

Data Path : Z:\HPCHEM1\BNA F\Data\BF020216\
 Data File : BF084782.D
 Acq On : 3 Feb 2016 9:26
 Operator : SJ/IZ
 Sample : H1313-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-27-012916

Quant Time: Feb 03 09:56:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	185651	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	821156	20.00	ng	-0.03
38) Acenaphthene-d10	9.73	164	378752	20.00	ng	-0.03
63) Phenanthrene-d10	11.22	188	715846	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	546743	20.00	ng	-0.02
86) Perylene-d12	15.22	264	393001	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1493497	125.30	ng	0.00
7) Phenol-d6	6.35	99	1542255	104.37	ng	-0.02
23) Nitrobenzene-d5	7.26	82	1123518	77.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.52	330	526165	133.18	ng	-0.03
44) 2-Fluorobiphenyl	9.07	172	2266972	113.50	ng	-0.02
78) Terphenyl-d14	12.81	244	2132235	88.37	ng	-0.02

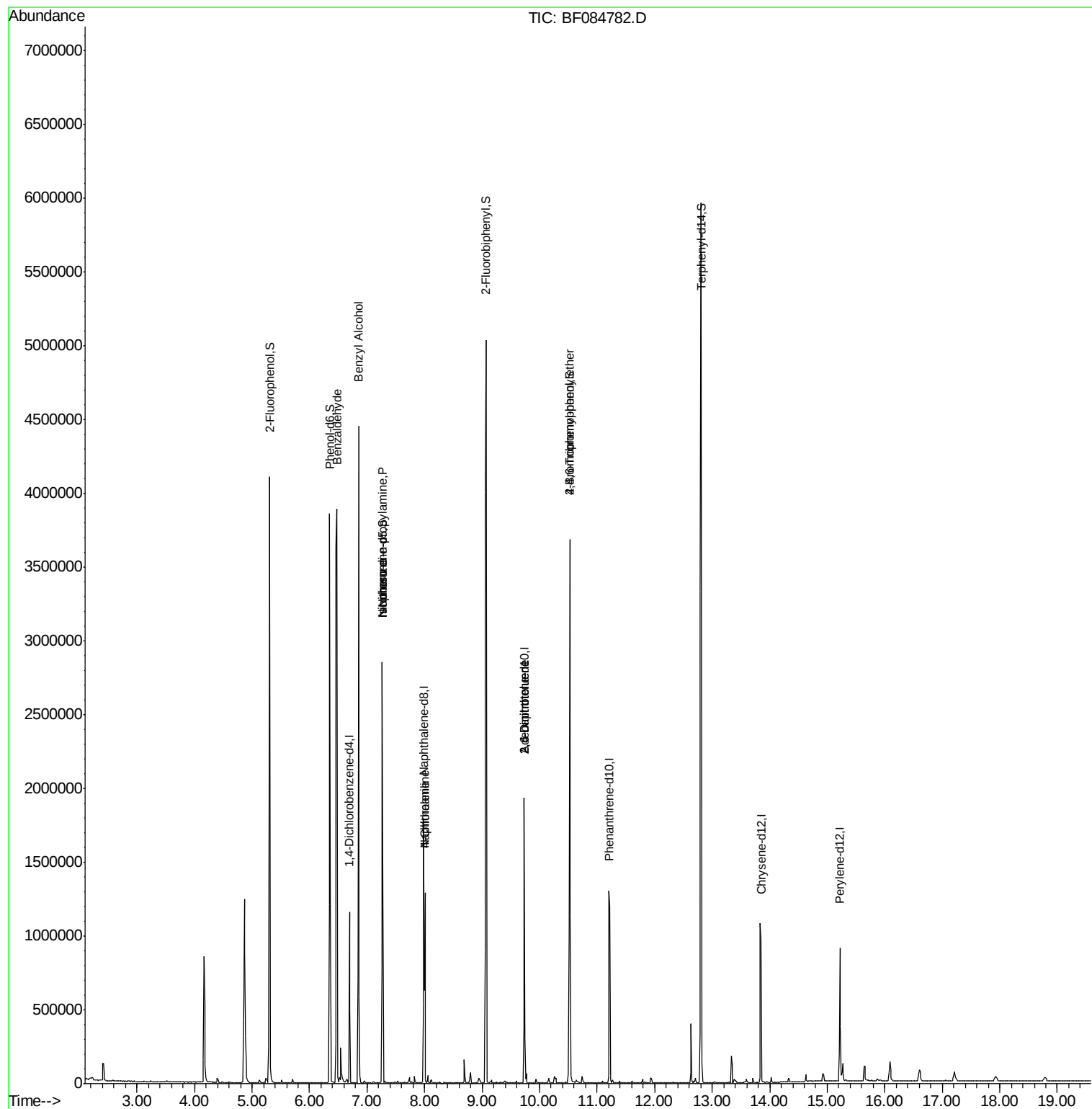
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	36111	4.14	ng	89
15) Benzyl Alcohol	6.85	79	20409	2.00	ng	# 48
19) n-Nitroso-di-n-propylamine	7.26	70	149475	16.14	ng	# 71
25) Isophorone	7.26	82	938844	33.12	ng	# 66
31) Naphthalene	8.01	128	636784	15.46	ng	99
33) 4-Chloroaniline	8.01	127	83981	4.93	ng	# 33
50) 2,6-Dinitrotoluene	9.73	165	50912	8.08	ng	# 37
56) 2,4-Dinitrotoluene	9.73	165	50912	6.33	ng	# 21
66) 4-Bromophenyl-phenylether	10.52	248	30652	3.88	ng	# 1

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

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HSR-WC-27-012916

Quant Time: Feb 03 09:56:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
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QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-27-012916

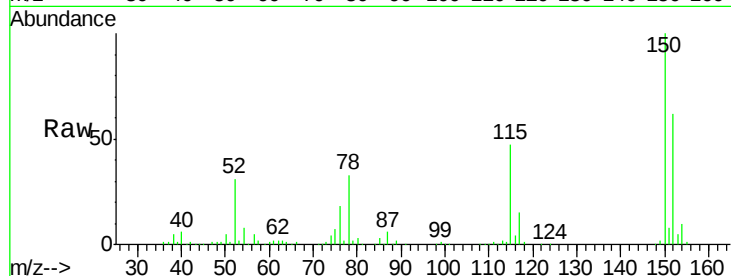
Tot Ion:152 Resp: 185651

Ion Ratio Lower Upper

152 100

150 161.4 123.0 184.4

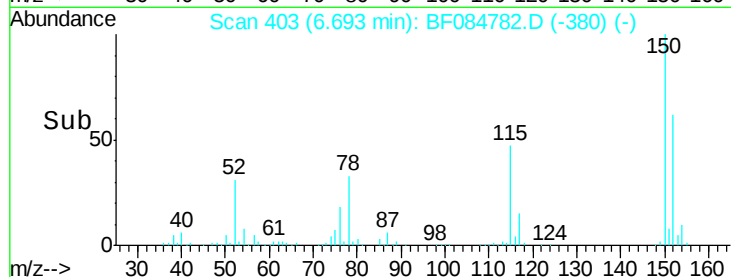
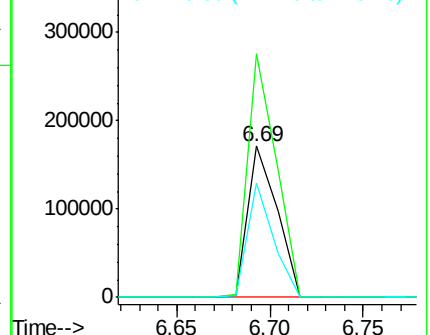
115 75.4 51.4 77.2



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: 125.30 ng

RT: 5.31 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

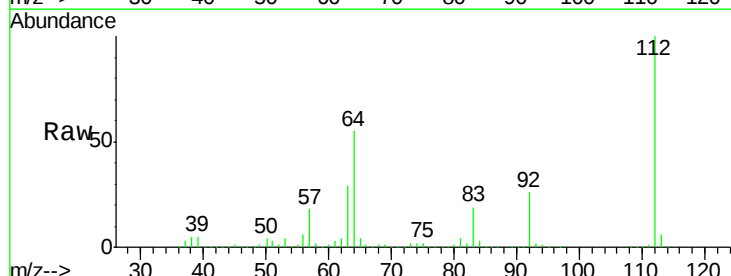
Tgt Ion:112 Resp: 1493497

Ion Ratio Lower Upper

112 100

64 54.7 36.6 55.0

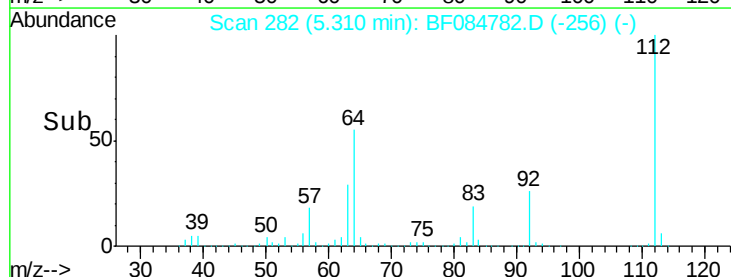
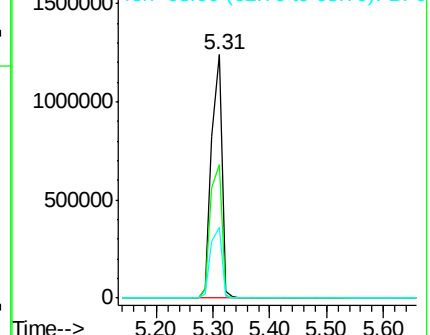
63 29.2 19.4 29.0#

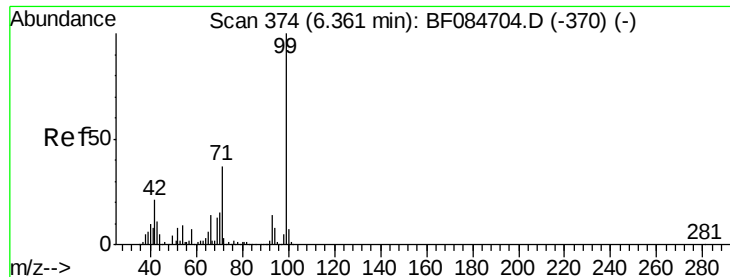


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.37 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

Instrument :

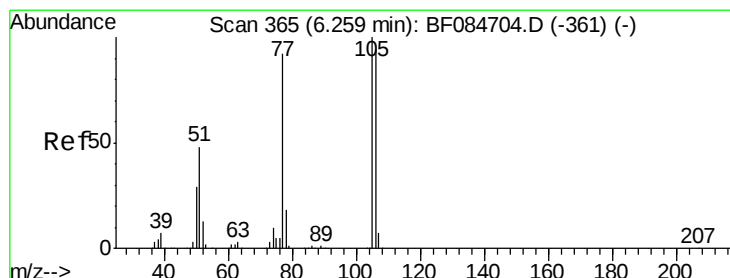
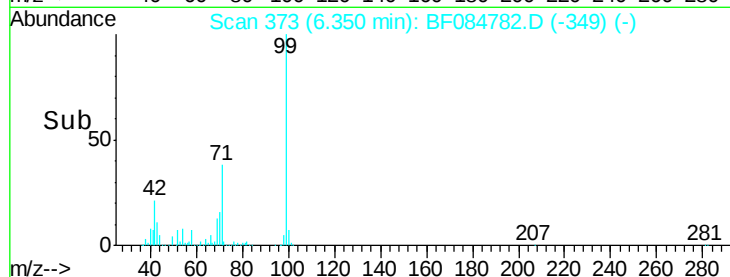
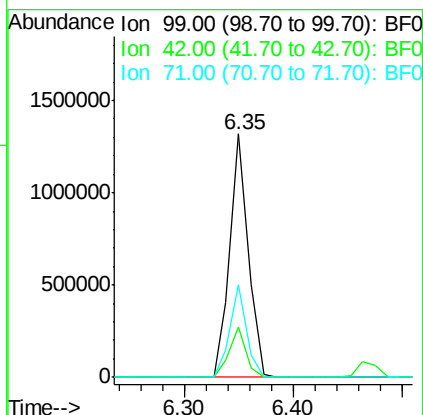
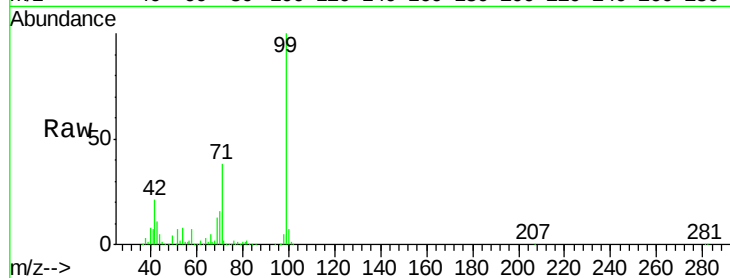
BNA_F

ClientSampleId :

HSR-WC-27-012916

Tot Ion: 99 Resp: 1542255

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	37.9	30.9	46.3



#9

Benzaldehyde

Concen: 4.14 ng

RT: 6.48 min Scan# 384

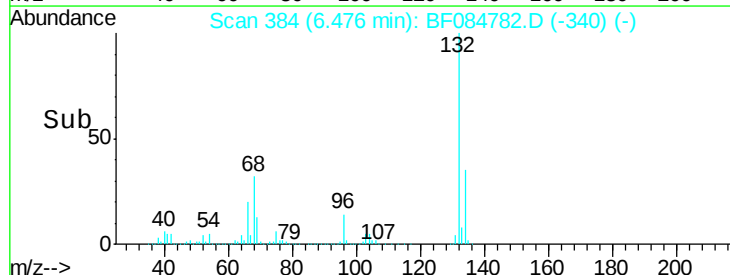
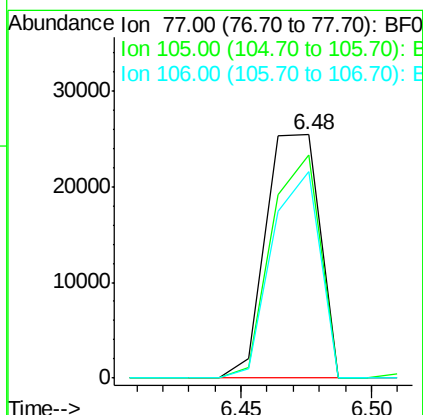
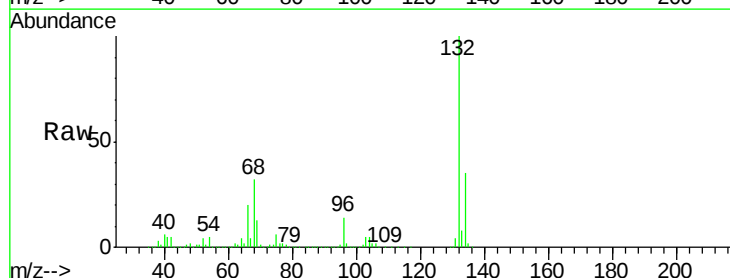
Delta R.T. 0.21 min

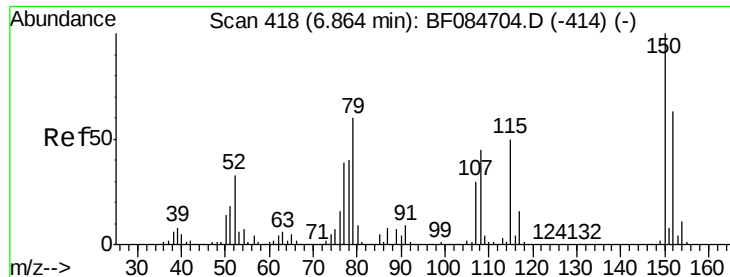
Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

Tgt Ion: 77 Resp: 36111

Ion	Ratio	Lower	Upper
77	100		
105	91.8	83.0	123.0
106	84.6	74.6	114.6





#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-27-012916

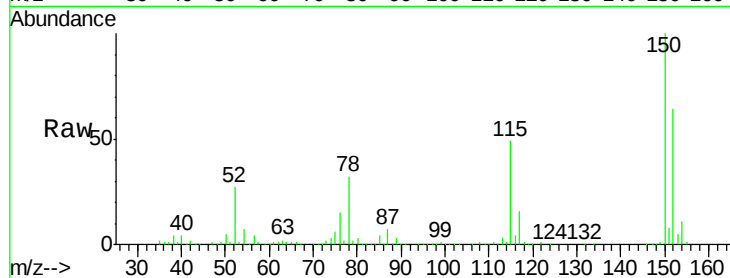
Tot Ion: 79 Resp: 20409

Ion Ratio Lower Upper

79 100

108 28.8 69.0 103.4#

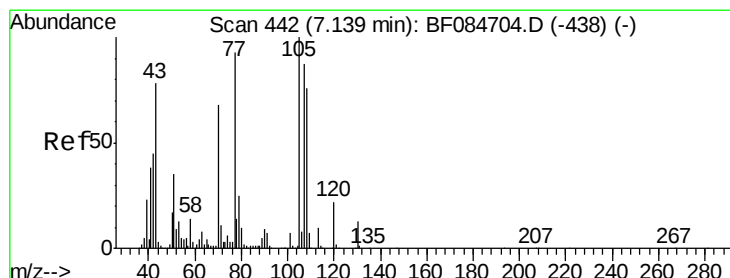
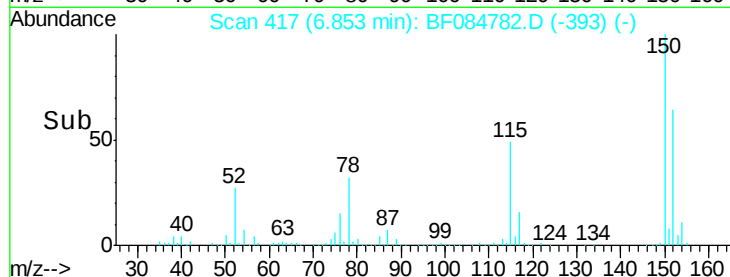
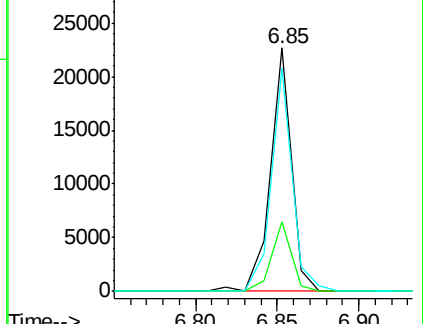
77 91.6 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 16.14 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.11 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

Tgt Ion: 70 Resp: 149475

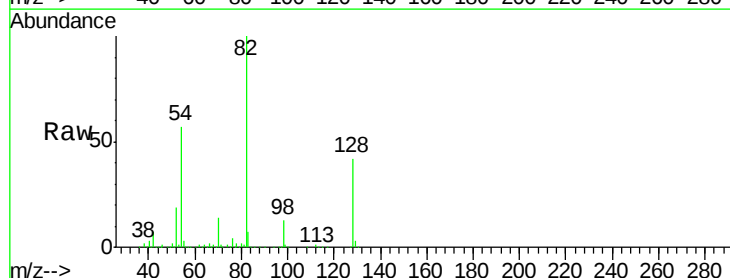
Ion Ratio Lower Upper

70 100

42 50.0 33.3 49.9#

101 0.0 9.3 13.9#

130 2.0 23.4 35.0#

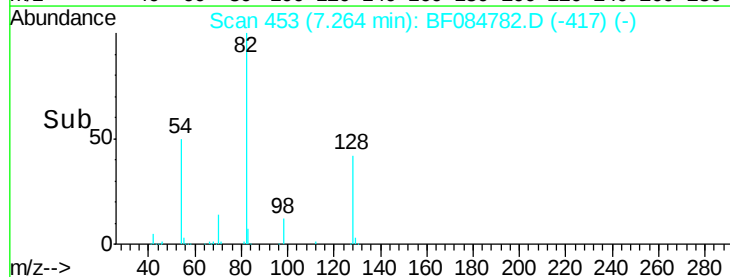
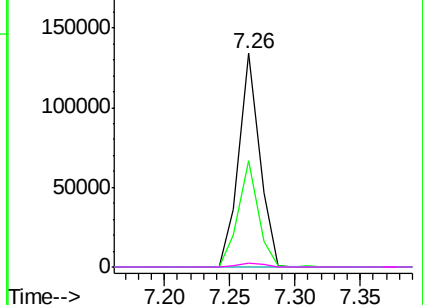


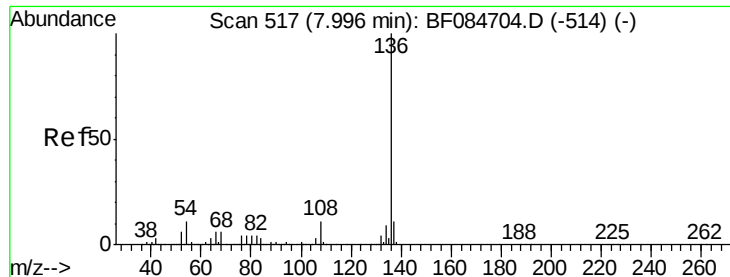
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-27-012916

Tot Ion:136 Resp: 821156

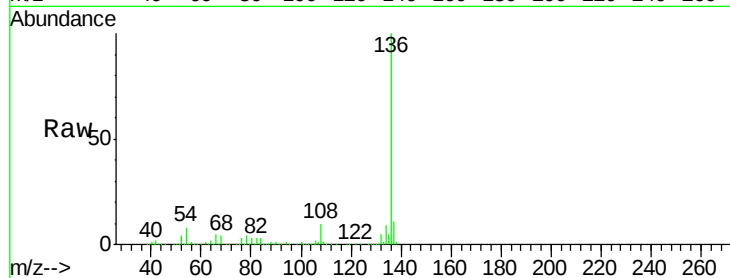
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.9 5.8 8.8

68 4.5 4.2 6.2

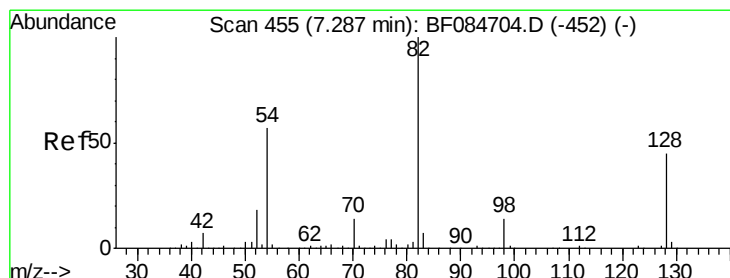
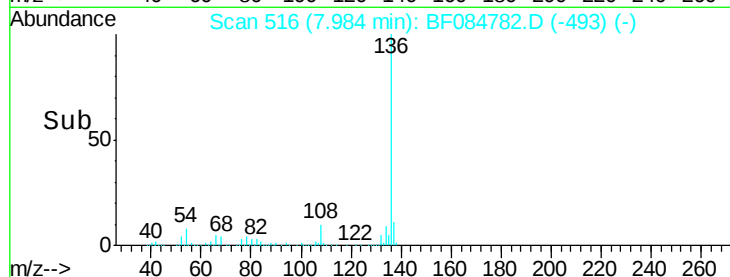
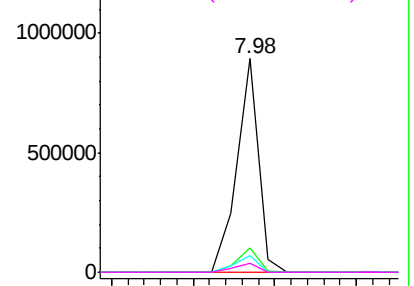


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.08 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

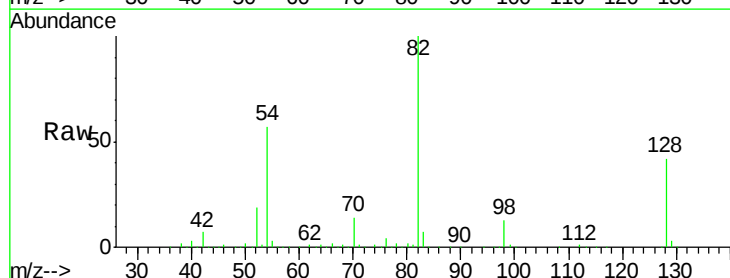
Tgt Ion: 82 Resp: 1123518

Ion Ratio Lower Upper

82 100

128 42.2 34.6 51.8

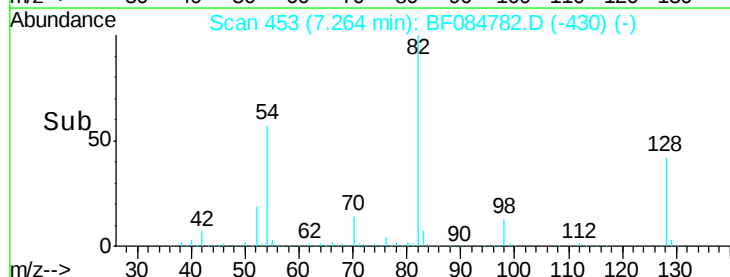
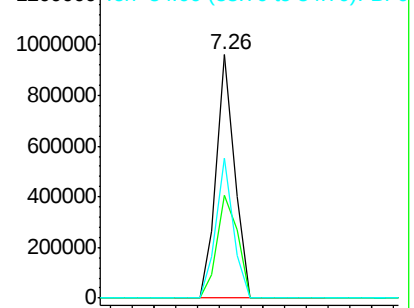
54 57.2 38.4 57.6

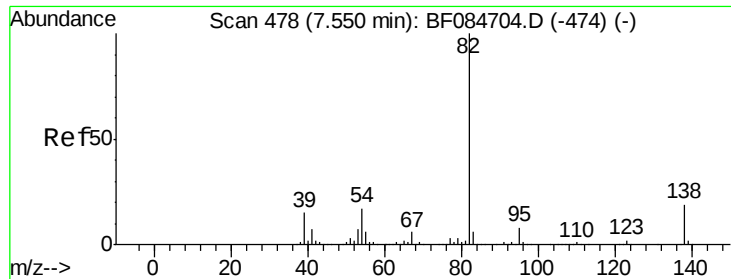


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.12 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.30 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-27-012916

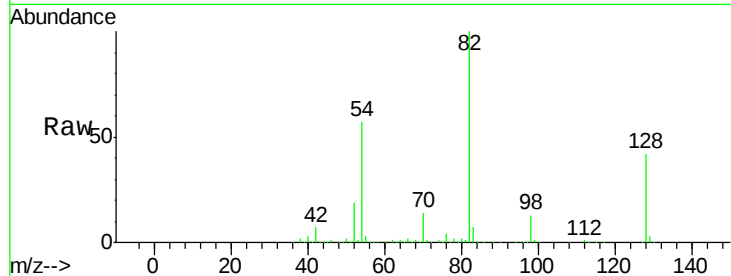
Tot Ion: 82 Resp: 938844

Ion Ratio Lower Upper

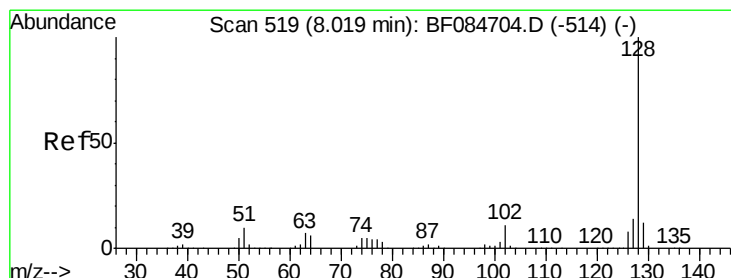
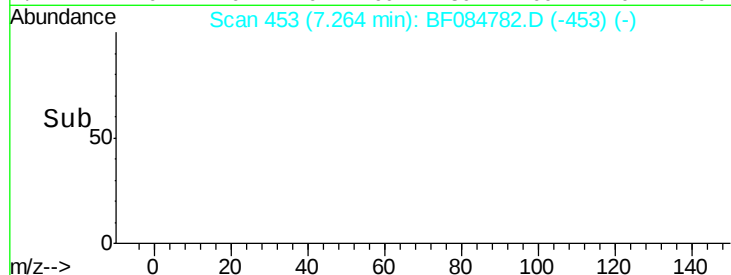
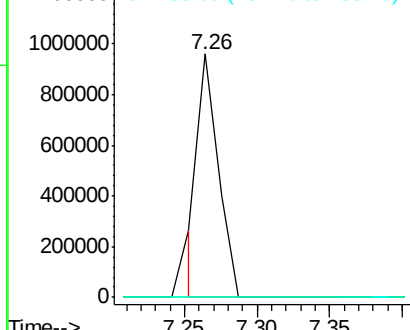
82 100

95 0.0 6.6 10.0#

138 0.0 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 15.46 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

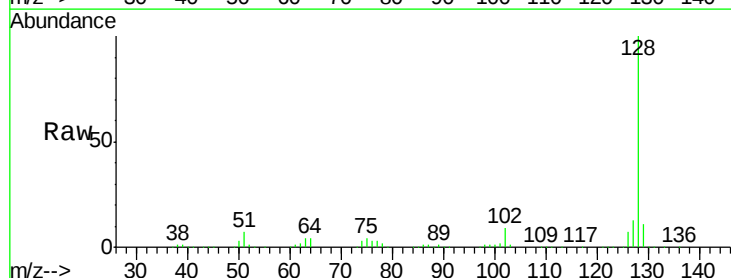
Tgt Ion: 128 Resp: 636784

Ion Ratio Lower Upper

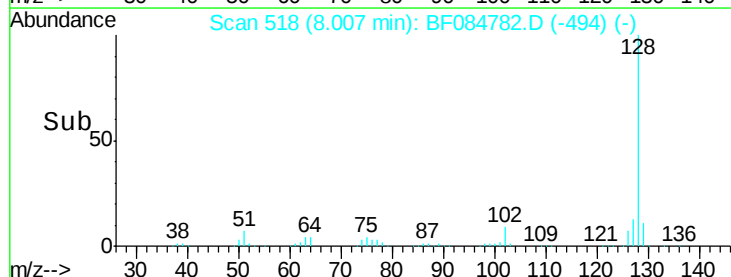
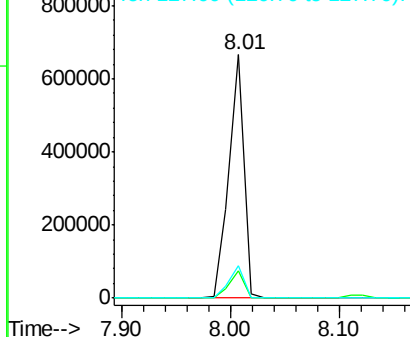
128 100

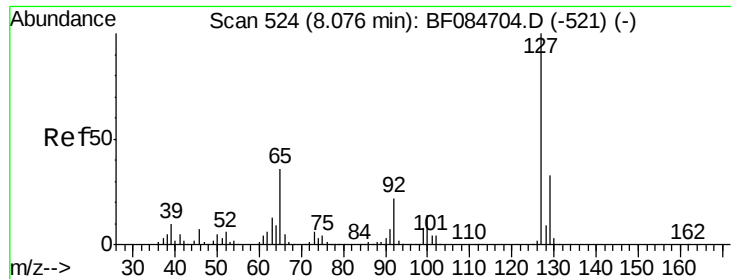
129 11.1 9.1 13.7

127 13.2 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

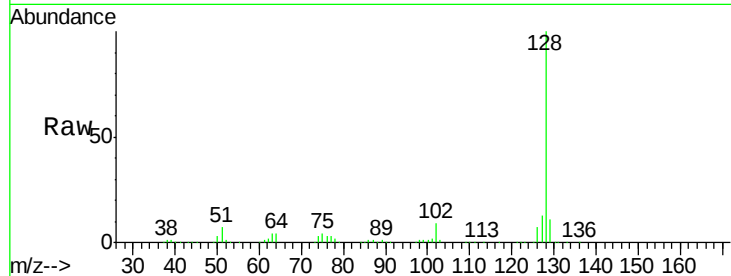




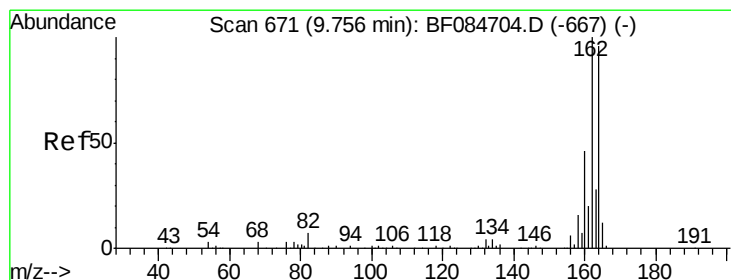
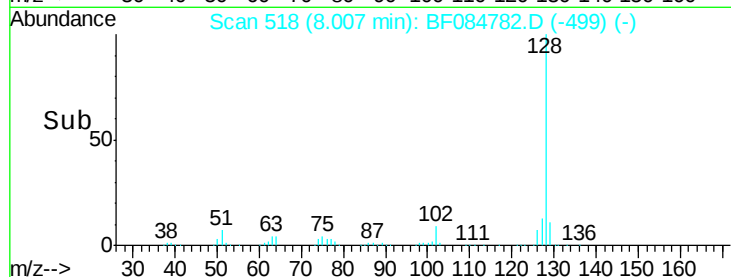
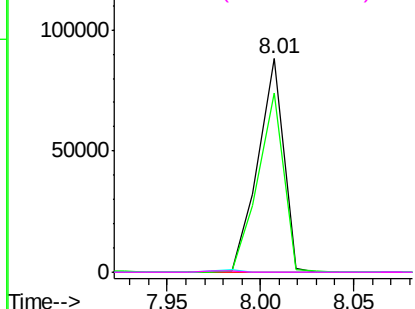
#33
4-Chloroaniline
Concen: 4.93 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.08 min
Lab File: BF084782.D
Acq: 3 Feb 2016 9:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-27-012916

Tot Ion:	127	Resp:	83981
Ion	Ratio	Lower	Upper
127	100		
129	83.9	26.5	39.7#
65	0.0	27.2	40.8#
92	0.0	17.7	26.5#

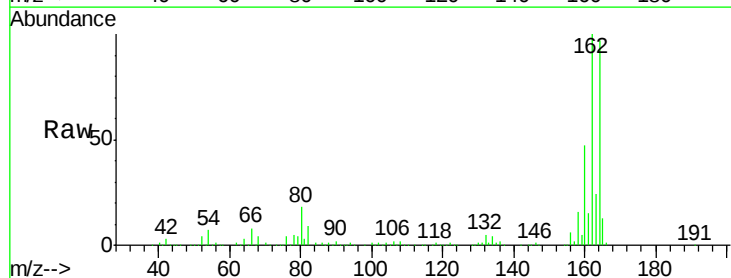


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

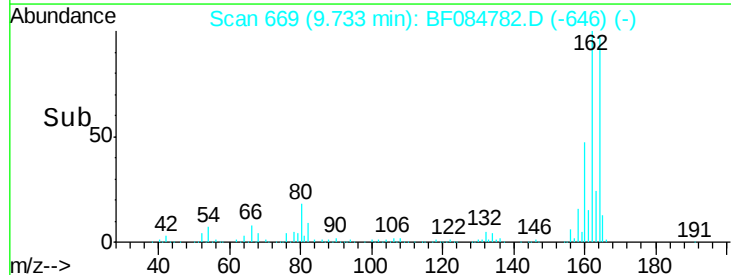
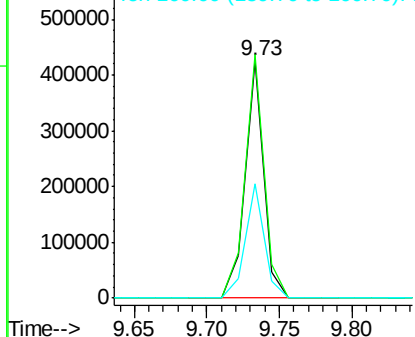


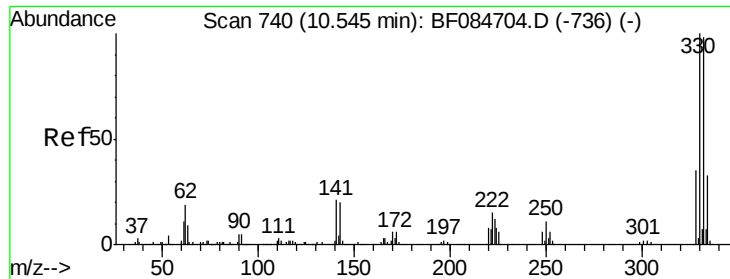
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.03 min
Lab File: BF084782.D
Acq: 3 Feb 2016 9:26

Tgt Ion:	164	Resp:	378752
Ion	Ratio	Lower	Upper
164	100		
162	102.6	85.1	127.7
160	48.1	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

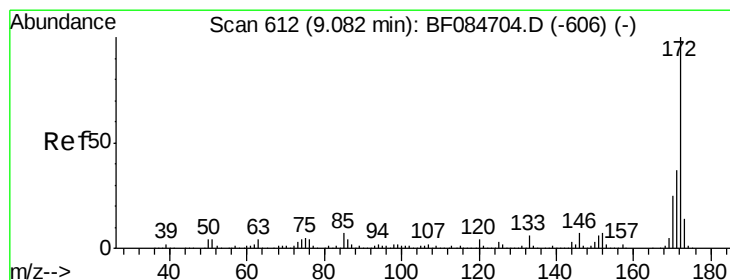
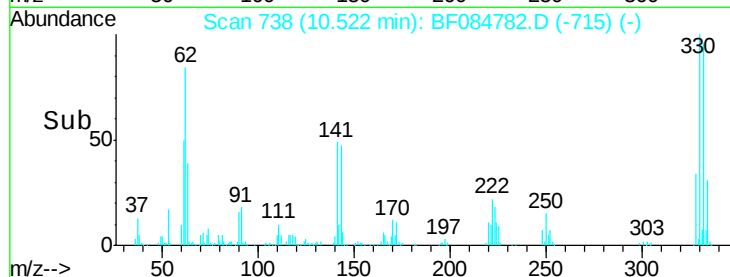
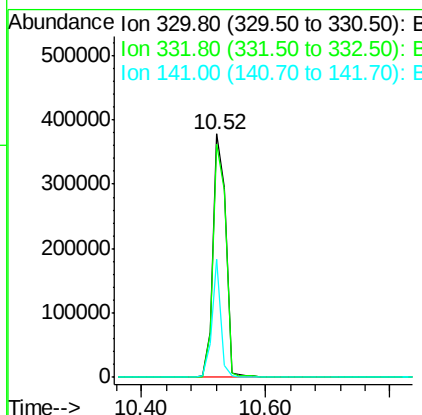
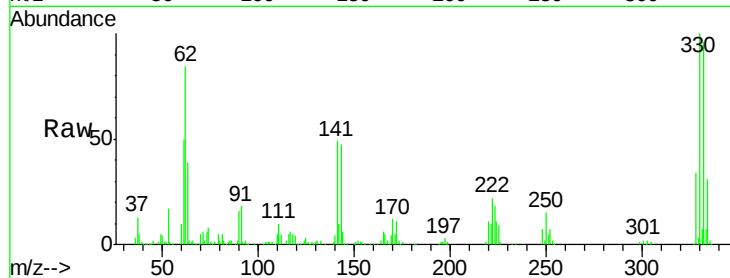




#41
 2,4,6-Tribromophenol
 Concen: 133.18 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF084782.D
 Acq: 3 Feb 2016 9:26

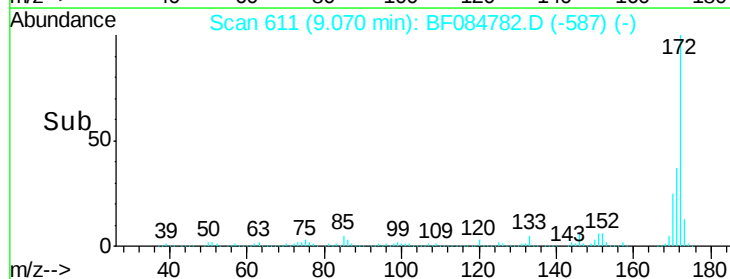
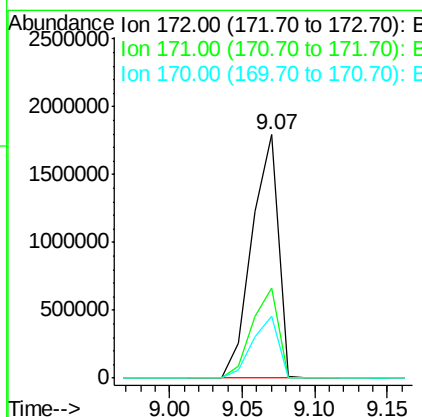
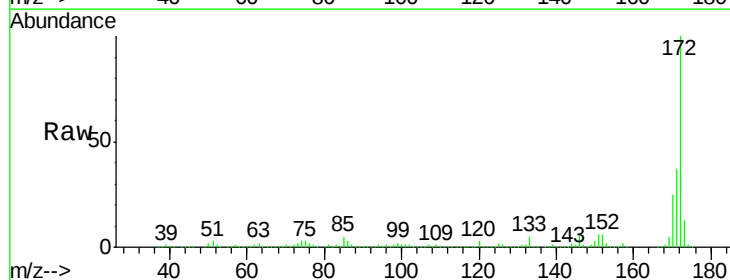
Instrument :
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 ClientSampleId :
 HSR-WC-27-012916

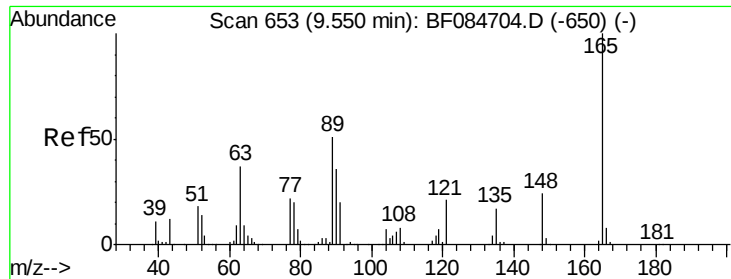
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	34.5	27.8	41.6



#44
 2-Fluorobiphenyl
 Concen: 113.50 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084782.D
 Acq: 3 Feb 2016 9:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.9	43.3
170	25.2	18.6	27.8

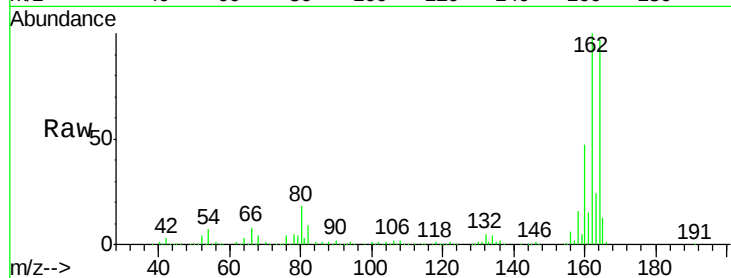




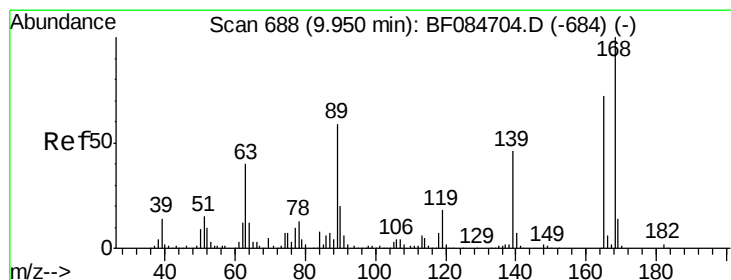
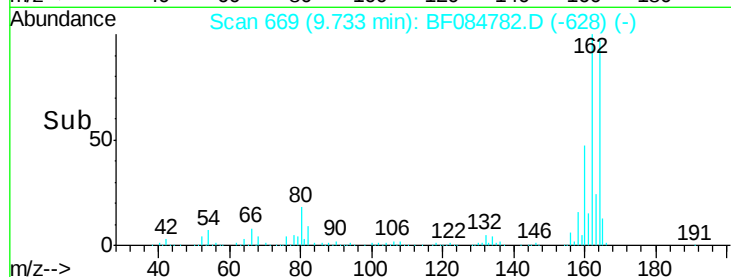
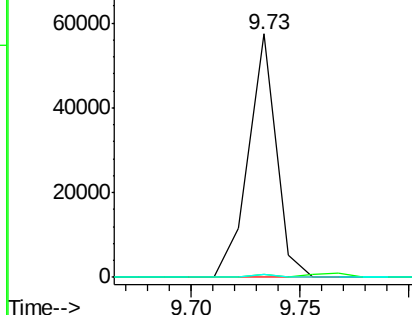
#50
 2,6-Dinitrotoluene
 Concen: 8.08 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.17 min
 Lab File: BF084782.D
 Acq: 3 Feb 2016 9:26

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-27-012916

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	28.8	43.2#
89	1.3	35.1	52.7#



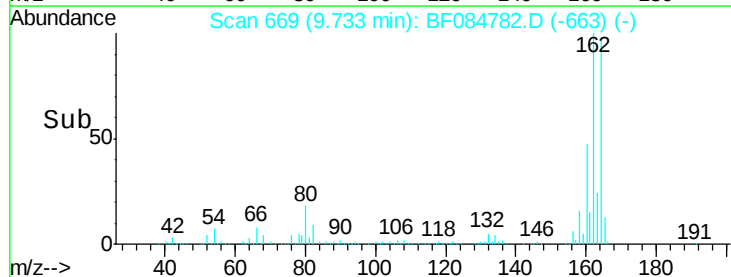
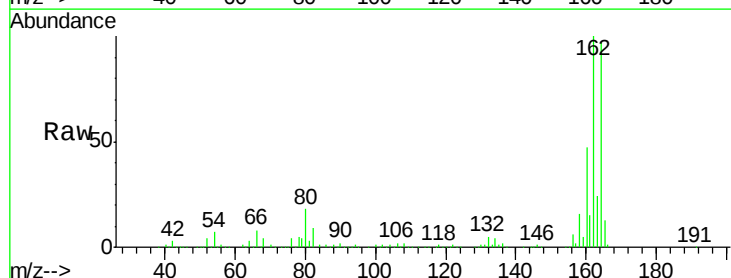
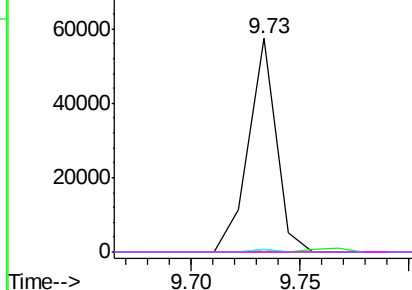
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

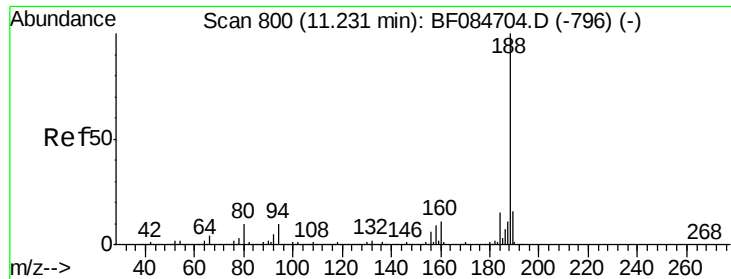


#56
 2,4-Dinitrotoluene
 Concen: 6.33 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.23 min
 Lab File: BF084782.D
 Acq: 3 Feb 2016 9:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.7	55.1#
89	1.3	61.9	92.9#
182	0.0	2.0	3.0#

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: 11.22 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-27-012916

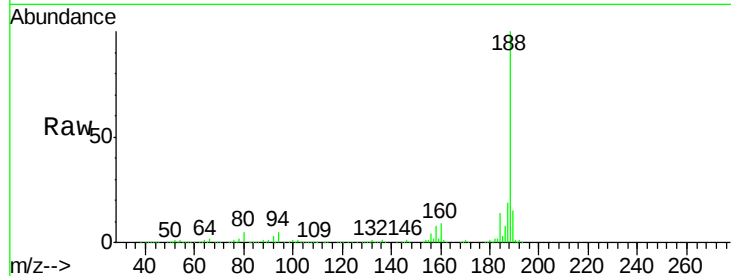
Tot Ion:188 Resp: 715846

Ion Ratio Lower Upper

188 100

94 5.1 9.0 13.4#

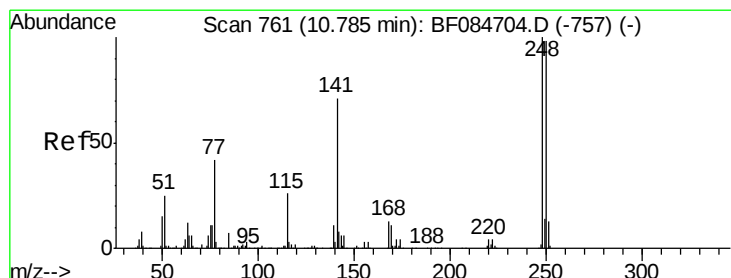
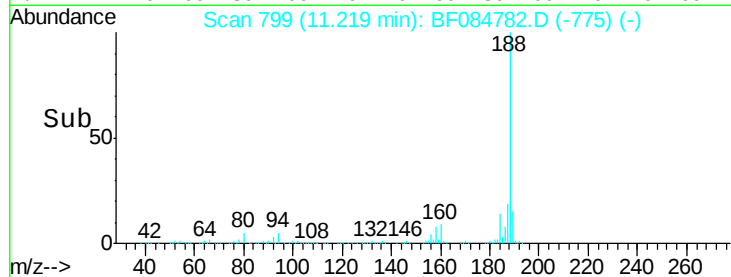
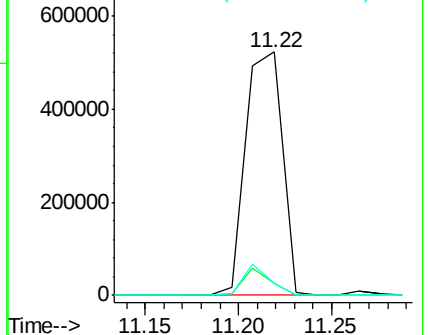
80 4.9 9.6 14.4#



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: 3.88 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.27 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

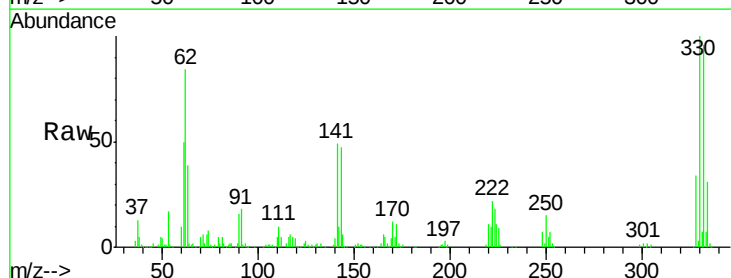
Tgt Ion:248 Resp: 30652

Ion Ratio Lower Upper

248 100

250 205.1 78.4 117.6#

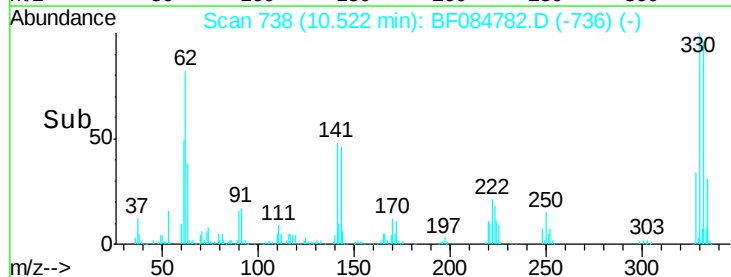
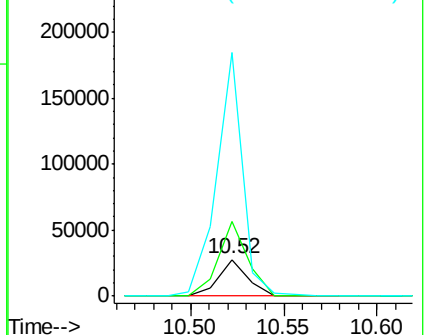
141 669.5 44.0 66.0#

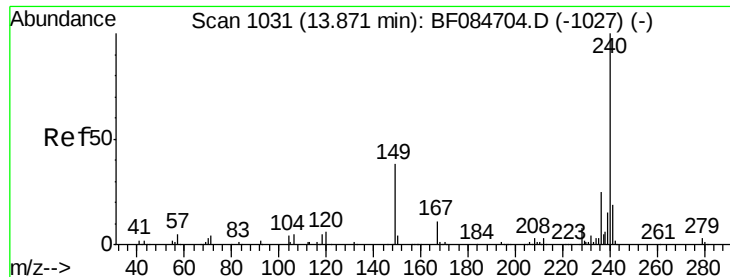


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

Instrument :

BNA_F

ClientSampleId :

HSR-WC-27-012916

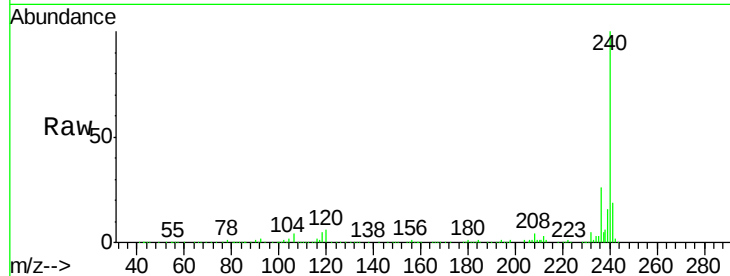
Tot Ion:240 Resp: 546743

Ion Ratio Lower Upper

240 100

120 5.9 9.5 14.3#

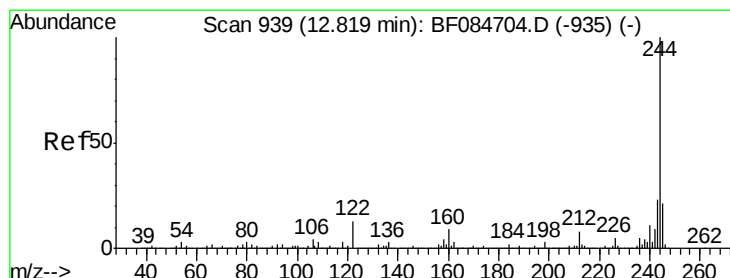
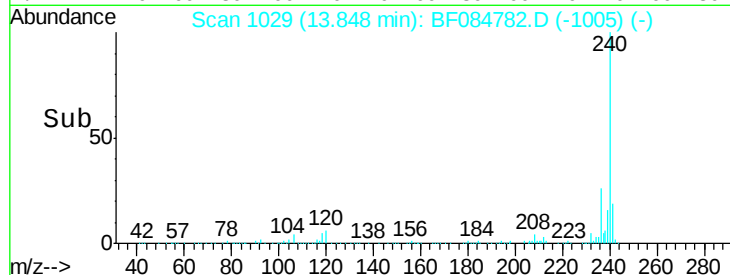
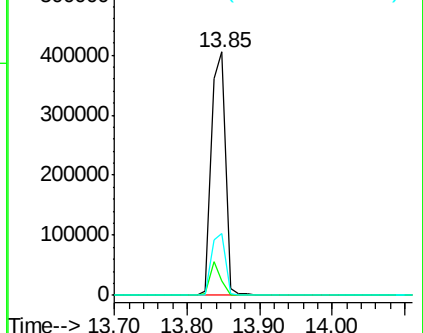
236 25.5 20.6 31.0



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: 88.37 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF084782.D

Acq: 3 Feb 2016 9:26

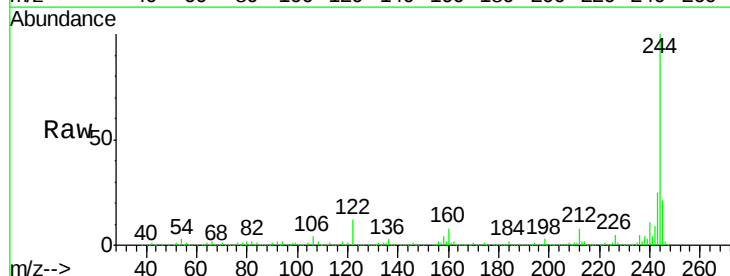
Tgt Ion:244 Resp: 2132235

Ion Ratio Lower Upper

244 100

212 7.7 5.7 8.5

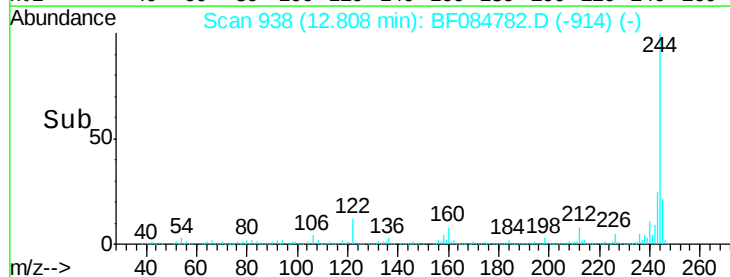
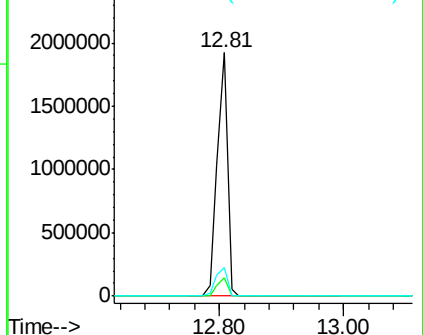
122 11.8 7.4 11.0#

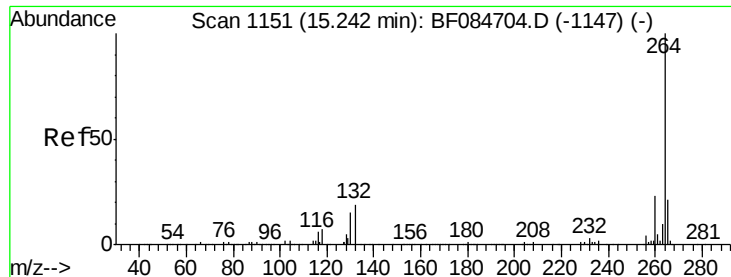


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

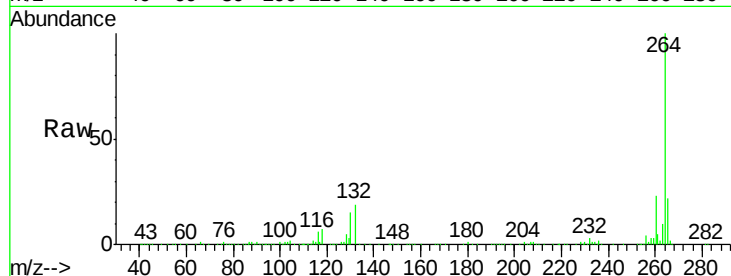




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF084782.D
Acq: 3 Feb 2016 9:26

Instrument :
BNA_F
ClientSampleId :
HSR-WC-27-012916

Tot Ion:	264	Resp:	393001
Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	21.8	17.8	26.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

