

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032216\
 Data File : BF085694.D
 Acq On : 23 Mar 2016 8:47
 Operator : UM/SJ
 Sample : H1857-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 13:36:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

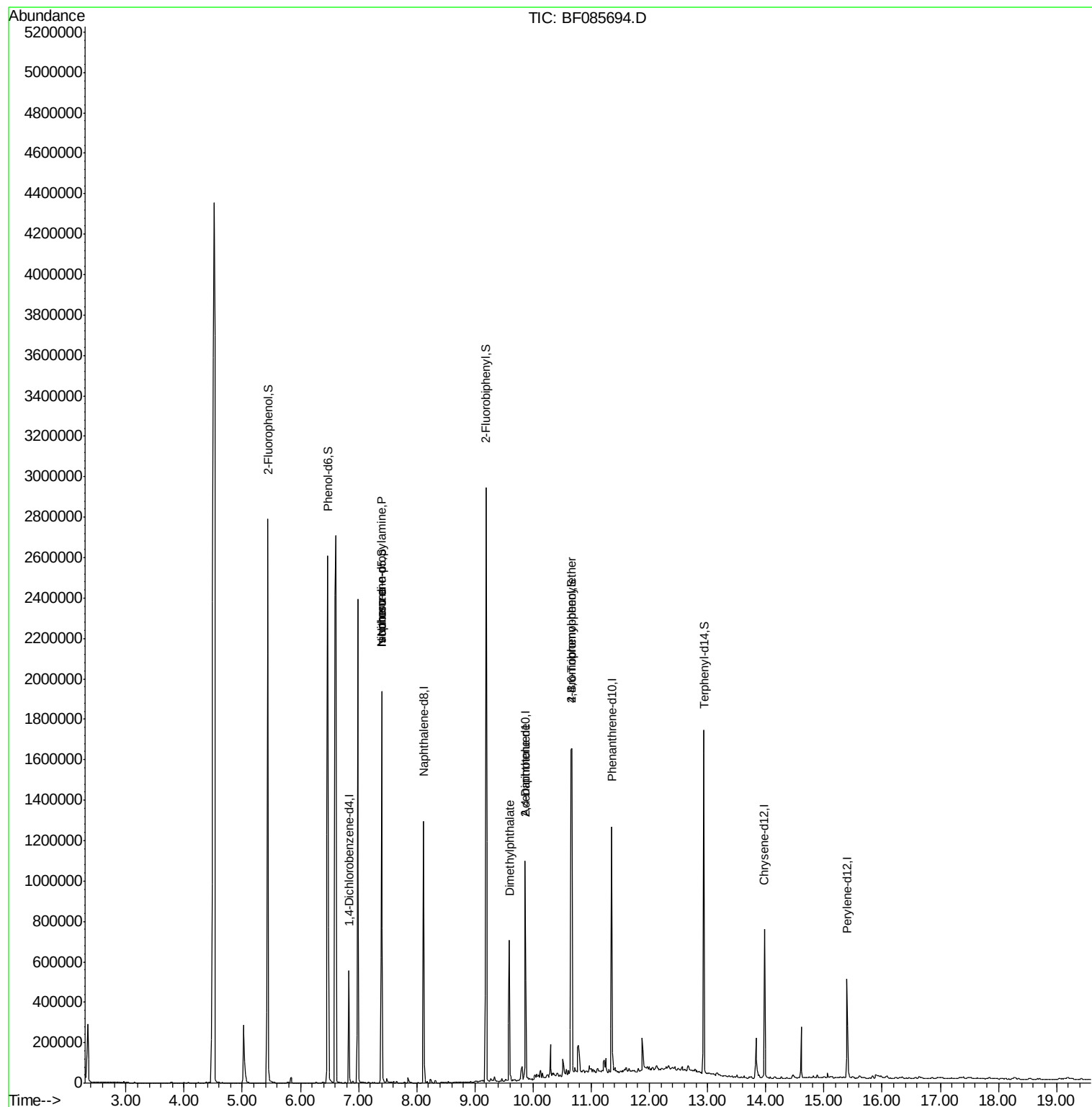
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	126461	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	548116	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	234823	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	416409	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	237430	20.00	ng	-0.03
86) Perylene-d12	15.40	264	218733	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1142251	151.71	ng	-0.01
7) Phenol-d6	6.47	99	1276882	132.23	ng	-0.02
23) Nitrobenzene-d5	7.40	82	826511	87.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	356981	155.19	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1099467	78.30	ng	-0.03
78) Terphenyl-d14	12.94	244	783688	79.43	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.39	77	2746	Below Cal		Qvalue 94
19) n-Nitroso-di-n-propylamine	7.40	70	107939	18.71	ng	# 77
25) Isophorone	7.40	82	667258	35.29	ng	# 68
49) Dimethylphthalate	9.59	163	307997	17.38	ng	99
56) 2,4-Dinitrotoluene	9.86	165	29601	6.04	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	22075	5.31	ng	# 1

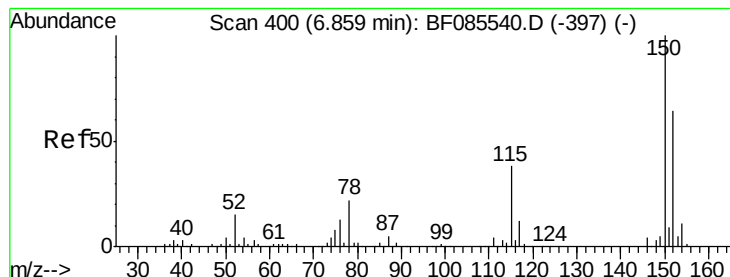
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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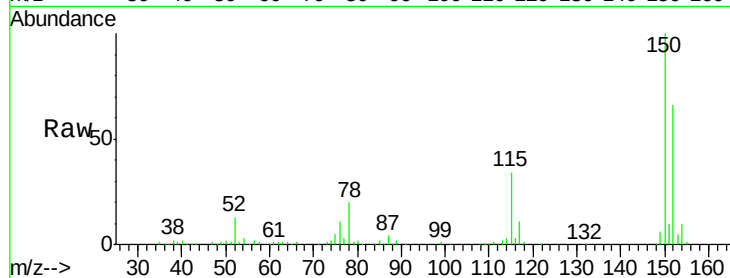


#1

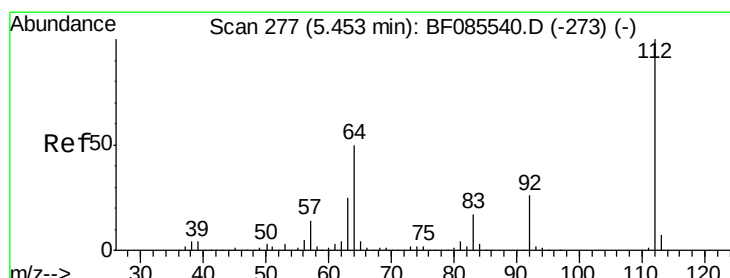
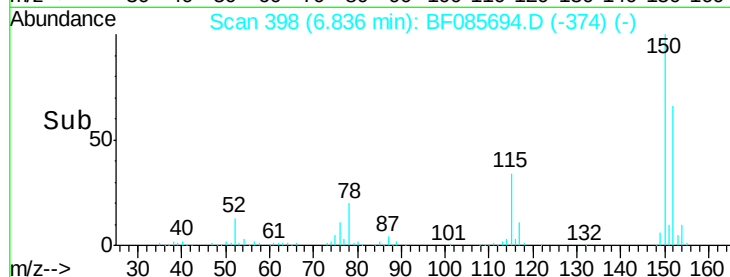
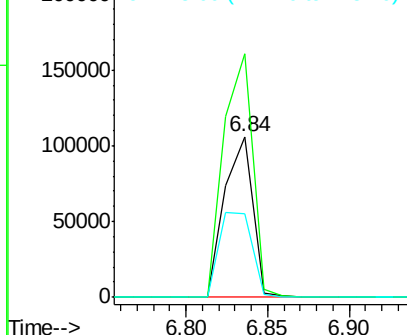
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085694.D
Acq: 23 Mar 2016 8:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 126461
Ion Ratio Lower Upper
152 100
150 151.3 124.2 186.2
115 52.2 47.0 70.6



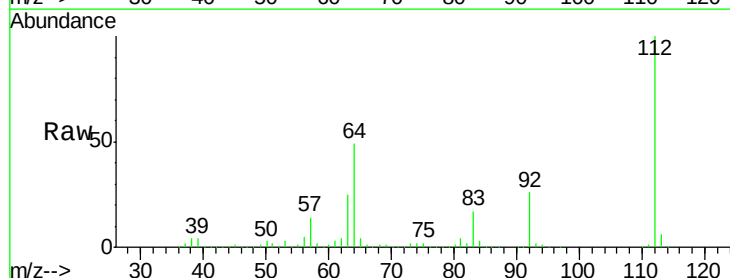
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



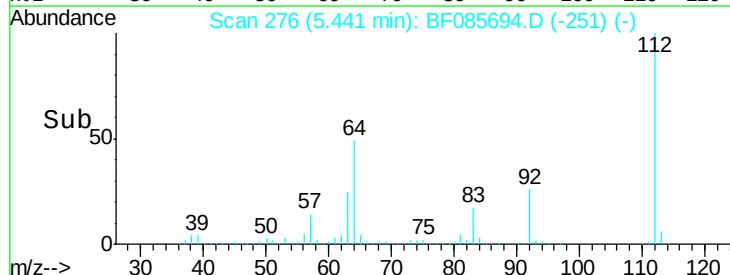
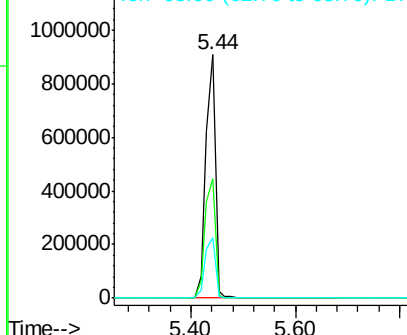
#5

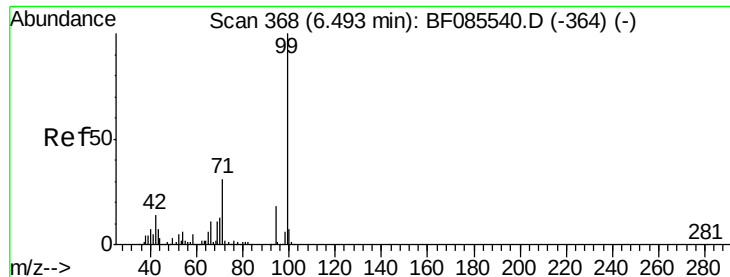
2-Fluorophenol
Concen: 151.71 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085694.D
Acq: 23 Mar 2016 8:47

Tgt Ion:112 Resp: 1142251
Ion Ratio Lower Upper
112 100
64 49.0 39.9 59.9
63 24.9 20.2 30.2



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: 132.23 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085694.D

Acq: 23 Mar 2016 8:47

Instrument :

BNA_F

ClientSampleId :

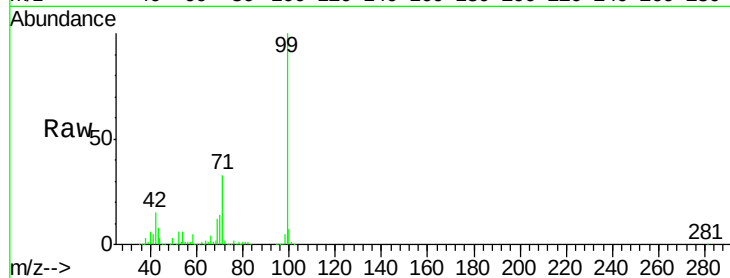
Tot Ion: 99 Resp: 1276882

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

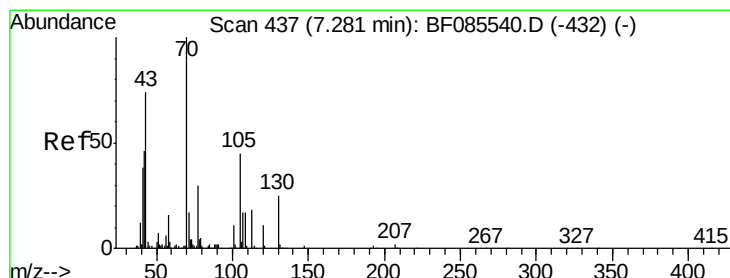
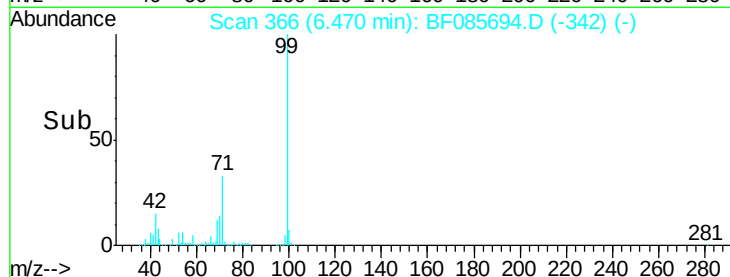
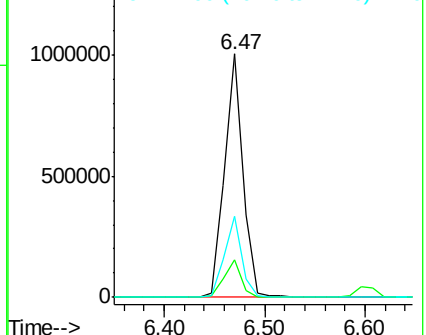
71 33.3 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.71 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085694.D

Acq: 23 Mar 2016 8:47

Tgt Ion: 70 Resp: 107939

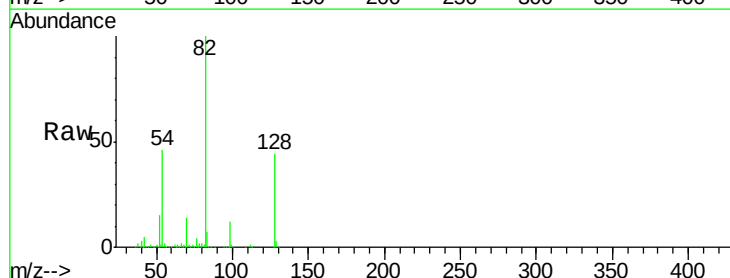
Ion Ratio Lower Upper

70 100

42 40.0 37.1 55.7

101 0.0 8.6 12.8#

130 2.4 19.6 29.4#

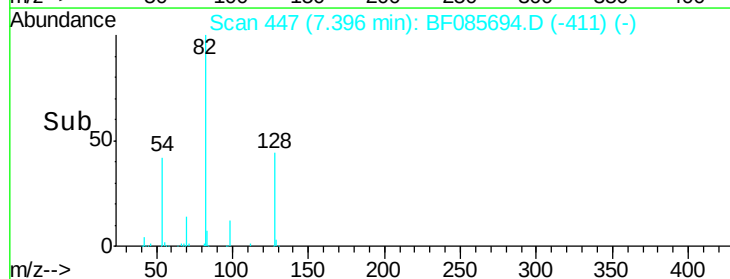
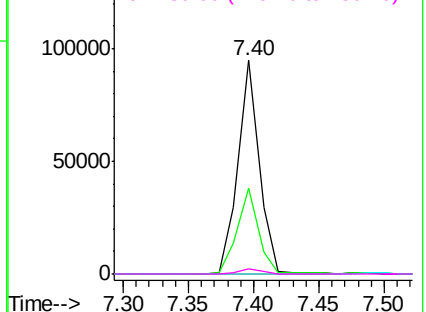


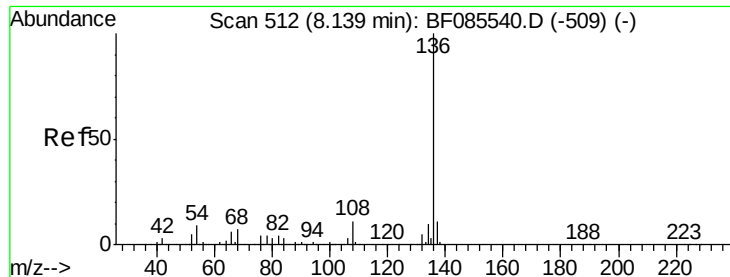
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF085694.D

Acq: 23 Mar 2016 8:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 548116

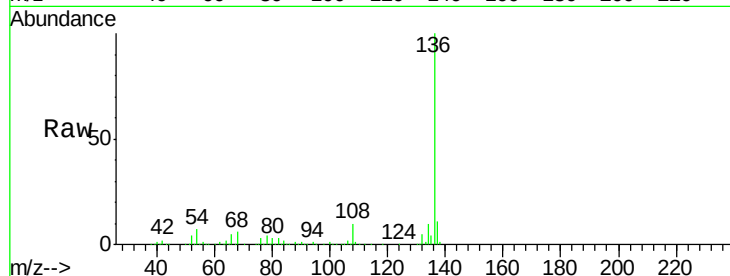
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.1 7.4 11.0#

68 5.7 5.8 8.8#

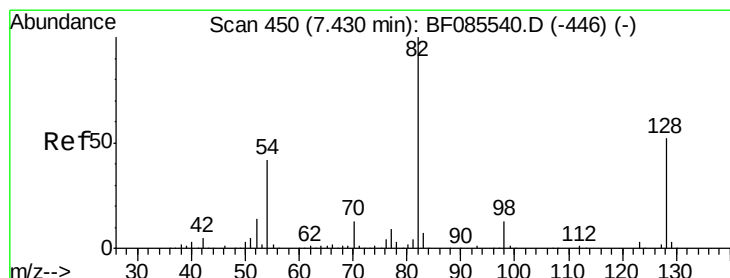
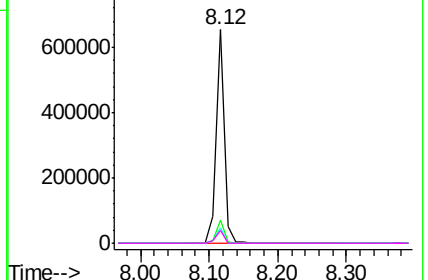
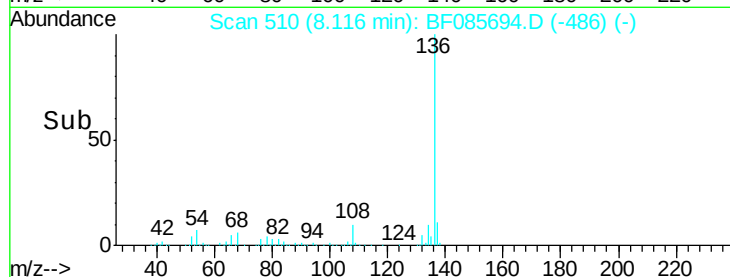


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.53 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085694.D

Acq: 23 Mar 2016 8:47

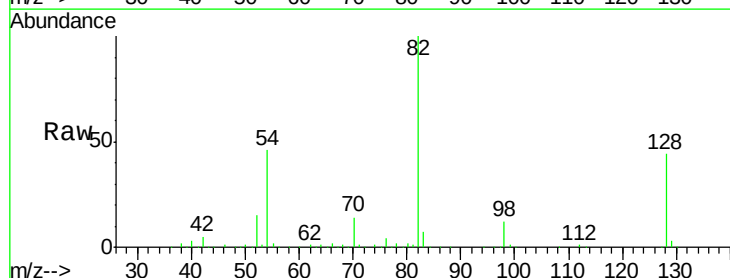
Tgt Ion: 82 Resp: 826511

Ion Ratio Lower Upper

82 100

128 44.2 41.8 62.8

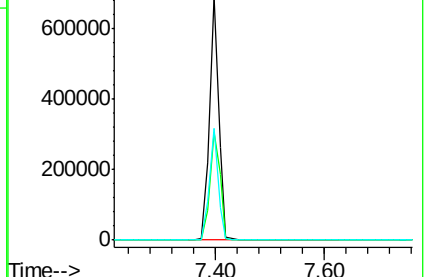
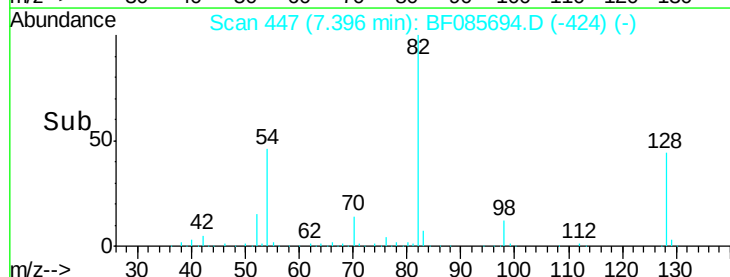
54 46.1 33.4 50.0

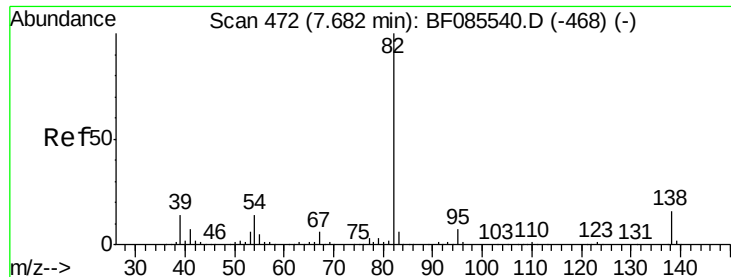


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.29 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.29 min

Lab File: BF085694.D

Acq: 23 Mar 2016 8:47

Instrument :

BNA_F

ClientSampled :

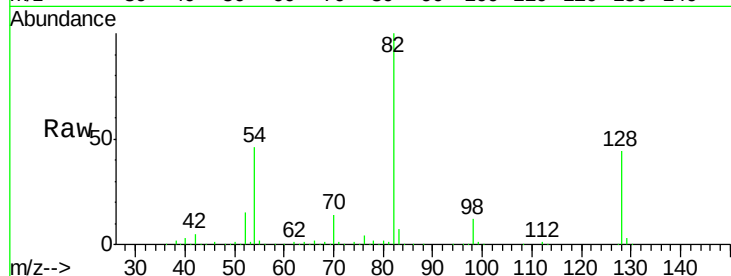
Tot Ion: 82 Resp: 667258

Ion Ratio Lower Upper

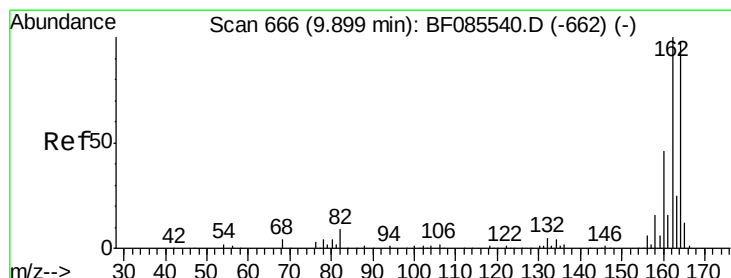
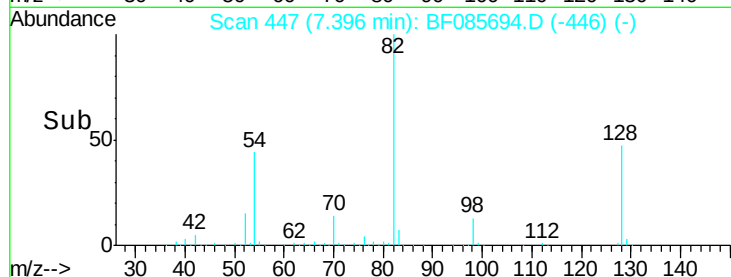
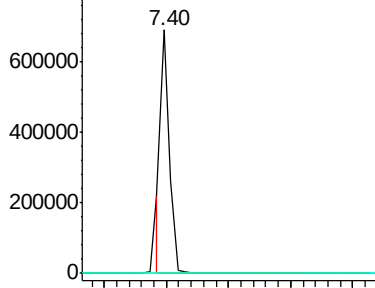
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



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: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085694.D

Acq: 23 Mar 2016 8:47

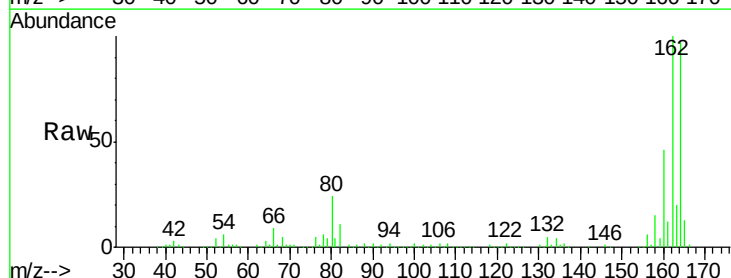
Tgt Ion: 164 Resp: 234823

Ion Ratio Lower Upper

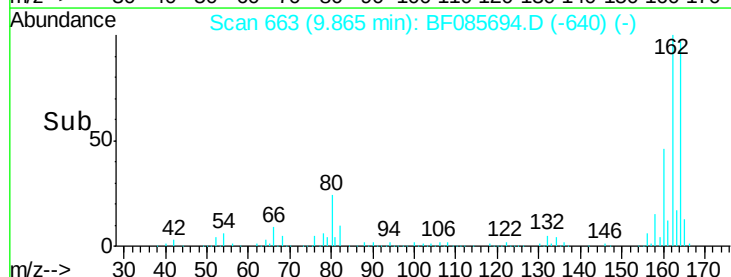
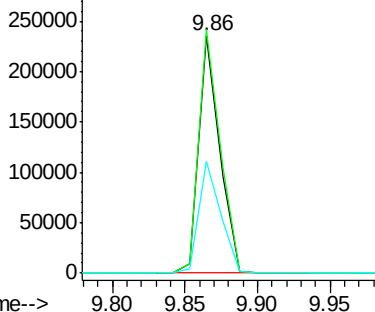
164 100

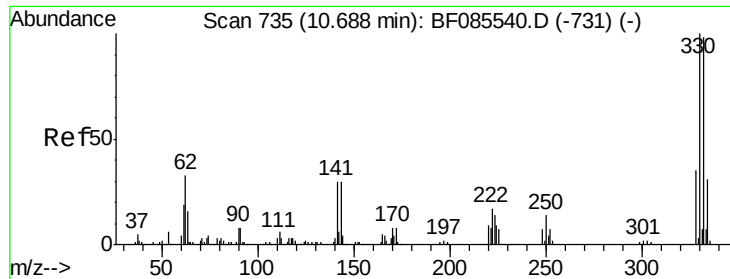
162 102.6 82.1 123.1

160 46.9 37.4 56.2



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

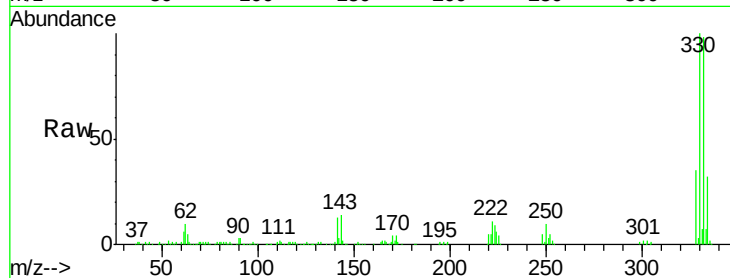




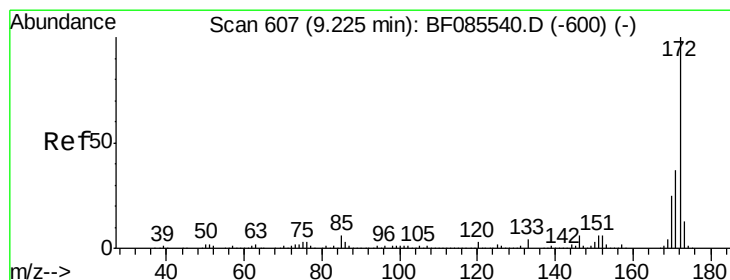
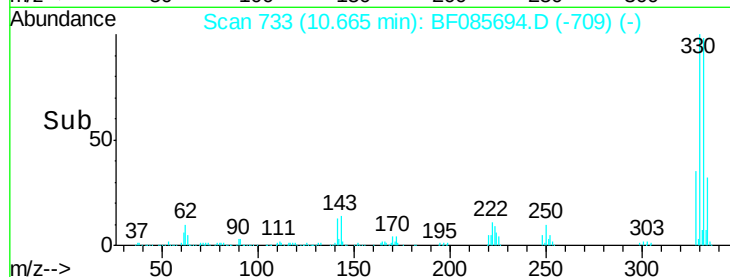
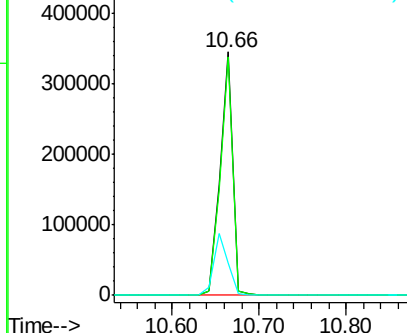
#41
 2,4,6-Tribromophenol
 Concen: 155.19 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085694.D
 Acq: 23 Mar 2016 8:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.2
141	29.5	31.5	47.3#

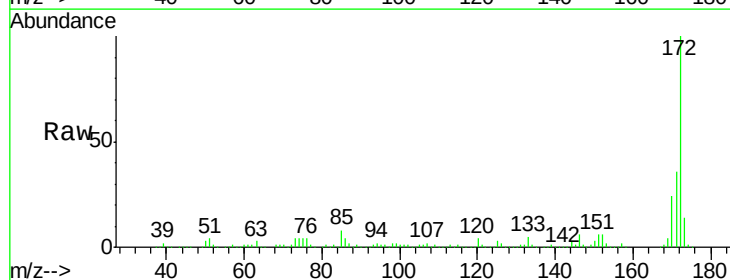


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

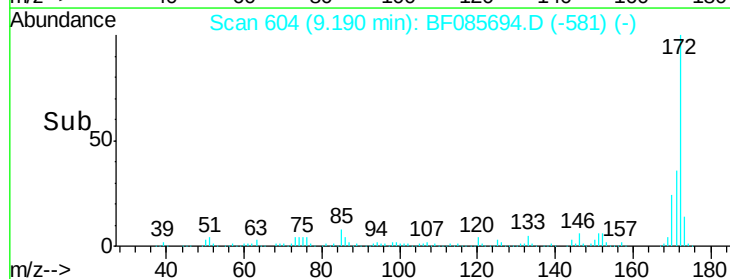
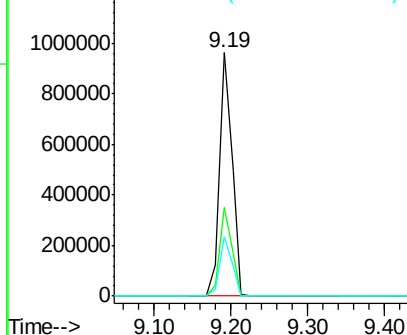


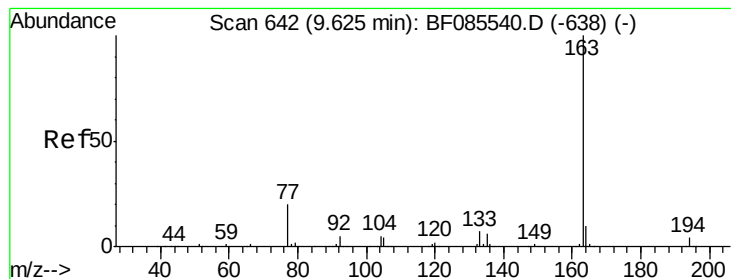
#44
 2-Fluorobiphenyl
 Concen: 78.30 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085694.D
 Acq: 23 Mar 2016 8:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.3	19.8	29.6



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: 17.38 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF085694.D

Acq: 23 Mar 2016 8:47

Instrument :

BNA_F

ClientSampleId :

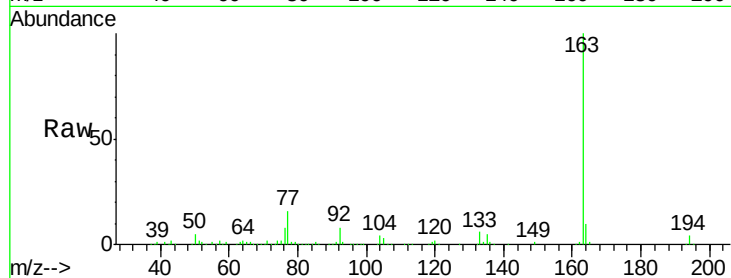
Tot Ion:163 Resp: 307997

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

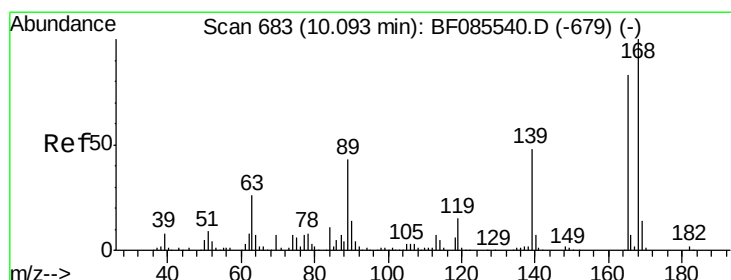
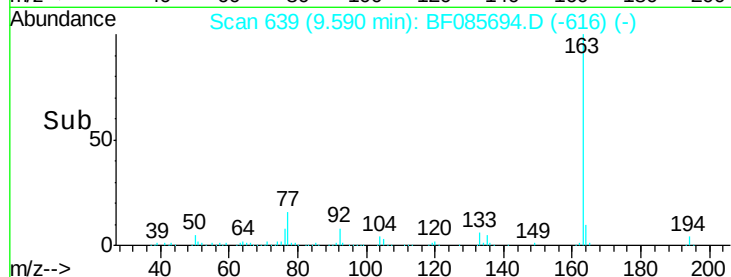
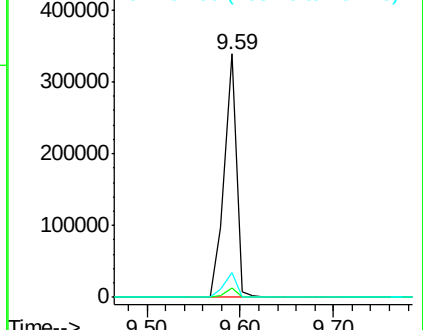
164 10.0 8.3 12.5



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: 6.04 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085694.D

Acq: 23 Mar 2016 8:47

Tgt Ion:165 Resp: 29601

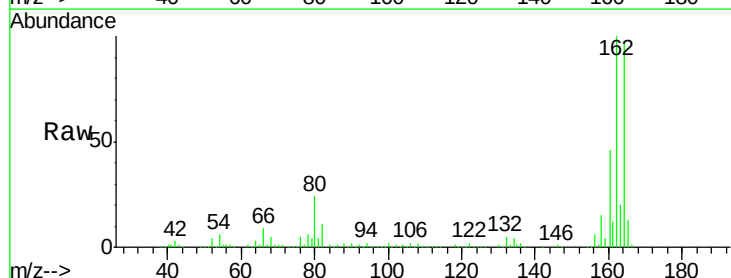
Ion Ratio Lower Upper

165 100

63 1.3 24.9 37.3#

89 1.5 41.0 61.6#

182 0.0 2.1 3.1#

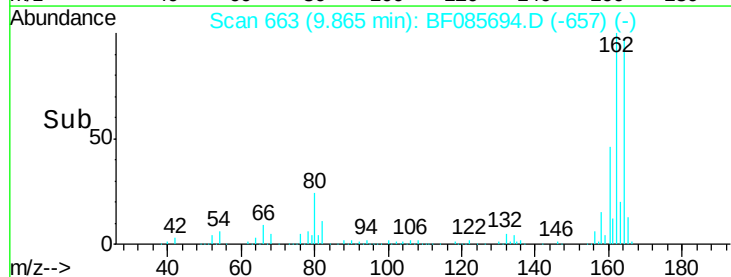
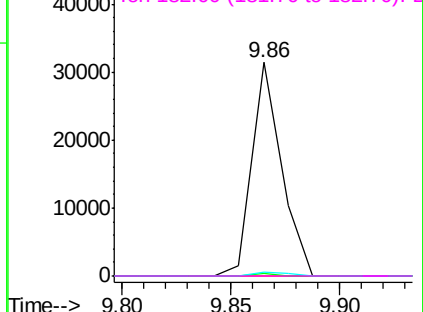


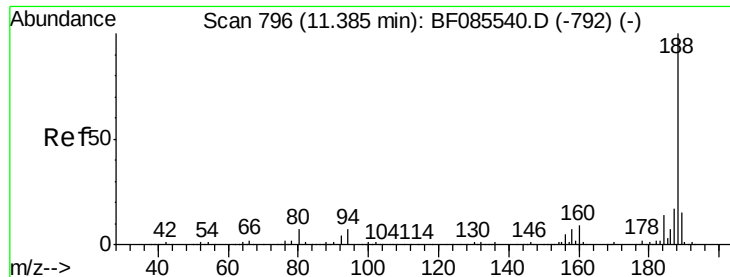
Abundance Ion 165.00 (164.70 to 165.70): E

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

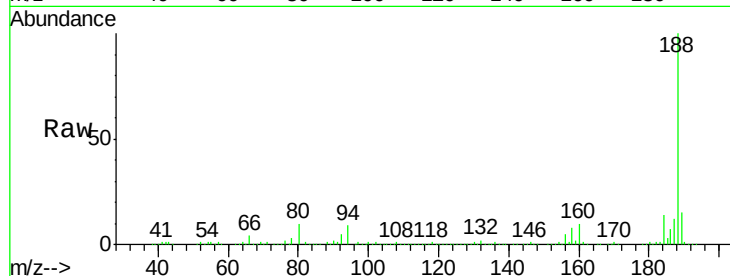




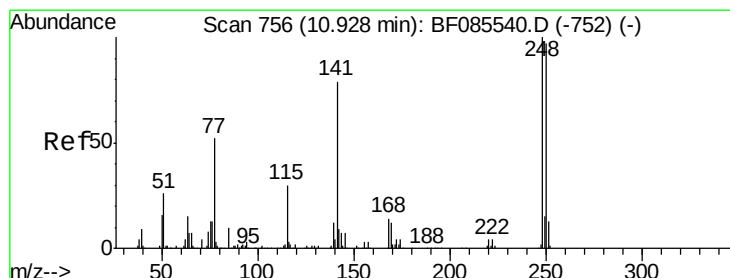
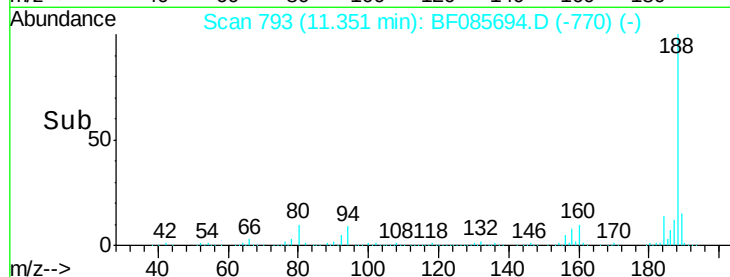
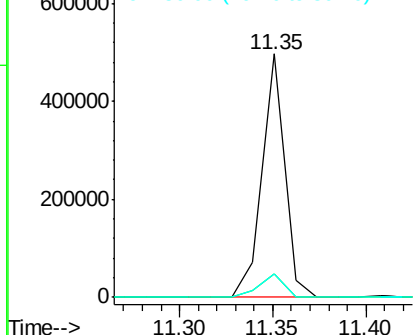
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF085694.D
Acq: 23 Mar 2016 8:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 416409
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 9.6 5.5 8.3#

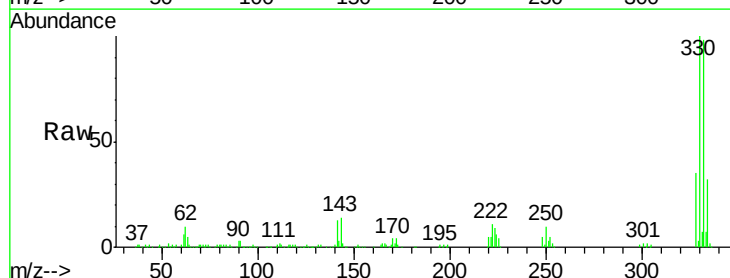


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

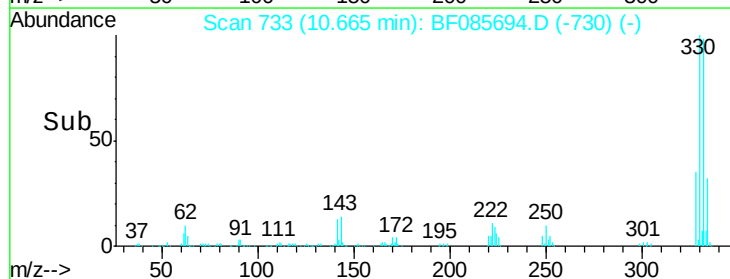
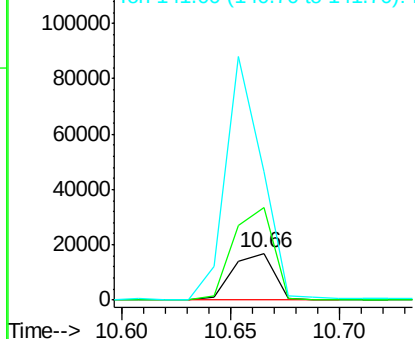


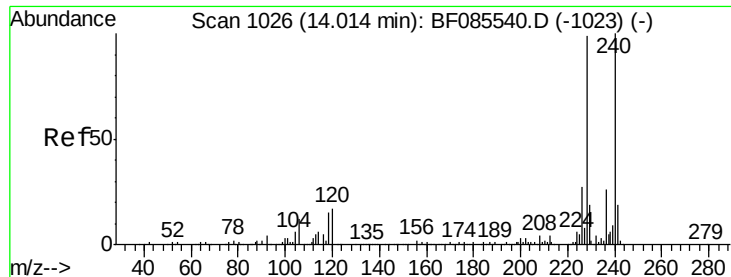
#66
4-Bromophenyl-phenylether
Concen: 5.31 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085694.D
Acq: 23 Mar 2016 8:47

Tgt Ion:248 Resp: 22075
Ion Ratio Lower Upper
248 100
250 195.8 77.4 116.0#
141 273.2 63.6 95.4#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.98 min Scan# 1023

Delta R.T. -0.03 min

Lab File: BF085694.D

Acq: 23 Mar 2016 8:47

Instrument :

BNA_F

ClientSampleId :

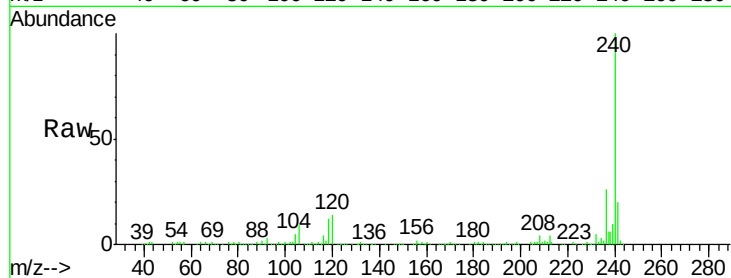
Tot Ion:240 Resp: 237430

Ion Ratio Lower Upper

240 100

120 13.9 13.8 20.8

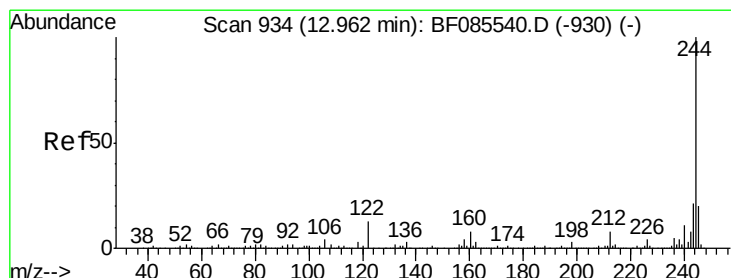
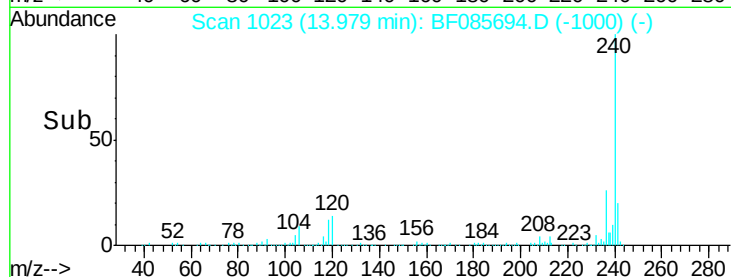
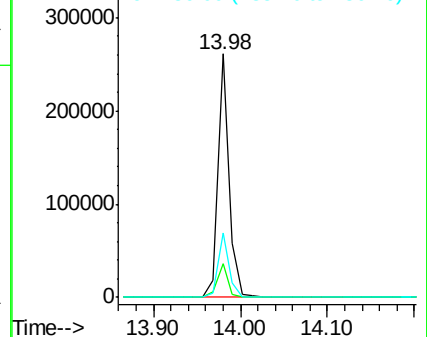
236 26.2 20.6 30.8



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: 79.43 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085694.D

Acq: 23 Mar 2016 8:47

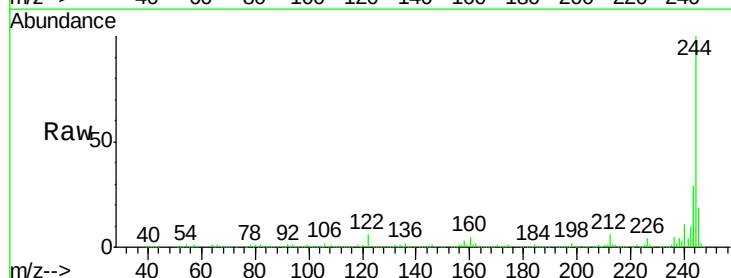
Tgt Ion:244 Resp: 783688

Ion Ratio Lower Upper

244 100

212 6.4 6.1 9.1

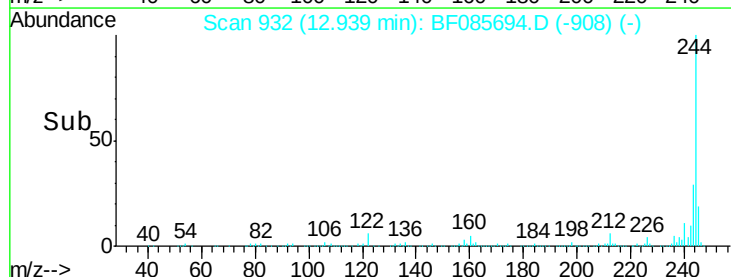
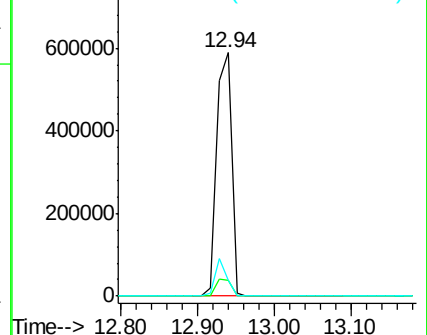
122 6.4 10.2 15.4#

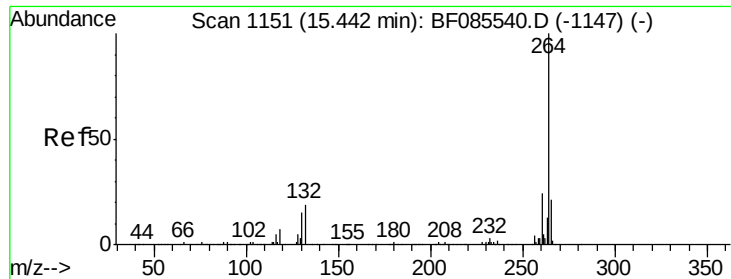


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

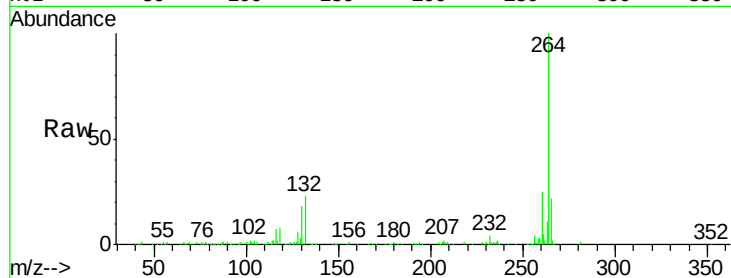




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF085694.D
Acq: 23 Mar 2016 8:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	21.6	17.2	25.8



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

