

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085405.D
 Acq On : 12 Mar 2016 8:02
 Operator : UM/SJ
 Sample : H1730-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-17-COMP(0.5-1.5)

Quant Time: Mar 14 00:44:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

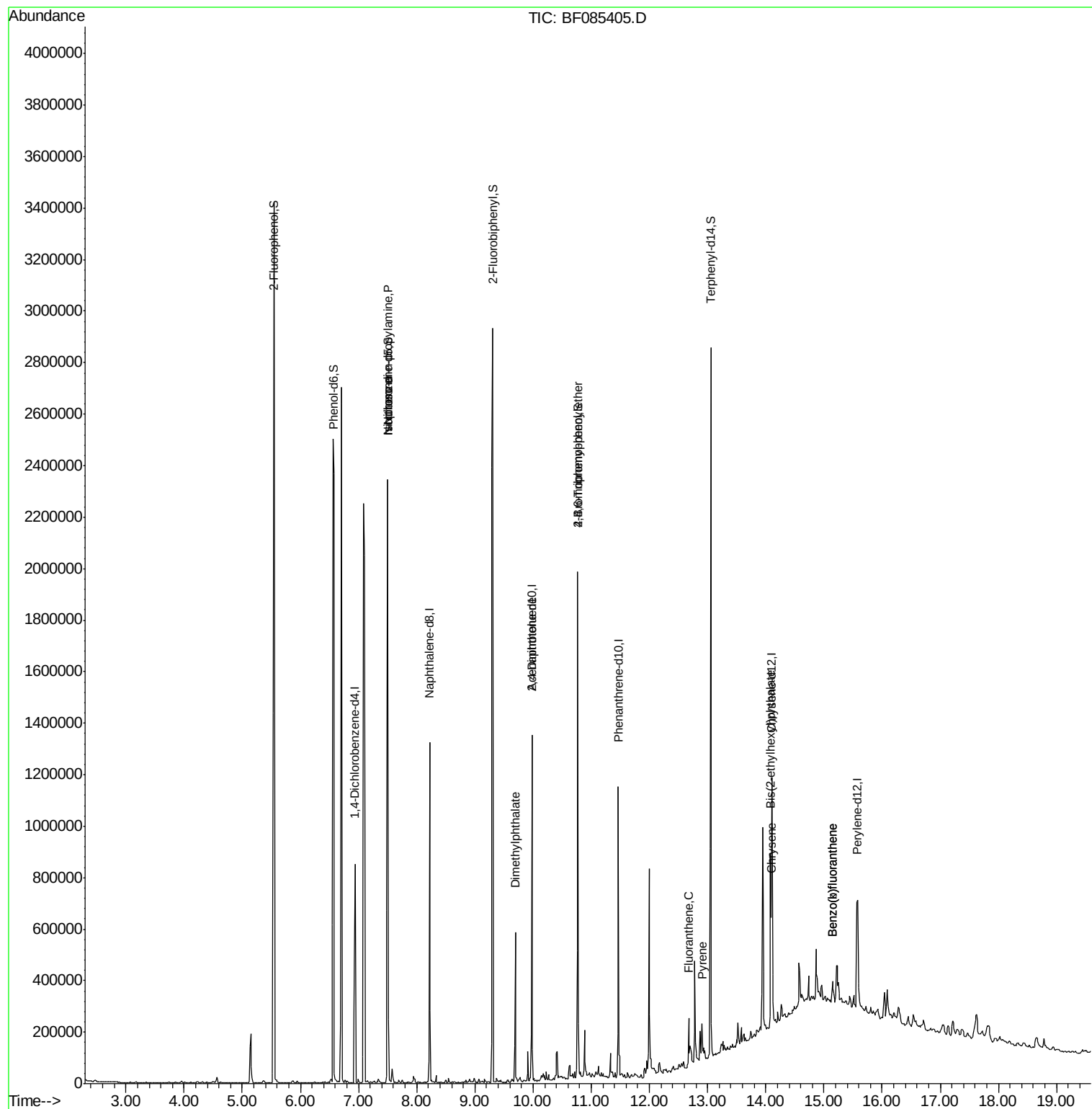
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	154188	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	575310	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	238051	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	373864	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	305755	20.00	ng	-0.05
86) Perylene-d12	15.58	264	243971	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1049115	114.13	ng	-0.03
7) Phenol-d6	6.57	99	1493619	124.02	ng	-0.03
23) Nitrobenzene-d5	7.50	82	796695	74.10	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	209685	102.94	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1288625	82.33	ng	-0.05
78) Terphenyl-d14	13.05	244	825819	62.70	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.48	77	1238	Below Cal		Qvalue 91
19) n-Nitroso-di-n-propylamine	7.50	70	107308	13.67 ng	#	78
25) Isophorone	7.50	82	626565	31.45 ng	#	67
49) Dimethylphthalate	9.69	163	228552	12.51 ng		99
56) 2,4-Dinitrotoluene	9.98	165	30564	6.11 ng	#	22
66) 4-Bromophenyl-phenylether	10.77	248	15485	4.27 ng	#	1
74) Fluoranthene	12.68	202	56111	2.85 ng		98
77) Pyrene	12.91	202	53510	2.33 ng		97
82) Chrysene	14.09	228	33899	2.00 ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	203496	14.81 ng	#	98
87) Benzo(b)fluoranthene	15.15	252	50204	3.09 ng	#	91
88) Benzo(k)fluoranthene	15.15	252	50204	3.83 ng	#	90

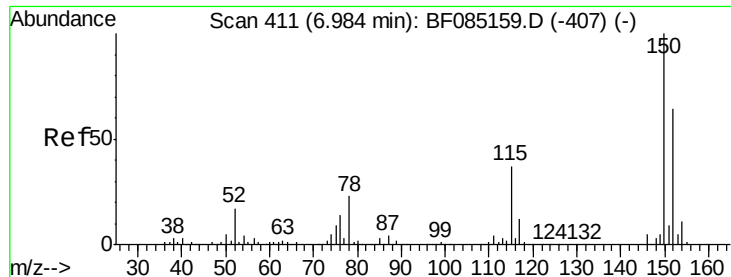
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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W170TH-SB-17-COMP(0.5-1.5)

Quant Time: Mar 14 00:44:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-17-COMP(0.5-1.5)

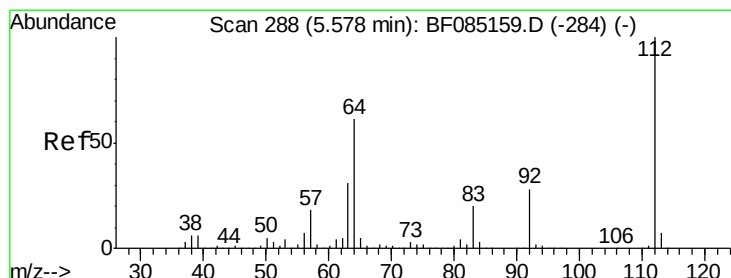
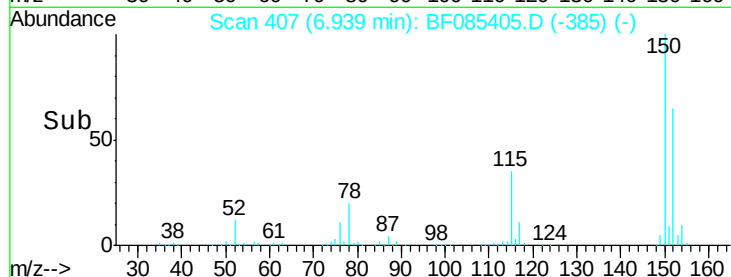
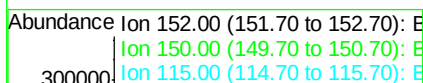
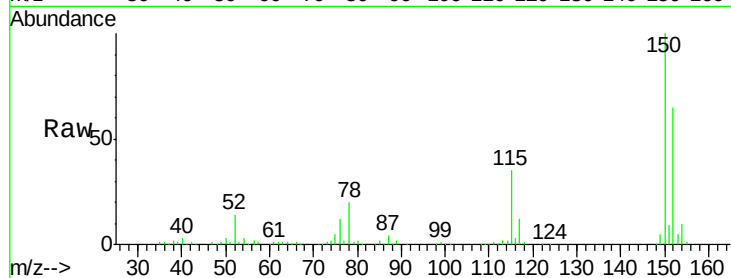
Tgt Ion:152 Resp: 154188

Ion Ratio Lower Upper

152 100

150 155.0 124.6 186.8

115 54.9 46.6 70.0



#5

2-Fluorophenol

Concen: 114.13 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

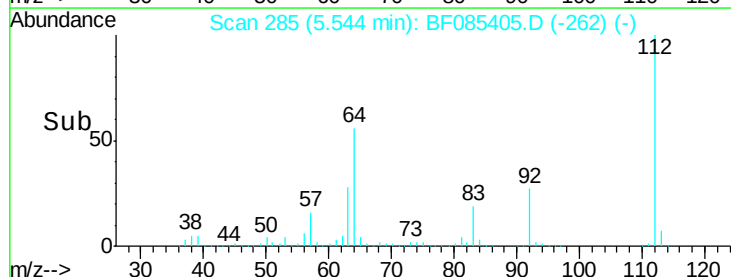
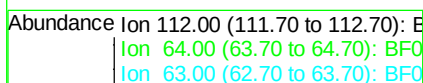
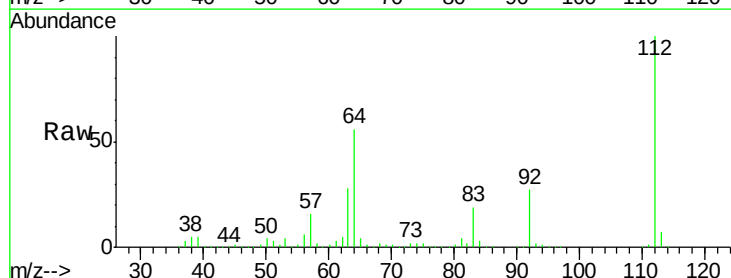
Tgt Ion:112 Resp: 1049115

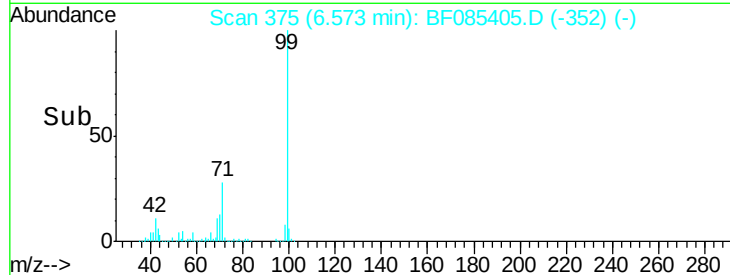
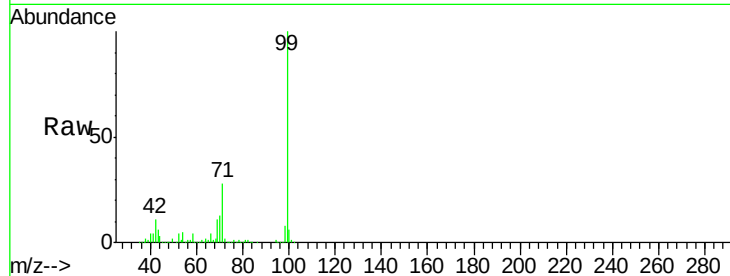
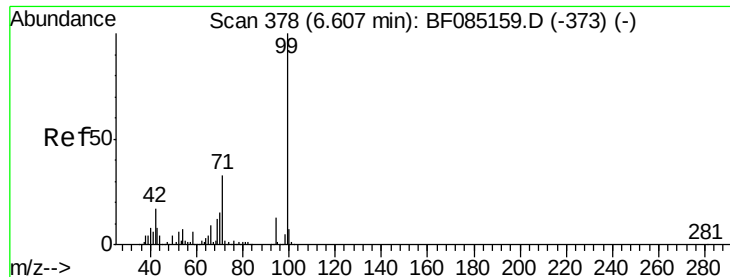
Ion Ratio Lower Upper

112 100

64 56.4 49.0 73.4

63 28.4 24.8 37.2





#7

Phenol-d6

Concen: 124.02 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-17-COMP(0.5-1.5)

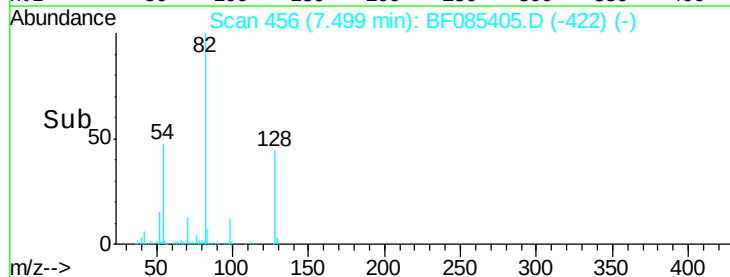
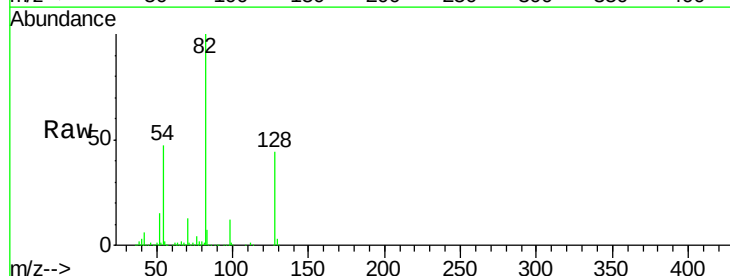
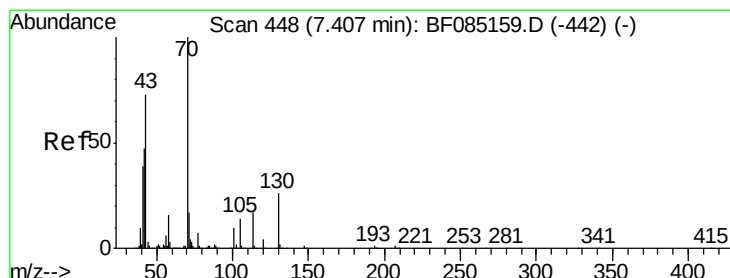
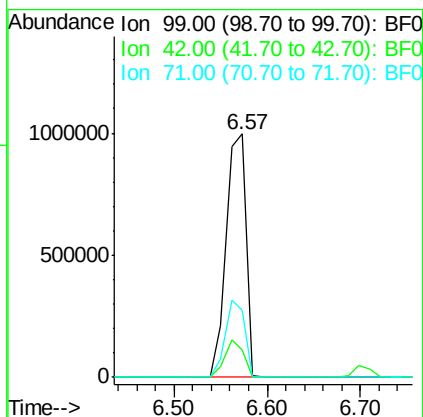
Tgt Ion: 99 Resp: 1493619

Ion Ratio Lower Upper

99 100

42 11.1 13.6 20.4#

71 27.5 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.67 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Tgt Ion: 70 Resp: 107308

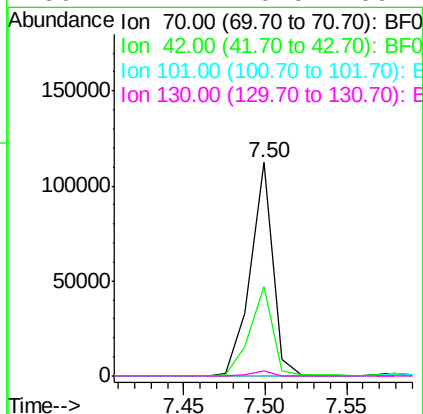
Ion Ratio Lower Upper

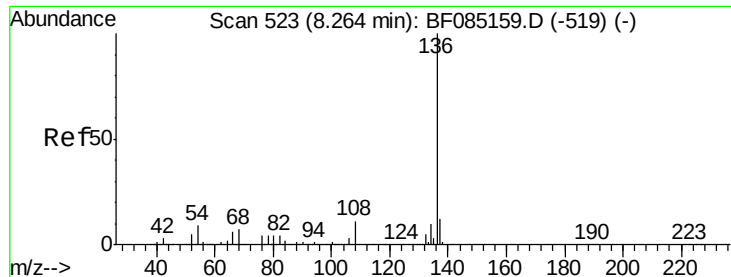
70 100

42 41.9 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#

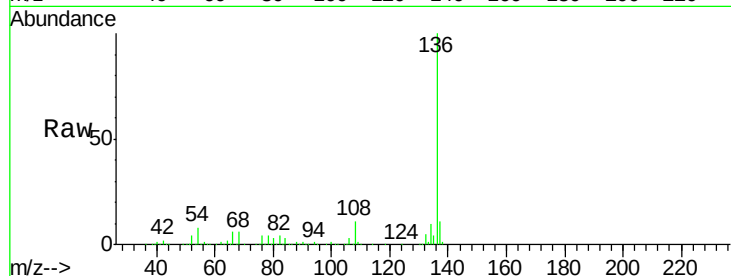




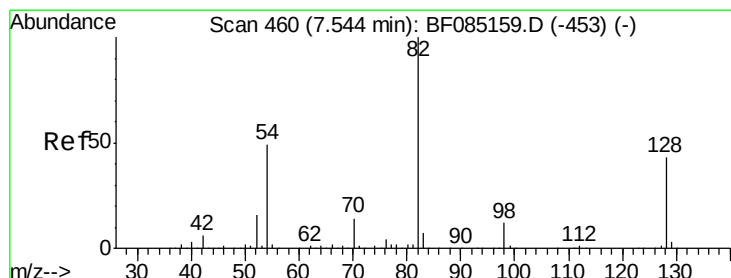
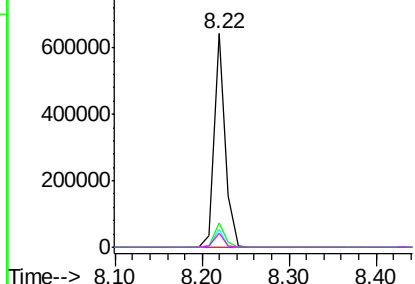
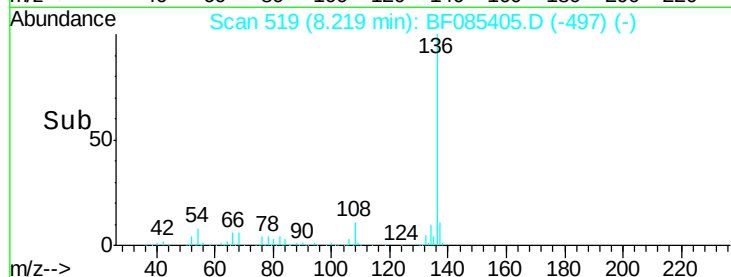
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-17-COMP(0.5-1.5)

Tgt Ion:	136	Resp:	575310
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	8.3	7.4	11.2
68	6.4	6.0	9.0

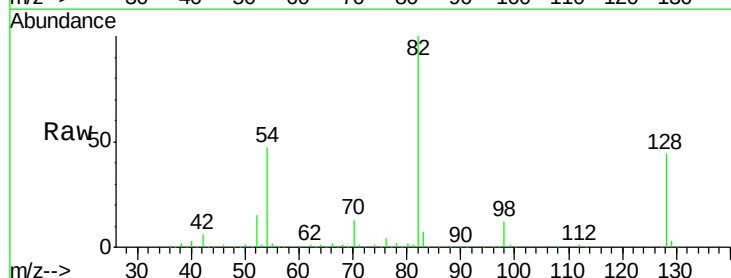


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

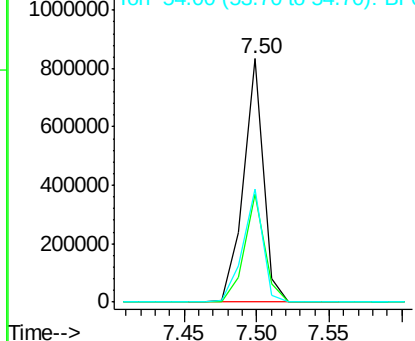
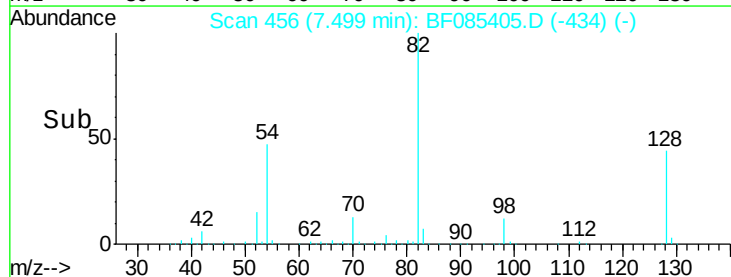


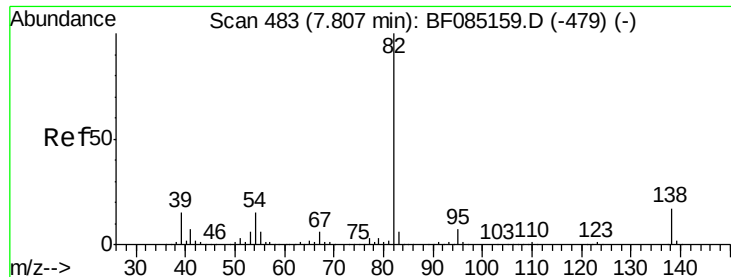
#23
Nitrobenzene-d5
Concen: 74.10 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

Tgt Ion:	82	Resp:	796695
Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.5	51.7
54	46.5	39.3	58.9



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: 31.45 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.31 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-17-COMP(0.5-1.5)

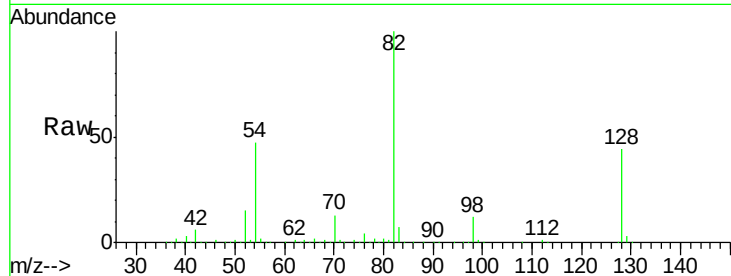
Tgt Ion: 82 Resp: 626565

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

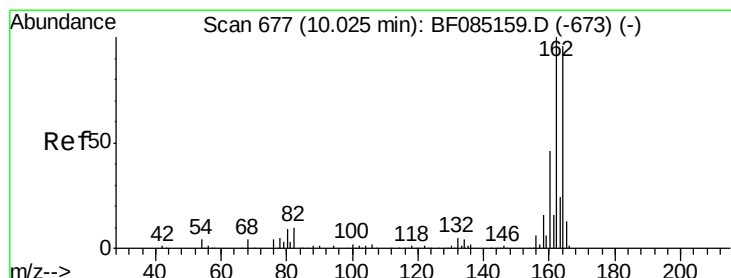
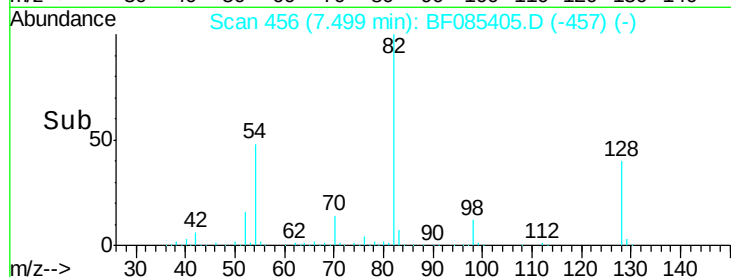
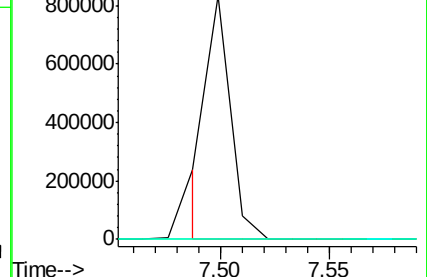
138 0.0 13.3 19.9#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.05 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

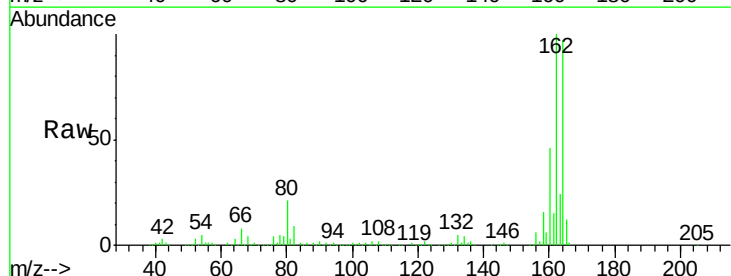
Tgt Ion: 164 Resp: 238051

Ion Ratio Lower Upper

164 100

162 102.9 83.3 124.9

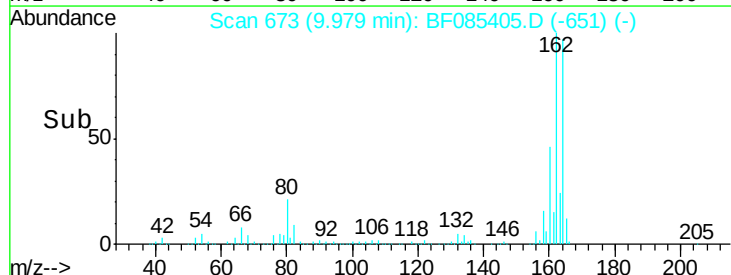
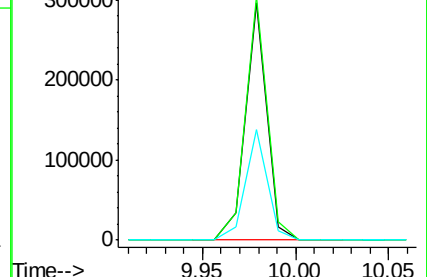
160 47.0 37.9 56.9

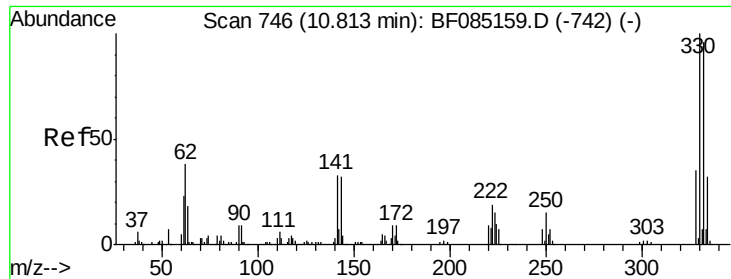


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

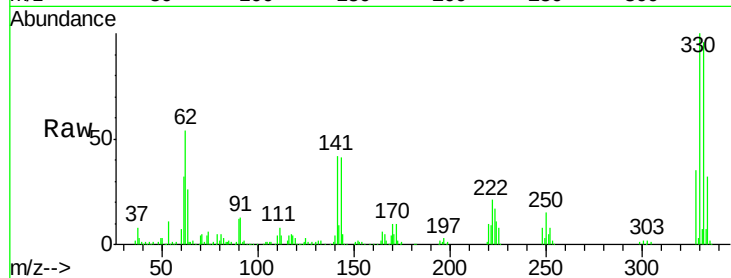




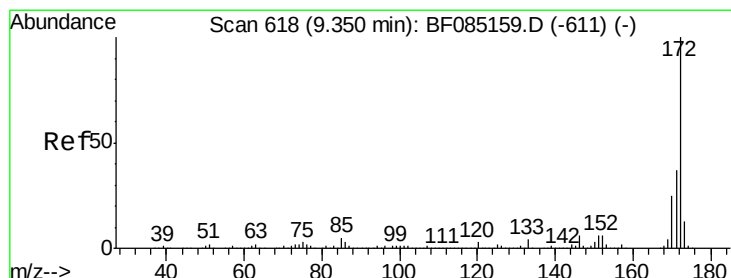
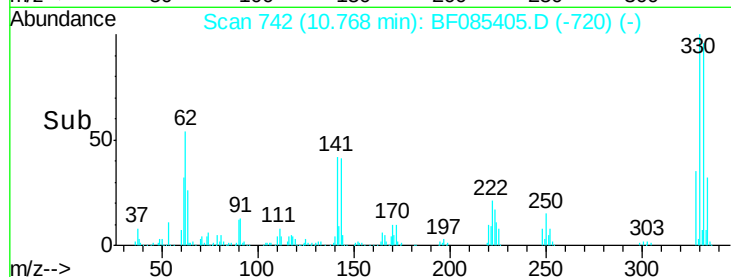
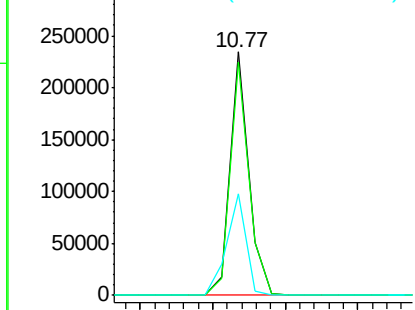
#41
 2,4,6-Tribromophenol
 Concen: 102.94 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085405.D
 Acq: 12 Mar 2016 8:02

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-17-COMP(0.5-1.5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	43.9	35.0	52.6

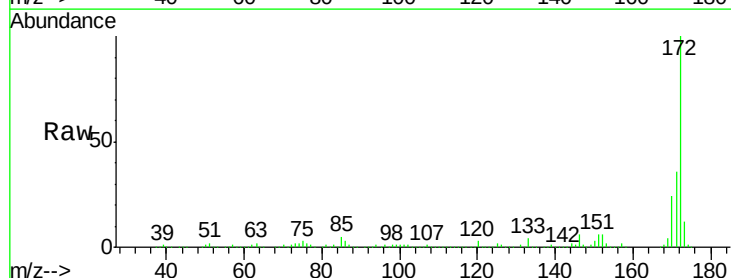


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

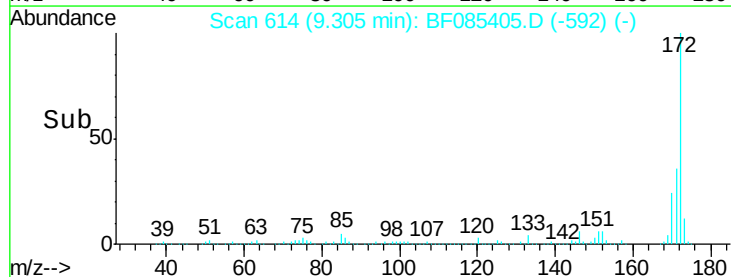
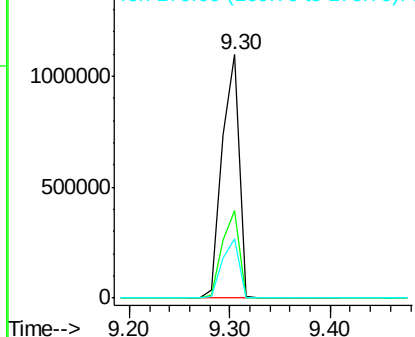


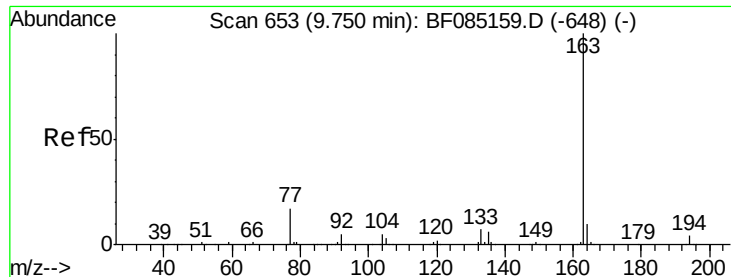
#44
 2-Fluorobiphenyl
 Concen: 82.33 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085405.D
 Acq: 12 Mar 2016 8:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.3	43.9
170	24.1	20.0	30.0



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: 12.51 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.06 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-17-COMP(0.5-1.5)

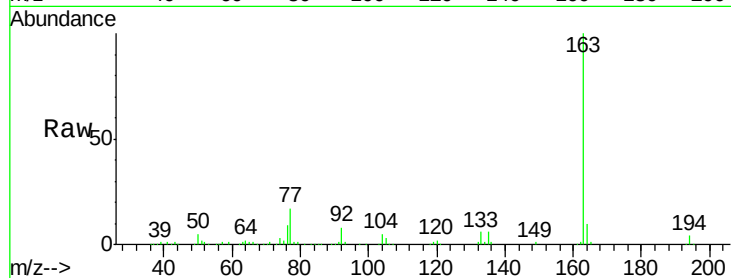
Tgt Ion:163 Resp: 228552

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

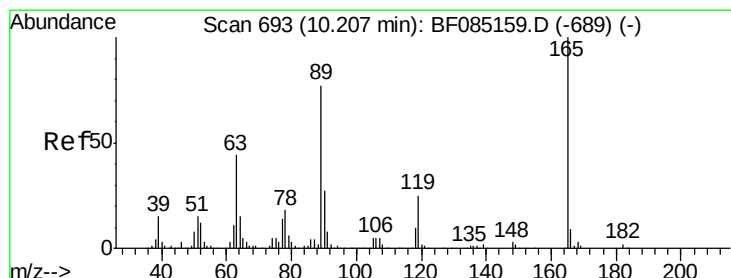
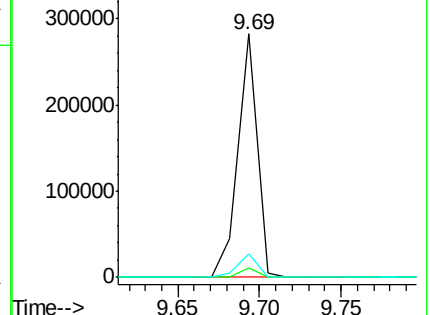
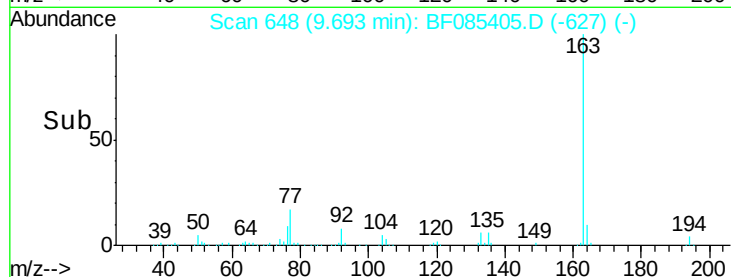
164 9.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.11 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.23 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Tgt Ion:165 Resp: 30564

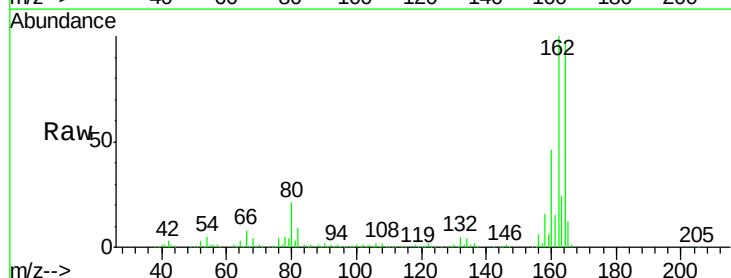
Ion Ratio Lower Upper

165 100

63 1.3 35.4 53.0#

89 1.5 61.9 92.9#

182 0.0 1.9 2.9#

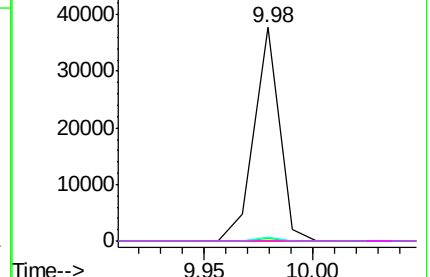
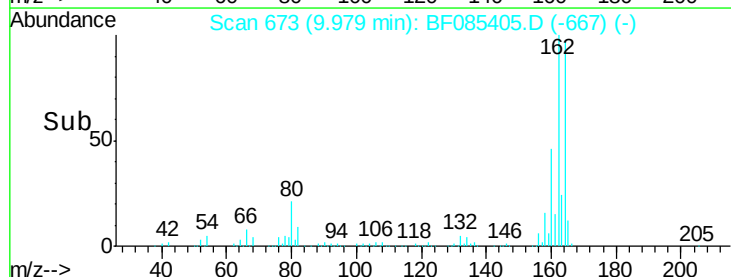


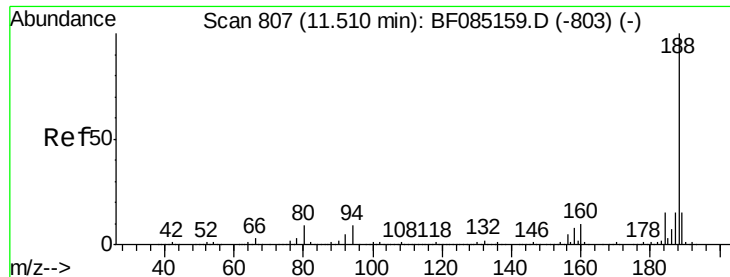
Abundance Ion 165.00 (164.70 to 165.70): E

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

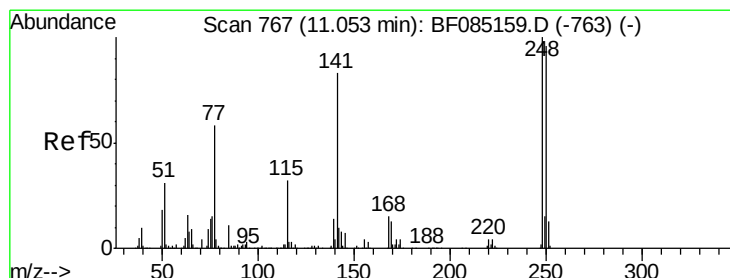
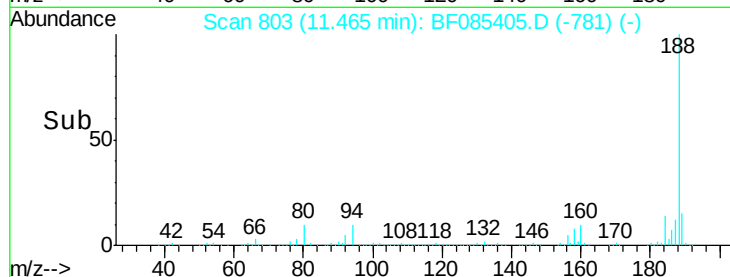
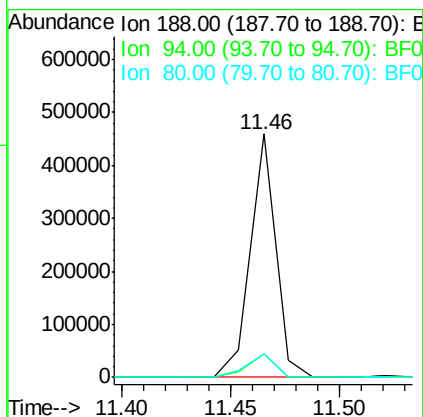
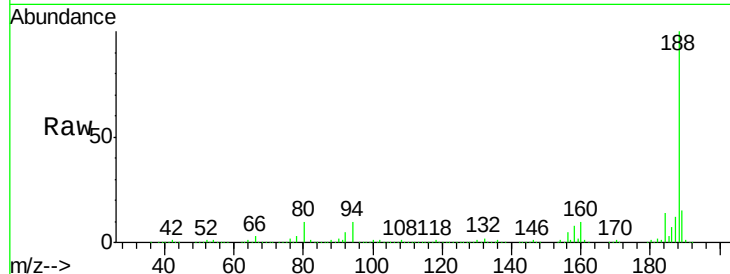




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.05 min
 Lab File: BF085405.D
 Acq: 12 Mar 2016 8:02

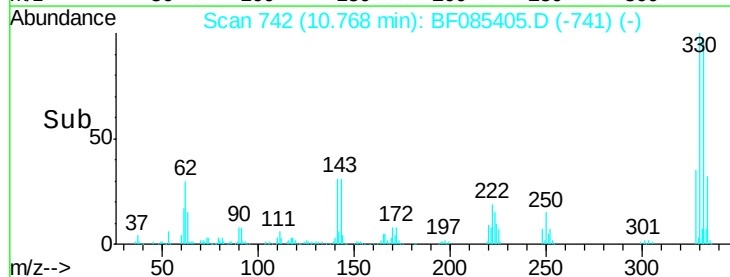
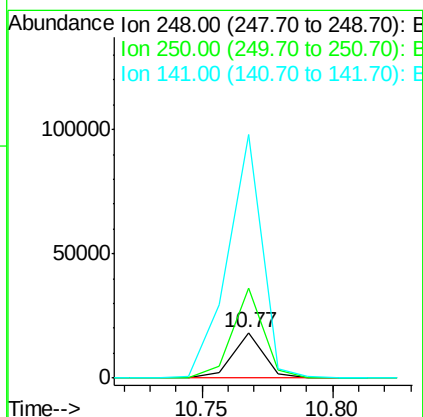
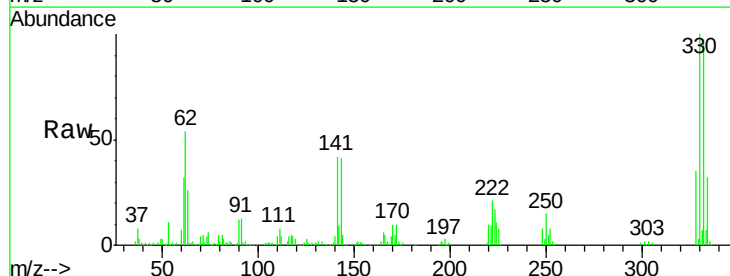
Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-17-COMP(0.5-1.5)

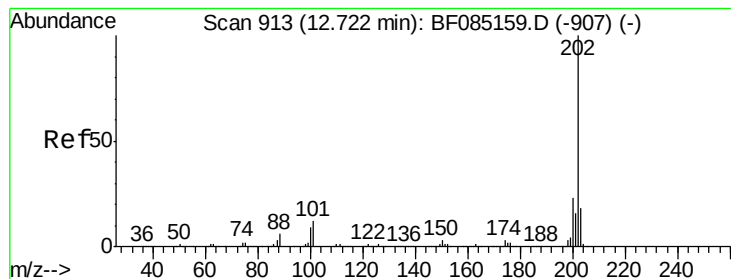
Tgt Ion:188 Resp: 373864
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.0 10.6
 80 9.7 7.4 11.0



#66
 4-Bromophenyl-phenylether
 Concen: 4.27 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.29 min
 Lab File: BF085405.D
 Acq: 12 Mar 2016 8:02

Tgt Ion:248 Resp: 15485
 Ion Ratio Lower Upper
 248 100
 250 197.5 77.1 115.7#
 141 533.6 66.2 99.2#





#74

Fluoranthene

Concen: 2.85 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-17-COMP(0.5-1.5)

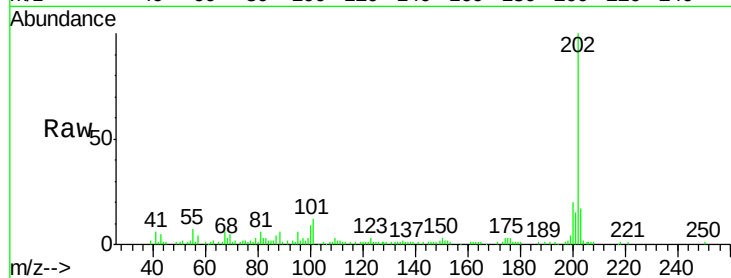
Tgt Ion:202 Resp: 56111

Ion Ratio Lower Upper

202 100

101 12.3 0.0 31.8

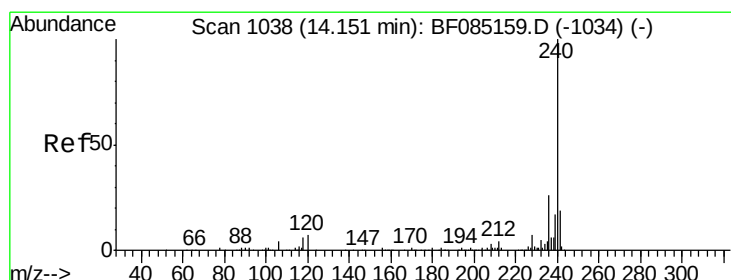
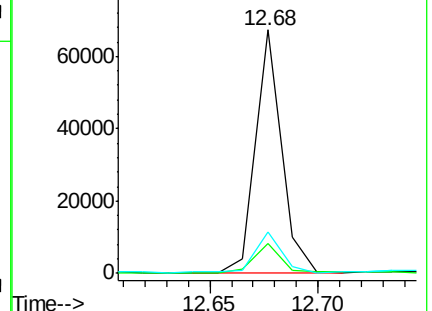
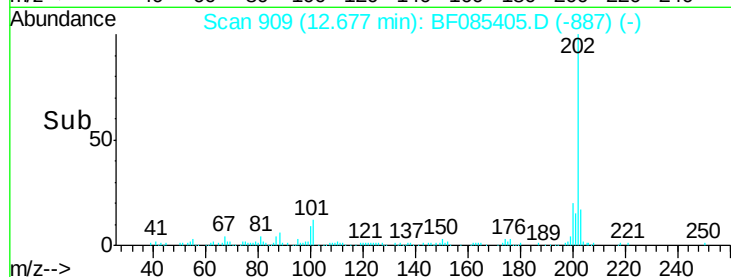
203 17.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

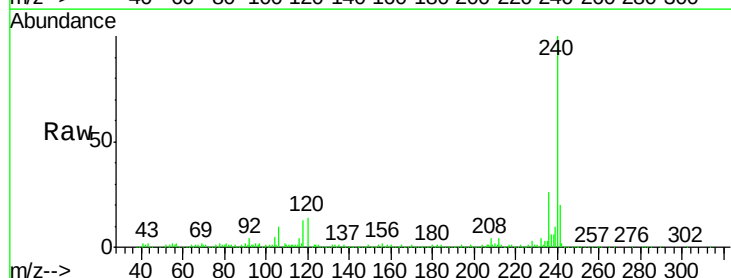
Tgt Ion:240 Resp: 305755

Ion Ratio Lower Upper

240 100

120 14.5 5.3 7.9#

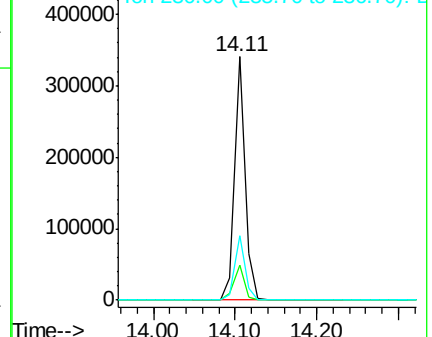
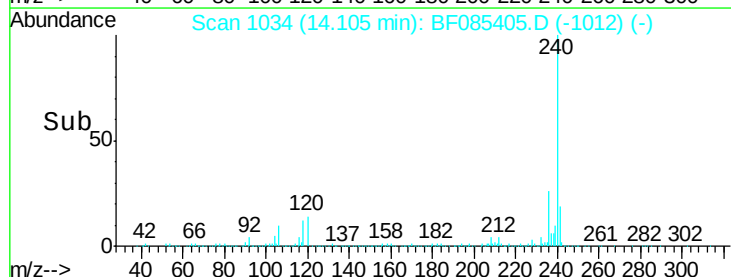
236 26.4 20.7 31.1

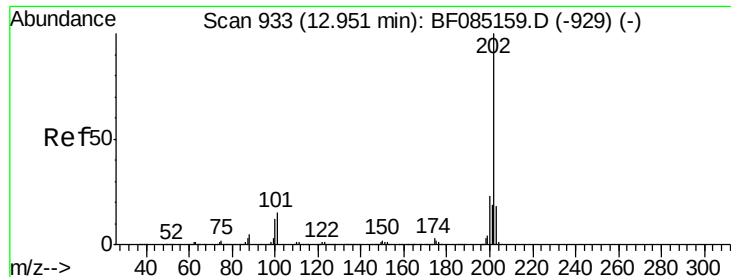


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

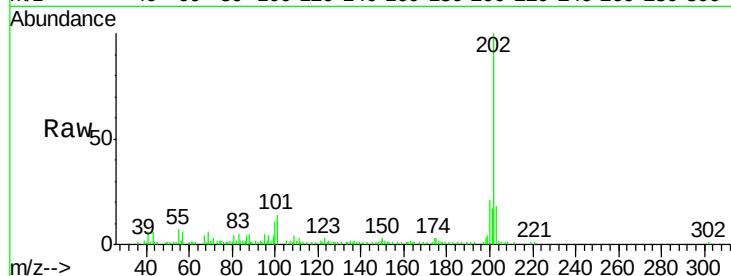




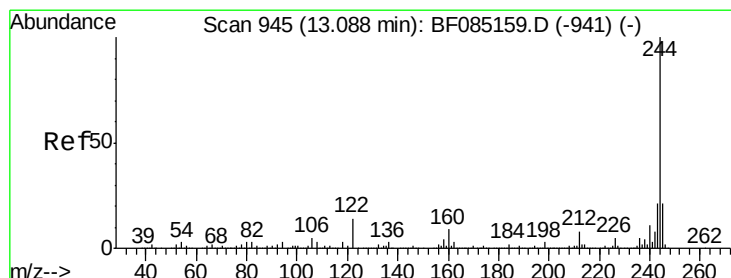
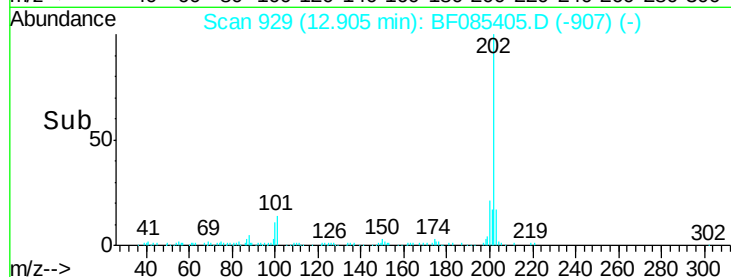
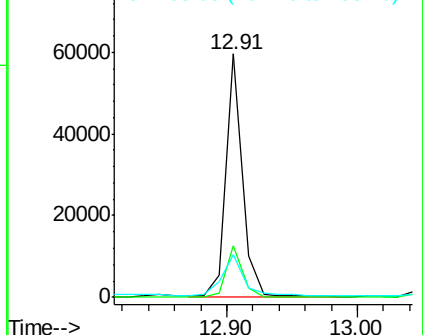
#77
Pyrene
Concen: 2.33 ng
RT: 12.91 min Scan# 929
Delta R.T. -0.05 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-17-COMP(0.5-1.5)

Tgt Ion: 202 Resp: 53510
Ion Ratio Lower Upper
202 100
200 21.0 18.2 27.4
203 17.7 14.7 22.1

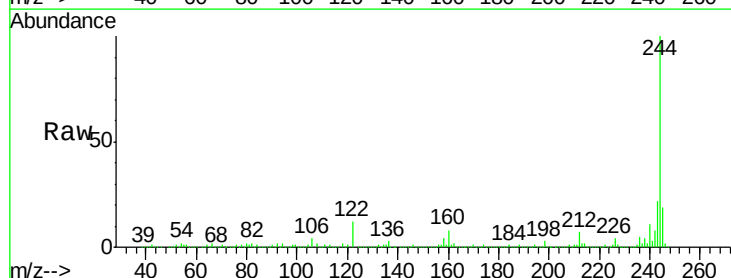


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

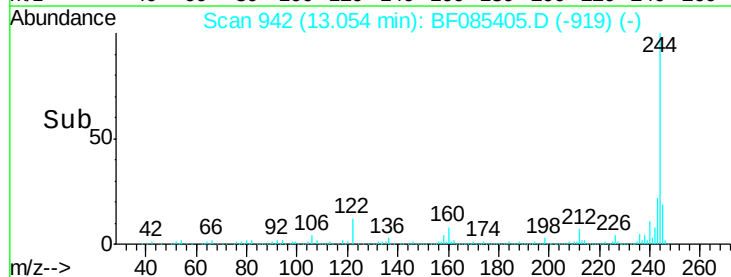
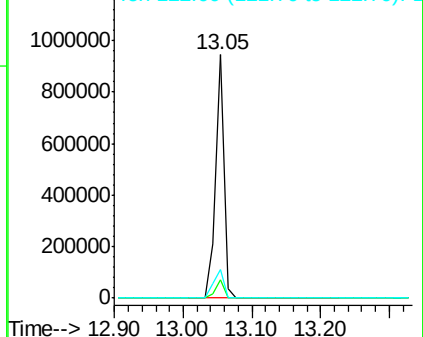


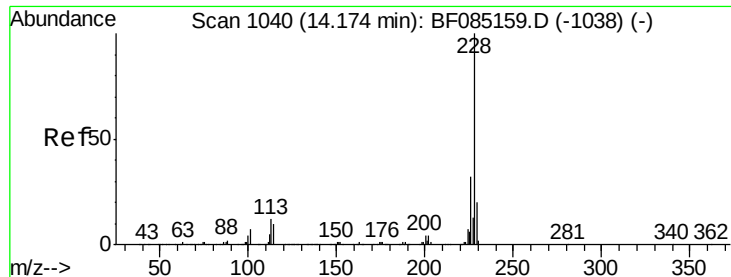
#78
Terphenyl-d14
Concen: 62.70 ng
RT: 13.05 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

Tgt Ion: 244 Resp: 825819
Ion Ratio Lower Upper
244 100
212 7.3 6.4 9.6
122 11.9 11.4 17.2



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





#82

Chrysene

Concen: 2.00 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.08 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-17-COMP(0.5-1.5)

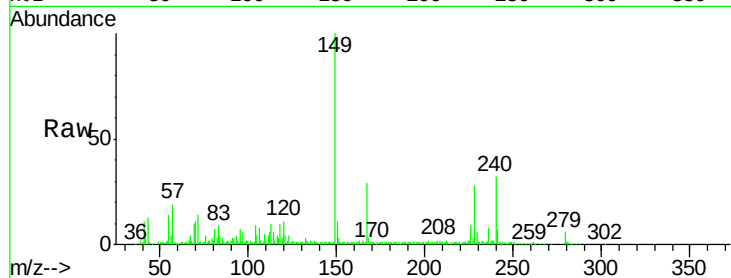
Tgt Ion:228 Resp: 33899

Ion Ratio Lower Upper

228 100

226 31.1 25.2 37.8

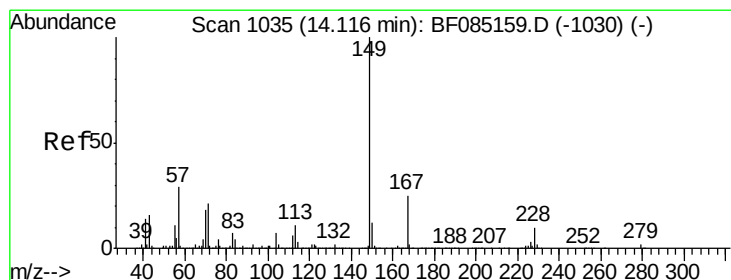
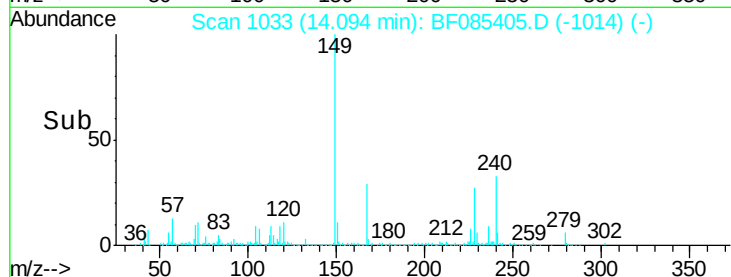
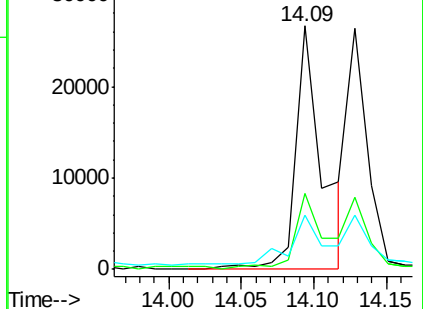
229 22.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 14.81 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF085405.D

Acq: 12 Mar 2016 8:02

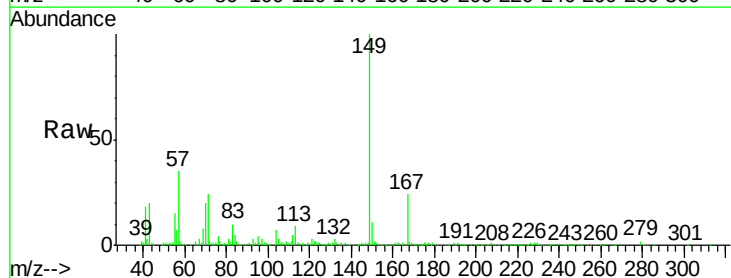
Tgt Ion:149 Resp: 203496

Ion Ratio Lower Upper

149 100

167 24.4 20.3 30.5

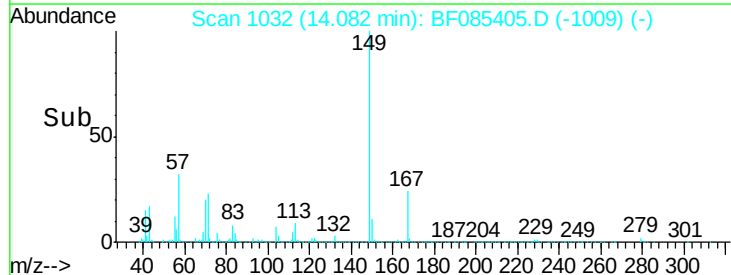
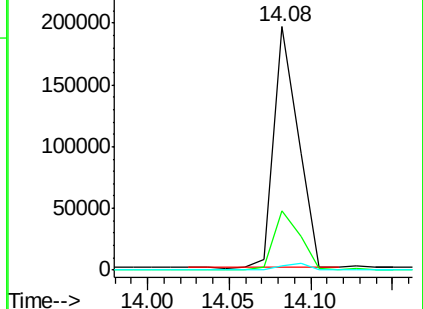
279 1.7 1.9 2.9#

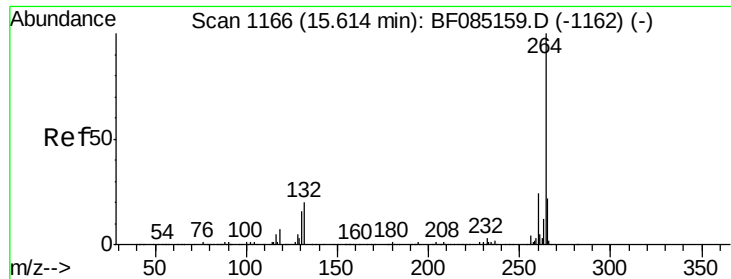


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

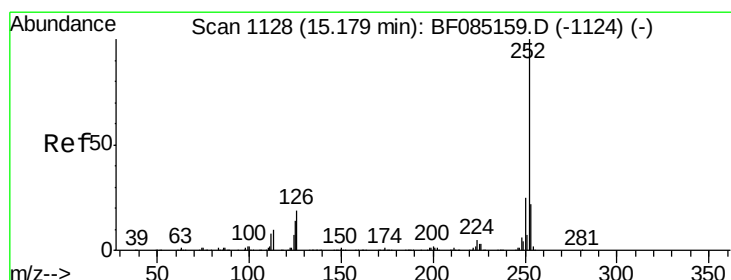
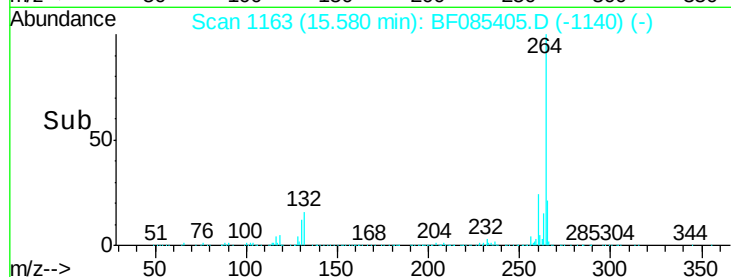
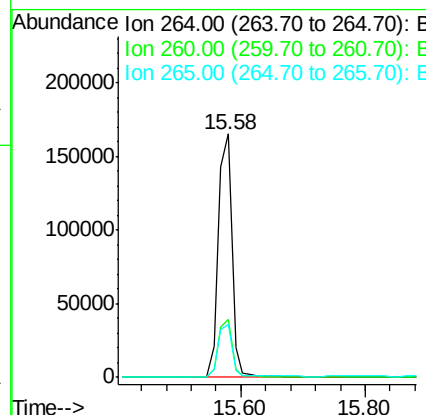
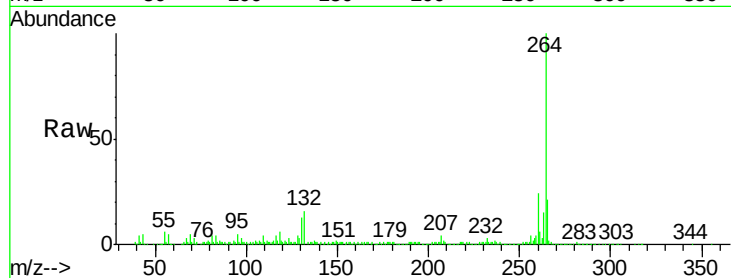




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

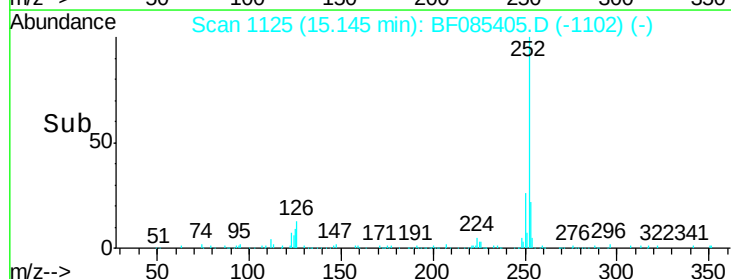
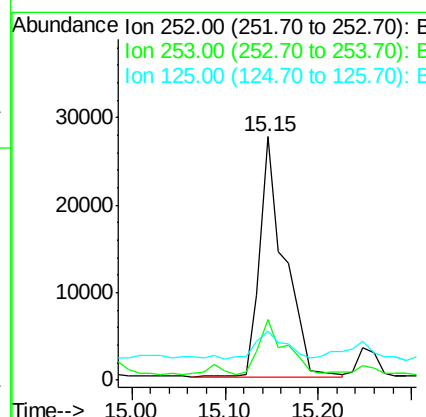
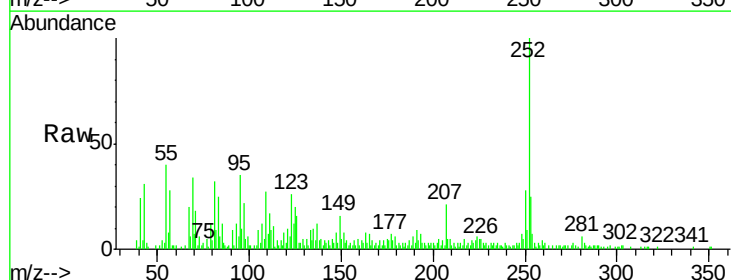
Instrument :
BNA_F
ClientSampleId :
W170TH-SB-17-COMP(0.5-1.5)

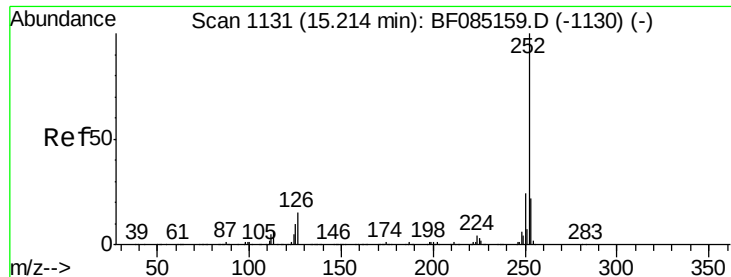
Tgt Ion:264 Resp: 243971
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.5 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 3.09 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085405.D
Acq: 12 Mar 2016 8:02

Tgt Ion:252 Resp: 50204
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.6
125 20.4 11.3 16.9#





#88

Benzo(k)fluoranthene

Concen: 3.83 ng

RT: 15.15 min Scan# 1125

Delta R.T. -0.07 min

Lab File: BF085405.D

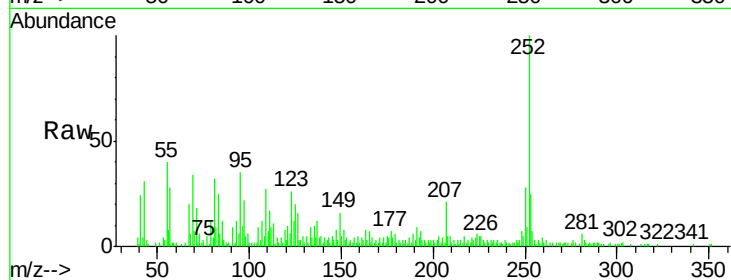
Acq: 12 Mar 2016 8:02

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-17-COMP(0.5-1.5)



Tgt Ion:	252	Resp:	50204
Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.6
125	20.4	10.4	15.6#

