

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
 Data File : BF085895.D
 Acq On : 30 Mar 2016 19:25
 Operator : UM/SJ
 Sample : H2027-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-16COMP

Quant Time: Mar 30 23:46:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

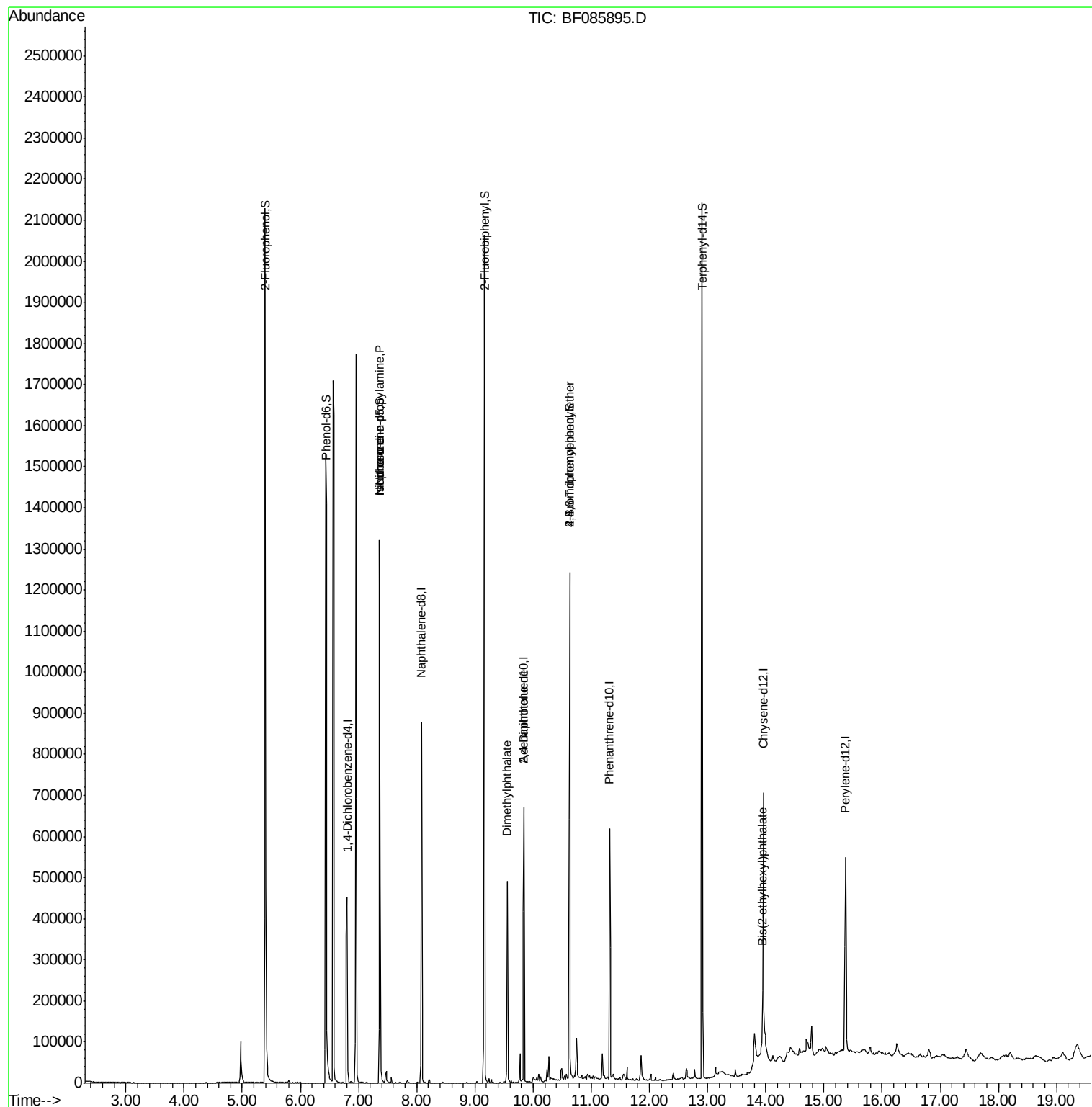
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	96985	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	384841	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	162507	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	260207	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	194078	20.00	ng	-0.01
86) Perylene-d12	15.37	264	205109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	668352	114.77	ng	0.00
7) Phenol-d6	6.45	99	884977	119.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	493221	72.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	174792	113.21	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	935363	96.17	ng	0.00
78) Terphenyl-d14	12.90	244	611978	64.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	63355	14.29	ng	# 79
25) Isophorone	7.36	82	462292	35.12	ng	# 68
49) Dimethylphthalate	9.56	163	177808	14.42	ng	100
56) 2,4-Dinitrotoluene	9.84	165	20233	6.00	ng	# 36
66) 4-Bromophenyl-phenylether	10.63	248	11366	4.27	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.95	149	34170	4.27	ng	# 65

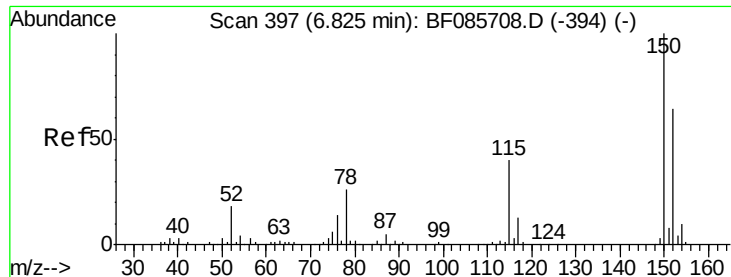
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF085895.D

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BNA_F

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GRID-16COMP

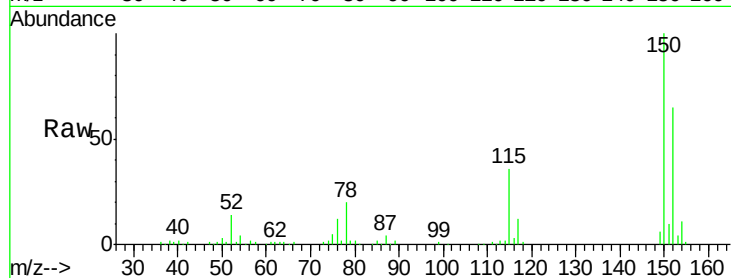
Tgt Ion:152 Resp: 96985

Ion Ratio Lower Upper

152 100

150 153.7 124.2 186.2

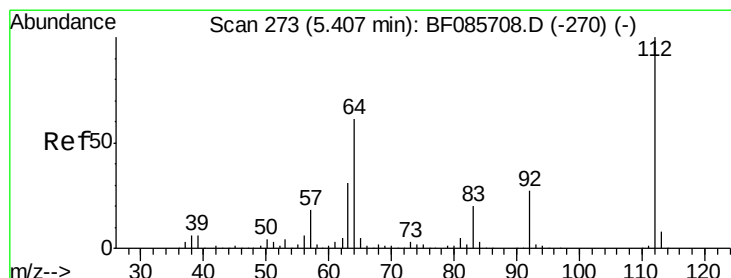
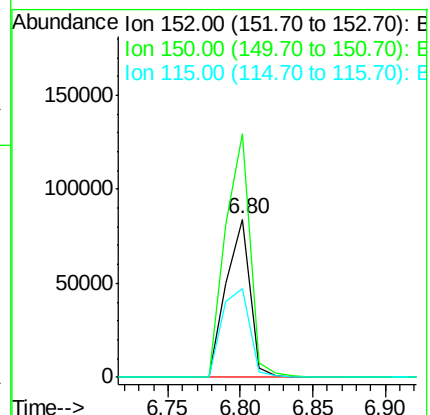
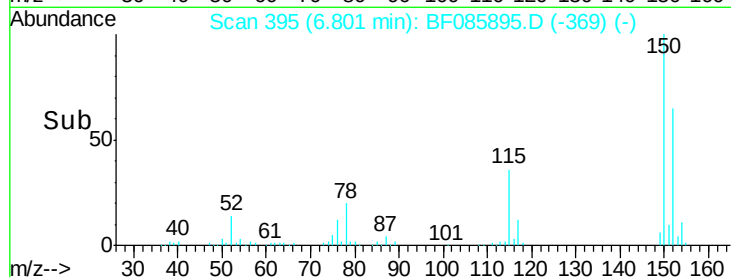
115 55.8 47.0 70.6



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: 114.77 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085895.D

Acq: 30 Mar 2016 19:25

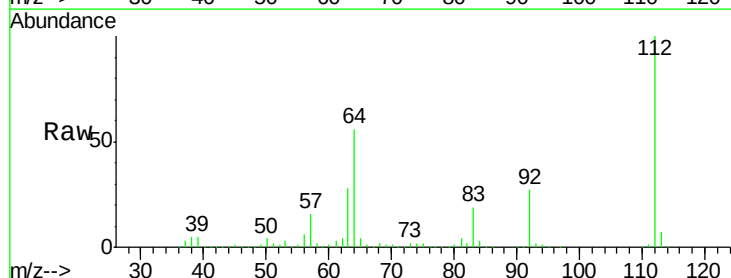
Tgt Ion:112 Resp: 668352

Ion Ratio Lower Upper

112 100

64 55.9 39.9 59.9

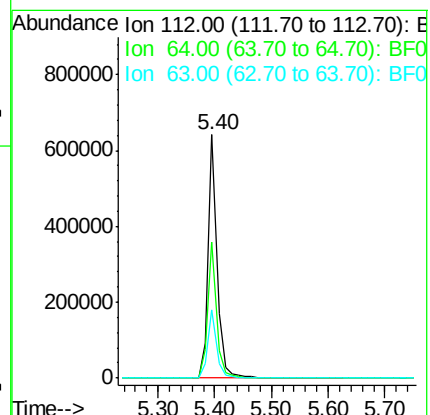
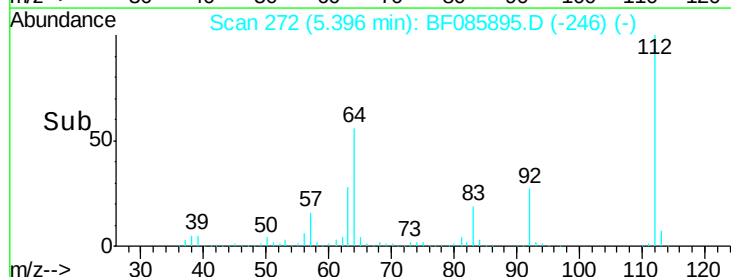
63 28.3 20.2 30.2

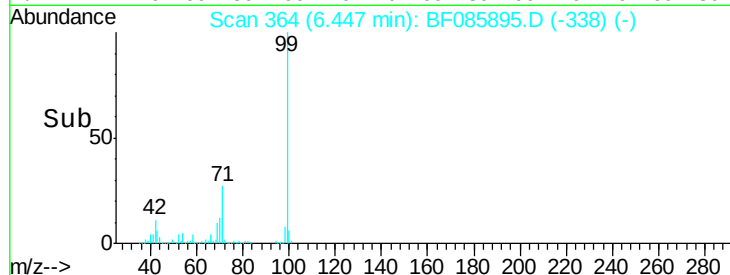
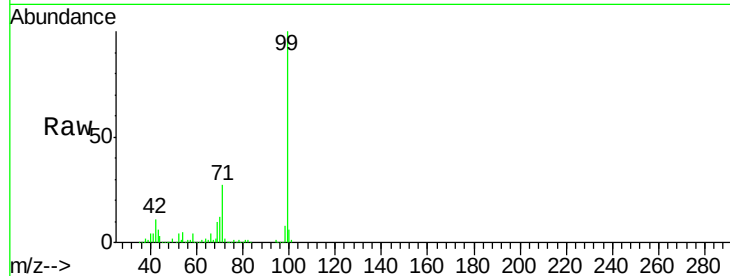
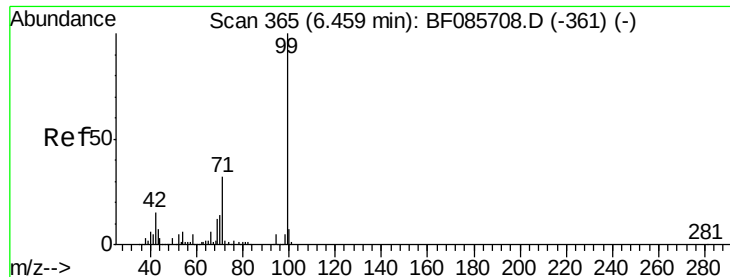


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.52 ng

RT: 6.45 min Scan# 364

Delta R.T. -0.00 min

Lab File: BF085895.D

Acq: 30 Mar 2016 19:25

Instrument :

BNA_F

ClientSampleId :

GRID-16COMP

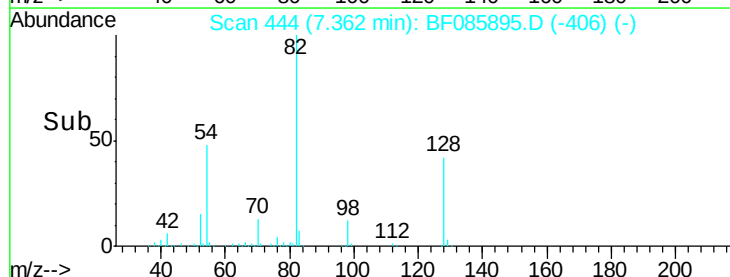
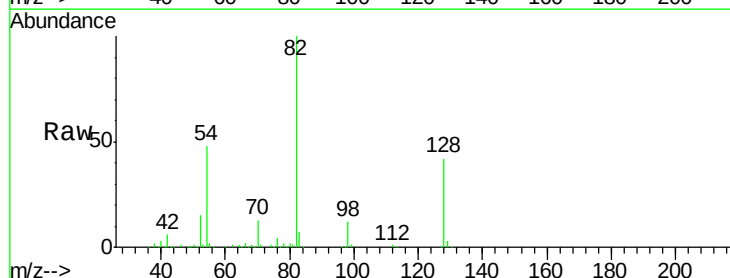
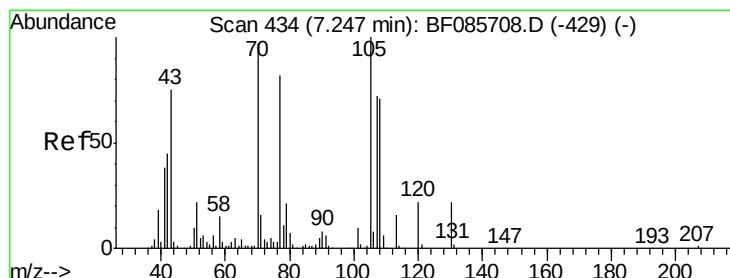
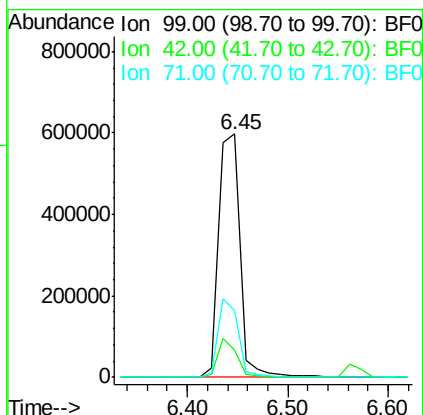
Tgt Ion: 99 Resp: 884977

Ion Ratio Lower Upper

99 100

42 11.4 11.1 16.7

71 27.4 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.29 ng

RT: 7.36 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF085895.D

Acq: 30 Mar 2016 19:25

Tgt Ion: 70 Resp: 63355

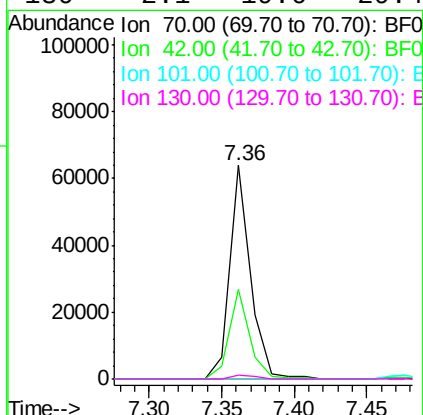
Ion Ratio Lower Upper

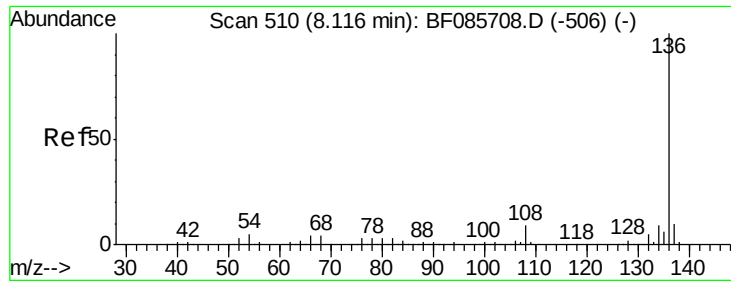
70 100

42 41.7 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 19.6 29.4#

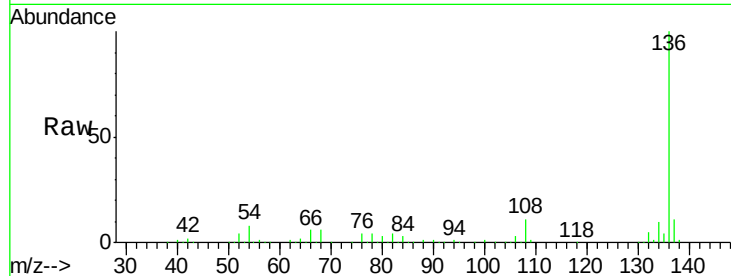




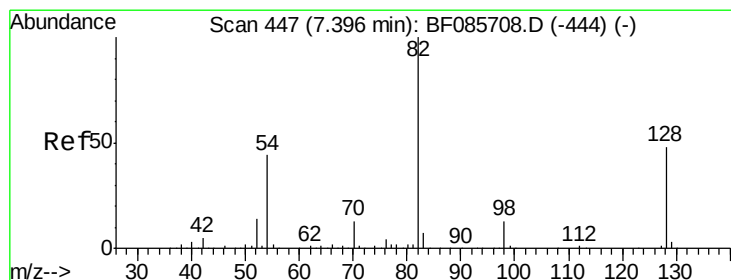
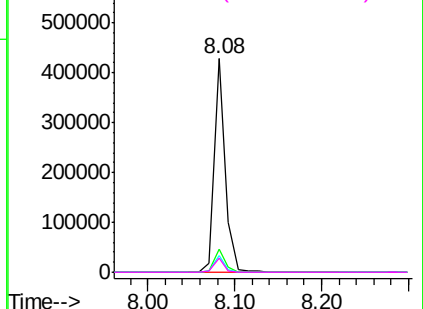
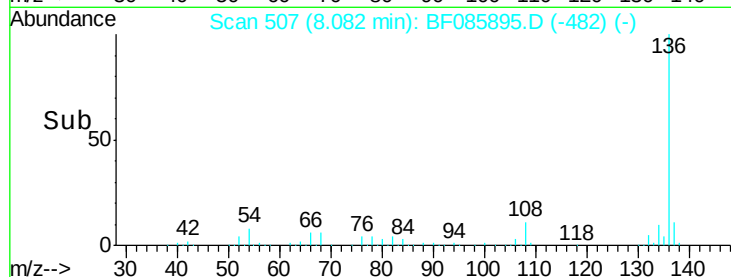
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF085895.D
Acq: 30 Mar 2016 19:25

Instrument :
BNA_F
ClientSampleId :
GRID-16COMP

Tgt Ion:136 Resp: 384841
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.0 7.4 11.0
68 6.4 5.8 8.8

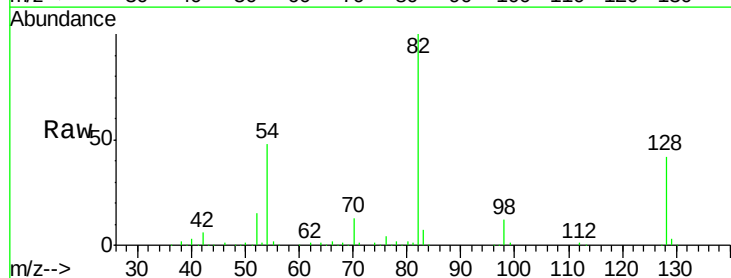


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

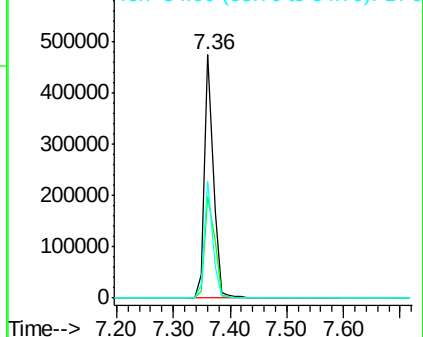
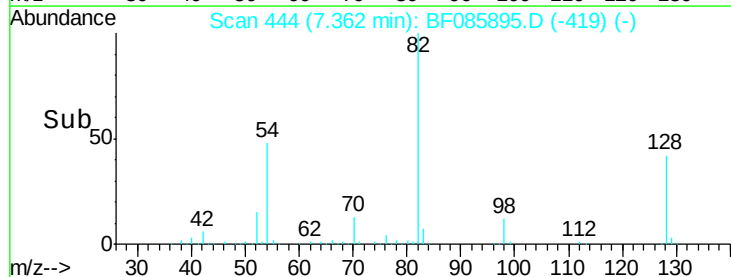


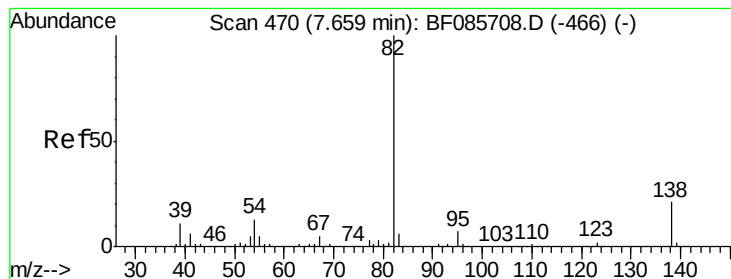
#23
Nitrobenzene-d5
Concen: 72.17 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF085895.D
Acq: 30 Mar 2016 19:25

Tgt Ion: 82 Resp: 493221
Ion Ratio Lower Upper
82 100
128 41.7 41.8 62.8#
54 47.8 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: 35.12 ng

RT: 7.36 min Scan# 444

Delta R.T. -0.27 min

Lab File: BF085895.D

Acq: 30 Mar 2016 19:25

Instrument :

BNA_F

ClientSampleId :

GRID-16COMP

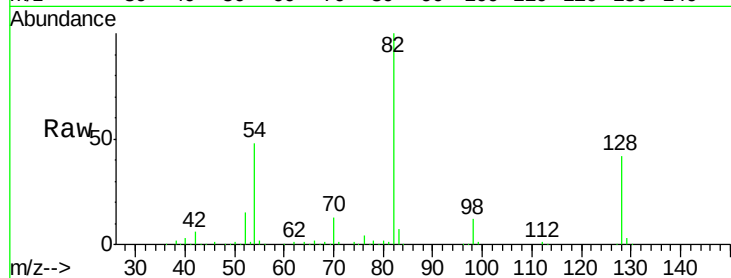
Tgt Ion: 82 Resp: 462292

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

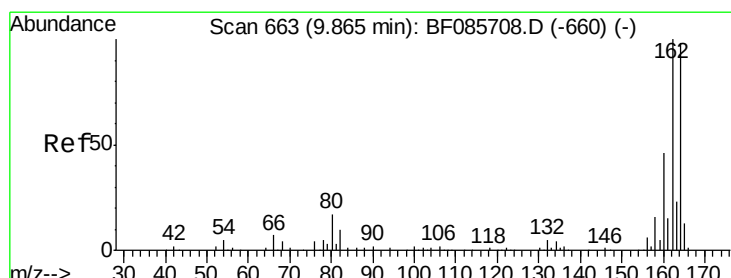
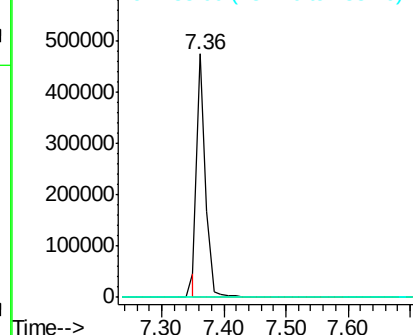
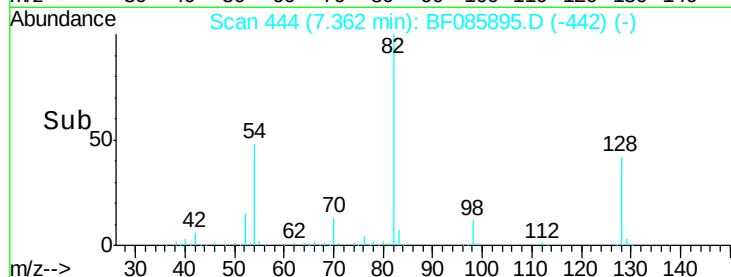
138 0.0 12.9 19.3#



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: 9.84 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF085895.D

Acq: 30 Mar 2016 19:25

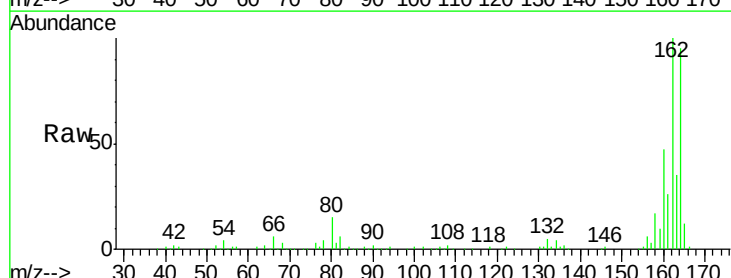
Tgt Ion: 164 Resp: 162507

Ion Ratio Lower Upper

164 100

162 105.0 82.1 123.1

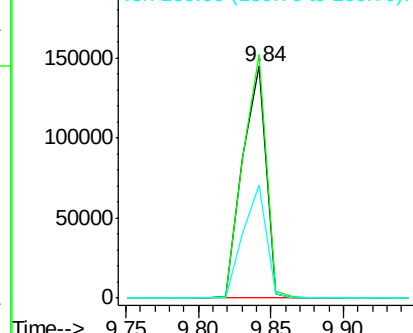
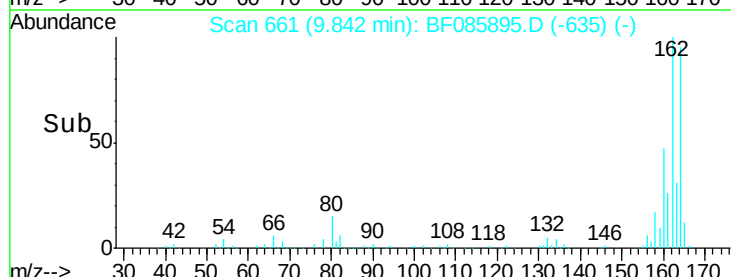
160 49.0 37.4 56.2

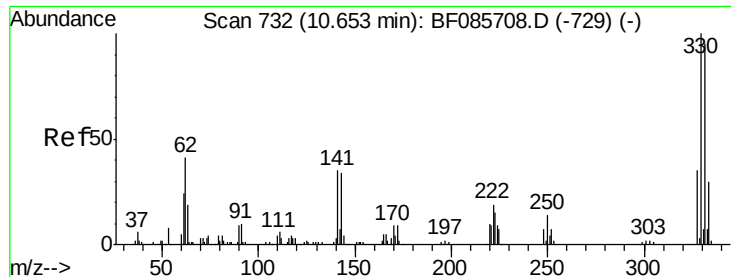


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

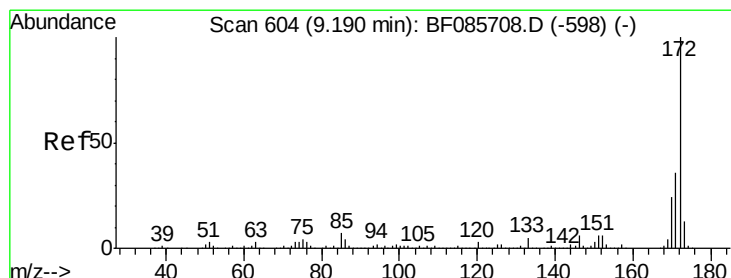
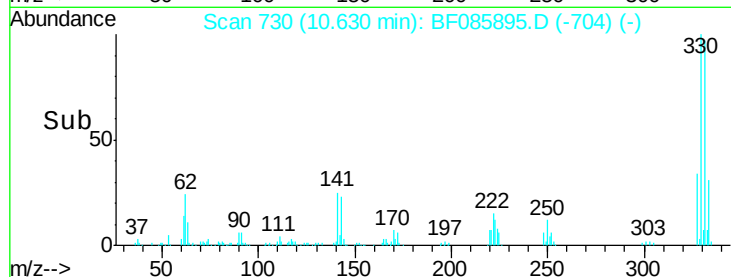
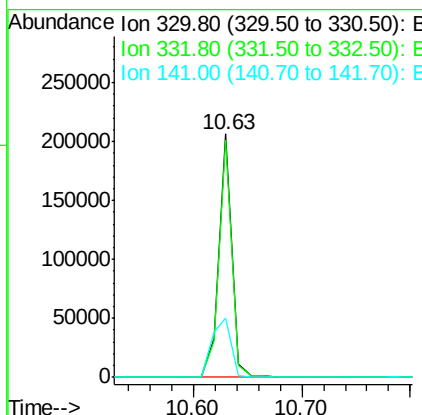
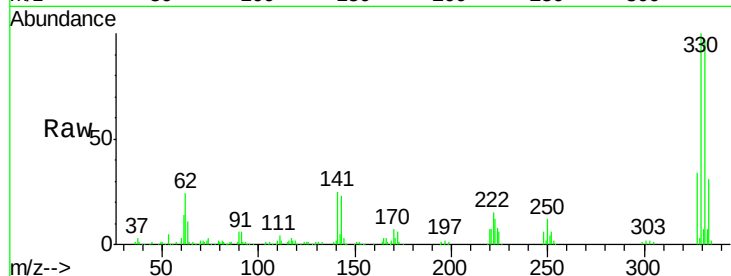




#41
 2,4,6-Tribromophenol
 Concen: 113.21 ng
 RT: 10.63 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BF085895.D
 Acq: 30 Mar 2016 19:25

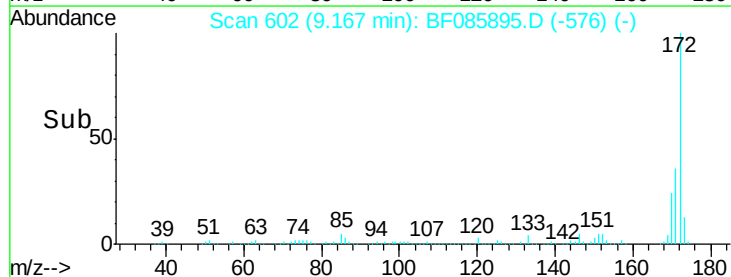
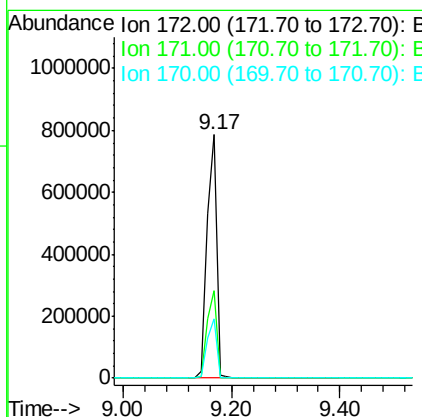
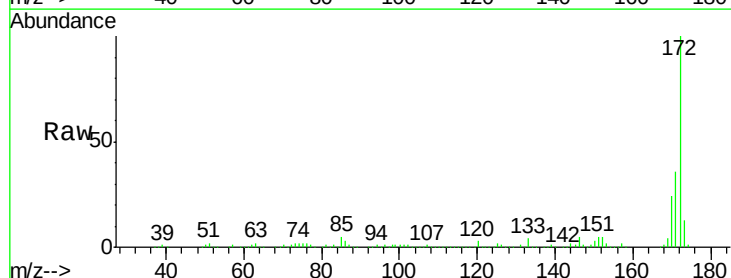
Instrument :
 BNA_F
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 GRID-16COMP

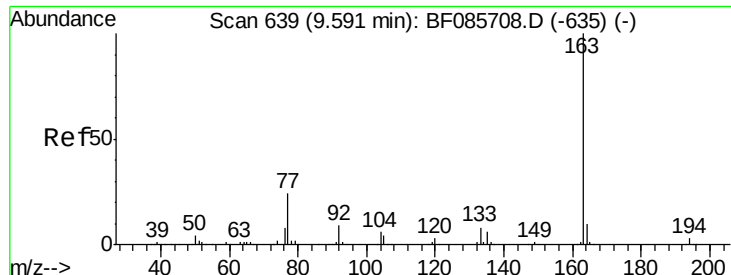
Tgt Ion:330 Resp: 174792
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.2 117.2
 141 36.5 31.5 47.3



#44
 2-Fluorobiphenyl
 Concen: 96.17 ng
 RT: 9.17 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF085895.D
 Acq: 30 Mar 2016 19:25

Tgt Ion:172 Resp: 935363
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.2
 170 24.2 19.8 29.6

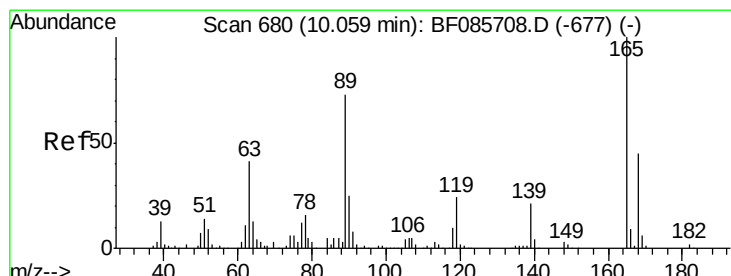
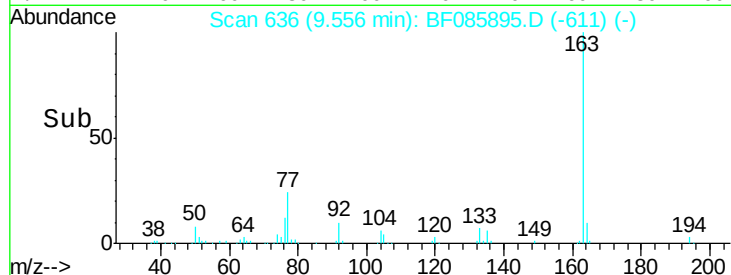
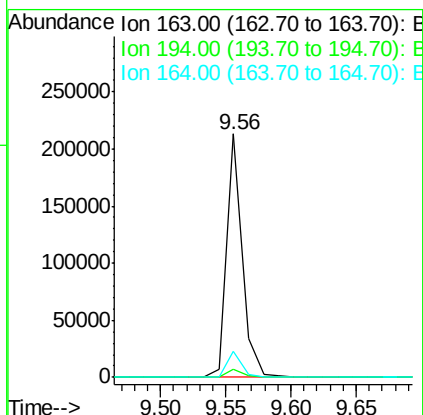
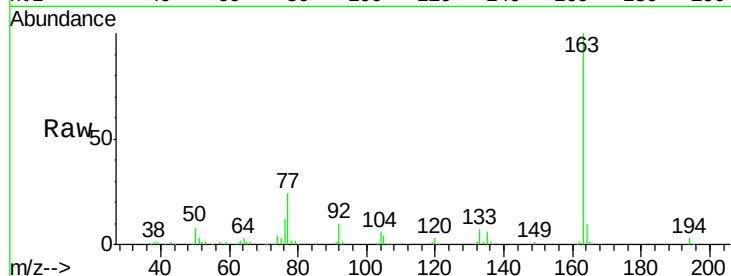




#49
Dimethylphthalate
Concen: 14.42 ng
RT: 9.56 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF085895.D
Acq: 30 Mar 2016 19:25

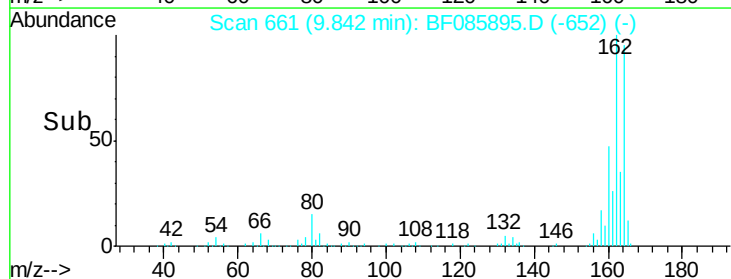
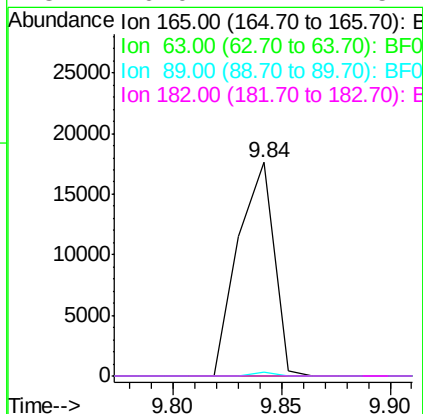
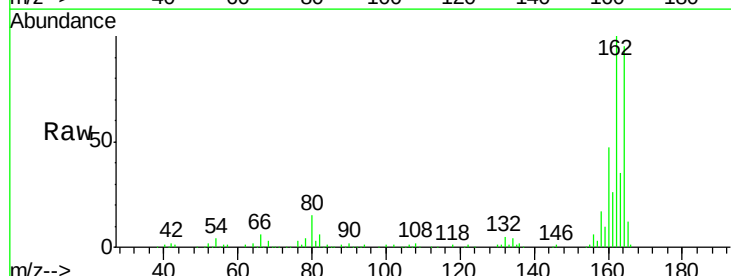
Instrument :
BNA_F
ClientSampleId :
GRID-16COMP

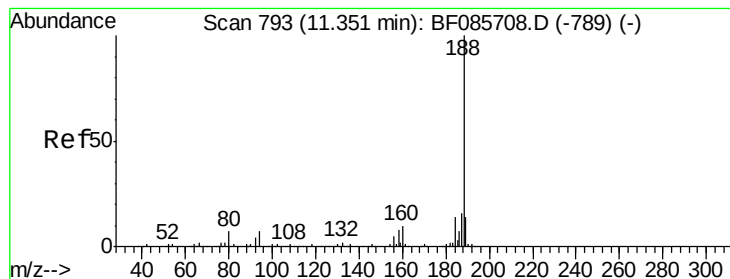
Tgt Ion:163 Resp: 177808
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.4 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.00 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.19 min
Lab File: BF085895.D
Acq: 30 Mar 2016 19:25

Tgt Ion:165 Resp: 20233
Ion Ratio Lower Upper
165 100
63 0.0 24.9 37.3#
89 1.9 41.0 61.6#
182 0.0 2.1 3.1#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF085895.D

Acq: 30 Mar 2016 19:25

Instrument :

BNA_F

ClientSampleId :

GRID-16COMP

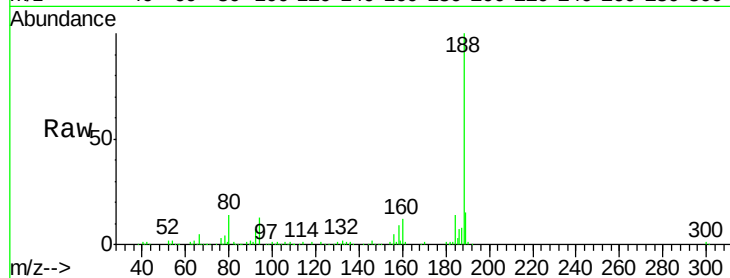
Tgt Ion:188 Resp: 260207

Ion Ratio Lower Upper

188 100

94 13.1 5.4 8.0#

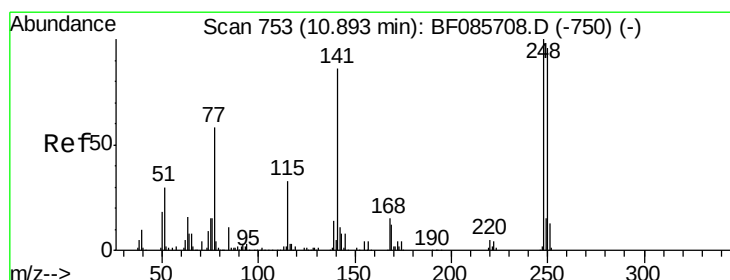
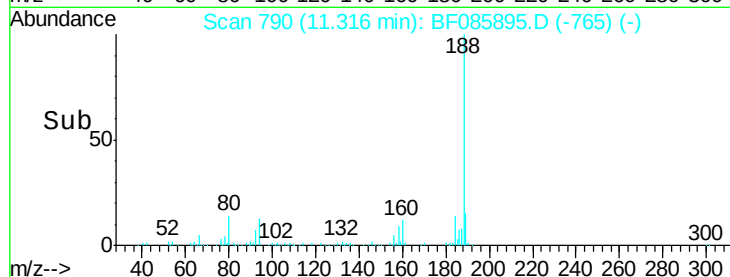
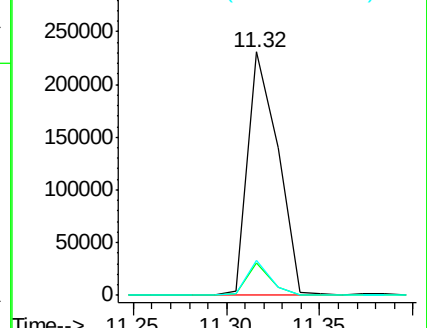
80 14.3 5.5 8.3#



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: 4.27 ng

RT: 10.63 min Scan# 730

Delta R.T. -0.24 min

Lab File: BF085895.D

Acq: 30 Mar 2016 19:25

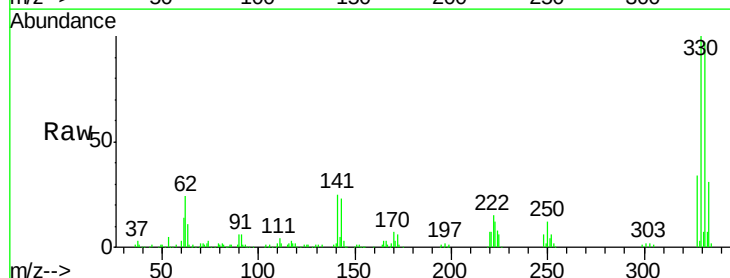
Tgt Ion:248 Resp: 11366

Ion Ratio Lower Upper

248 100

250 202.3 77.4 116.0#

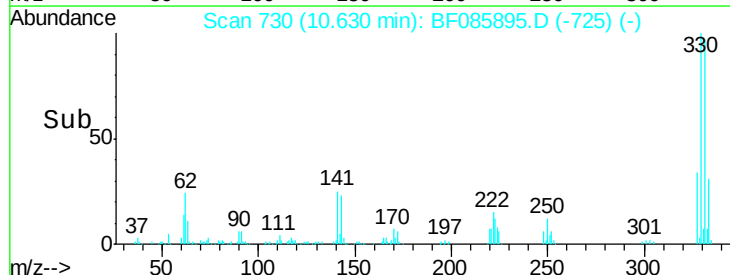
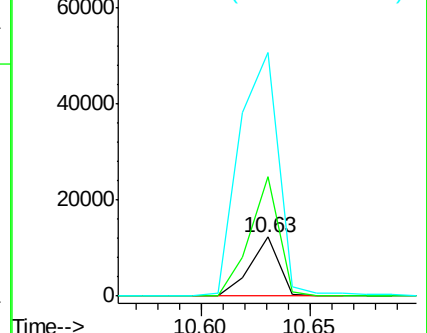
141 410.9 63.6 95.4#

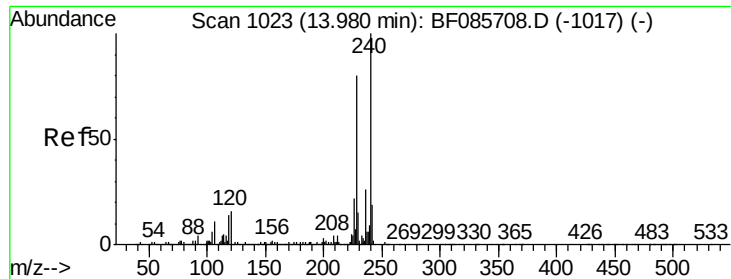


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF085895.D

Acq: 30 Mar 2016 19:25

Instrument :

BNA_F

ClientSampleId :

GRID-16COMP

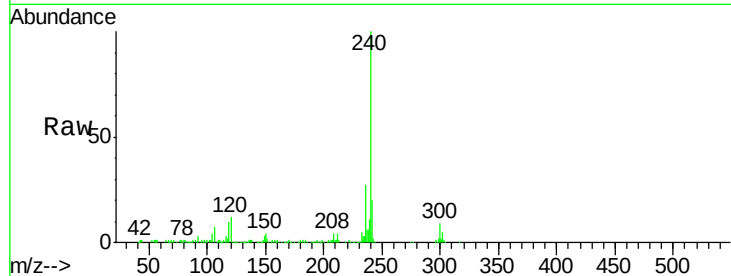
Tgt Ion:240 Resp: 194078

Ion Ratio Lower Upper

240 100

120 11.9 13.8 20.8#

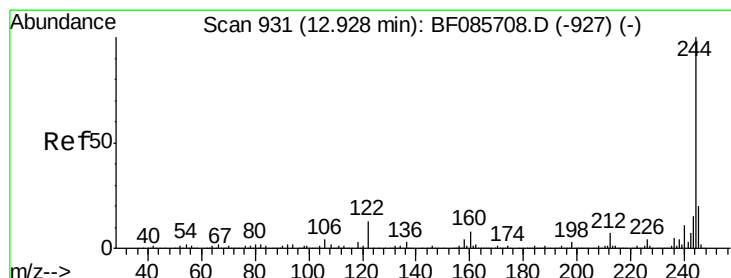
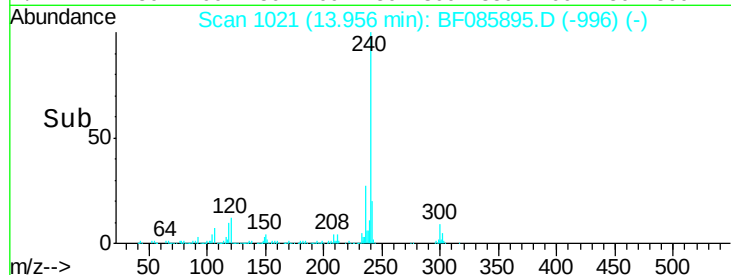
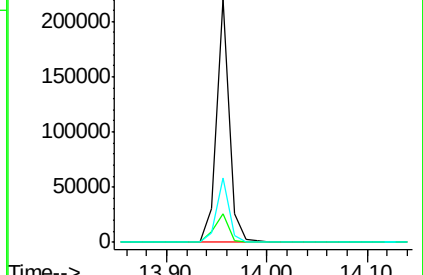
236 26.6 20.6 30.8



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: 64.85 ng

RT: 12.90 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF085895.D

Acq: 30 Mar 2016 19:25

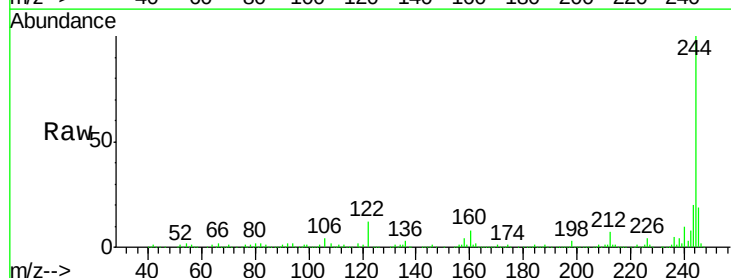
Tgt Ion:244 Resp: 611978

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

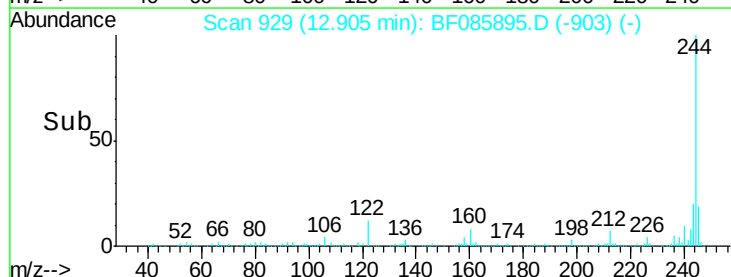
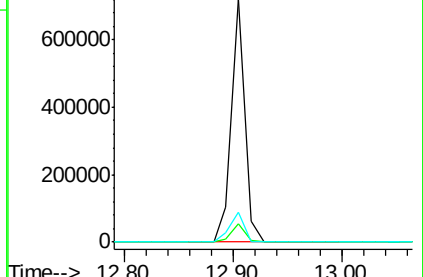
122 12.4 10.2 15.4

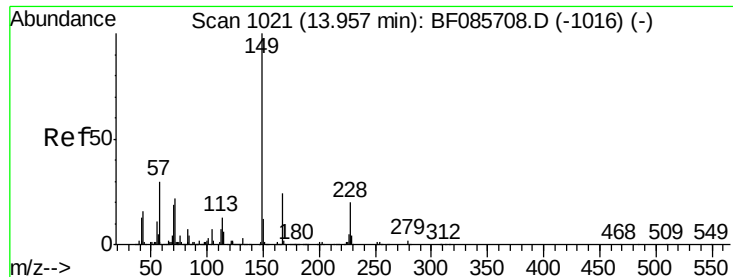


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.27 ng

RT: 13.95 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF085895.D

Acq: 30 Mar 2016 19:25

Instrument :

BNA_F

ClientSampleId :

GRID-16COMP

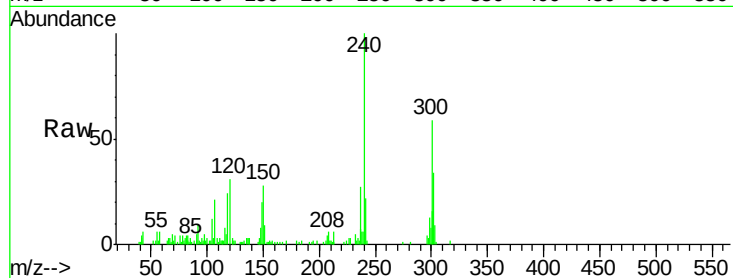
Tgt Ion:149 Resp: 34170

Ion Ratio Lower Upper

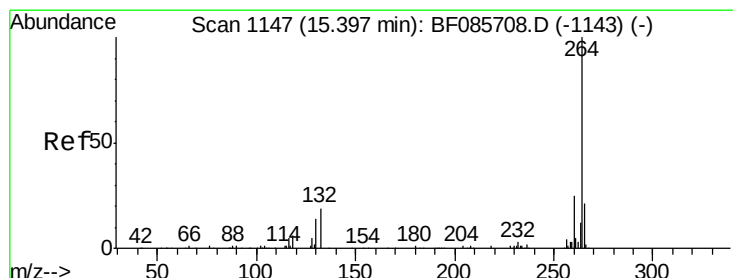
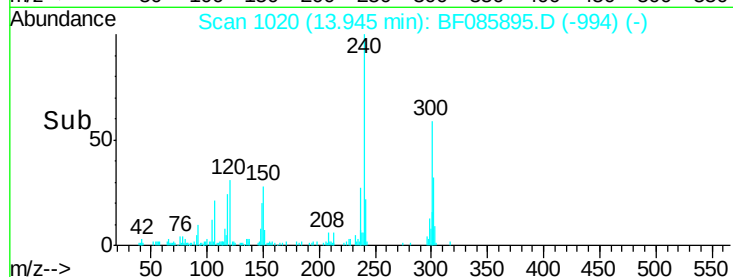
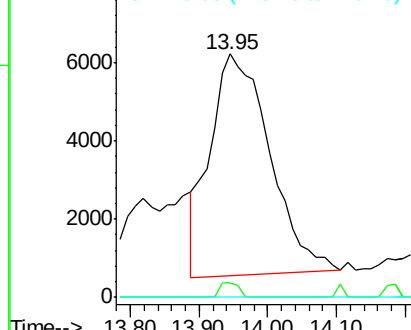
149 100

167 5.7 19.4 29.2#

279 0.0 1.5 2.3#



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: 15.37 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF085895.D

Acq: 30 Mar 2016 19:25

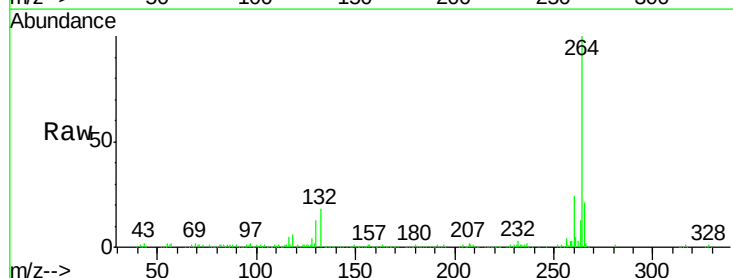
Tgt Ion:264 Resp: 205109

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.2 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

