

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032216\
 Data File : BF085695.D
 Acq On : 23 Mar 2016 9:15
 Operator : UM/SJ
 Sample : H1857-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 13:36:16 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

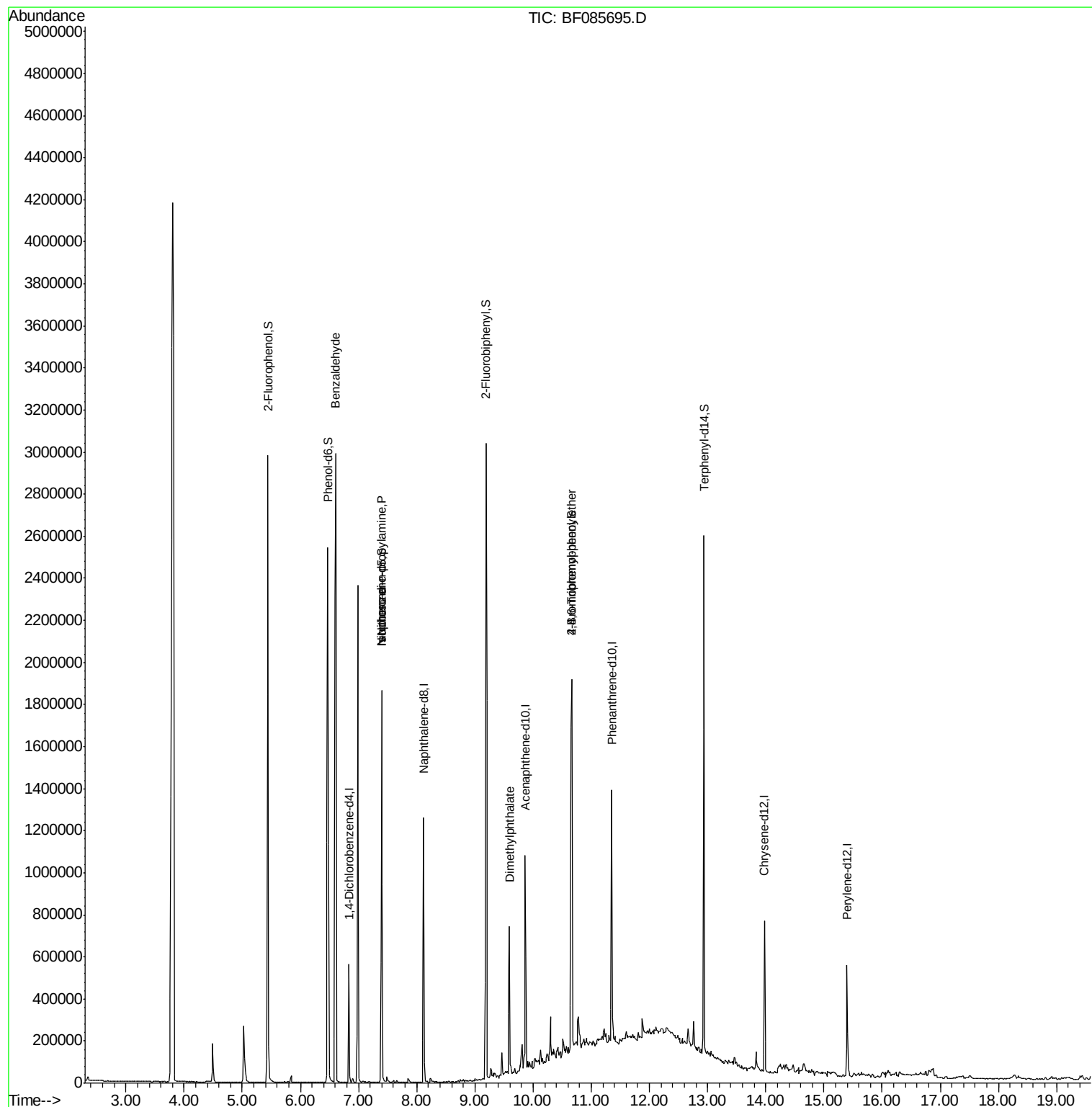
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	124023	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	533905	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	231145	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	411539	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	232218	20.00	ng	-0.03
86) Perylene-d12	15.40	264	218563	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1094194	148.19	ng	-0.01
7) Phenol-d6	6.47	99	1344950	142.02	ng	-0.02
23) Nitrobenzene-d5	7.40	82	841830	91.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	369862	163.35	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1283233	98.66	ng	-0.03
78) Terphenyl-d14	12.94	244	967831	100.29	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.61	77	25499	3.38	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.40	70	107737	19.05	ng	# 79
25) Isophorone	7.40	82	700327	38.03	ng	# 68
49) Dimethylphthalate	9.59	163	301614	17.29	ng	99
66) 4-Bromophenyl-phenylether	10.66	248	23254	5.66	ng	# 1

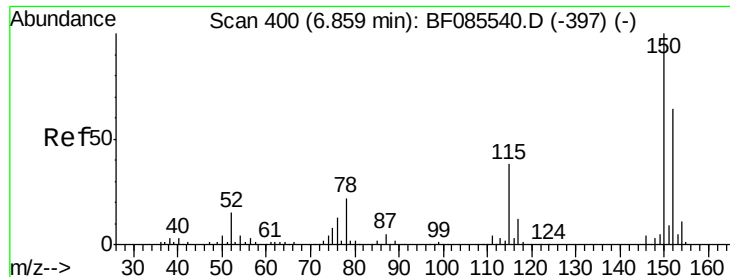
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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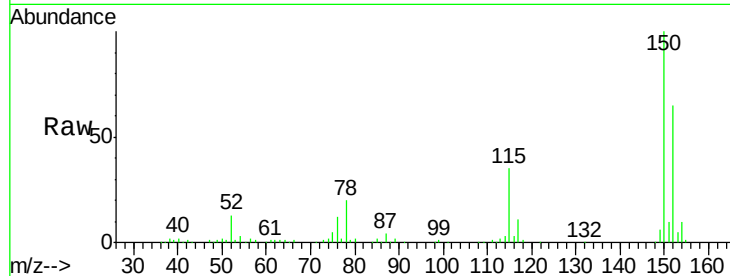


#1

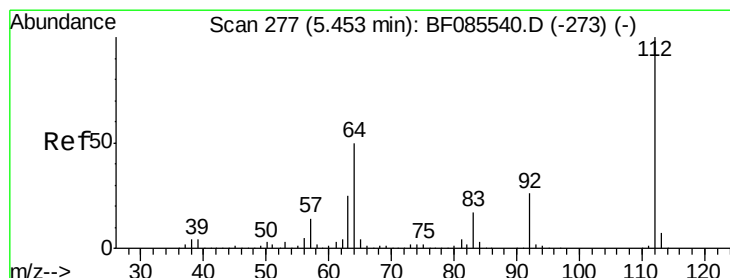
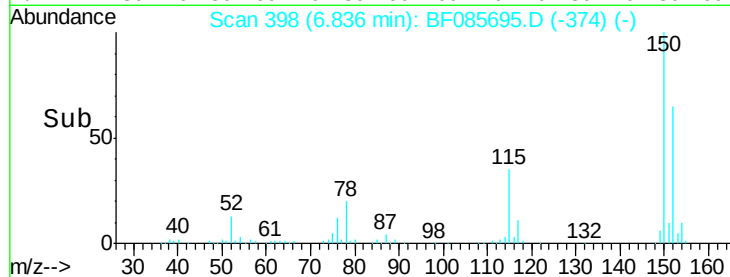
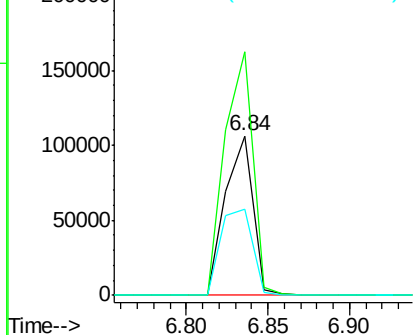
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085695.D
Acq: 23 Mar 2016 9:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 124023
Ion Ratio Lower Upper
152 100
150 152.7 124.2 186.2
115 53.7 47.0 70.6



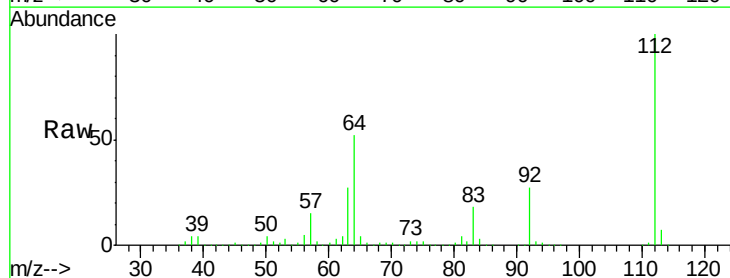
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



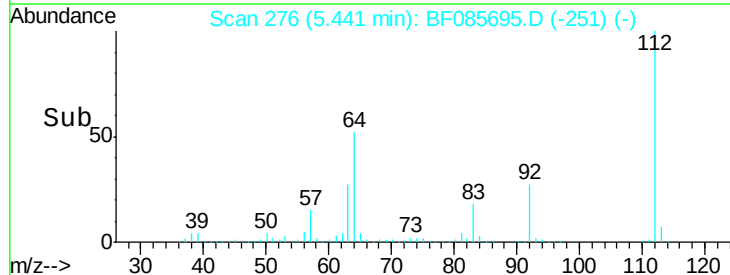
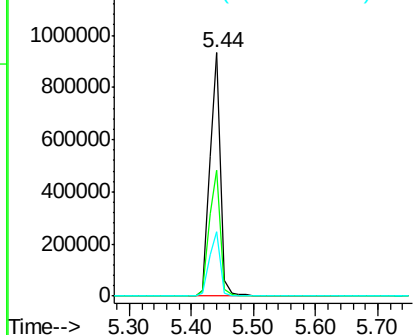
#5

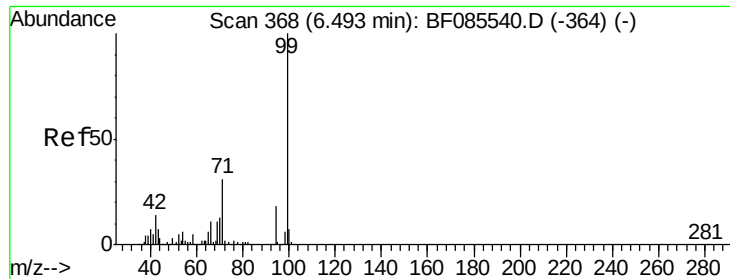
2-Fluorophenol
Concen: 148.19 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085695.D
Acq: 23 Mar 2016 9:15

Tgt Ion:112 Resp: 1094194
Ion Ratio Lower Upper
112 100
64 52.0 39.9 59.9
63 26.6 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: 142.02 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085695.D

Acq: 23 Mar 2016 9:15

Instrument :

BNA_F

ClientSampled :

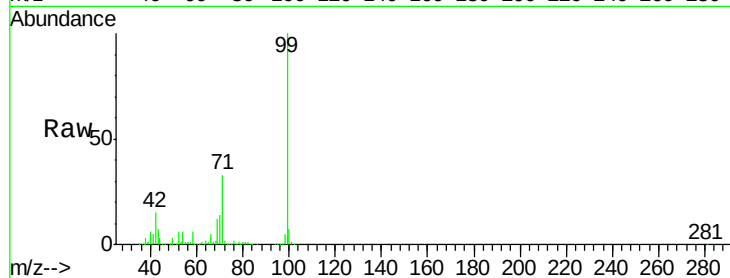
Tot Ion: 99 Resp: 1344950

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

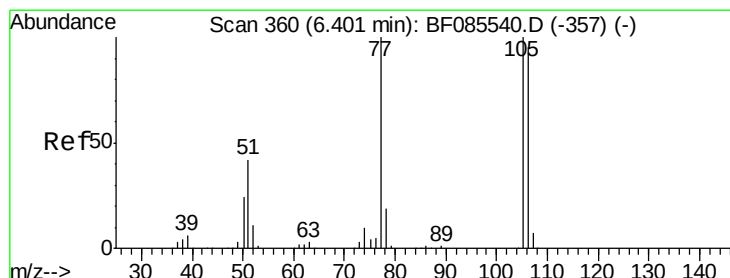
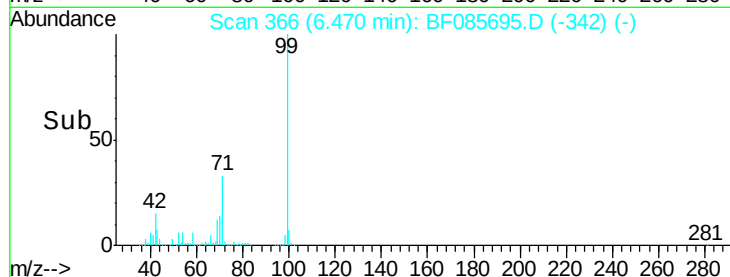
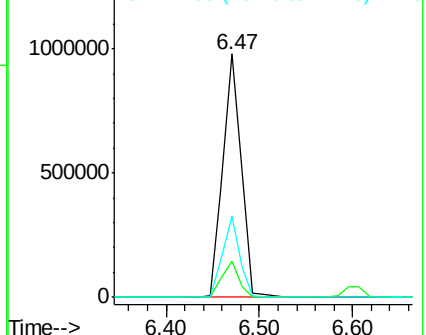
71 33.4 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.38 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.21 min

Lab File: BF085695.D

Acq: 23 Mar 2016 9:15

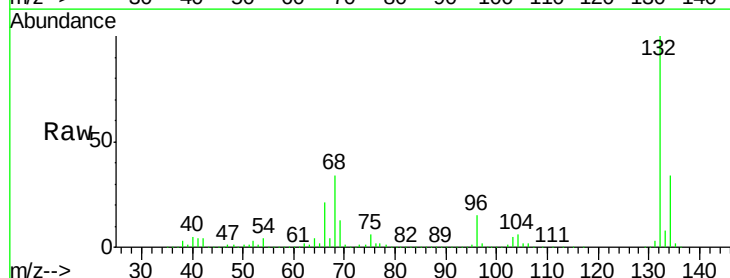
Tgt Ion: 77 Resp: 25499

Ion Ratio Lower Upper

77 100

105 88.2 80.1 120.1

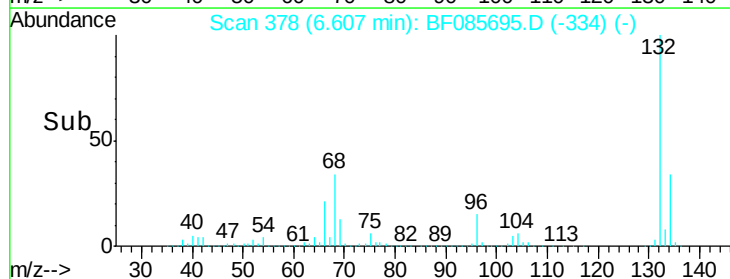
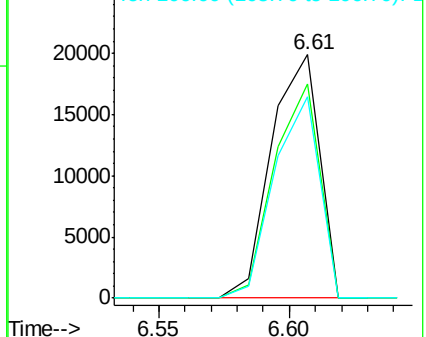
106 82.6 75.0 115.0

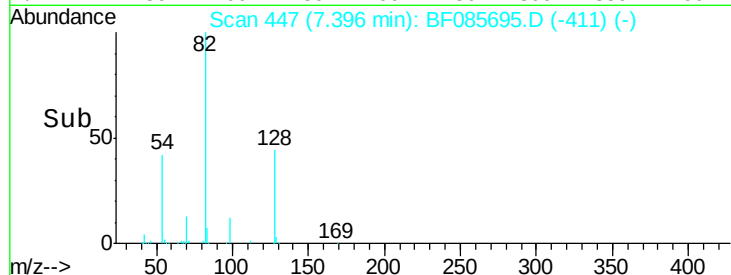
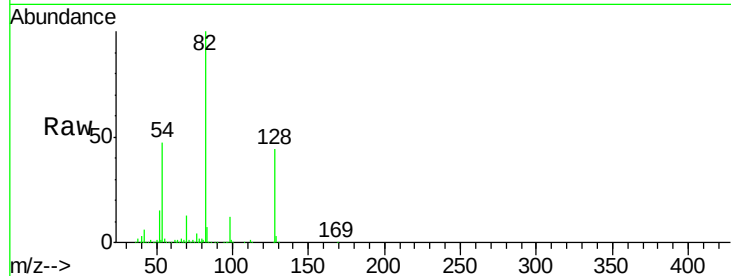
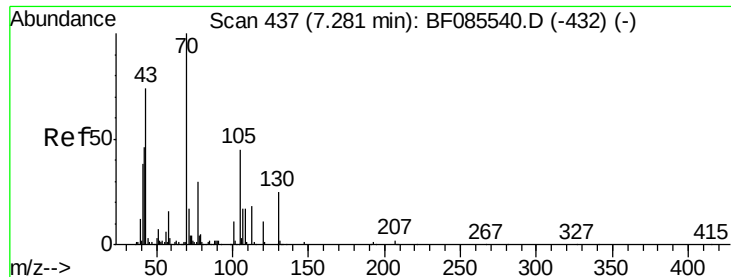


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

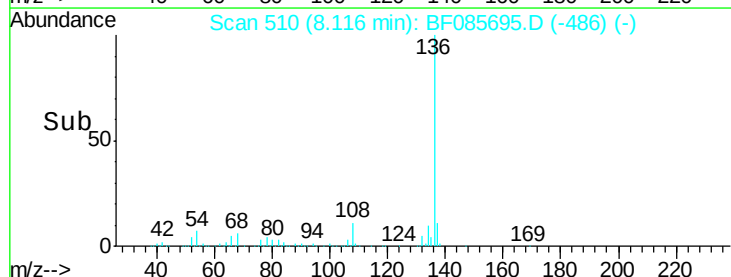
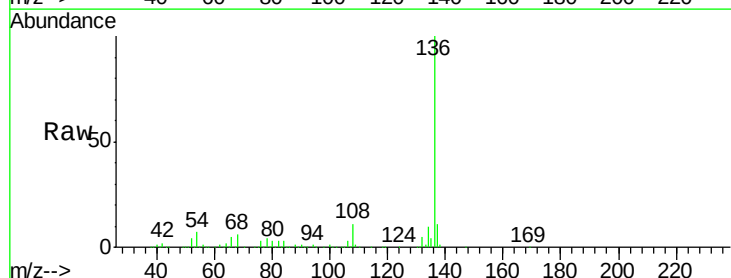
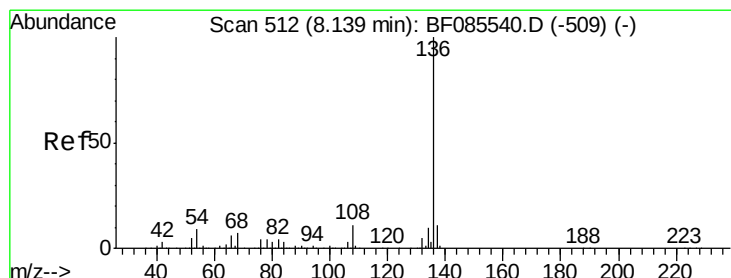
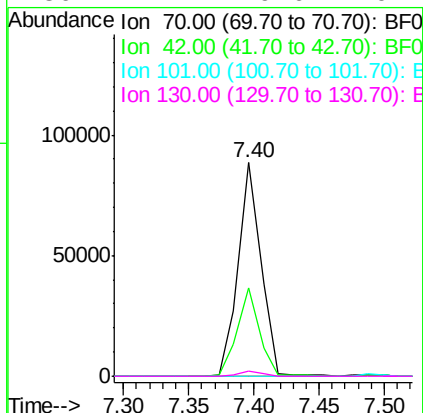




#19
n-Nitroso-di-n-propylamine
Concen: 19.05 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.11 min
Lab File: BF085695.D
Acq: 23 Mar 2016 9:15

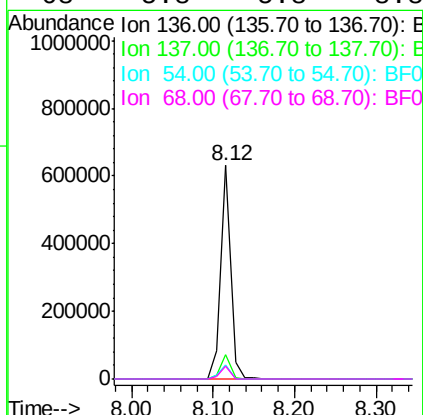
Instrument :
BNA_F
ClientSampled :

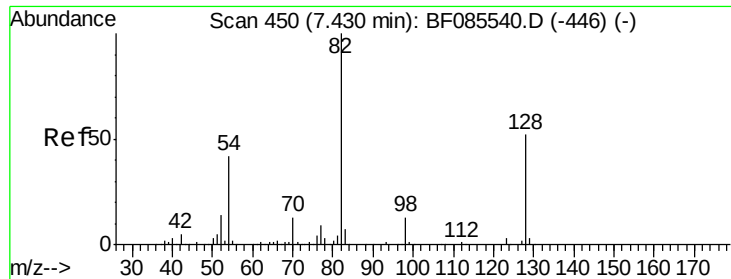
Tot Ion: 70 Resp: 107737
Ion Ratio Lower Upper
70 100
42 41.3 37.1 55.7
101 0.0 8.6 12.8#
130 2.4 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085695.D
Acq: 23 Mar 2016 9:15

Tgt Ion: 136 Resp: 533905
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 6.9 7.4 11.0#
68 5.8 5.8 8.8#

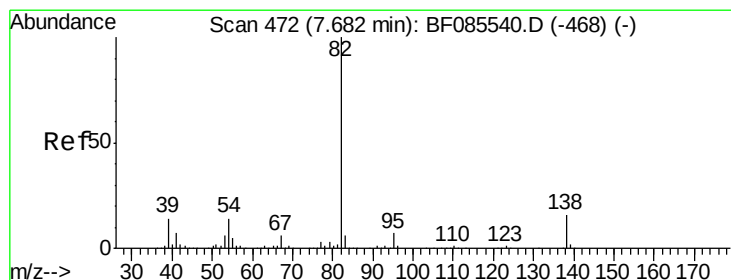
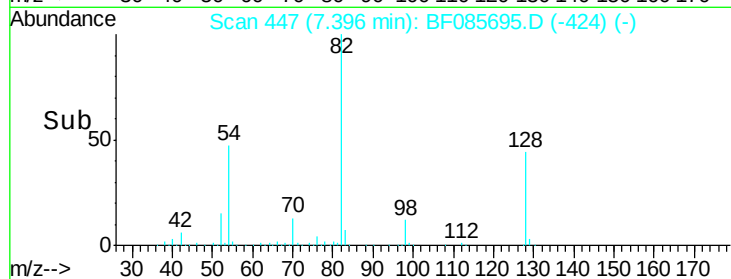
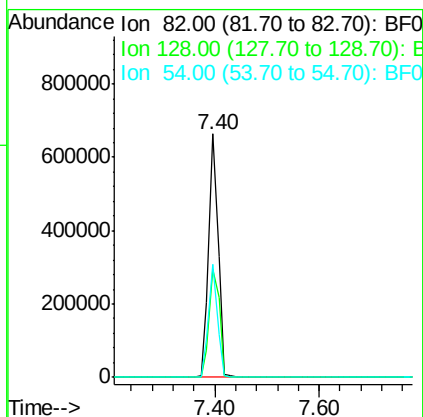
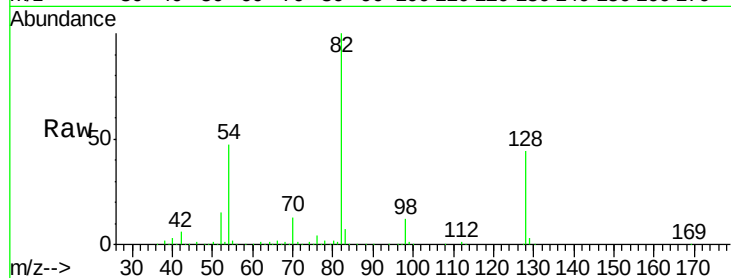




#23
Nitrobenzene-d5
Concen: 91.52 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085695.D
Acq: 23 Mar 2016 9:15

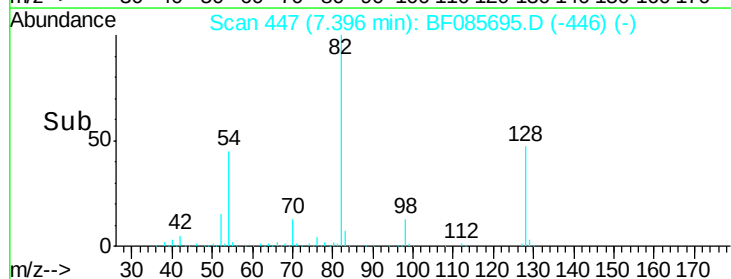
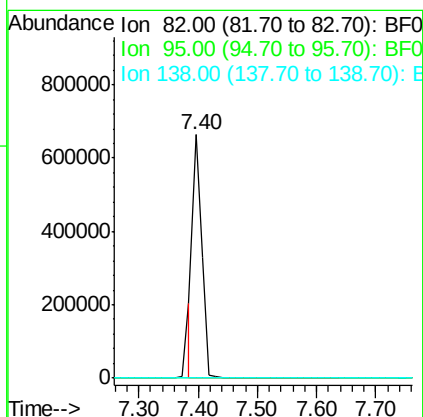
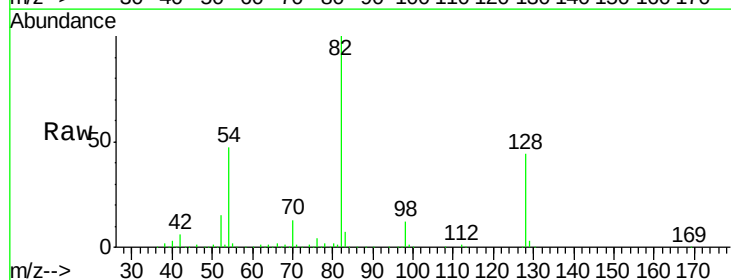
Instrument :
BNA_F
ClientSampled :

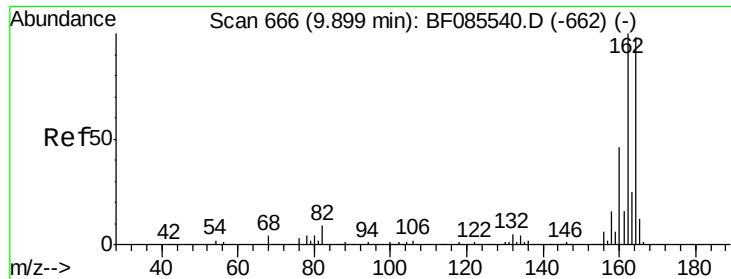
Tot Ion: 82 Resp: 841830
Ion Ratio Lower Upper
82 100
128 44.4 41.8 62.8
54 46.5 33.4 50.0



#25
Isophorone
Concen: 38.03 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.29 min
Lab File: BF085695.D
Acq: 23 Mar 2016 9:15

Tgt Ion: 82 Resp: 700327
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085695.D

Acq: 23 Mar 2016 9:15

Instrument :

BNA_F

ClientSampleId :

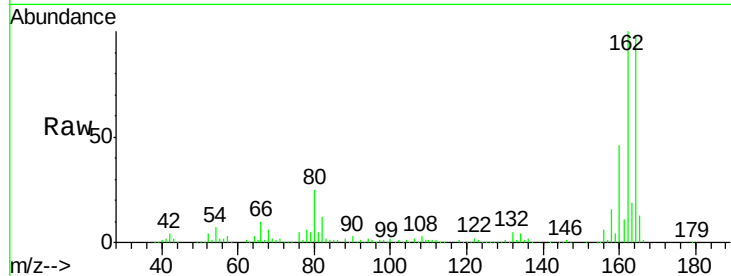
Tot Ion:164 Resp: 231145

Ion Ratio Lower Upper

164 100

162 102.0 82.1 123.1

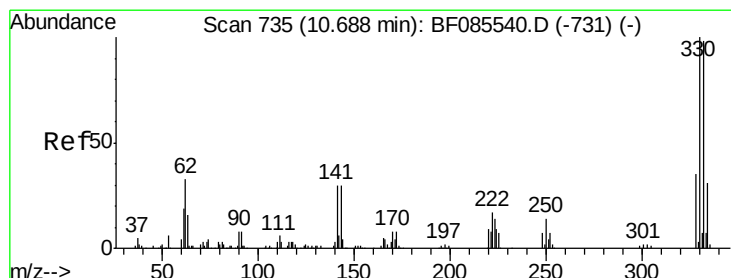
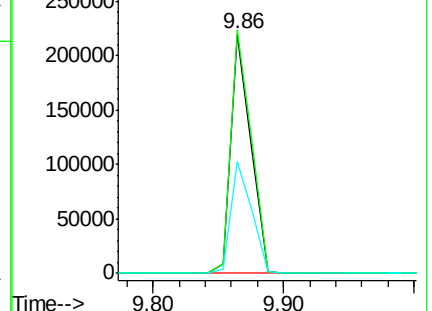
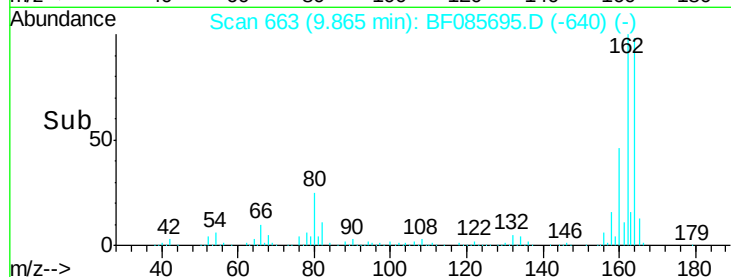
160 46.6 37.4 56.2



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: 163.35 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085695.D

Acq: 23 Mar 2016 9:15

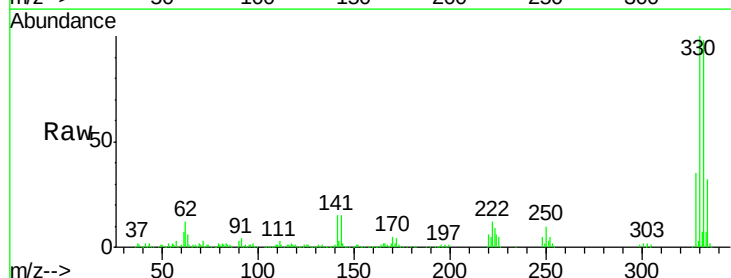
Tgt Ion:330 Resp: 369862

Ion Ratio Lower Upper

330 100

332 97.2 78.2 117.2

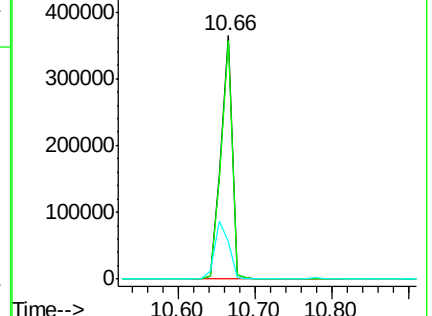
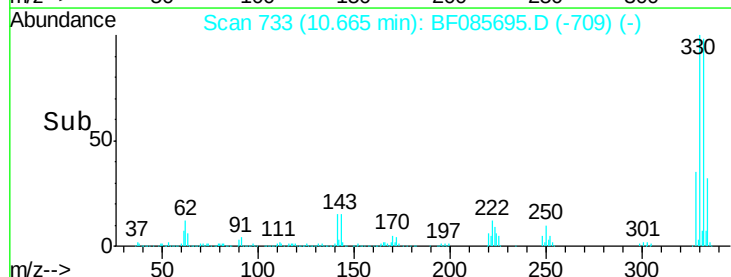
141 29.2 31.5 47.3#

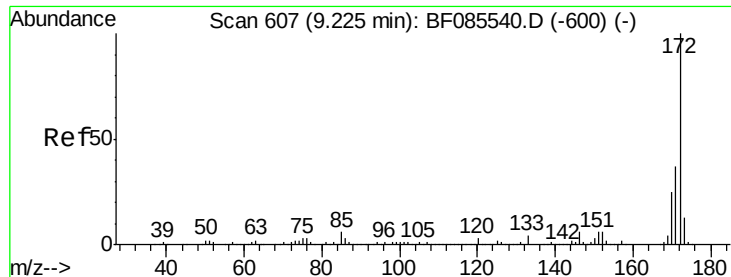


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



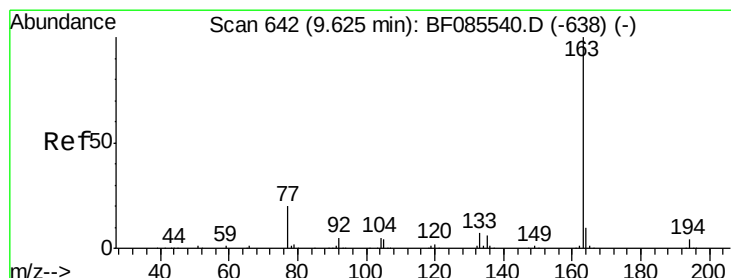
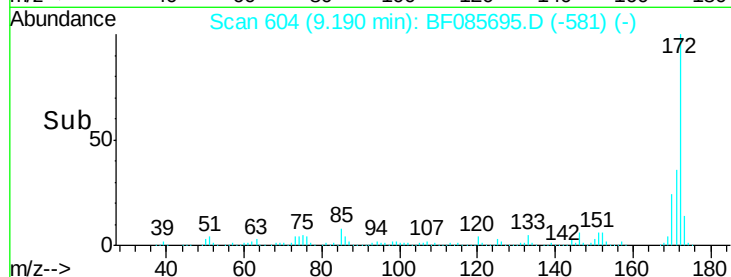
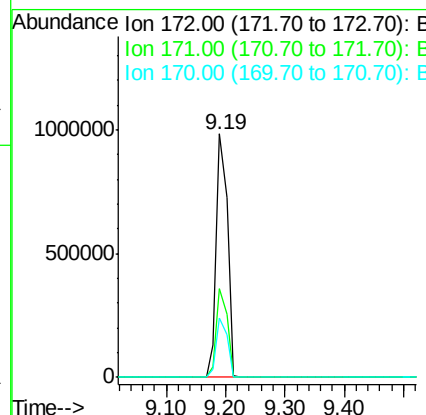
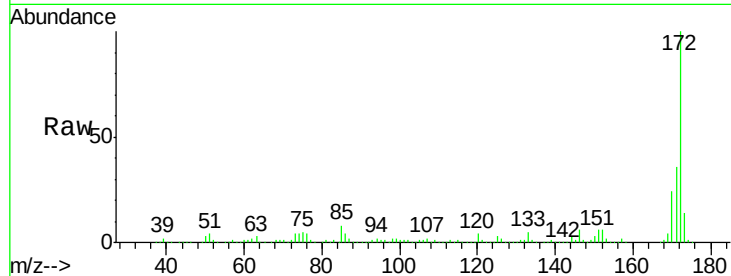


#44
 2-Fluorobiphenyl
 Concen: 98.66 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085695.D
 Acq: 23 Mar 2016 9:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1283233

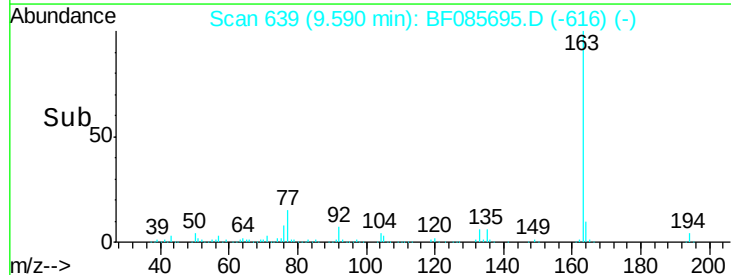
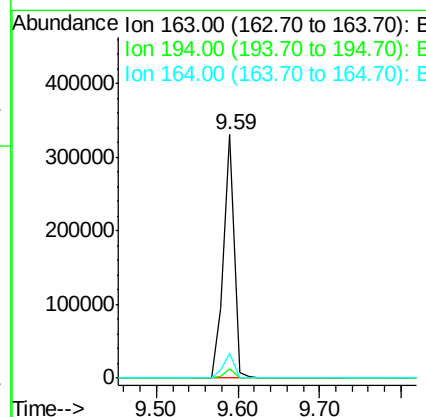
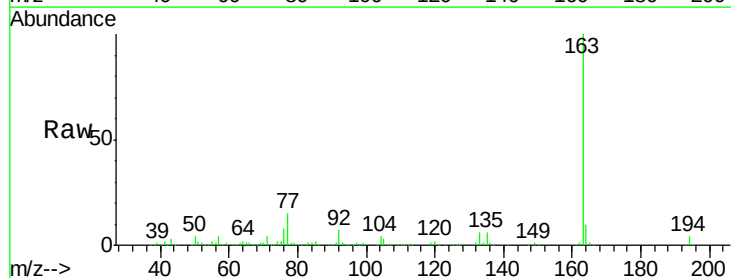
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.2
170	24.3	19.8	29.6

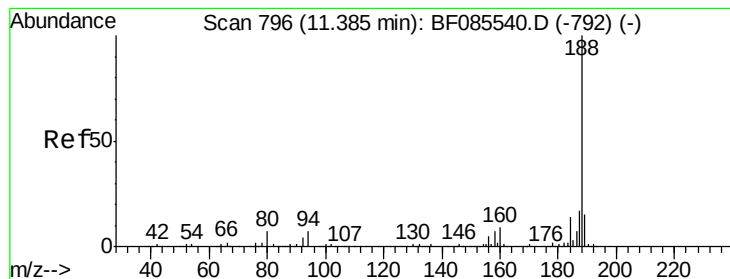


#49
 Dimethylphthalate
 Concen: 17.29 ng
 RT: 9.59 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF085695.D
 Acq: 23 Mar 2016 9:15

Tgt Ion:163 Resp: 301614

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.9	8.3	12.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.35 min Scan# 793

Delta R.T. -0.03 min

Lab File: BF085695.D

Acq: 23 Mar 2016 9:15

Instrument :

BNA_F

ClientSampleId :

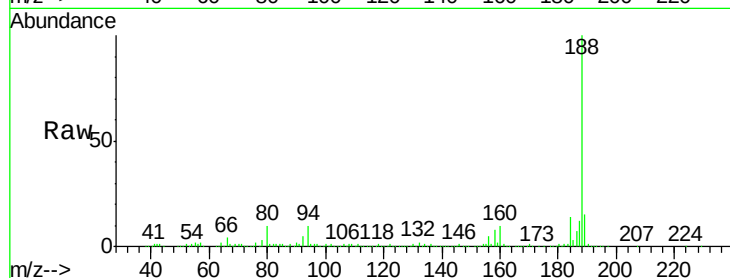
Tot Ion:188 Resp: 411539

Ion Ratio Lower Upper

188 100

94 10.0 5.4 8.0#

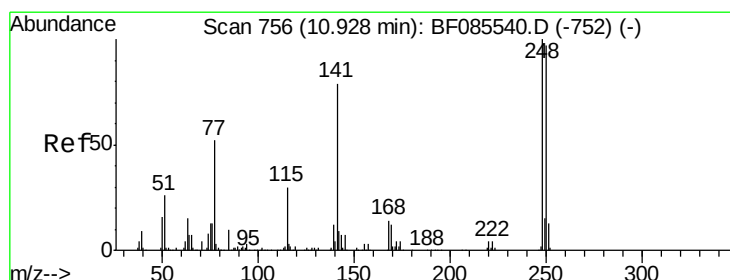
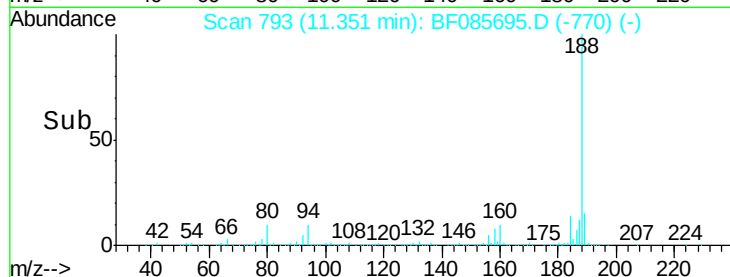
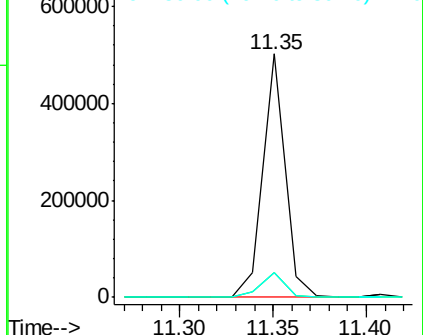
80 10.0 5.5 8.3#



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: 5.66 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.26 min

Lab File: BF085695.D

Acq: 23 Mar 2016 9:15

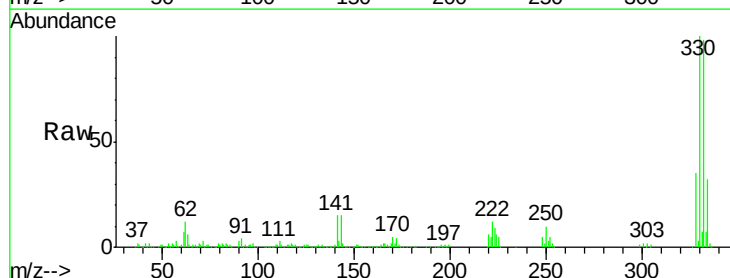
Tgt Ion:248 Resp: 23254

Ion Ratio Lower Upper

248 100

250 195.9 77.4 116.0#

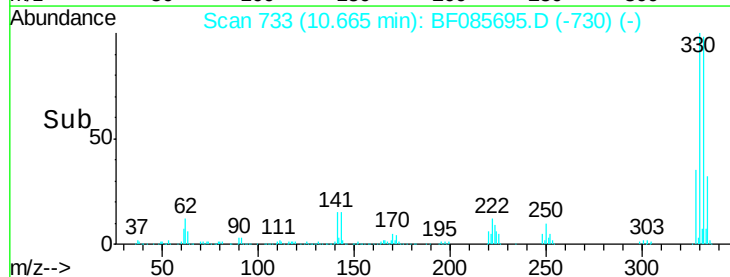
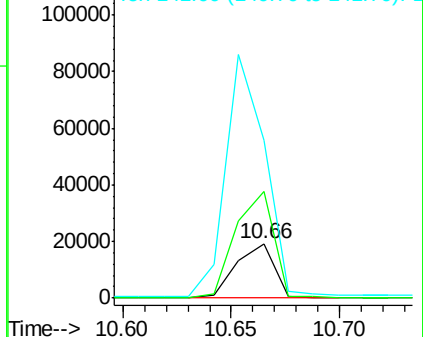
141 291.6 63.6 95.4#

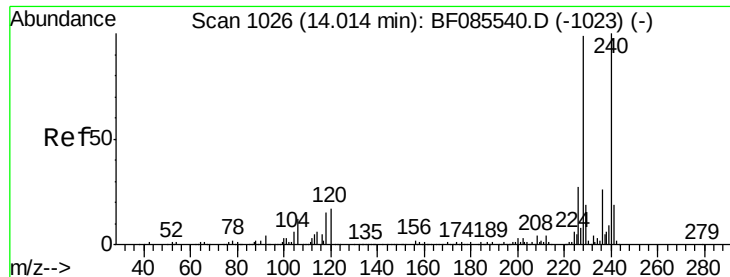


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF085695.D

Acq: 23 Mar 2016 9:15

Instrument :

BNA_F

ClientSampleId :

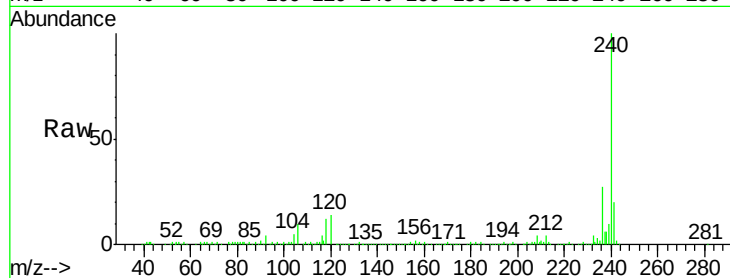
Tot Ion:240 Resp: 232218

Ion Ratio Lower Upper

240 100

120 13.8 13.8 20.8#

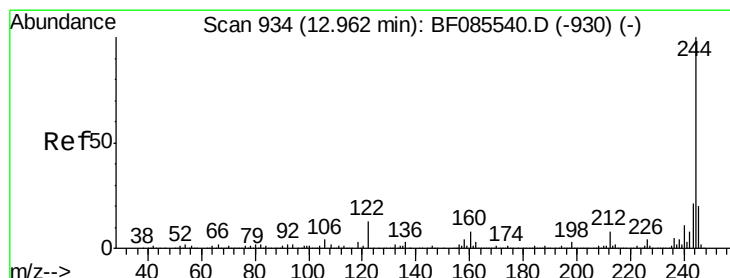
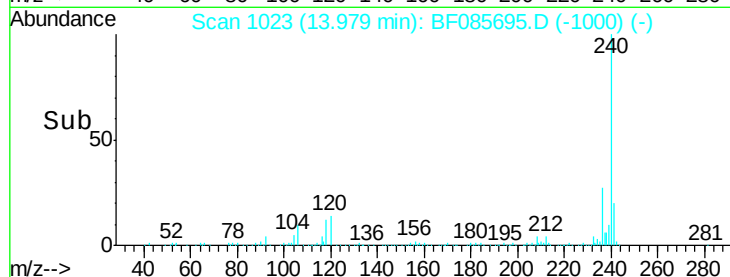
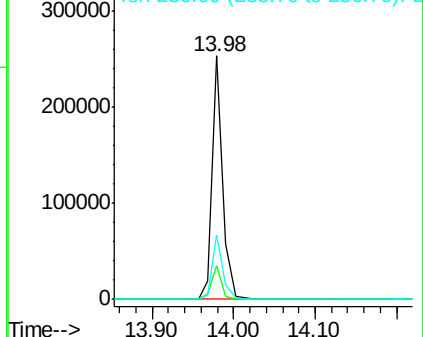
236 26.5 20.6 30.8



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: 100.29 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085695.D

Acq: 23 Mar 2016 9:15

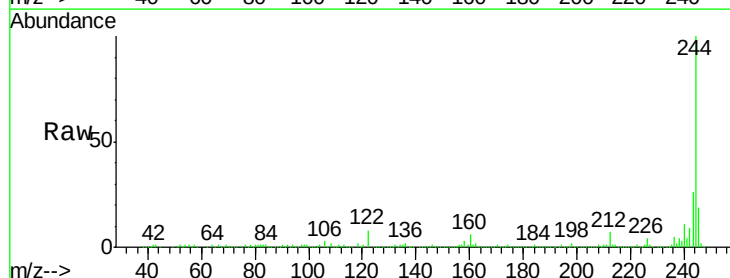
Tgt Ion:244 Resp: 967831

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

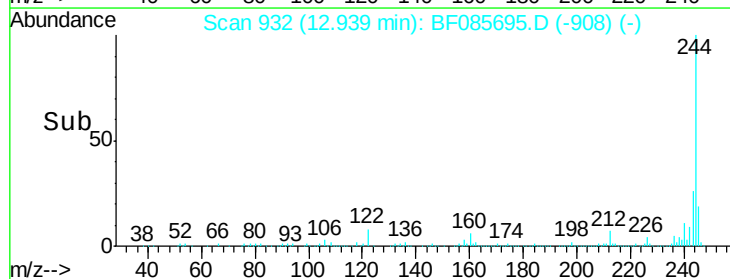
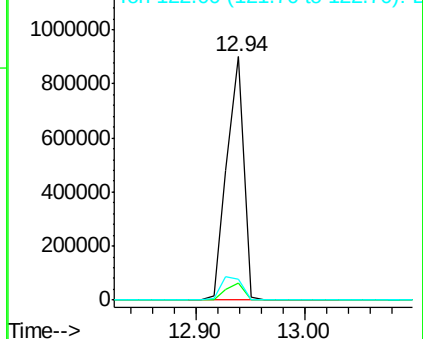
122 8.5 10.2 15.4#

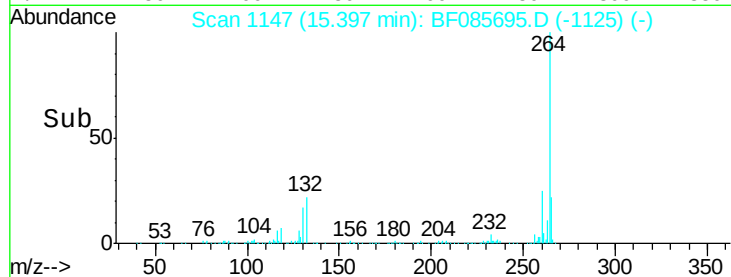
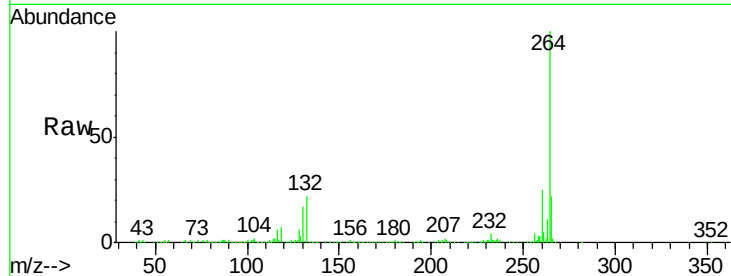
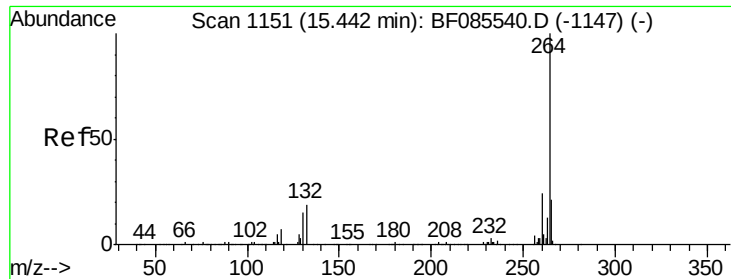


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085695.D
 Acq: 23 Mar 2016 9:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	218563
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.6	17.2	25.8

