

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085142.D
 Acq On : 3 Mar 2016 1:52
 Operator : SJ/IZ
 Sample : H1623-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-34-022516

Quant Time: Mar 03 04:49:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

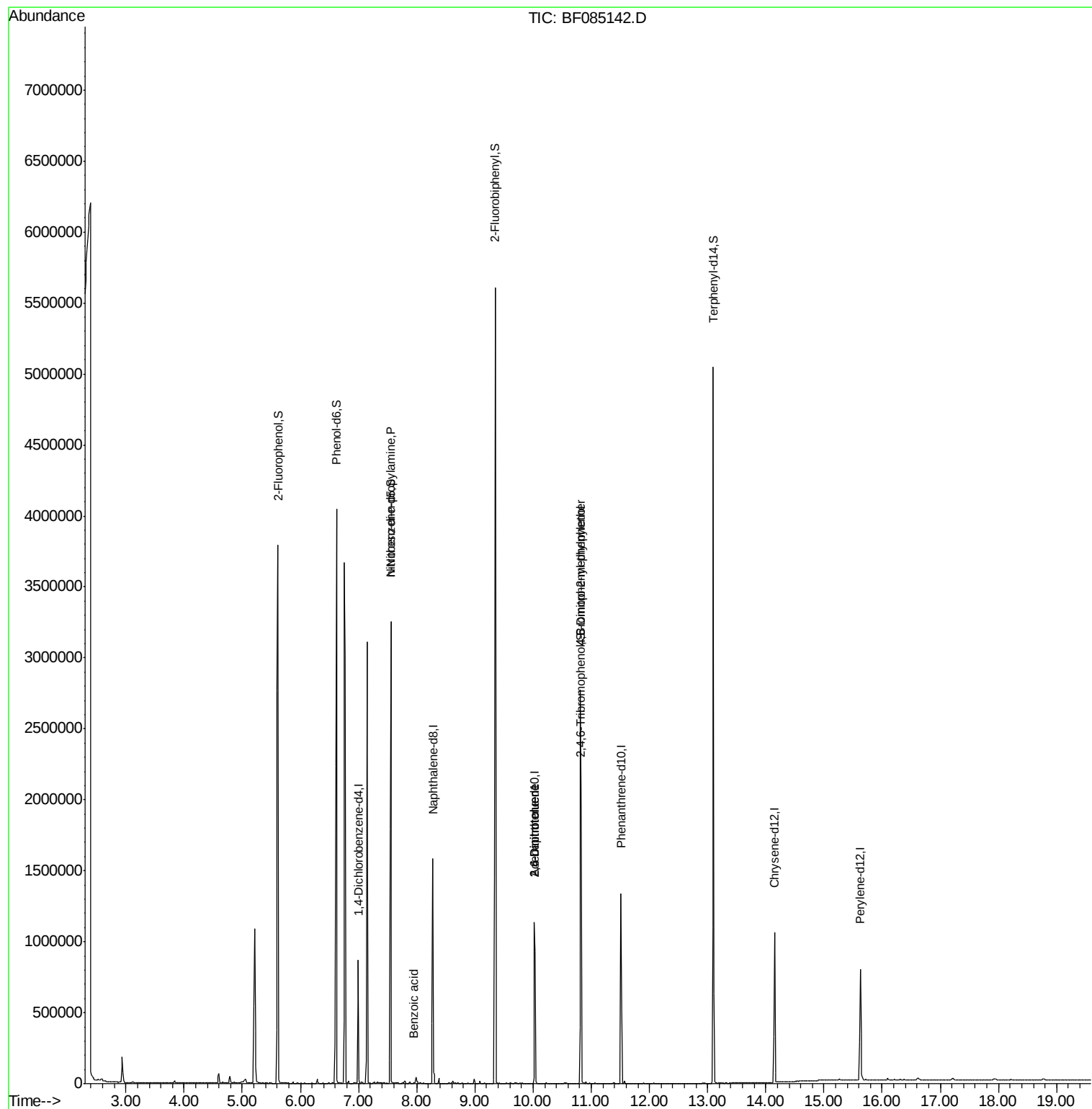
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	164925	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	695190	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	303854	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	516762	20.00	ng	0.00
75) Chrysene-d12	14.15	240	373091	20.00	ng	0.00
86) Perylene-d12	15.63	264	376381	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1413280	139.12	ng	0.03
7) Phenol-d6	6.62	99	1658509	124.53	ng	0.00
23) Nitrobenzene-d5	7.56	82	1250084	95.67	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	524225	171.68	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1756407	85.13	ng	0.00
78) Terphenyl-d14	13.10	244	1531833	96.32	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	1046	Below Cal		Qvalue 89
19) n-Nitroso-di-n-propylamine	7.56	70	169457	19.31 ng	#	77
32) Benzoic acid	7.96	122	1706	12.59 ng		92
50) 2,6-Dinitrotoluene	10.02	165	38463	8.23 ng	#	22
56) 2,4-Dinitrotoluene	10.02	165	38456	6.11 ng	#	18
64) 4,6-Dinitro-2-methylphenol	10.81	198	1034	7.49 ng	#	1
66) 4-Bromophenyl-phenylether	10.81	248	29930	5.52 ng	#	1

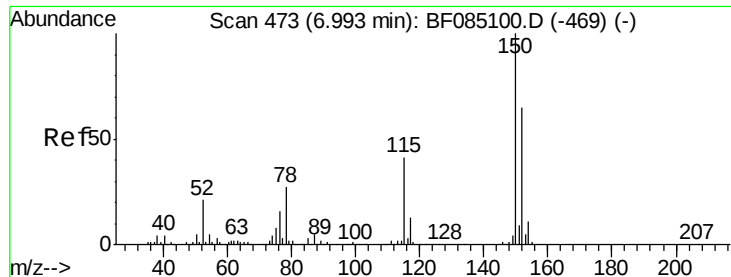
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF085142.D

Acq: 3 Mar 2016 1:52

Instrument :

BNA_F

ClientSampleId :

HSR-WC-34-022516

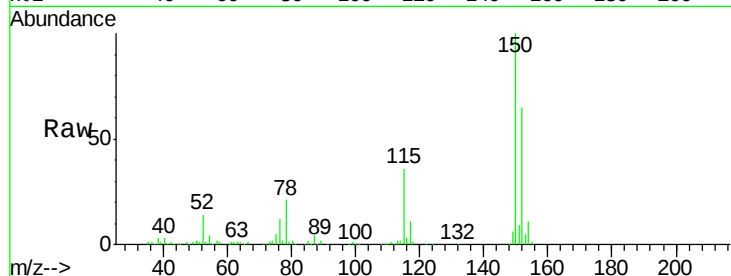
Tgt Ion:152 Resp: 164925

Ion Ratio Lower Upper

152 100

150 153.5 123.4 185.0

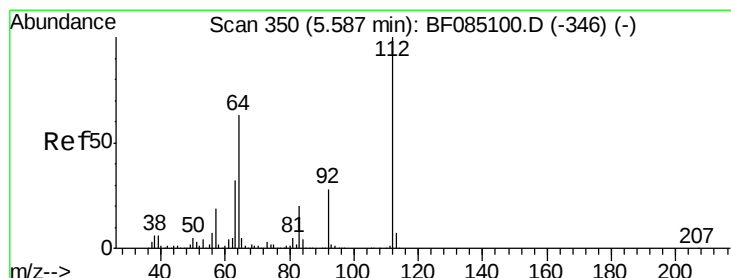
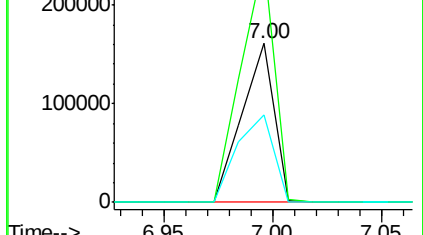
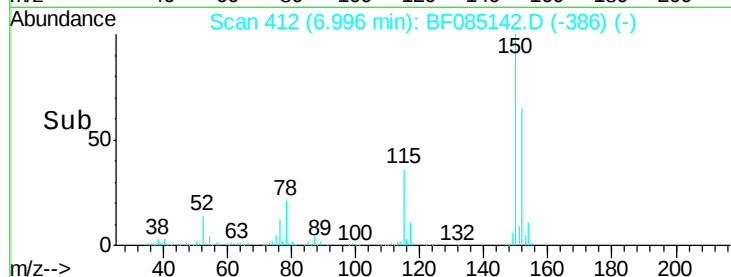
115 55.0 50.0 75.0



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: 139.12 ng

RT: 5.61 min Scan# 291

Delta R.T. 0.03 min

Lab File: BF085142.D

Acq: 3 Mar 2016 1:52

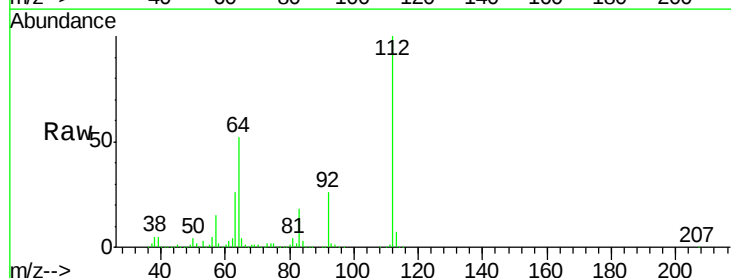
Tgt Ion:112 Resp: 1413280

Ion Ratio Lower Upper

112 100

64 52.1 50.6 76.0

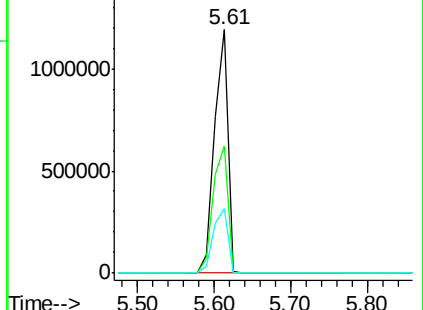
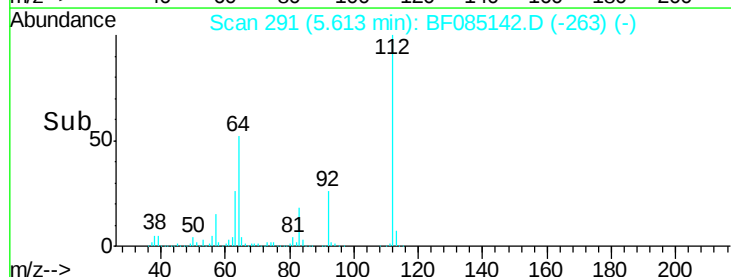
63 26.3 25.5 38.3

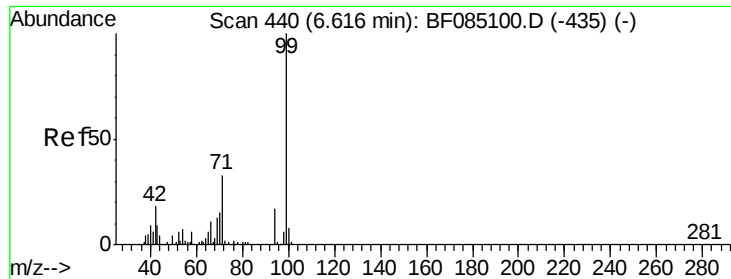


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.53 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085142.D

Acq: 3 Mar 2016 1:52

Instrument :

BNA_F

ClientSampleId :

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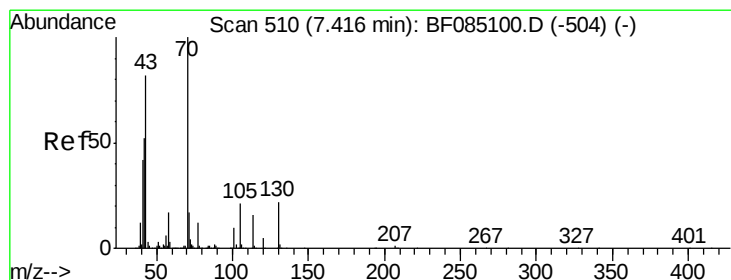
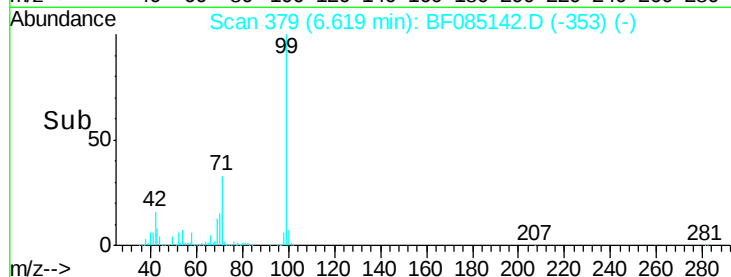
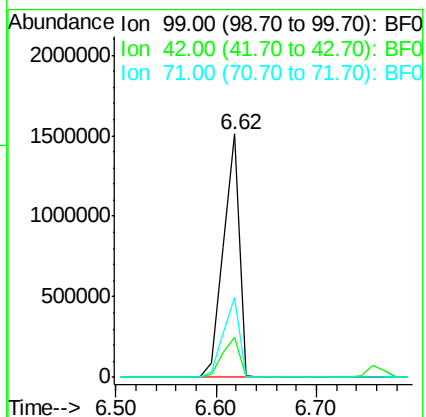
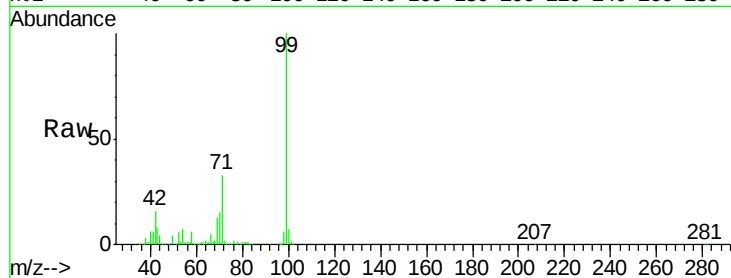
Tgt Ion: 99 Resp: 1658509

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 32.9 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 19.31 ng

RT: 7.56 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF085142.D

Acq: 3 Mar 2016 1:52

Tgt Ion: 70 Resp: 169457

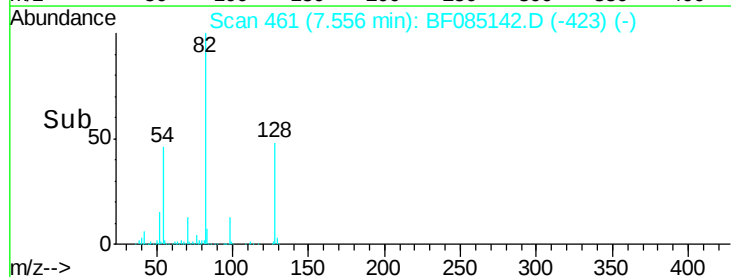
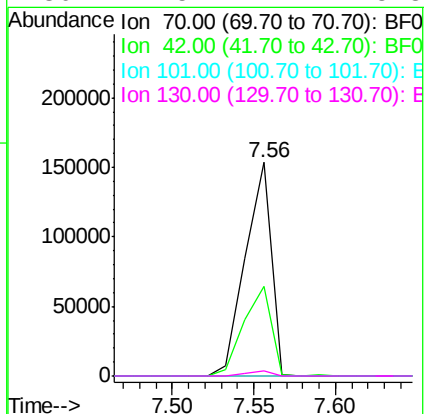
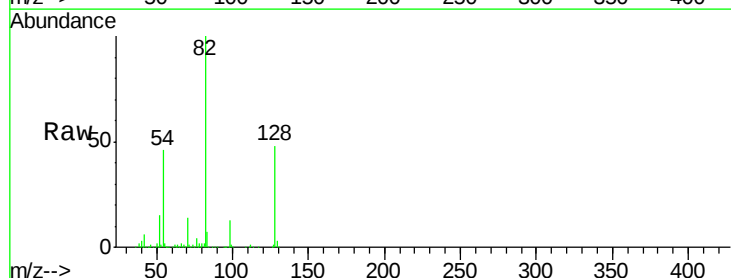
Ion Ratio Lower Upper

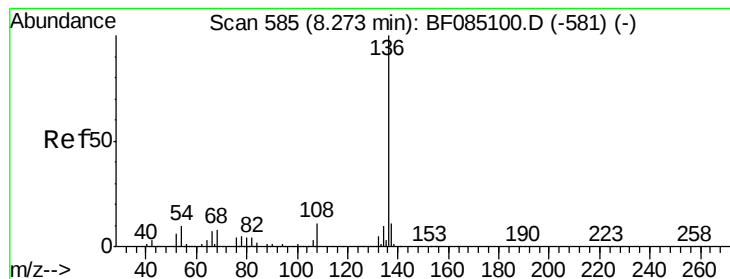
70 100

42 41.8 41.9 62.9#

101 0.0 7.8 11.8#

130 2.5 17.2 25.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085142.D

Acq: 3 Mar 2016 1:52

Instrument :

BNA_F

ClientSampleId :

HSR-WC-34-022516

Tgt Ion:136 Resp: 695190

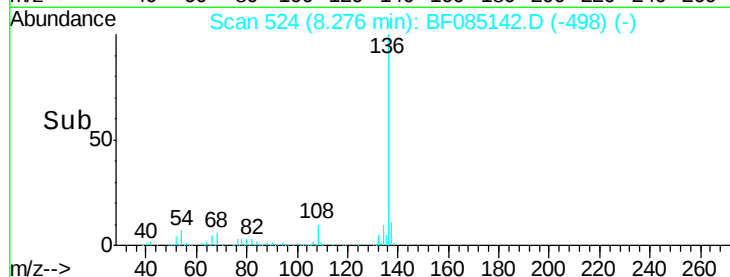
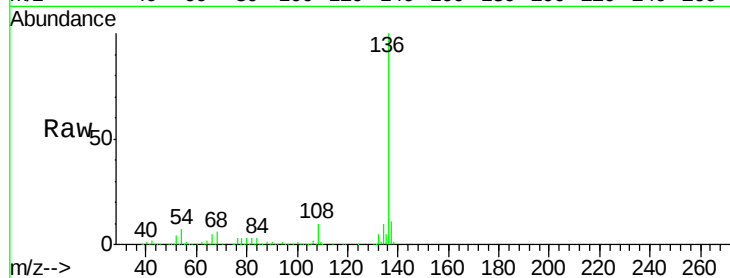
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.1 8.5 12.7#

68 5.9 6.4 9.6#

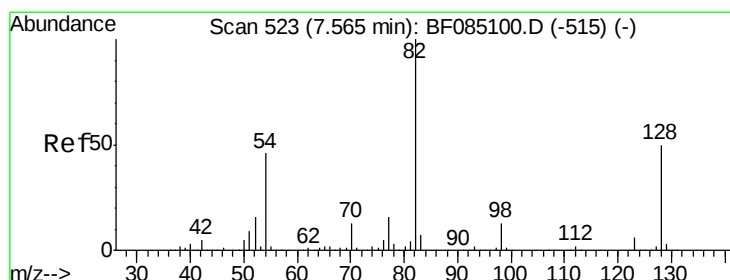
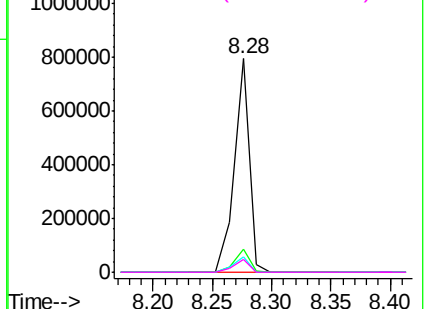


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 95.67 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085142.D

Acq: 3 Mar 2016 1:52

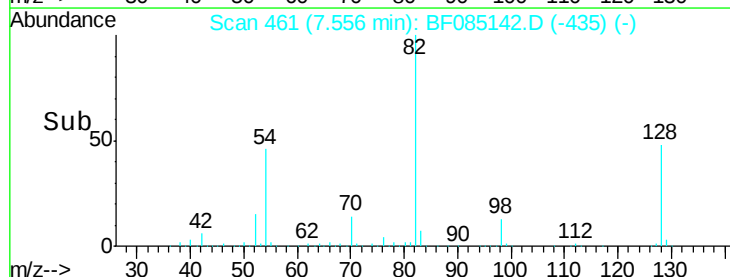
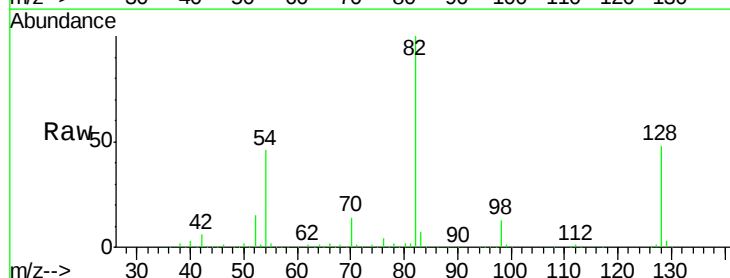
Tgt Ion: 82 Resp: 1250084

Ion Ratio Lower Upper

82 100

128 48.1 39.8 59.6

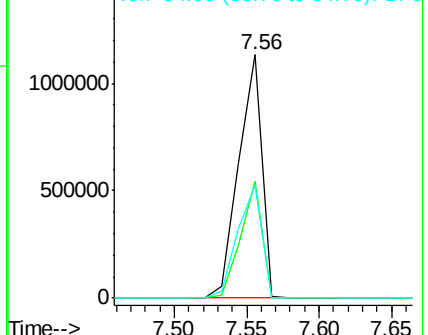
54 46.4 36.6 54.8

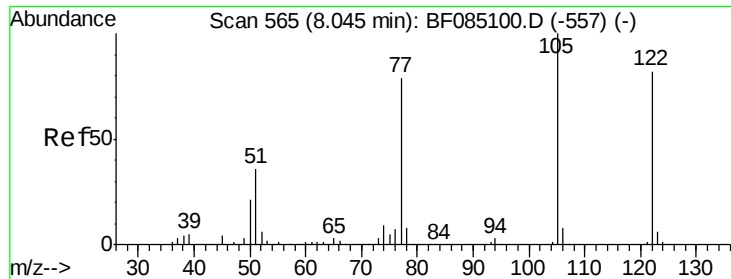


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

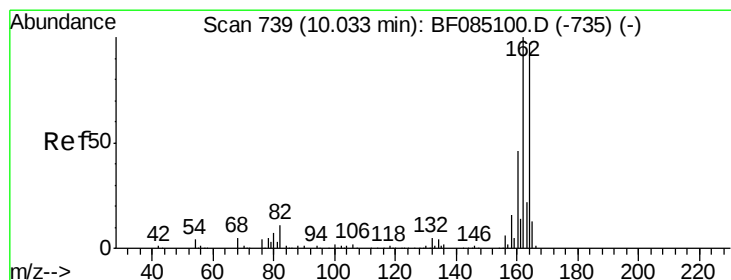
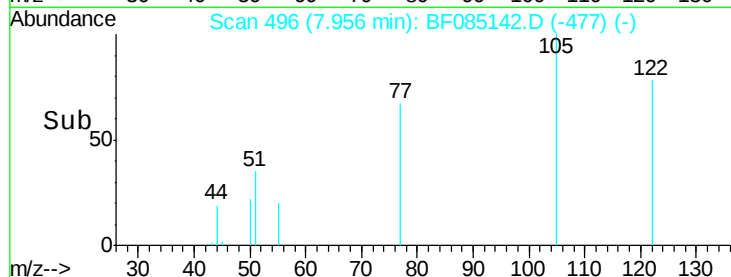
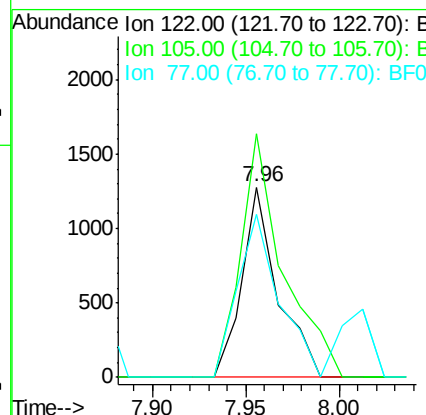
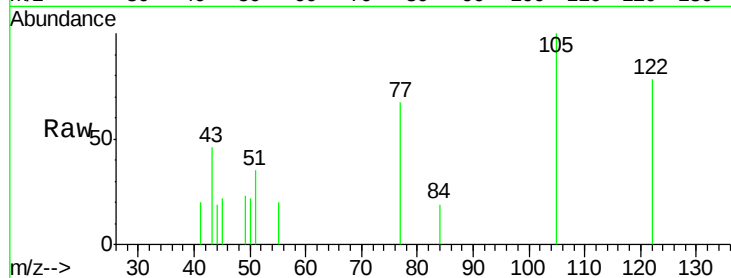




#32
Benzoic acid
Concen: 12.59 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.09 min
Lab File: BF085142.D
Acq: 3 Mar 2016 1:52

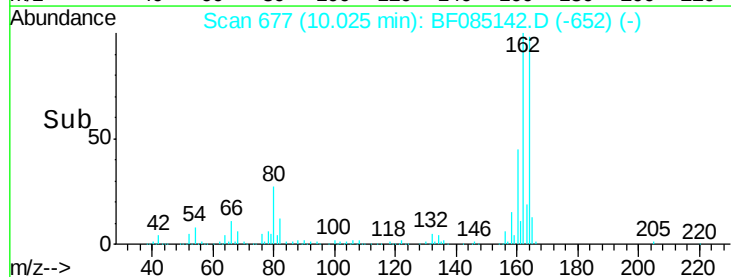
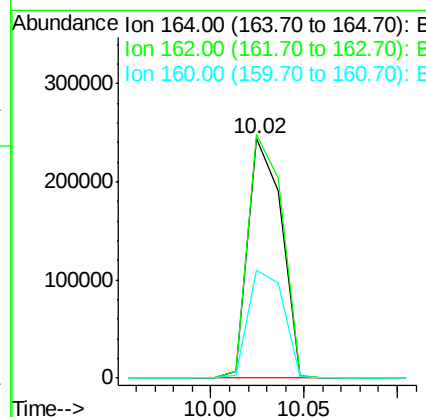
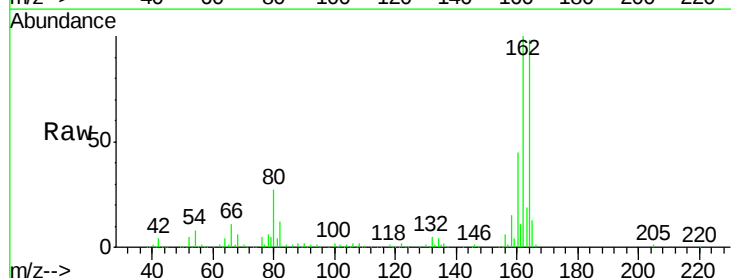
Instrument :
BNA_F
ClientSampleId :
HSR-WC-34-022516

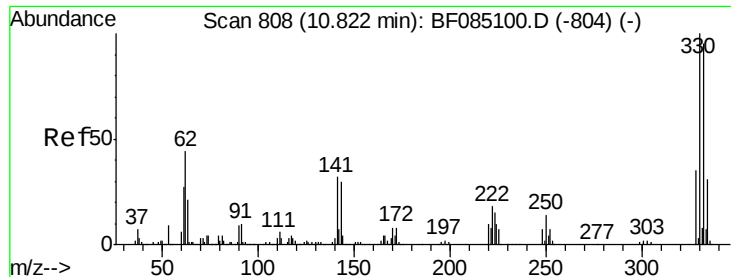
Tgt Ion:122 Resp: 1706
Ion Ratio Lower Upper
122 100
105 128.0 102.0 142.0
77 85.4 76.8 116.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085142.D
Acq: 3 Mar 2016 1:52

Tgt Ion:164 Resp: 303854
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 45.3 38.2 57.2

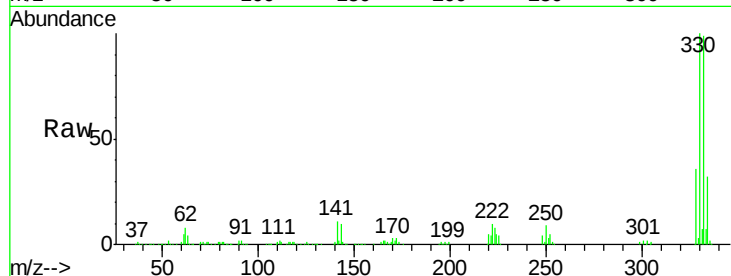




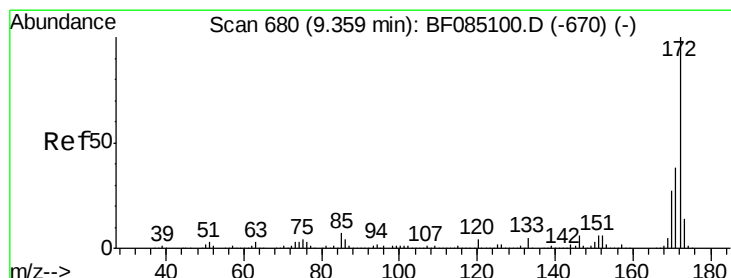
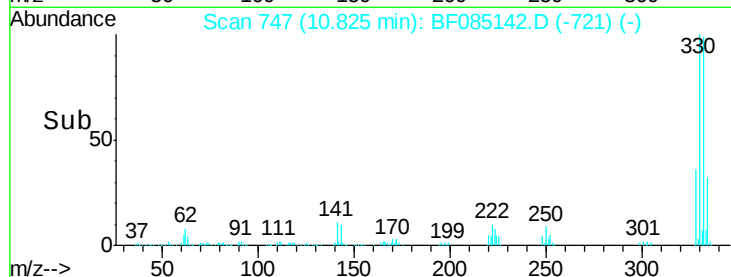
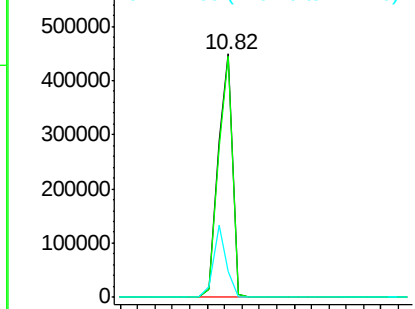
#41
 2,4,6-Tribromophenol
 Concen: 171.68 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085142.D
 Acq: 3 Mar 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-34-022516

Tgt Ion:330 Resp: 524225
 Ion Ratio Lower Upper
 330 100
 332 97.9 75.9 113.9
 141 26.9 28.9 43.3#

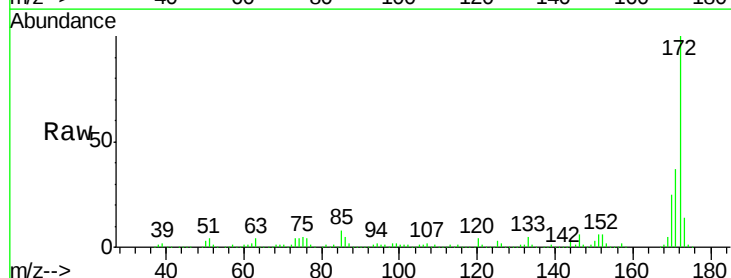


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

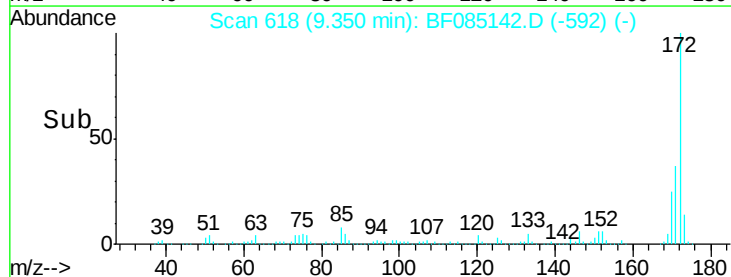
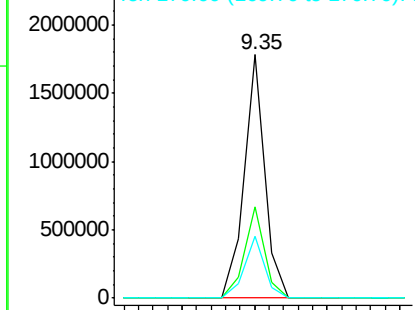


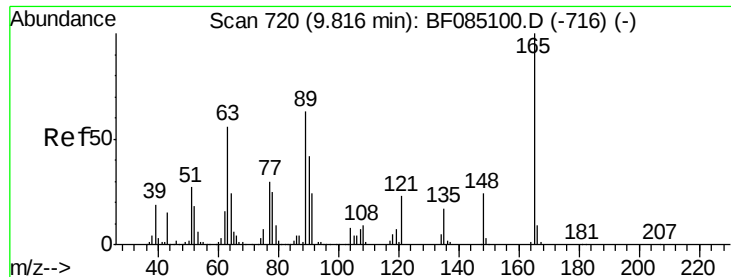
#44
 2-Fluorobiphenyl
 Concen: 85.13 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085142.D
 Acq: 3 Mar 2016 1:52

Tgt Ion:172 Resp: 1756407
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 25.5 21.2 31.8



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

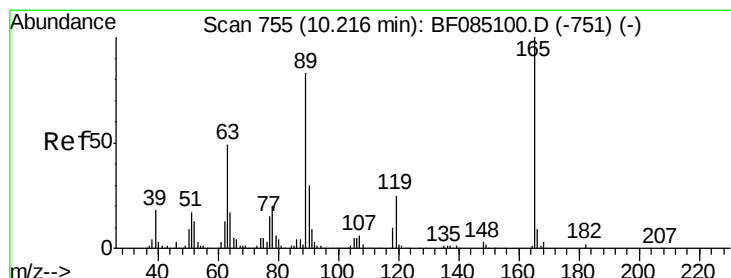
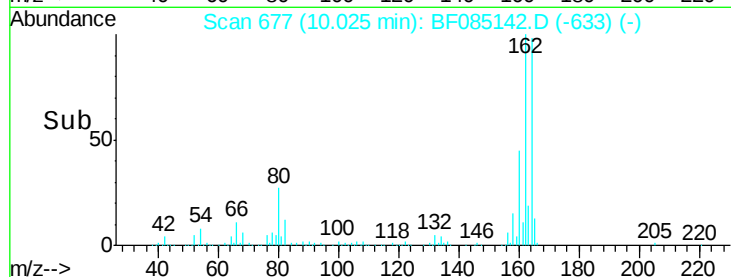
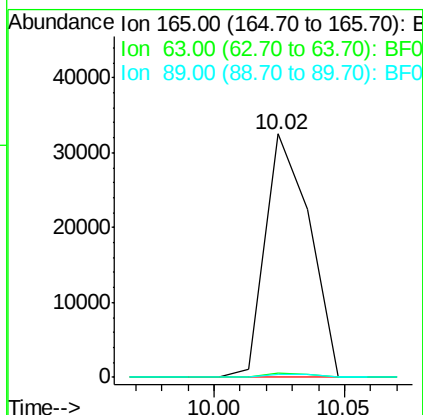
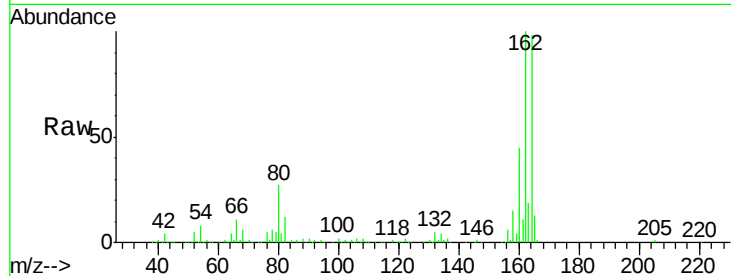




#50
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF085142.D
Acq: 3 Mar 2016 1:52

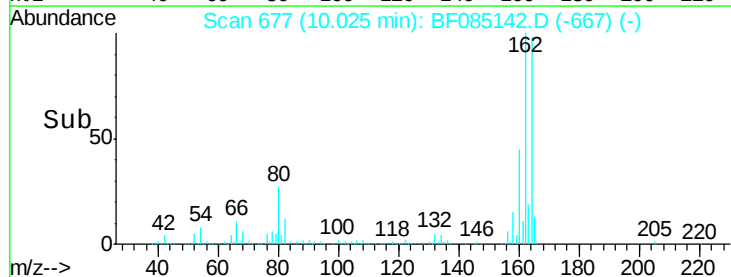
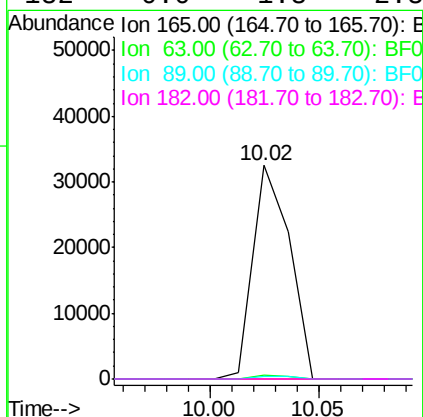
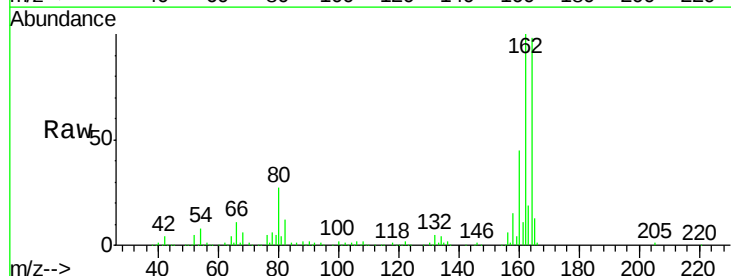
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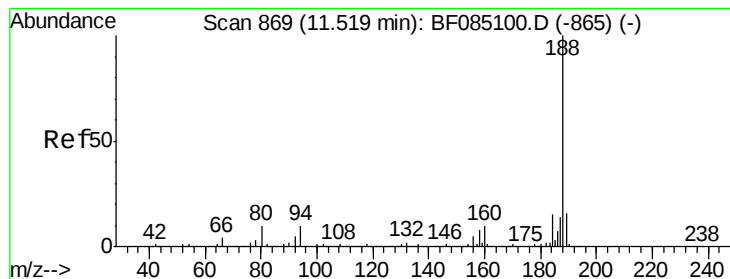
Tgt Ion:165 Resp: 38463
Ion Ratio Lower Upper
165 100
63 1.6 47.4 71.2#
89 1.2 50.2 75.2#



#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF085142.D
Acq: 3 Mar 2016 1:52

Tgt Ion:165 Resp: 38456
Ion Ratio Lower Upper
165 100
63 1.6 39.2 58.8#
89 1.2 66.2 99.4#
182 0.0 1.8 2.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085142.D

Acq: 3 Mar 2016 1:52

Instrument :

BNA_F

ClientSampleId :

HSR-WC-34-022516

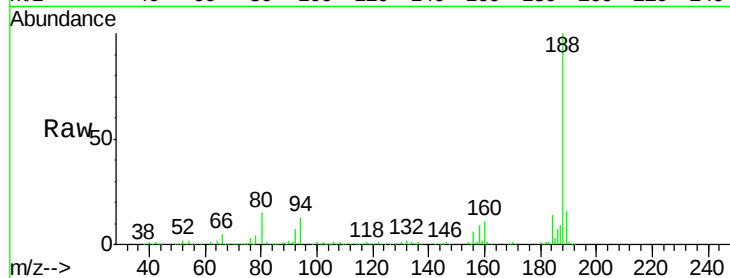
Tgt Ion:188 Resp: 516762

Ion Ratio Lower Upper

188 100

94 13.1 7.8 11.6#

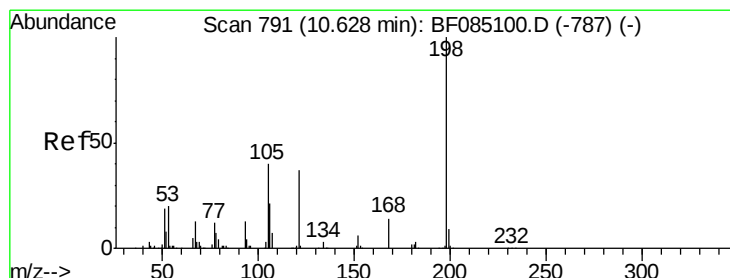
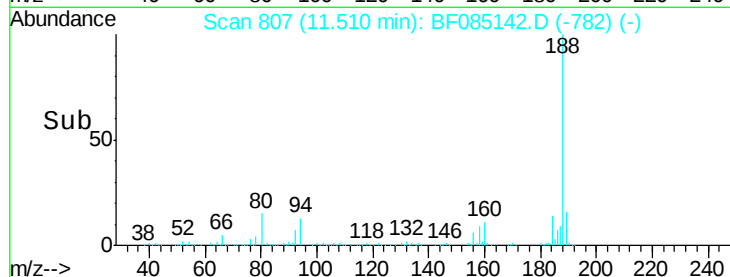
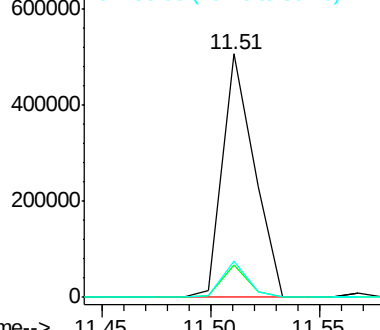
80 14.8 8.2 12.4#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 7.49 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.19 min

Lab File: BF085142.D

Acq: 3 Mar 2016 1:52

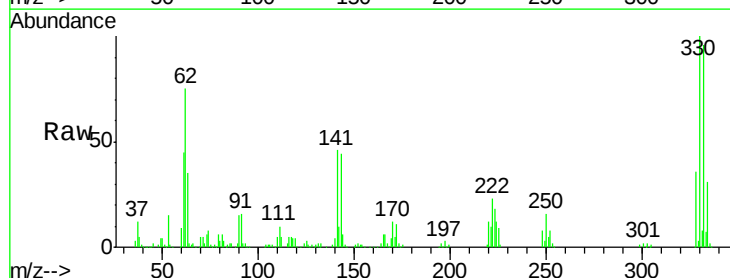
Tgt Ion:198 Resp: 1034

Ion Ratio Lower Upper

198 100

51 184.2 12.5 52.5#

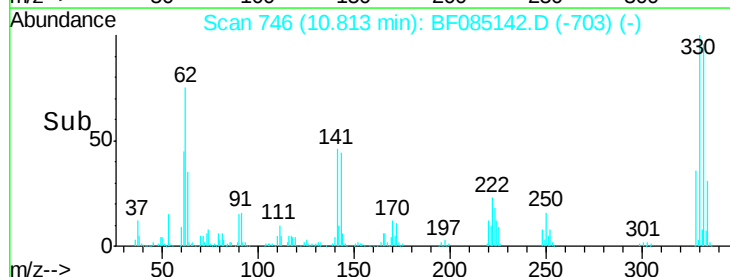
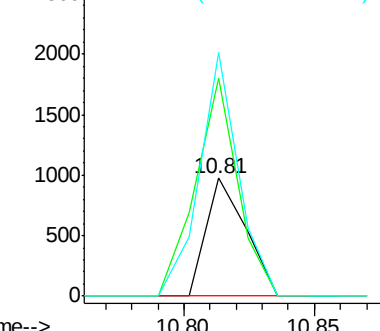
105 206.1 20.2 60.2#

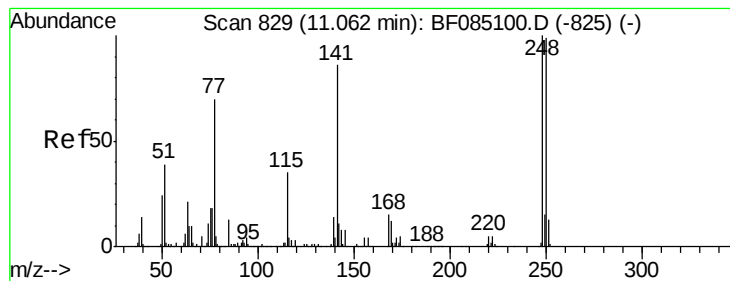


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 5.52 ng

RT: 10.81 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF085142.D

Acq: 3 Mar 2016 1:52

Instrument :

BNA_F

ClientSampleId :

HSR-WC-34-022516

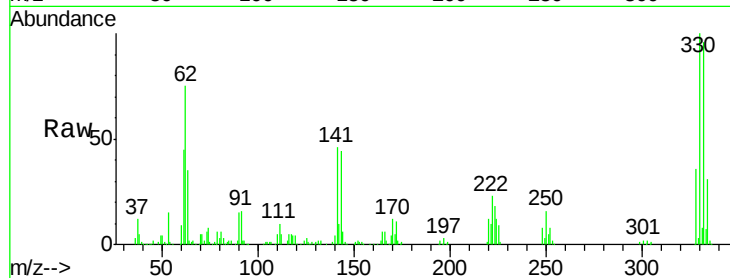
Tgt Ion:248 Resp: 29930

Ion Ratio Lower Upper

248 100

250 205.6 79.0 118.4#

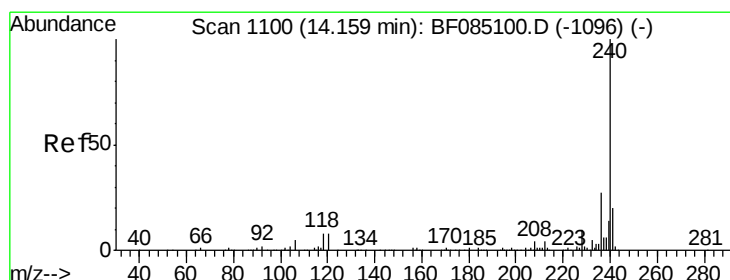
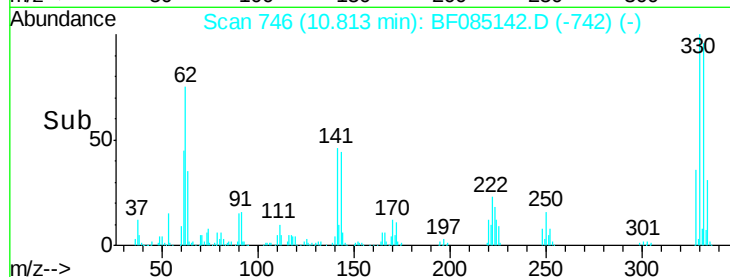
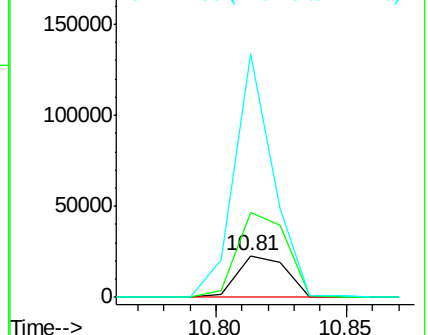
141 586.5 68.6 103.0#



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: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085142.D

Acq: 3 Mar 2016 1:52

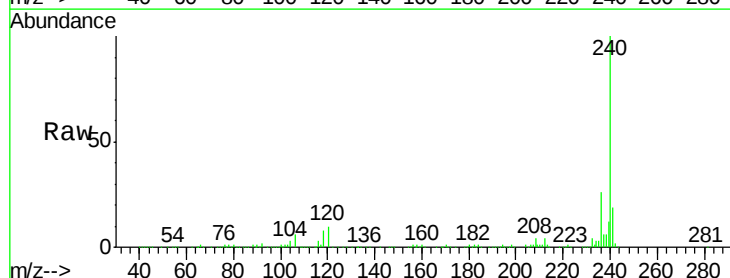
Tgt Ion:240 Resp: 373091

Ion Ratio Lower Upper

240 100

120 9.6 6.7 10.1

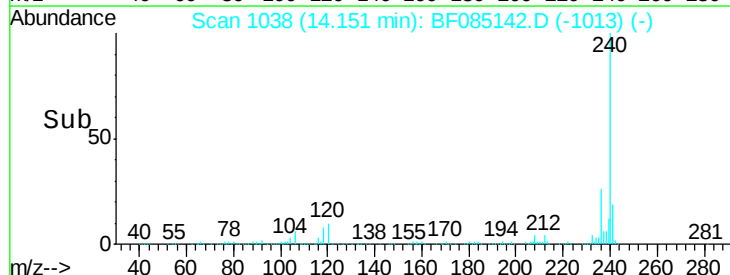
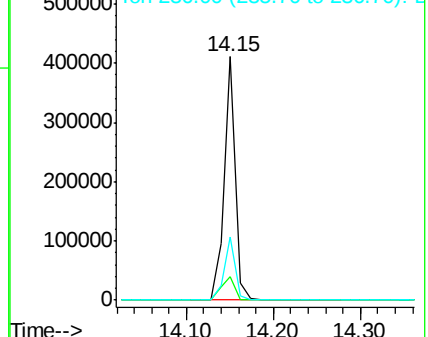
236 26.1 21.6 32.4

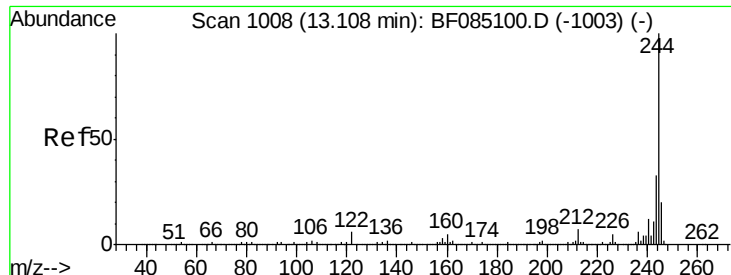


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

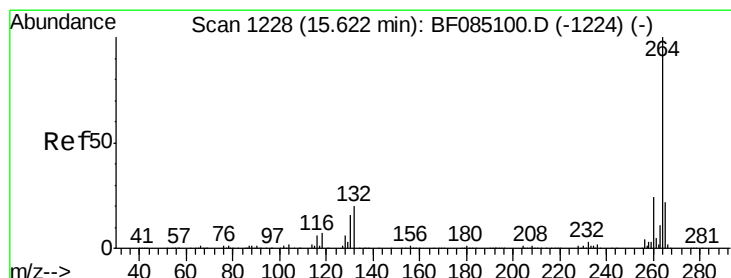
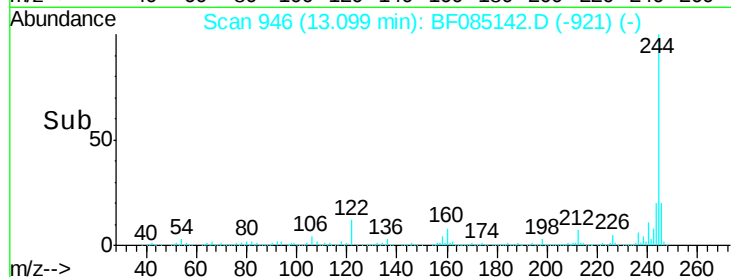
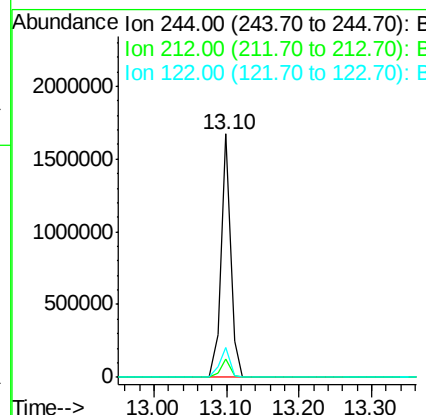
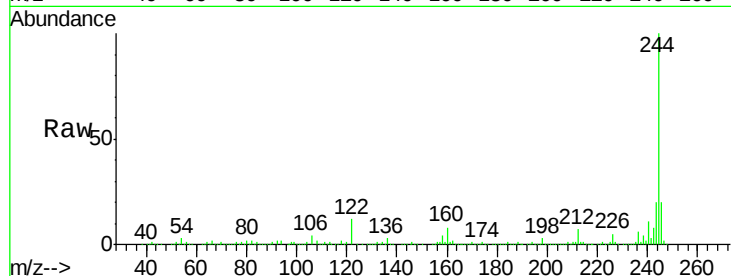




#78
 Terphenyl-d14
 Concen: 96.32 ng
 RT: 13.10 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF085142.D
 Acq: 3 Mar 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-34-022516

Tgt Ion:244 Resp: 1531833
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 12.4 5.1 7.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF085142.D
 Acq: 3 Mar 2016 1:52

Tgt Ion:264 Resp: 376381
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.6 17.4 26.2

