

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085285.D
 Acq On : 9 Mar 2016 5:07
 Operator : UM/SJ
 Sample : H1703-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-42COMP(0.5-2.5)

Quant Time: Mar 09 05:40:57 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

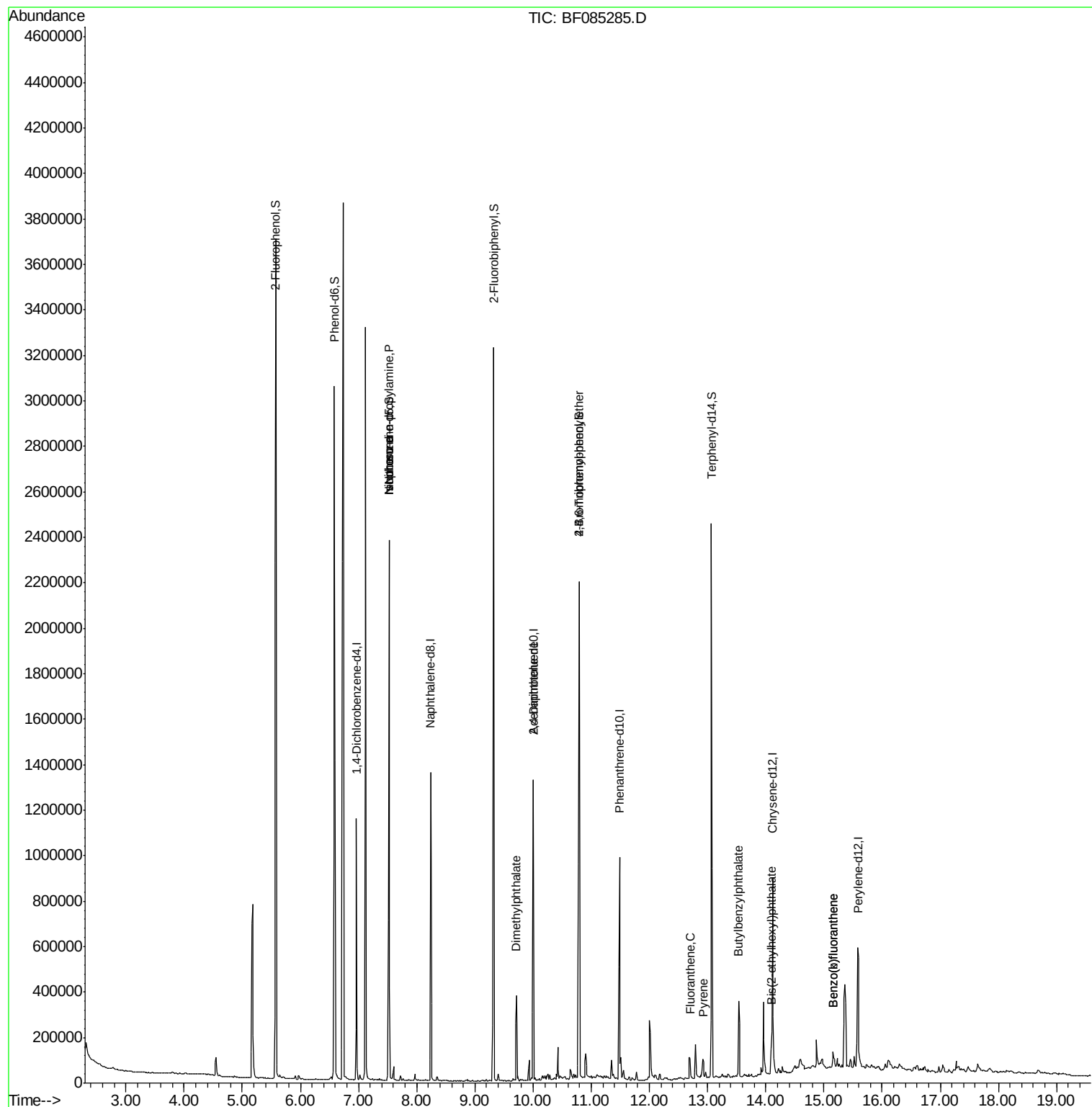
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	167529	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	611732	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	251849	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	414072	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	276022	20.00	ng	-0.03
86) Perylene-d12	15.59	264	284862	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1304400	130.60	ng	0.00
7) Phenol-d6	6.58	99	1502519	114.83	ng	-0.02
23) Nitrobenzene-d5	7.52	82	857763	75.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	281011	130.40	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1478655	89.29	ng	-0.02
78) Terphenyl-d14	13.07	244	814032	68.46	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	113579	13.32	ng	# 78
25) Isophorone	7.52	82	680463	32.12	ng	# 67
49) Dimethylphthalate	9.72	163	201922	10.45	ng	98
56) 2,4-Dinitrotoluene	10.00	165	32402	6.12	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	20724	5.15	ng	# 1
74) Fluoranthene	12.70	202	50967	2.34	ng	95
77) Pyrene	12.93	202	47493	2.29	ng	97
79) Butylbenzylphthalate	13.53	149	99237	10.53	ng	94
83) Bis(2-ethylhexyl)phthalate	14.09	149	33694	2.72	ng	100
87) Benzo(b)fluoranthene	15.16	252	46643	2.46	ng	96
88) Benzo(k)fluoranthene	15.16	252	46643	3.05	ng	95

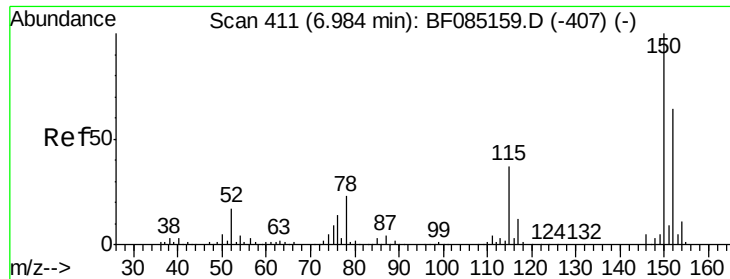
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-42COMP(0.5-2.5)

Quant Time: Mar 09 05:40:57 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: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

ClientSampleId :

SB-42COMP(0.5-2.5)

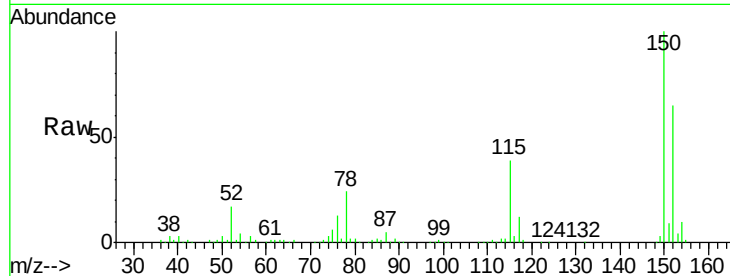
Tgt Ion:152 Resp: 167529

Ion Ratio Lower Upper

152 100

150 155.0 124.6 186.8

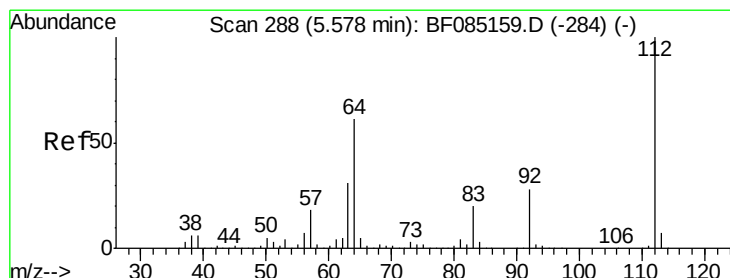
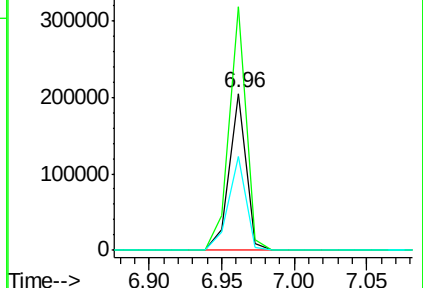
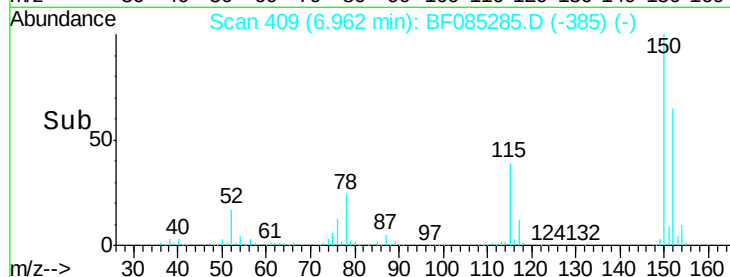
115 60.1 46.6 70.0



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: 130.60 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

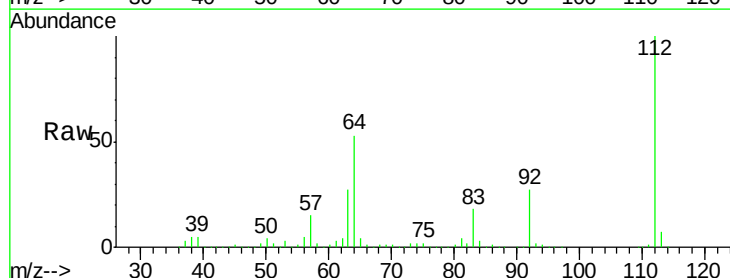
Tgt Ion:112 Resp: 1304400

Ion Ratio Lower Upper

112 100

64 53.0 49.0 73.4

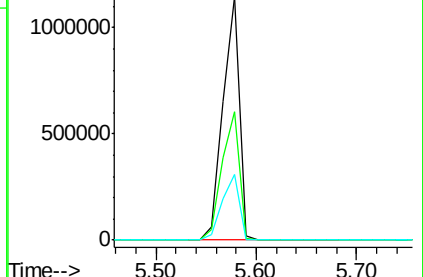
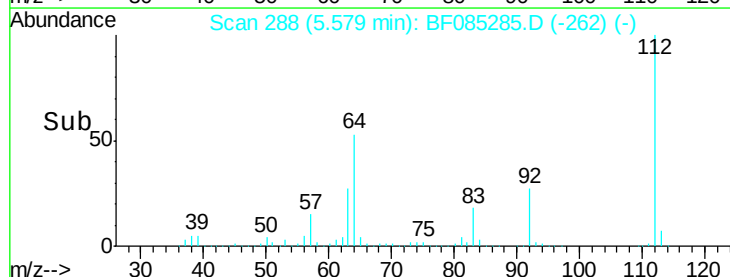
63 26.8 24.8 37.2

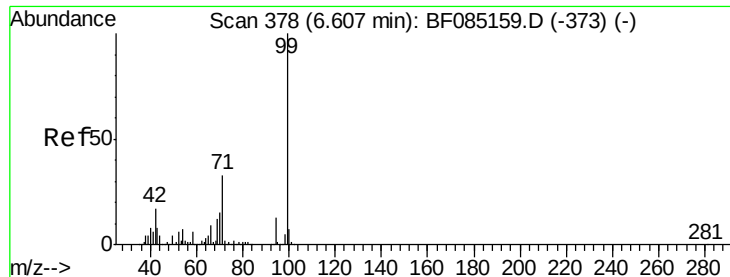


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.83 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

ClientSampleId :

SB-42COMP(0.5-2.5)

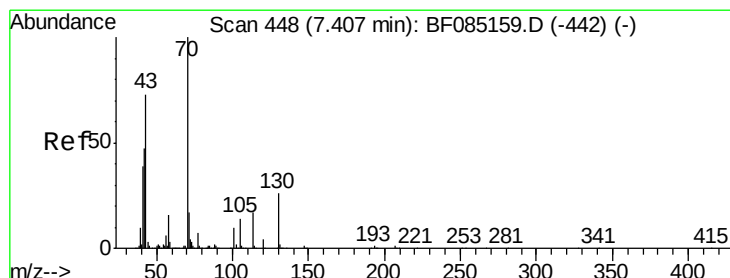
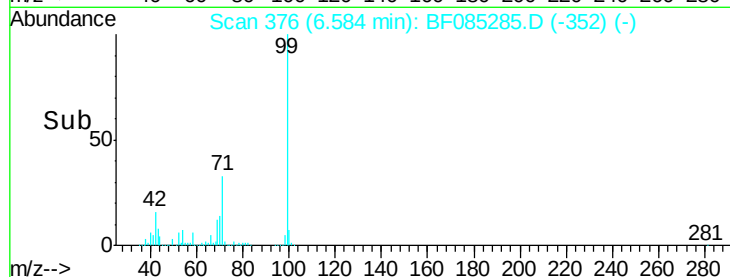
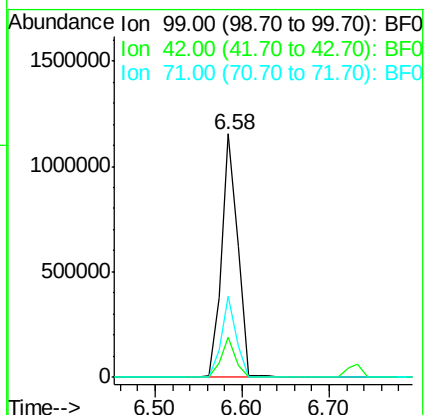
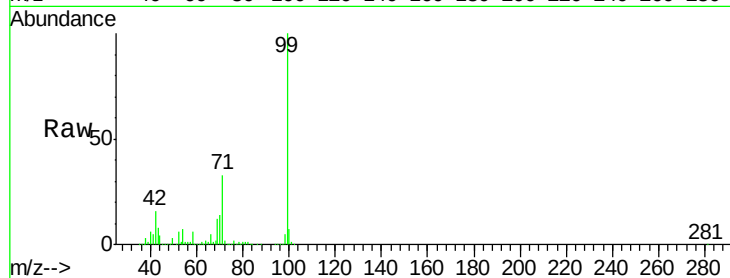
Tgt Ion: 99 Resp: 1502519

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

71 33.3 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 13.32 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Tgt Ion: 70 Resp: 113579

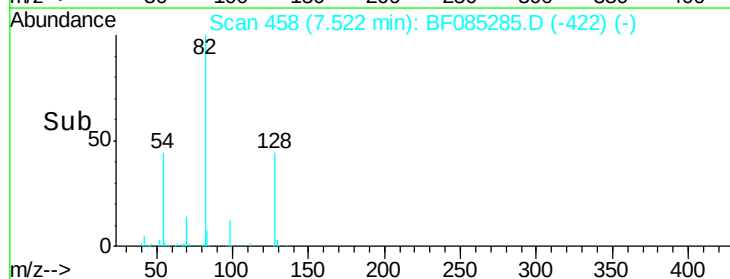
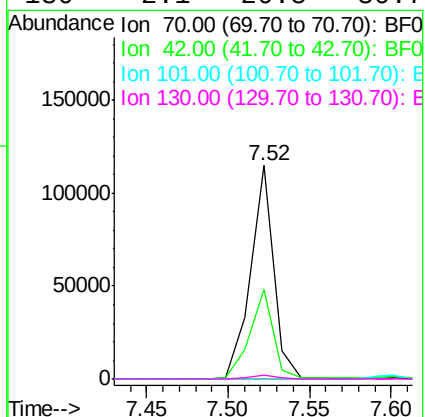
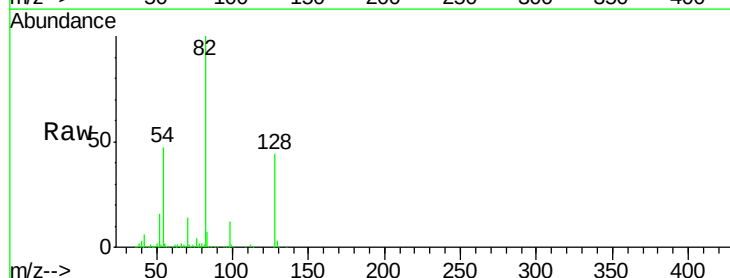
Ion Ratio Lower Upper

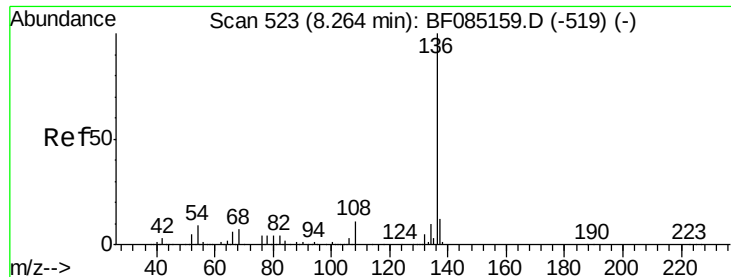
70 100

42 41.7 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

ClientSampleId :

SB-42COMP(0.5-2.5)

Tgt Ion:136 Resp: 611732

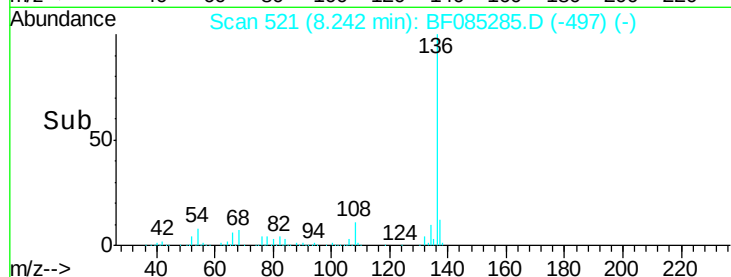
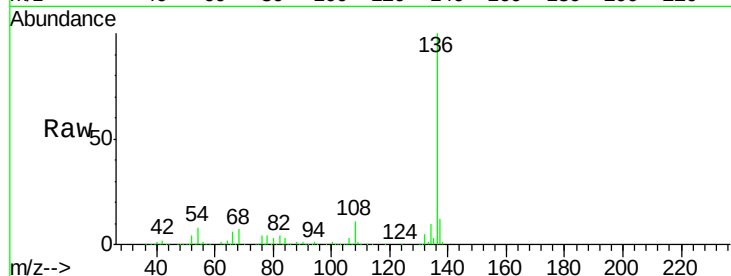
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 8.4 7.4 11.2

68 7.1 6.0 9.0

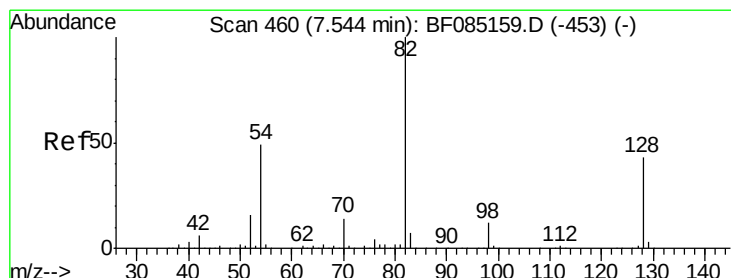
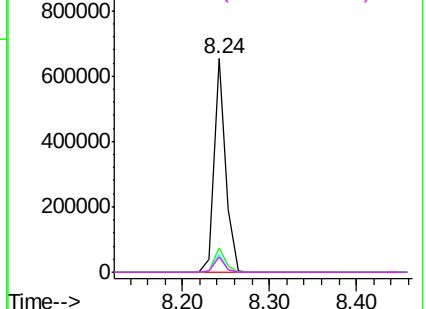


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.03 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

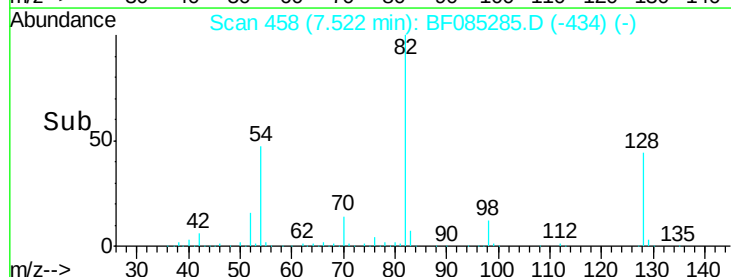
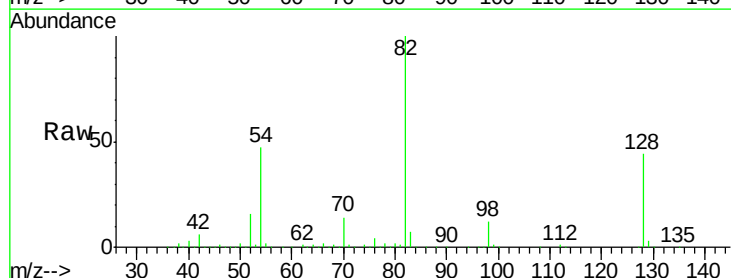
Tgt Ion: 82 Resp: 857763

Ion Ratio Lower Upper

82 100

128 44.4 34.5 51.7

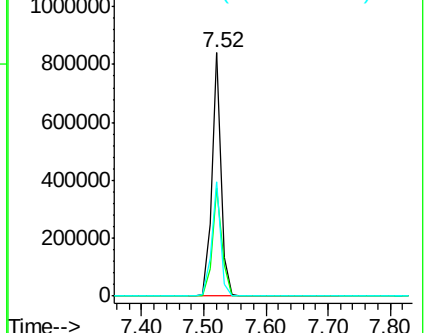
54 47.2 39.3 58.9

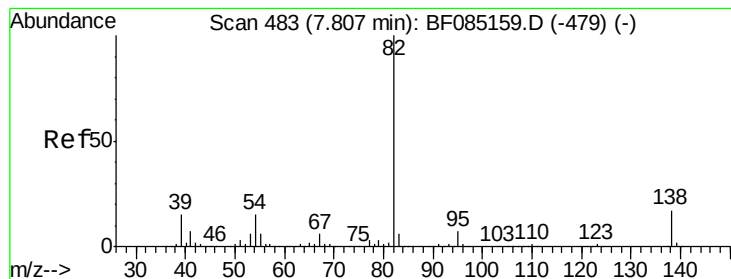


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.12 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.29 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

ClientSampleId :

SB-42COMP(0.5-2.5)

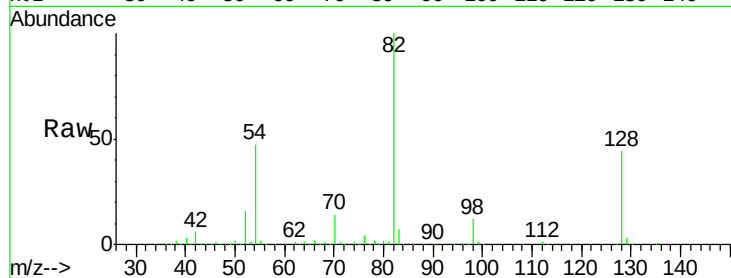
Tgt Ion: 82 Resp: 680463

Ion Ratio Lower Upper

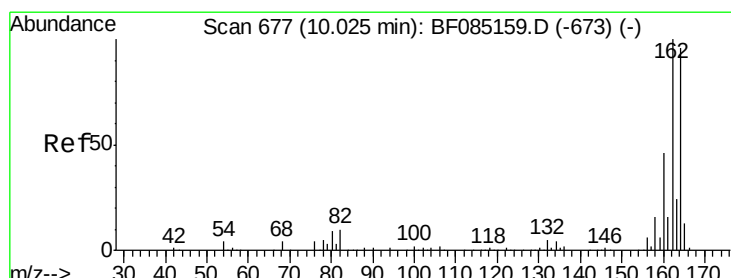
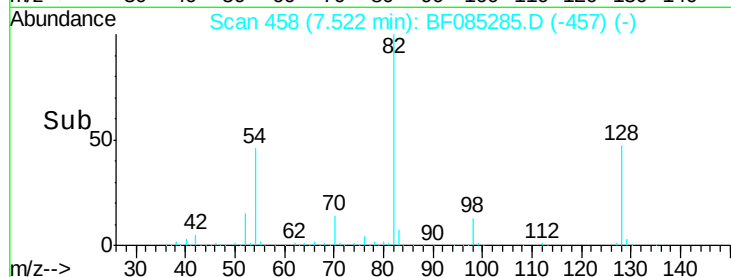
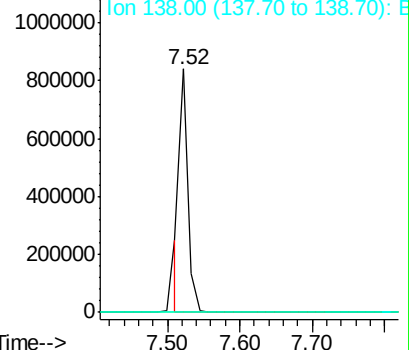
82 100

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: 10.00 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

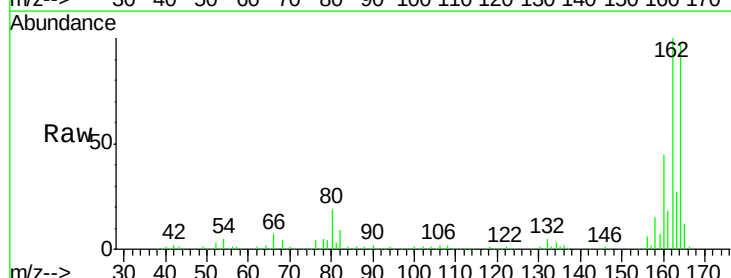
Tgt Ion: 164 Resp: 251849

Ion Ratio Lower Upper

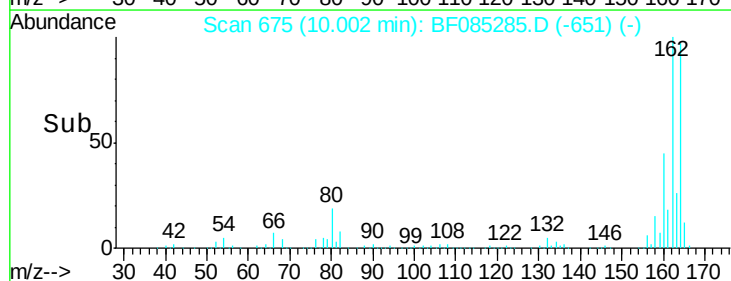
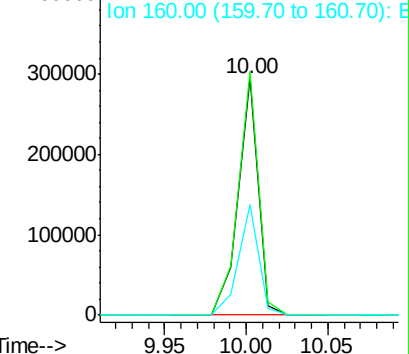
164 100

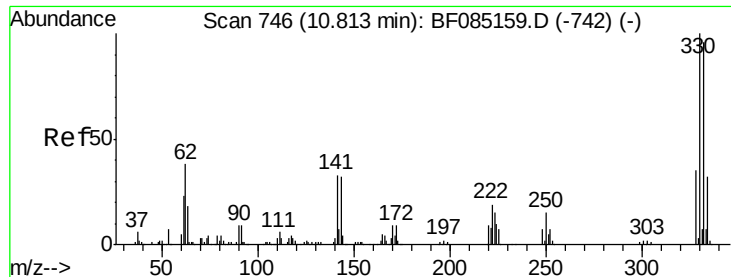
162 102.7 83.3 124.9

160 46.7 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

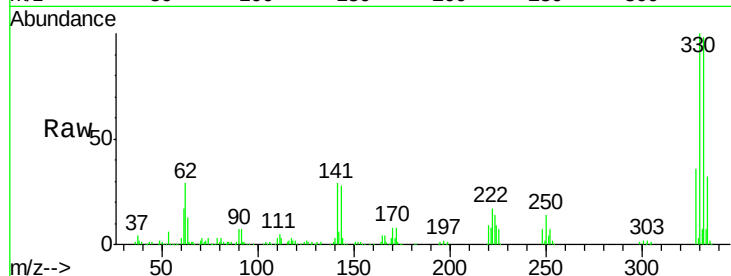




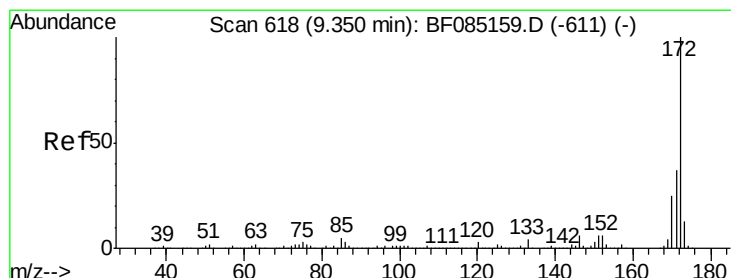
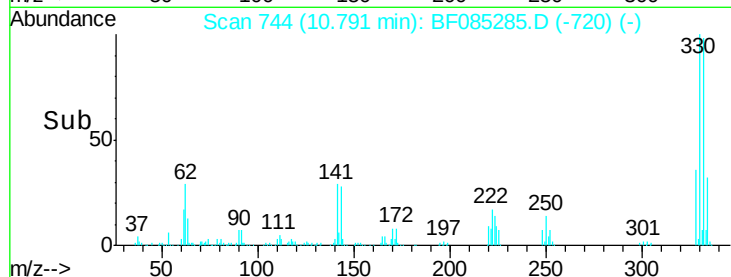
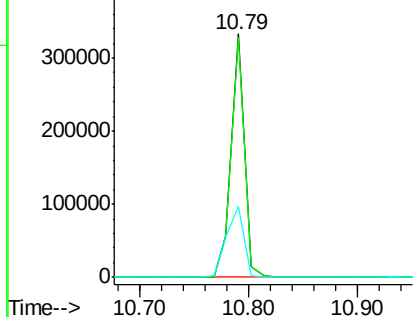
#41
 2,4,6-Tribromophenol
 Concen: 130.40 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085285.D
 Acq: 9 Mar 2016 5:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-42COMP(0.5-2.5)

Tgt Ion:330 Resp: 281011
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.1 115.7
 141 38.3 35.0 52.6

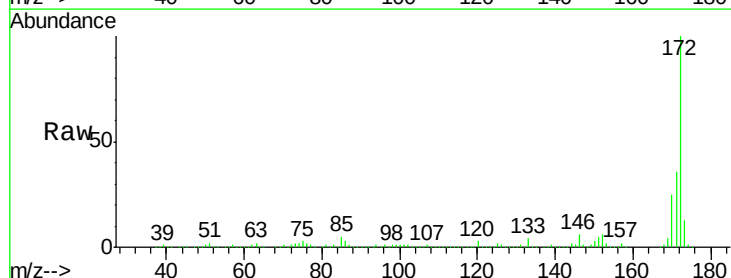


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

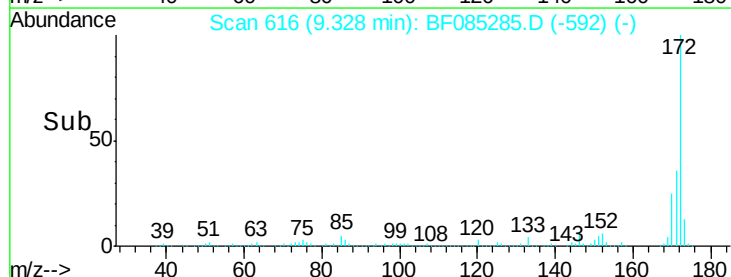
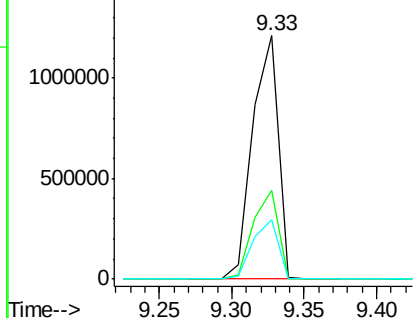


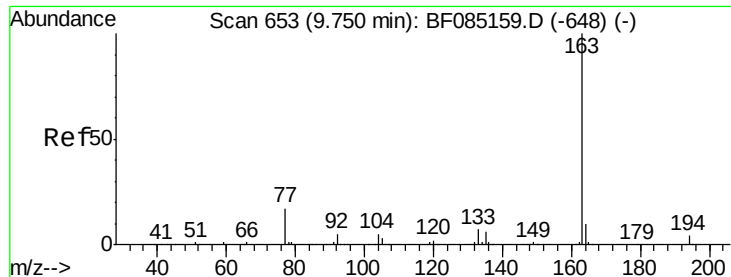
#44
 2-Fluorobiphenyl
 Concen: 89.29 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085285.D
 Acq: 9 Mar 2016 5:07

Tgt Ion:172 Resp: 1478655
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 24.5 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: 10.45 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

ClientSampleId :

SB-42COMP(0.5-2.5)

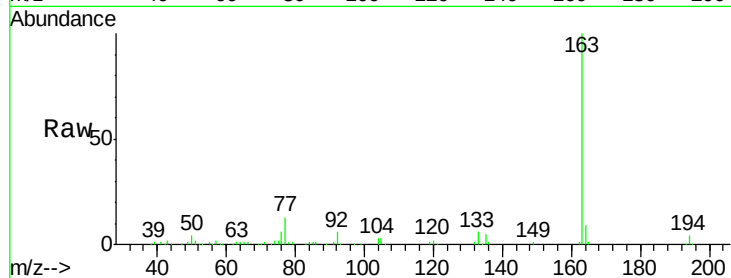
Tgt Ion:163 Resp: 201922

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

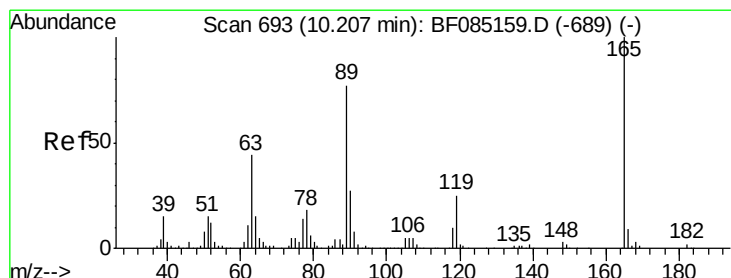
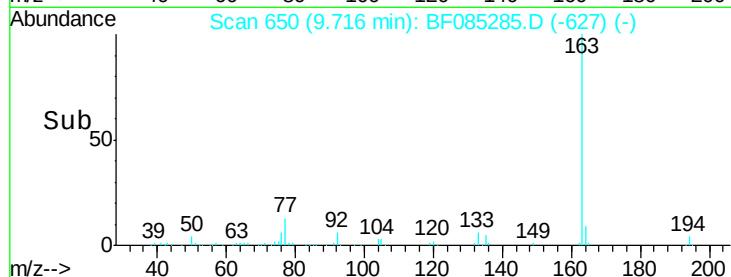
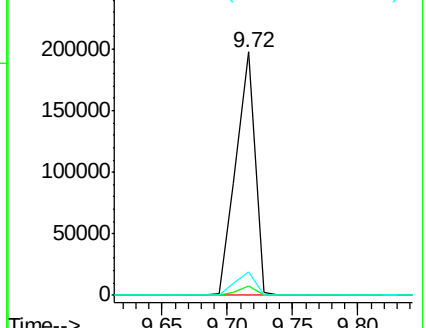
164 9.5 8.2 12.4



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: 6.12 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Tgt Ion:165 Resp: 32402

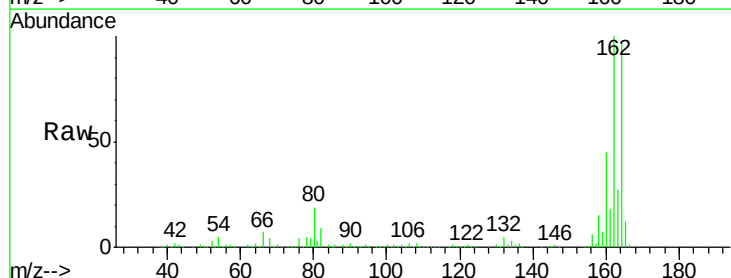
Ion Ratio Lower Upper

165 100

63 1.4 35.4 53.0#

89 1.6 61.9 92.9#

182 0.0 1.9 2.9#

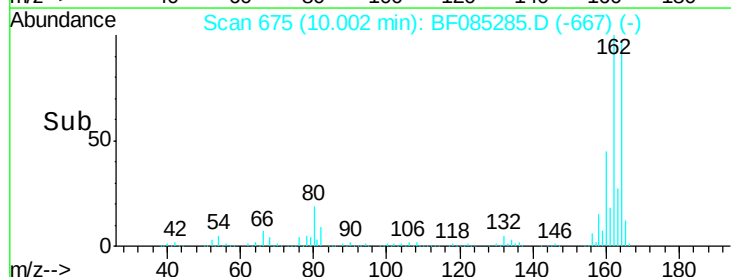
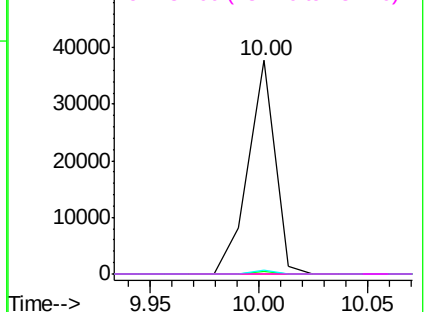


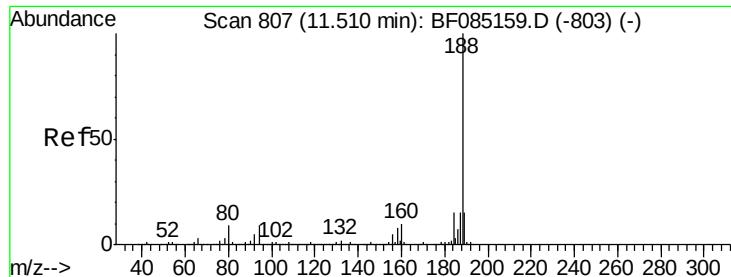
Abundance Ion 165.00 (164.70 to 165.70): E

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

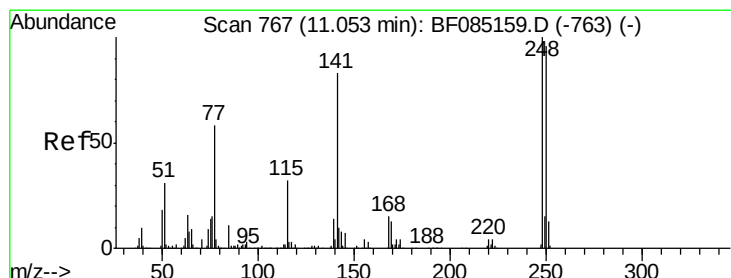
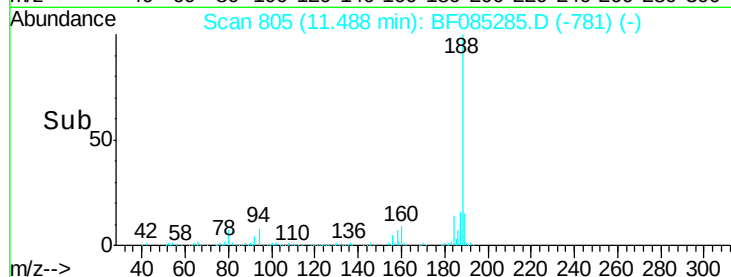
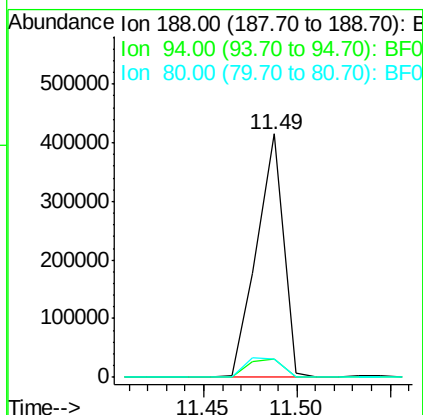
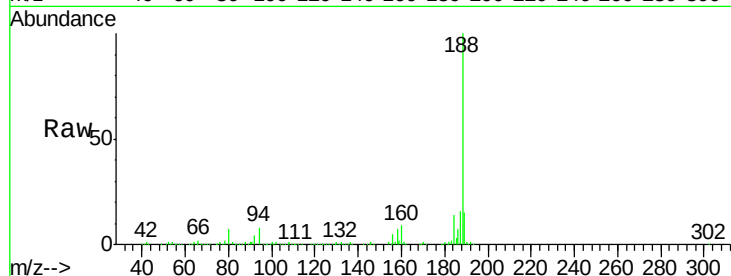




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085285.D
Acq: 9 Mar 2016 5:07

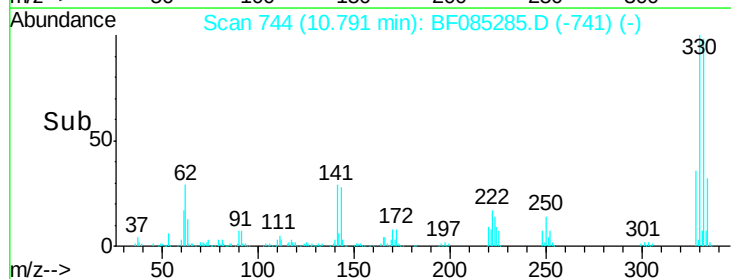
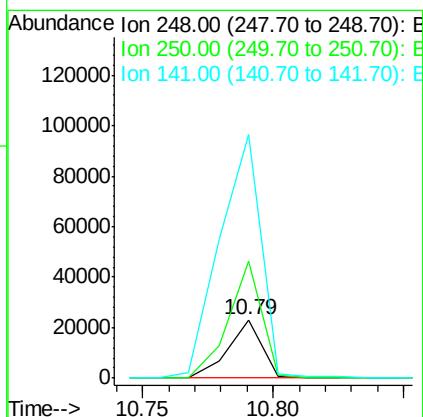
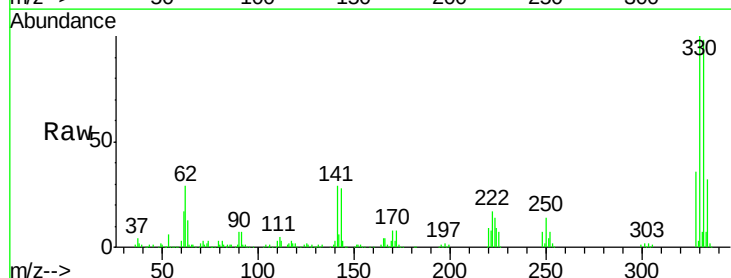
Instrument :
BNA_F
ClientSampleId :
SB-42COMP(0.5-2.5)

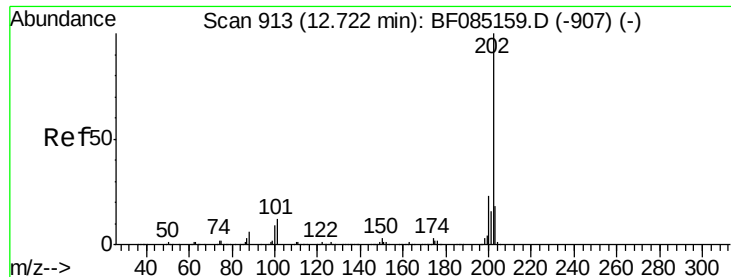
Tgt Ion:188 Resp: 414072
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 7.4 7.4 11.0



#66
4-Bromophenyl-phenylether
Concen: 5.15 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085285.D
Acq: 9 Mar 2016 5:07

Tgt Ion:248 Resp: 20724
Ion Ratio Lower Upper
248 100
250 200.8 77.1 115.7#
141 417.7 66.2 99.2#





#74

Fluoranthene

Concen: 2.34 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

ClientSampleId :

SB-42COMP(0.5-2.5)

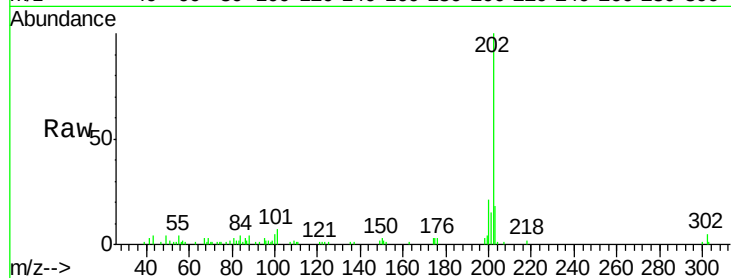
Tgt Ion:202 Resp: 50967

Ion Ratio Lower Upper

202 100

101 7.3 0.0 31.8

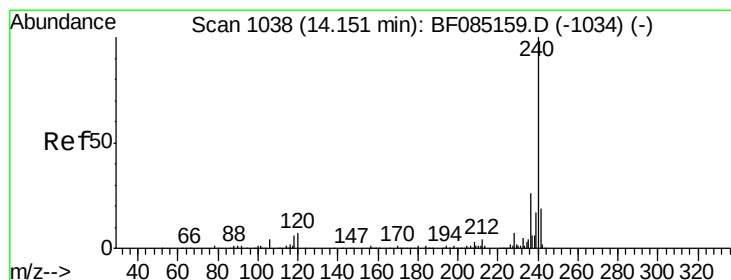
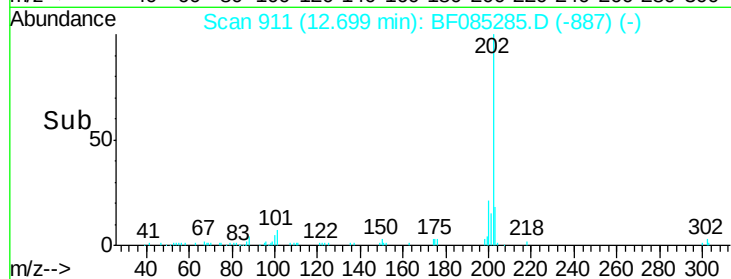
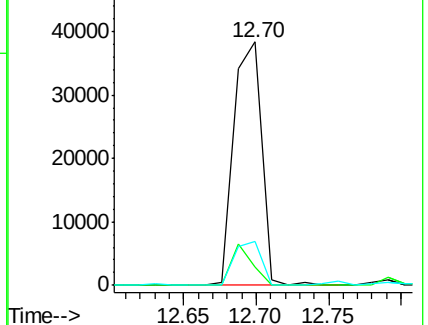
203 18.1 0.0 38.4



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: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

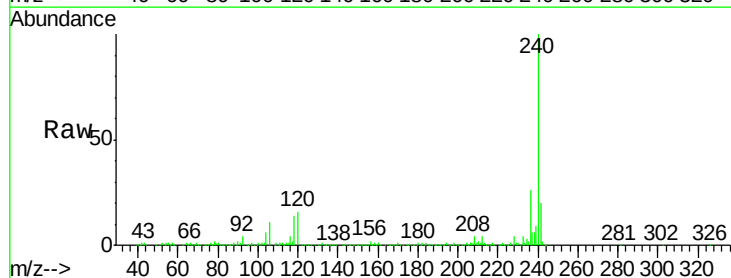
Tgt Ion:240 Resp: 276022

Ion Ratio Lower Upper

240 100

120 15.9 5.3 7.9#

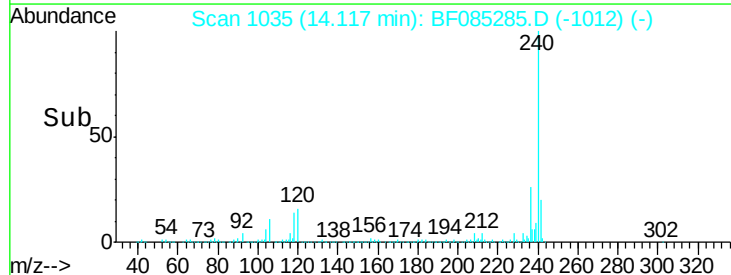
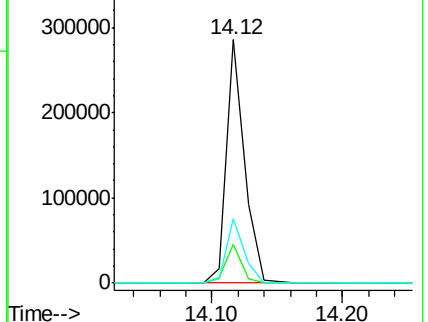
236 26.4 20.7 31.1

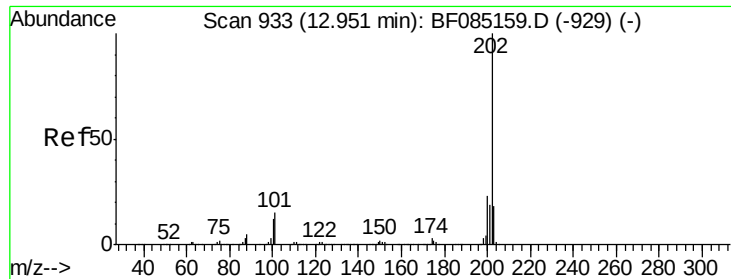


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

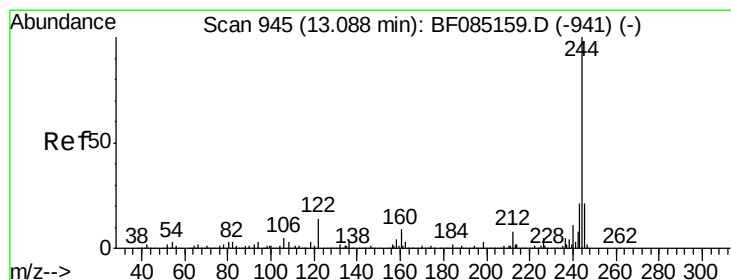
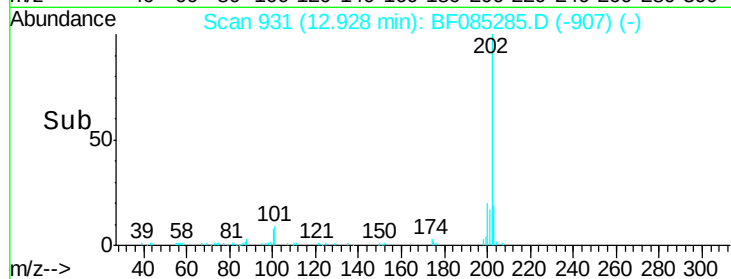
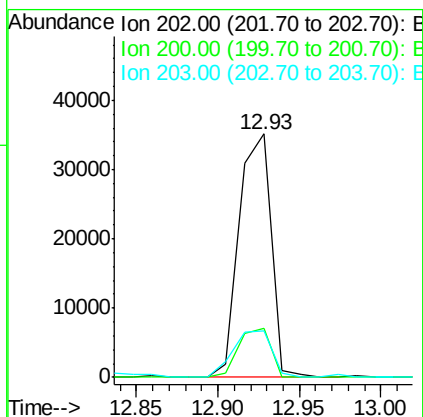
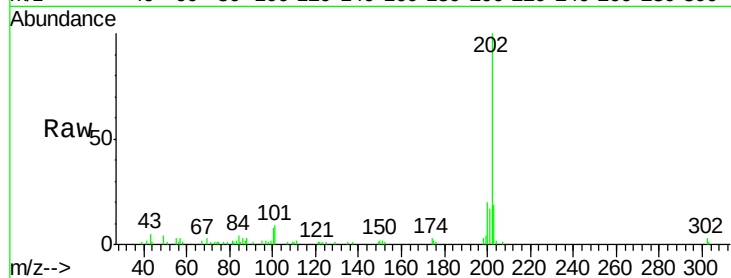




#77
 Pyrene
 Concen: 2.29 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.02 min
 Lab File: BF085285.D
 Acq: 9 Mar 2016 5:07

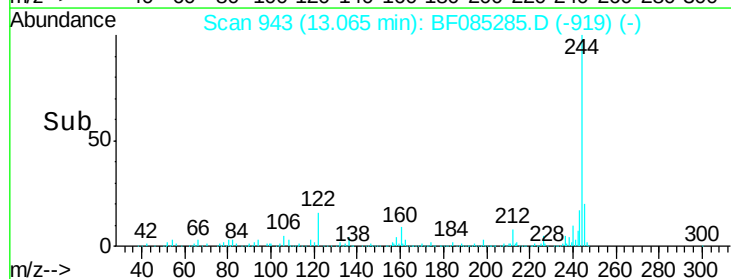
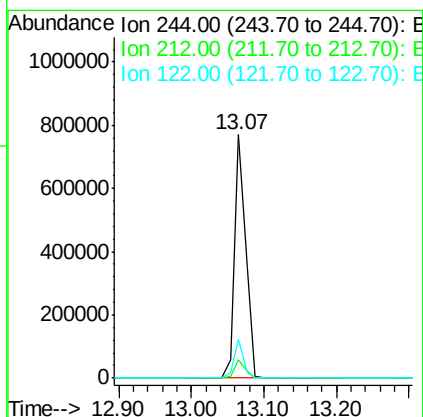
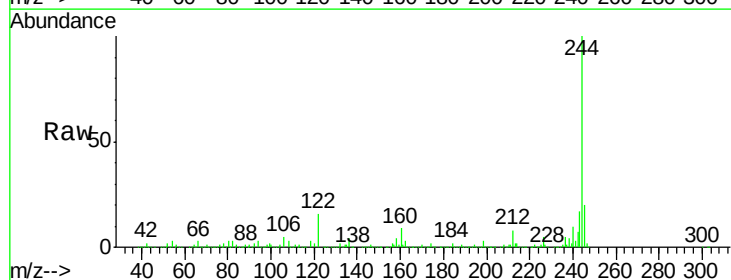
Instrument :
 BNA_F
 ClientSampleId :
 SB-42COMP(0.5-2.5)

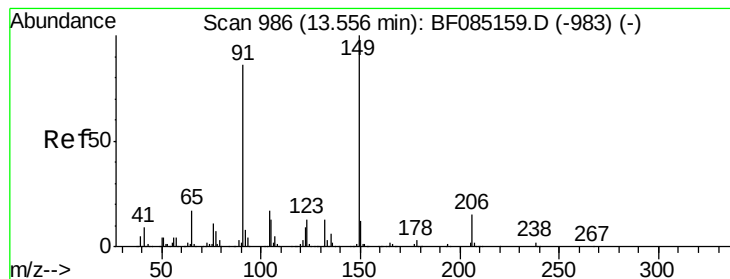
Tgt Ion: 202 Resp: 47493
 Ion Ratio Lower Upper
 202 100
 200 20.3 18.2 27.4
 203 18.9 14.7 22.1



#78
 Terphenyl-d14
 Concen: 68.46 ng
 RT: 13.07 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF085285.D
 Acq: 9 Mar 2016 5:07

Tgt Ion: 244 Resp: 814032
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 15.7 11.4 17.2





#79

Butylbenzylphthalate

Concen: 10.53 ng

RT: 13.53 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

ClientSampleId :

SB-42COMP(0.5-2.5)

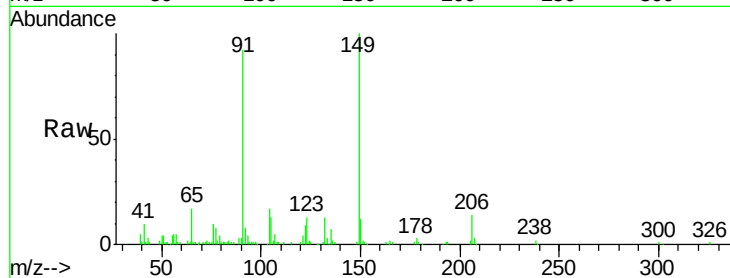
Tgt Ion:149 Resp: 99237

Ion Ratio Lower Upper

149 100

91 91.9 69.0 103.4

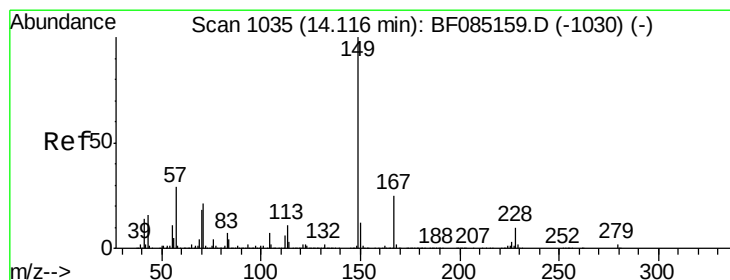
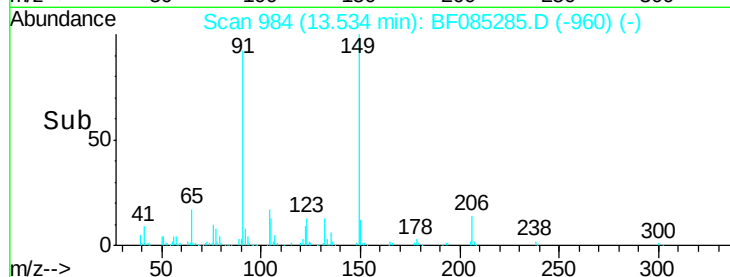
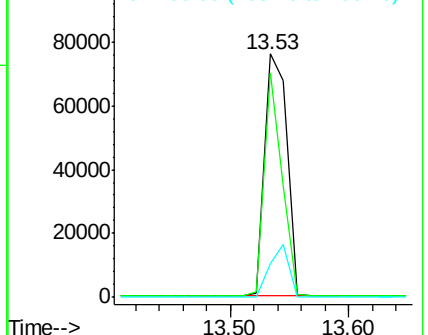
206 13.7 12.3 18.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.72 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

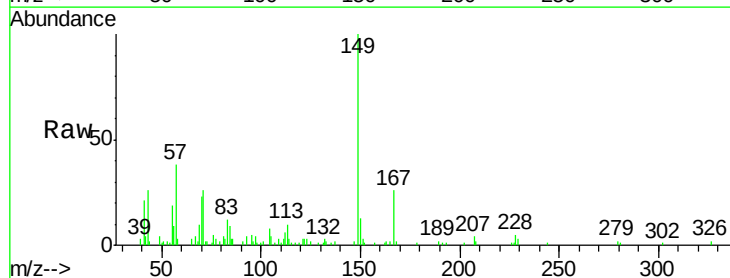
Tgt Ion:149 Resp: 33694

Ion Ratio Lower Upper

149 100

167 25.6 20.3 30.5

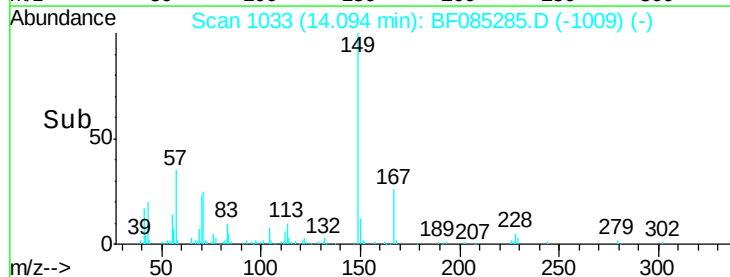
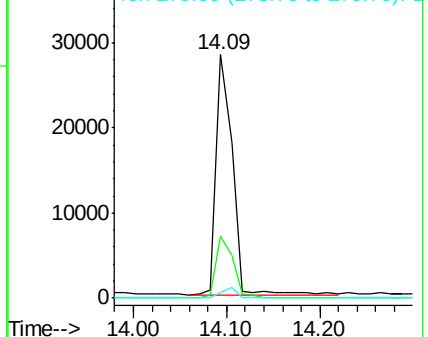
279 2.1 1.9 2.9

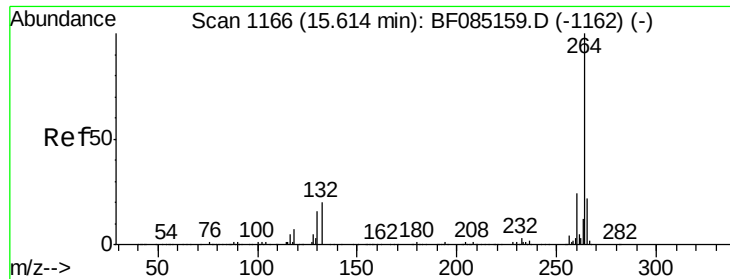


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

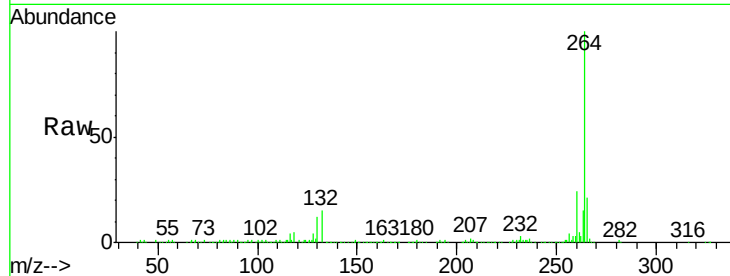




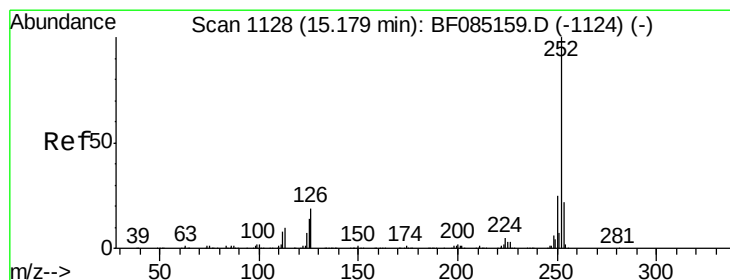
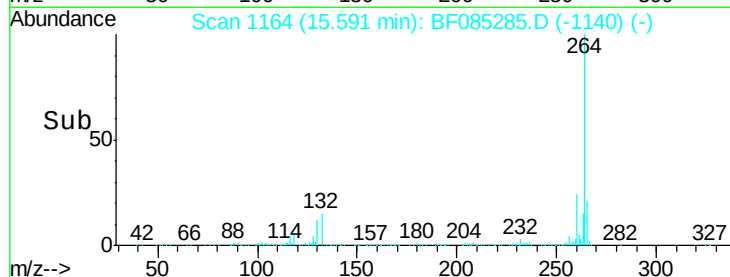
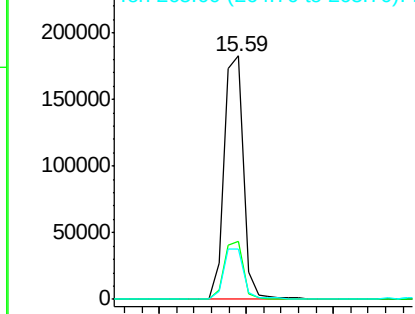
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085285.D
Acq: 9 Mar 2016 5:07

Instrument :
BNA_F
ClientSampleId :
SB-42COMP(0.5-2.5)

Tgt Ion: 264 Resp: 284862
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 20.6 17.3 25.9

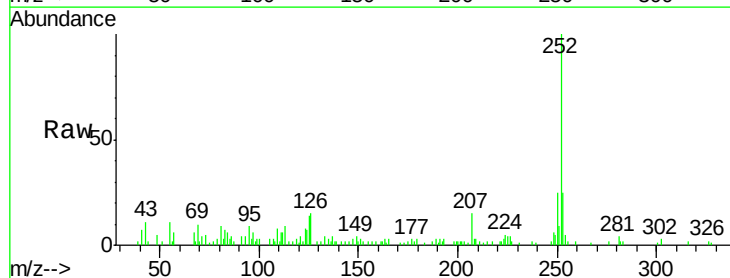


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

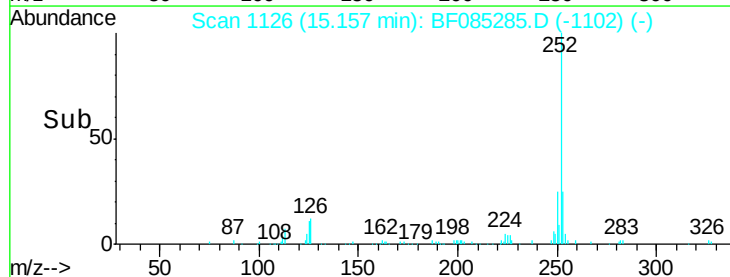
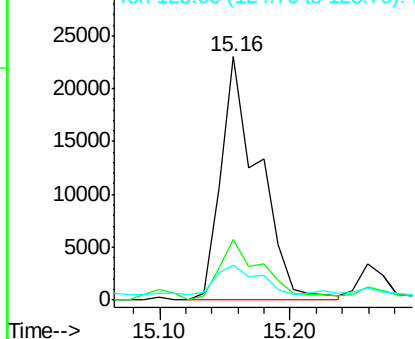


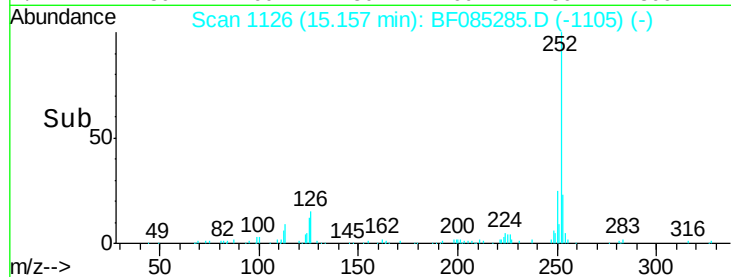
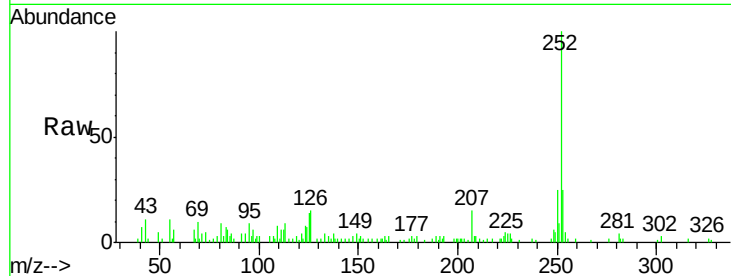
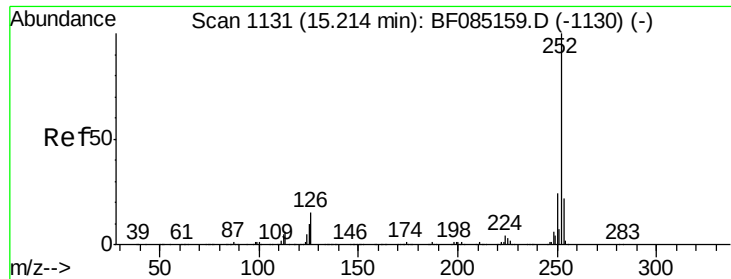
#87
Benzo(b)fluoranthene
Concen: 2.46 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF085285.D
Acq: 9 Mar 2016 5:07

Tgt Ion: 252 Resp: 46643
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.6
125 14.5 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.05 ng

RT: 15.16 min Scan# 1126

Delta R.T. -0.06 min

Lab File: BF085285.D

Acq: 9 Mar 2016 5:07

Instrument :

BNA_F

ClientSampleId :

SB-42COMP(0.5-2.5)

Tgt Ion: 252 Resp: 46643

Ion Ratio Lower Upper

252 100

253 25.0 17.8 26.6

125 14.5 10.4 15.6

