

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081368.D
 Acq On : 3 Sep 2015 1:23
 Operator : UM/IZ
 Sample : G3525-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ERD-45-DISCHARGE-B1-090115

Quant Time: Sep 03 02:05:46 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

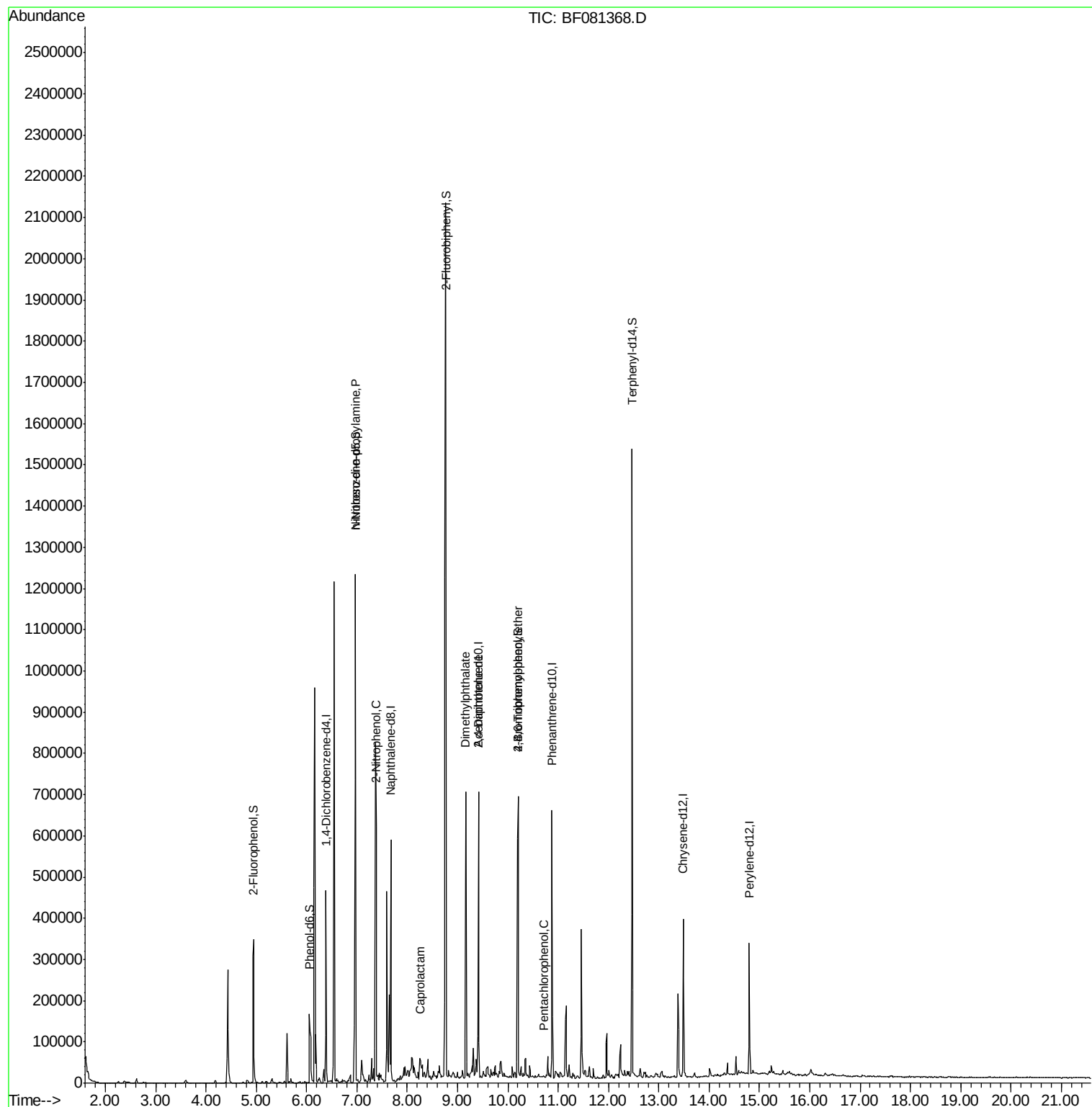
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	64837	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	258668	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	121920	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	224457	20.00	ng	0.00
75) Chrysene-d12	13.49	240	167496	20.00	ng	-0.01
86) Perylene-d12	14.80	264	113342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.95	112	128129	30.66	ng	0.02
7) Phenol-d6	6.06	99	93671	16.93	ng	0.00
23) Nitrobenzene-d5	6.97	82	476515	88.88	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	94075	86.66	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	799284	84.01	ng	0.00
78) Terphenyl-d14	12.47	244	455085	63.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.97	70	67055	17.81	ng	# 59
26) 2-Nitrophenol	7.38	139	20919	8.62	ng	# 69
35) Caprolactam	8.25	113	9404	8.44	ng	# 7
49) Dimethylphthalate	9.16	163	223257	23.57	ng	# 97
56) 2,4-Dinitrotoluene	9.42	165	15410	5.63	ng	# 35
66) 4-Bromophenyl-phenylether	10.20	248	7282	3.21	ng	# 1
69) Pentachlorophenol	10.71	266	372	9.03	ng	# 68

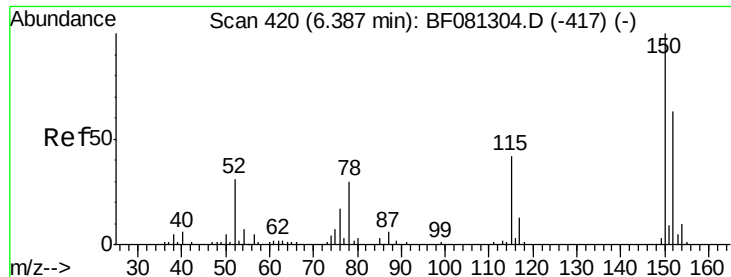
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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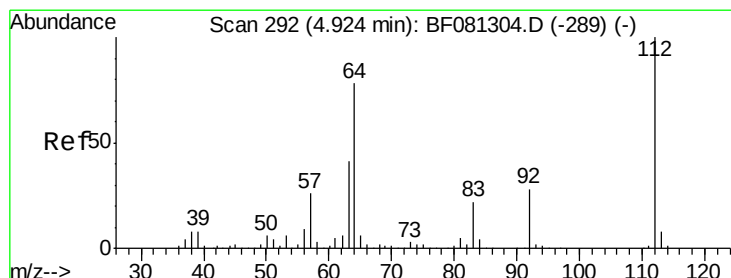
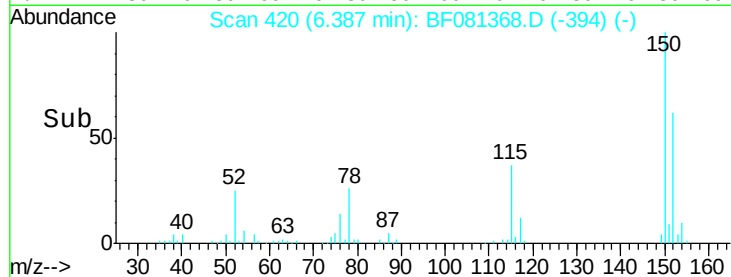
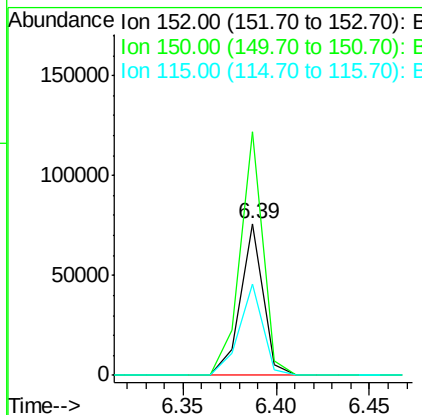
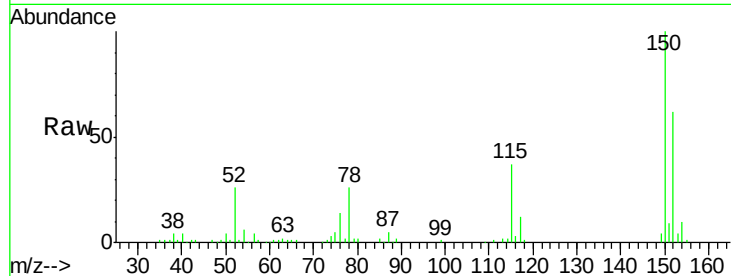


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081368.D
Acq: 3 Sep 2015 1:23

Instrument :
BNA_F
ClientSampleId :
ERD-45-DISCHARGE-B1-090115

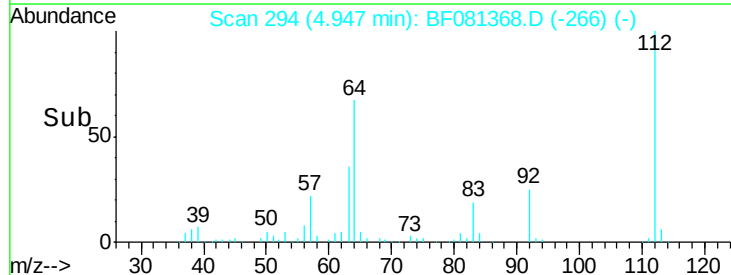
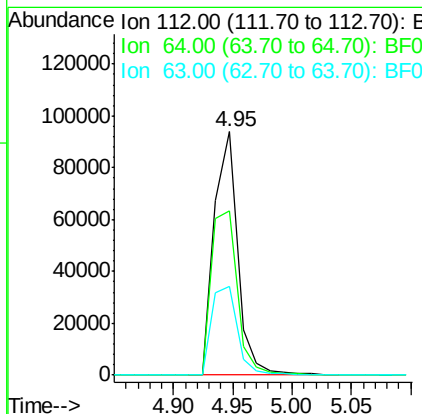
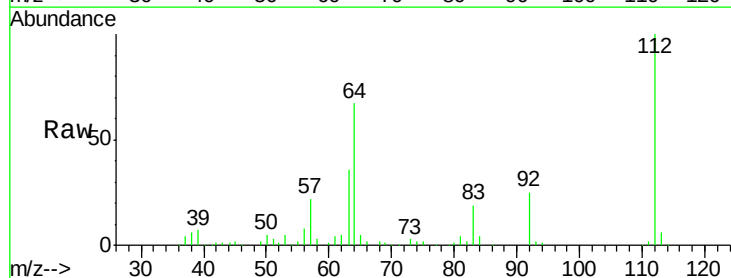
Tot Ion:152 Resp: 64837
Ion Ratio Lower Upper
152 100
150 160.2 124.7 187.1
115 59.9 39.0 58.4#

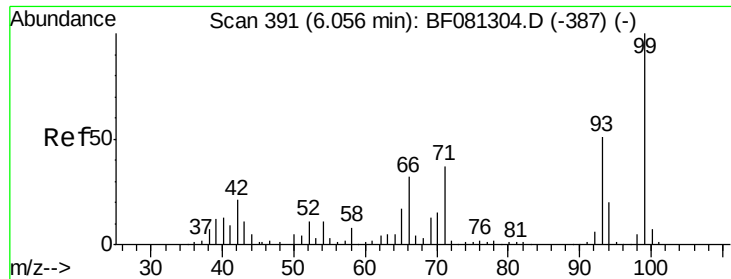


#5

2-Fluorophenol
Concen: 30.66 ng
RT: 4.95 min Scan# 294
Delta R.T. 0.02 min
Lab File: BF081368.D
Acq: 3 Sep 2015 1:23

Tgt Ion:112 Resp: 128129
Ion Ratio Lower Upper
112 100
64 67.3 39.7 59.5#
63 36.2 17.4 26.0#





#7

Phenol-d6

Concen: 16.93 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081368.D

Acq: 3 Sep 2015 1:23

Instrument :

BNA_F

ClientSampleId :

ERD-45-DISCHARGE-B1-090115

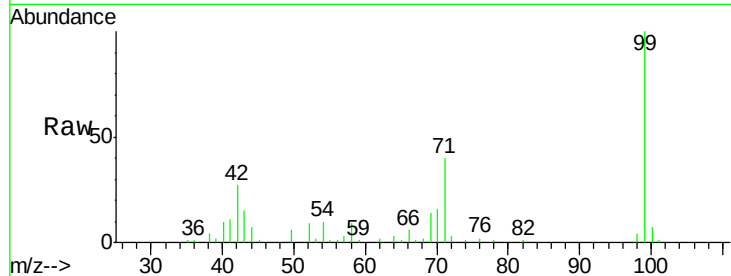
Tot Ion: 99 Resp: 93671

Ion Ratio Lower Upper

99 100

42 26.9 13.7 20.5#

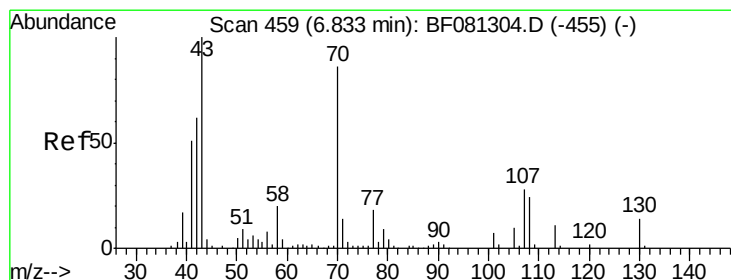
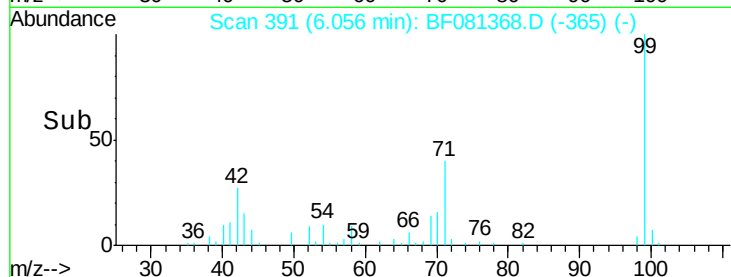
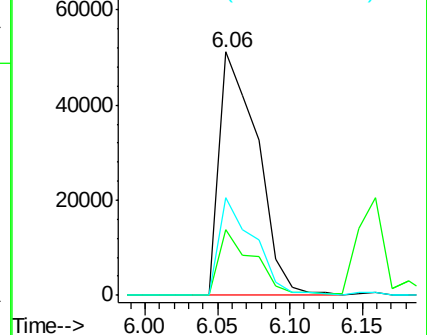
71 40.3 14.2 21.2#



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: 17.81 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.14 min

Lab File: BF081368.D

Acq: 3 Sep 2015 1:23

Tgt Ion: 70 Resp: 67055

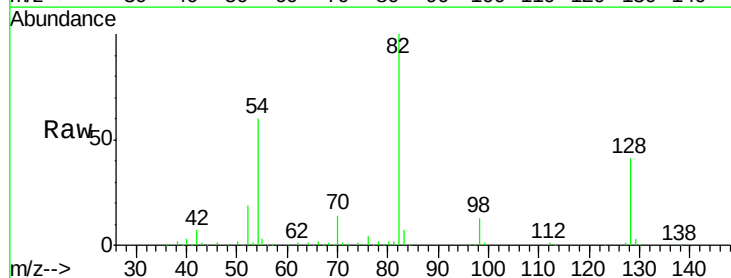
Ion Ratio Lower Upper

70 100

42 48.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

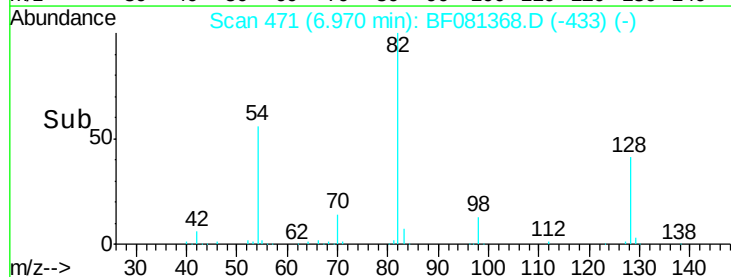
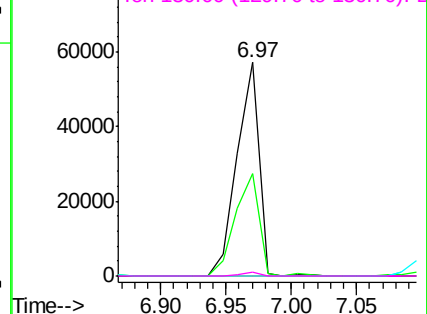


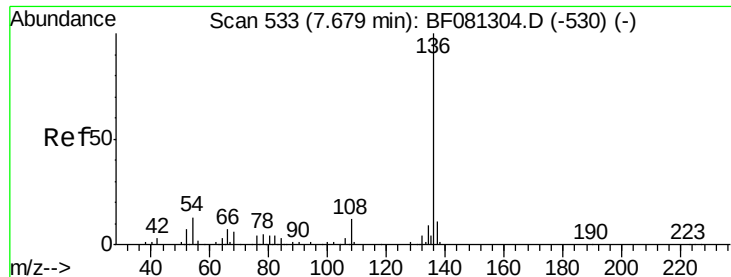
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081368.D

Acq: 3 Sep 2015 1:23

Instrument :

BNA_F

ClientSampleId :

ERD-45-DISCHARGE-B1-090115

Tot Ion:136 Resp: 258668

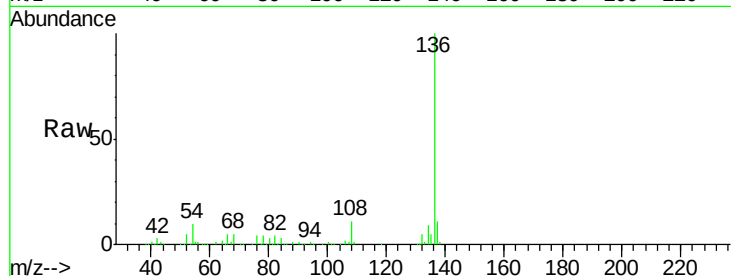
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 10.1 8.2 12.2

68 4.5 5.8 8.6#

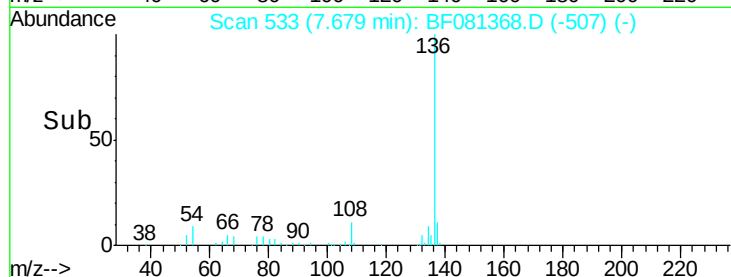


Abundance Ion 136.00 (135.70 to 136.70): E

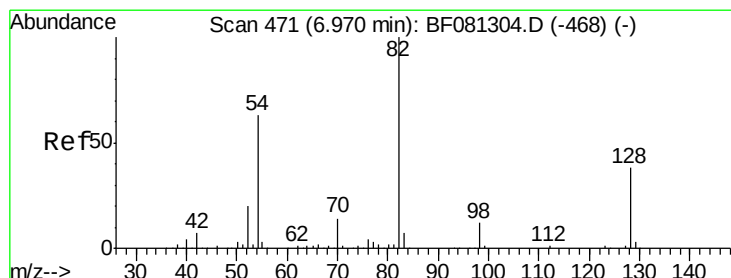
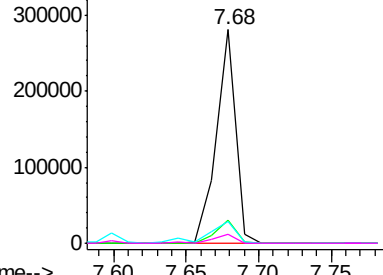
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 88.88 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081368.D

Acq: 3 Sep 2015 1:23

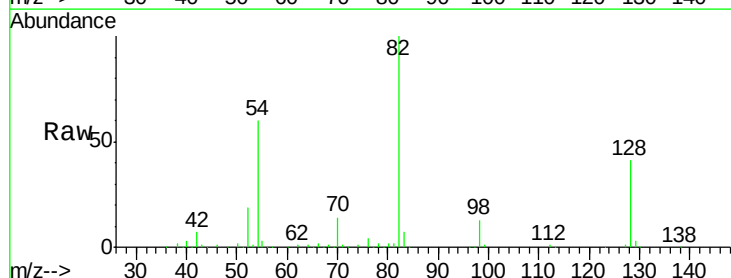
Tgt Ion: 82 Resp: 476515

Ion Ratio Lower Upper

82 100

128 41.1 51.0 76.6#

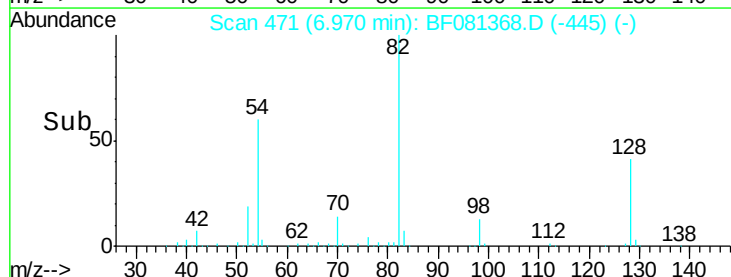
54 59.9 47.5 71.3



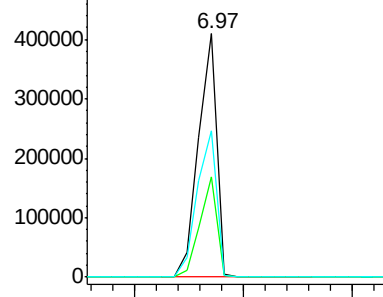
Abundance Ion 82.00 (81.70 to 82.70): BF0

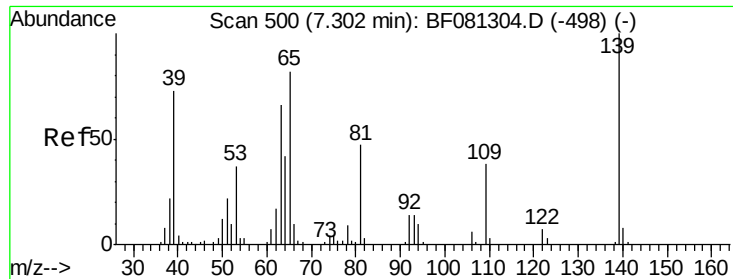
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

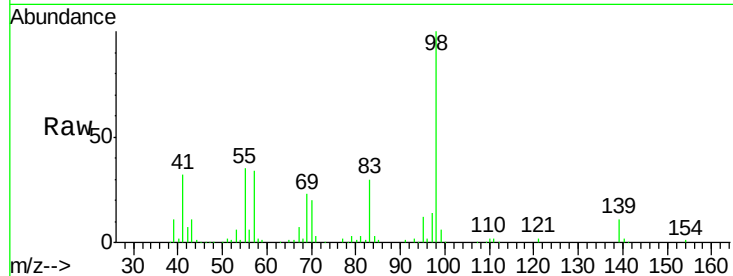




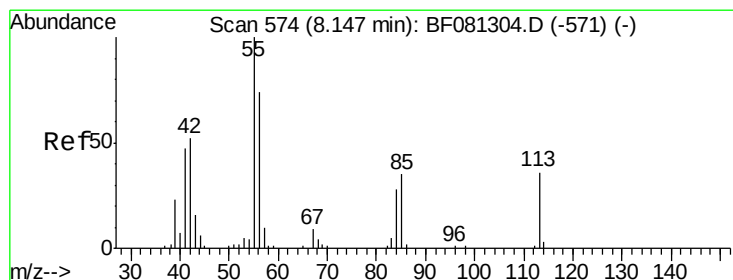
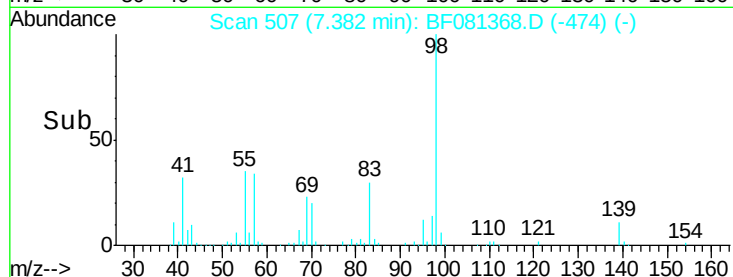
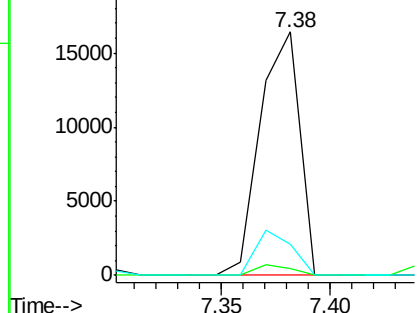
#26
2-Nitrophenol
Concen: 8.62 ng
RT: 7.38 min Scan# 507
Delta R.T. 0.08 min
Lab File: BF081368.D
Acq: 3 Sep 2015 1:23

Instrument :
BNA_F
ClientSampleId :
ERD-45-DISCHARGE-B1-090115

Tot Ion:139 Resp: 20919
Ion Ratio Lower Upper
139 100
109 3.0 11.0 16.4#
65 12.6 24.7 37.1#

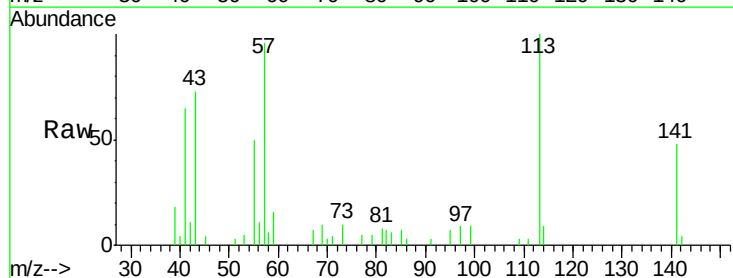


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

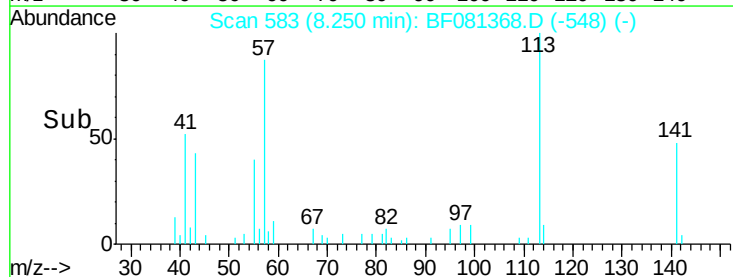
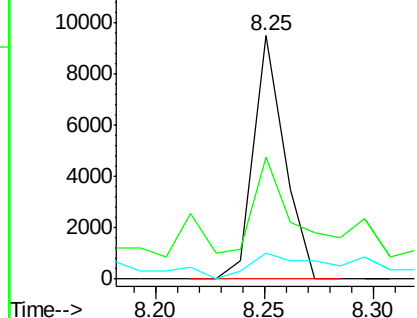


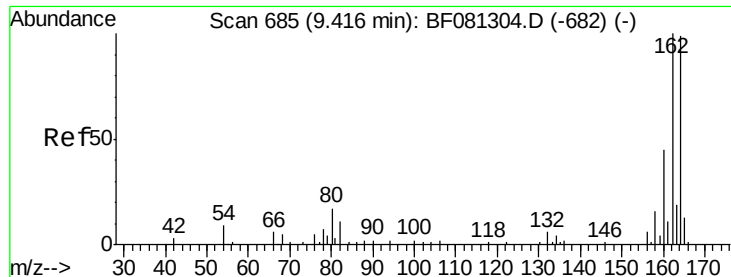
#35
Caprolactam
Concen: 8.44 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.10 min
Lab File: BF081368.D
Acq: 3 Sep 2015 1:23

Tgt Ion:113 Resp: 9404
Ion Ratio Lower Upper
113 100
55 50.1 152.4 192.4#
56 10.8 104.6 144.6#



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: BF081368.D

Acq: 3 Sep 2015 1:23

Instrument :

BNA_F

ClientSampleId :

ERD-45-DISCHARGE-B1-090115

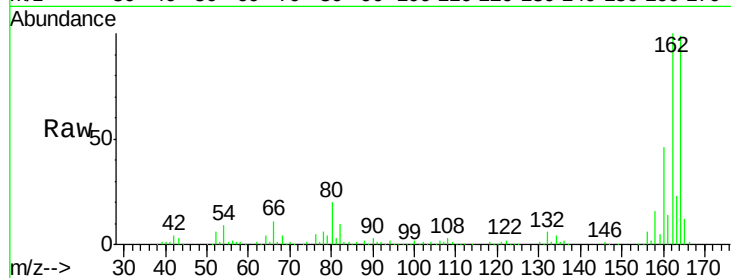
Tot Ion:164 Resp: 121920

Ion Ratio Lower Upper

164 100

162 100.7 75.2 112.8

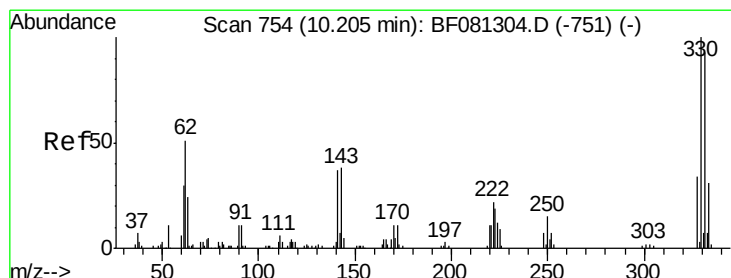
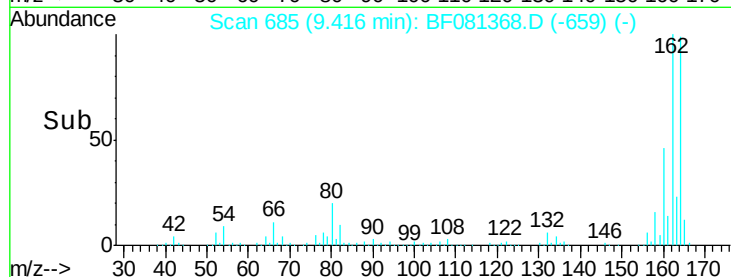
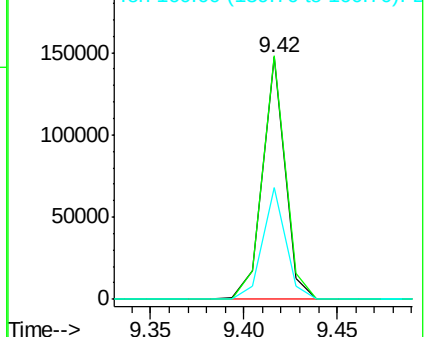
160 46.1 31.5 47.3



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: 86.66 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF081368.D

Acq: 3 Sep 2015 1:23

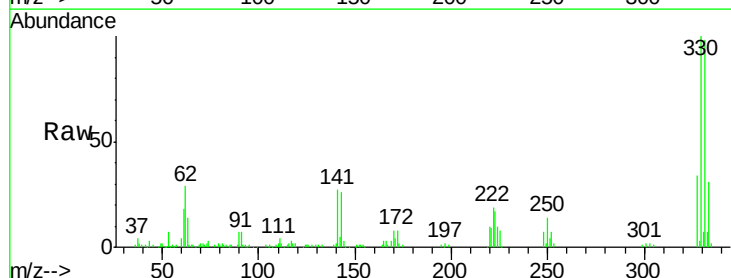
Tgt Ion:330 Resp: 94075

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

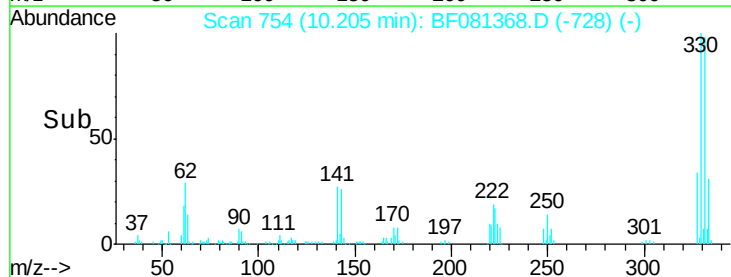
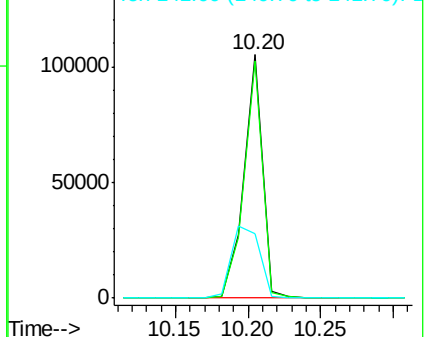
141 45.1 29.7 44.5#

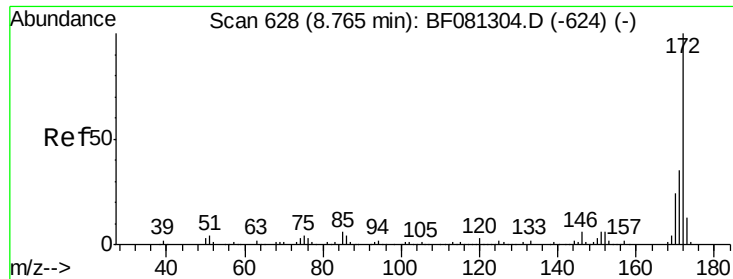


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

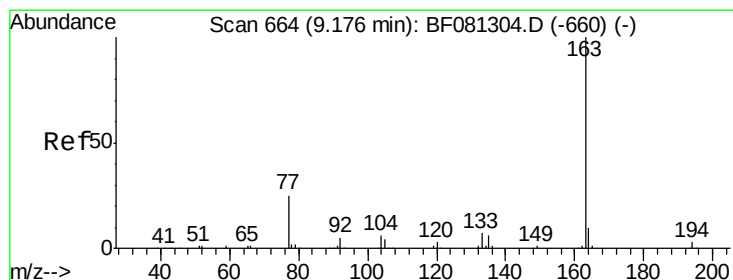
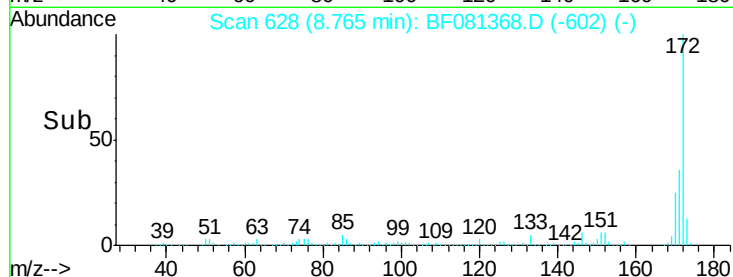
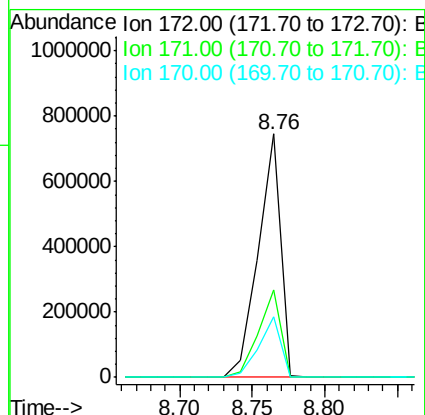
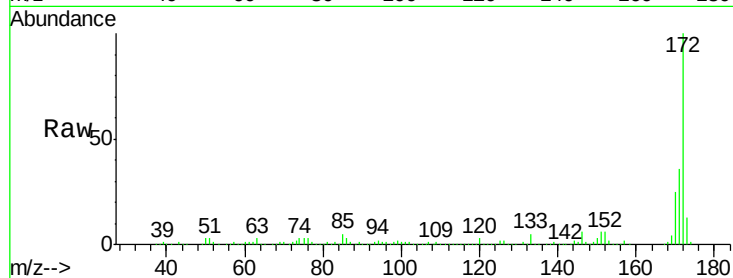




#44
2-Fluorobiphenyl
Concen: 84.01 ng
RT: 8.76 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081368.D
Acq: 3 Sep 2015 1:23

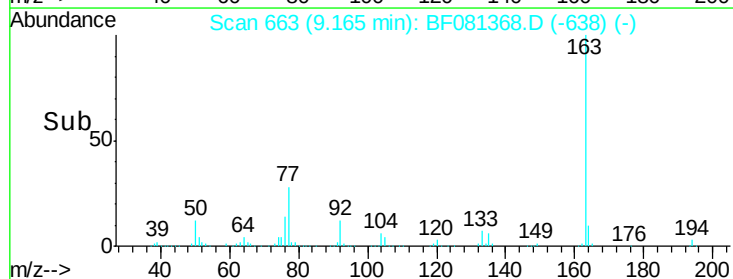
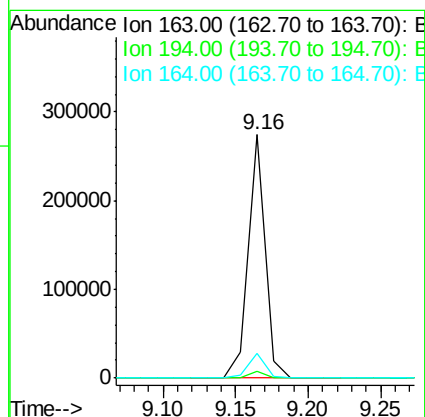
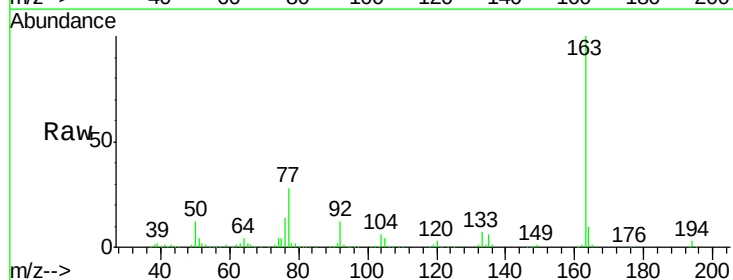
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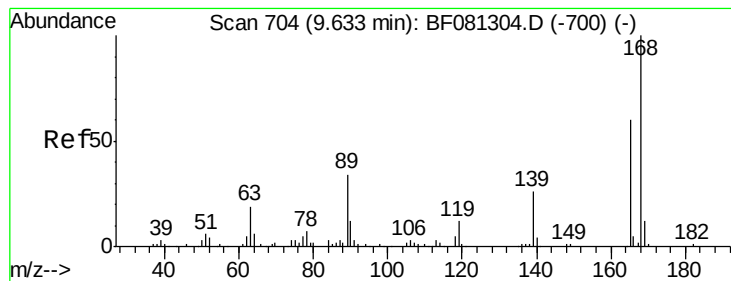
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.7	17.4	26.2



#49
Dimethylphthalate
Concen: 23.57 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081368.D
Acq: 3 Sep 2015 1:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.2	8.3	12.5





#56

2,4-Dinitrotoluene

Concen: 5.63 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.22 min

Lab File: BF081368.D

Acq: 3 Sep 2015 1:23

Instrument :

BNA_F

ClientSampleId :

ERD-45-DISCHARGE-B1-090115

Tot Ion:165 Resp: 15410

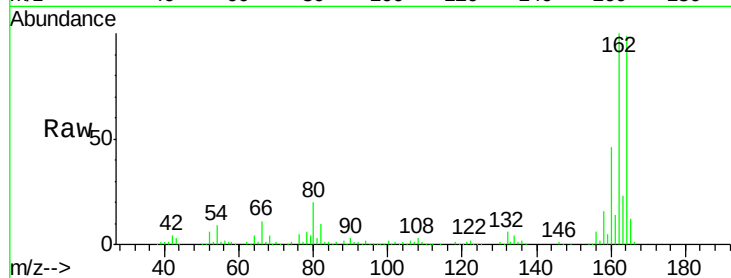
Ion Ratio Lower Upper

165 100

63 2.2 29.8 44.6#

89 2.8 44.5 66.7#

182 0.0 3.0 4.4#

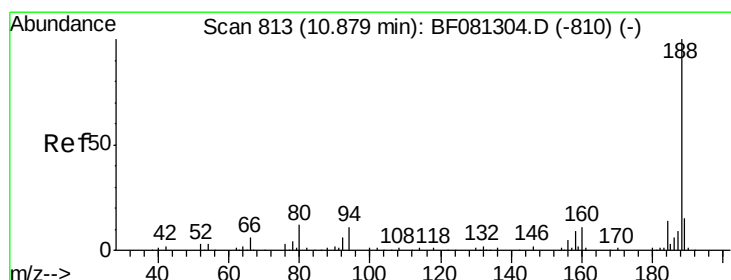
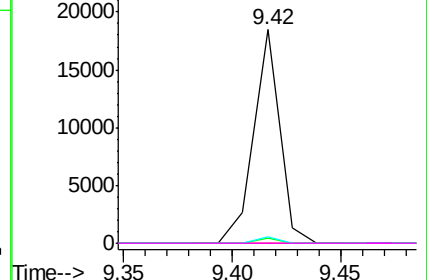
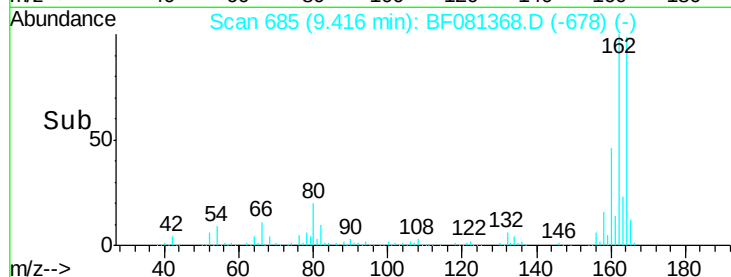


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.88 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF081368.D

Acq: 3 Sep 2015 1:23

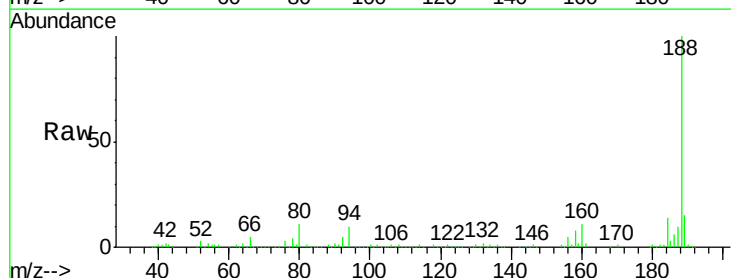
Tgt Ion:188 Resp: 224457

Ion Ratio Lower Upper

188 100

94 9.6 11.1 16.7#

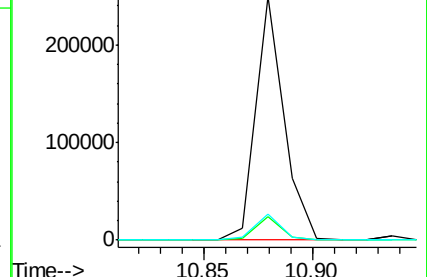
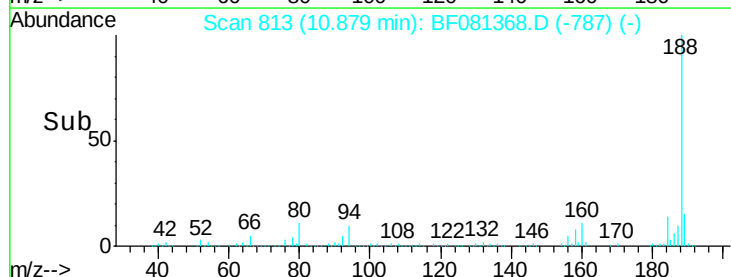
80 10.8 11.0 16.4#

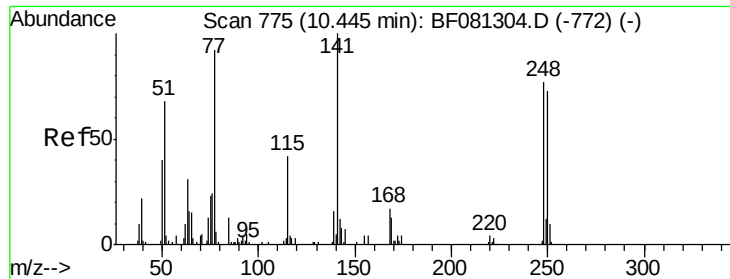


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

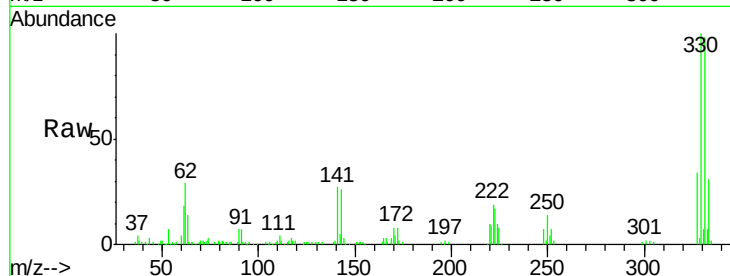




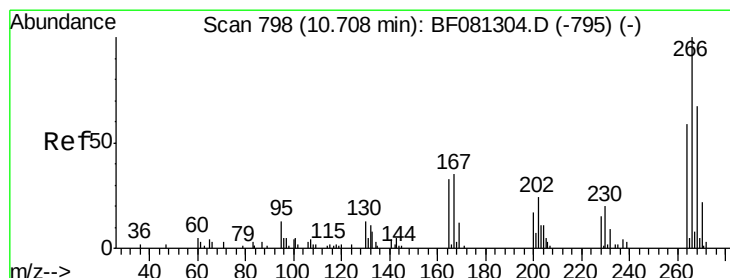
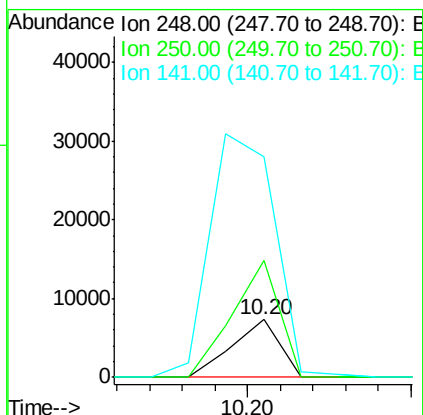
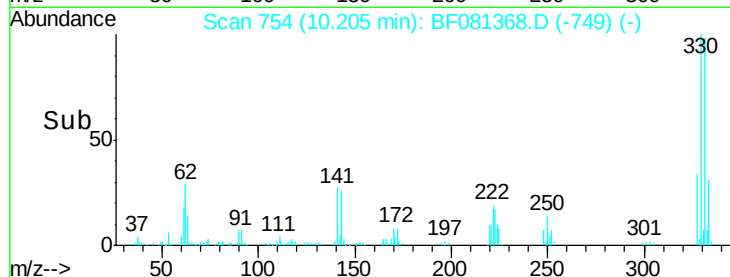
#66
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.24 min
Lab File: BF081368.D
Acq: 3 Sep 2015 1:23

Instrument :
BNA_F
ClientSampleId :
ERD-45-DISCHARGE-B1-090115

Tot Ion:248 Resp: 7282
Ion Ratio Lower Upper
248 100
250 203.0 78.5 117.7#
141 384.0 59.0 88.6#

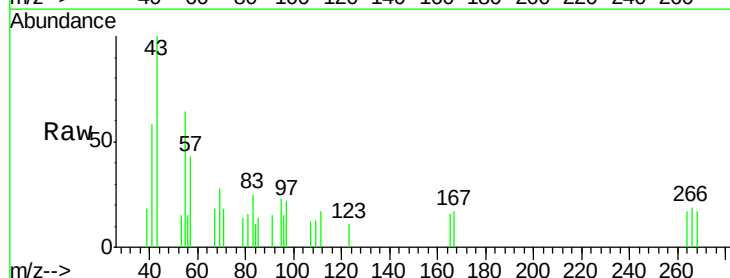


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

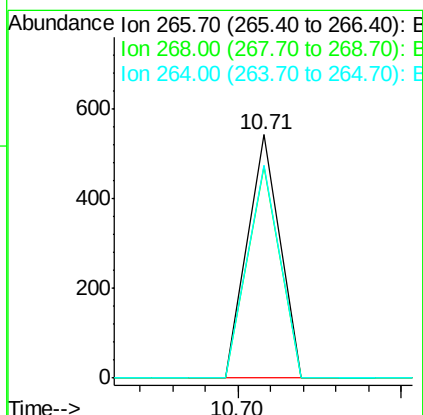
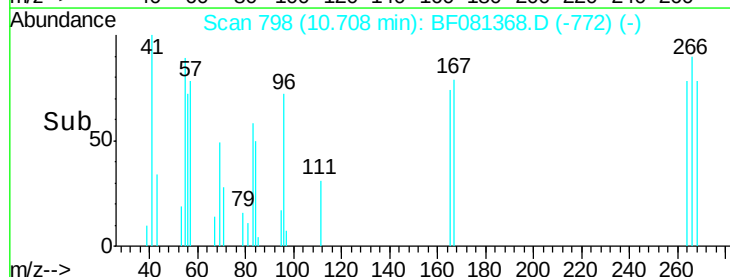


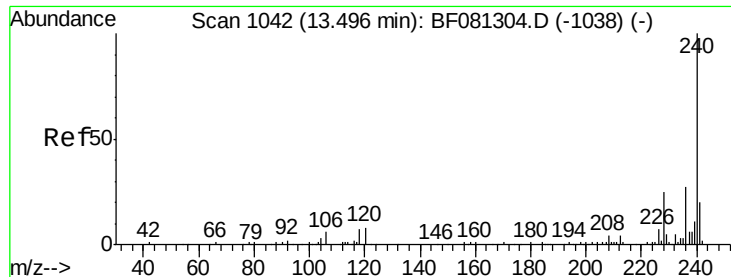
#69
Pentachlorophenol
Concen: 9.03 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF081368.D
Acq: 3 Sep 2015 1:23

Tgt Ion:266 Resp: 372
Ion Ratio Lower Upper
266 100
268 87.1 49.8 74.6#
264 87.3 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: BF081368.D

Acq: 3 Sep 2015 1:23

Instrument :

BNA_F

ClientSampleId :

ERD-45-DISCHARGE-B1-090115

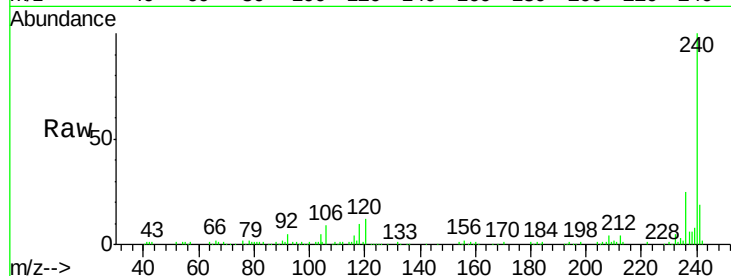
Tot Ion:240 Resp: 167496

Ion Ratio Lower Upper

240 100

120 12.1 16.2 24.2#

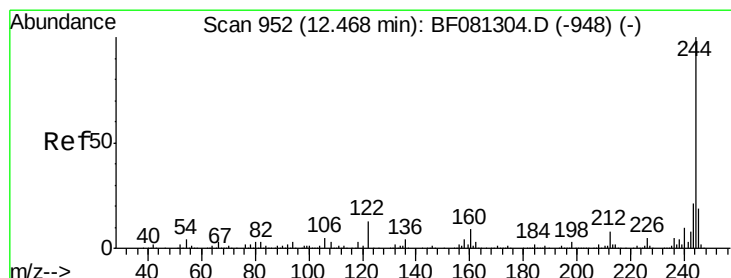
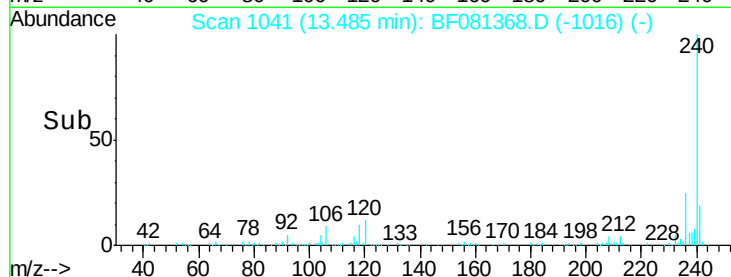
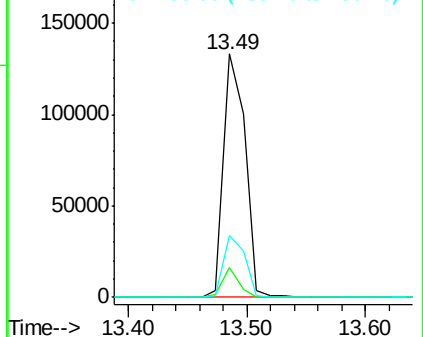
236 25.4 18.4 27.6



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: 63.25 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF081368.D

Acq: 3 Sep 2015 1:23

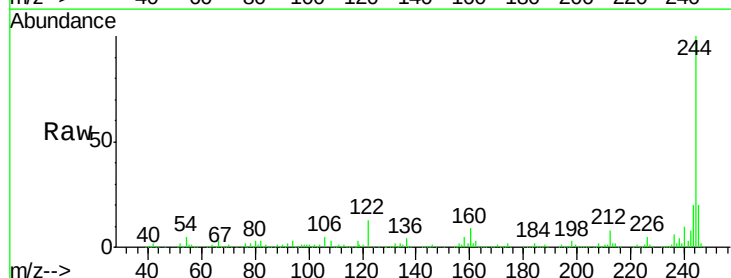
Tgt Ion:244 Resp: 455085

Ion Ratio Lower Upper

244 100

212 8.3 4.3 6.5#

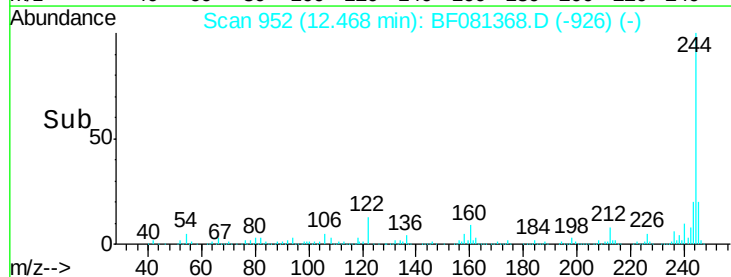
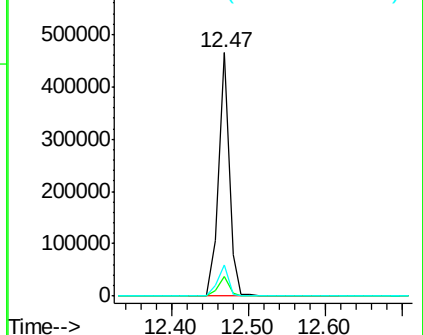
122 12.6 17.4 26.2#

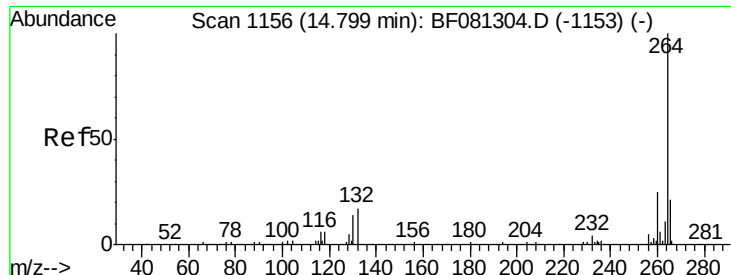


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlène-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081368.D
Acq: 3 Sep 2015 1:23

Instrument :
BNA_F
ClientSampleId :
ERD-45-DISCHARGE-B1-090115

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	21.2	17.2	25.8

