

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051916\
 Data File : BF087223.D
 Acq On : 20 May 2016 10:28
 Operator : UM/SJ
 Sample : H3121-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 14:39:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 16:55:01 2016
 Response via : Initial Calibration

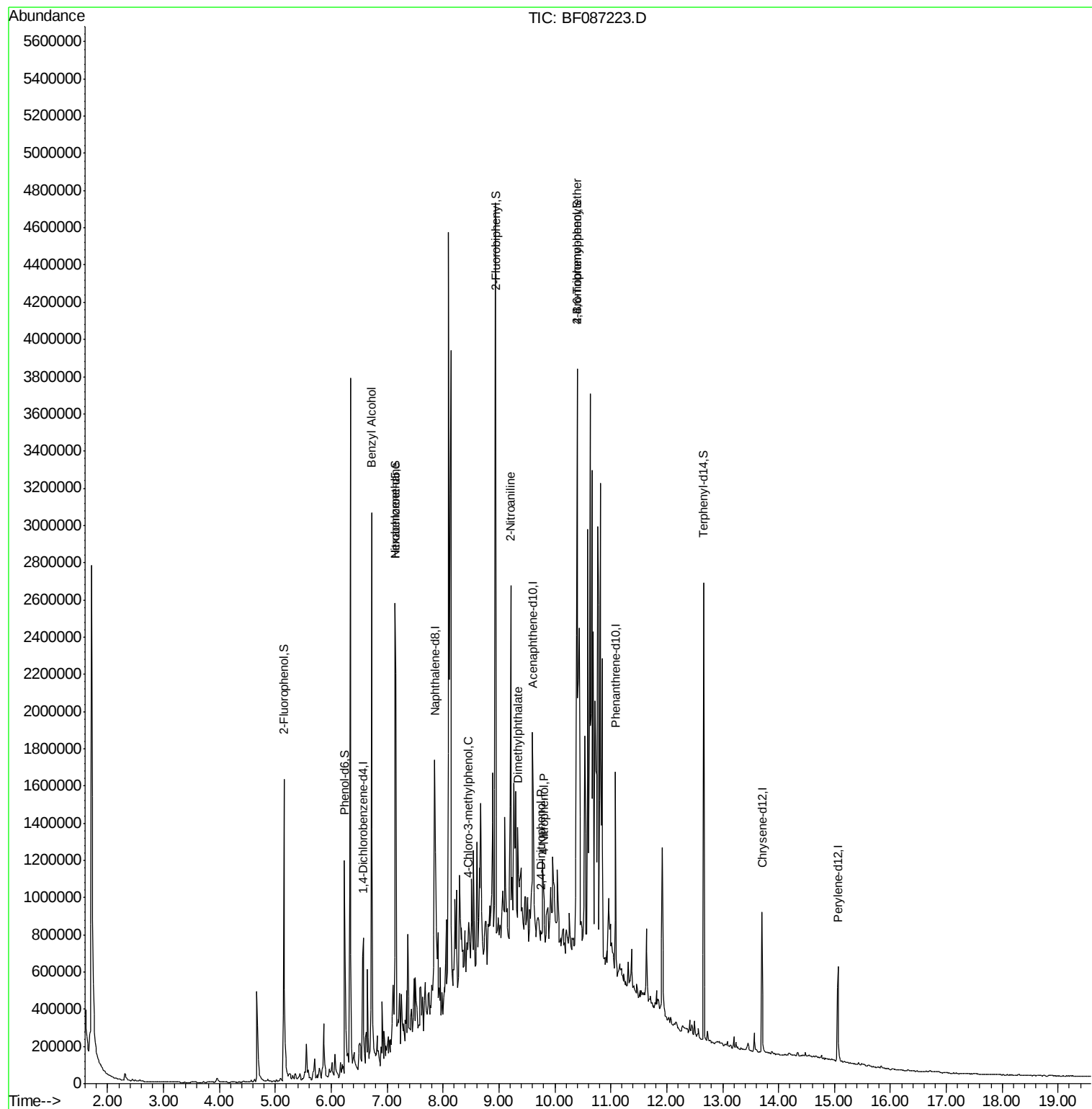
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	131071	20.00	ng	-0.03
21) Naphthalene-d8	7.85	136	496961	20.00	ng	-0.05
38) Acenaphthene-d10	9.60	164	215928	20.00	ng	-0.05
63) Phenanthrene-d10	11.08	188	378477	20.00	ng	-0.03
75) Chrysene-d12	13.70	240	266740	20.00	ng	-0.06
86) Perylene-d12	15.06	264	253901	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	509642	65.36	ng	-0.05
7) Phenol-d6	6.24	99	485471	46.42	ng	-0.05
23) Nitrobenzene-d5	7.14	82	908115	91.07	ng	-0.05
41) 2,4,6-Tribromophenol	10.40	330	307409	128.83	ng	-0.05
44) 2-Fluorobiphenyl	8.94	172	1210544	92.85	ng	-0.05
78) Terphenyl-d14	12.66	244	685484	58.13	ng	-0.05
Target Compounds						Qvalue
15) Benzyl Alcohol	6.72	79	16927	2.17	ng	# 46
18) Hexachloroethane	7.14	117	187167	47.44	ng	# 12
36) 4-Chloro-3-methylphenol	8.46	107	46423	5.67	ng	# 26
47) 2-Nitroaniline	9.21	65	42270	8.03	ng	# 19
49) Dimethylphthalate	9.34	163	81646	4.96	ng	# 93
53) 2,4-Dinitrophenol	9.76	184	1784	5.56	ng	# 33
55) 4-Nitrophenol	9.80	139	14655	12.21	ng	# 54
66) 4-Bromophenyl-phenylether	10.40	248	19769	5.08	ng	# 1

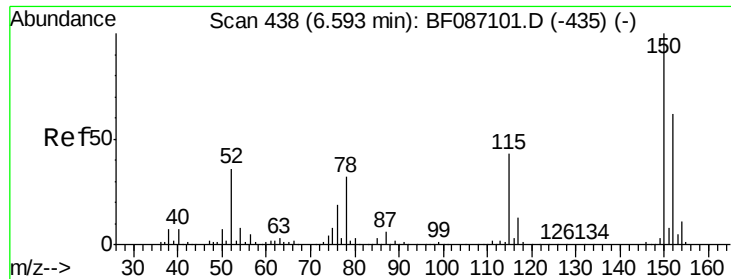
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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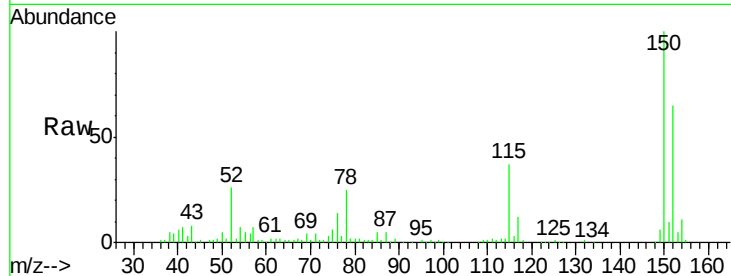


#1

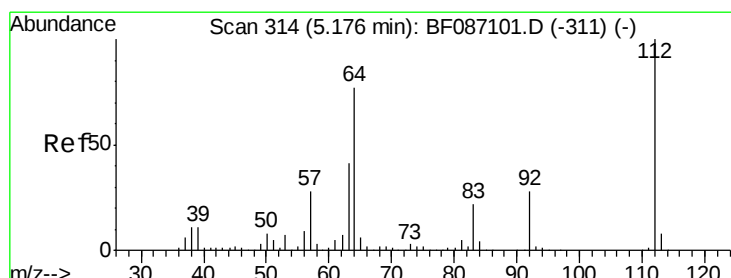
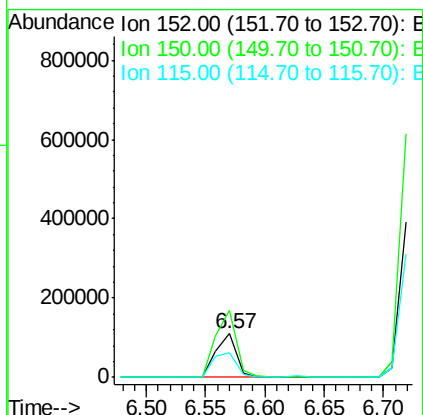
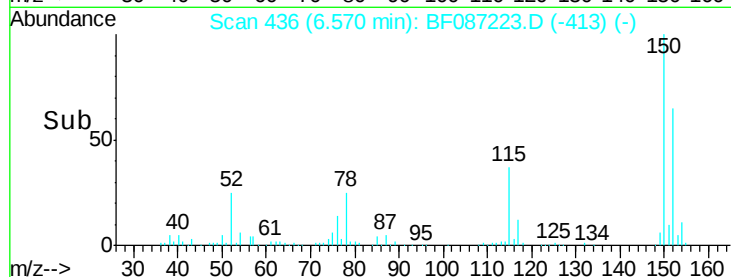
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.03 min
Lab File: BF087223.D
Acq: 20 May 2016 10:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131071
Ion Ratio Lower Upper
152 100
150 153.4 125.8 188.6
115 56.7 51.5 77.3



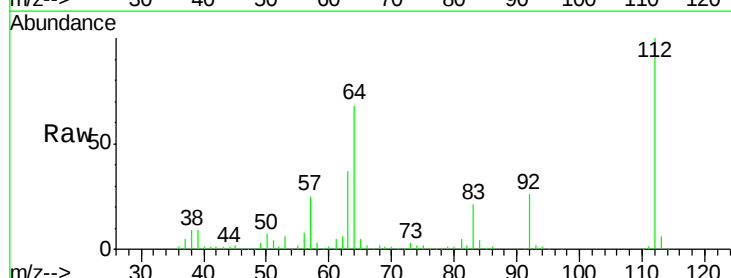
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



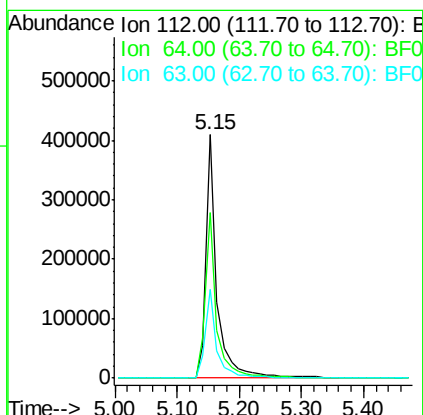
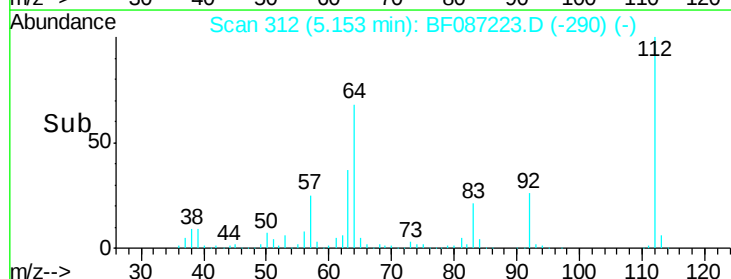
#5

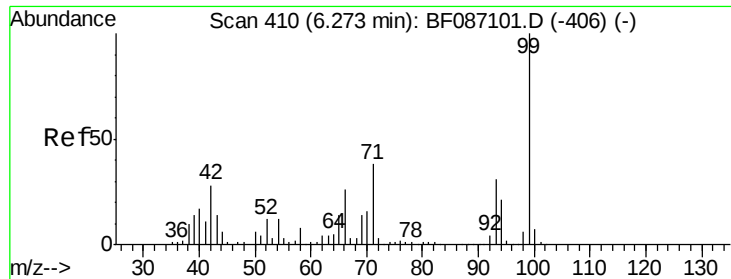
2-Fluorophenol
Concen: 65.36 ng
RT: 5.15 min Scan# 312
Delta R.T. -0.05 min
Lab File: BF087223.D
Acq: 20 May 2016 10:28

Tgt Ion:112 Resp: 509642
Ion Ratio Lower Upper
112 100
64 68.0 52.1 78.1
63 36.6 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: 46.42 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF087223.D

Acq: 20 May 2016 10:28

Instrument :

BNA_F

ClientSampleId :

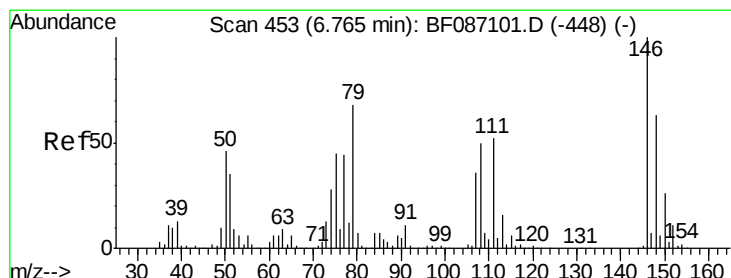
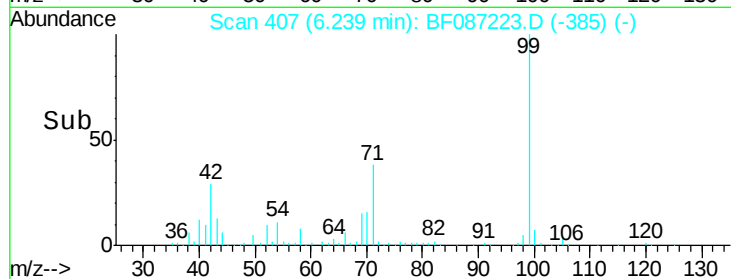
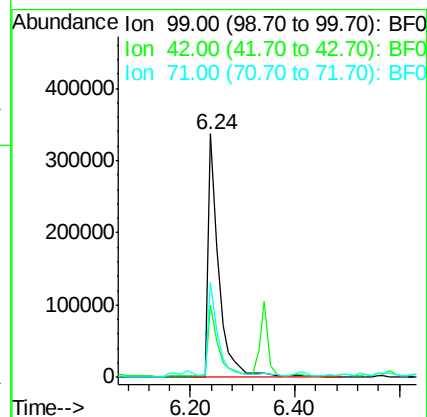
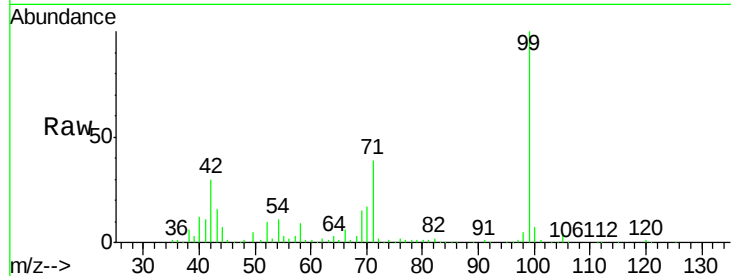
Tot Ion: 99 Resp: 485471

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

71 38.9 24.6 36.8#



#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF087223.D

Acq: 20 May 2016 10:28

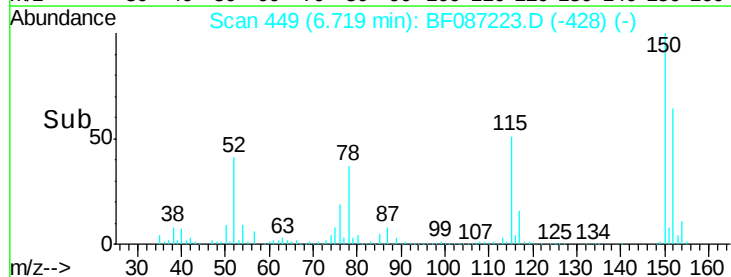
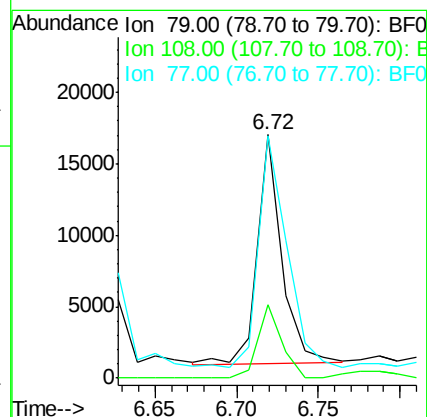
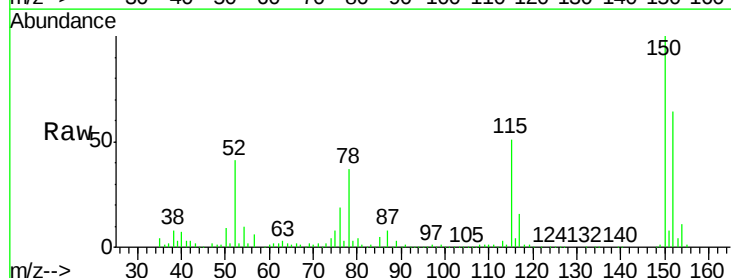
Tgt Ion: 79 Resp: 16927

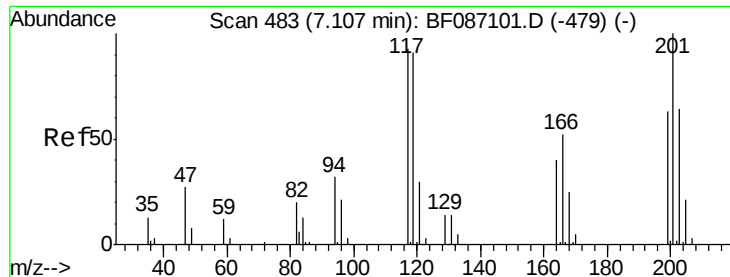
Ion Ratio Lower Upper

79 100

108 30.4 68.4 102.6#

77 99.7 50.6 76.0#

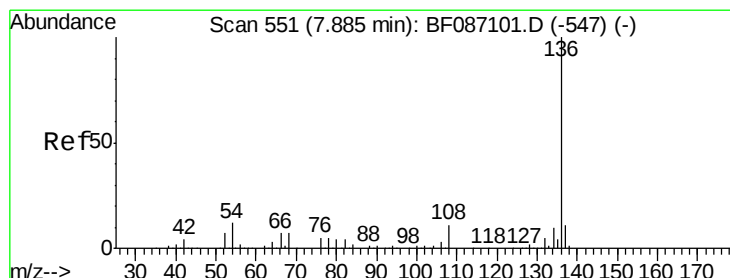
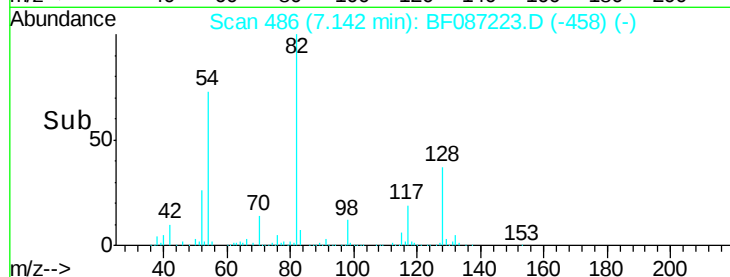
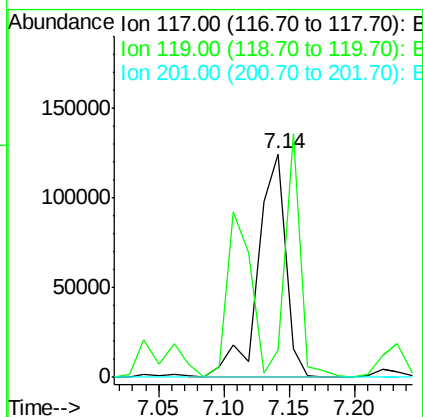
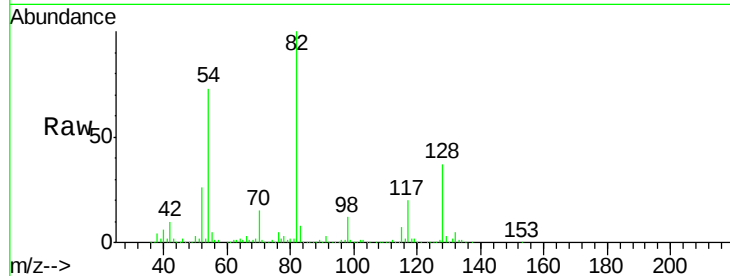




#18
Hexachloroethane
Concen: 47.44 ng
RT: 7.14 min Scan# 486
Delta R.T. 0.02 min
Lab File: BF087223.D
Acq: 20 May 2016 10:28

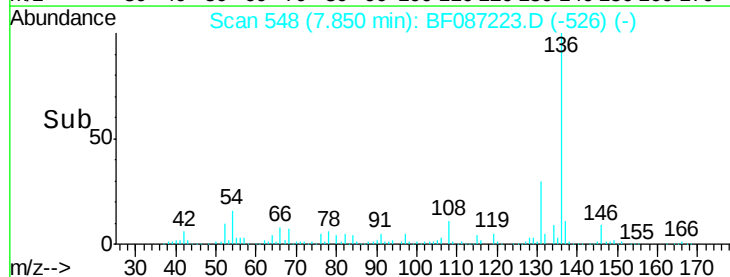
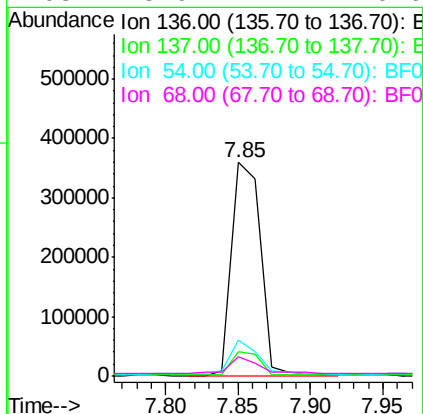
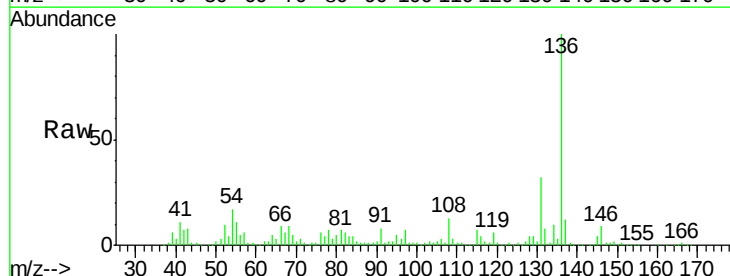
Instrument :
BNA_F
ClientSampleId :

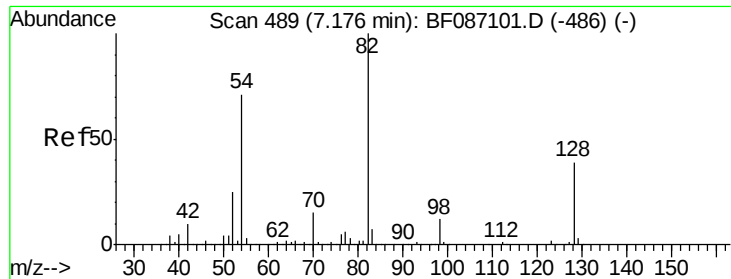
Tot Ion:117 Resp: 187167
Ion Ratio Lower Upper
117 100
119 12.0 76.5 114.7#
201 0.0 63.0 94.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.05 min
Lab File: BF087223.D
Acq: 20 May 2016 10:28

Tgt Ion:136 Resp: 496961
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 16.9 5.0 7.4#
68 8.9 4.4 6.6#





#23

Nitrobenzene-d5

Concen: 91.07 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF087223.D

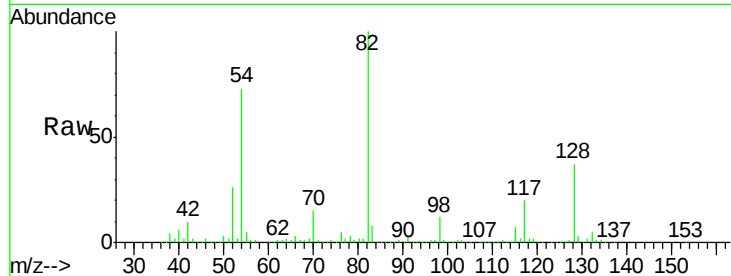
Acq: 20 May 2016 10:28

Instrument :

BNA_F

ClientSampleId :

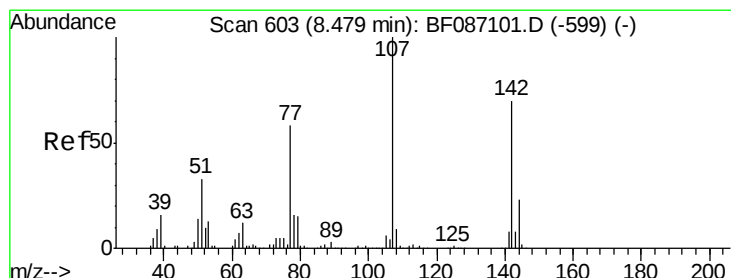
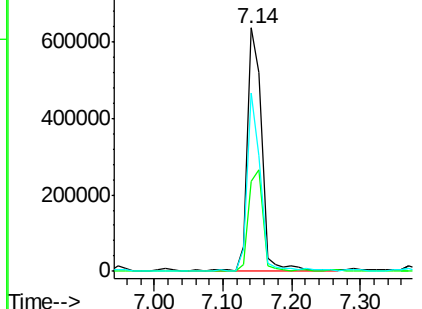
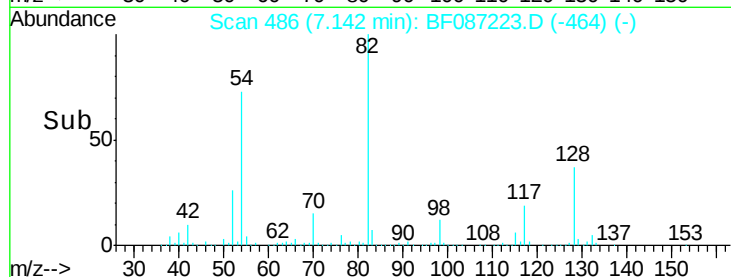
Tot Ion:	82	Resp:	908115
Ion	Ratio	Lower	Upper
82	100		
128	37.0	40.6	61.0#
54	73.4	38.1	57.1#



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



#36

4-Chloro-3-methylphenol

Concen: 5.67 ng

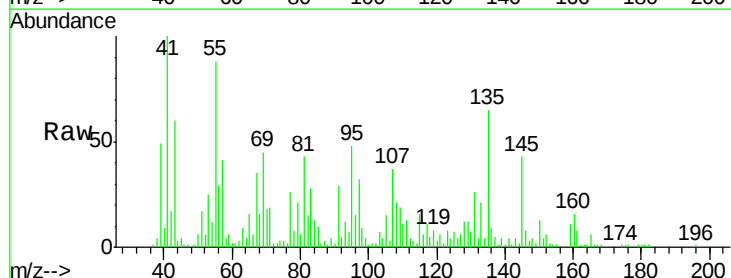
RT: 8.46 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF087223.D

Acq: 20 May 2016 10:28

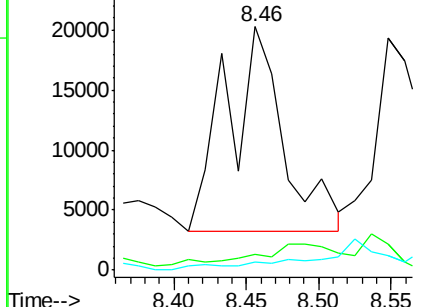
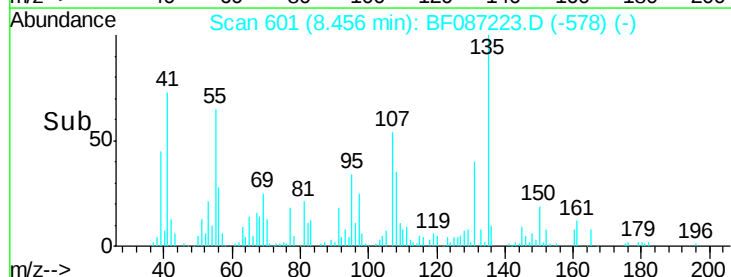
Tgt Ion:	107	Resp:	46423
Ion	Ratio	Lower	Upper
107	100		
144	6.6	20.7	31.1#
142	3.5	63.2	94.8#

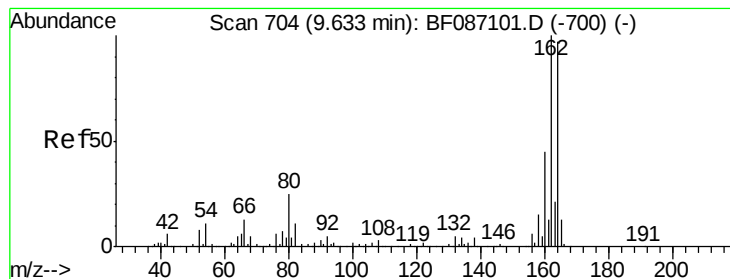


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF087223.D

Acq: 20 May 2016 10:28

Instrument :

BNA_F

ClientSampleId :

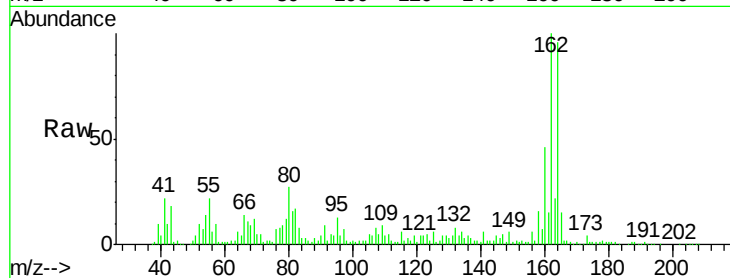
Tot Ion:164 Resp: 215928

Ion Ratio Lower Upper

164 100

162 104.3 82.8 124.2

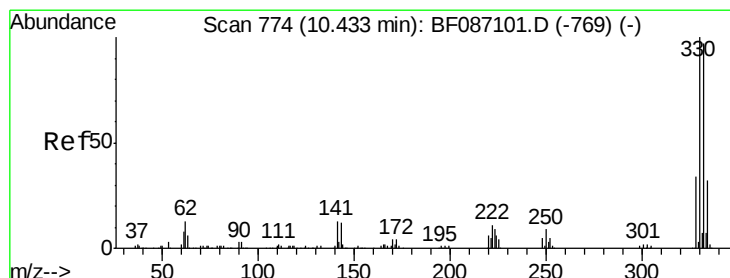
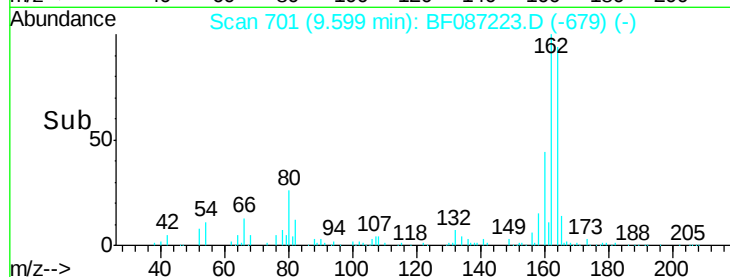
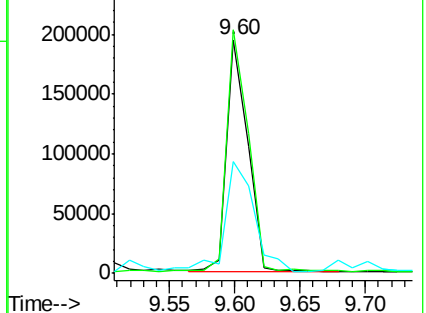
160 47.7 36.9 55.3



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: 128.83 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.05 min

Lab File: BF087223.D

Acq: 20 May 2016 10:28

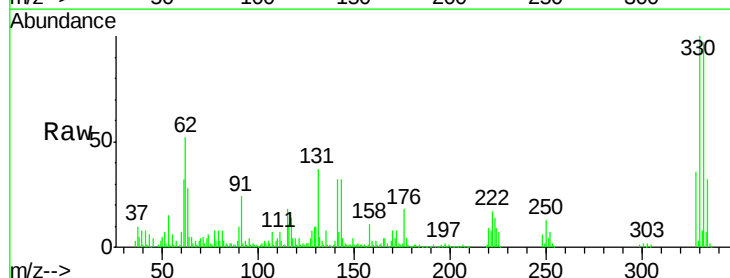
Tgt Ion:330 Resp: 307409

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

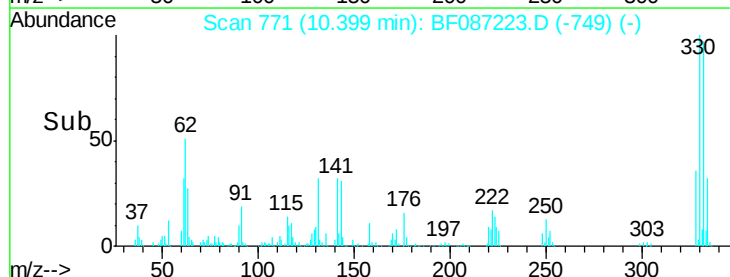
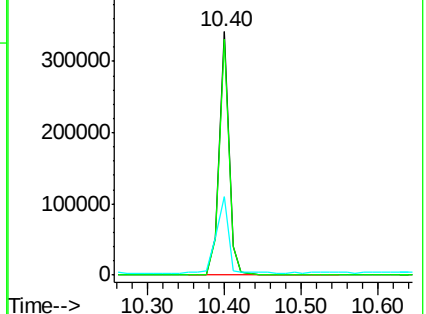
141 38.8 31.2 46.8

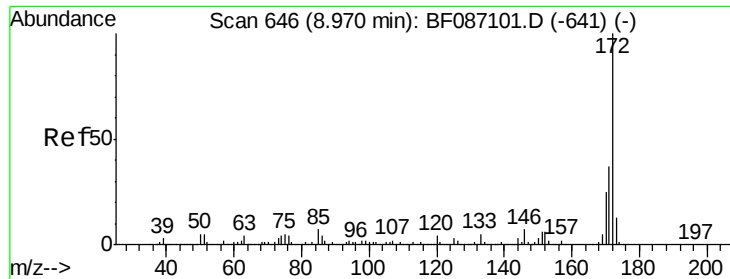


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.85 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.05 min

Lab File: BF087223.D

Acq: 20 May 2016 10:28

Instrument :

BNA_F

ClientSampleId :

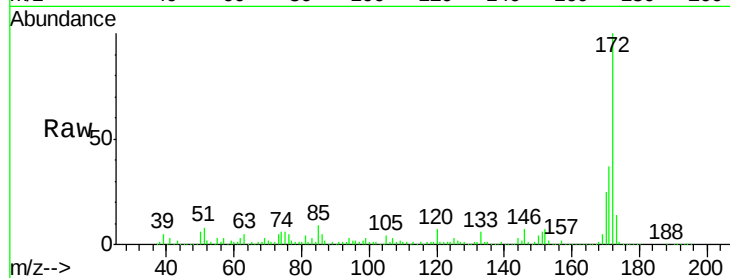
Tot Ion:172 Resp: 1210544

Ion Ratio Lower Upper

172 100

171 36.7 29.0 43.6

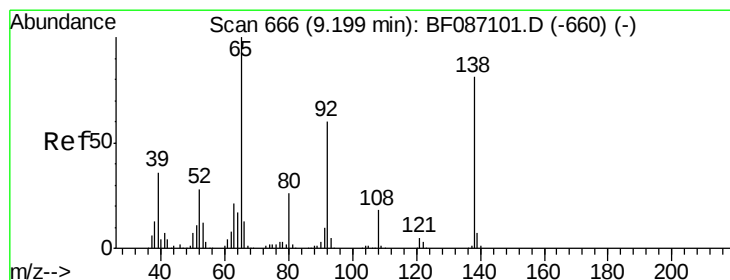
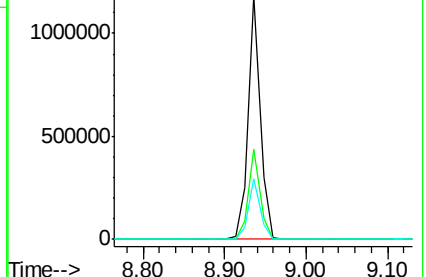
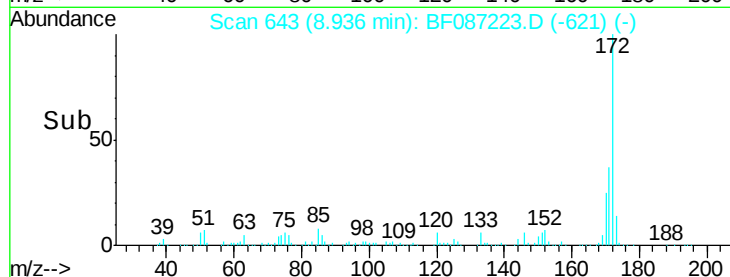
170 24.7 19.8 29.8



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



#47

2-Nitroaniline

Concen: 8.03 ng

RT: 9.21 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF087223.D

Acq: 20 May 2016 10:28

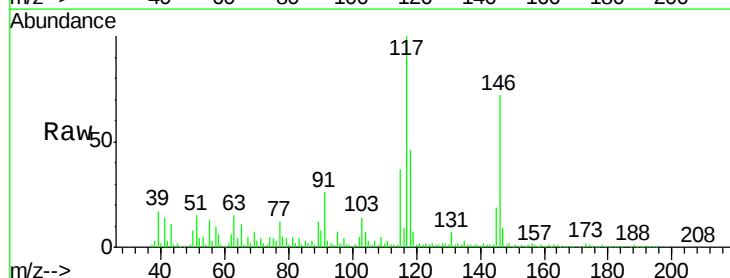
Tgt Ion: 65 Resp: 42270

Ion Ratio Lower Upper

65 100

92 29.5 57.4 86.2#

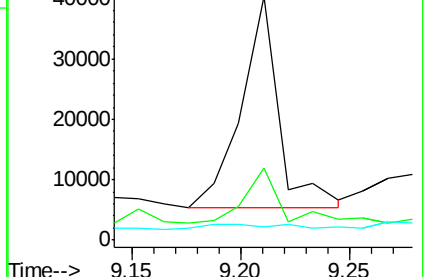
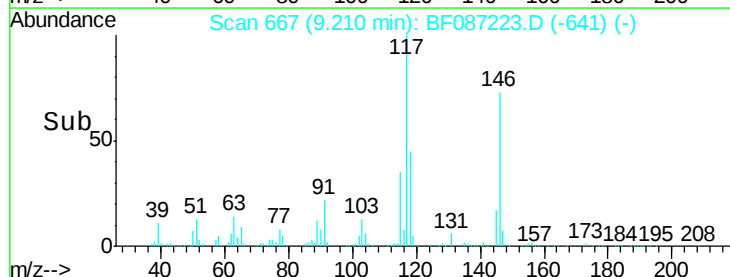
138 5.4 90.1 135.1#

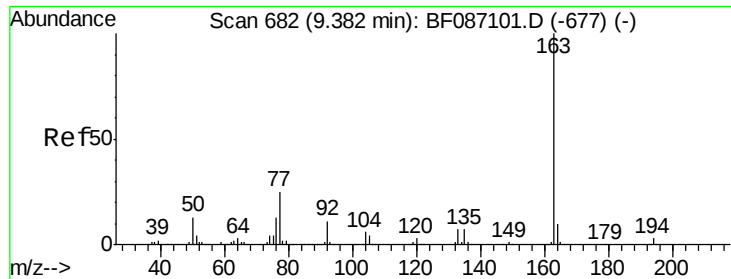


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

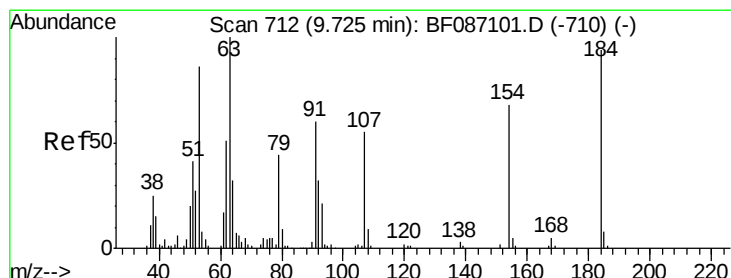
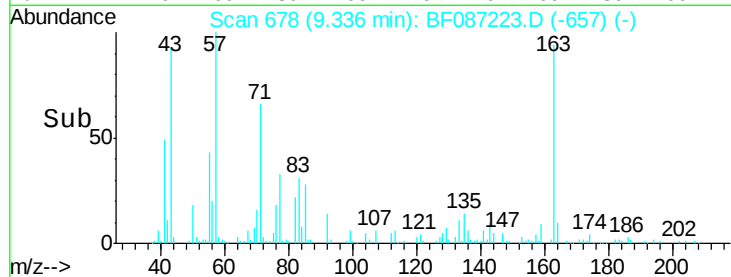
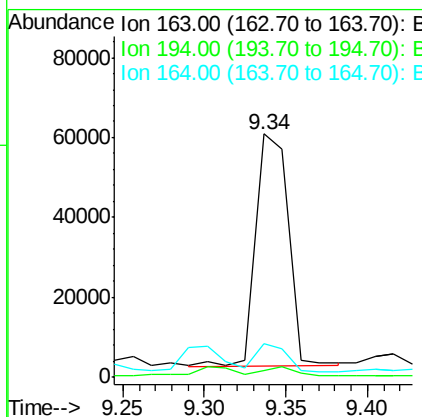
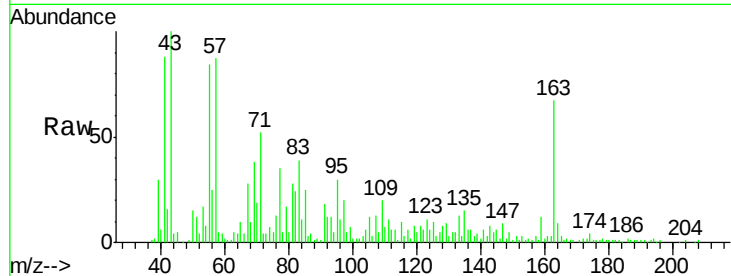




#49
Dimethylphthalate
Concen: 4.96 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF087223.D
Acq: 20 May 2016 10:28

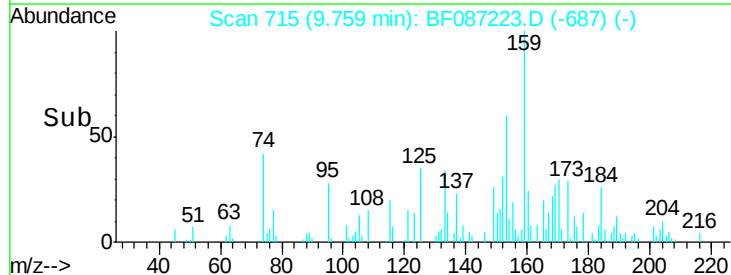
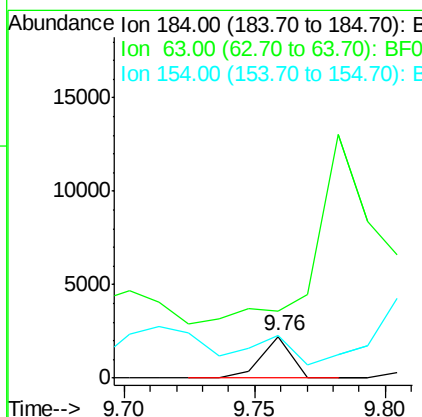
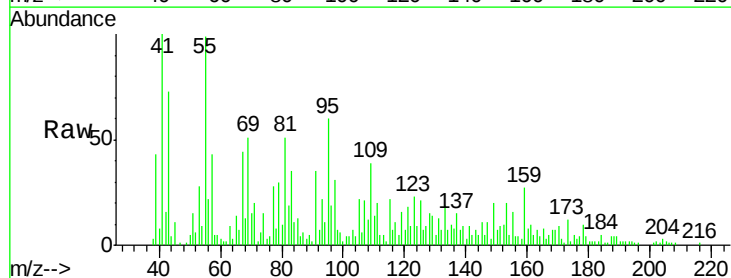
Instrument :
BNA_F
ClientSampleId :

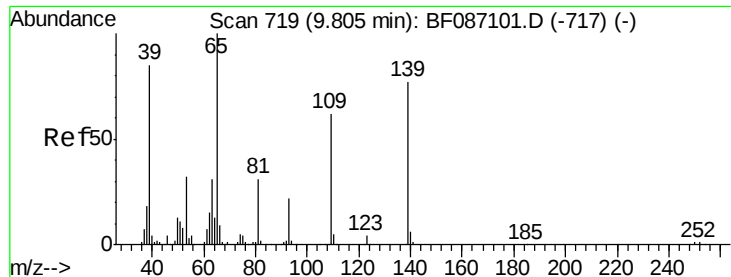
Tot Ion:163 Resp: 81646
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 13.8 8.2 12.4#



#53
2,4-Dinitrophenol
Concen: 5.56 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.02 min
Lab File: BF087223.D
Acq: 20 May 2016 10:28

Tgt Ion:184 Resp: 1784
Ion Ratio Lower Upper
184 100
63 161.1 55.8 83.8#
154 101.6 62.4 93.6#

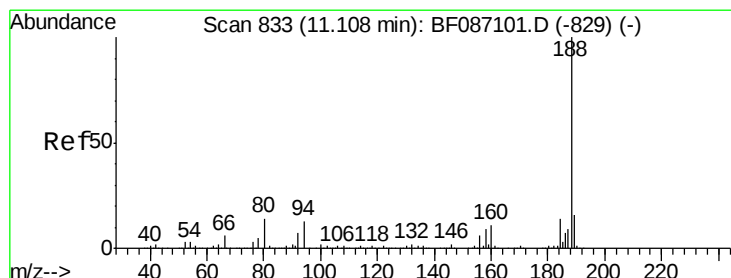
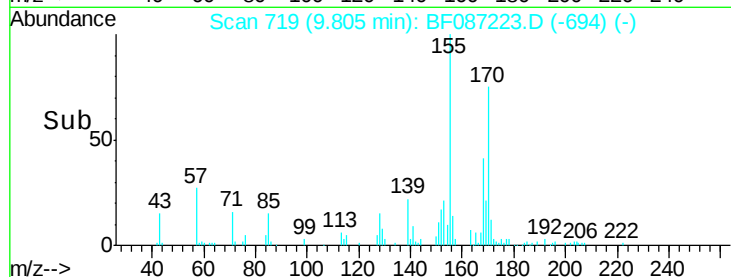
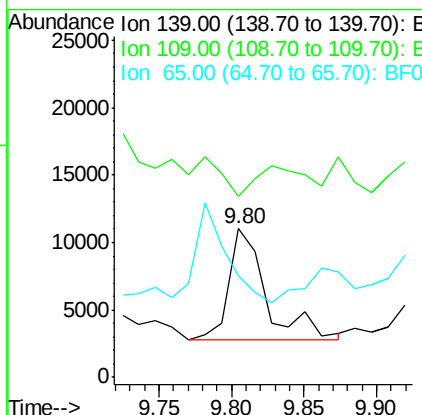
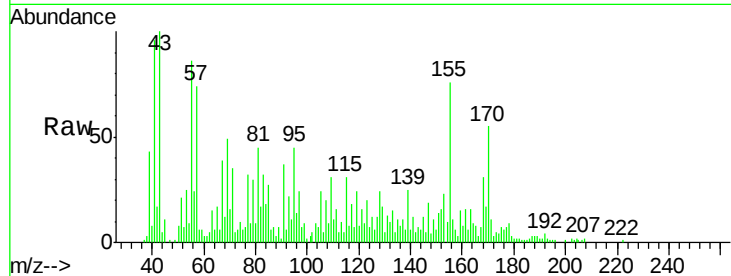




#55
4-Nitrophenol
Concen: 12.21 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF087223.D
Acq: 20 May 2016 10:28

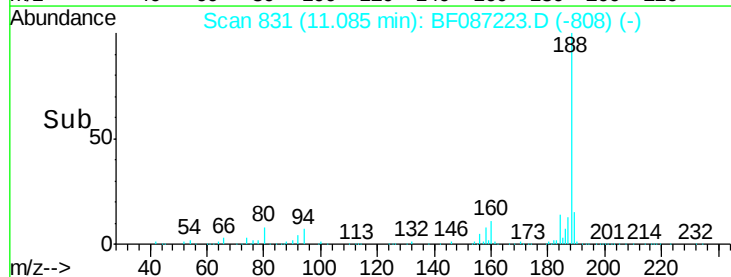
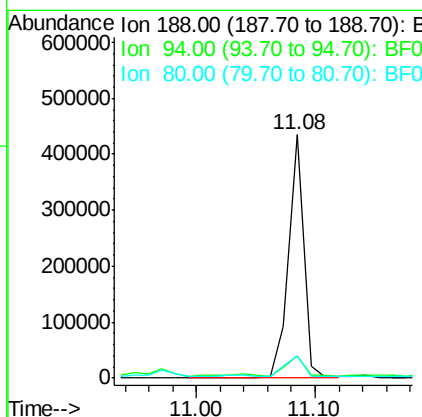
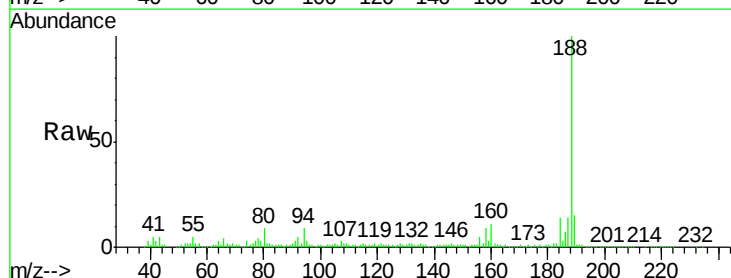
Instrument :
BNA_F
ClientSampled :

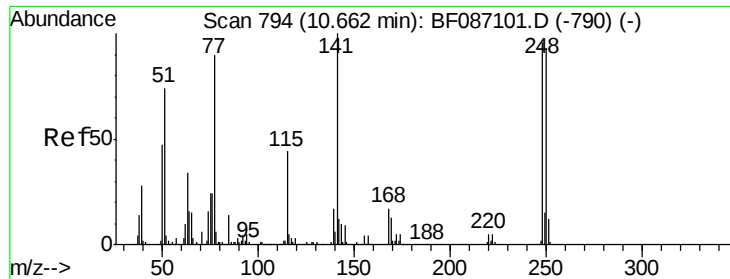
Tot Ion:139 Resp: 14655
Ion Ratio Lower Upper
139 100
109 122.0 36.9 76.9#
65 68.4 64.0 104.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 831
Delta R.T. -0.03 min
Lab File: BF087223.D
Acq: 20 May 2016 10:28

Tgt Ion:188 Resp: 378477
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 9.4 7.1 10.7

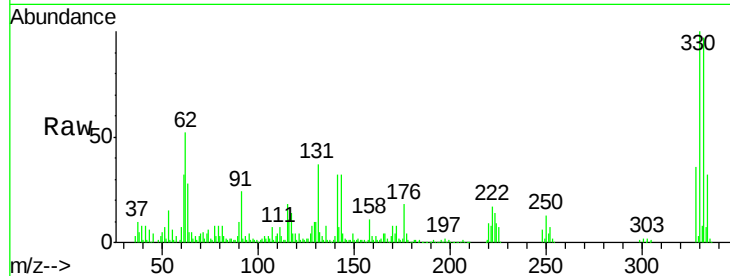




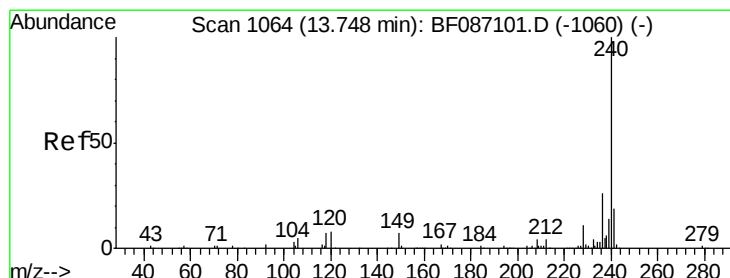
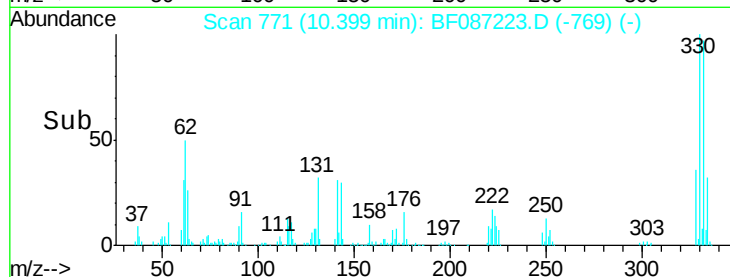
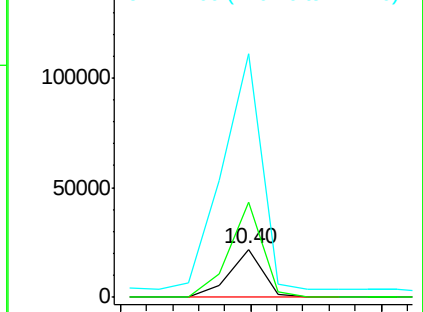
#66
 4-Bromophenyl-phenylether
 Concen: 5.08 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.27 min
 Lab File: BF087223.D
 Acq: 20 May 2016 10:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 19769
 Ion Ratio Lower Upper
 248 100
 250 198.0 78.6 117.8#
 141 504.1 76.0 114.0#

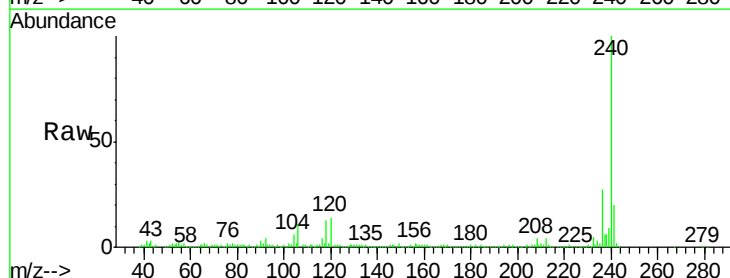


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

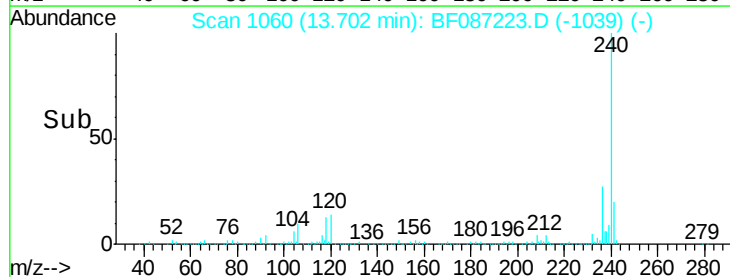
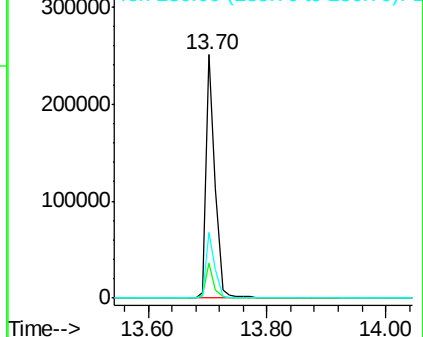


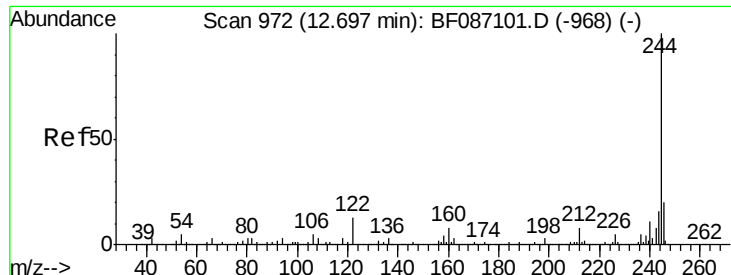
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. -0.06 min
 Lab File: BF087223.D
 Acq: 20 May 2016 10:28

Tgt Ion:240 Resp: 266740
 Ion Ratio Lower Upper
 240 100
 120 14.1 11.2 16.8
 236 26.9 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: 58.13 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.05 min

Lab File: BF087223.D

Acq: 20 May 2016 10:28

Instrument :

BNA_F

ClientSampled :

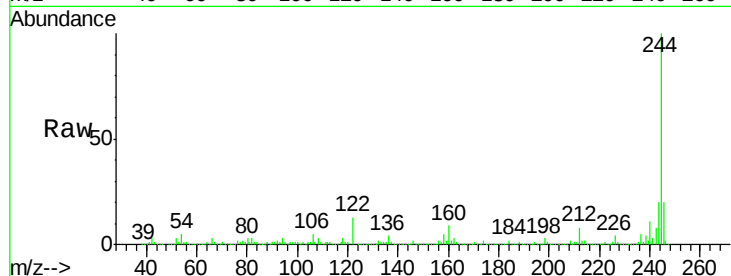
Tot Ion:244 Resp: 685484

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 13.1 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

1000000

800000

600000

400000

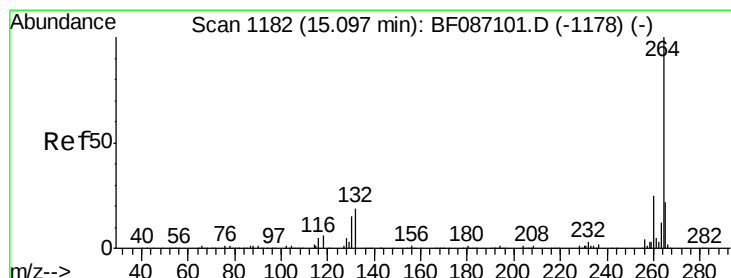
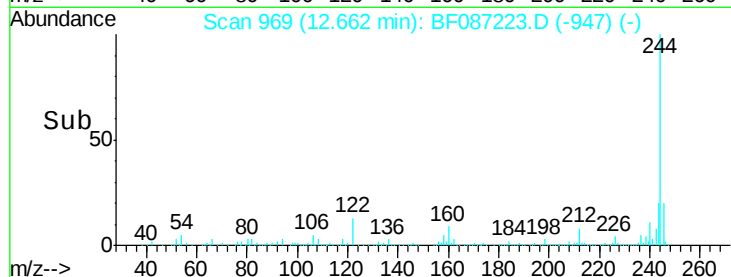
200000

0

12.60

12.80

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF087223.D

Acq: 20 May 2016 10:28

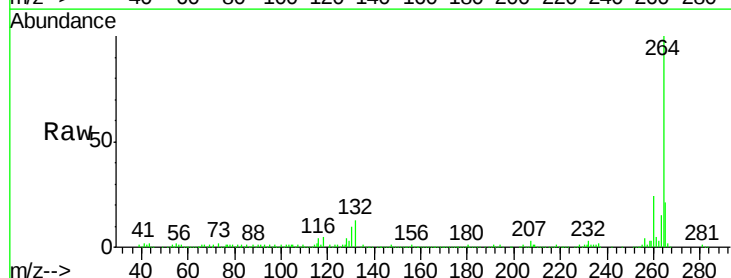
Tgt Ion:264 Resp: 253901

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.0 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

250000

200000

150000

100000

50000

0

15.00

15.10

15.20

15.30

Time-->

