

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086255.D
 Acq On : 16 Apr 2016 10:15
 Operator : UM/SJ
 Sample : H2537-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B9GW

Quant Time: Apr 18 03:59:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

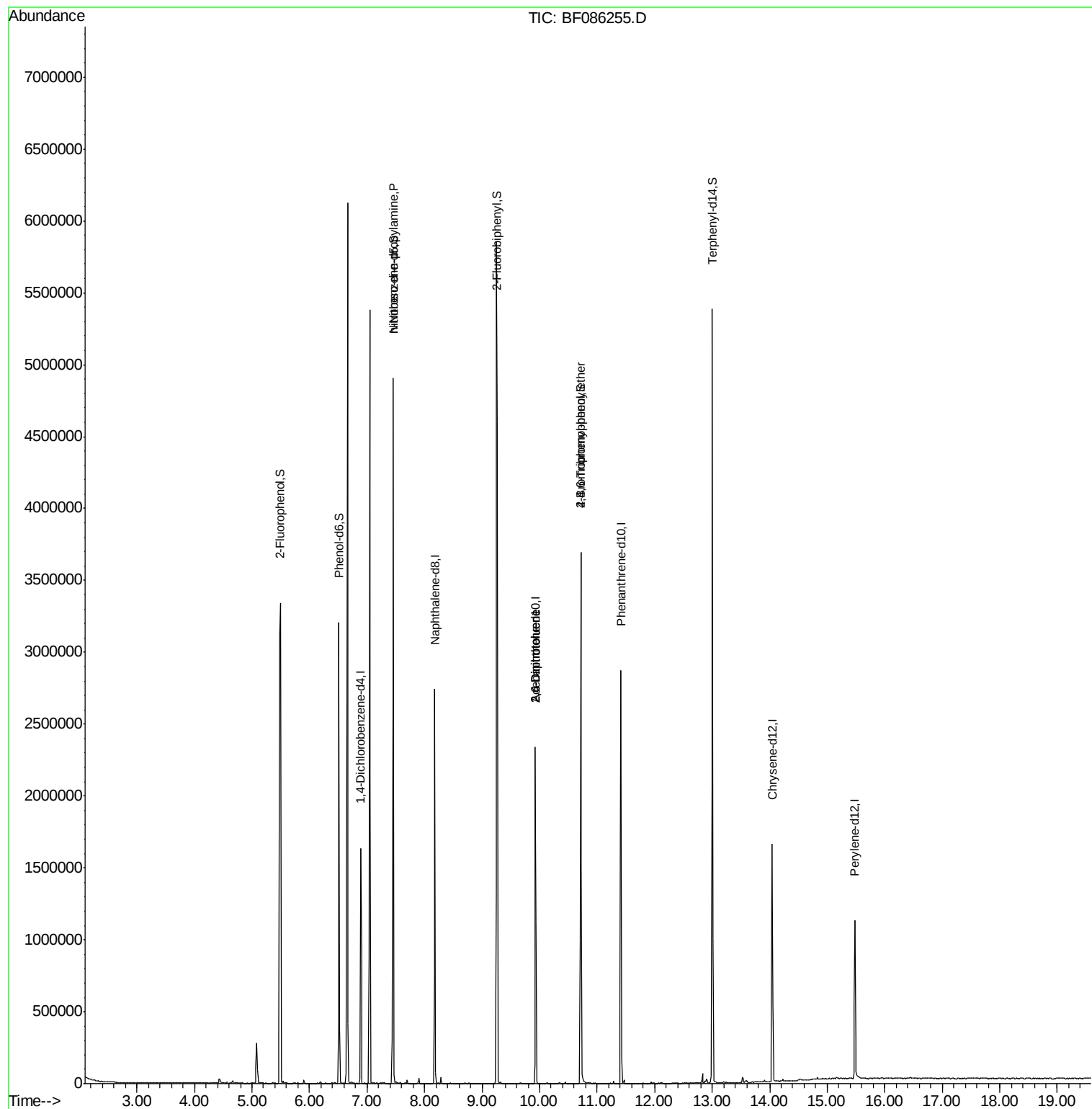
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	287319	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1222757	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	517876	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	942385	20.00	ng	0.00
75) Chrysene-d12	14.04	240	573169	20.00	ng	-0.01
86) Perylene-d12	15.48	264	481586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1390088	79.27	ng	0.01
7) Phenol-d6	6.51	99	1000402	45.61	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1844296	87.00	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	529541	127.34	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2695778	96.06	ng	-0.01
78) Terphenyl-d14	13.00	244	1773803	77.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	258720	18.43	ng	# 82
22) Acetophenone	7.29	105	250	Below	Cal	# 53
50) 2,6-Dinitrotoluene	9.93	165	66938	8.03	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	66941	6.28	ng	# 31
57) Fluorene	10.72	166	22659	Below	Cal	# 85
66) 4-Bromophenyl-phenylether	10.72	248	30926	3.52	ng	# 1
71) Anthracene	11.44	178	1214	Below	Cal	# 59
74) Fluoranthene	12.61	202	761	Below	Cal	# 61

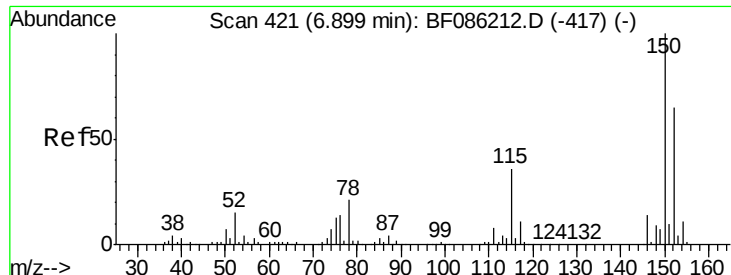
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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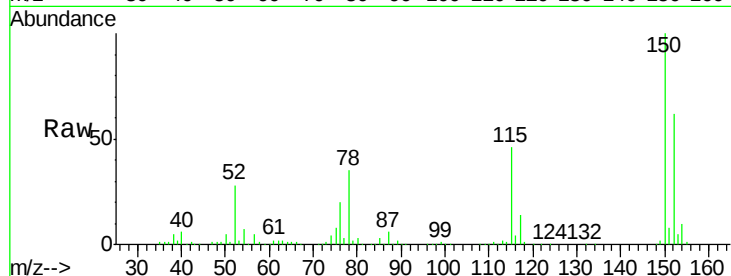


#1

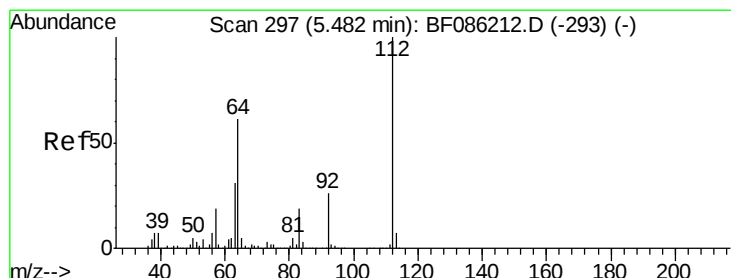
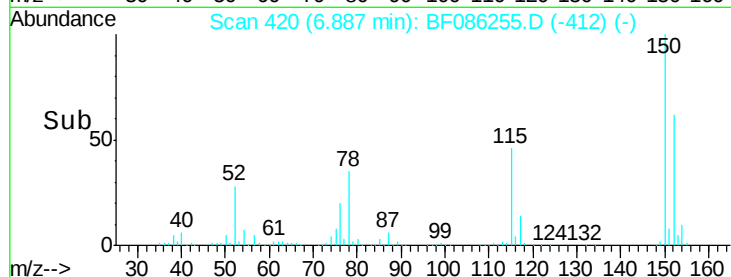
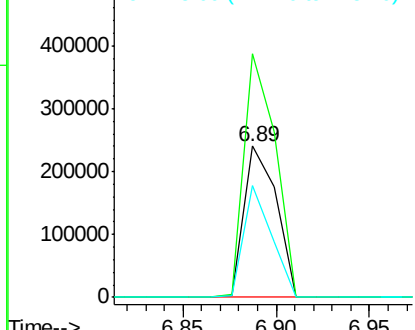
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF086255.D
Acq: 16 Apr 2016 10:15

Instrument :
BNA_F
ClientSampleId :
B9GW

Tgt Ion:152 Resp: 287319
Ion Ratio Lower Upper
152 100
150 161.4 124.1 186.1
115 73.8 43.9 65.9#



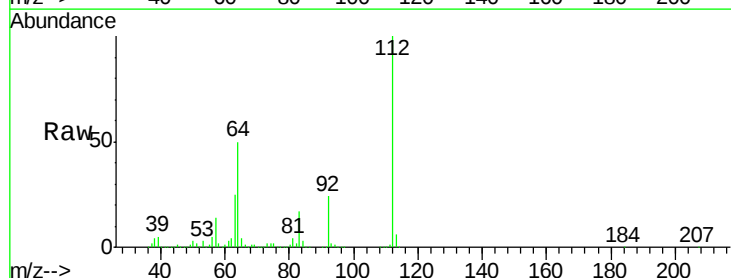
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



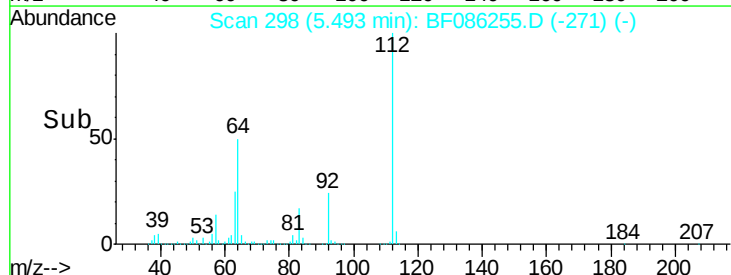
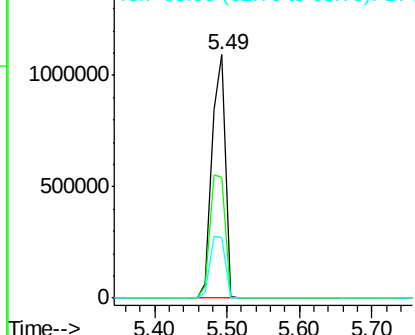
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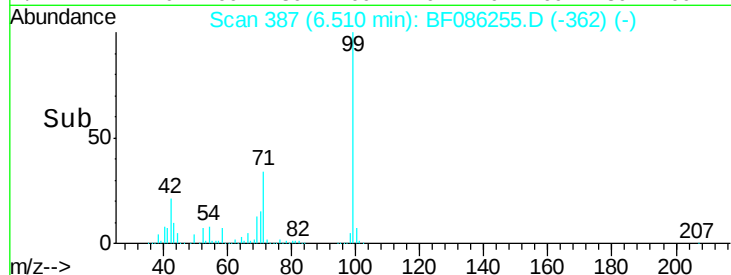
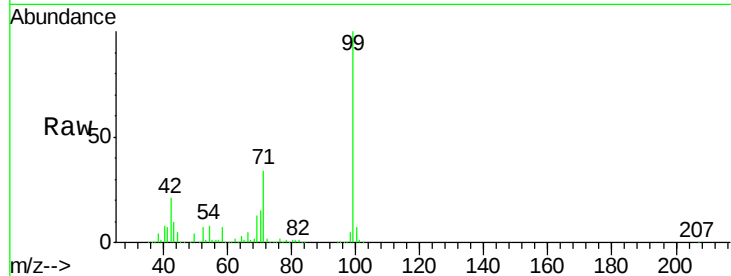
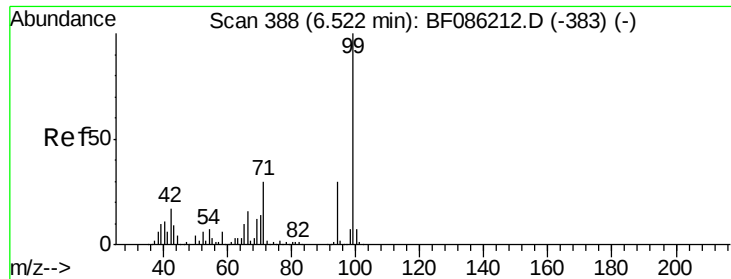
2-Fluorophenol
Concen: 79.27 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF086255.D
Acq: 16 Apr 2016 10:15

Tgt Ion:112 Resp: 1390088
Ion Ratio Lower Upper
112 100
64 49.6 48.1 72.1
63 25.0 25.5 38.3#



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: 45.61 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

Instrument :

BNA_F

ClientSampled :

B9GW

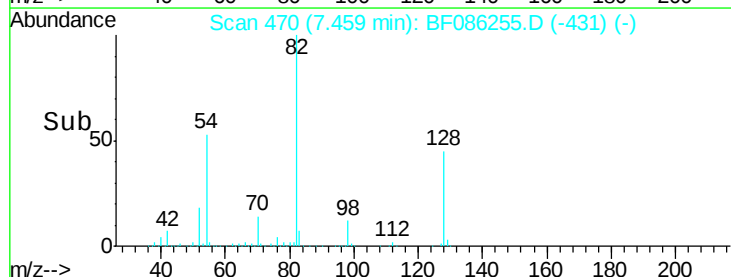
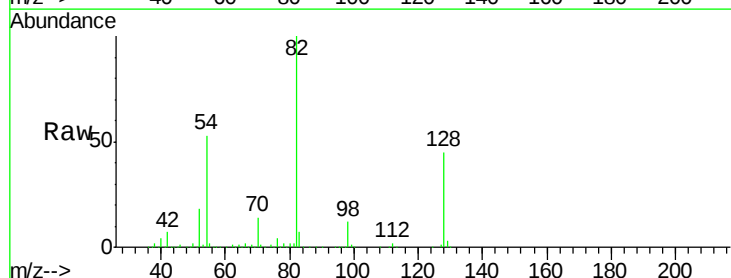
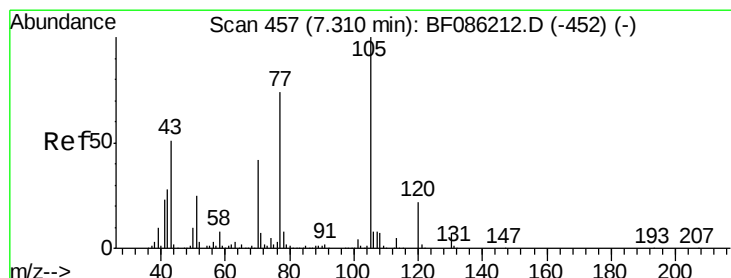
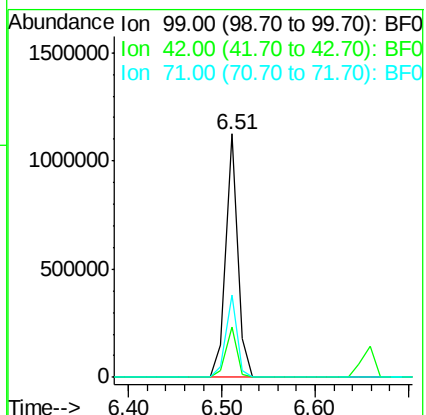
Tgt Ion: 99 Resp: 1000402

Ion Ratio Lower Upper

99 100

42 20.7 15.4 23.2

71 33.8 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 18.43 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

Tgt Ion: 70 Resp: 258720

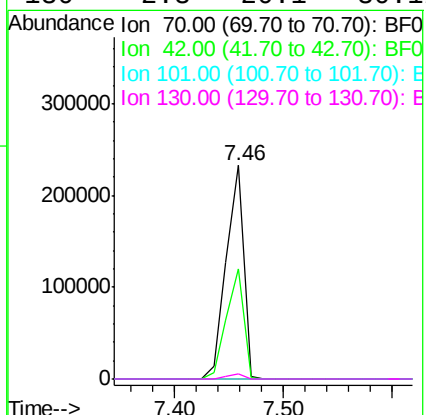
Ion Ratio Lower Upper

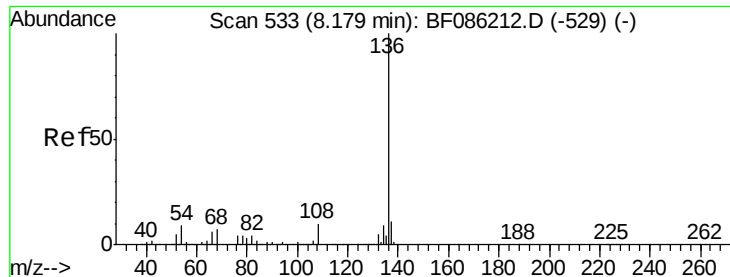
70 100

42 51.7 43.0 64.4

101 0.0 8.1 12.1#

130 2.3 20.1 30.1#

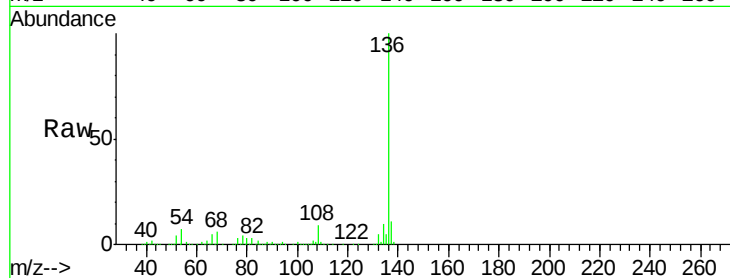




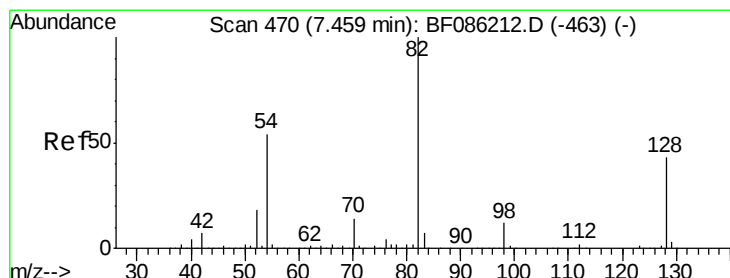
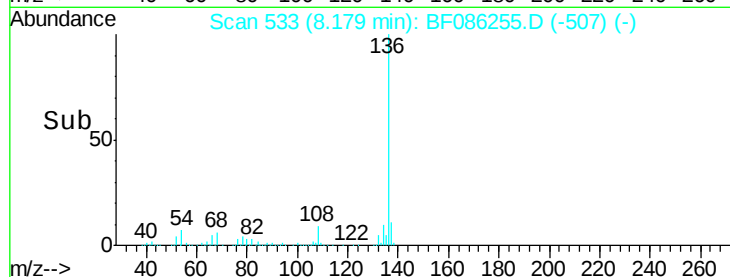
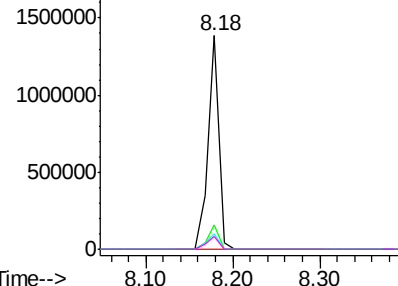
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086255.D
Acq: 16 Apr 2016 10:15

Instrument :
BNA_F
ClientSampleId :
B9GW

Tgt Ion:	136	Resp:	1222757
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.1	7.3	10.9#
68	6.0	5.7	8.5

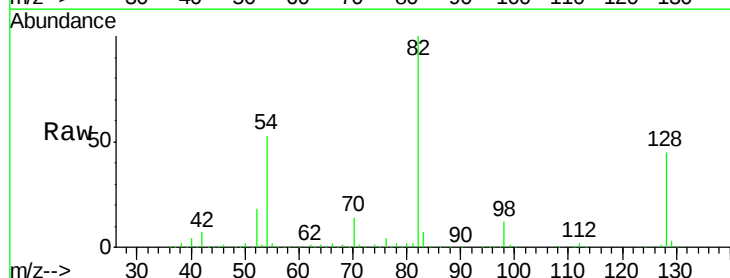


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

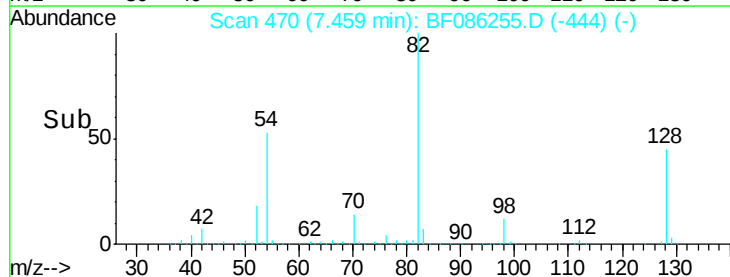
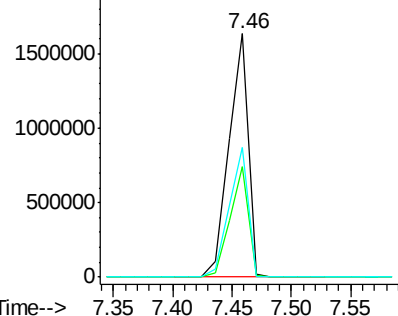


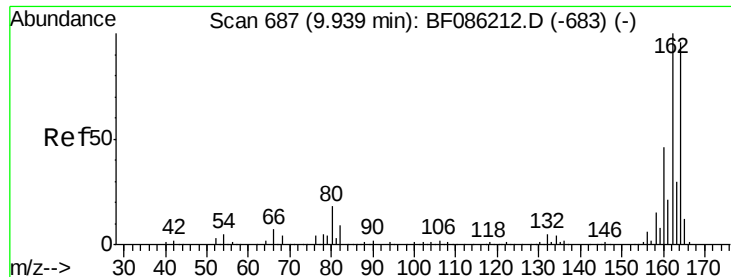
#23
Nitrobenzene-d5
Concen: 87.00 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086255.D
Acq: 16 Apr 2016 10:15

Tgt Ion:	82	Resp:	1844296
Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.4	53.2
54	53.2	43.4	65.0



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

Instrument :

BNA_F

ClientSampleId :

B9GW

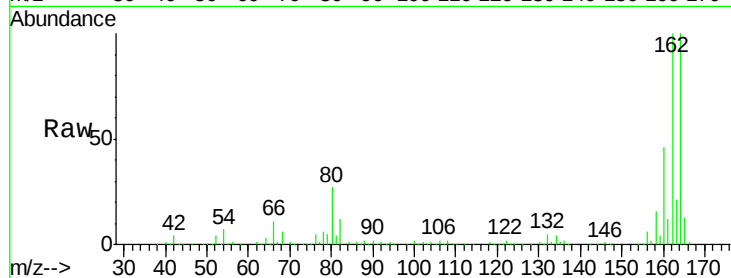
Tgt Ion:164 Resp: 517876

Ion Ratio Lower Upper

164 100

162 99.7 82.8 124.2

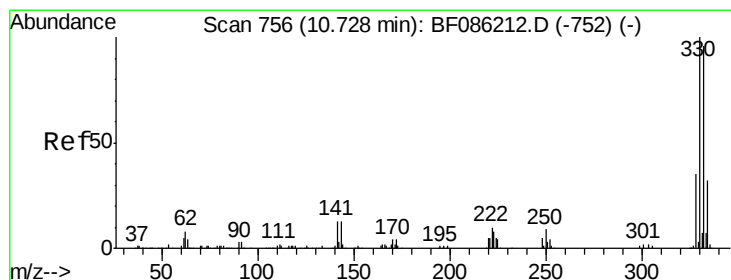
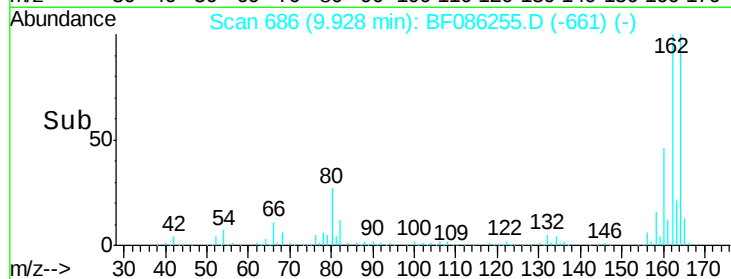
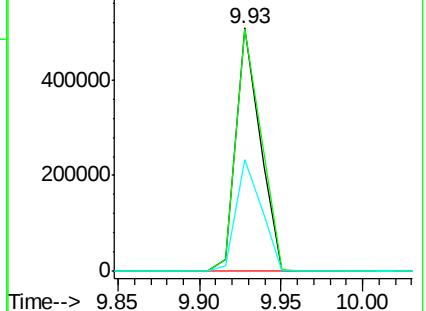
160 45.9 38.9 58.3



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: 127.34 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

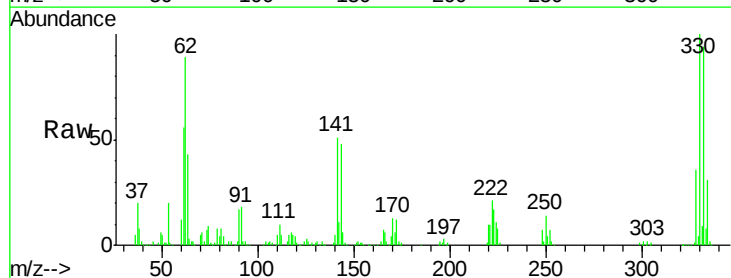
Tgt Ion:330 Resp: 529541

Ion Ratio Lower Upper

330 100

332 95.7 78.7 118.1

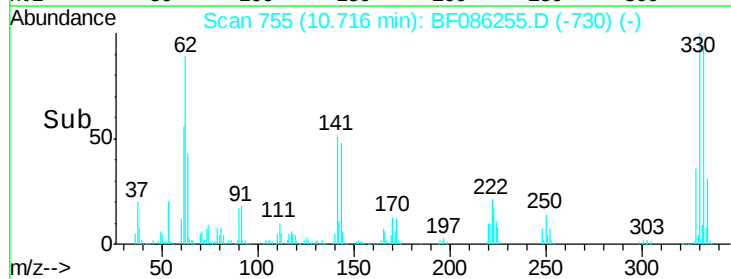
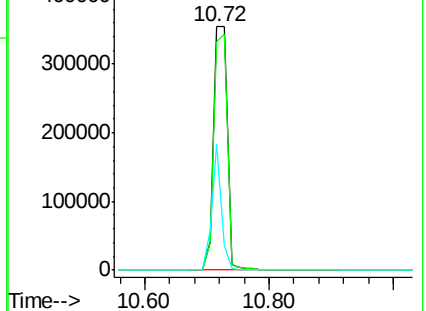
141 37.0 28.6 42.8

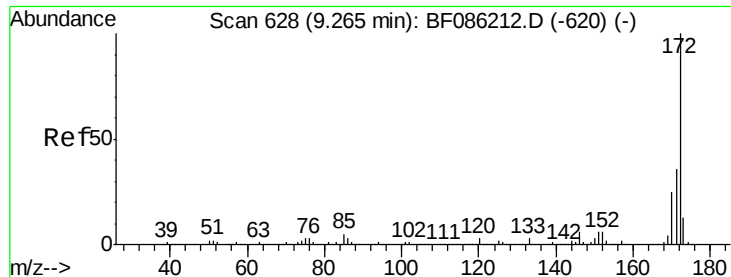


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

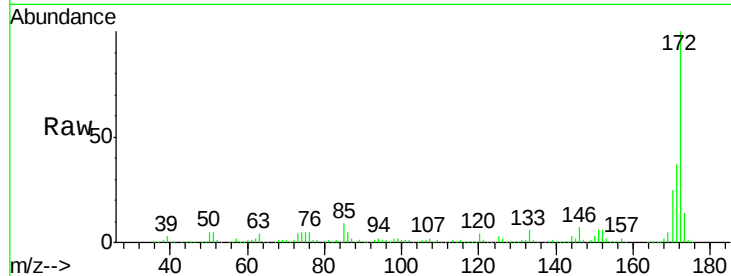




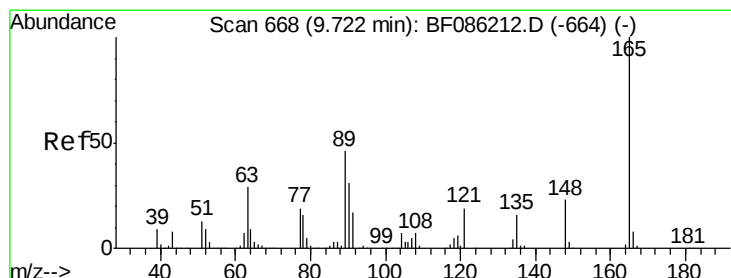
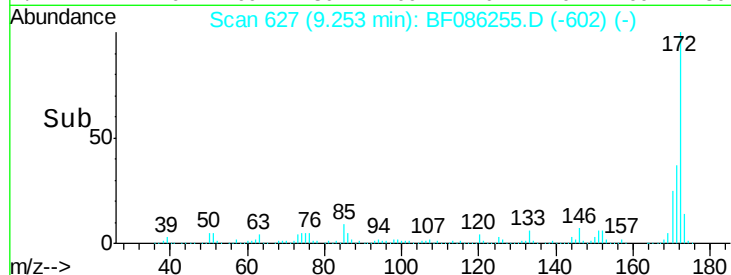
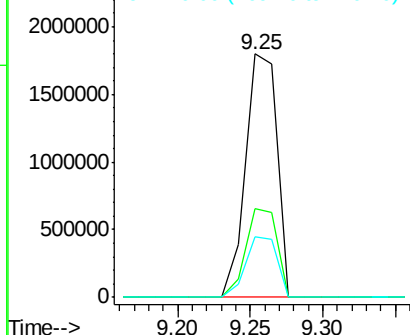
#44
 2-Fluorobiphenyl
 Concen: 96.06 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086255.D
 Acq: 16 Apr 2016 10:15

Instrument :
 BNA_F
 ClientSampleId :
 B9GW

Tgt Ion:172 Resp: 2695778
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.1 43.7
 170 24.8 19.9 29.9

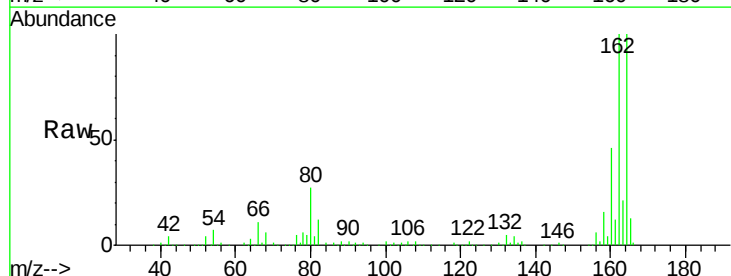


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

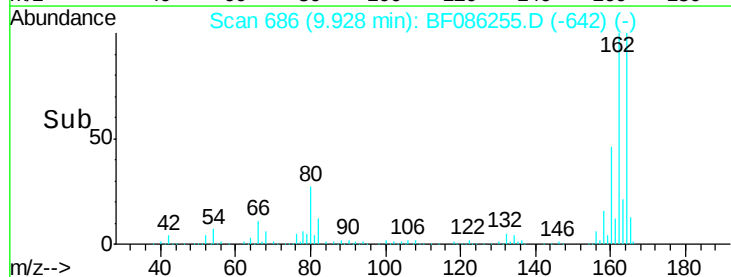
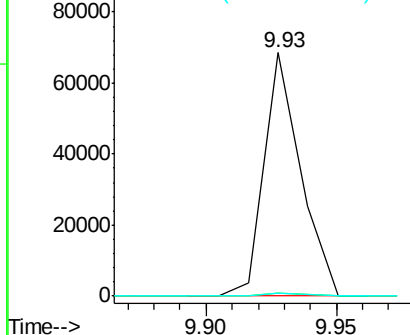


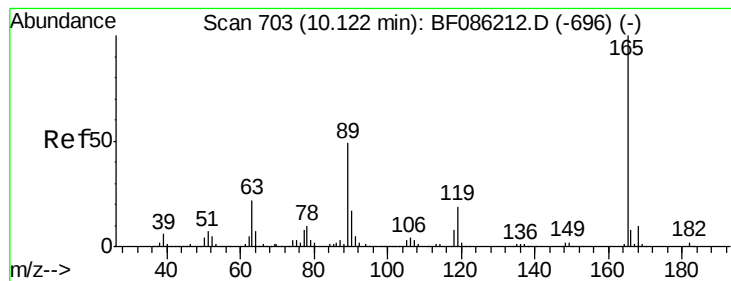
#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.21 min
 Lab File: BF086255.D
 Acq: 16 Apr 2016 10:15

Tgt Ion:165 Resp: 66938
 Ion Ratio Lower Upper
 165 100
 63 1.4 35.1 52.7#
 89 1.3 39.8 59.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

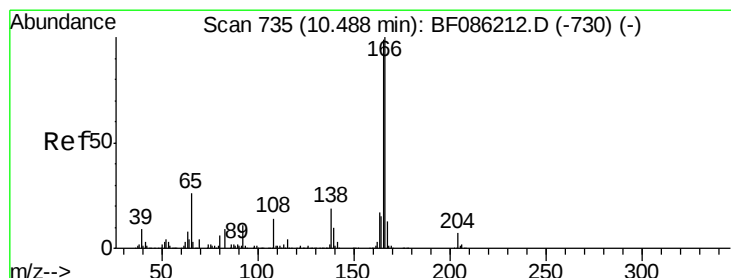
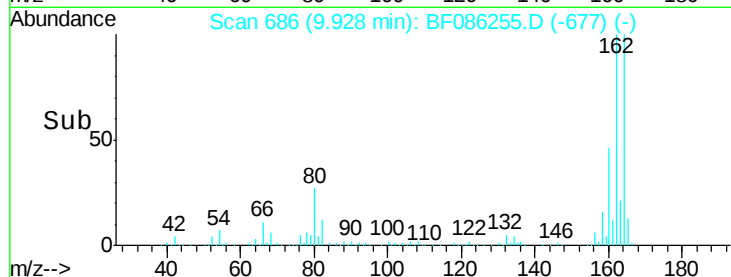
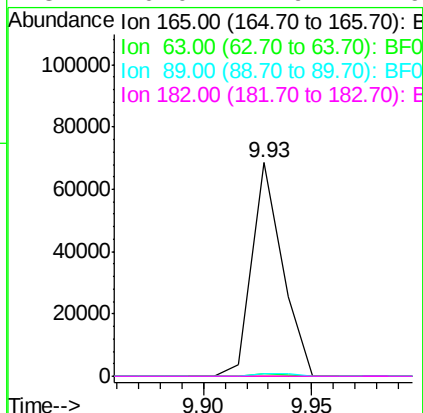
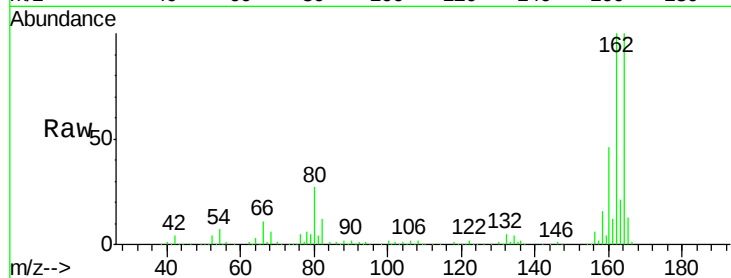




#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086255.D
Acq: 16 Apr 2016 10:15

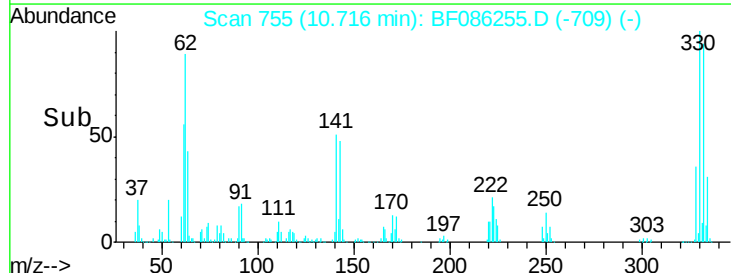
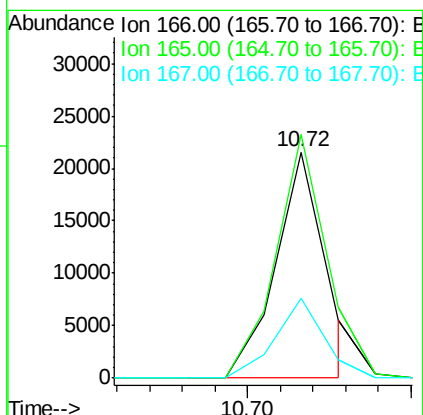
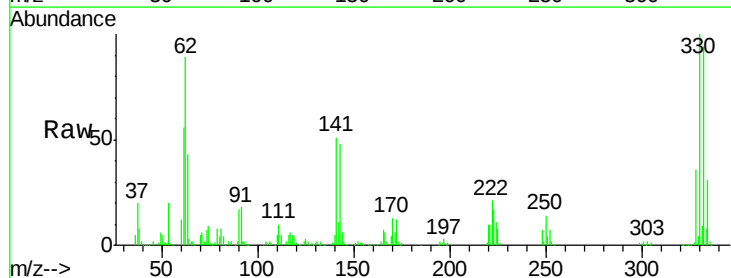
Instrument :
BNA_F
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B9GW

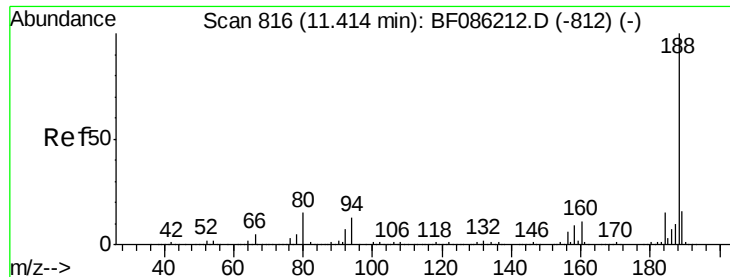
Tgt Ion:	165	Resp:	66941
Ion	Ratio	Lower	Upper
165	100		
63	1.4	26.6	40.0#
89	1.3	49.5	74.3#
182	0.0	1.9	2.9#



#57
Fluorene
Concen: Below Cal
RT: 10.72 min Scan# 755
Delta R.T. 0.23 min
Lab File: BF086255.D
Acq: 16 Apr 2016 10:15

Tgt Ion:	166	Resp:	22659
Ion	Ratio	Lower	Upper
166	100		
165	107.8	78.6	117.8
167	35.3	10.4	15.6#

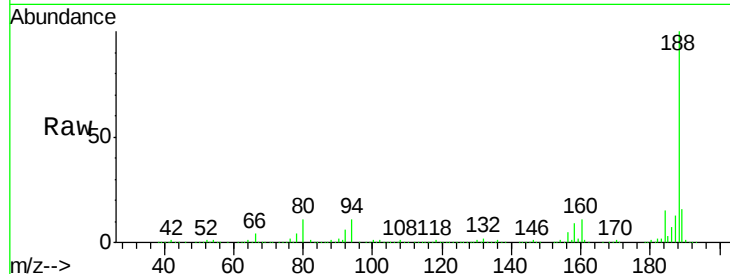




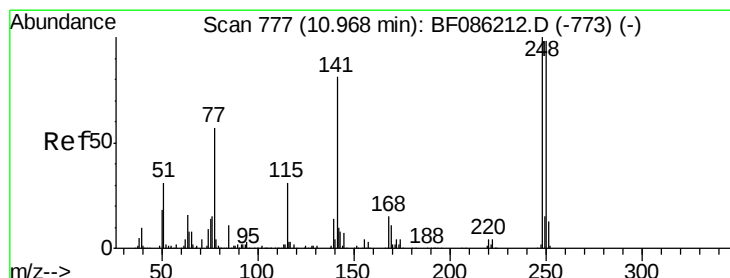
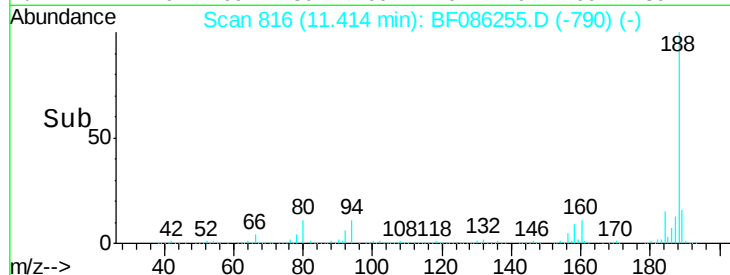
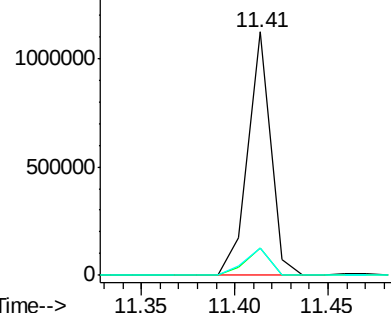
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086255.D
 Acq: 16 Apr 2016 10:15

Instrument :
 BNA_F
 ClientSampleId :
 B9GW

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.8	14.8
80	11.4	10.5	15.7

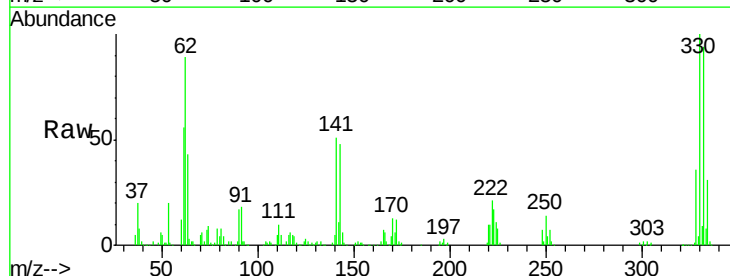


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

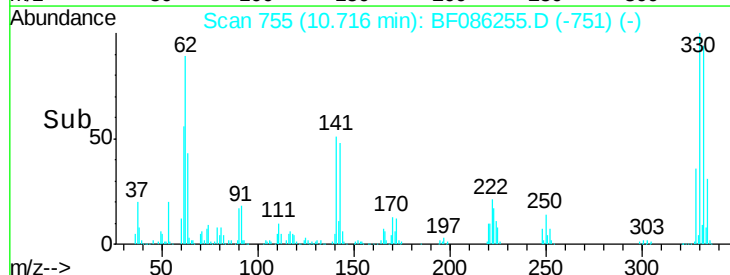
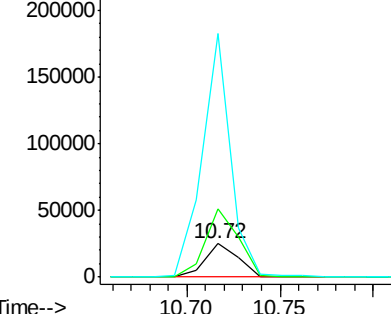


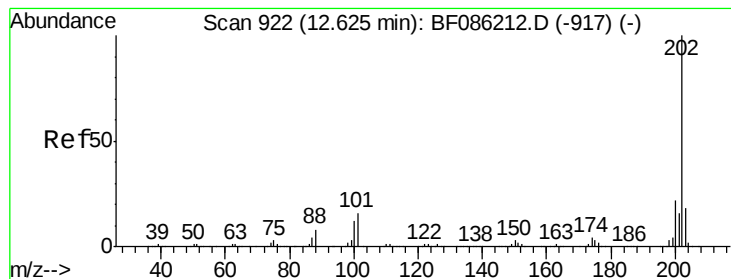
#66
 4-Bromophenyl-phenylether
 Concen: 3.52 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.25 min
 Lab File: BF086255.D
 Acq: 16 Apr 2016 10:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	203.1	78.6	118.0#
141	730.9	57.9	86.9#



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





#74

Fluoranthene

Concen: Below Cal

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

Instrument :

BNA_F

ClientSampled :

B9GW

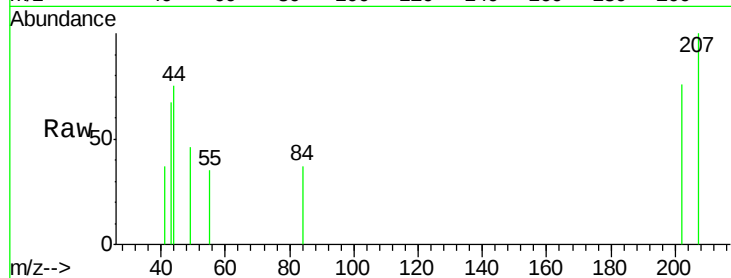
Tgt Ion: 202 Resp: 761

Ion Ratio Lower Upper

202 100

101 0.0 0.0 35.2

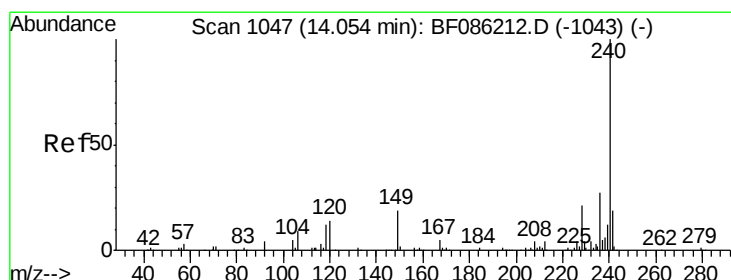
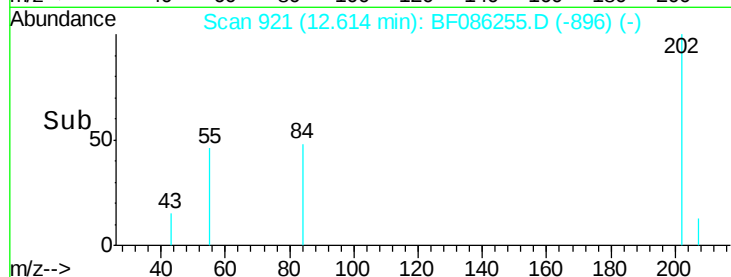
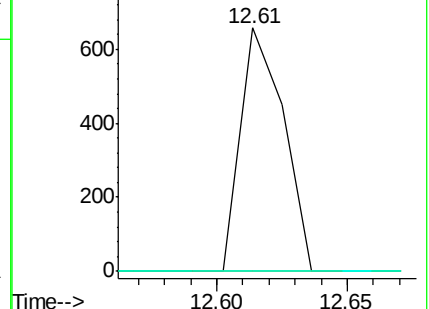
203 0.0 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086255.D

Acq: 16 Apr 2016 10:15

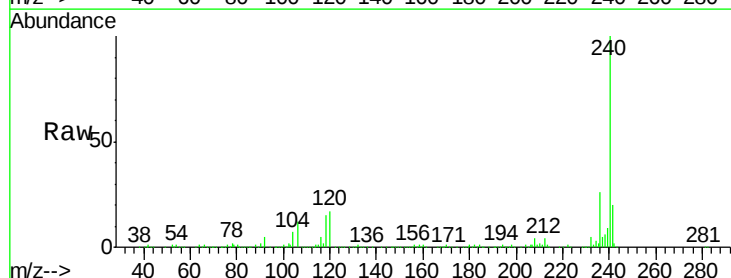
Tgt Ion: 240 Resp: 573169

Ion Ratio Lower Upper

240 100

120 17.2 9.3 13.9#

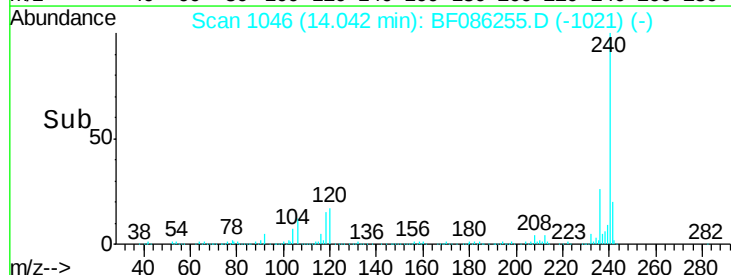
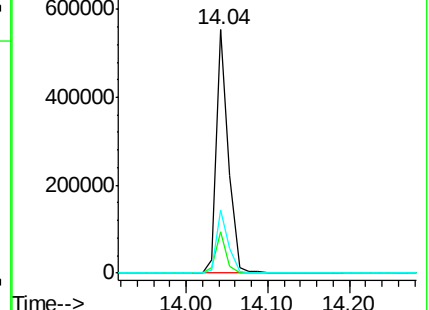
236 26.0 21.1 31.7

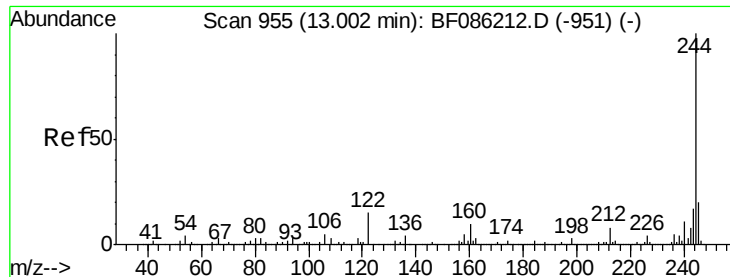


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

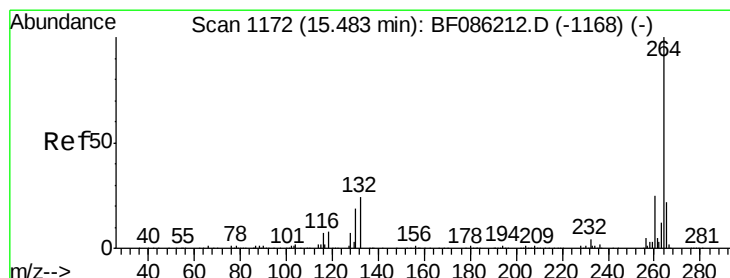
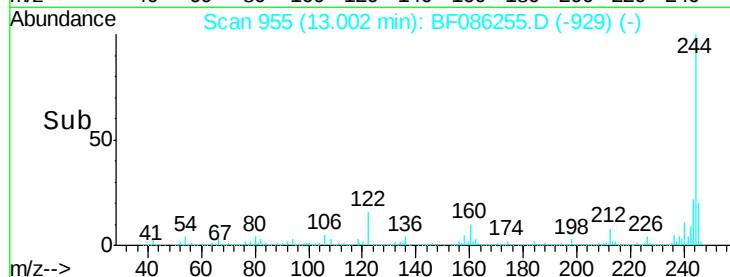
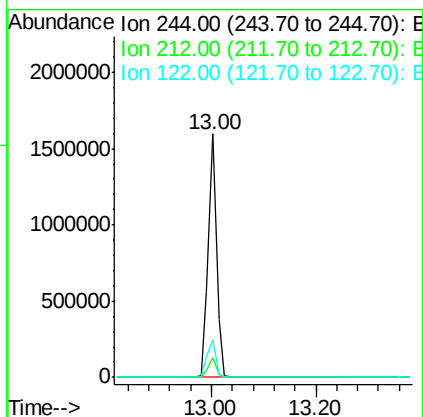
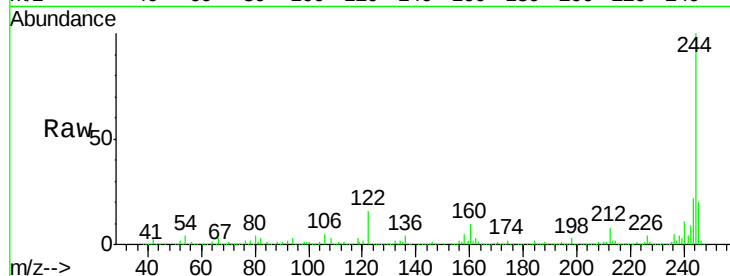




#78
 Terphenyl-d14
 Concen: 77.82 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086255.D
 Acq: 16 Apr 2016 10:15

Instrument :
 BNA_F
 ClientSampleId :
 B9GW

Tgt Ion:244 Resp: 1773803
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 15.6 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086255.D
 Acq: 16 Apr 2016 10:15

Tgt Ion:264 Resp: 481586
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.0 30.0
 265 21.5 17.4 26.0

