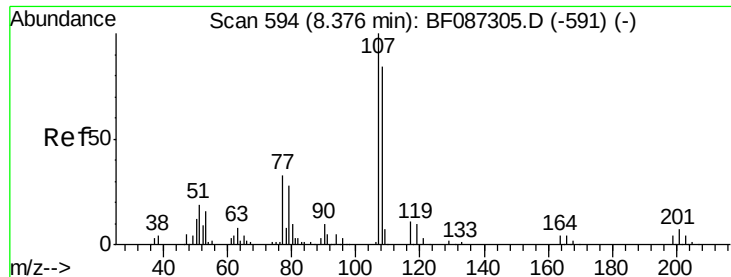


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

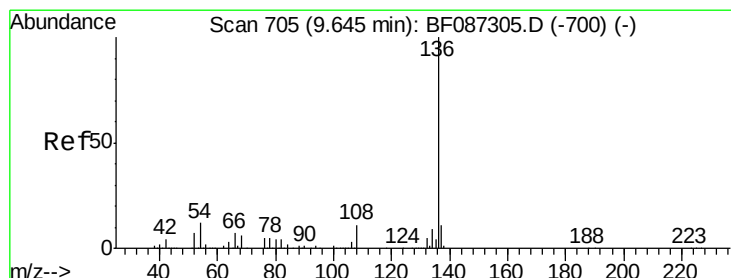
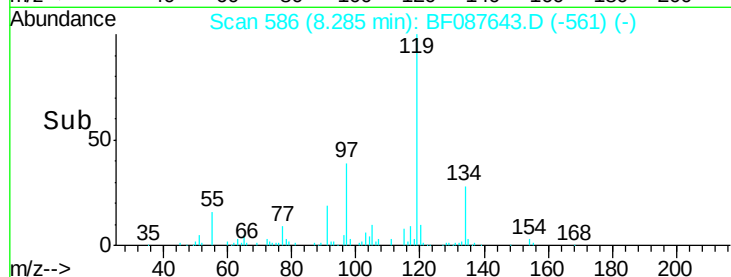
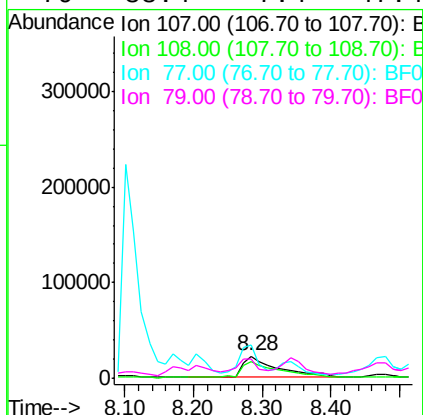
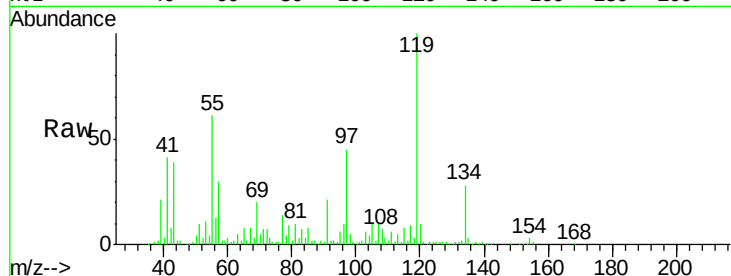




#20
3+4-Methylphenols
Concen: 12.73 ng
RT: 8.28 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF087643.D
Acq: 2 Jun 2016 12:17

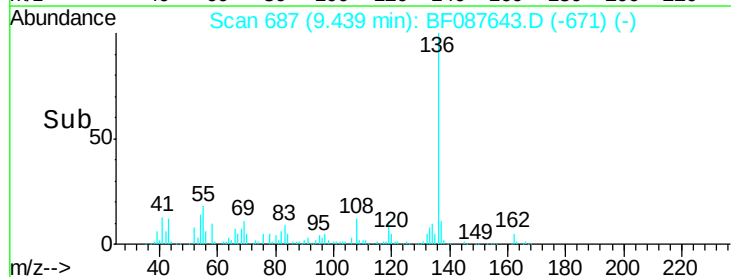
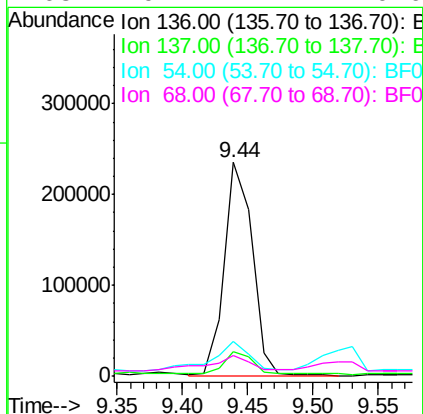
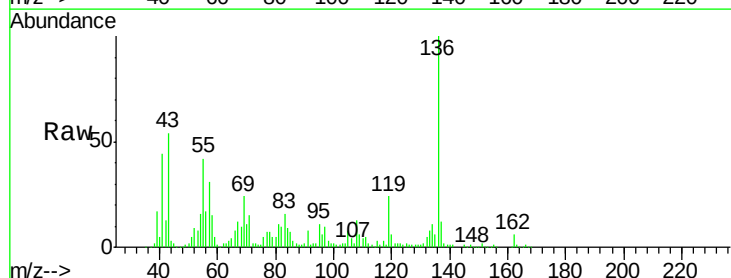
Instrument :
BNA_F
ClientSampleId :
B-2

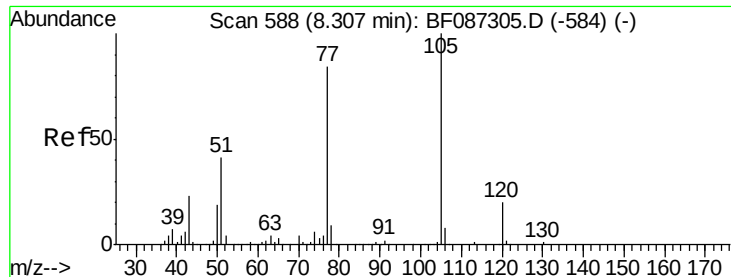
Tot Ion	Ratio	Lower	Upper
107	100		
108	74.5	68.5	108.5
77	149.0	101.6	141.6#
79	88.4	7.4	47.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.11 min
Lab File: BF087643.D
Acq: 2 Jun 2016 12:17

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	16.2	5.0	7.4#
68	9.7	4.4	6.6#





#22

Acetophenone

Concen: 47.97 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.11 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

Instrument :

BNA_F

ClientSampleId :

B-2

Tot Ion:105 Resp: 401558

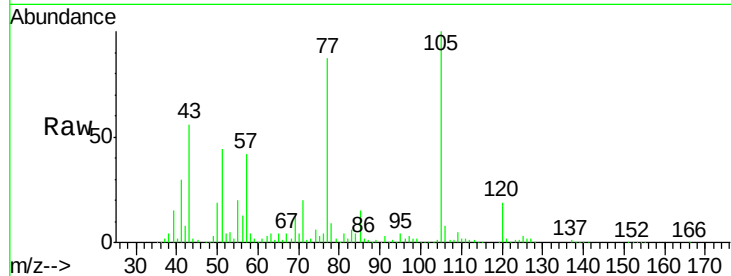
Ion Ratio Lower Upper

105 100

71 19.6 4.8 7.2#

51 43.6 32.6 49.0

120 19.1 16.5 24.7

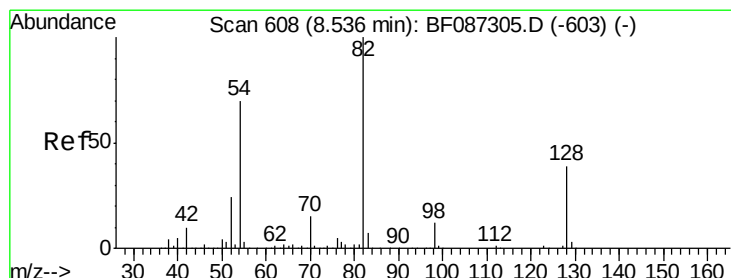
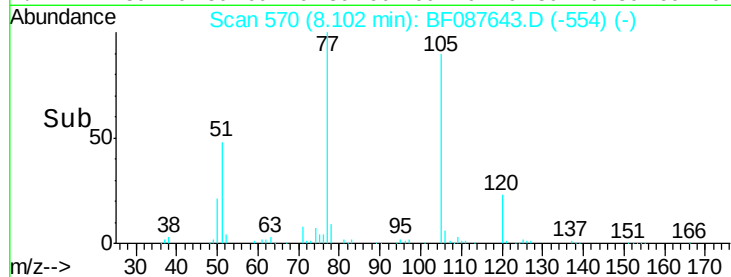
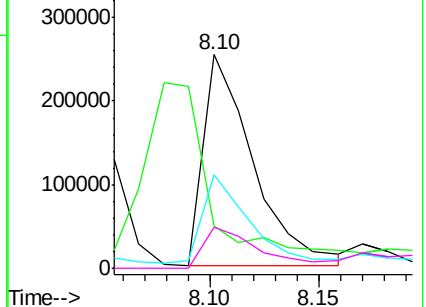


Abundance Ion 105.00 (104.70 to 105.70): E

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: 72.15 ng

RT: 8.33 min Scan# 590

Delta R.T. -0.11 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

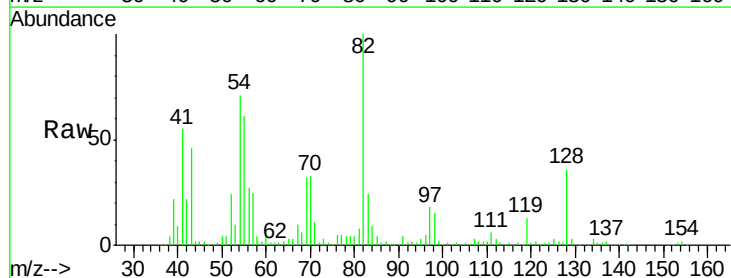
Tgt Ion: 82 Resp: 501612

Ion Ratio Lower Upper

82 100

128 36.2 40.6 61.0#

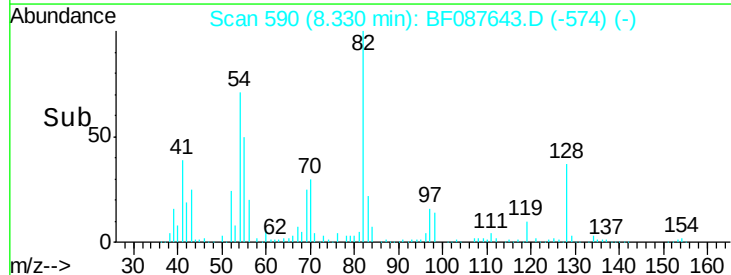
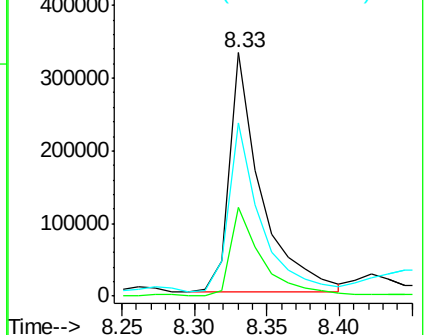
54 71.2 38.1 57.1#

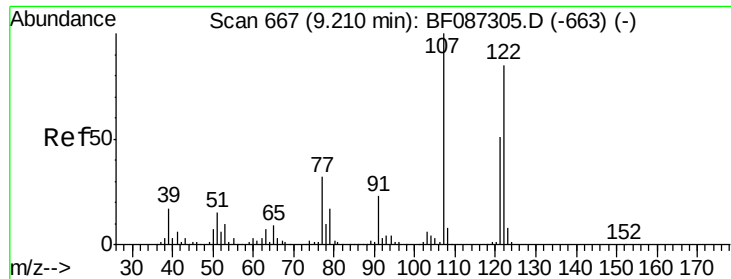


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 15.22 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.06 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

Instrument :

BNA_F

ClientSampleId :

B-2

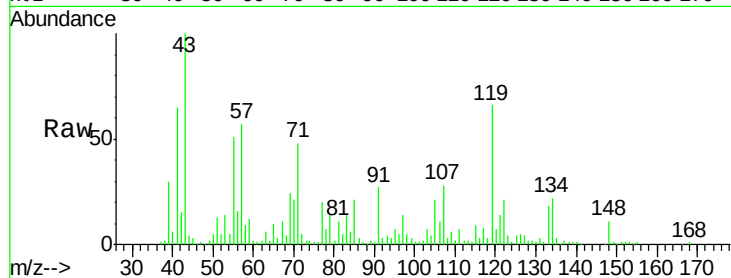
Tot Ion:122 Resp: 79254

Ion Ratio Lower Upper

122 100

107 134.4 82.0 123.0#

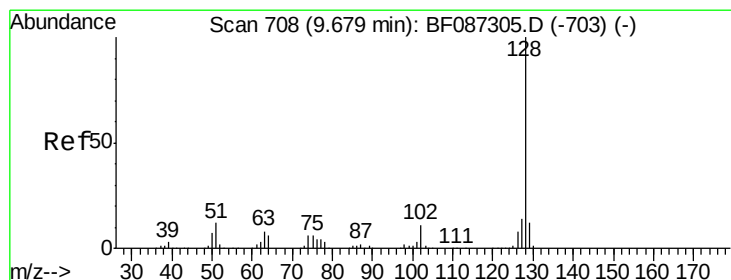
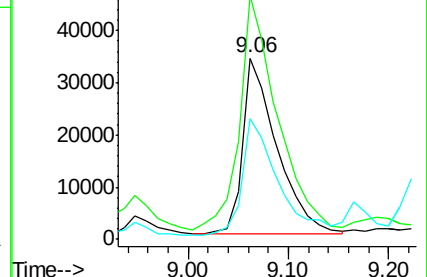
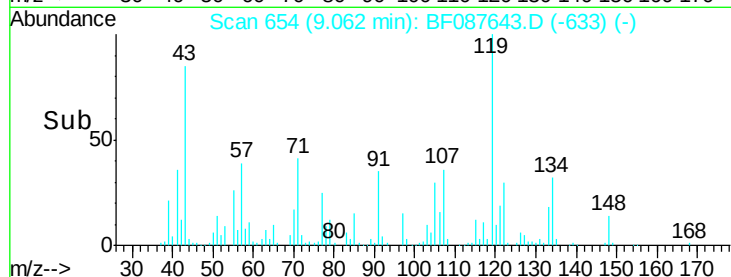
121 66.6 46.1 69.1



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: 93.40 ng

RT: 9.47 min Scan# 690

Delta R.T. -0.11 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

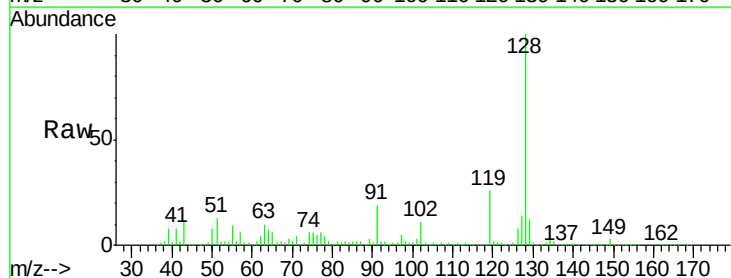
Tgt Ion:128 Resp: 1639838

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

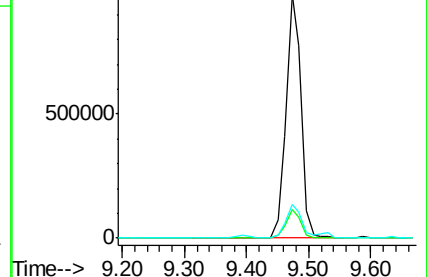
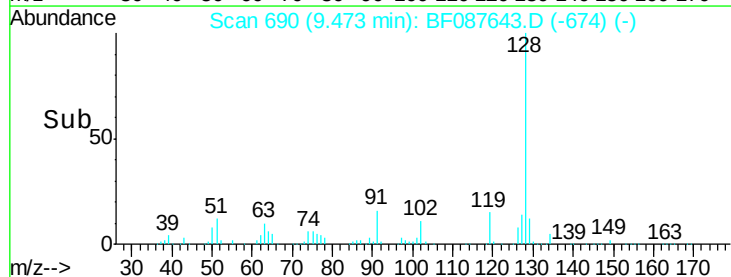
127 14.1 10.8 16.2

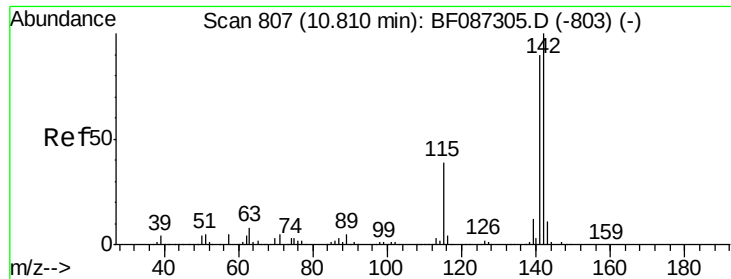


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

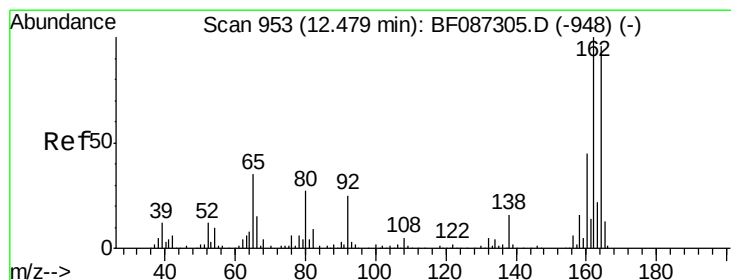
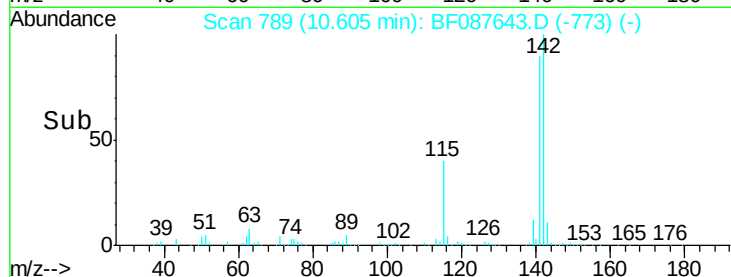
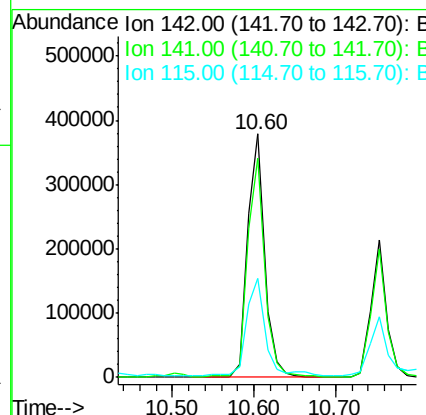
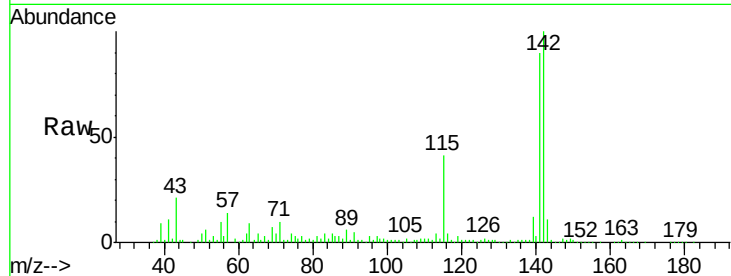




#37
2-Methylnaphthalene
Concen: 50.03 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.11 min
Lab File: BF087643.D
Acq: 2 Jun 2016 12:17

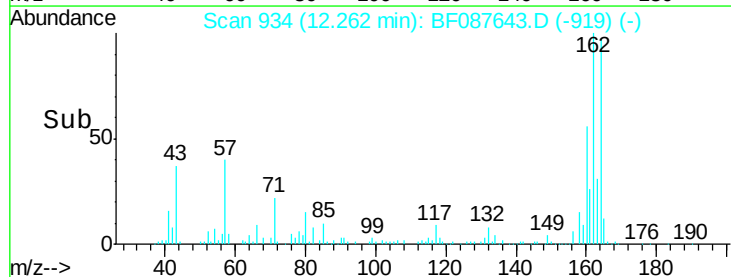
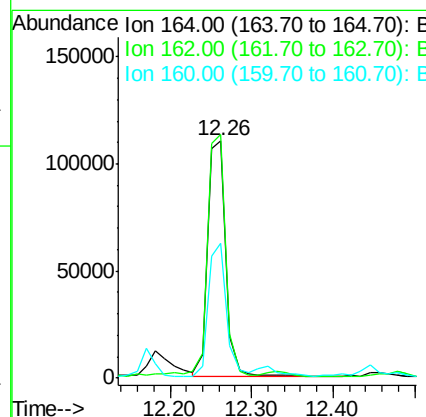
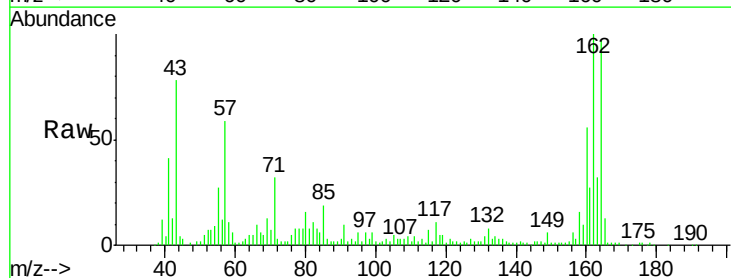
Instrument :
BNA_F
ClientSampled :
B-2

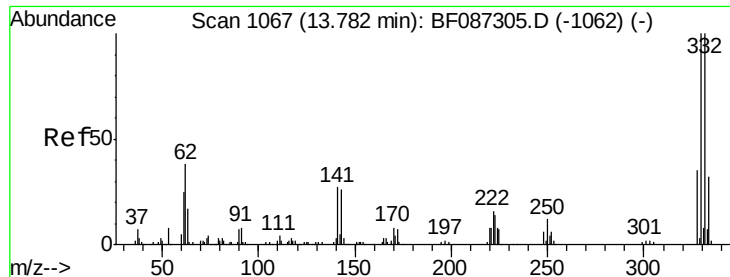
Tot Ion:142 Resp: 548783
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.6
115 40.6 26.6 39.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.13 min
Lab File: BF087643.D
Acq: 2 Jun 2016 12:17

Tgt Ion:164 Resp: 173982
Ion Ratio Lower Upper
164 100
162 102.6 82.8 124.2
160 57.0 36.9 55.3#





#41

2,4,6-Tribromophenol

Concen: 101.78 ng

RT: 13.57 min Scan# 1048

Delta R.T. -0.11 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

Instrument :

BNA_F

ClientSampleId :

B-2

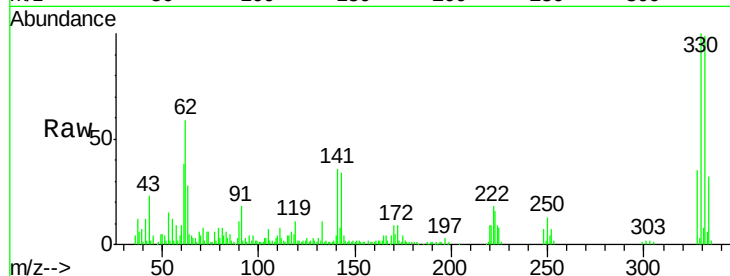
Tot Ion:330 Resp: 170163

Ion Ratio Lower Upper

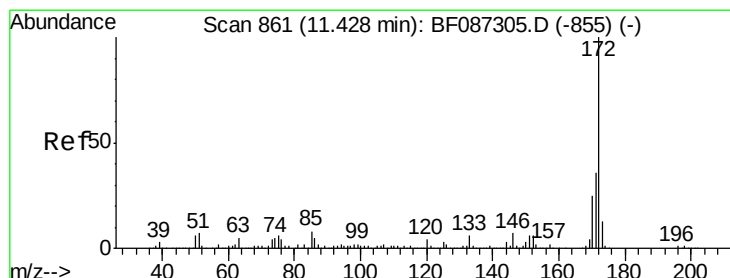
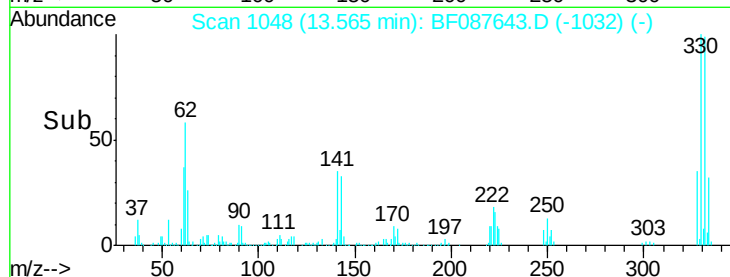
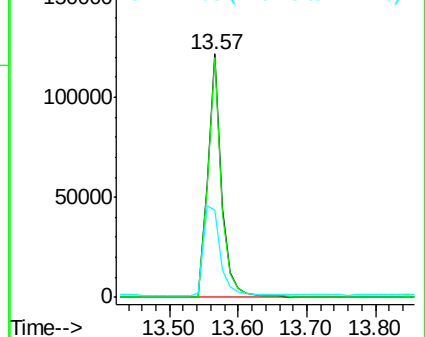
330 100

332 97.0 79.0 118.4

141 43.8 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: 58.66 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.13 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

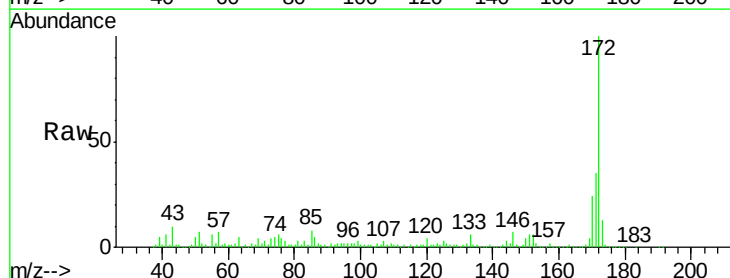
Tgt Ion:172 Resp: 723910

Ion Ratio Lower Upper

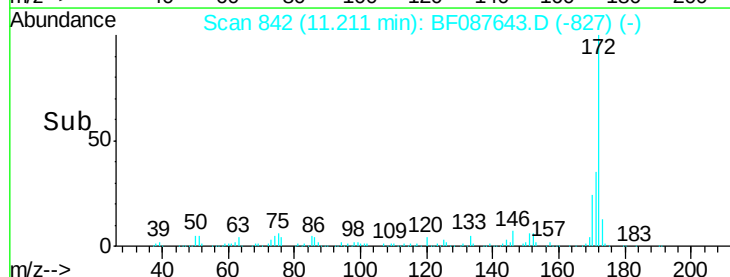
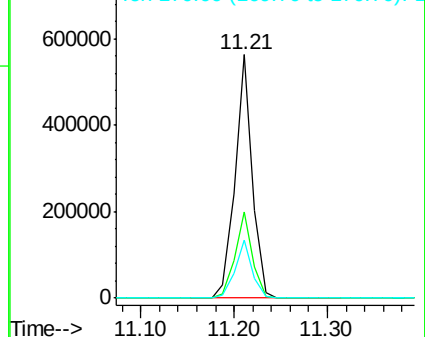
172 100

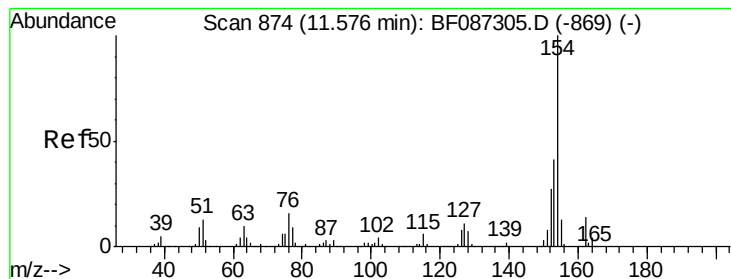
171 35.5 29.0 43.6

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: 5.49 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.11 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

Instrument :

BNA_F

ClientSampleId :

B-2

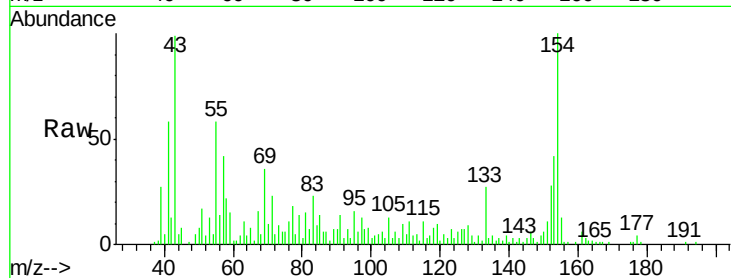
Tot Ion:154 Resp: 80464

Ion Ratio Lower Upper

154 100

153 41.7 20.3 60.3

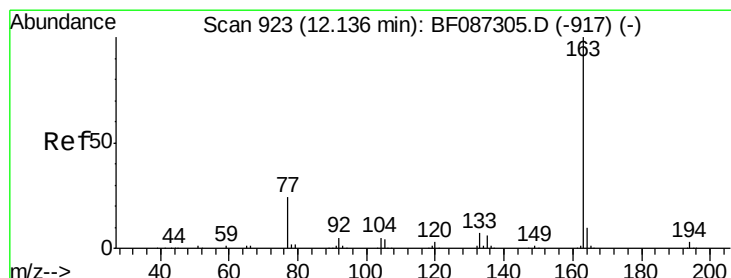
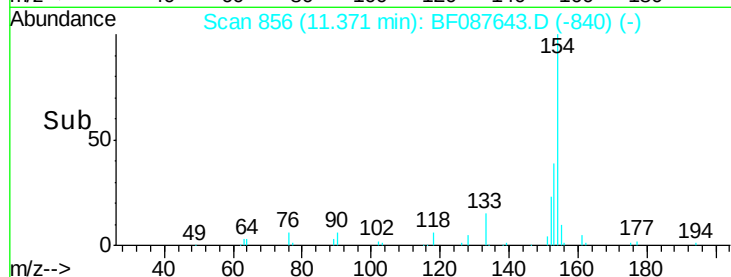
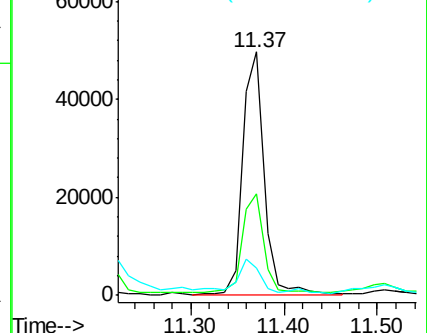
76 11.1 0.0 30.2



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: 5.34 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.13 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

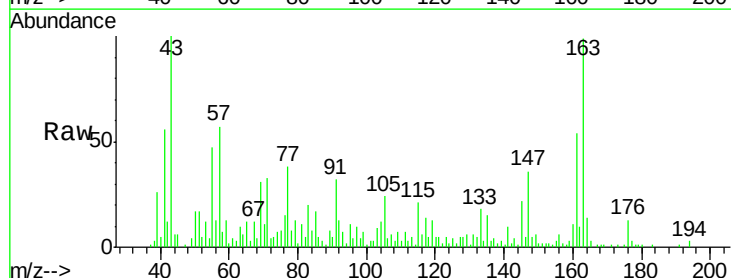
Tgt Ion:163 Resp: 74374

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

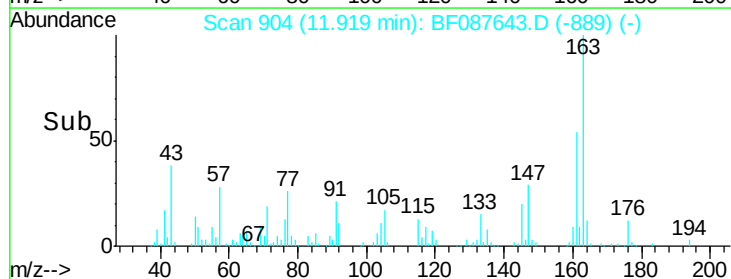
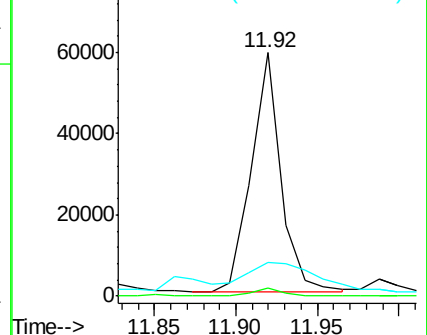
164 14.0 8.2 12.4#

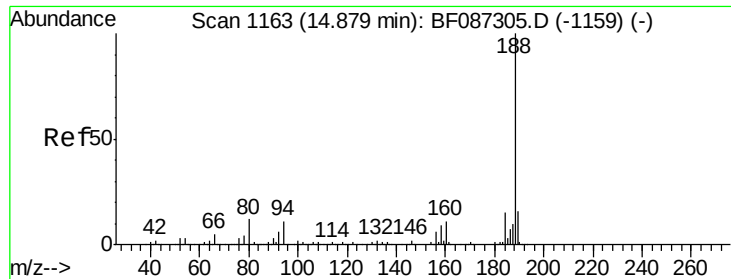


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

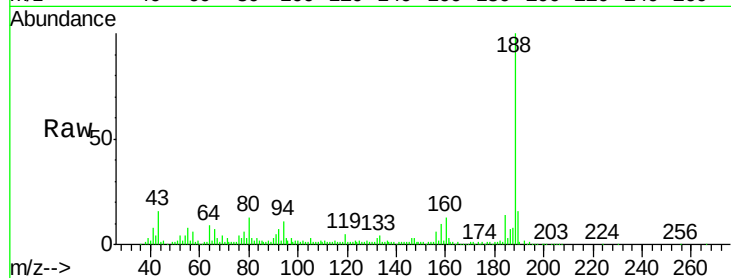




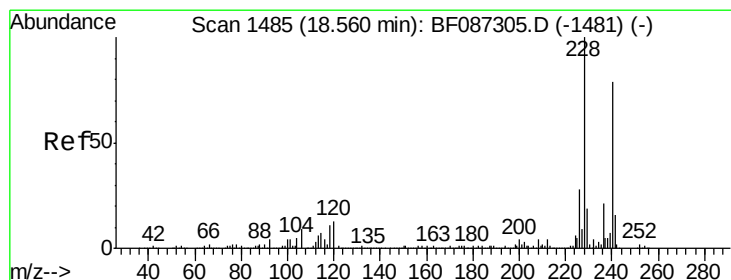
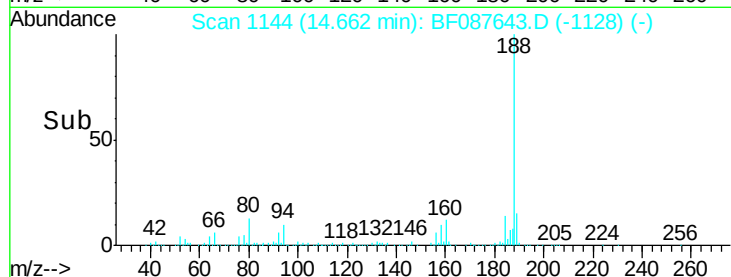
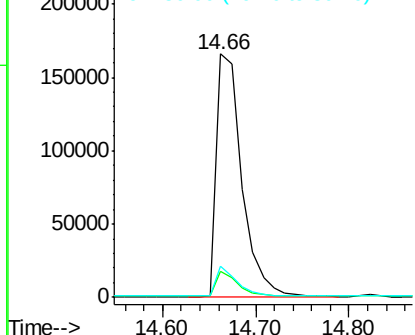
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.11 min
Lab File: BF087643.D
Acq: 2 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
B-2

Tot Ion:188 Resp: 314649
Ion Ratio Lower Upper
188 100
94 10.9 6.8 10.2#
80 13.0 7.1 10.7#

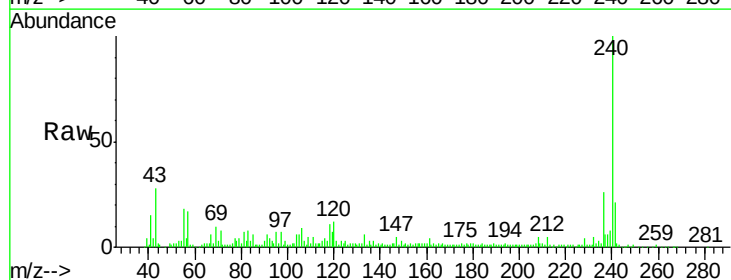


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

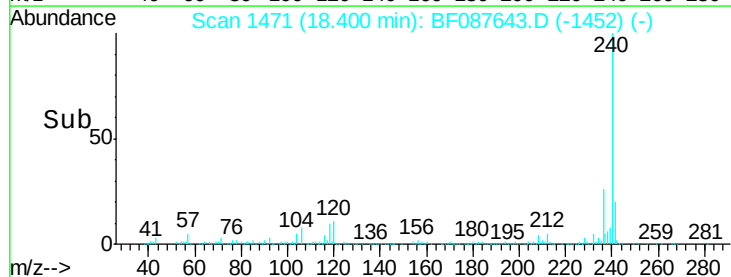
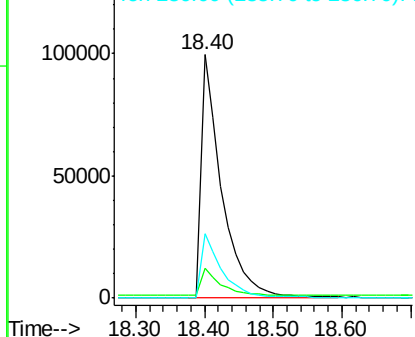


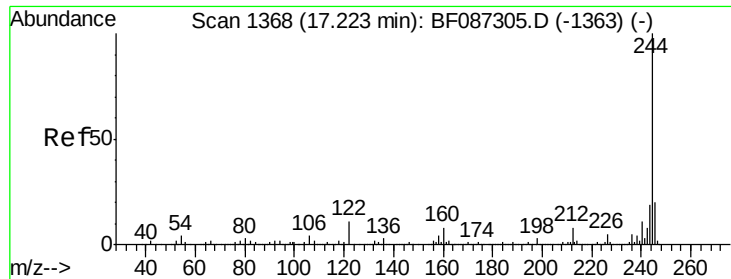
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.08 min
Lab File: BF087643.D
Acq: 2 Jun 2016 12:17

Tgt Ion:240 Resp: 204672
Ion Ratio Lower Upper
240 100
120 12.3 11.2 16.8
236 26.3 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: 58.94 ng

RT: 17.02 min Scan# 1350

Delta R.T. -0.11 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

Instrument :

BNA_F

ClientSampleId :

B-2

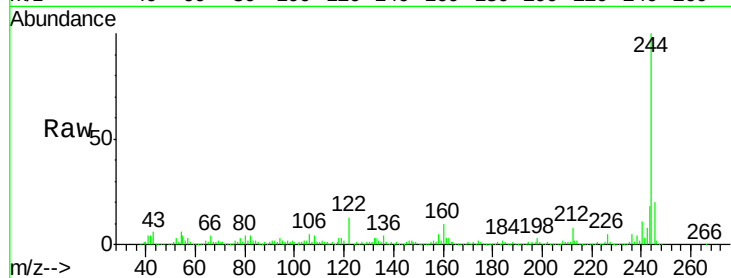
Tot Ion:244 Resp: 567399

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

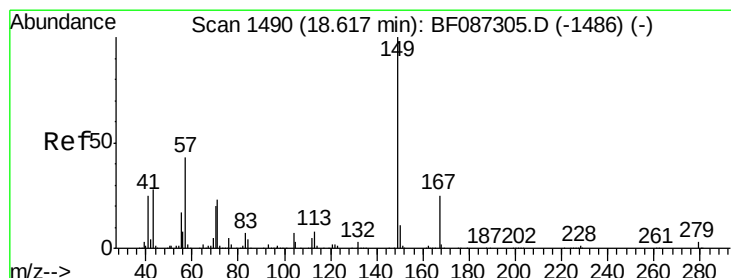
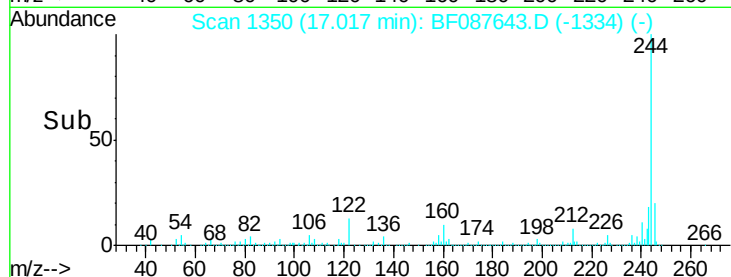
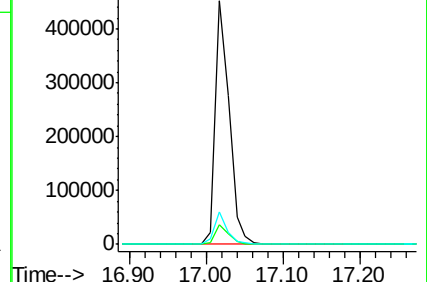
122 13.5 12.0 18.0



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.96 ng

RT: 18.42 min Scan# 1473

Delta R.T. -0.11 min

Lab File: BF087643.D

Acq: 2 Jun 2016 12:17

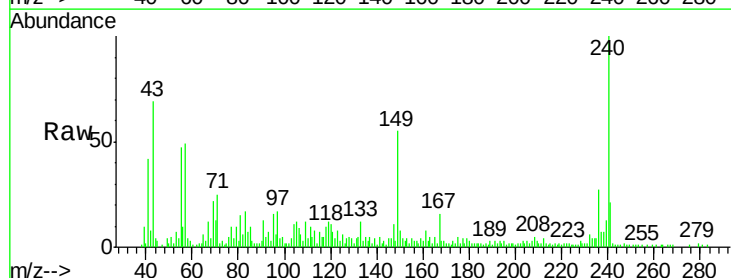
Tgt Ion:149 Resp: 28240

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.6

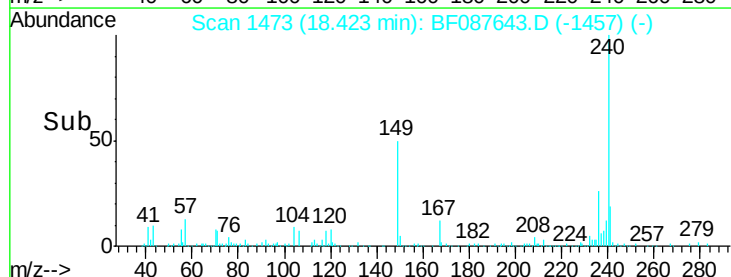
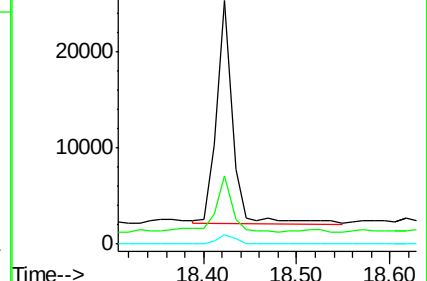
279 3.8 2.6 4.0

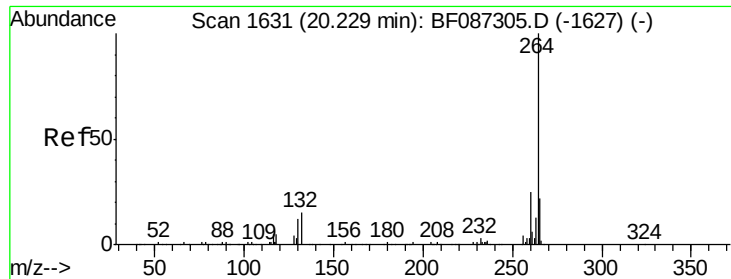


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

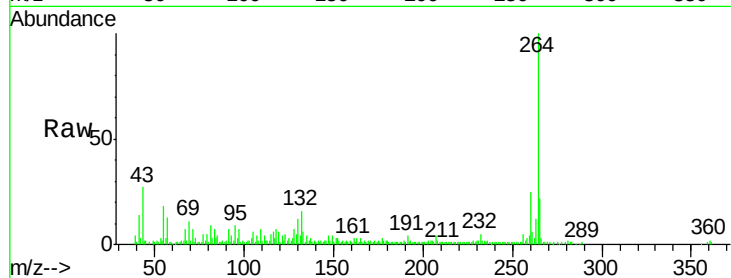




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.09 min Scan# 1619
Delta R.T. -0.05 min
Lab File: BF087643.D
Acq: 2 Jun 2016 12:17

Instrument :
BNA_F
ClientSampleId :
B-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.1	17.3	25.9



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

