

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081369.D
 Acq On : 3 Sep 2015 1:54
 Operator : UM/IZ
 Sample : G3525-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERD-45-DISCHARGE-B2-090115

Quant Time: Sep 03 02:58:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

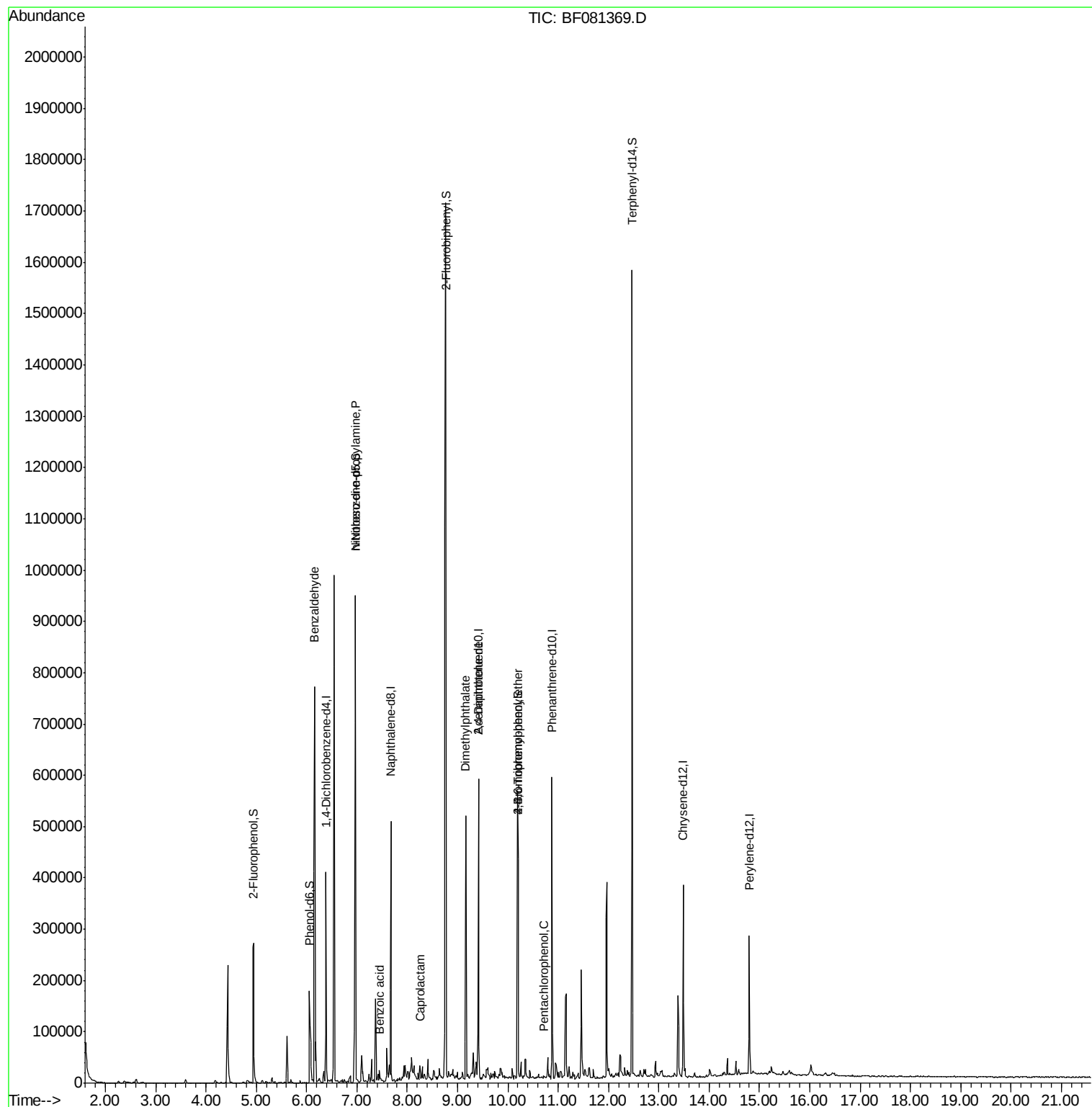
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	56617	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	224176	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	103699	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	190380	20.00	ng	0.00
75) Chrysene-d12	13.49	240	137927	20.00	ng	-0.01
86) Perylene-d12	14.80	264	100863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	107544	29.47	ng	0.02
7) Phenol-d6	6.06	99	82023	16.98	ng	0.00
23) Nitrobenzene-d5	6.97	82	401579	86.43	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	71682	77.63	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	669599	82.75	ng	0.00
78) Terphenyl-d14	12.47	244	462867	78.12	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.16	77	6161	2.04	ng	# 63
19) n-Nitroso-di-n-propylamine	6.97	70	53184	16.18	ng	# 59
32) Benzoic acid	7.46	122	234	2.63	ng	# 44
35) Caprolactam	8.25	113	4604	4.77	ng	# 6
49) Dimethylphthalate	9.16	163	167625	20.81	ng	# 97
56) 2,4-Dinitrotoluene	9.42	165	13737	5.90	ng	# 35
66) 4-Bromophenyl-phenylether	10.20	248	5412	2.81	ng	# 1
69) Pentachlorophenol	10.71	266	499	9.20	ng	# 87

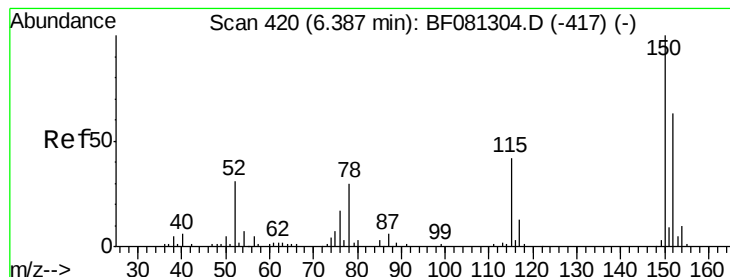
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
Data File : BF081369.D
Acq On : 3 Sep 2015 1:54
Operator : UM/IZ
Sample : G3525-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERD-45-DISCHARGE-B2-090115

Quant Time: Sep 03 02:58:35 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration



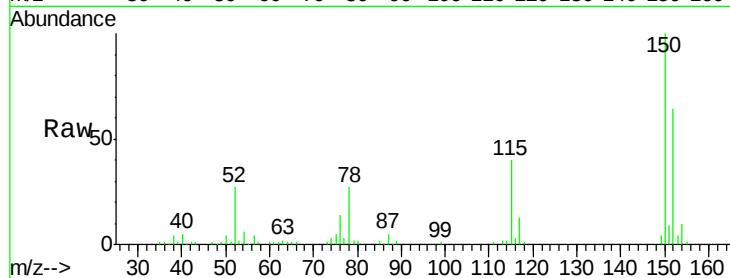


#1

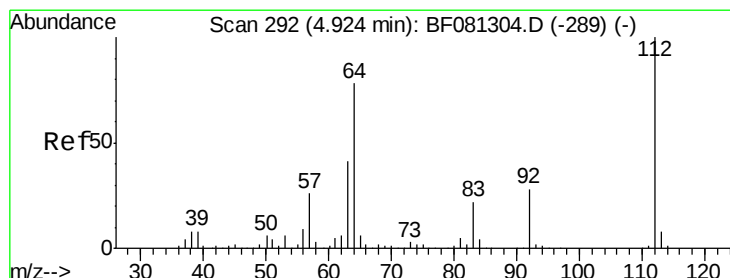
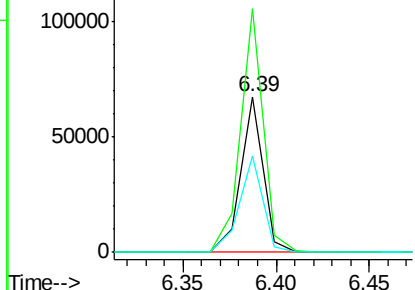
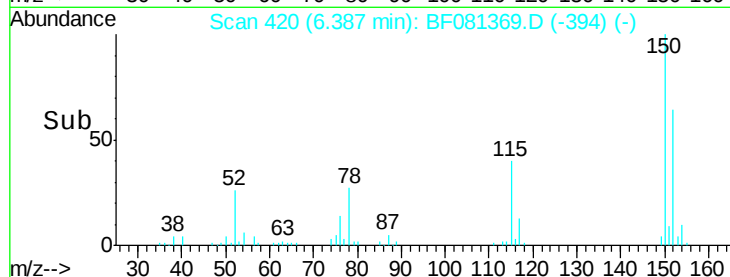
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081369.D
Acq: 3 Sep 2015 1:54

Instrument :
BNA_F
ClientSampleId :
ERD-45-DISCHARGE-B2-090115

Tot Ion:152 Resp: 56617
Ion Ratio Lower Upper
152 100
150 156.4 124.7 187.1
115 61.8 39.0 58.4#



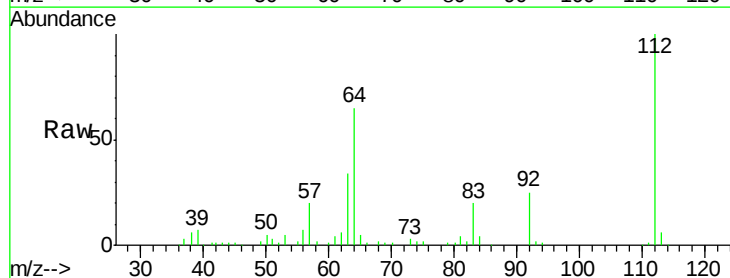
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



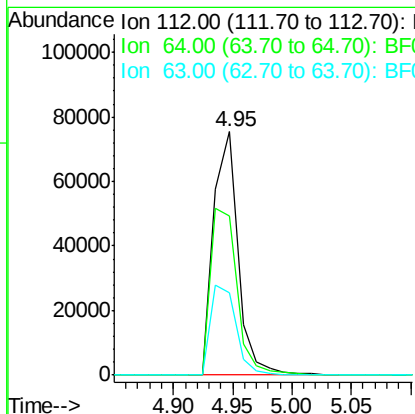
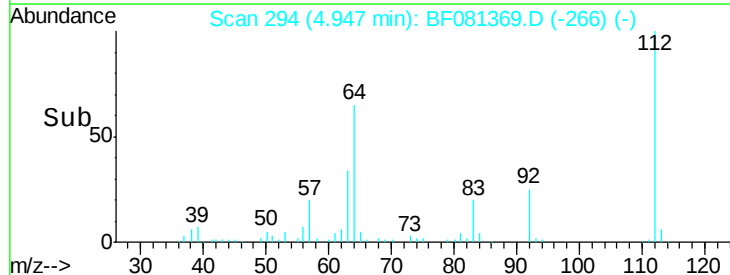
#5

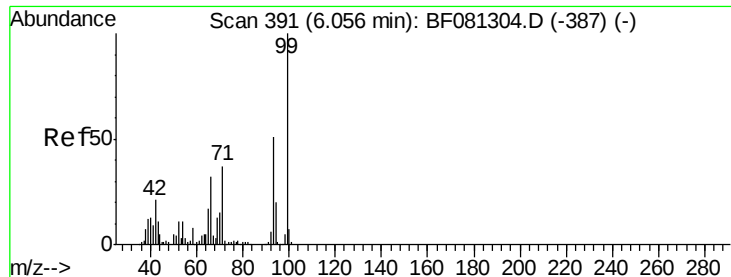
2-Fluorophenol
Concen: 29.47 ng
RT: 4.95 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF081369.D
Acq: 3 Sep 2015 1:54

Tgt Ion:112 Resp: 107544
Ion Ratio Lower Upper
112 100
64 65.1 39.7 59.5#
63 33.7 17.4 26.0#



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: 16.98 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081369.D

Acq: 3 Sep 2015 1:54

Instrument :

BNA_F

ClientSampleId :

ERD-45-DISCHARGE-B2-090115

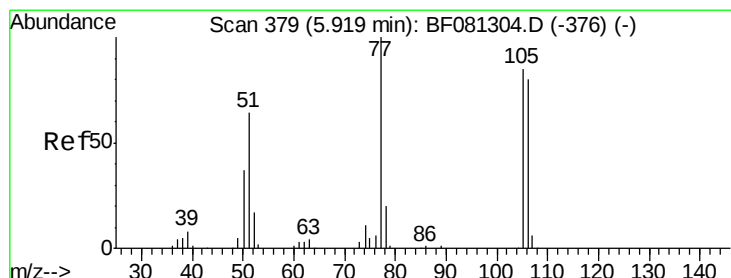
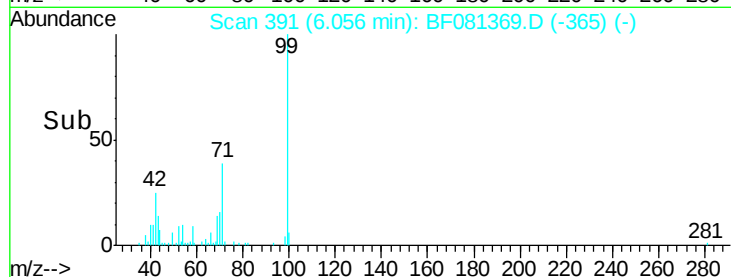
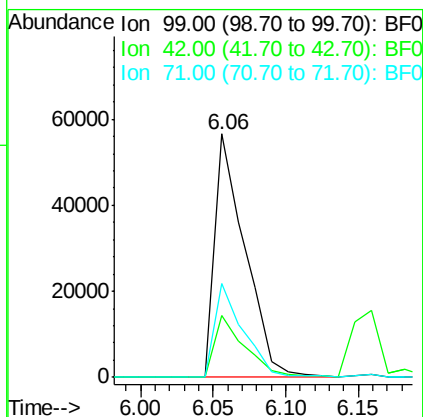
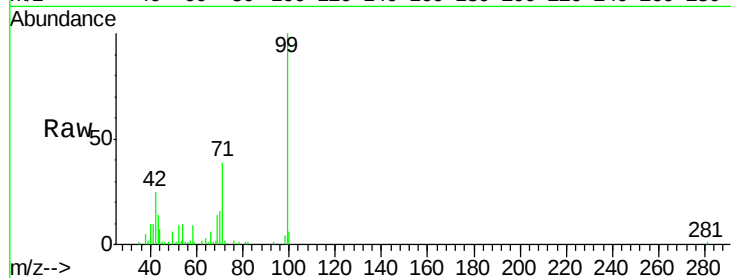
Tot Ion: 99 Resp: 82023

Ion Ratio Lower Upper

99 100

42 25.2 13.7 20.5#

71 38.7 14.2 21.2#



#9

Benzaldehyde

Concen: 2.04 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.24 min

Lab File: BF081369.D

Acq: 3 Sep 2015 1:54

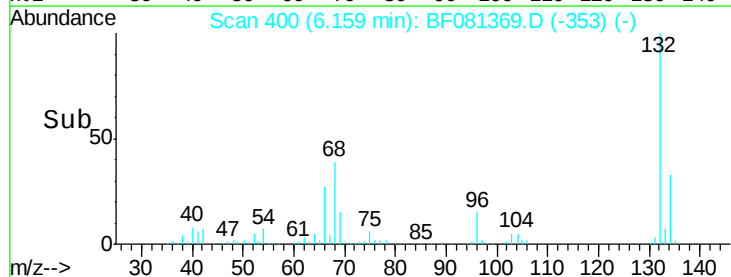
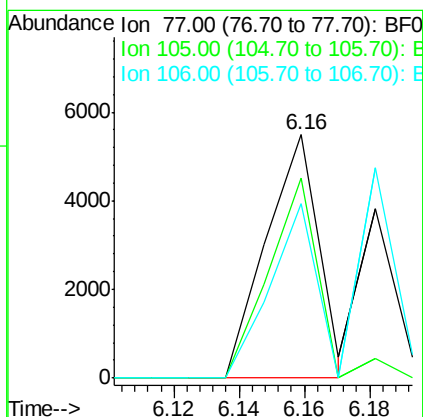
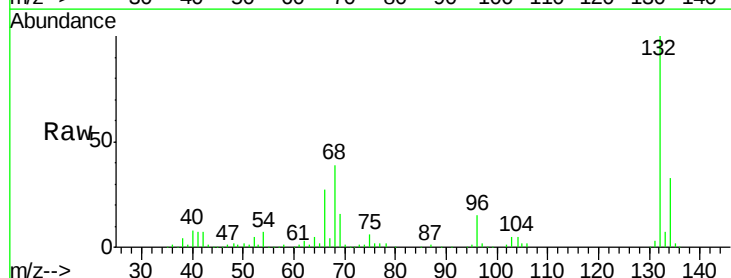
Tgt Ion: 77 Resp: 6161

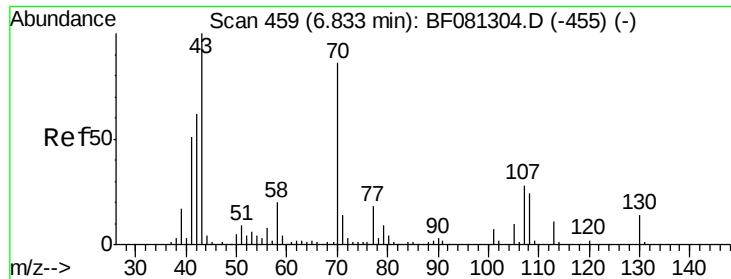
Ion Ratio Lower Upper

77 100

105 82.1 91.6 131.6#

106 71.9 102.6 142.6#

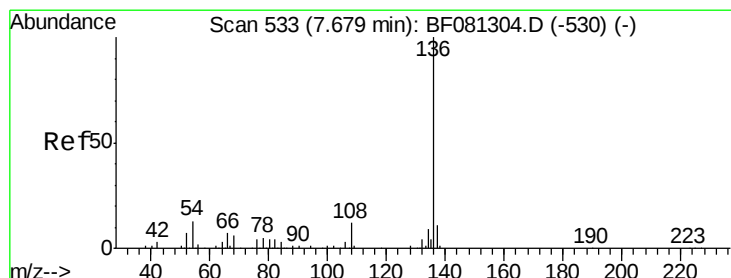
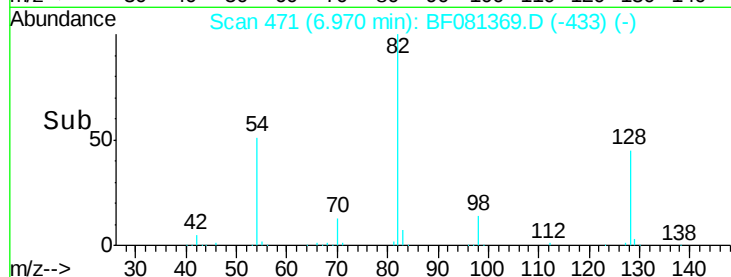
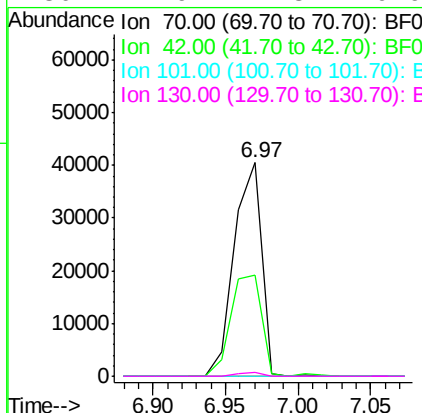
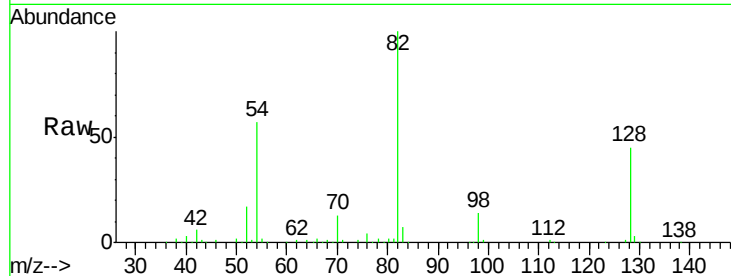




#19
n-Nitroso-di-n-propylamine
Concen: 16.18 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.14 min
Lab File: BF081369.D
Acq: 3 Sep 2015 1:54

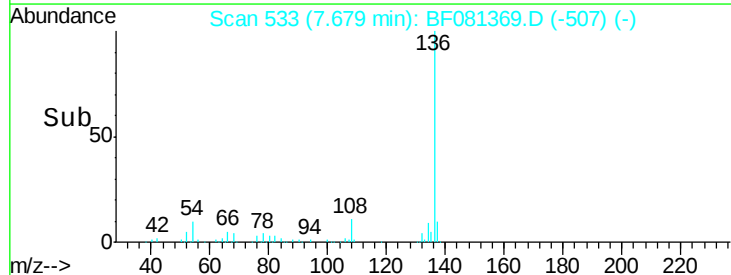
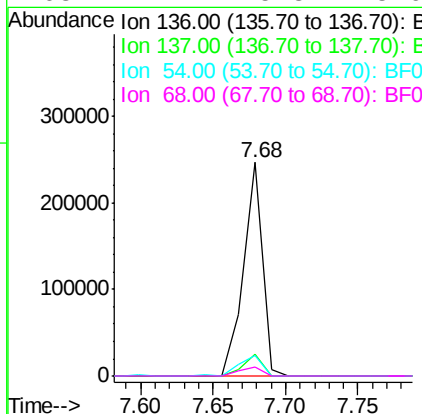
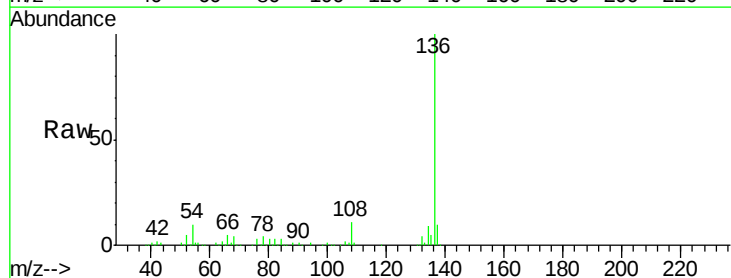
Instrument :
BNA_F
ClientSampleId :
ERD-45-DISCHARGE-B2-090115

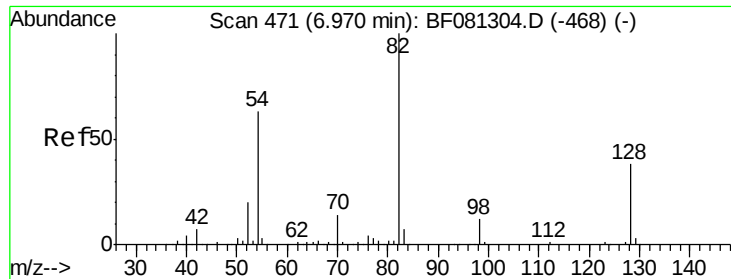
Tot Ion: 70 Resp: 53184
Ion Ratio Lower Upper
70 100
42 47.2 63.8 95.6#
101 0.0 9.2 13.8#
130 1.9 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081369.D
Acq: 3 Sep 2015 1:54

Tgt Ion: 136 Resp: 224176
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 9.8 8.2 12.2
68 4.4 5.8 8.6#

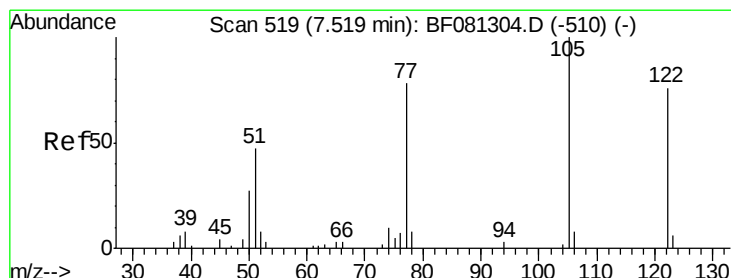
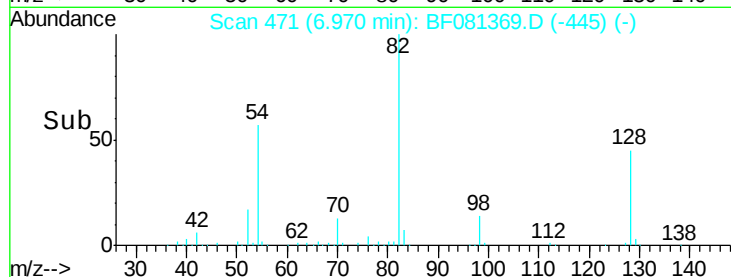
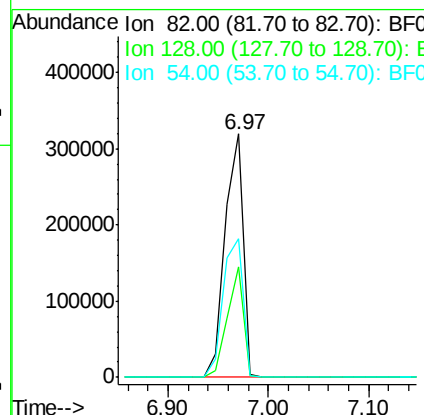
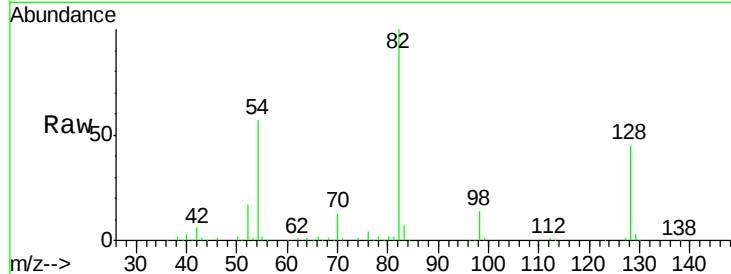




#23
 Nitrobenzene-d5
 Concen: 86.43 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081369.D
 Acq: 3 Sep 2015 1:54

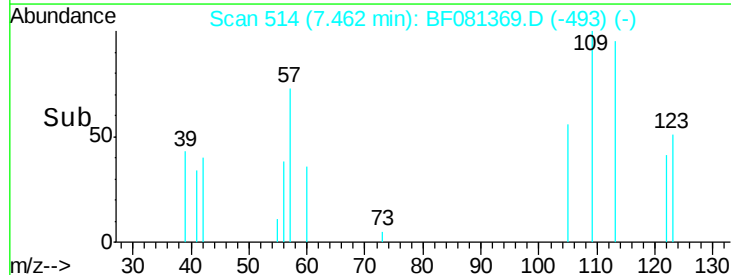
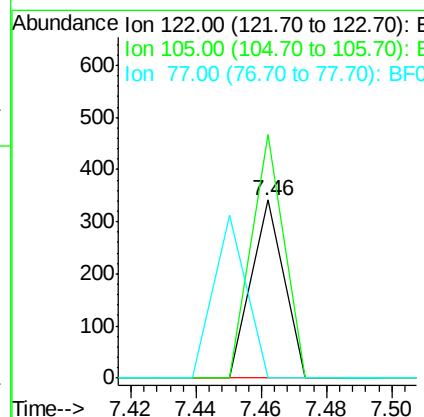
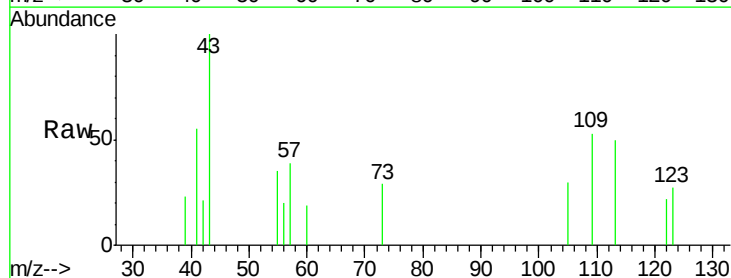
Instrument :
 BNA_F
 ClientSampleId :
 ERD-45-DISCHARGE-B2-090115

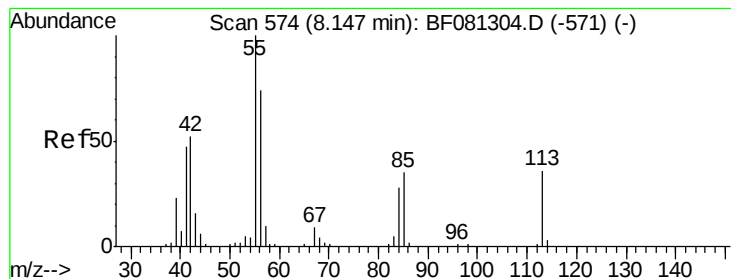
Tot Ion: 82 Resp: 401579
 Ion Ratio Lower Upper
 82 100
 128 45.3 51.0 76.6#
 54 57.0 47.5 71.3



#32
 Benzoic acid
 Concen: 2.63 ng
 RT: 7.46 min Scan# 514
 Delta R.T. -0.06 min
 Lab File: BF081369.D
 Acq: 3 Sep 2015 1:54

Tgt Ion: 122 Resp: 234
 Ion Ratio Lower Upper
 122 100
 105 137.0 76.1 116.1#
 77 0.0 40.5 80.5#





#35

Caprolactam

Concen: 4.77 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.10 min

Lab File: BF081369.D

Acq: 3 Sep 2015 1:54

Instrument :

BNA_F

ClientSampleId :

ERD-45-DISCHARGE-B2-090115

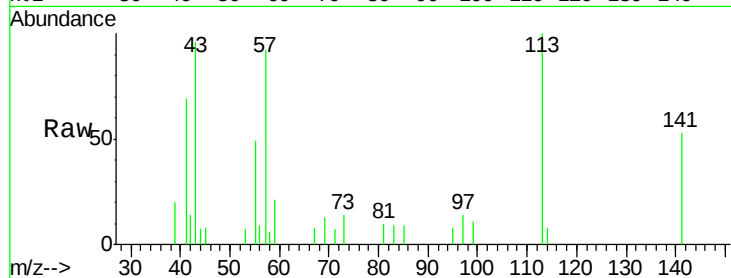
Tot Ion:113 Resp: 4604

Ion Ratio Lower Upper

113 100

55 49.4 152.4 192.4#

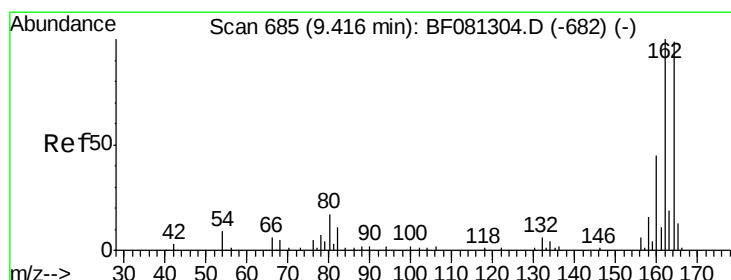
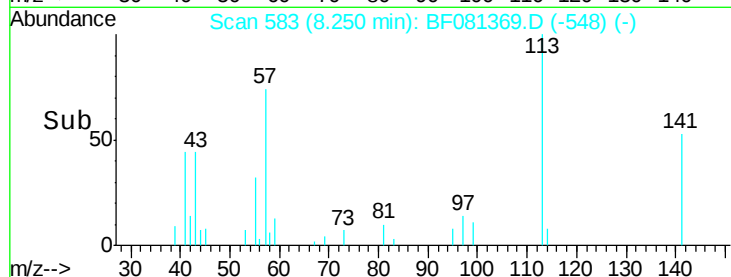
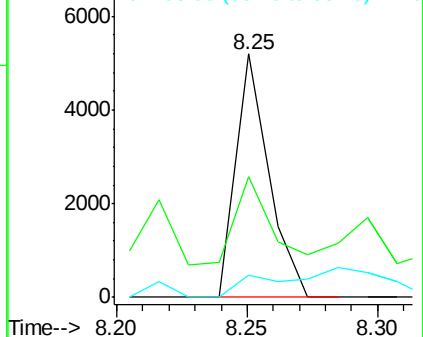
56 9.3 104.6 144.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081369.D

Acq: 3 Sep 2015 1:54

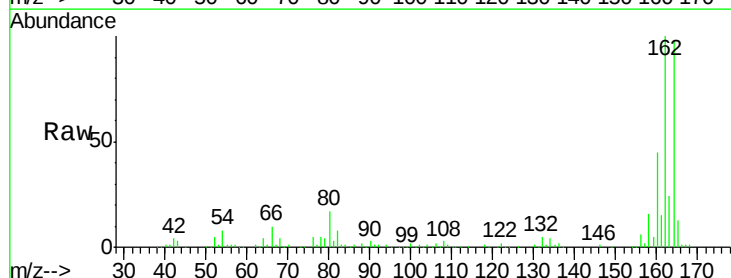
Tgt Ion:164 Resp: 103699

Ion Ratio Lower Upper

164 100

162 101.5 75.2 112.8

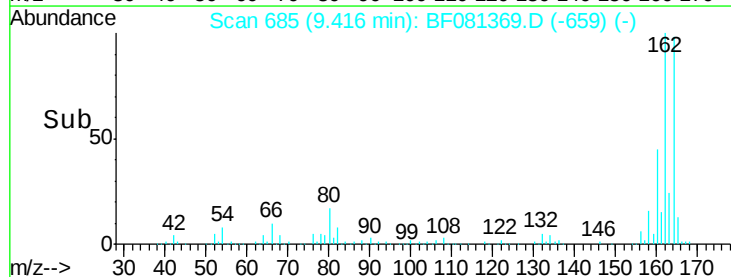
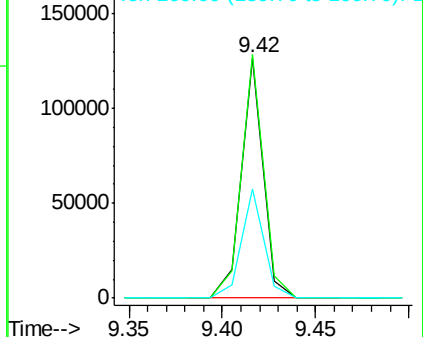
160 45.6 31.5 47.3

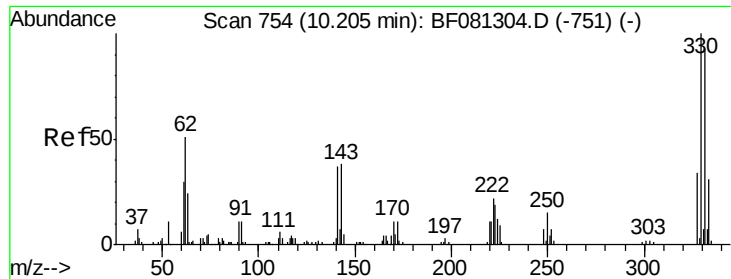


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

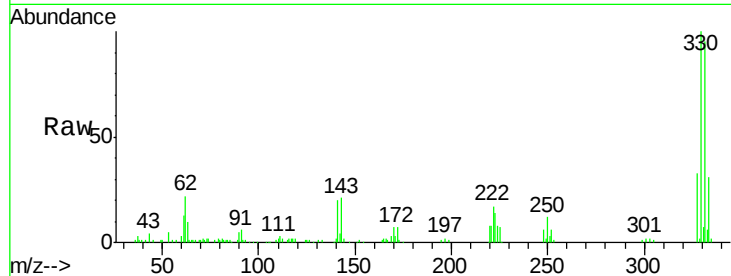




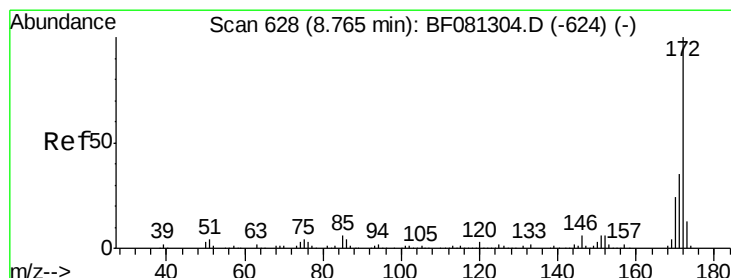
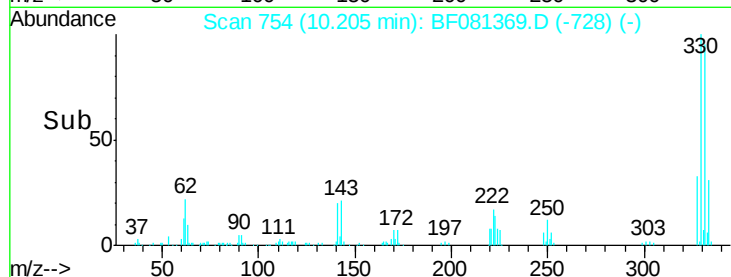
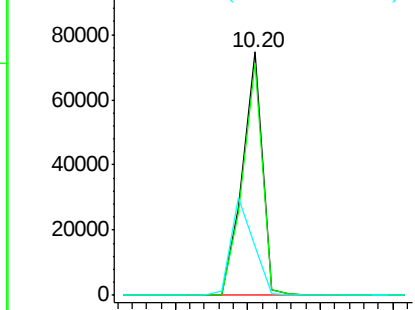
#41
 2,4,6-Tribromophenol
 Concen: 77.63 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081369.D
 Acq: 3 Sep 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 ERD-45-DISCHARGE-B2-090115

Tot Ion:330 Resp: 71682
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 44.6 29.7 44.5#

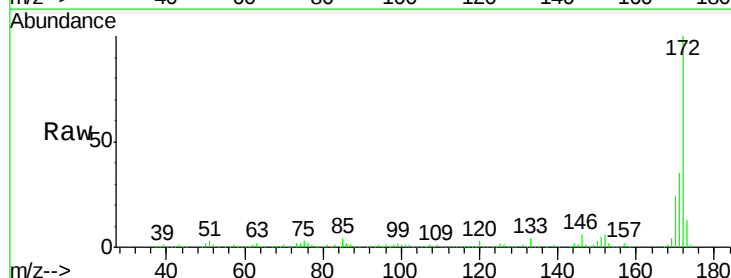


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

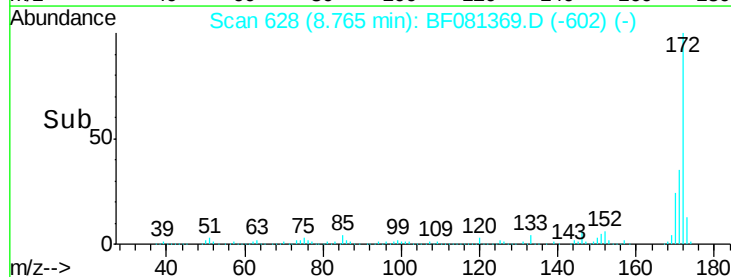
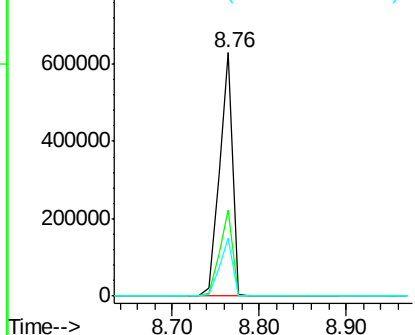


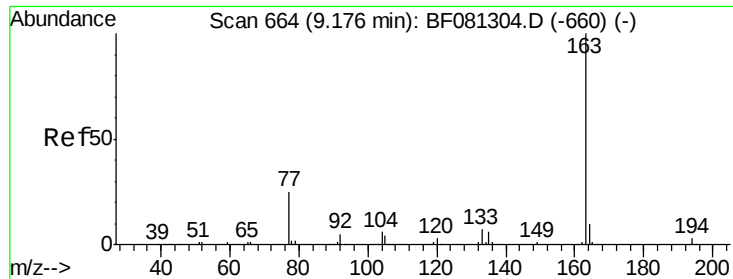
#44
 2-Fluorobiphenyl
 Concen: 82.75 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081369.D
 Acq: 3 Sep 2015 1:54

Tgt Ion:172 Resp: 669599
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.1 39.1
 170 23.7 17.4 26.2



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

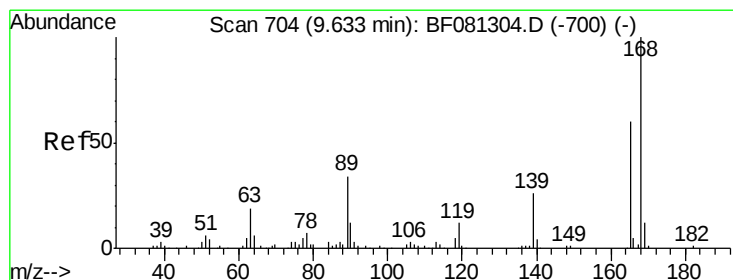
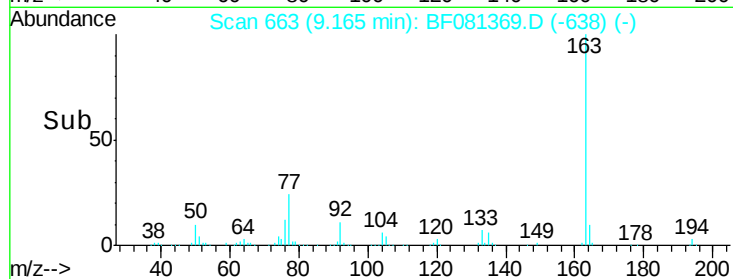
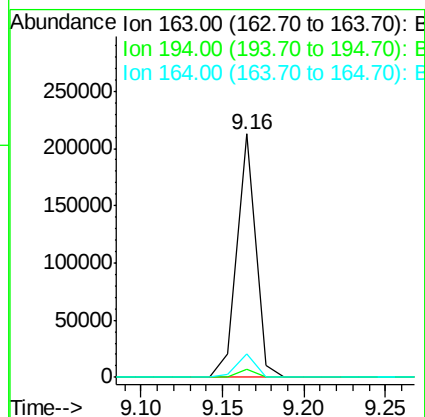
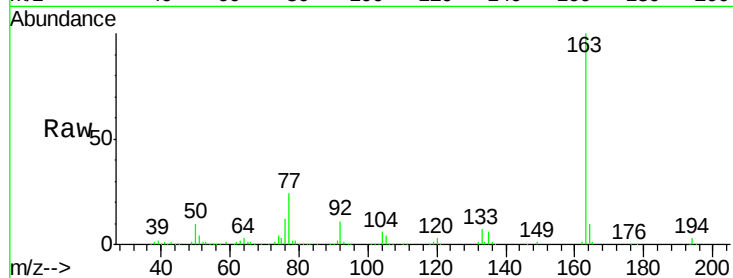




#49
Dimethylphthalate
Concen: 20.81 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081369.D
Acq: 3 Sep 2015 1:54

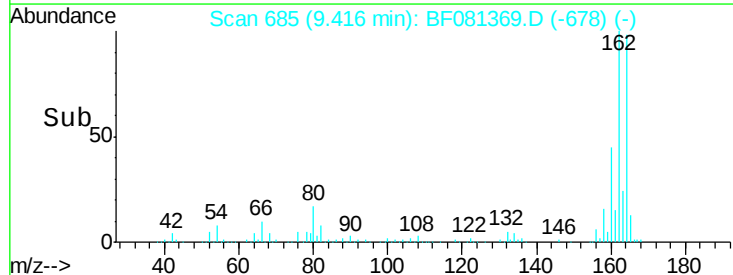
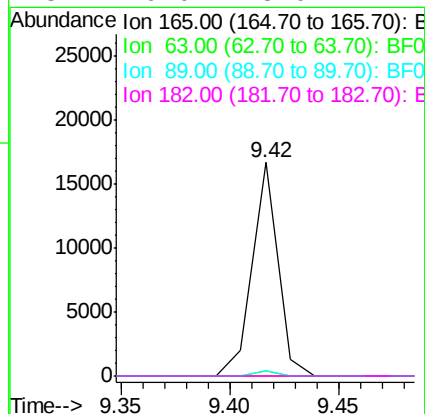
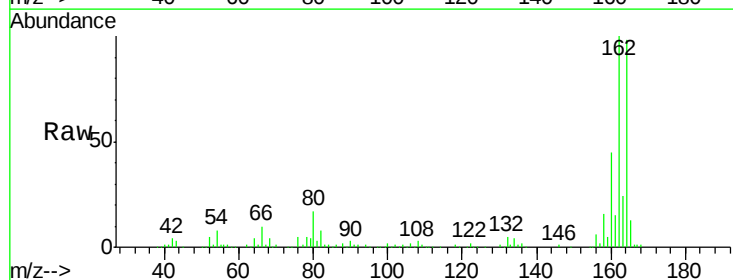
Instrument :
BNA_F
ClientSampleId :
ERD-45-DISCHARGE-B2-090115

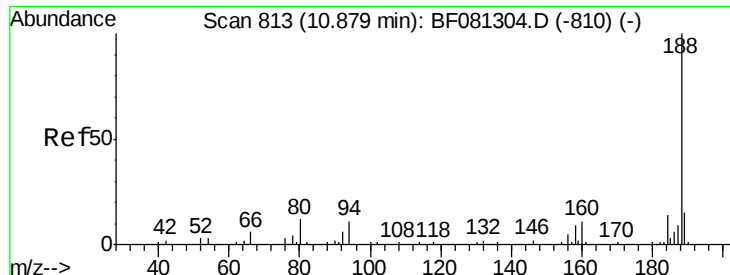
Tot Ion:163 Resp: 167625
Ion Ratio Lower Upper
163 100
194 3.1 4.4 6.6#
164 9.9 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.90 ng
RT: 9.42 min Scan# 685
Delta R.T. -0.22 min
Lab File: BF081369.D
Acq: 3 Sep 2015 1:54

Tgt Ion:165 Resp: 13737
Ion Ratio Lower Upper
165 100
63 2.3 29.8 44.6#
89 2.3 44.5 66.7#
182 0.0 3.0 4.4#

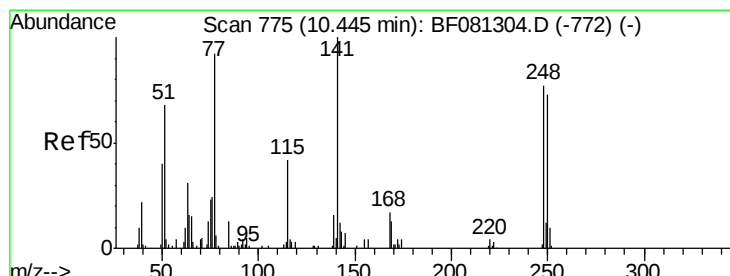
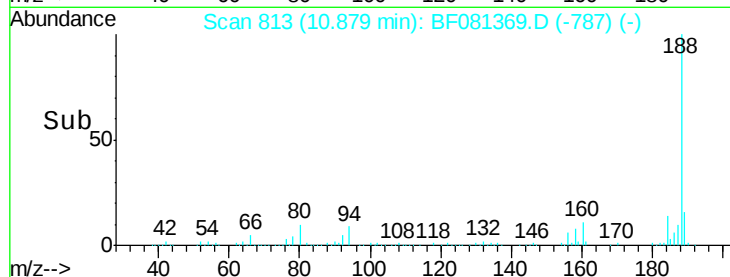
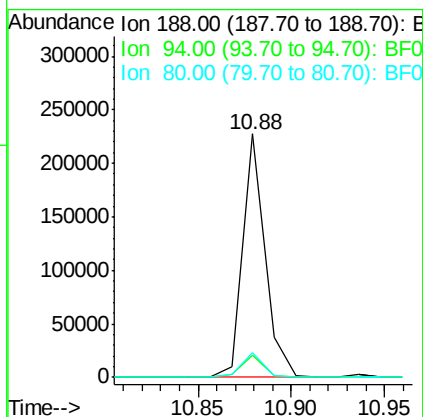
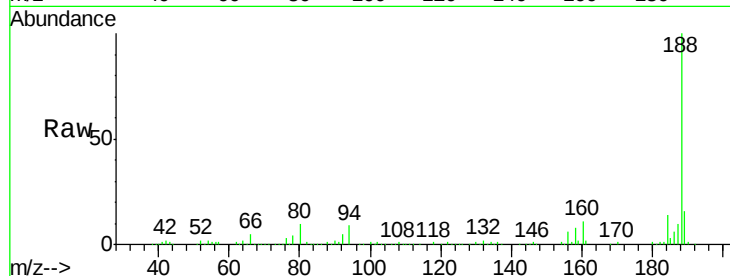




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081369.D
 Acq: 3 Sep 2015 1:54

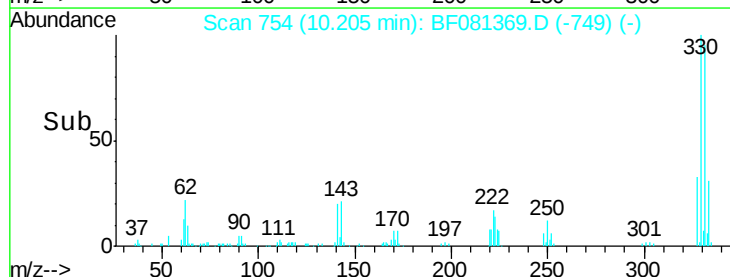
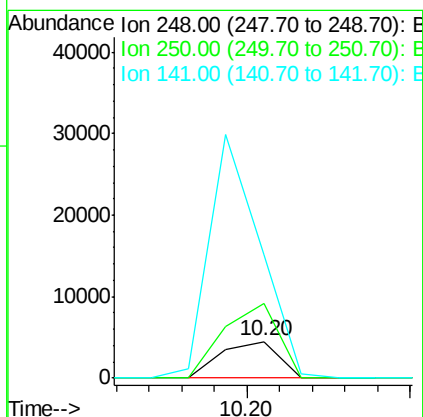
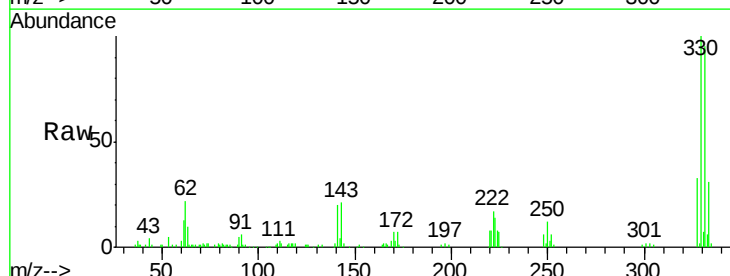
Instrument :
 BNA_F
 ClientSampleId :
 ERD-45-DISCHARGE-B2-090115

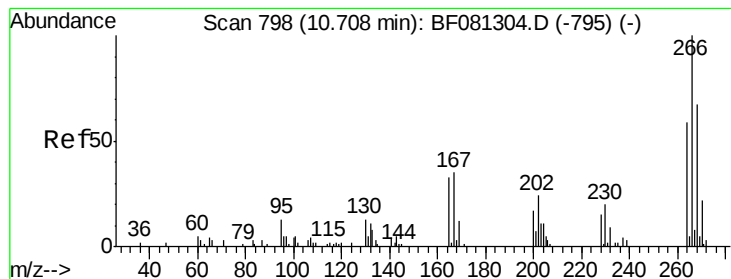
Tot Ion:188 Resp: 190380
 Ion Ratio Lower Upper
 188 100
 94 9.3 11.1 16.7#
 80 10.1 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 2.81 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.24 min
 Lab File: BF081369.D
 Acq: 3 Sep 2015 1:54

Tgt Ion:248 Resp: 5412
 Ion Ratio Lower Upper
 248 100
 250 203.9 78.5 117.7#
 141 337.7 59.0 88.6#





#69

Pentachlorophenol

Concen: 9.20 ng

RT: 10.71 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF081369.D

Acq: 3 Sep 2015 1:54

Instrument :

BNA_F

ClientSampleId :

ERD-45-DISCHARGE-B2-090115

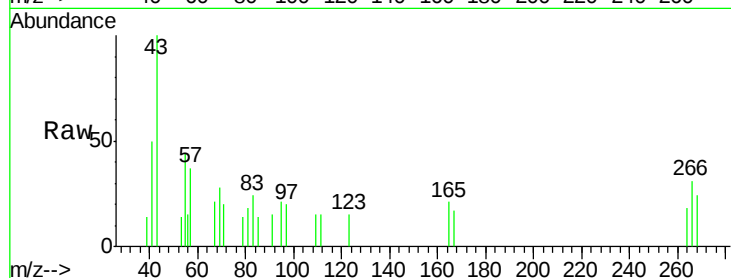
Tot Ion:266 Resp: 499

Ion Ratio Lower Upper

266 100

268 78.2 49.8 74.6#

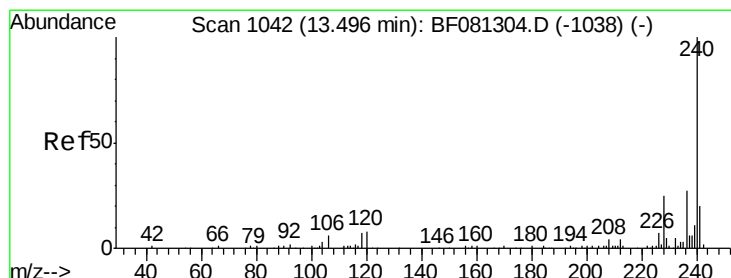
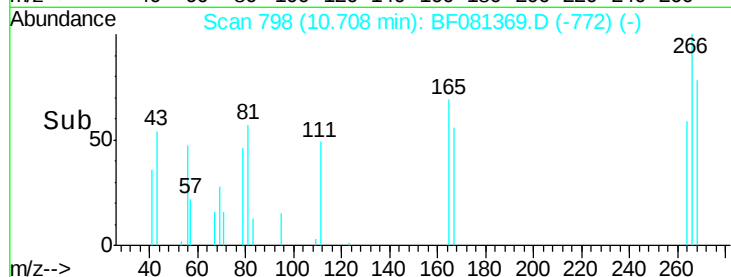
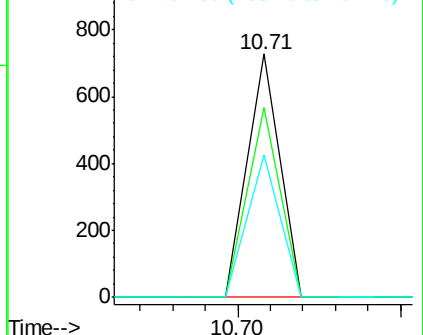
264 58.5 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF081369.D

Acq: 3 Sep 2015 1:54

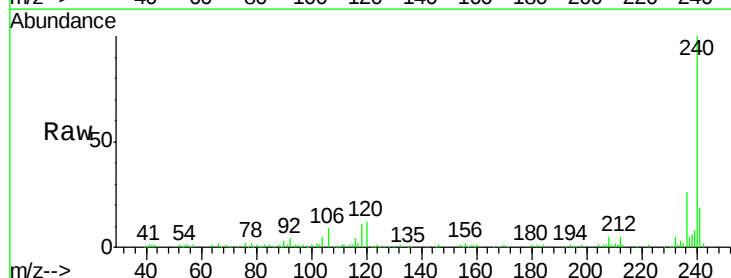
Tgt Ion:240 Resp: 137927

Ion Ratio Lower Upper

240 100

120 11.6 16.2 24.2#

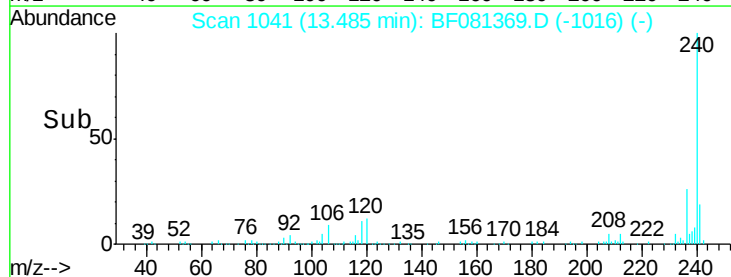
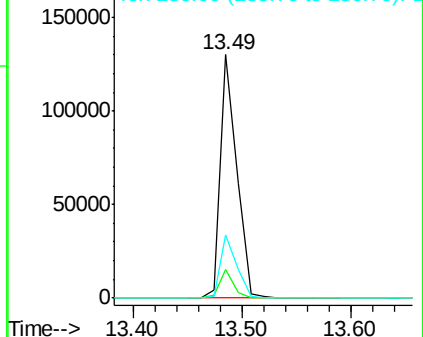
236 25.9 18.4 27.6

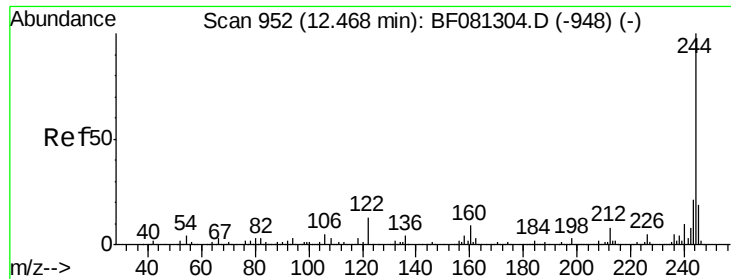


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

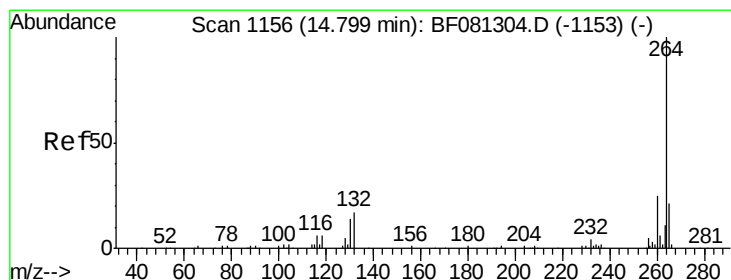
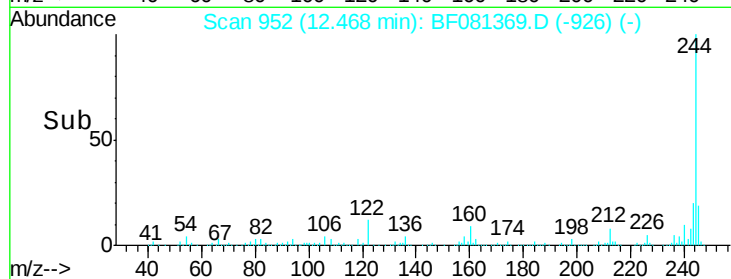
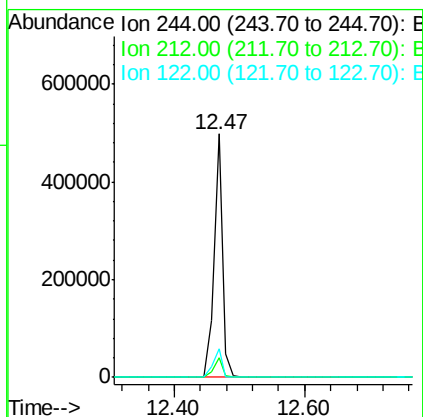
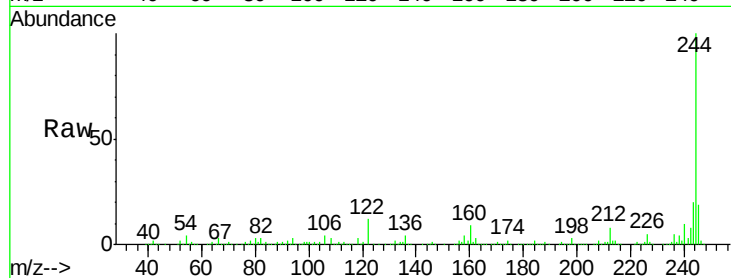




#78
 Terphenyl-d14
 Concen: 78.12 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081369.D
 Acq: 3 Sep 2015 1:54

Instrument :
 BNA_F
 ClientSampleId :
 ERD-45-DISCHARGE-B2-090115

Tot Ion:244 Resp: 462867
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 11.8 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081369.D
 Acq: 3 Sep 2015 1:54

Tgt Ion:264 Resp: 100863
 Ion Ratio Lower Upper
 264 100
 260 22.7 16.7 25.1
 265 21.7 17.2 25.8

