

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084296.D
 Acq On : 6 Jan 2016 18:20
 Operator : SJ/UM
 Sample : H1010-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEMW-2-15

Quant Time: Jan 07 00:13:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

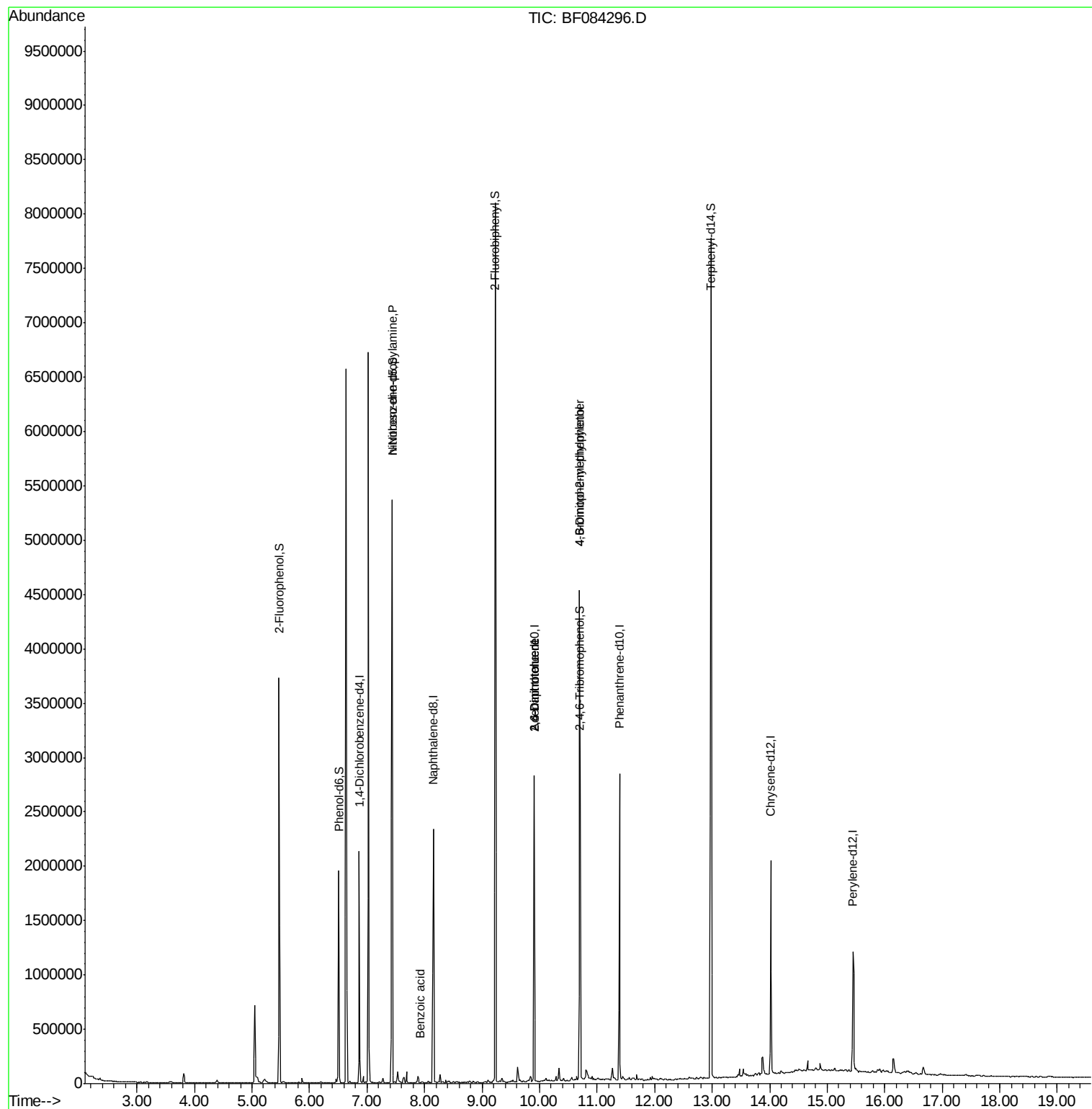
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	273565	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1145301	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	516044	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	955566	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	774257	20.00	ng	-0.05
86) Perylene-d12	15.45	264	598413	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1089585	64.42	ng	-0.02
7) Phenol-d6	6.51	99	961736	45.28	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1829954	88.93	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	745269	143.05	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2610243	89.30	ng	-0.03
78) Terphenyl-d14	12.98	244	2361568	68.08	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	260829	18.14	ng	# 71
32) Benzoic acid	7.93	122	255	6.27	ng	# 35
50) 2,6-Dinitrotoluene	9.90	165	67582	8.35	ng	# 38
54) Dibenzofuran	10.11	168	1540	Below Cal	#	89
56) 2,4-Dinitrotoluene	9.90	165	67585	6.60	ng	# 21
57) Fluorene	10.45	166	918	Below Cal	#	66
64) 4,6-Dinitro-2-methylphenol	10.69	198	1584	6.62	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	43671	4.25	ng	# 1
73) Di-n-butylphthalate	11.95	149	8951	Below Cal	#	92

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
Data File : BF084296.D
Acq On : 6 Jan 2016 18:20
Operator : SJ/UM
Sample : H1010-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEMW-2-15

Quant Time: Jan 07 00:13:23 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084296.D

Acq: 6 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

TEMW-2-15

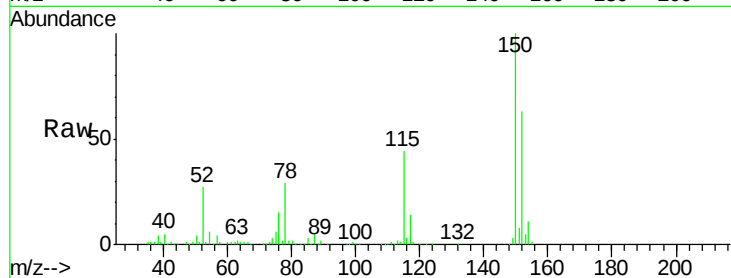
Tgt Ion:152 Resp: 273565

Ion Ratio Lower Upper

152 100

150 157.8 123.0 184.4

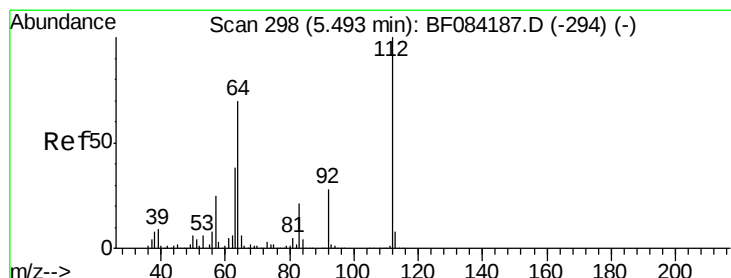
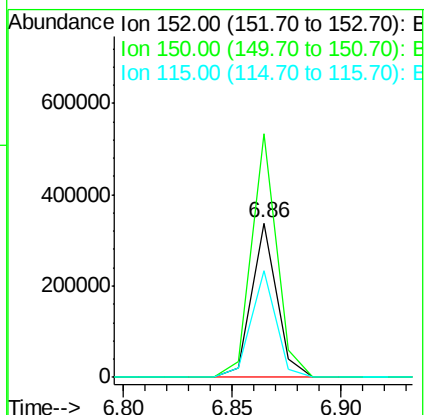
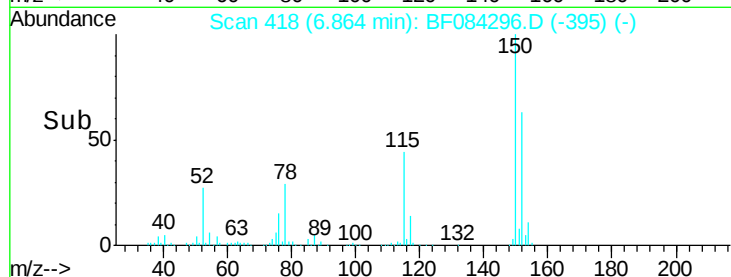
115 69.3 51.4 77.2



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: 64.42 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084296.D

Acq: 6 Jan 2016 18:20

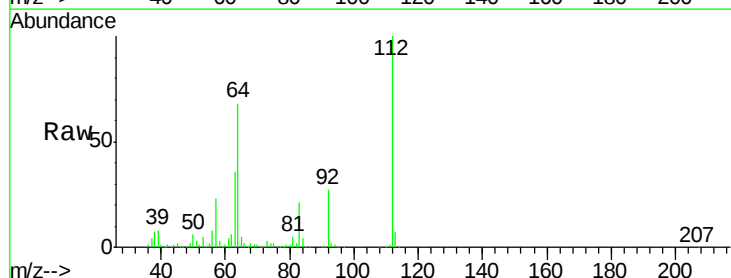
Tgt Ion:112 Resp: 1089585

Ion Ratio Lower Upper

112 100

64 68.0 36.6 55.0#

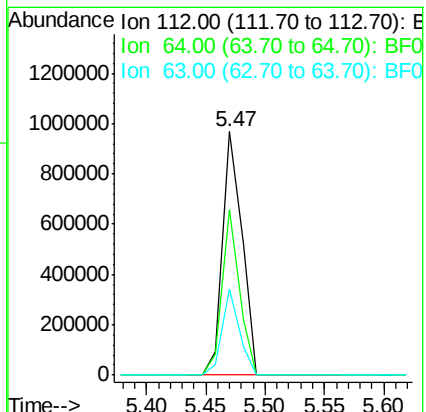
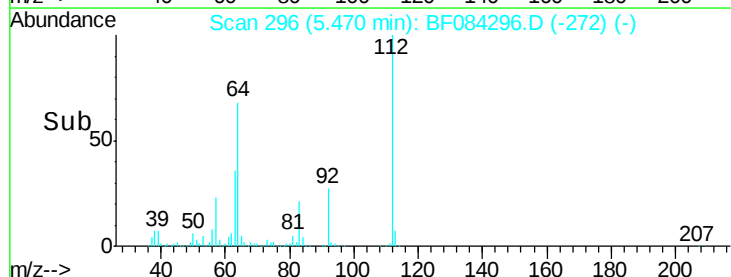
63 35.5 19.4 29.0#

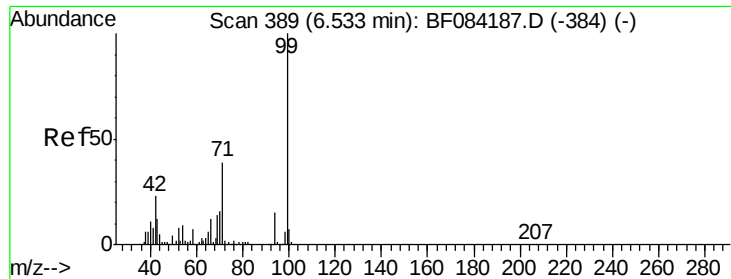


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 45.28 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF084296.D

Acq: 6 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

TEMW-2-15

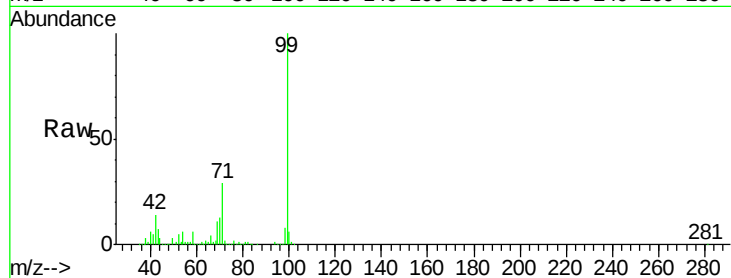
Tgt Ion: 99 Resp: 961736

Ion Ratio Lower Upper

99 100

42 14.3 12.8 19.2

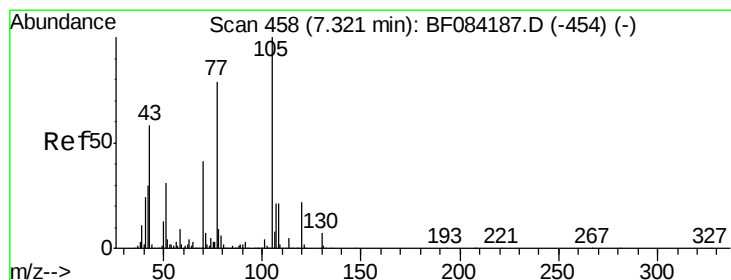
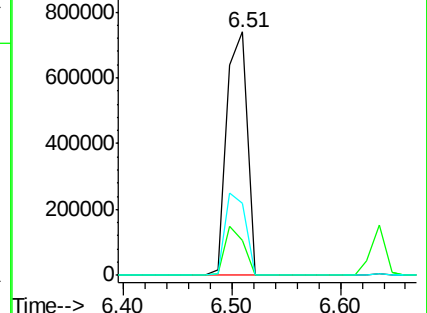
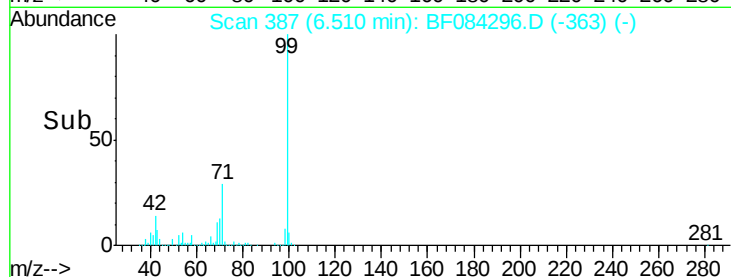
71 29.4 30.9 46.3#



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.14 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.11 min

Lab File: BF084296.D

Acq: 6 Jan 2016 18:20

Tgt Ion: 70 Resp: 260829

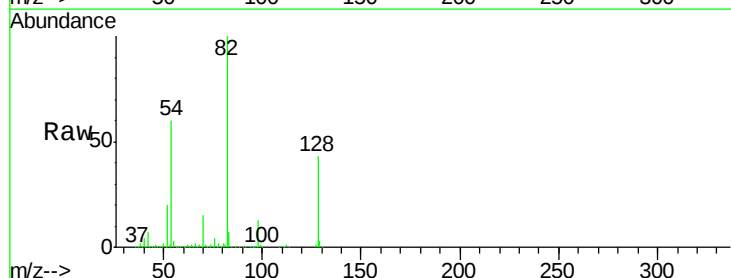
Ion Ratio Lower Upper

70 100

42 50.5 33.3 49.9#

101 0.0 9.3 13.9#

130 1.9 23.4 35.0#

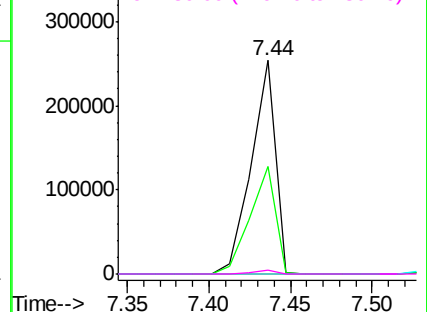
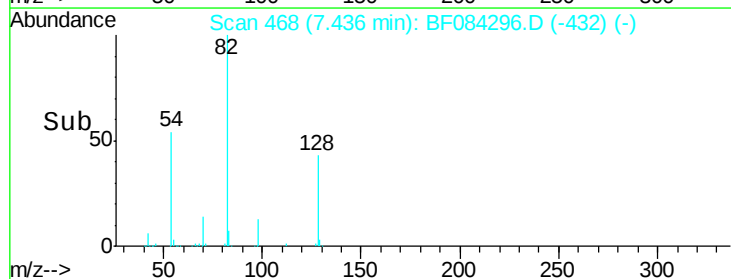


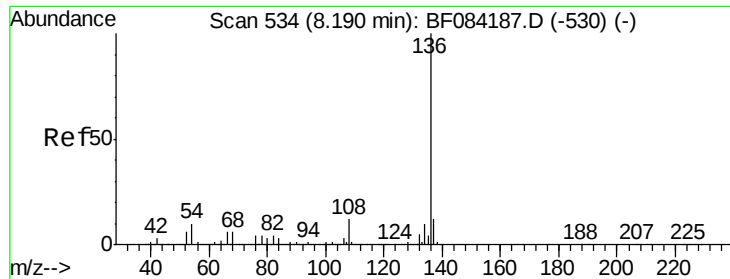
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084296.D

Acq: 6 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

TEMW-2-15

Tgt Ion:136 Resp: 1145301

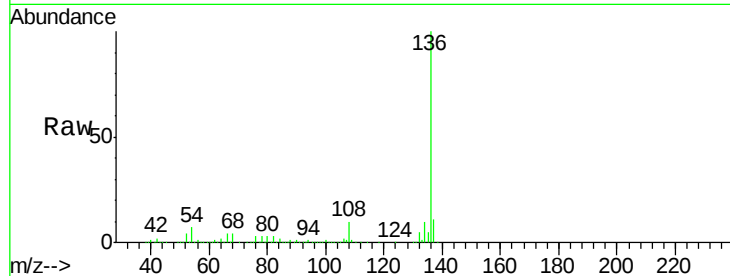
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.9 5.8 8.8

68 4.3 4.2 6.2

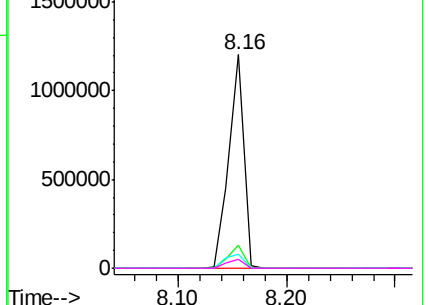
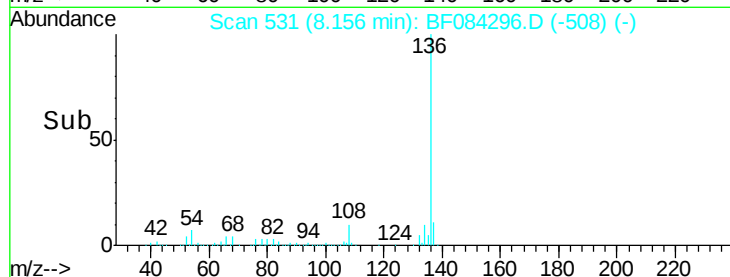


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.93 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF084296.D

Acq: 6 Jan 2016 18:20

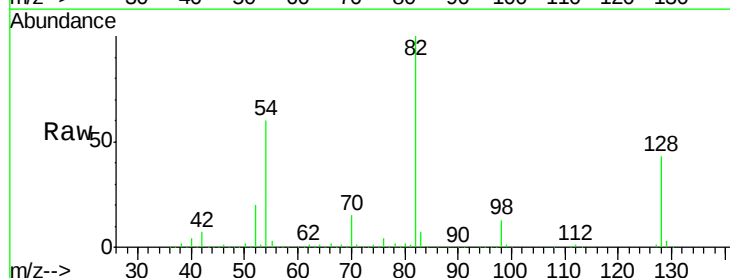
Tgt Ion: 82 Resp: 1829954

Ion Ratio Lower Upper

82 100

128 43.3 34.6 51.8

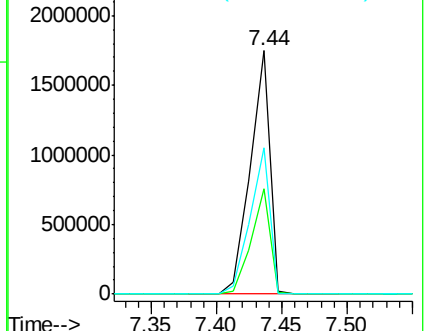
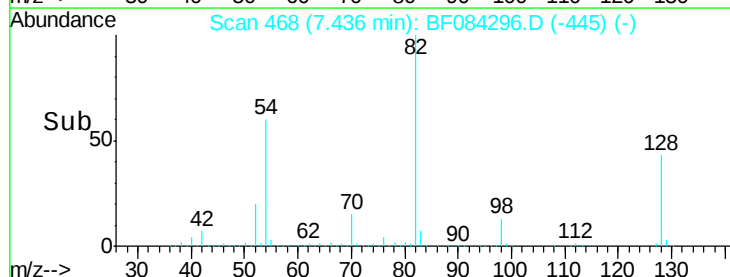
54 59.9 38.4 57.6#



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





#32

Benzoic acid

Concen: 6.27 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF084296.D

Acq: 6 Jan 2016 18:20

Instrument :

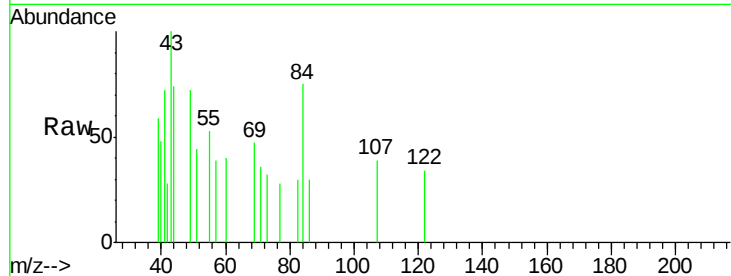
BNA_F

ClientSampleId :

TEMW-2-15

Tgt Ion:122 Resp: 255

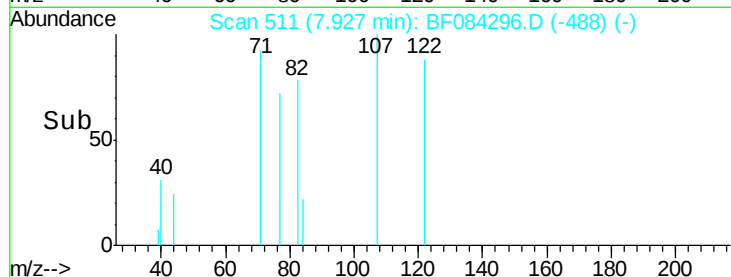
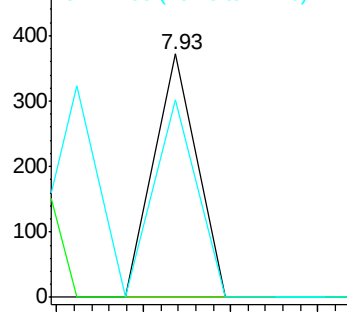
Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.3	140.3#
77	81.2	63.5	103.5



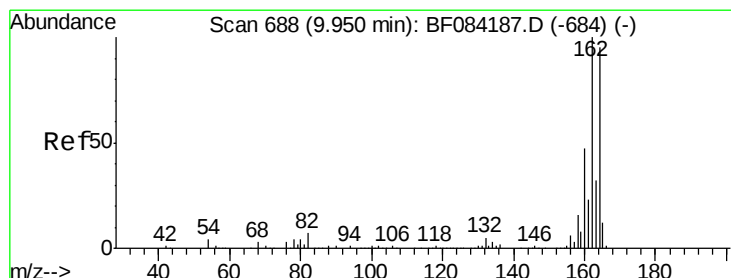
Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

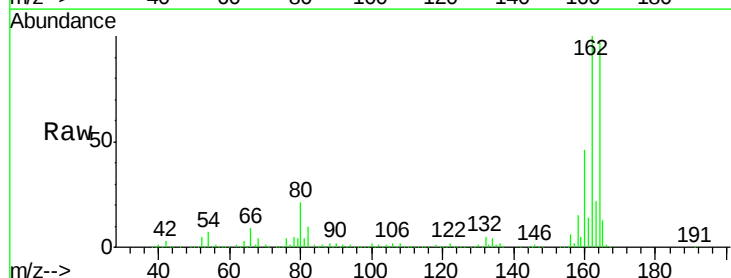
Delta R.T. -0.05 min

Lab File: BF084296.D

Acq: 6 Jan 2016 18:20

Tgt Ion:164 Resp: 516044

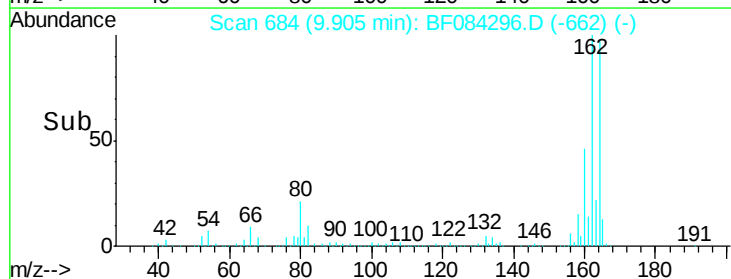
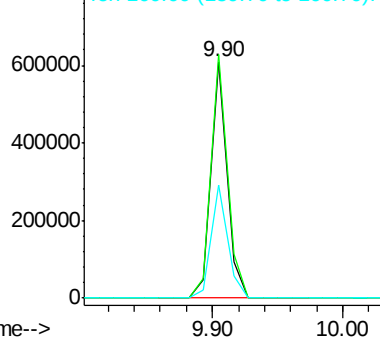
Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.1	127.7
160	47.8	37.5	56.3



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

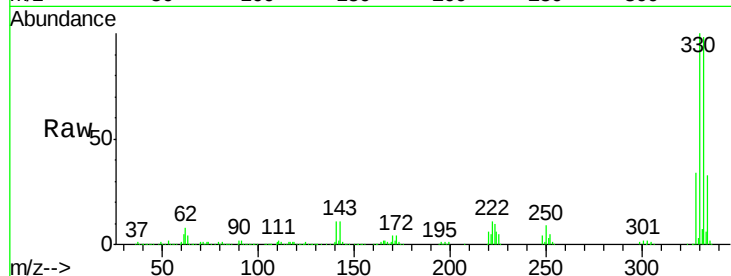




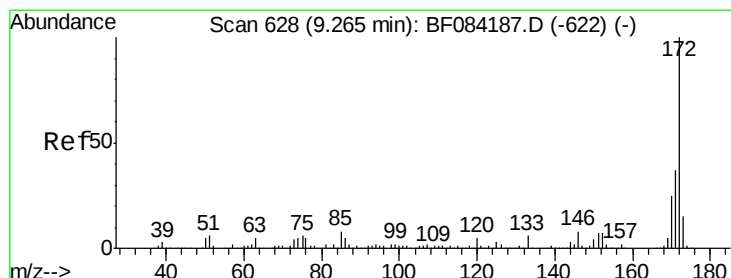
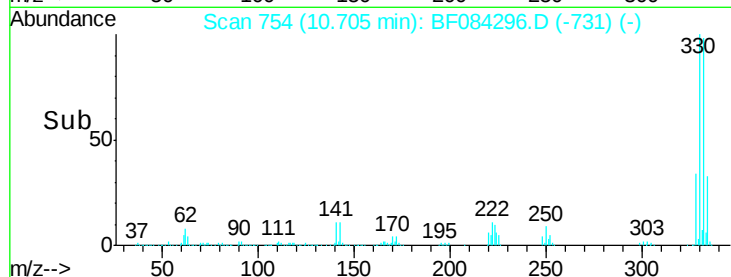
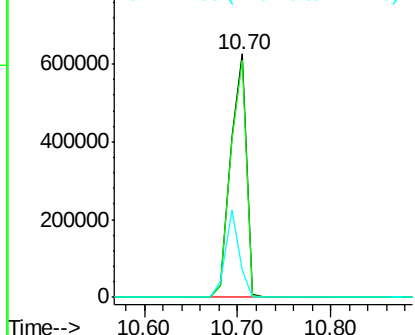
#41
 2,4,6-Tribromophenol
 Concen: 143.05 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084296.D
 Acq: 6 Jan 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 TEMW-2-15

Tgt Ion:330 Resp: 745269
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 114.8
 141 31.7 27.8 41.6

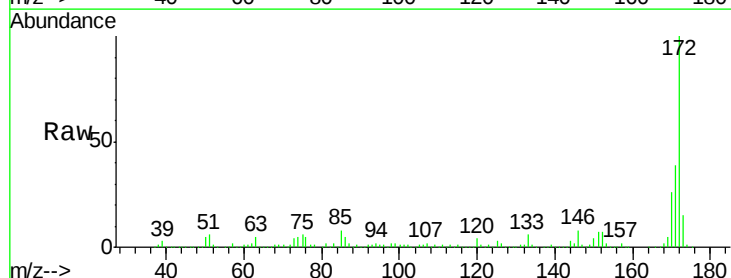


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

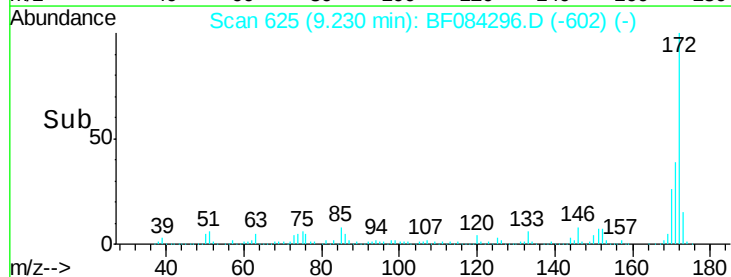
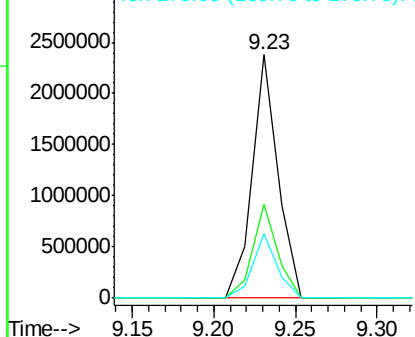


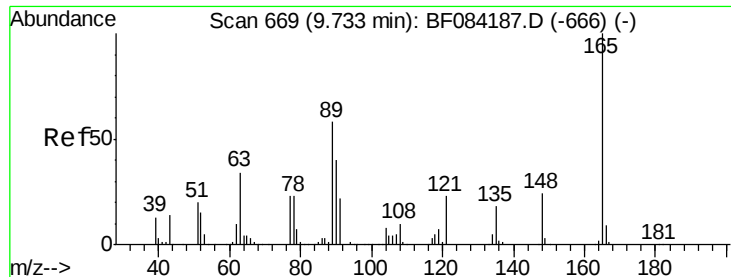
#44
 2-Fluorobiphenyl
 Concen: 89.30 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084296.D
 Acq: 6 Jan 2016 18:20

Tgt Ion:172 Resp: 2610243
 Ion Ratio Lower Upper
 172 100
 171 38.7 28.9 43.3
 170 26.4 18.6 27.8



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





#50

2,6-Dinitrotoluene

Concen: 8.35 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.17 min

Lab File: BF084296.D

Acq: 6 Jan 2016 18:20

Instrument :

BNA_F

ClientSampleId :

TEMW-2-15

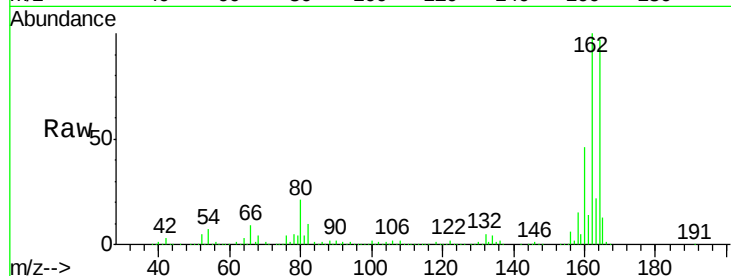
Tgt Ion:165 Resp: 67582

Ion Ratio Lower Upper

165 100

63 1.4 28.8 43.2#

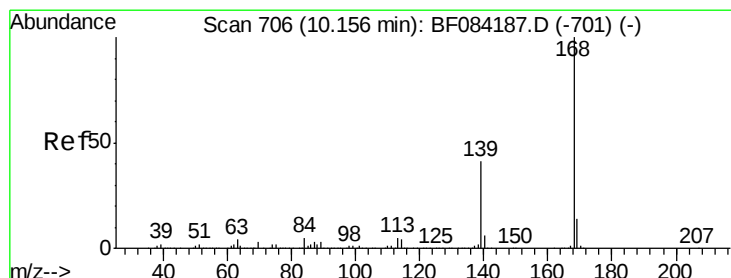
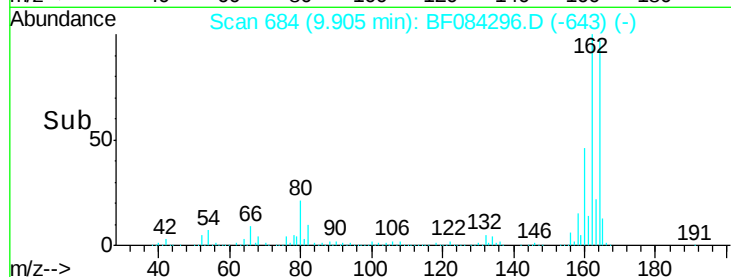
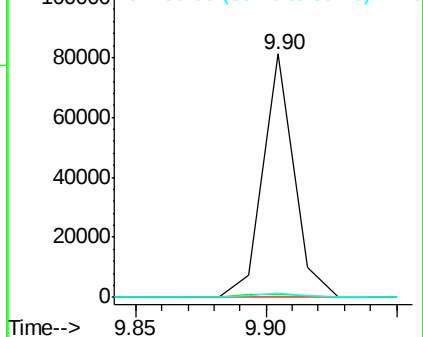
89 1.6 35.1 52.7#



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



#54

Dibenzofuran

Concen: Below Cal

RT: 10.11 min Scan# 702

Delta R.T. -0.05 min

Lab File: BF084296.D

Acq: 6 Jan 2016 18:20

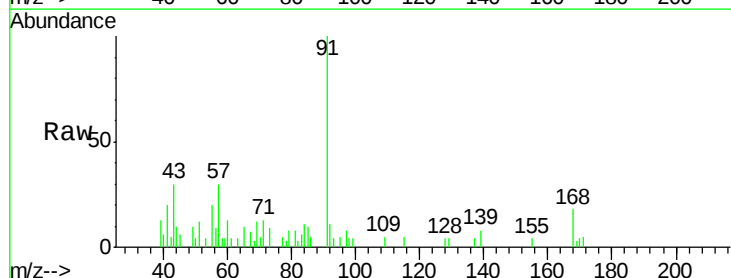
Tgt Ion:168 Resp: 1540

Ion Ratio Lower Upper

168 100

139 44.7 30.5 45.7

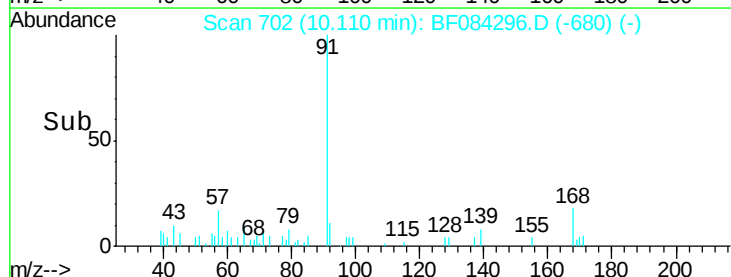
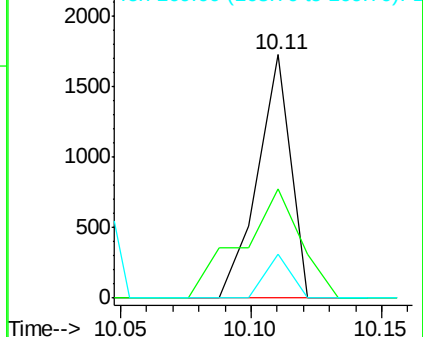
169 18.0 10.4 15.6#

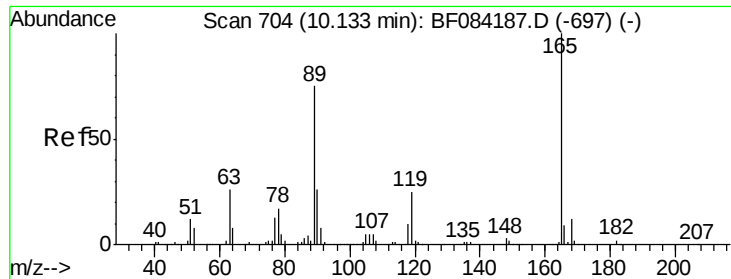


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

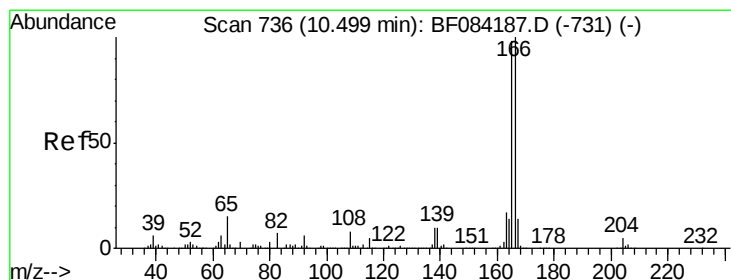
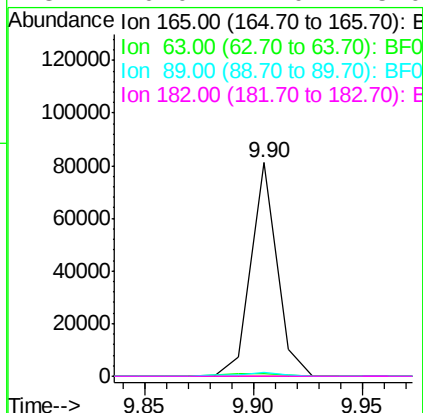
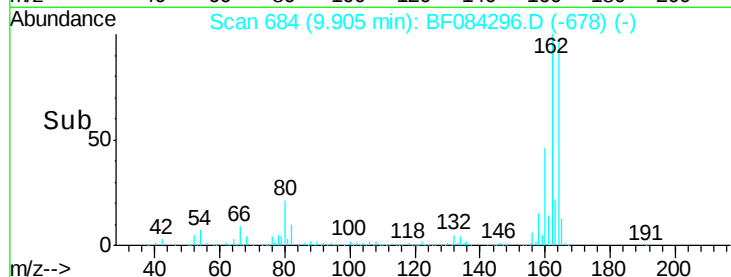
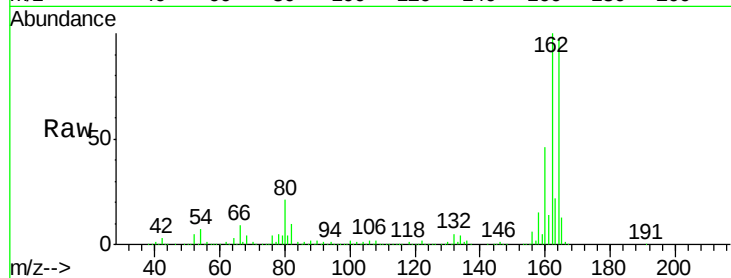




#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF084296.D
Acq: 6 Jan 2016 18:20

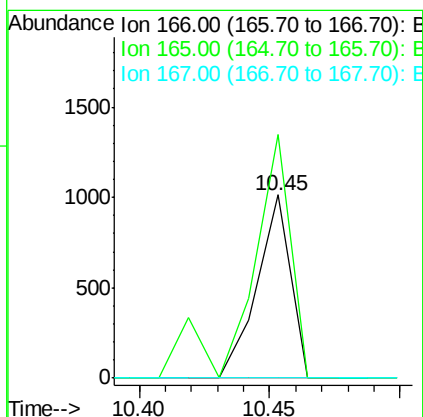
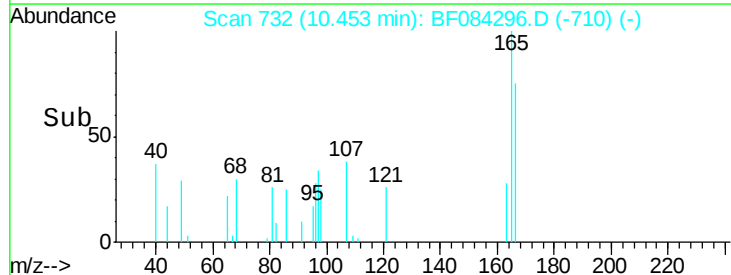
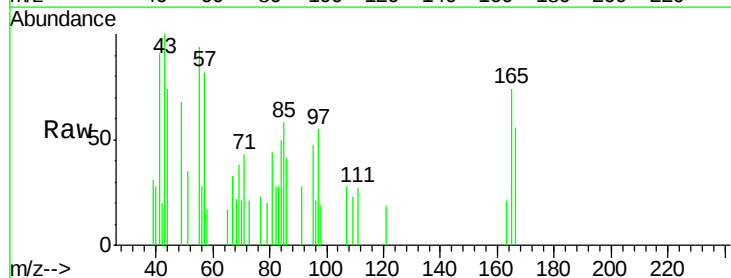
Instrument :
BNA_F
ClientSampleId :
TEMW-2-15

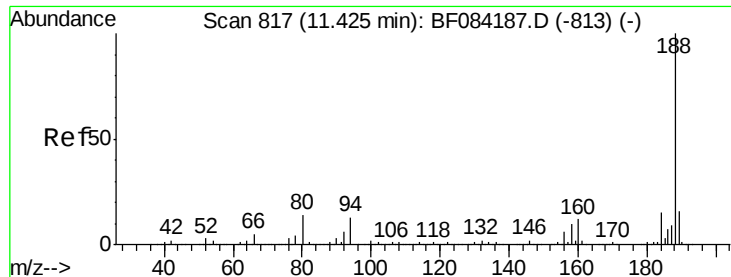
Tgt Ion:165 Resp: 67585
Ion Ratio Lower Upper
165 100
63 1.4 36.7 55.1#
89 1.6 61.9 92.9#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 732
Delta R.T. -0.04 min
Lab File: BF084296.D
Acq: 6 Jan 2016 18:20

Tgt Ion:166 Resp: 918
Ion Ratio Lower Upper
166 100
165 132.8 79.1 118.7#
167 0.0 10.4 15.6#

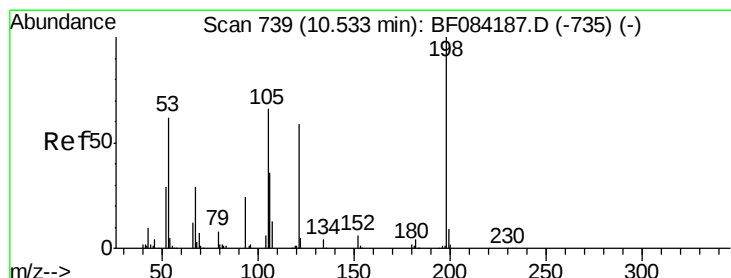
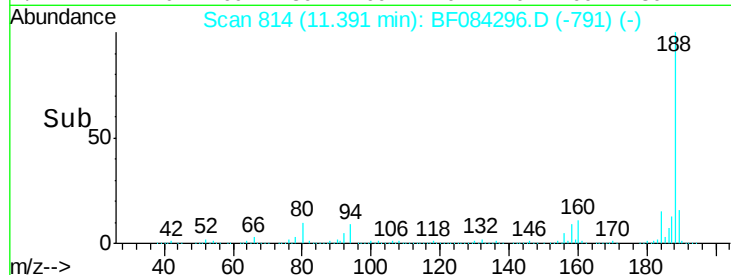
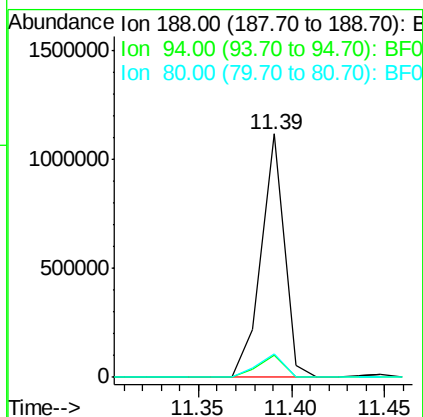
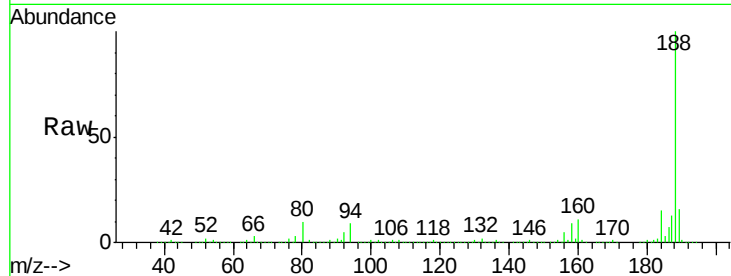




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084296.D
Acq: 6 Jan 2016 18:20

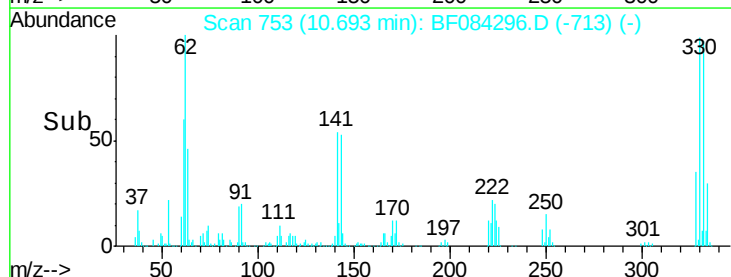
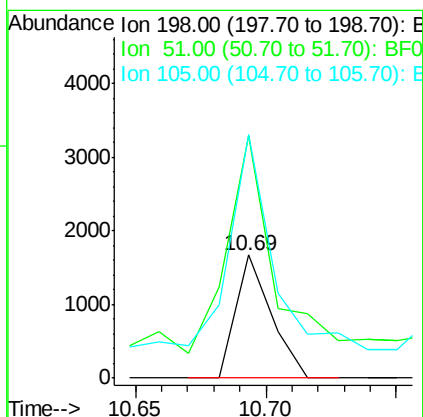
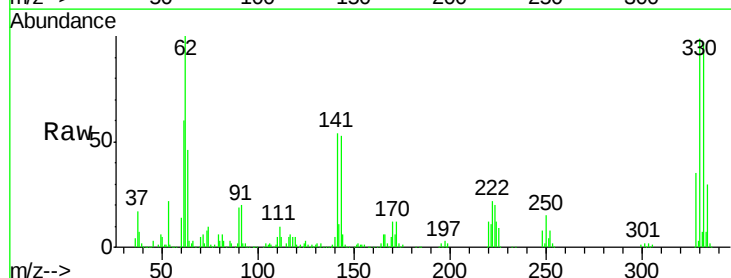
Instrument :
BNA_F
ClientSampleId :
TEMW-2-15

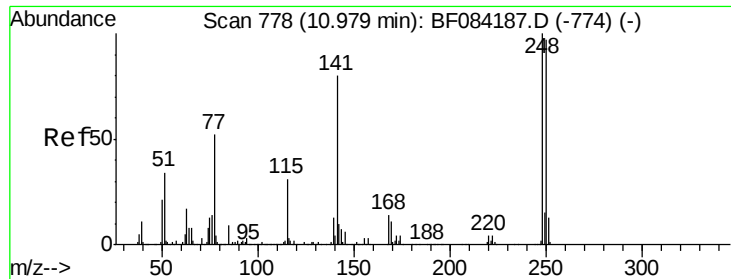
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.6	9.6	14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 6.62 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.16 min
Lab File: BF084296.D
Acq: 6 Jan 2016 18:20

Tgt Ion	Ratio	Lower	Upper
198	100		
51	197.1	18.9	58.9#
105	197.8	26.4	66.4#

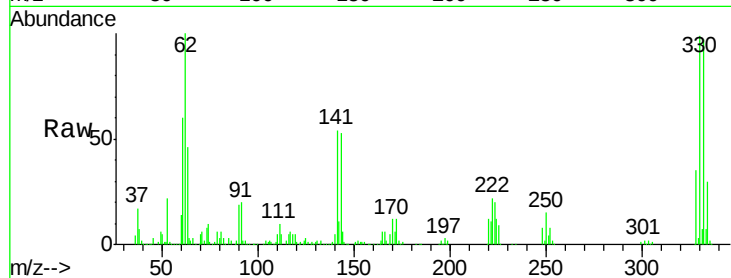




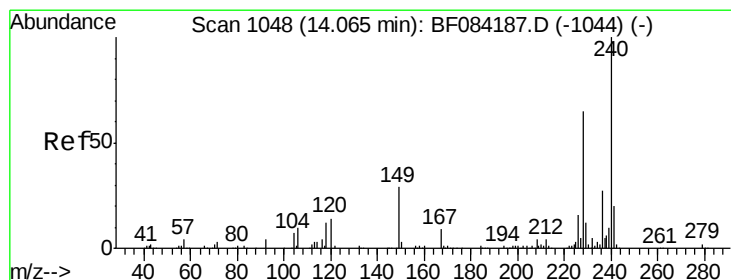
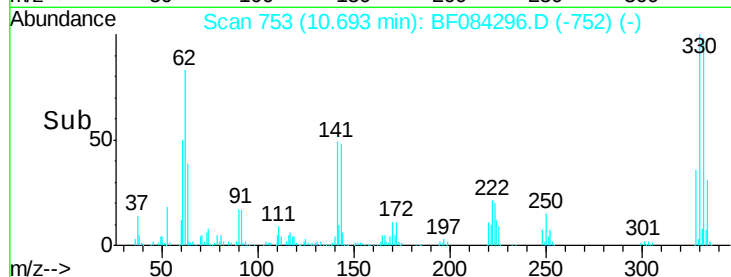
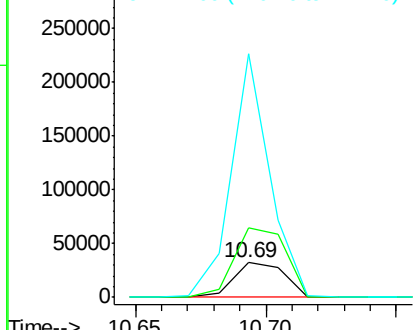
#66
4-Bromophenyl-phenylether
Concen: 4.25 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.29 min
Lab File: BF084296.D
Acq: 6 Jan 2016 18:20

Instrument :
BNA_F
ClientSampleId :
TEMW-2-15

Tgt Ion:248 Resp: 43671
Ion Ratio Lower Upper
248 100
250 201.6 78.4 117.6#
141 705.3 44.0 66.0#

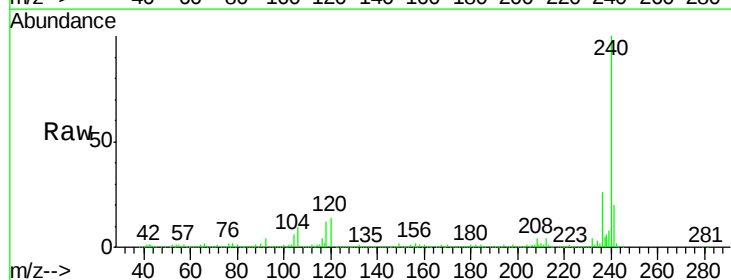


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

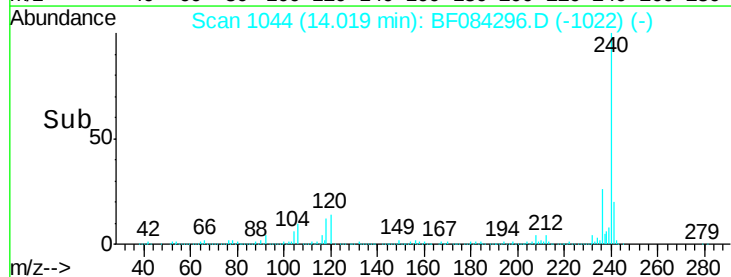
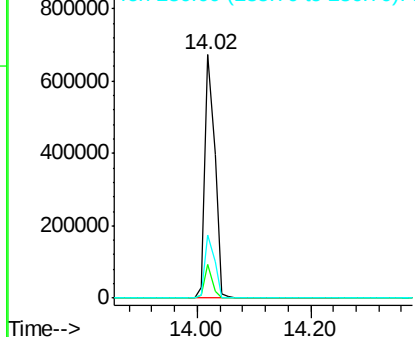


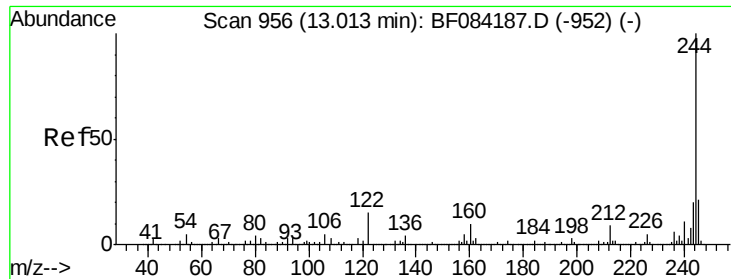
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084296.D
Acq: 6 Jan 2016 18:20

Tgt Ion:240 Resp: 774257
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 25.7 20.6 31.0



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

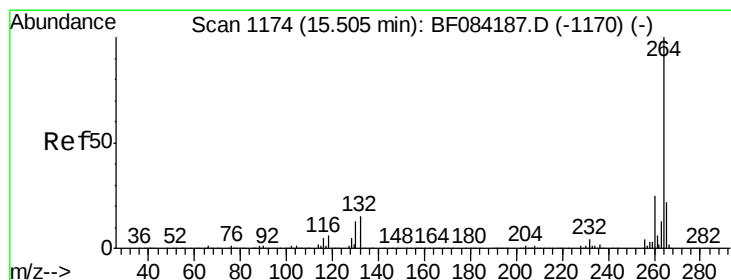
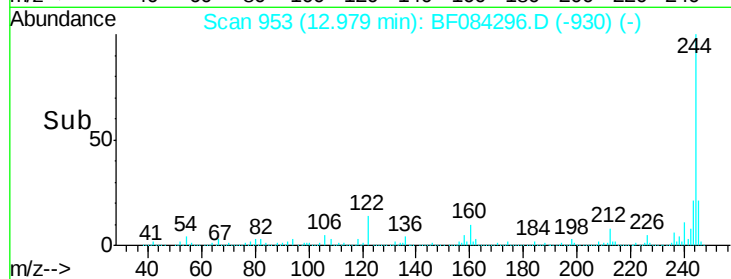
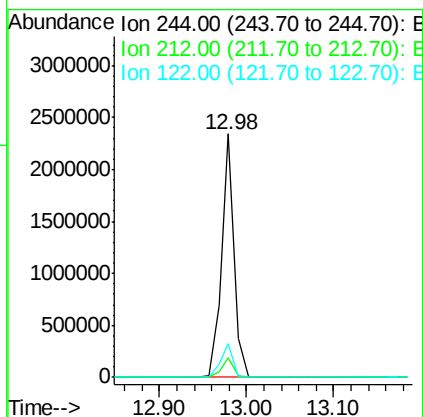
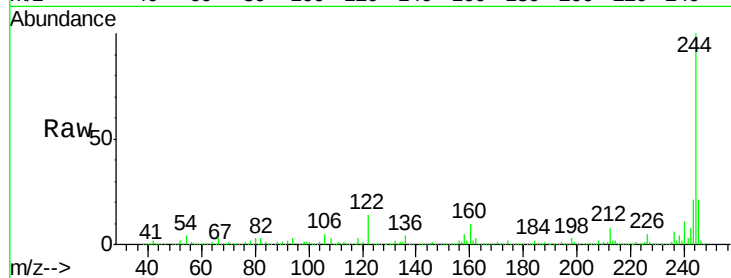




#78
 Terphenyl-d14
 Concen: 68.08 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF084296.D
 Acq: 6 Jan 2016 18:20

Instrument :
 BNA_F
 ClientSampleId :
 TEMW-2-15

Tgt Ion:244 Resp: 2361568
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 13.8 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF084296.D
 Acq: 6 Jan 2016 18:20

Tgt Ion:264 Resp: 598413
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.9 17.8 26.6

