

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
 Data File : BF088161.D
 Acq On : 19 Jun 2016 4:45
 Operator : UM/SJ
 Sample : H3628-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Quant Time: Jun 19 07:54:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

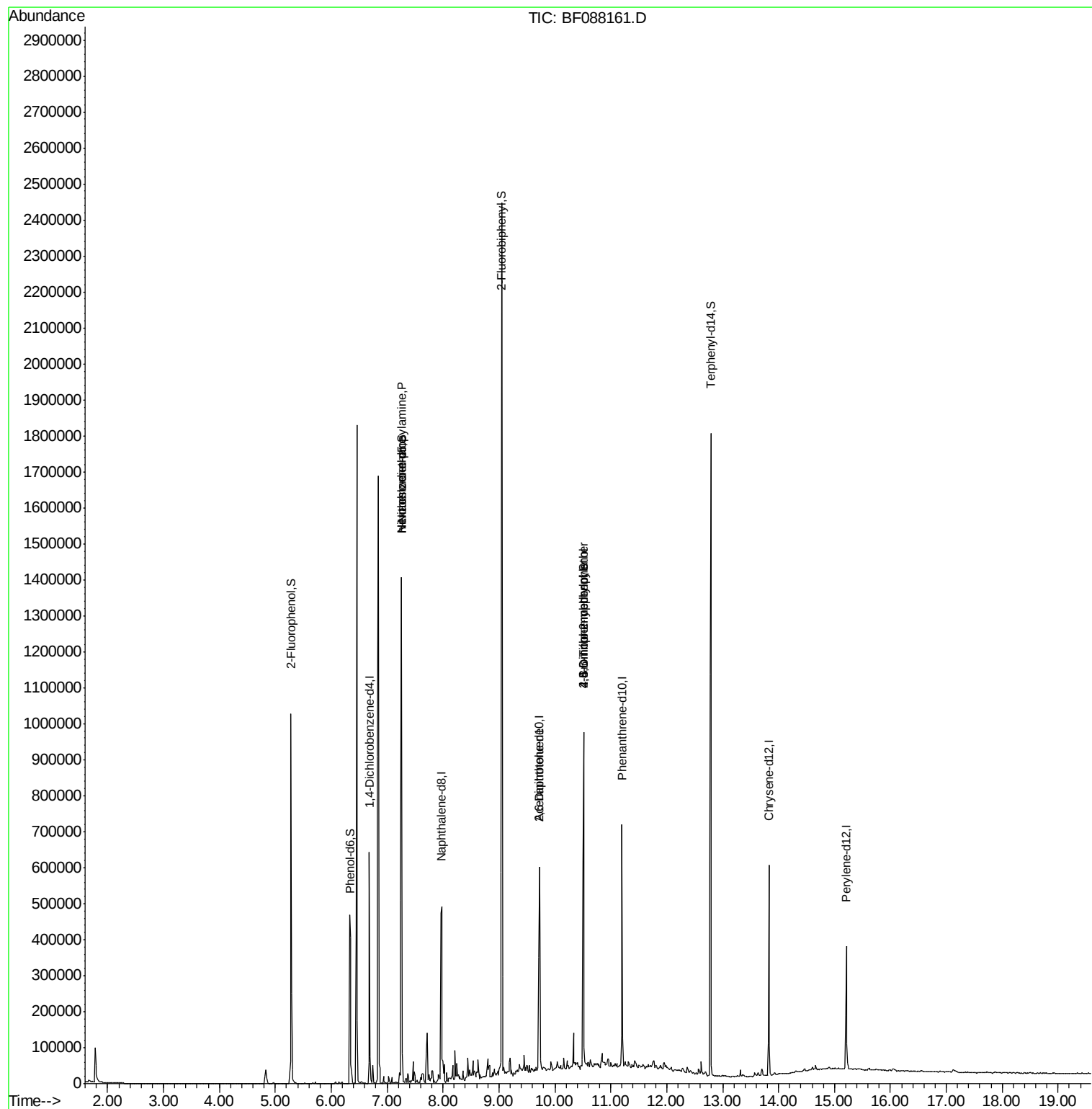
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	95118	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	328777	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	133566	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	225591	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	184884	20.00	ng	-0.02
86) Perylene-d12	15.21	264	141420	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	310515	55.81	ng	0.00
7) Phenol-d6	6.34	99	235998	35.00	ng	-0.01
23) Nitrobenzene-d5	7.26	82	475543	84.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	144494	102.46	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	769637	90.90	ng	-0.02
78) Terphenyl-d14	12.79	244	683721	84.15	ng	-0.01
Target Compounds						
10) Phenol	6.35	94	515	Below Cal	#	1
18) Hexachloroethane	7.26	117	17021	6.74 ng	#	3
19) n-Nitroso-di-n-propylamine	7.26	70	64022	14.84 ng	#	70
45) 1,1'-Biphenyl	9.05	154	1541	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.72	165	17601	7.94 ng	#	41
57) Fluorene	10.26	166	820	Below Cal	#	83
64) 4,6-Dinitro-2-methylphenol	10.51	198	227	2.32 ng	#	1
66) 4-Bromophenyl-phenylether	10.51	248	9452	3.91 ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061816\
Data File : BF088161.D
Acq On : 19 Jun 2016 4:45
Operator : UM/SJ
Sample : H3628-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-14

Quant Time: Jun 19 07:54:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

Instrument :

BNA_F

ClientSampleId :

W-14

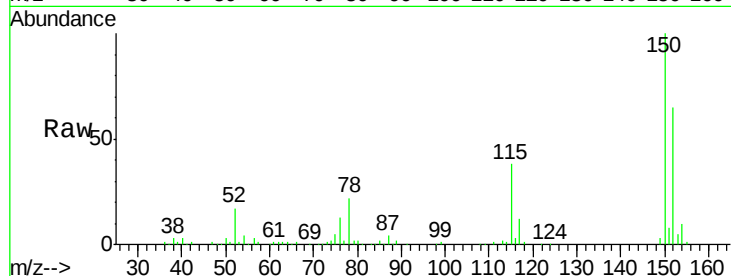
Tgt Ion:152 Resp: 95118

Ion Ratio Lower Upper

152 100

150 154.6 123.8 185.6

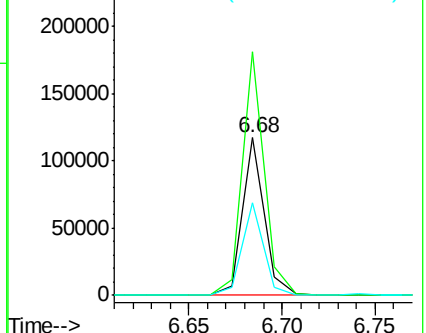
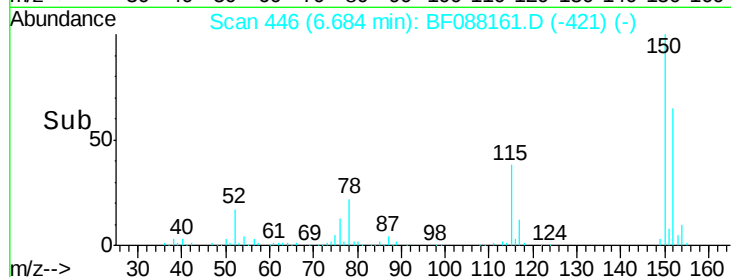
115 58.9 39.6 59.4



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: 55.81 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

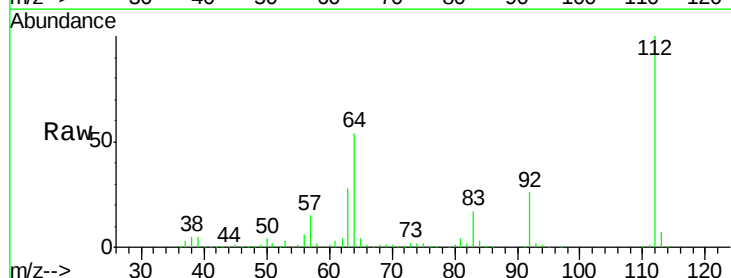
Tgt Ion:112 Resp: 310515

Ion Ratio Lower Upper

112 100

64 54.0 42.2 63.2

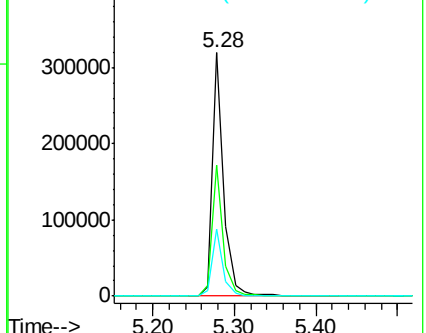
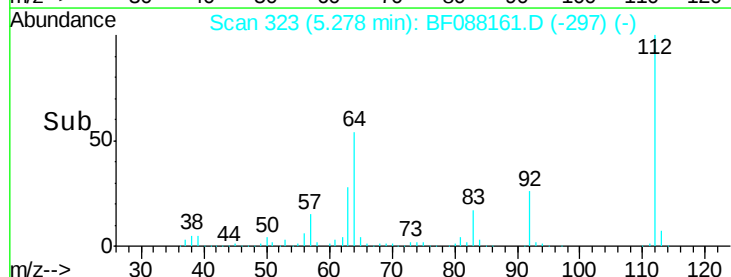
63 27.6 21.8 32.8

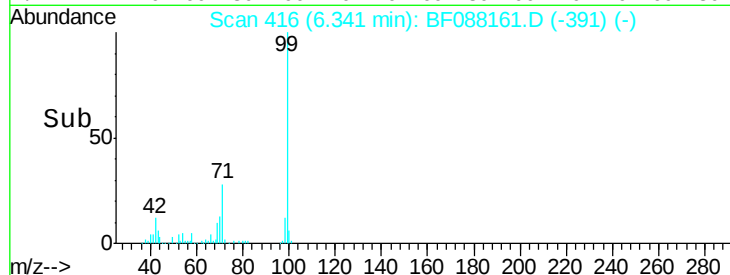
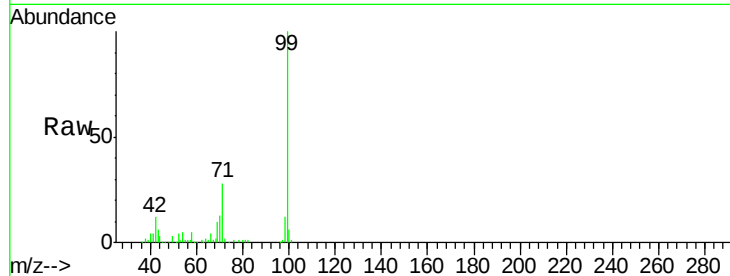


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.00 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

Instrument :

BNA_F

ClientSampleId :

W-14

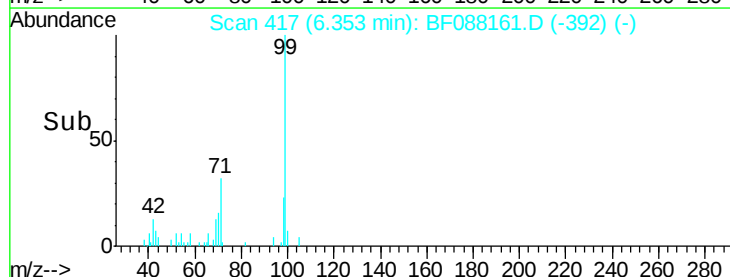
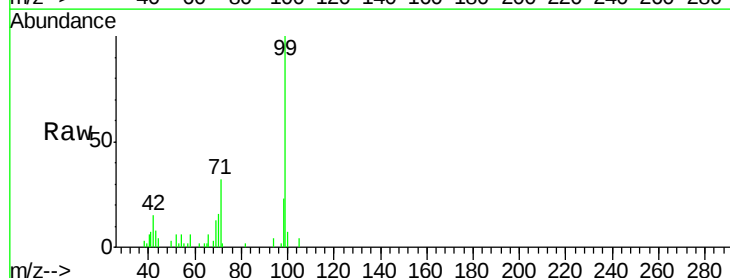
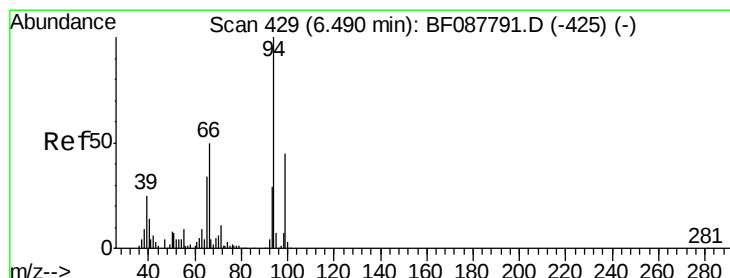
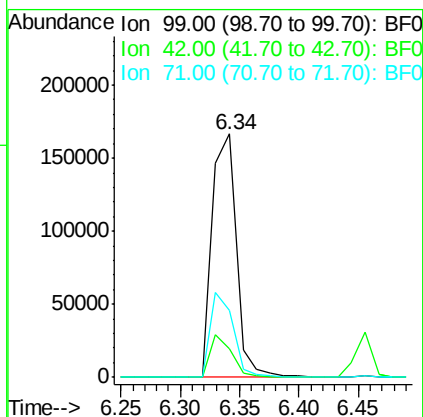
Tgt Ion: 99 Resp: 235998

Ion Ratio Lower Upper

99 100

42 11.7 12.2 18.2#

71 27.7 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

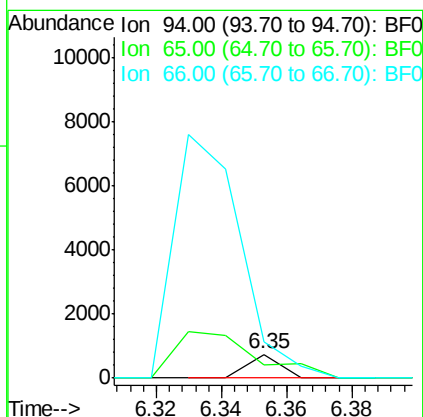
Tgt Ion: 94 Resp: 515

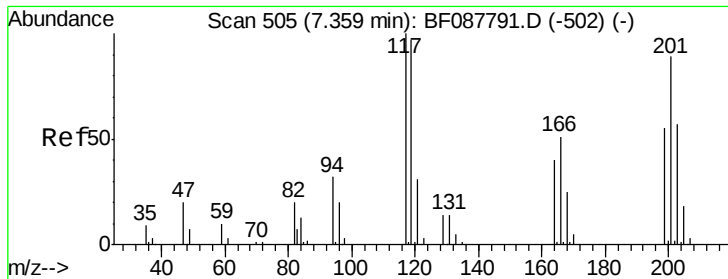
Ion Ratio Lower Upper

94 100

65 56.5 5.9 45.9#

66 150.2 14.0 54.0#

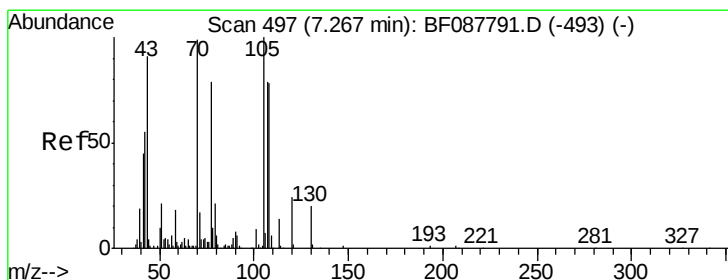
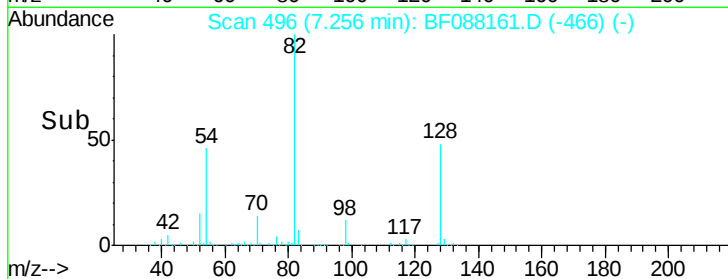
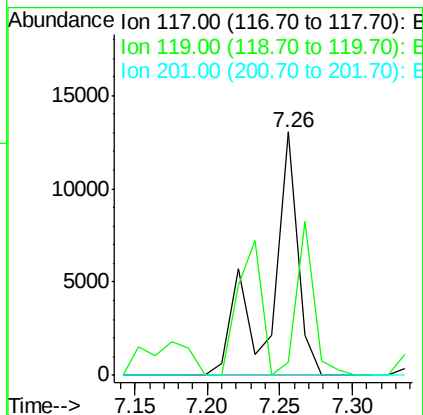
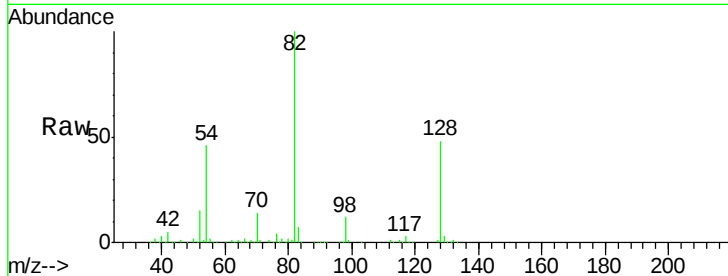




#18
Hexachloroethane
Concen: 6.74 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.05 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

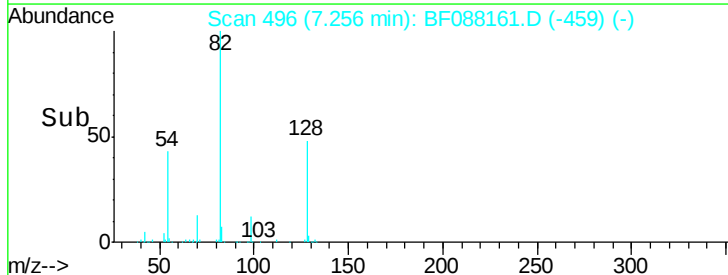
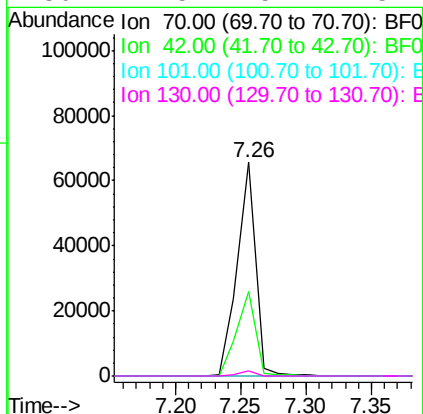
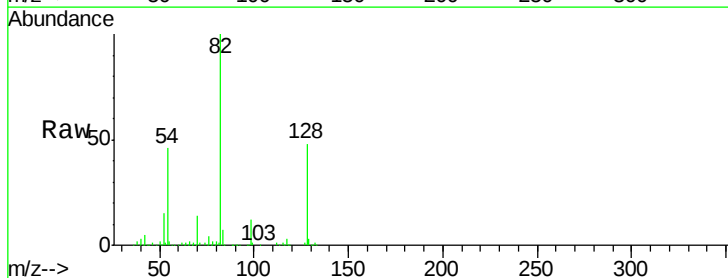
Instrument :
BNA_F
ClientSampleId :
W-14

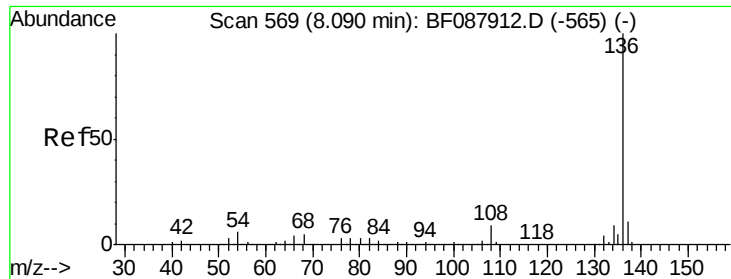
Tgt Ion: 117 Resp: 17021
Ion Ratio Lower Upper
117 100
119 5.4 77.4 116.2#
201 0.0 80.4 120.6#



#19
n-Nitroso-di-n-propylamine
Concen: 14.84 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.13 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

Tgt Ion: 70 Resp: 64022
Ion Ratio Lower Upper
70 100
42 39.8 49.6 74.4#
101 0.0 7.1 10.7#
130 2.5 15.4 23.2#

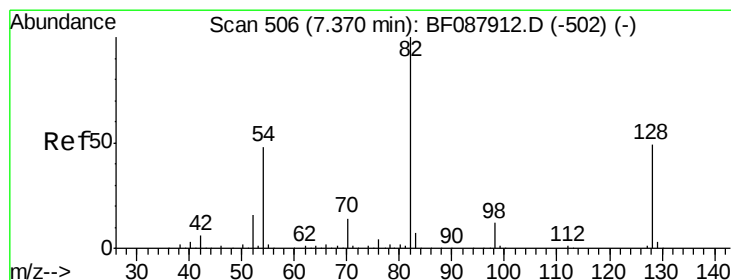
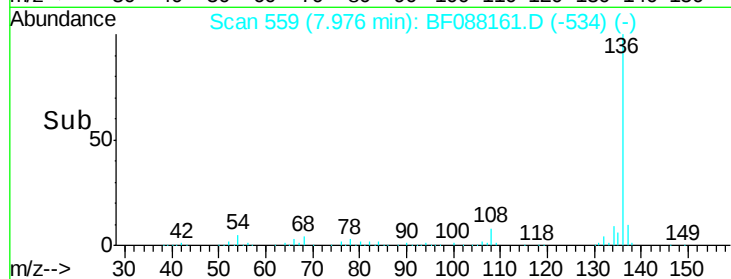
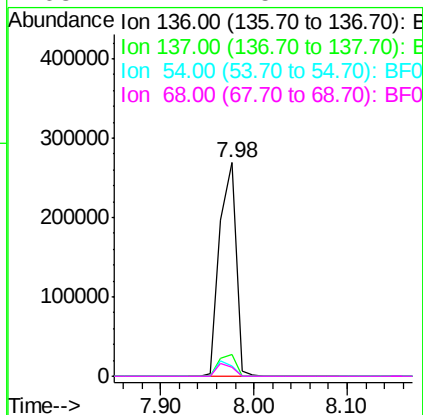
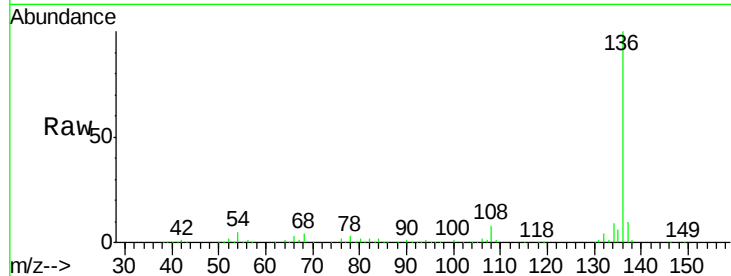




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

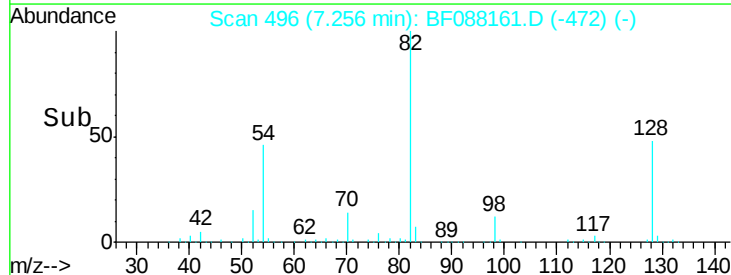
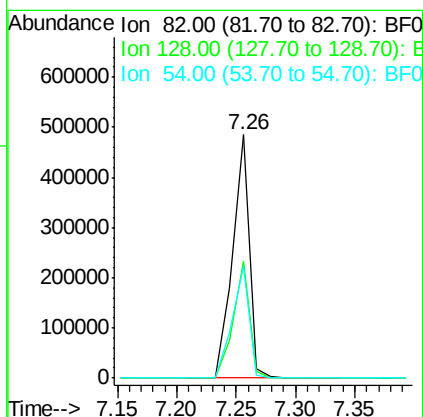
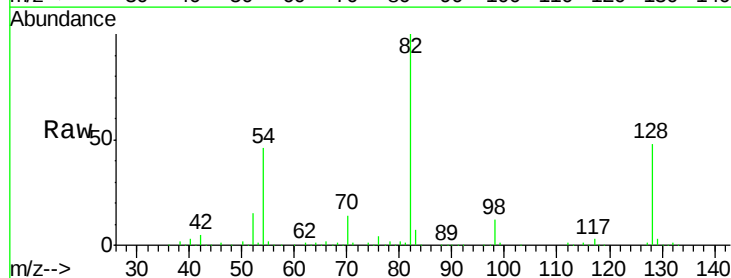
Instrument :
BNA_F
ClientSampleId :
W-14

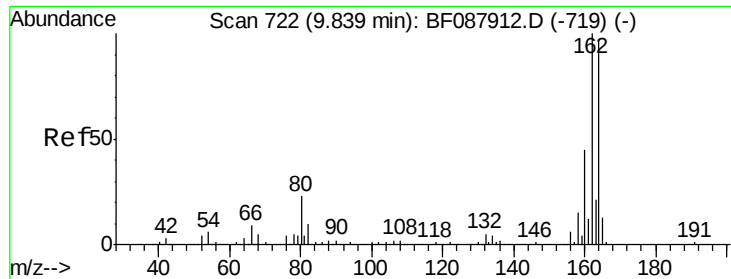
Tgt Ion:	136	Resp:	328777
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	4.6	6.6	10.0#
68	4.1	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 84.46 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

Tgt Ion:	82	Resp:	475543
Ion	Ratio	Lower	Upper
82	100		
128	48.0	35.9	53.9
54	45.9	40.9	61.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

Instrument :

BNA_F

ClientSampleId :

W-14

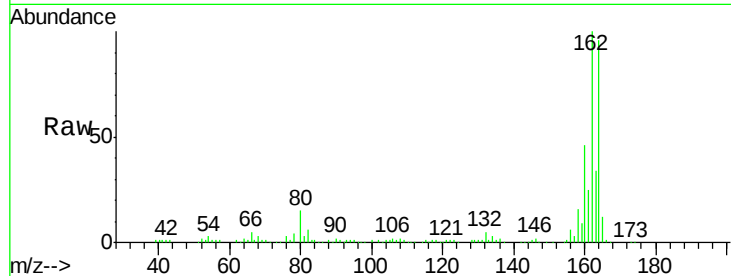
Tgt Ion:164 Resp: 133566

Ion Ratio Lower Upper

164 100

162 104.7 85.4 128.2

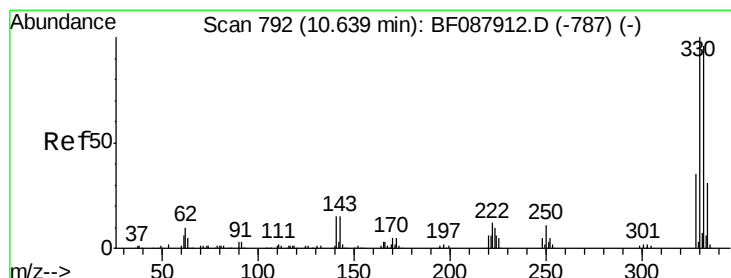
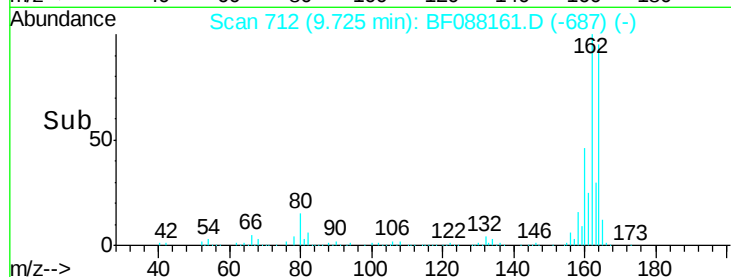
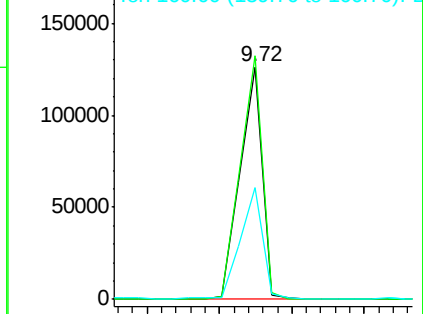
160 48.2 39.5 59.3



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: 102.46 ng

RT: 10.51 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF088161.D

Acq: 19 Jun 2016 4:45

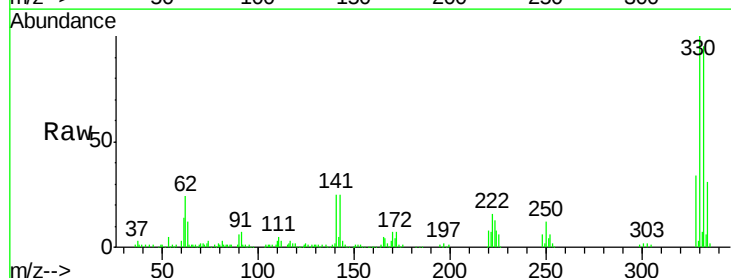
Tgt Ion:330 Resp: 144494

Ion Ratio Lower Upper

330 100

332 95.1 0.0 0.0#

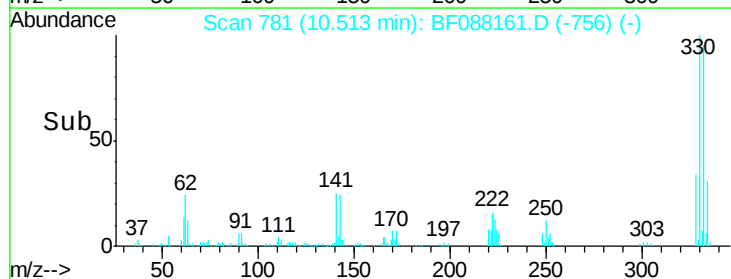
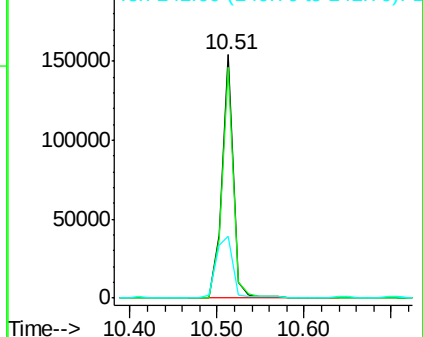
141 36.6 0.0 0.0#

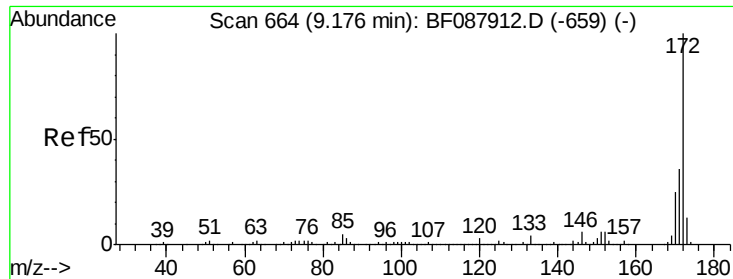


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

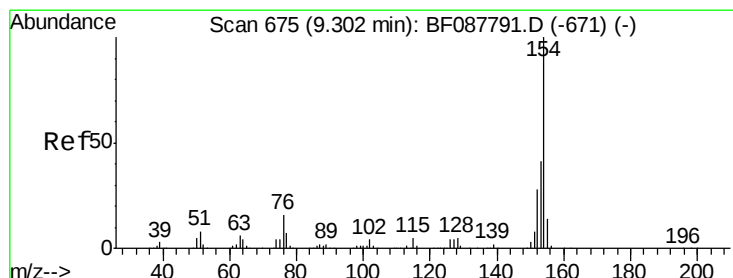
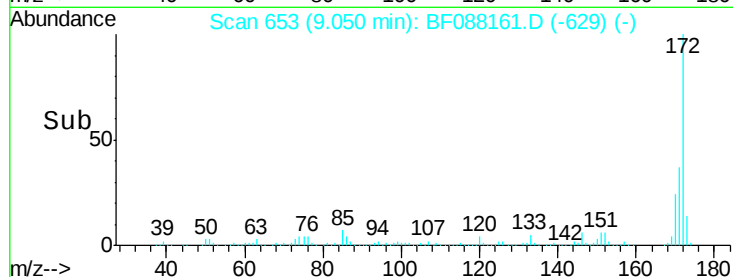
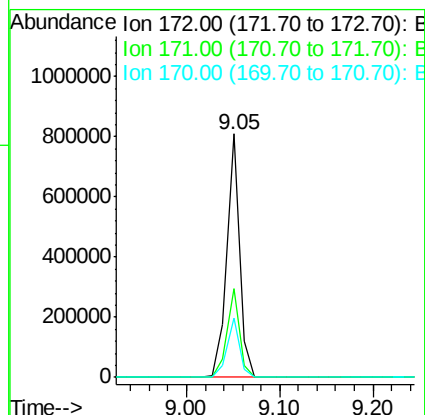
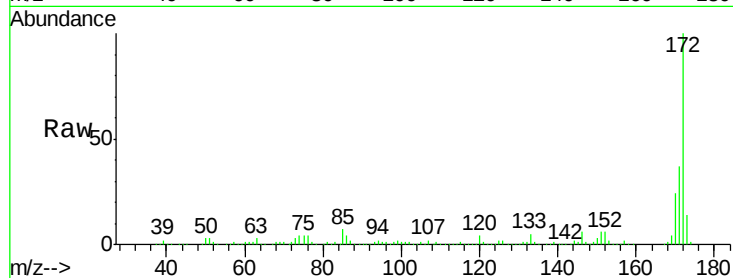




#44
 2-Fluorobiphenyl
 Concen: 90.90 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF088161.D
 Acq: 19 Jun 2016 4:45

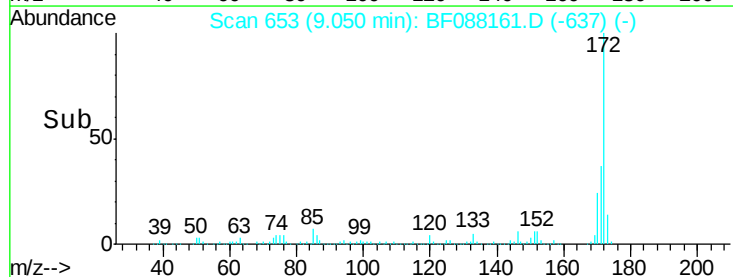
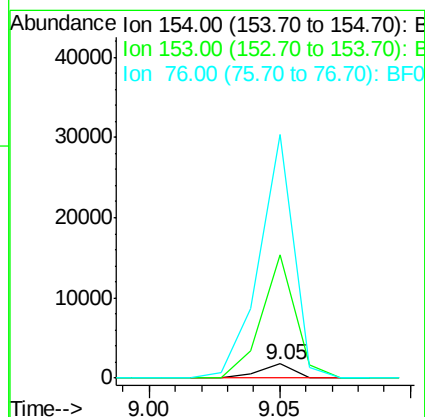
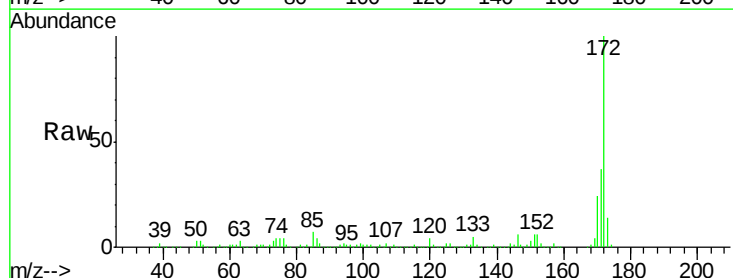
Instrument :
 BNA_F
 ClientSampleId :
 W-14

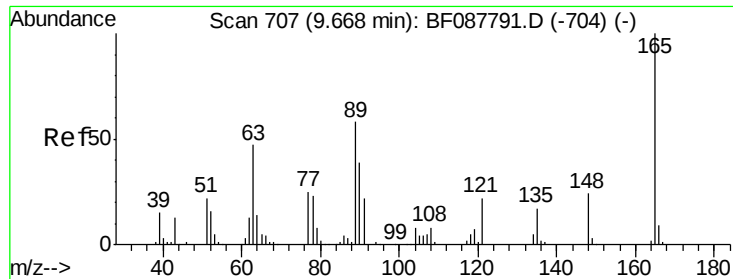
Tgt Ion:172 Resp: 769637
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.1 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.05 min Scan# 653
 Delta R.T. -0.11 min
 Lab File: BF088161.D
 Acq: 19 Jun 2016 4:45

Tgt Ion:154 Resp: 1541
 Ion Ratio Lower Upper
 154 100
 153 871.0 20.6 60.6#
 76 1718.7 0.0 35.1#

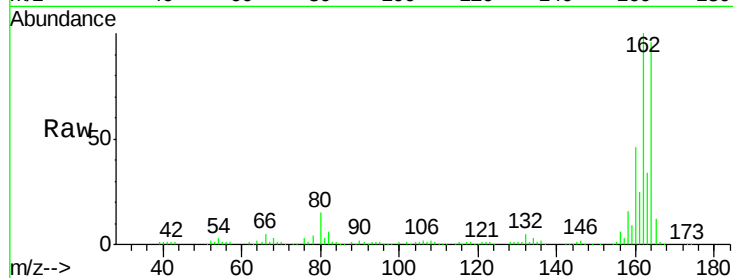




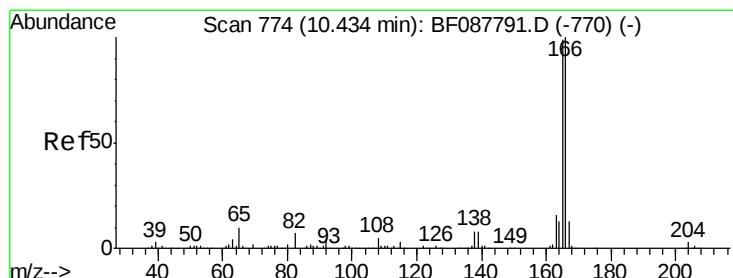
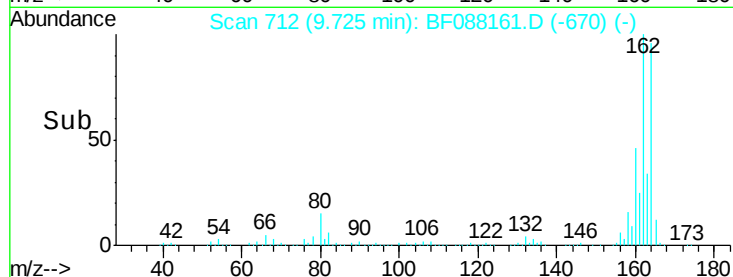
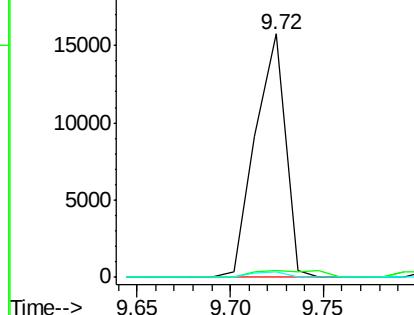
#50
2,6-Dinitrotoluene
Concen: 7.94 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.18 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

Instrument :
BNA_F
ClientSampleId :
W-14

Tgt Ion:165 Resp: 17601
Ion Ratio Lower Upper
165 100
63 2.6 28.1 42.1#
89 2.5 32.2 48.2#

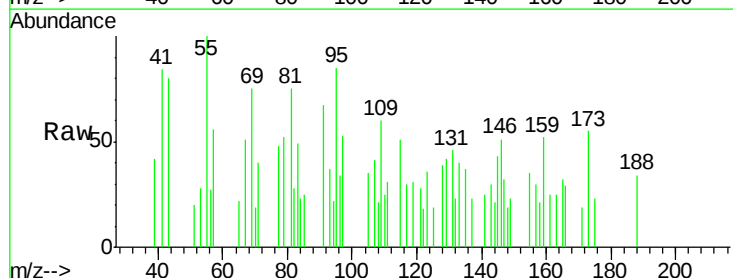


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

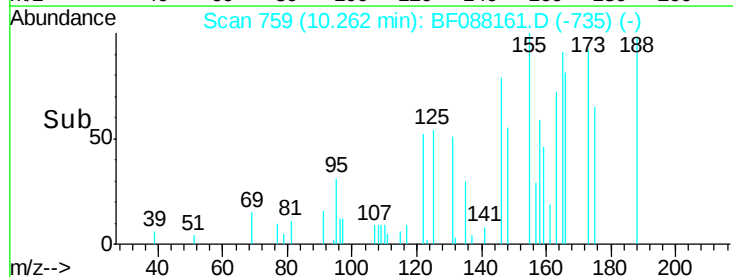
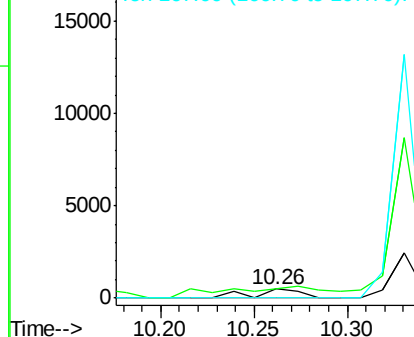


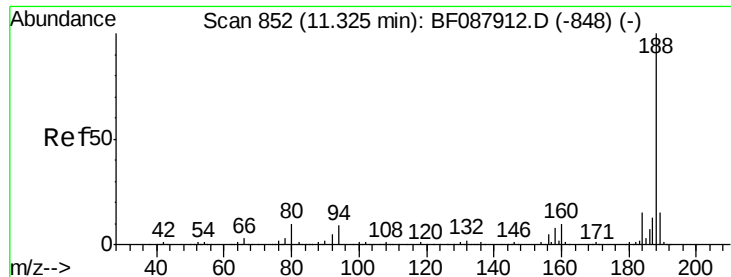
#57
Fluorene
Concen: Below Cal
RT: 10.26 min Scan# 759
Delta R.T. -0.02 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

Tgt Ion:166 Resp: 820
Ion Ratio Lower Upper
166 100
165 111.7 77.8 116.8
167 0.0 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

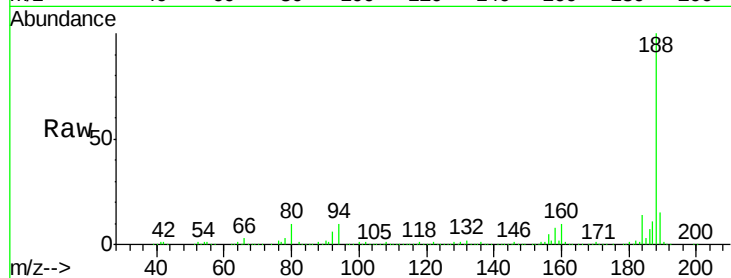




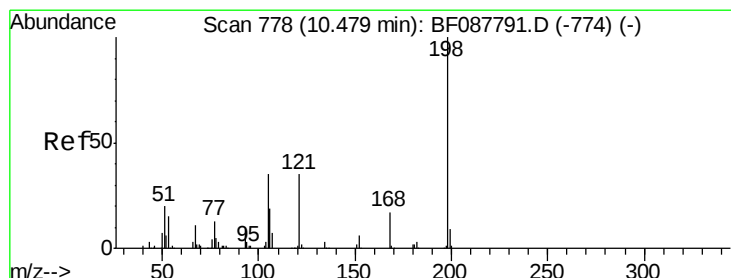
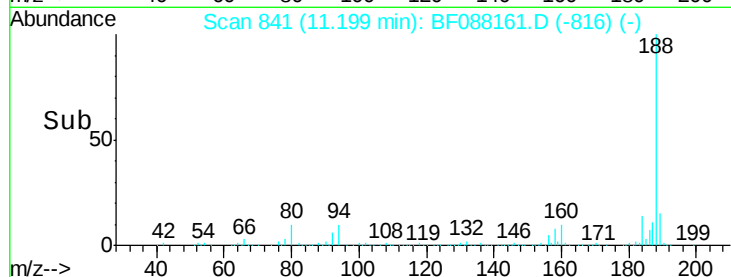
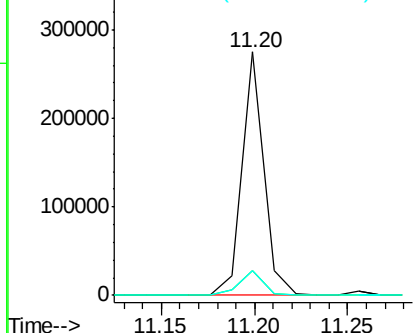
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

Instrument :
BNA_F
ClientSampleId :
W-14

Tgt Ion:188 Resp: 225591
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 10.3 10.0 15.0

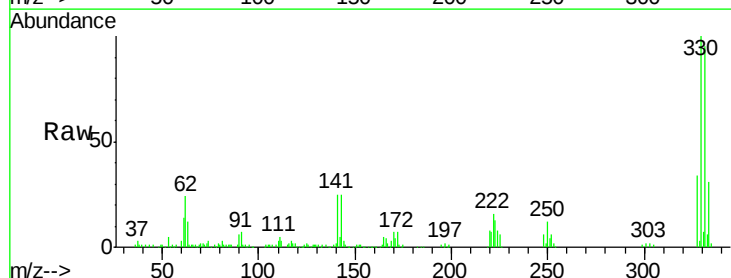


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

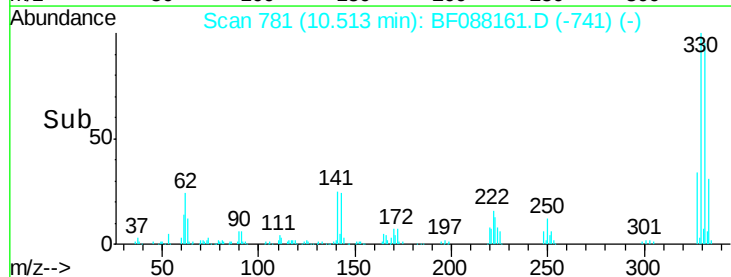
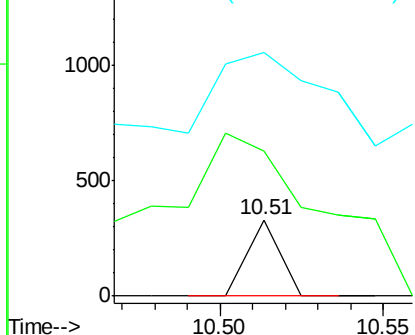


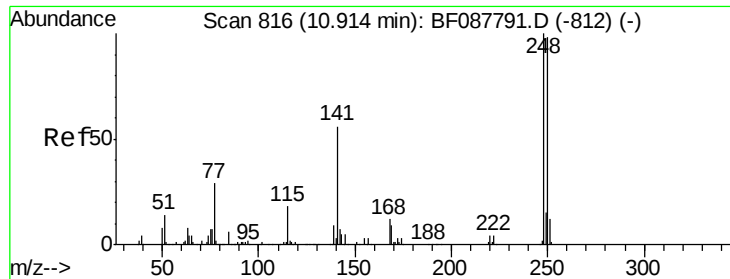
#64
4,6-Dinitro-2-methylphenol
Concen: 2.32 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.16 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

Tgt Ion:198 Resp: 227
Ion Ratio Lower Upper
198 100
51 190.3 39.6 79.6#
105 319.0 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

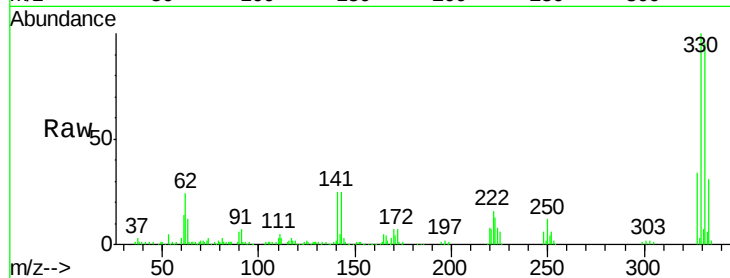




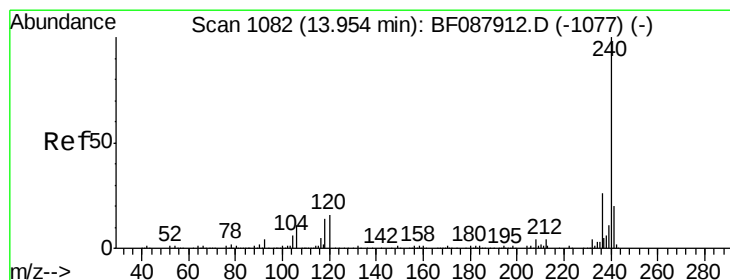
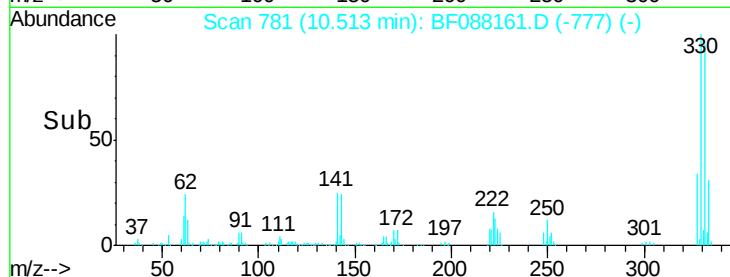
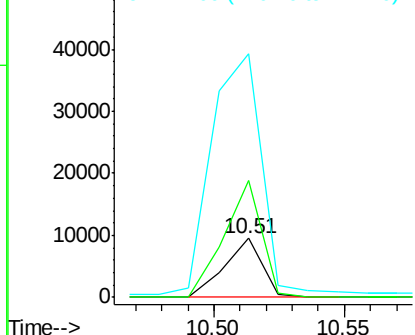
#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.25 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

Instrument :
BNA_F
ClientSampleId :
W-14

Tgt Ion:248 Resp: 9452
Ion Ratio Lower Upper
248 100
250 197.9 77.1 115.7#
141 414.4 50.6 76.0#

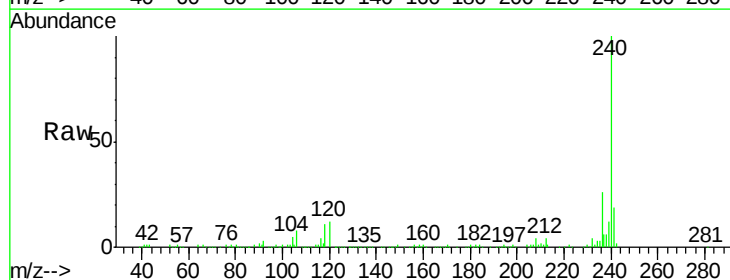


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

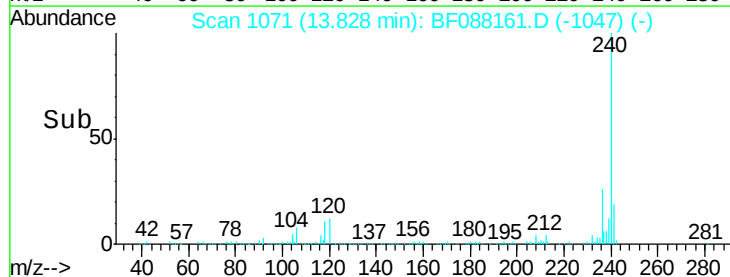
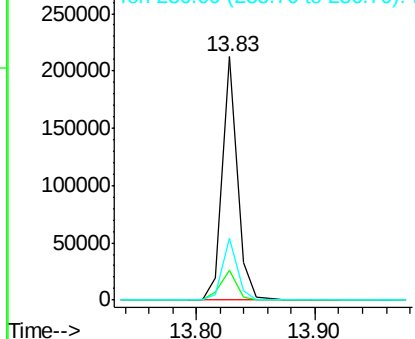


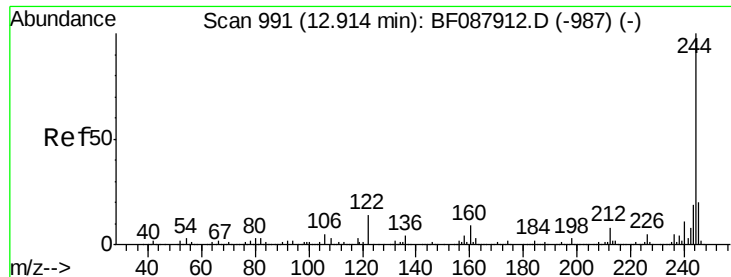
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF088161.D
Acq: 19 Jun 2016 4:45

Tgt Ion:240 Resp: 184884
Ion Ratio Lower Upper
240 100
120 12.4 6.8 10.2#
236 25.6 20.2 30.2



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

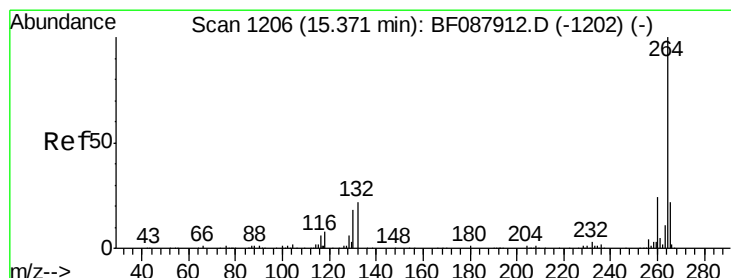
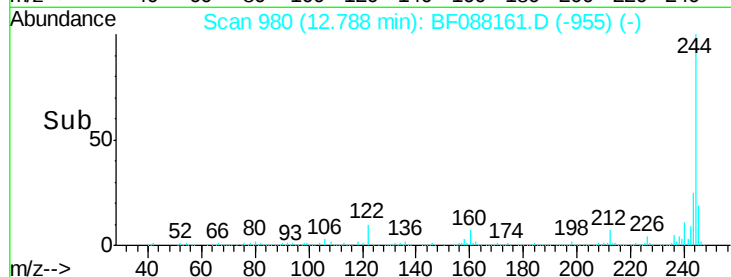
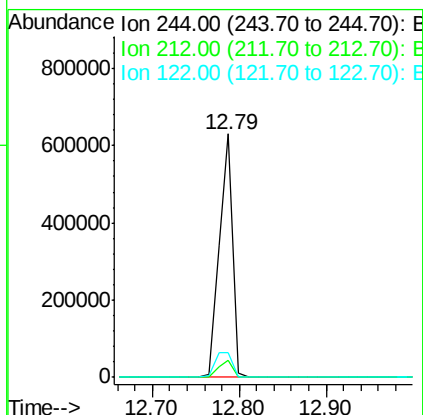
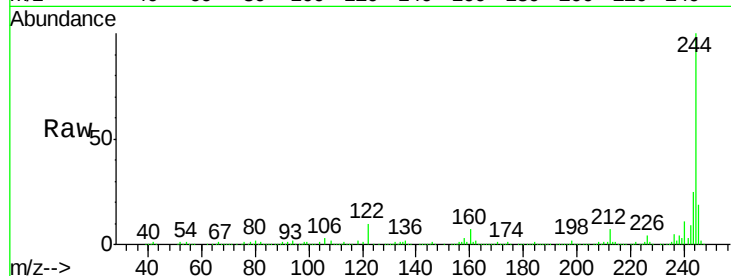




#78
 Terphenyl-d14
 Concen: 84.15 ng
 RT: 12.79 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF088161.D
 Acq: 19 Jun 2016 4:45

Instrument :
 BNA_F
 ClientSampleId :
 W-14

Tgt Ion:244 Resp: 683721
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.2 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF088161.D
 Acq: 19 Jun 2016 4:45

Tgt Ion:264 Resp: 141420
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.2 16.9 25.3

