

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085140.D
 Acq On : 3 Mar 2016 00:57
 Operator : SJ/IZ
 Sample : H1623-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-32-022516

Quant Time: Mar 03 04:48:35 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

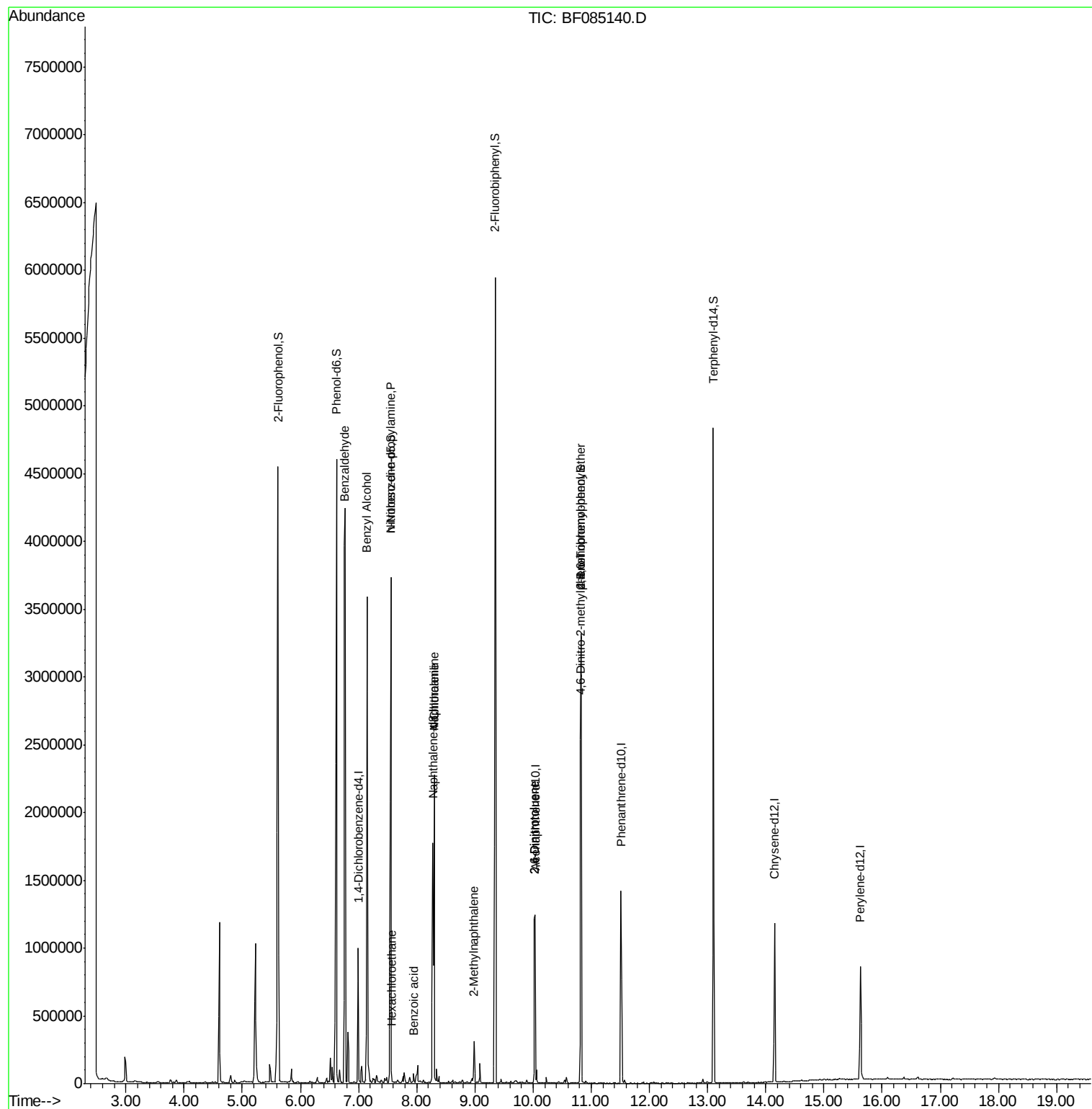
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	200354	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	818006	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	365173	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	606502	20.00	ng	0.00
75) Chrysene-d12	14.15	240	393520	20.00	ng	0.00
86) Perylene-d12	15.63	264	398127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1447245	117.27	ng	0.03
7) Phenol-d6	6.62	99	1816423	112.27	ng	0.00
23) Nitrobenzene-d5	7.56	82	1471805	95.73	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	638294	173.93	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2047172	82.56	ng	0.00
78) Terphenyl-d14	13.10	244	1598191	95.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.76	77	40680	2.67	ng	Qvalue 80
15) Benzyl Alcohol	7.14	79	24471	2.08	ng	# 52
18) Hexachloroethane	7.57	117	23399	4.06	ng	# 21
19) n-Nitroso-di-n-propylamine	7.56	70	203323	19.07	ng	# 78
31) Naphthalene	8.30	128	1050811	25.40	ng	98
32) Benzoic acid	7.96	122	3120	12.69	ng	93
33) 4-Chloroaniline	8.30	127	139750	8.55	ng	# 32
37) 2-Methylnaphthalene	8.98	142	80669	3.19	ng	99
50) 2,6-Dinitrotoluene	10.02	165	47463	8.45	ng	# 22
56) 2,4-Dinitrotoluene	10.02	165	47463	6.27	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.81	198	1365	7.52	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	38095	5.98	ng	# 1

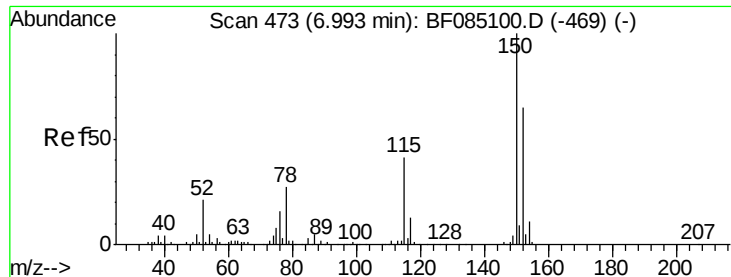
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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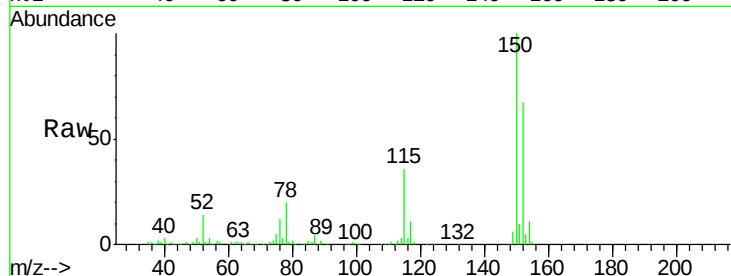


#1

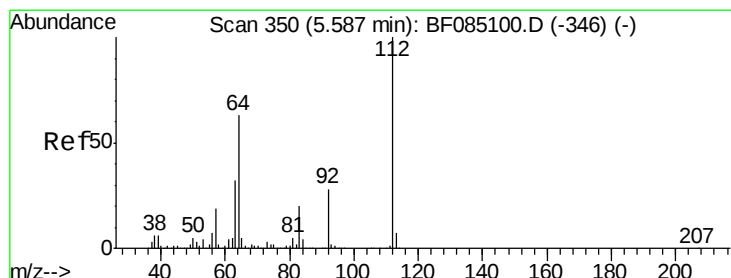
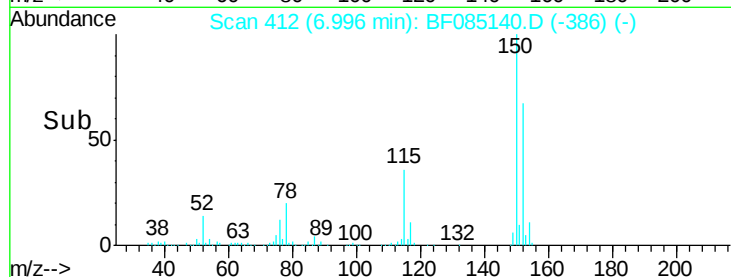
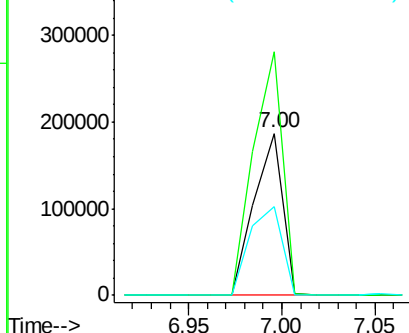
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

Instrument :
BNA_F
ClientSampleId :
HSR-WC-32-022516

Tgt Ion:152 Resp: 200354
Ion Ratio Lower Upper
152 100
150 150.3 123.4 185.0
115 54.5 50.0 75.0



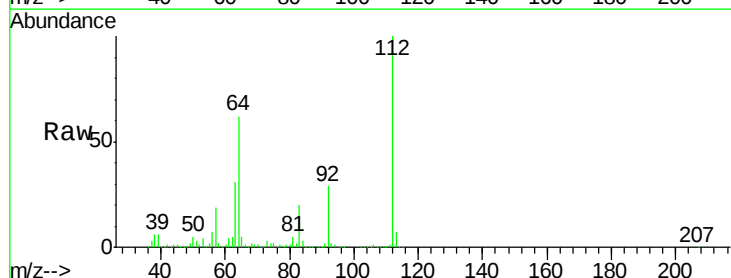
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



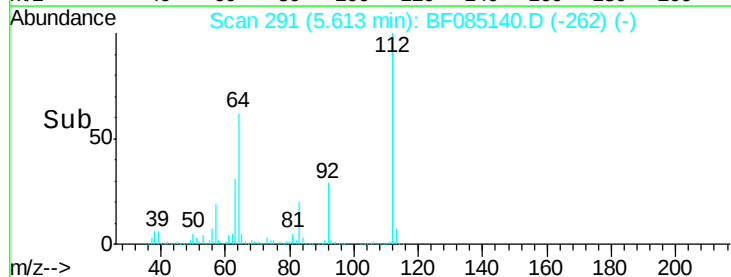
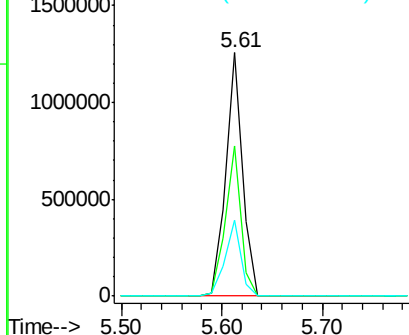
#5

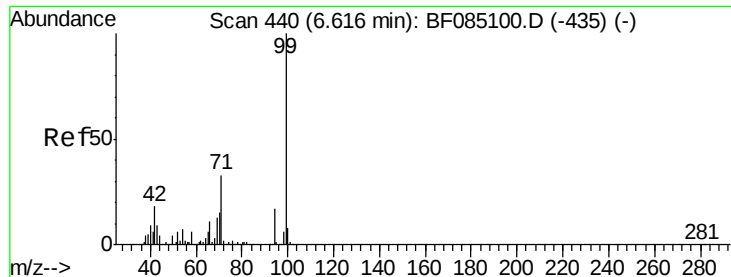
2-Fluorophenol
Concen: 117.27 ng
RT: 5.61 min Scan# 291
Delta R.T. 0.03 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

Tgt Ion:112 Resp: 1447245
Ion Ratio Lower Upper
112 100
64 61.6 50.6 76.0
63 31.3 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: 112.27 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

Instrument :

BNA_F

ClientSampleId :

HSR-WC-32-022516

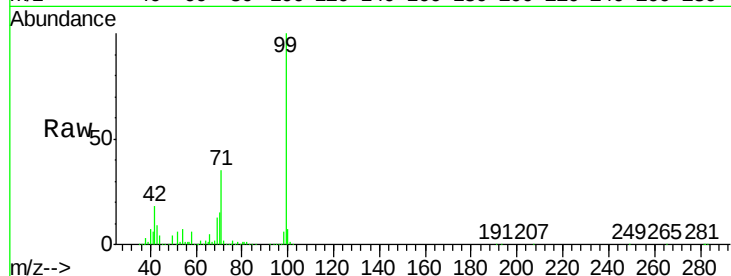
Tgt Ion: 99 Resp: 1816423

Ion Ratio Lower Upper

99 100

42 17.7 14.1 21.1

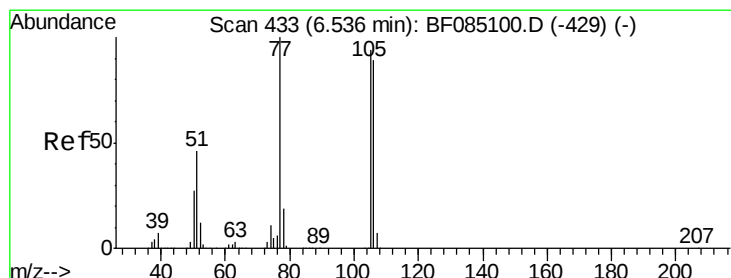
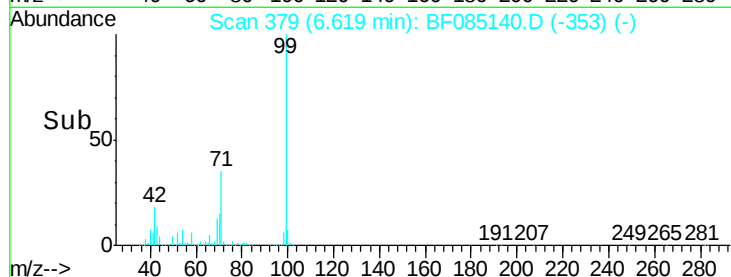
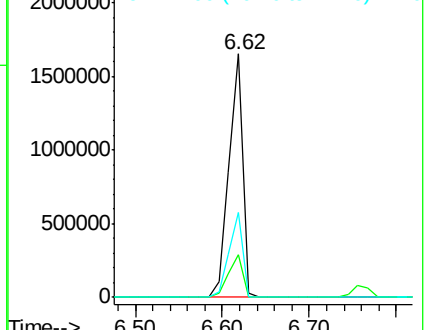
71 34.9 26.8 40.2



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



#9

Benzaldehyde

Concen: 2.67 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.22 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

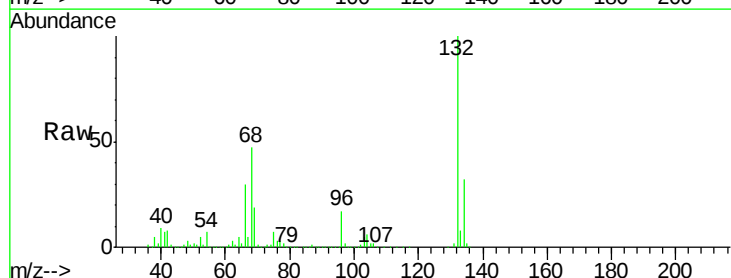
Tgt Ion: 77 Resp: 40680

Ion Ratio Lower Upper

77 100

105 73.8 73.7 113.7

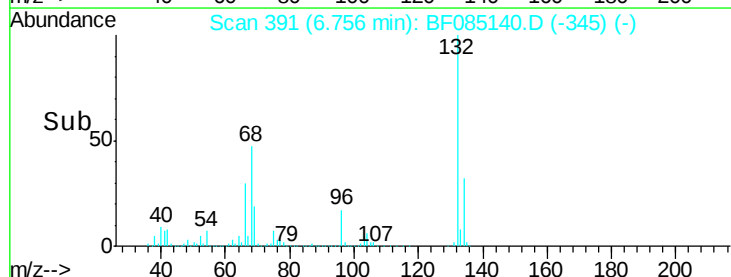
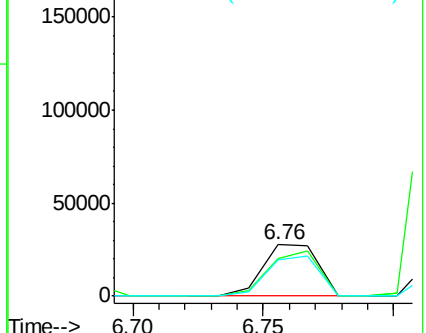
106 70.3 69.2 109.2

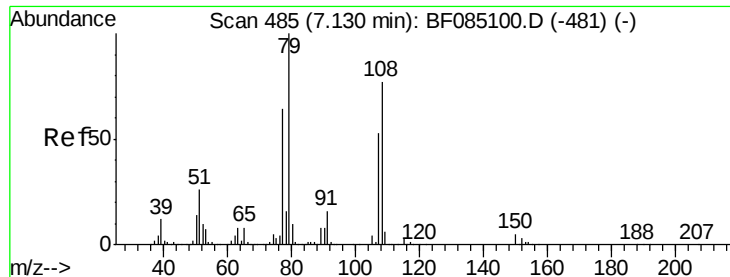


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.14 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

Instrument :

BNA_F

ClientSampleId :

HSR-WC-32-022516

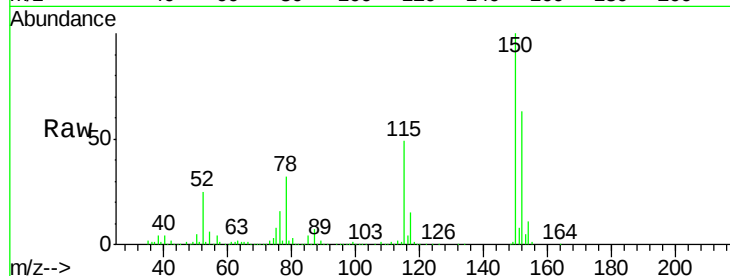
Tgt Ion: 79 Resp: 24471

Ion Ratio Lower Upper

79 100

108 30.5 61.8 92.6#

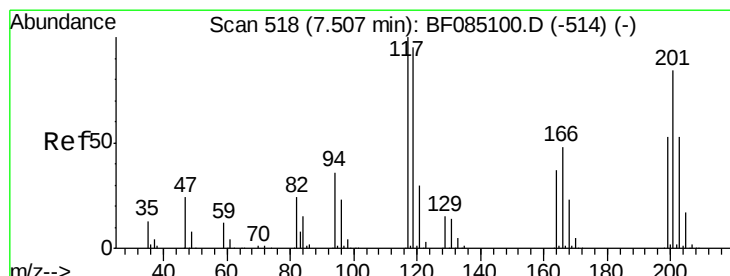
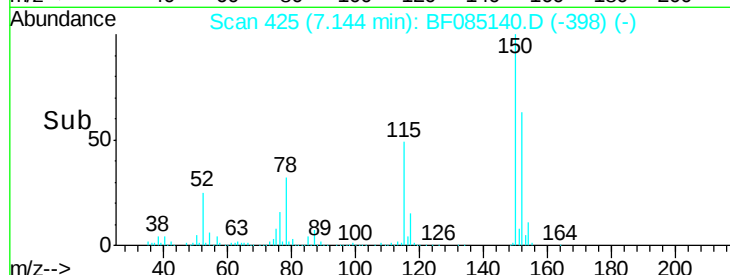
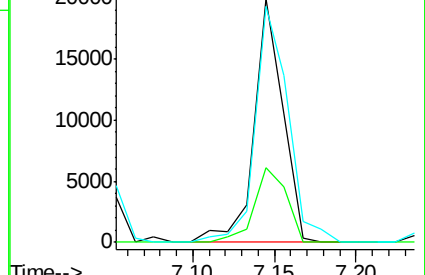
77 96.7 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 4.06 ng

RT: 7.57 min Scan# 462

Delta R.T. 0.06 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

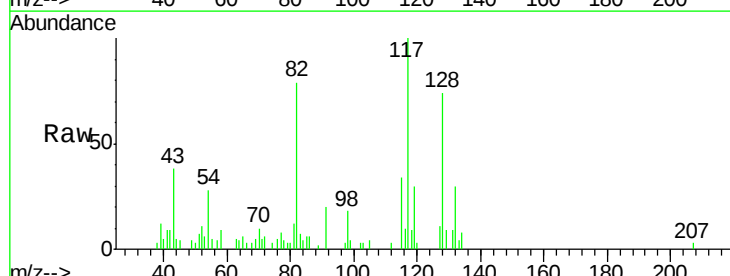
Tgt Ion: 117 Resp: 23399

Ion Ratio Lower Upper

117 100

119 29.6 76.2 114.4#

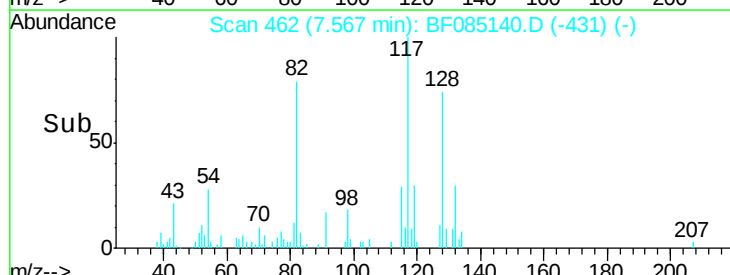
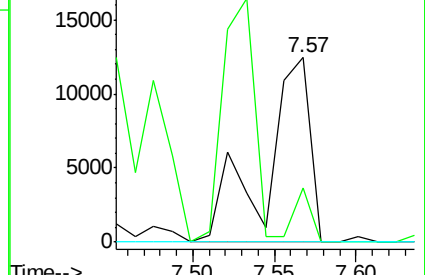
201 0.0 66.8 100.2#

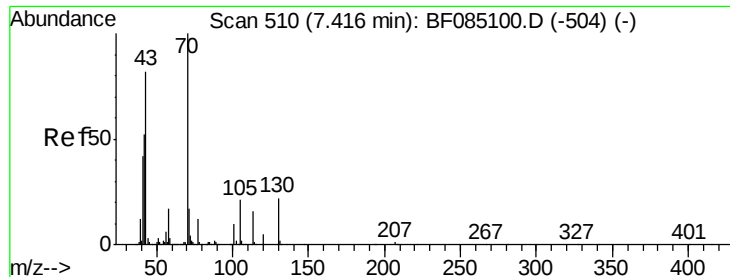


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 19.07 ng

RT: 7.56 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

Instrument :

BNA_F

ClientSampleId :

HSR-WC-32-022516

Tgt Ion: 70 Resp: 203323

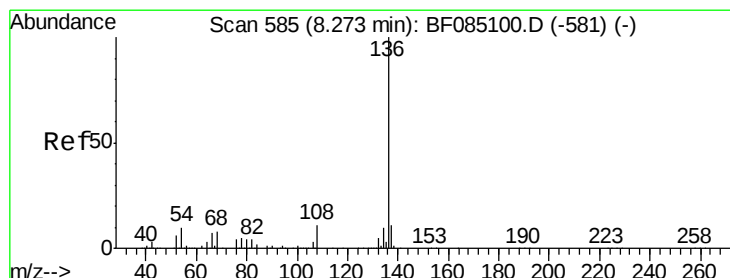
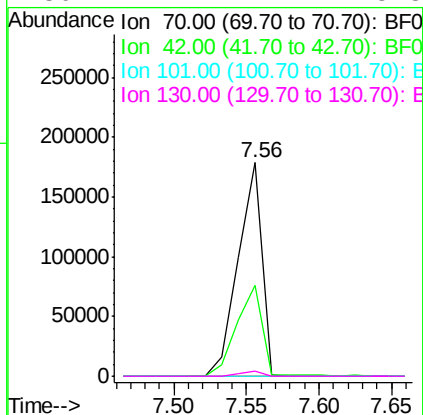
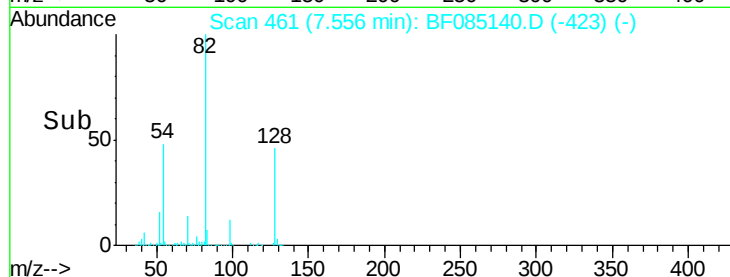
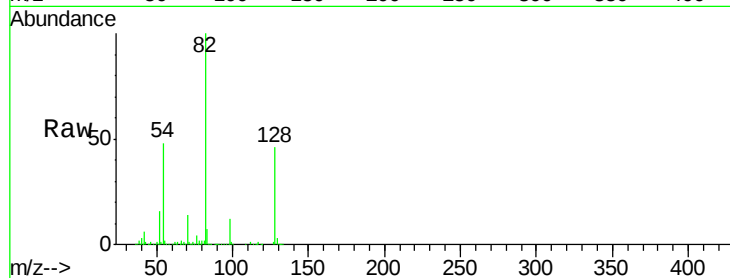
Ion Ratio Lower Upper

70 100

42 42.8 41.9 62.9

101 0.0 7.8 11.8#

130 2.4 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: BF085140.D

Acq: 3 Mar 2016 00:57

Tgt Ion: 136 Resp: 818006

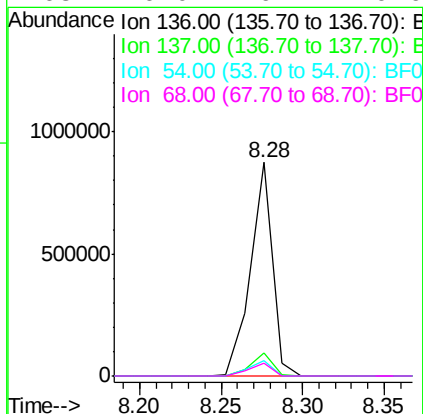
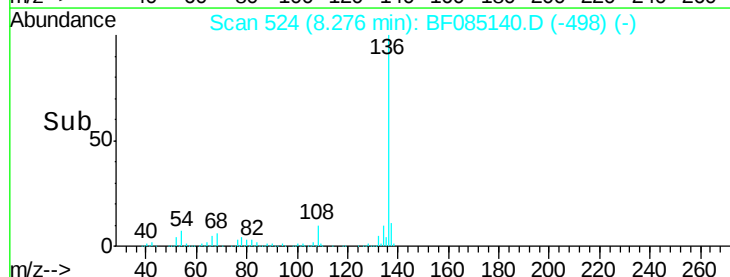
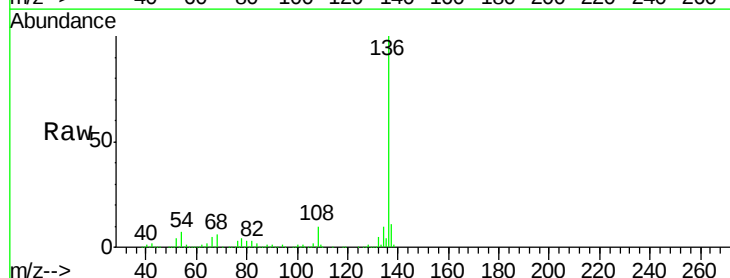
Ion Ratio Lower Upper

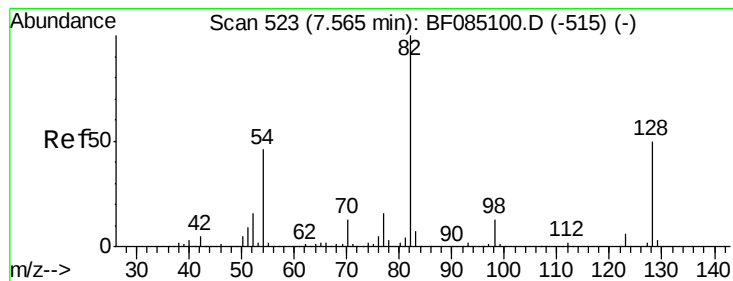
136 100

137 11.0 9.1 13.7

54 7.3 8.5 12.7#

68 6.0 6.4 9.6#





#23

Nitrobenzene-d5

Concen: 95.73 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

Instrument :

BNA_F

ClientSampleId :

HSR-WC-32-022516

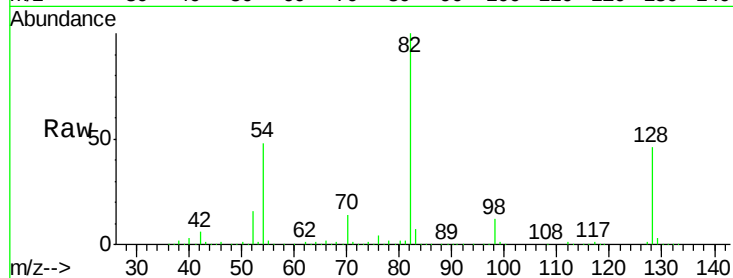
Tgt Ion: 82 Resp: 1471805

Ion Ratio Lower Upper

82 100

128 46.2 39.8 59.6

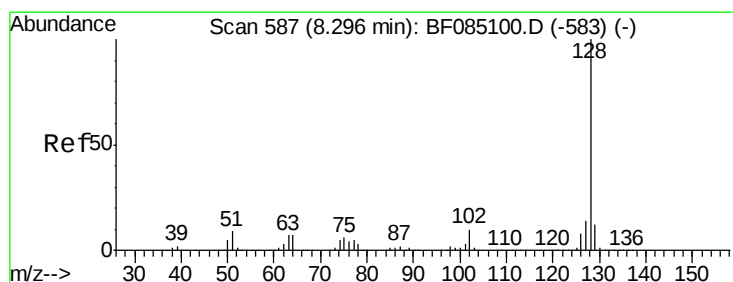
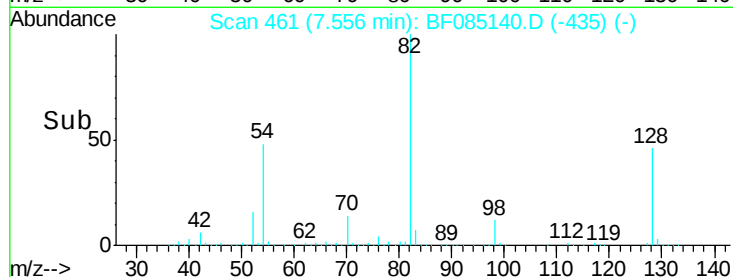
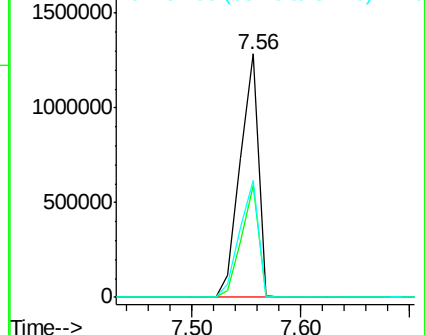
54 47.8 36.6 54.8



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



#31

Naphthalene

Concen: 25.40 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

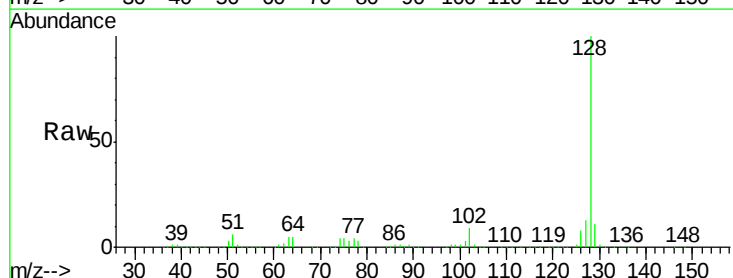
Tgt Ion: 128 Resp: 1050811

Ion Ratio Lower Upper

128 100

129 11.1 9.7 14.5

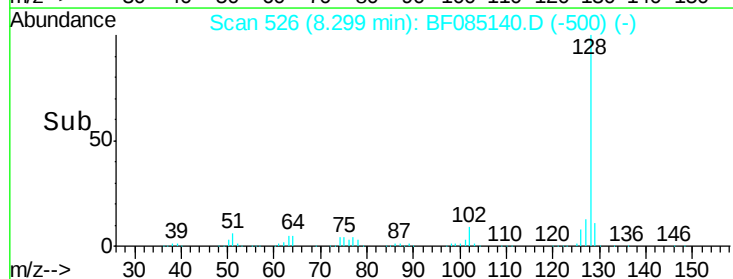
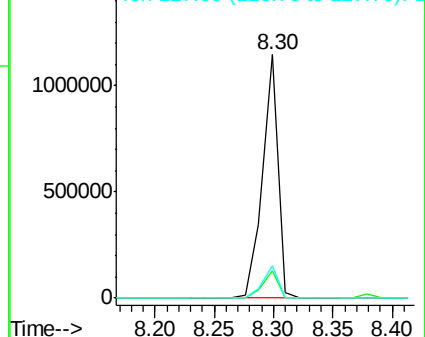
127 13.3 11.1 16.7

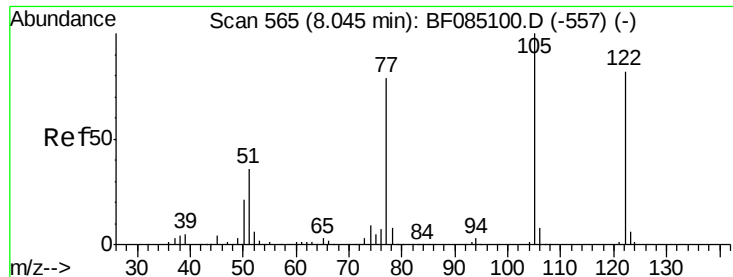


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

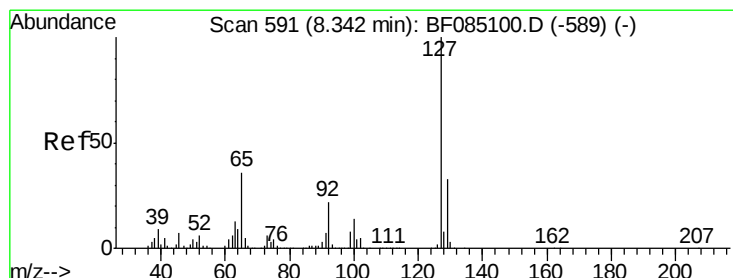
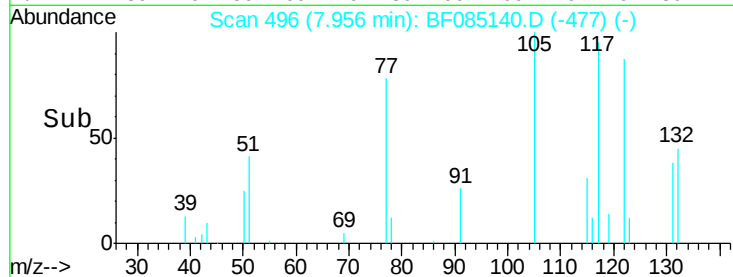
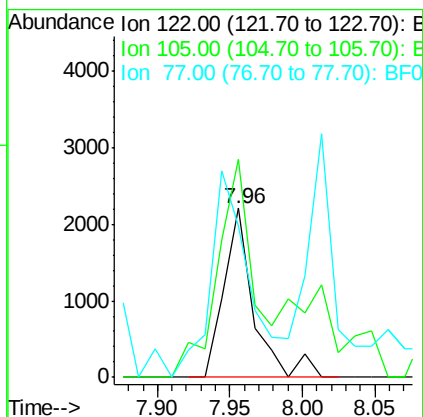
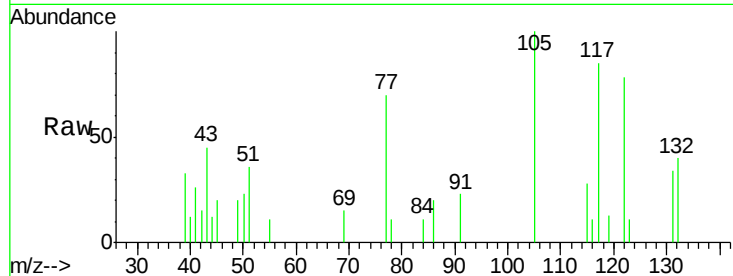




#32
Benzoic acid
Concen: 12.69 ng
RT: 7.96 min Scan# 496
Delta R.T. -0.09 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

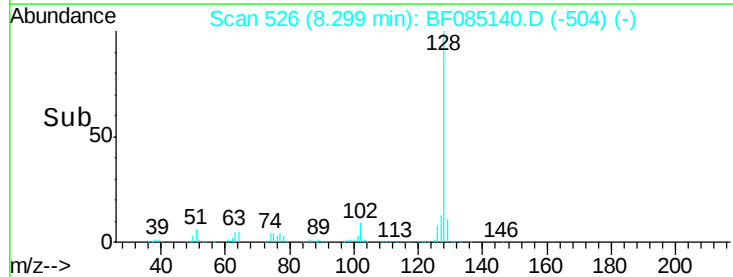
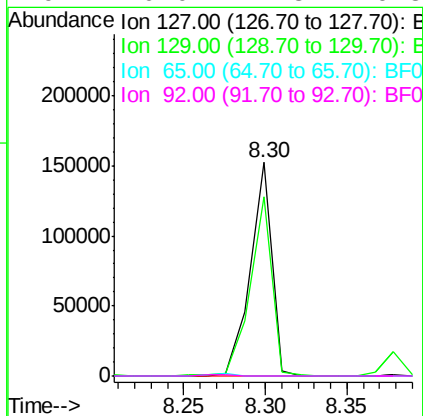
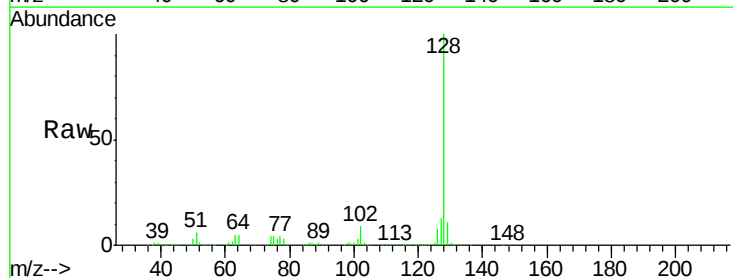
Instrument :
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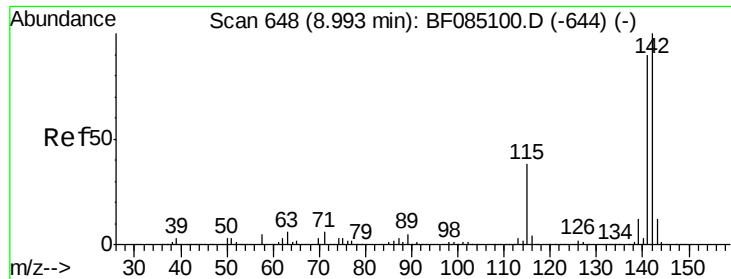
Tgt Ion:122 Resp: 3120
Ion Ratio Lower Upper
122 100
105 128.9 102.0 142.0
77 89.8 76.8 116.8



#33
4-Chloroaniline
Concen: 8.55 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.04 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

Tgt Ion:127 Resp: 139750
Ion Ratio Lower Upper
127 100
129 83.8 26.3 39.5#
65 0.0 28.6 43.0#
92 0.0 17.8 26.8#

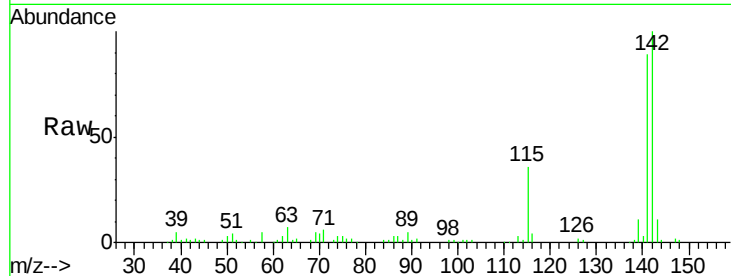




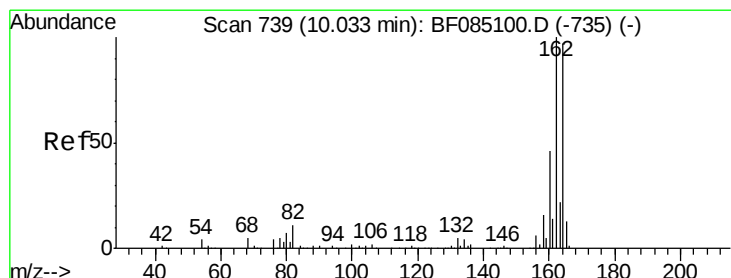
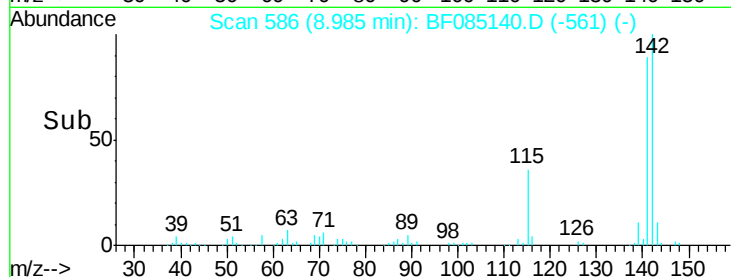
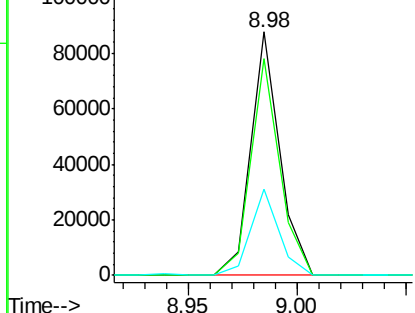
#37
 2-Methylnaphthalene
 Concen: 3.19 ng
 RT: 8.98 min Scan# 586
 Delta R.T. -0.01 min
 Lab File: BF085140.D
 Acq: 3 Mar 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-32-022516

Tgt Ion:142 Resp: 80669
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.7 107.5
 115 35.6 30.1 45.1

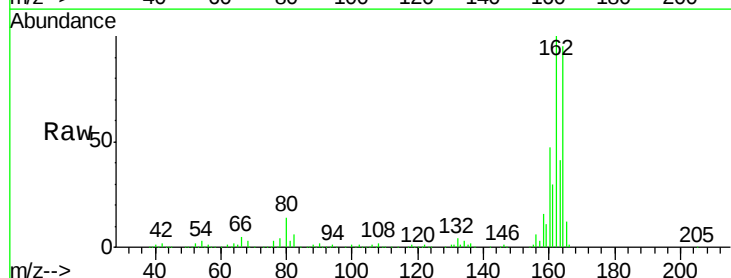


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

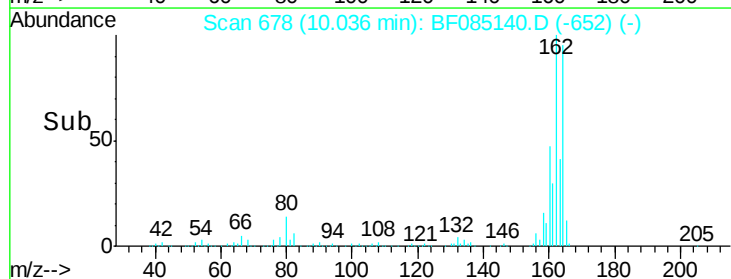
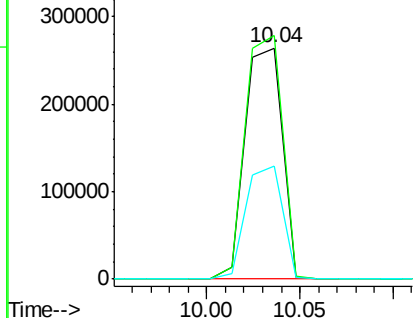


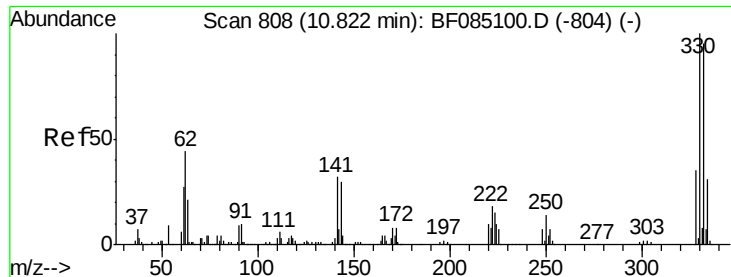
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.04 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF085140.D
 Acq: 3 Mar 2016 00:57

Tgt Ion:164 Resp: 365173
 Ion Ratio Lower Upper
 164 100
 162 105.4 82.6 123.8
 160 49.1 38.2 57.2



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

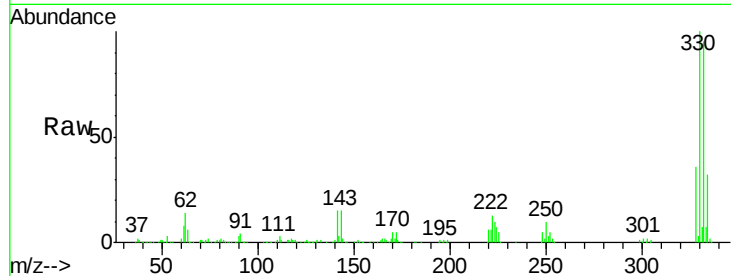




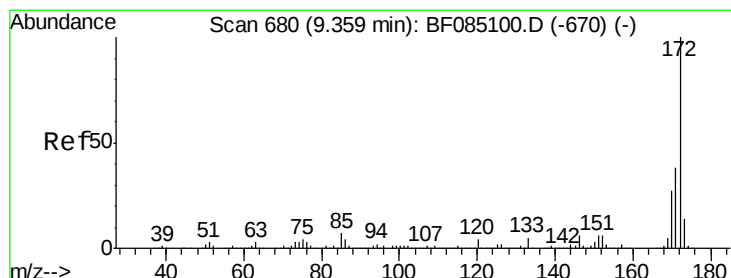
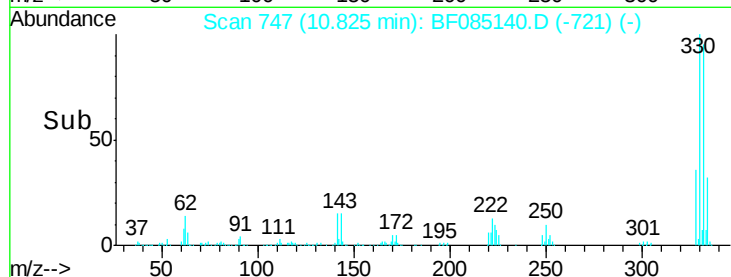
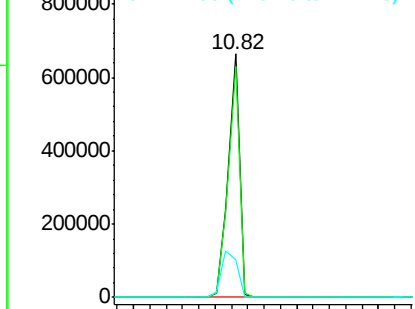
#41
 2,4,6-Tribromophenol
 Concen: 173.93 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085140.D
 Acq: 3 Mar 2016 00:57

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-32-022516

Tgt Ion:330 Resp: 638294
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.9 113.9
 141 26.5 28.9 43.3#

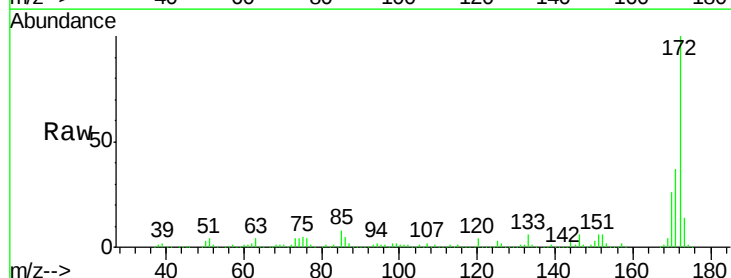


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

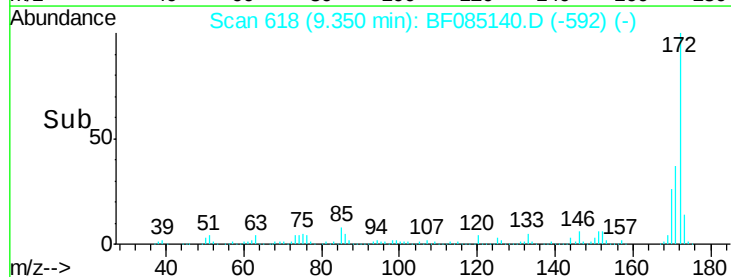
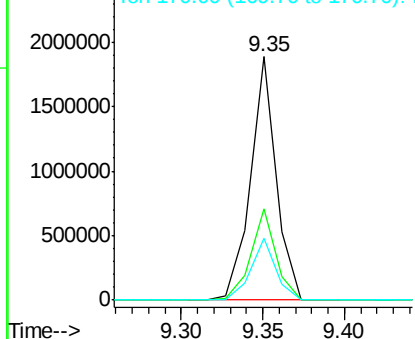


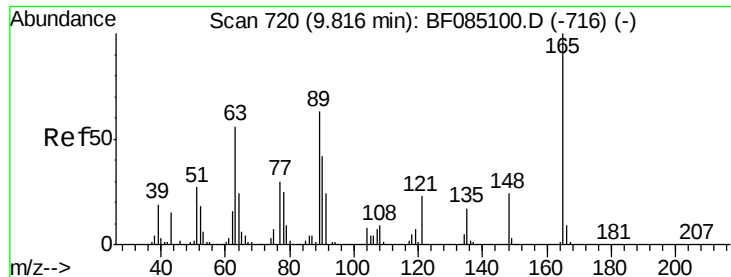
#44
 2-Fluorobiphenyl
 Concen: 82.56 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085140.D
 Acq: 3 Mar 2016 00:57

Tgt Ion:172 Resp: 2047172
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.5 45.7
 170 25.6 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

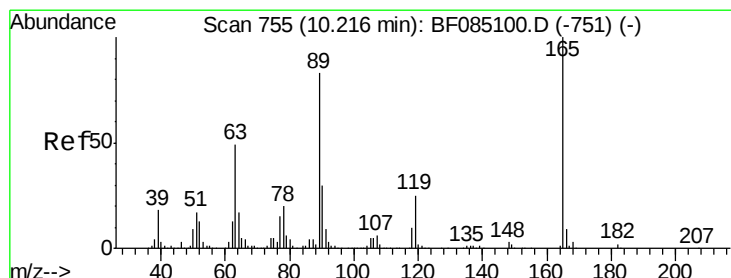
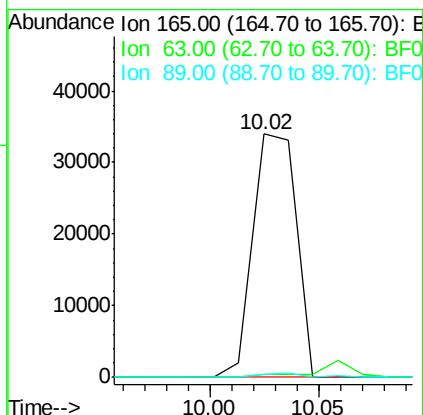
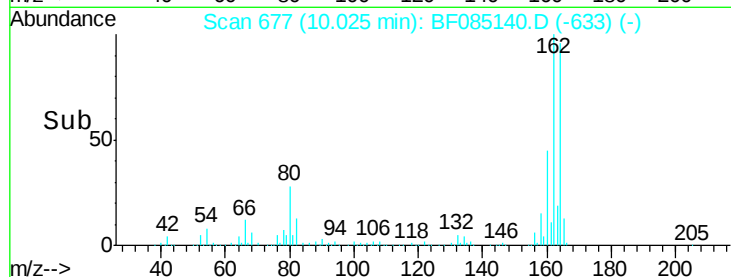
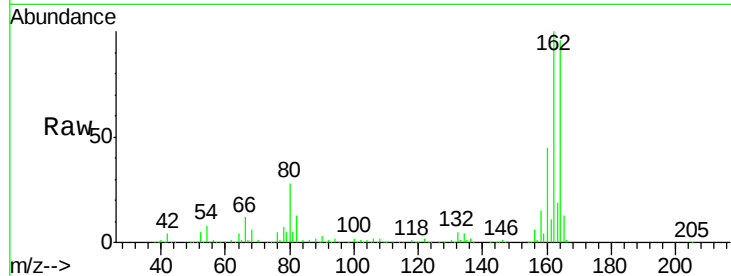




#50
2,6-Dinitrotoluene
Concen: 8.45 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

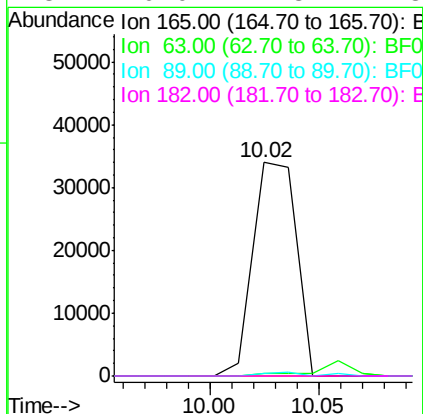
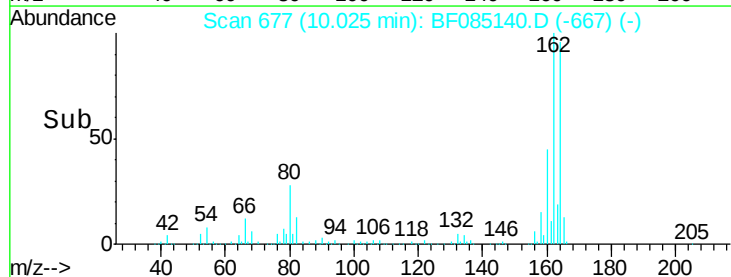
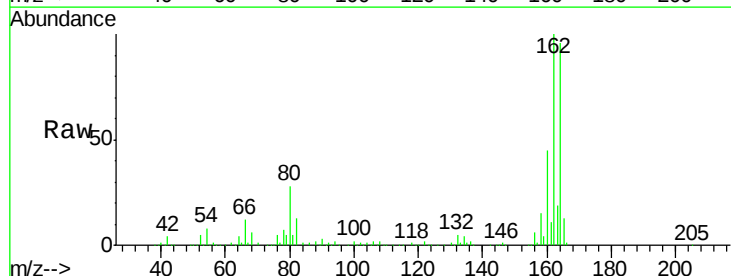
Instrument :
BNA_F
ClientSampleId :
HSR-WC-32-022516

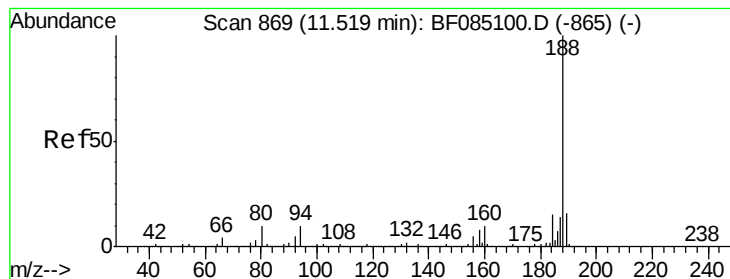
Tgt Ion:165 Resp: 47463
Ion Ratio Lower Upper
165 100
63 1.4 47.4 71.2#
89 1.4 50.2 75.2#



#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

Tgt Ion:165 Resp: 47463
Ion Ratio Lower Upper
165 100
63 1.4 39.2 58.8#
89 1.4 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: BF085140.D

Acq: 3 Mar 2016 00:57

Instrument :

BNA_F

ClientSampleId :

HSR-WC-32-022516

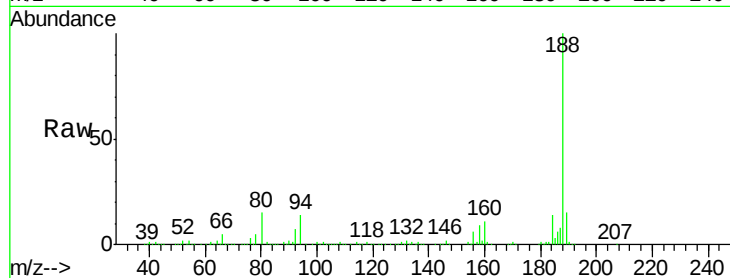
Tgt Ion:188 Resp: 606502

Ion Ratio Lower Upper

188 100

94 13.8 7.8 11.6#

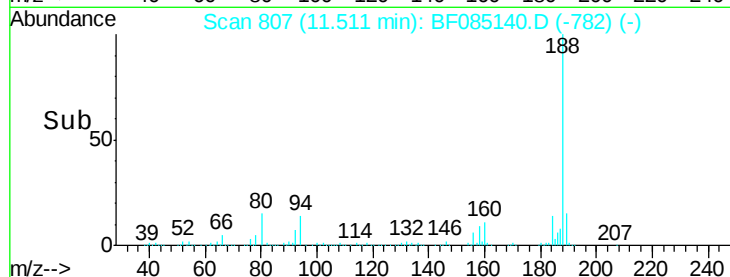
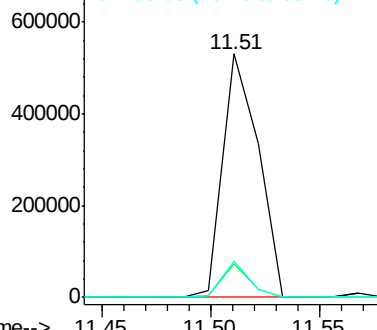
80 14.7 8.2 12.4#



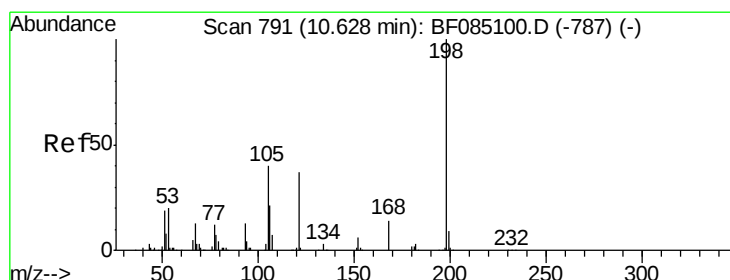
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.45 11.50 11.55



#64

4,6-Dinitro-2-methylphenol

Concen: 7.52 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.19 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

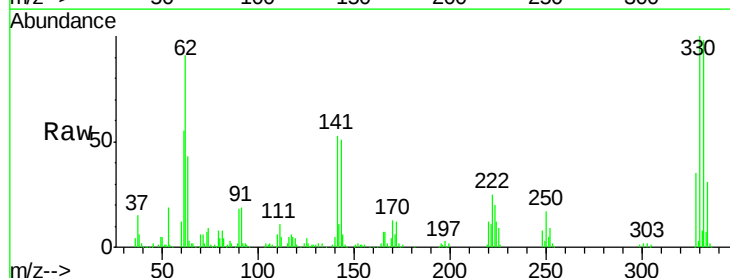
Tgt Ion:198 Resp: 1365

Ion Ratio Lower Upper

198 100

51 193.6 12.5 52.5#

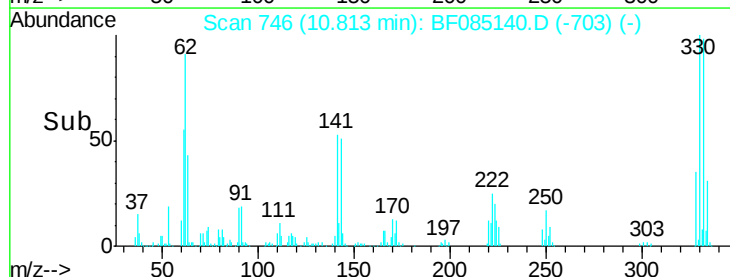
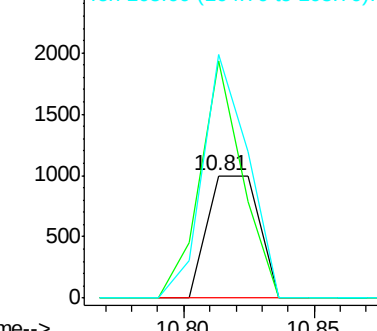
105 198.6 20.2 60.2#



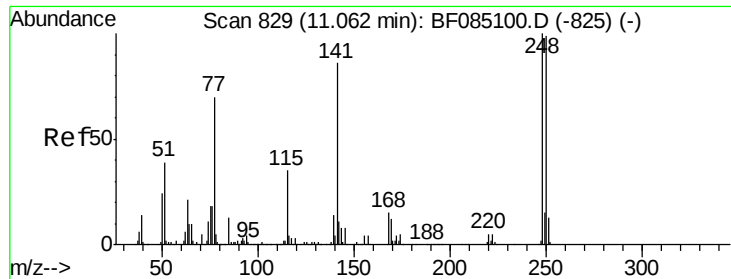
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



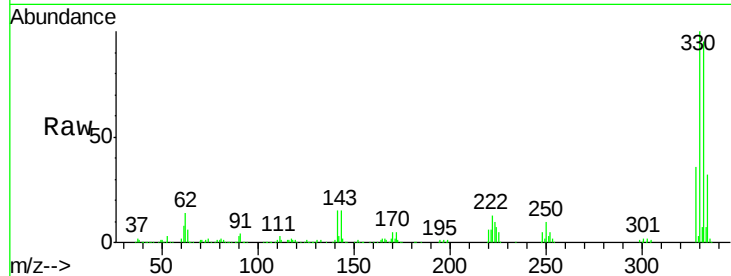
Time--> 10.80 10.85



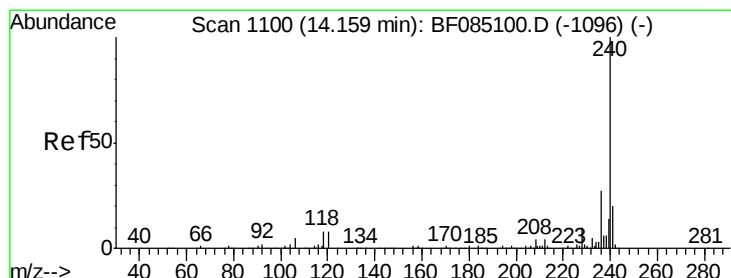
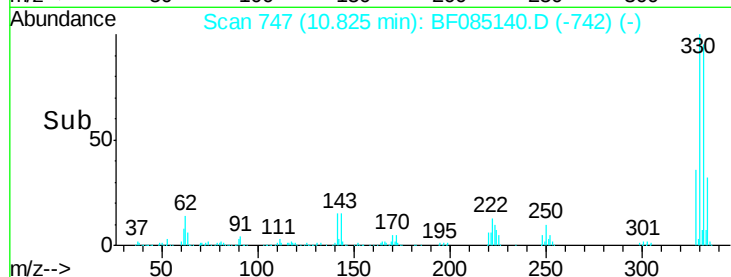
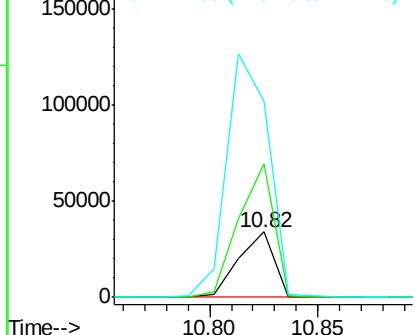
#66
4-Bromophenyl-phenylether
Concen: 5.98 ng
RT: 10.82 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

Instrument :
BNA_F
ClientSampleId :
HSR-WC-32-022516

Tgt Ion:248 Resp: 38095
Ion Ratio Lower Upper
248 100
250 204.6 79.0 118.4#
141 300.5 68.6 103.0#

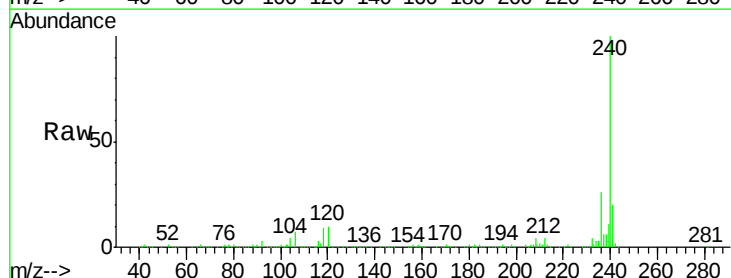


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

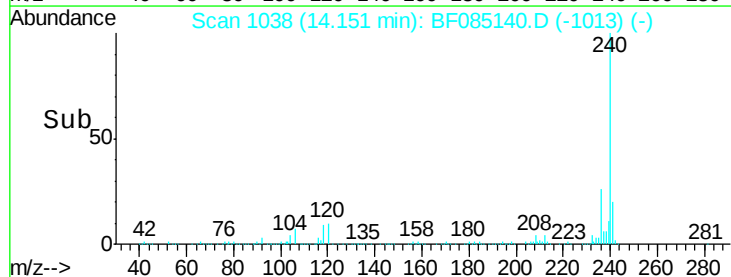
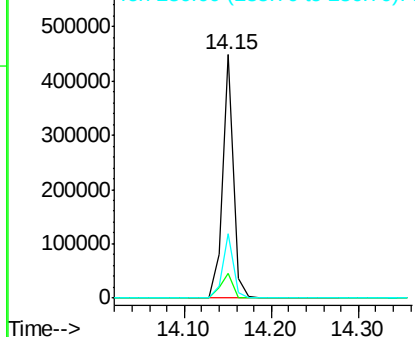


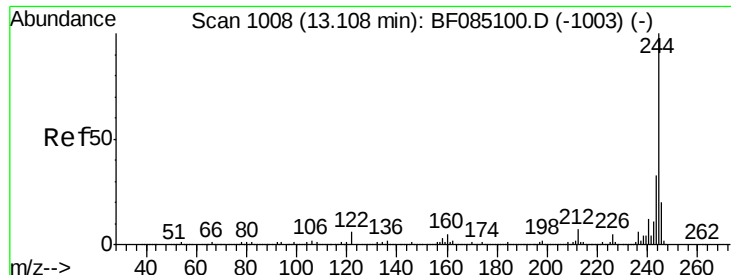
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF085140.D
Acq: 3 Mar 2016 00:57

Tgt Ion:240 Resp: 393520
Ion Ratio Lower Upper
240 100
120 10.2 6.7 10.1#
236 26.3 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: 95.27 ng

RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

Instrument :

BNA_F

ClientSampleId :

HSR-WC-32-022516

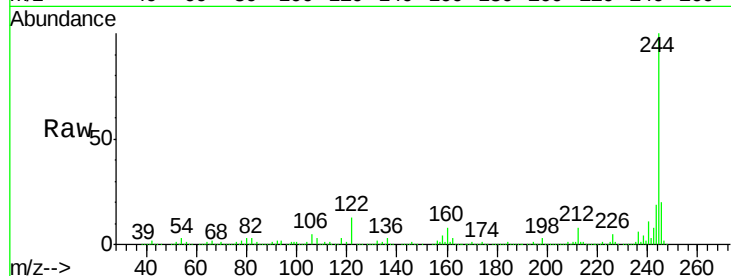
Tgt Ion:244 Resp: 1598191

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

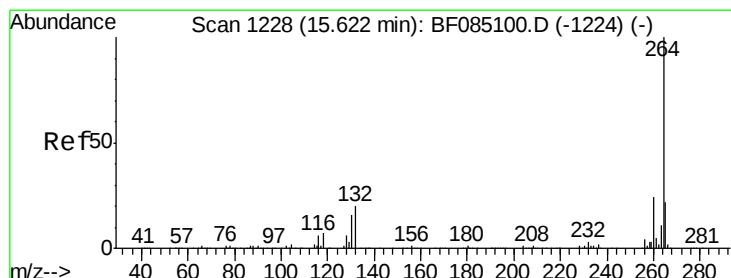
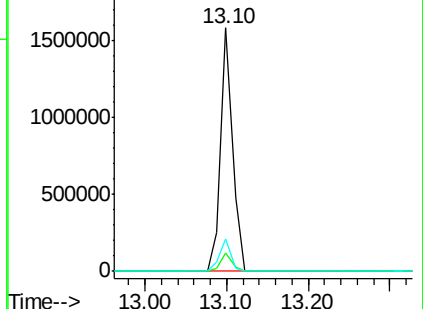
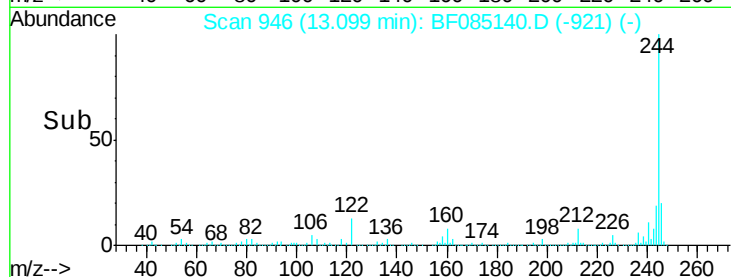
122 13.4 5.1 7.7#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF085140.D

Acq: 3 Mar 2016 00:57

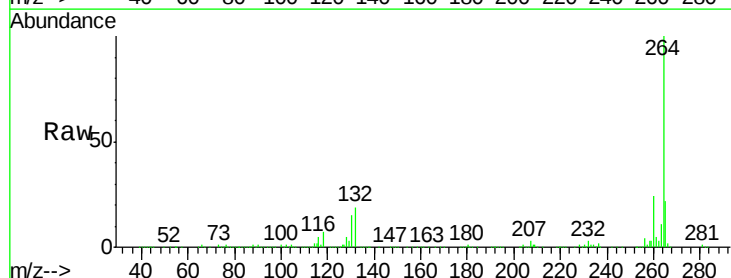
Tgt Ion:264 Resp: 398127

Ion Ratio Lower Upper

264 100

260 23.7 19.6 29.4

265 22.0 17.4 26.2



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

