

Data Path : Z:\HPCHEM1\BNA F\Data\BF031716\
 Data File : BF085525.D
 Acq On : 18 Mar 2016 8:04
 Operator : UM/SJ
 Sample : H1776-10
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 18 10:07:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

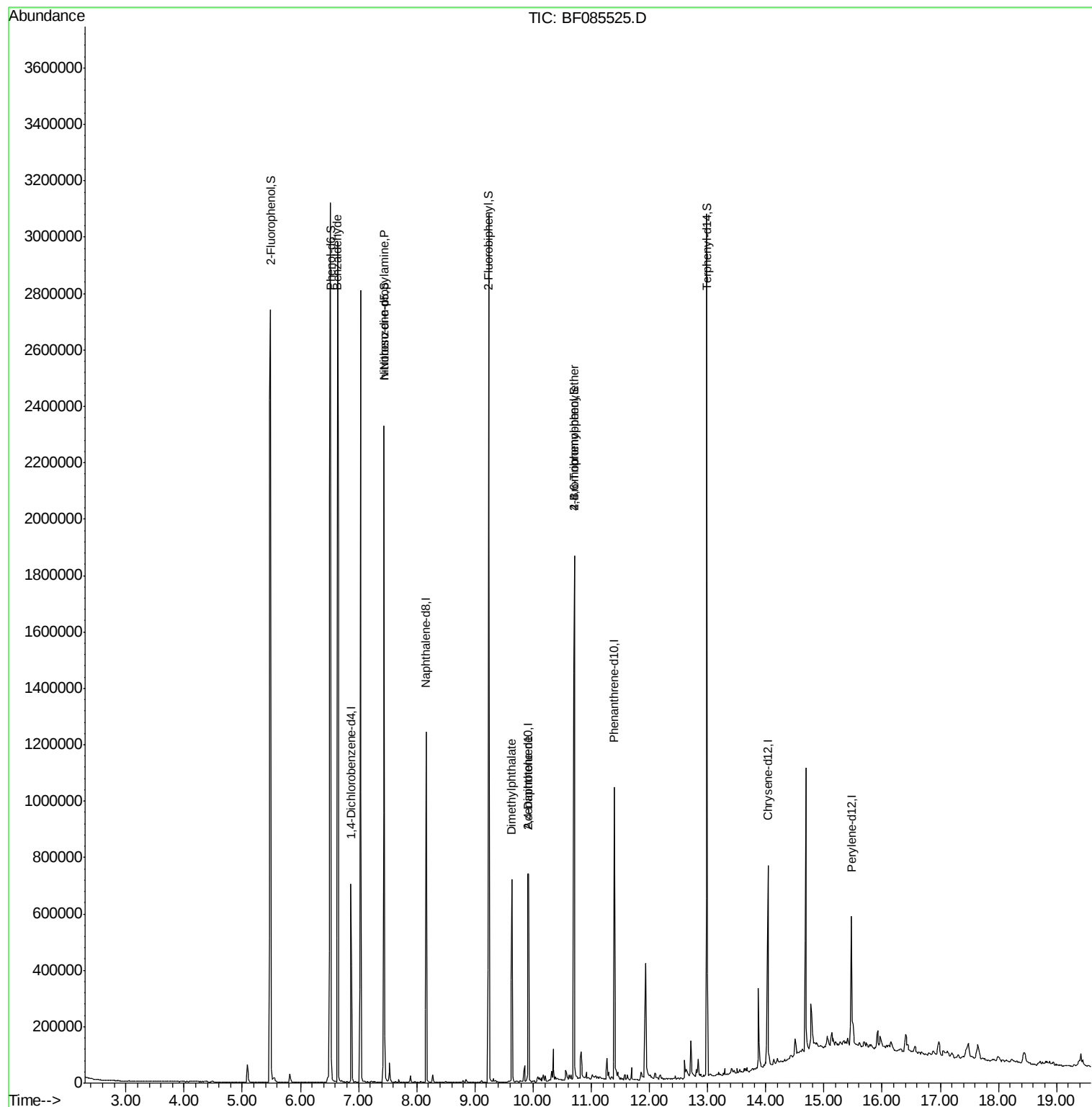
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	131351	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	540702	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	217534	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	370226	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	272626	20.00	ng	-0.05
86) Perylene-d12	15.48	264	256553	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1227733	160.67	ng	-0.02
7) Phenol-d6	6.52	99	1509262	152.27	ng	-0.03
23) Nitrobenzene-d5	7.44	82	866364	94.74	ng	-0.05
41) 2,4,6-Tribromophenol	10.71	330	341113	170.25	ng	-0.05
44) 2-Fluorobiphenyl	9.24	172	1311232	104.57	ng	-0.05
78) Terphenyl-d14	12.99	244	917403	76.12	ng	-0.05
Target Compounds						
9) Benzaldehyde	6.64	77	23867	4.31	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.44	70	116008	19.54	ng	# 76
49) Dimethylphthalate	9.64	163	351560	22.15	ng	99
56) 2,4-Dinitrotoluene	9.91	165	27481	6.25	ng	# 22
66) 4-Bromophenyl-phenylether	10.71	248	21849	5.83	ng	# 1

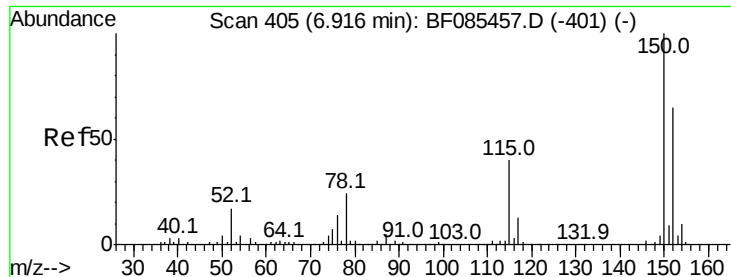
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

Instrument :

BNA_F

ClientSampleId :

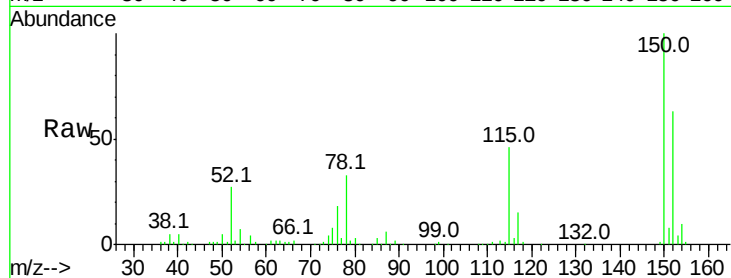
Tot Ion:152 Resp: 131351

Ion Ratio Lower Upper

152 100

150 158.4 124.6 186.8

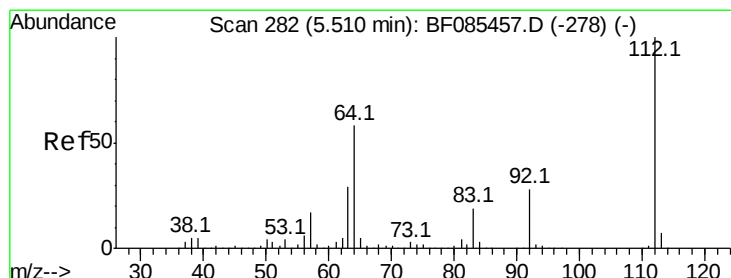
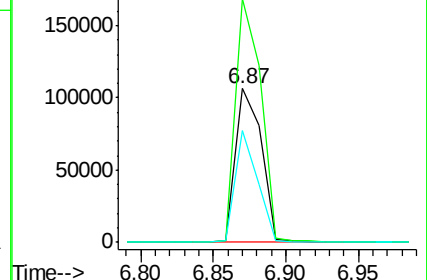
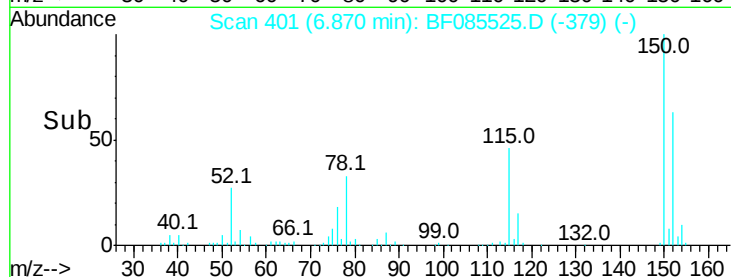
115 72.8 46.6 70.0#



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: 160.67 ng

RT: 5.49 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

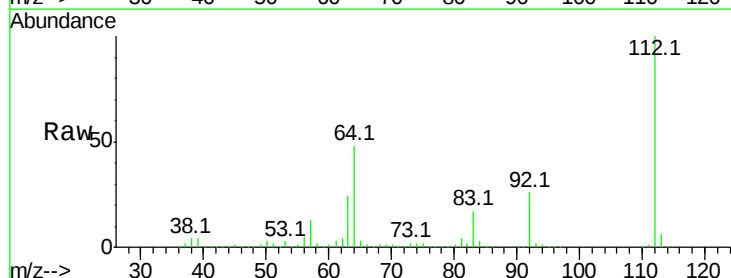
Tgt Ion:112 Resp: 1227733

Ion Ratio Lower Upper

112 100

64 47.9 49.0 73.4#

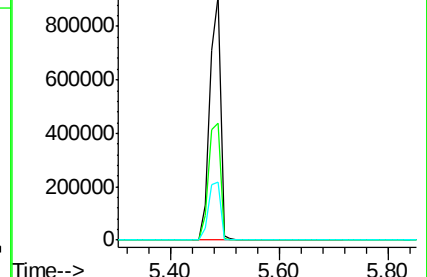
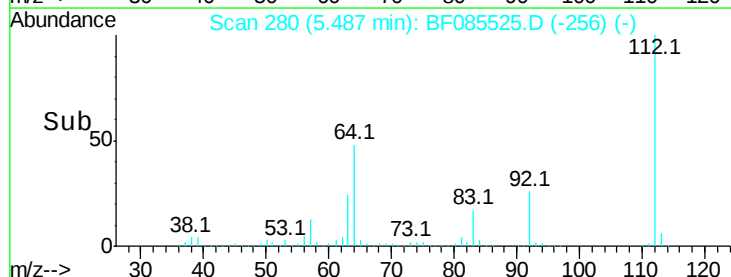
63 23.8 24.8 37.2#

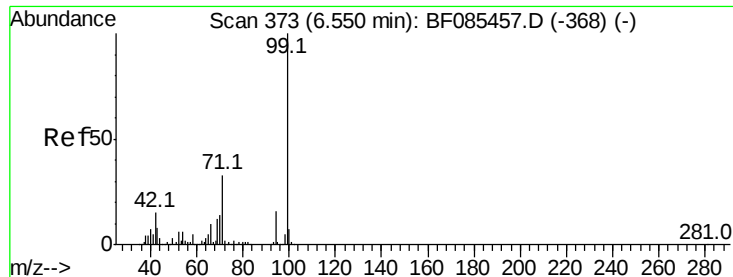


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 152.27 ng

RT: 6.52 min Scan# 370

Delta R.T. -0.03 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

Instrument :

BNA_F

ClientSampleId :

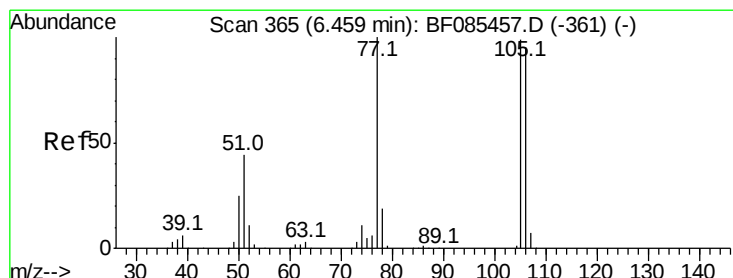
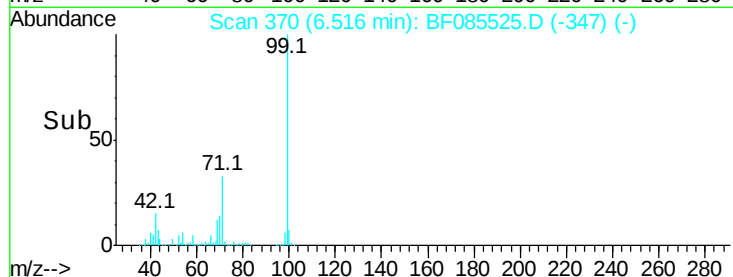
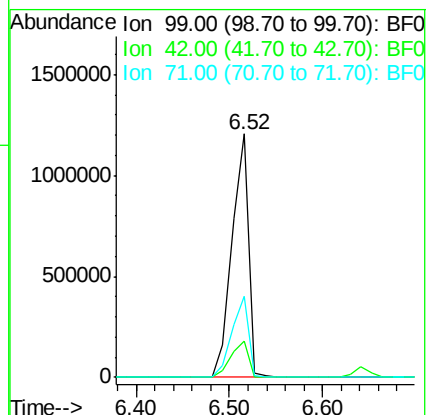
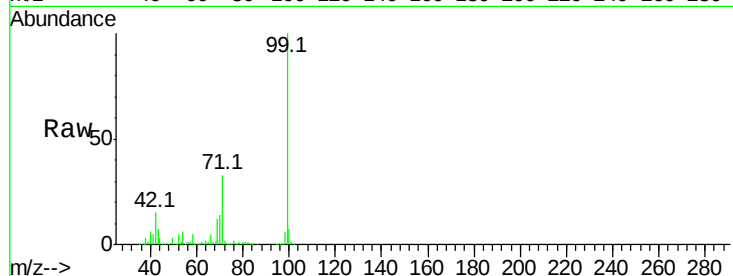
Tot Ion: 99 Resp: 1509262

Ion Ratio Lower Upper

99 100

42 14.7 13.6 20.4

71 33.1 26.7 40.1



#9

Benzaldehyde

Concen: 4.31 ng

RT: 6.64 min Scan# 381

Delta R.T. 0.18 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

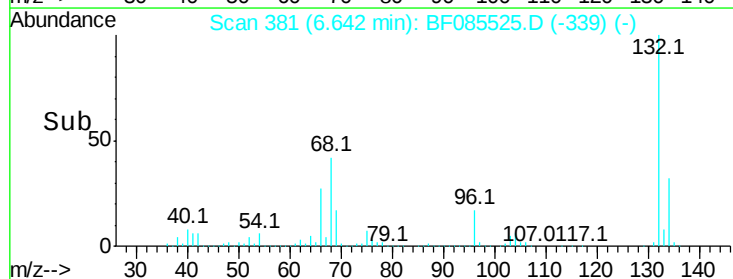
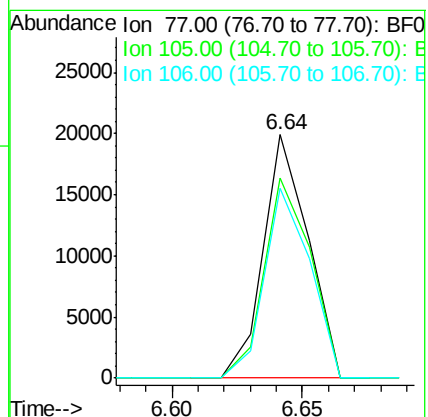
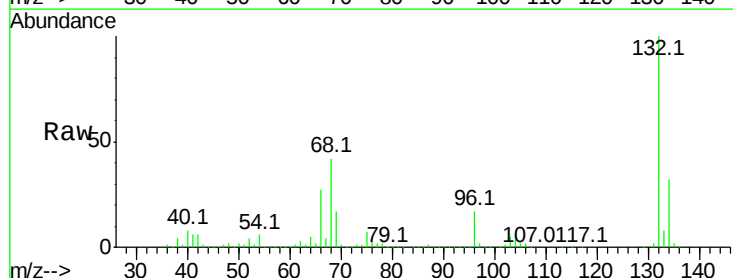
Tgt Ion: 77 Resp: 23867

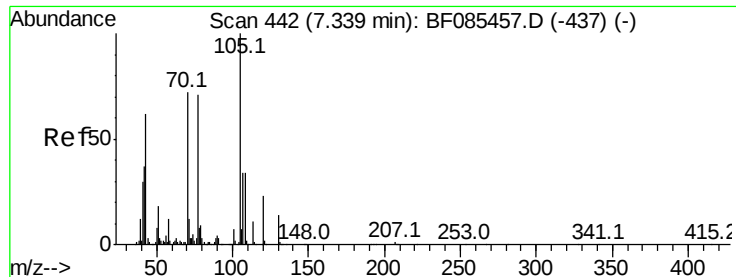
Ion Ratio Lower Upper

77 100

105 82.2 78.2 118.2

106 77.9 72.9 112.9





#19

n-Nitroso-di-n-propylamine

Concen: 19.54 ng

RT: 7.44 min Scan# 451

Delta R.T. 0.10 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

Instrument :

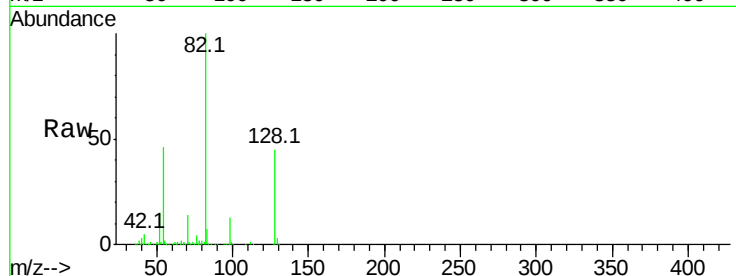
BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 116008

Ion Ratio Lower Upper

70	100		
42	40.0	37.7	56.5
101	0.0	8.2	12.4#
130	2.2	20.5	30.7#

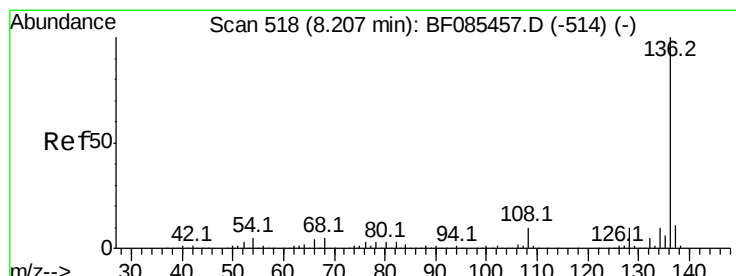
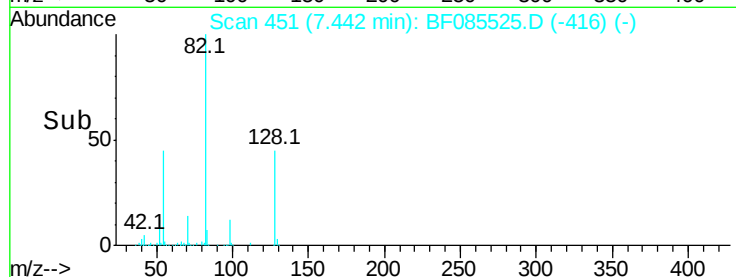
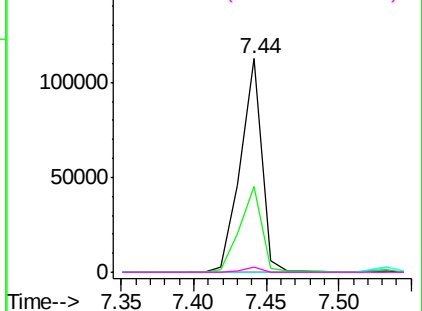


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 514

Delta R.T. -0.05 min

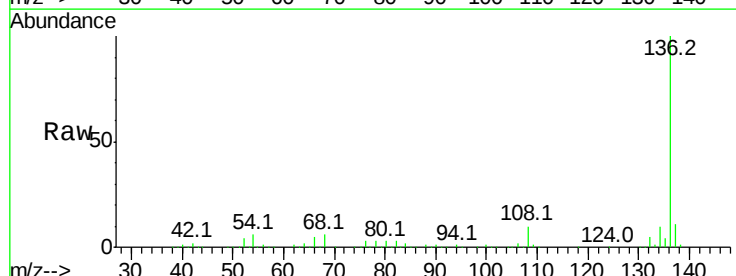
Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

Tgt Ion: 136 Resp: 540702

Ion Ratio Lower Upper

136	100		
137	11.3	9.3	13.9
54	6.4	7.4	11.2#
68	5.7	6.0	9.0#

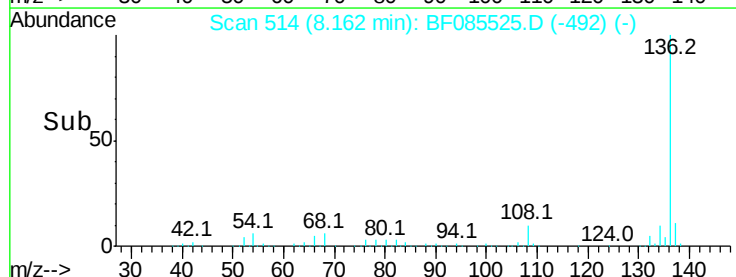
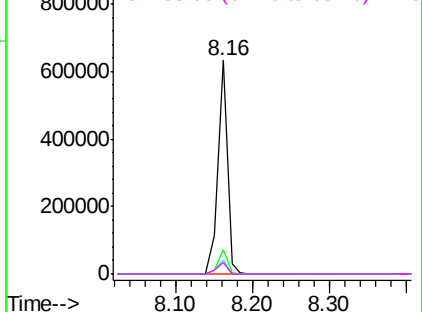


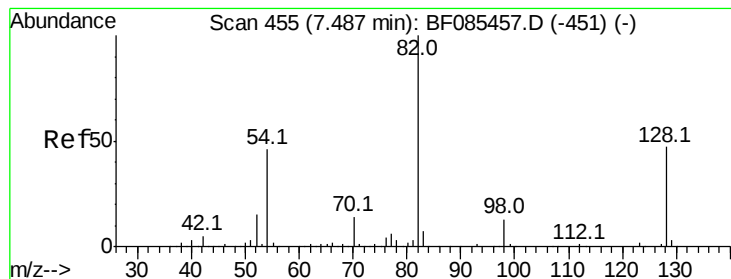
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.74 ng

RT: 7.44 min Scan# 451

Delta R.T. -0.05 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

Instrument :

BNA_F

ClientSampled :

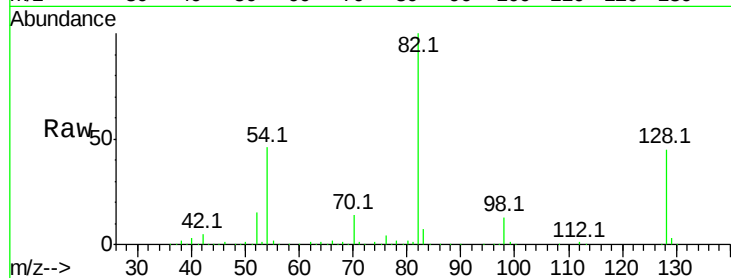
Tot Ion: 82 Resp: 866364

Ion Ratio Lower Upper

82 100

128 45.0 34.5 51.7

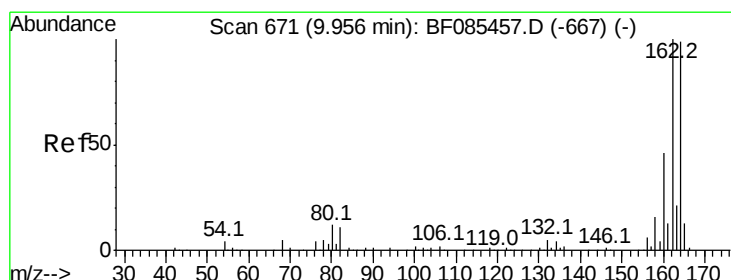
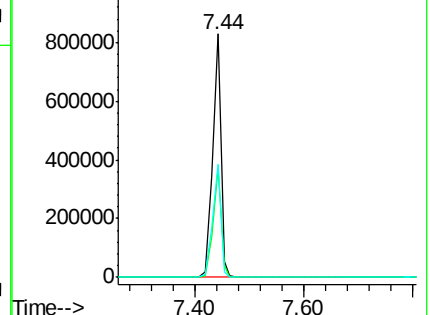
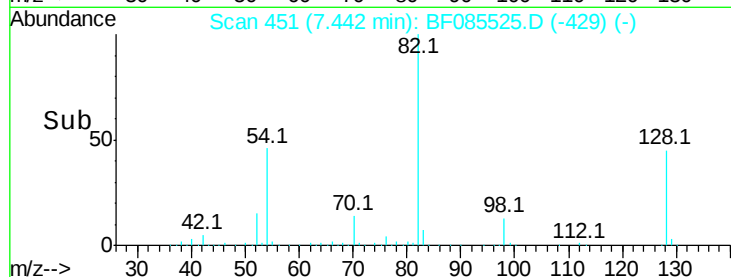
54 46.2 39.3 58.9



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

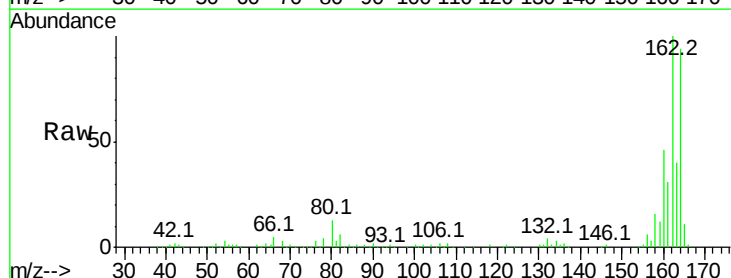
Tgt Ion: 164 Resp: 217534

Ion Ratio Lower Upper

164 100

162 106.4 83.3 124.9

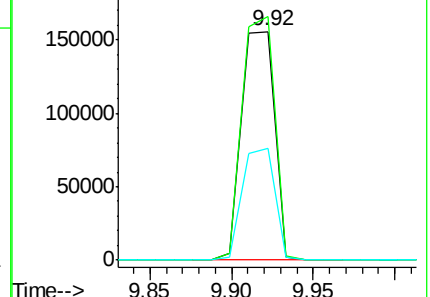
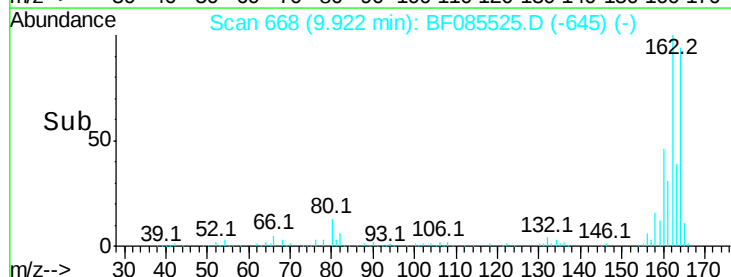
160 49.1 37.9 56.9

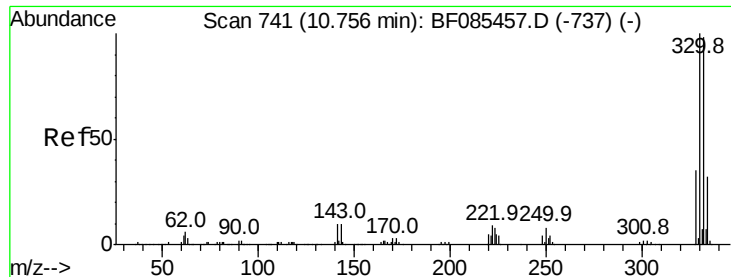


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

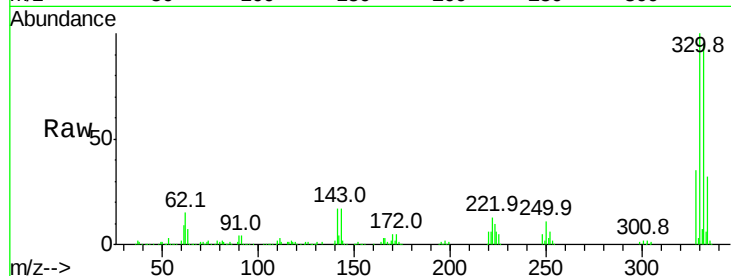




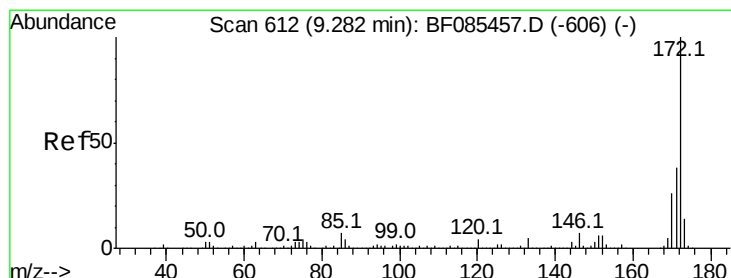
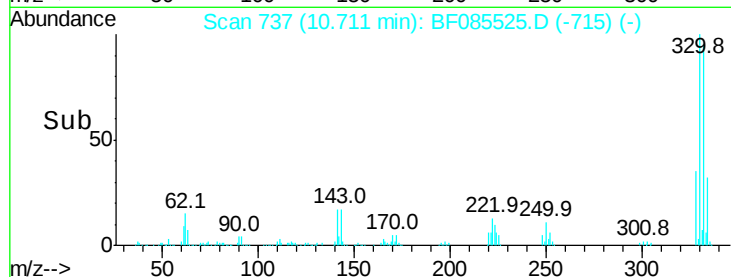
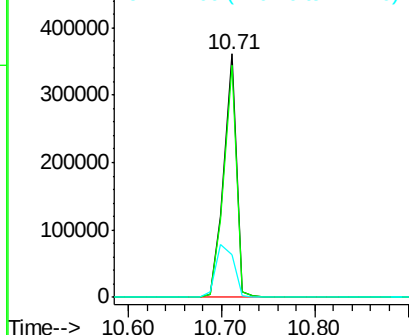
#41
 2,4,6-Tribromophenol
 Concen: 170.25 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF085525.D
 Acq: 18 Mar 2016 8:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 341113
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 31.0 35.0 52.6#

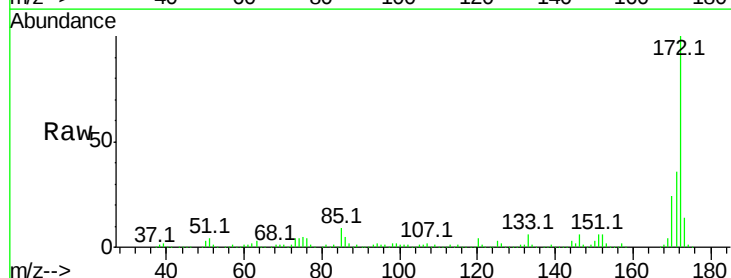


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

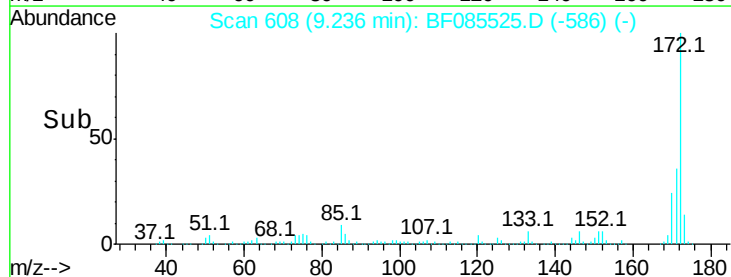
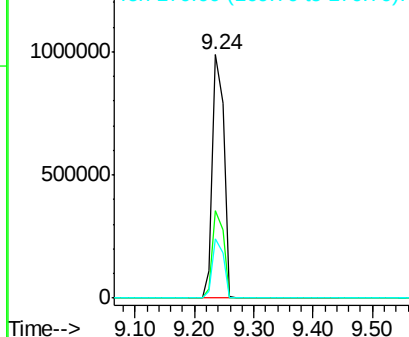


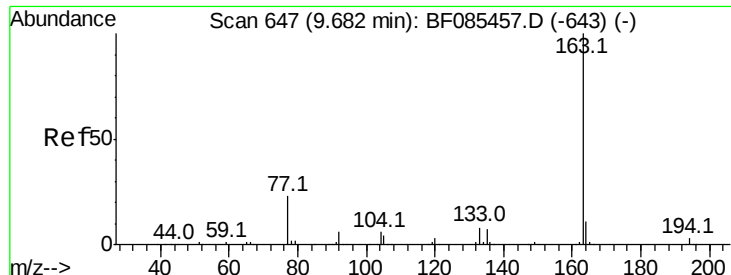
#44
 2-Fluorobiphenyl
 Concen: 104.57 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.05 min
 Lab File: BF085525.D
 Acq: 18 Mar 2016 8:04

Tgt Ion:172 Resp: 1311232
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 24.4 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

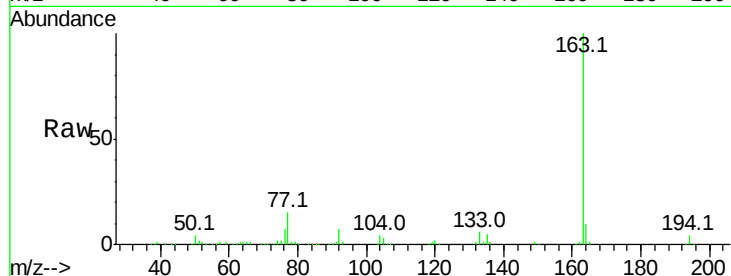




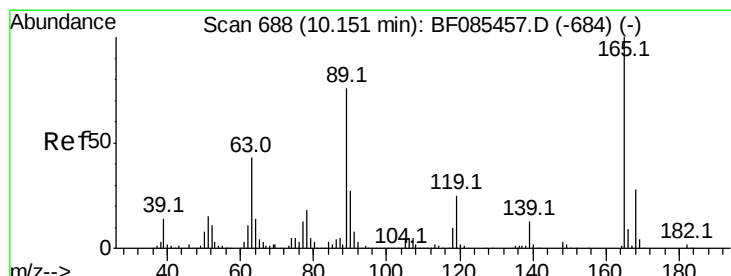
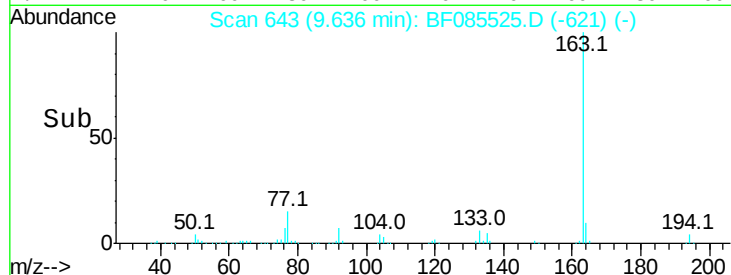
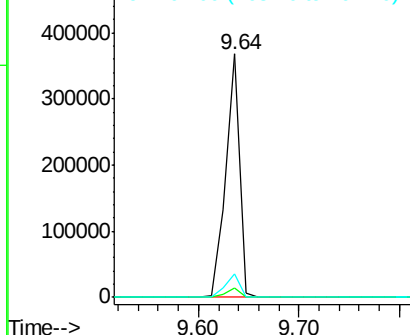
#49
Dimethylphthalate
Concen: 22.15 ng
RT: 9.64 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF085525.D
Acq: 18 Mar 2016 8:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 351560
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.8 8.2 12.4

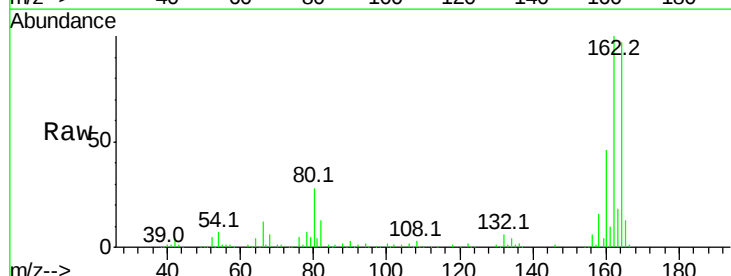


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

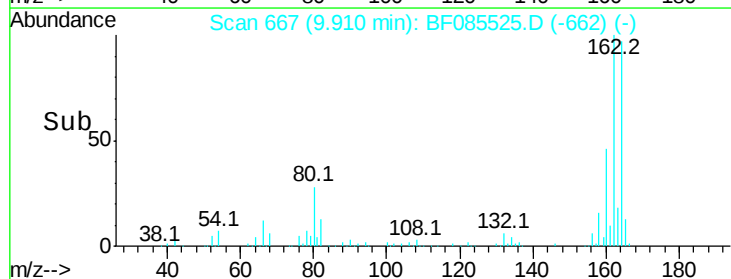
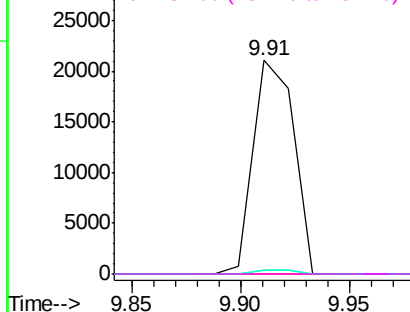


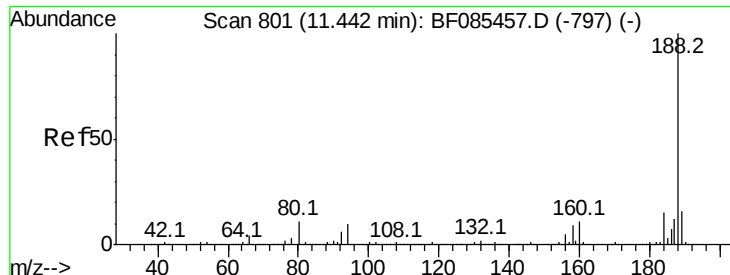
#56
2,4-Dinitrotoluene
Concen: 6.25 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.24 min
Lab File: BF085525.D
Acq: 18 Mar 2016 8:04

Tgt Ion:165 Resp: 27481
Ion Ratio Lower Upper
165 100
63 1.5 35.4 53.0#
89 2.0 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

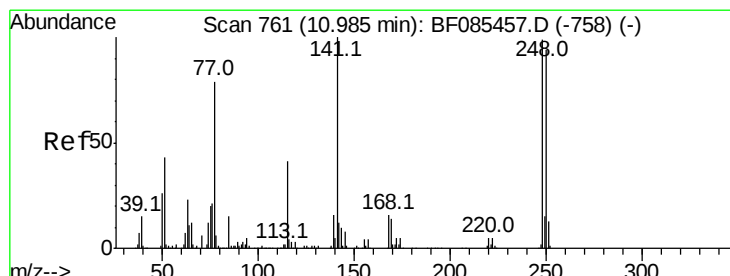
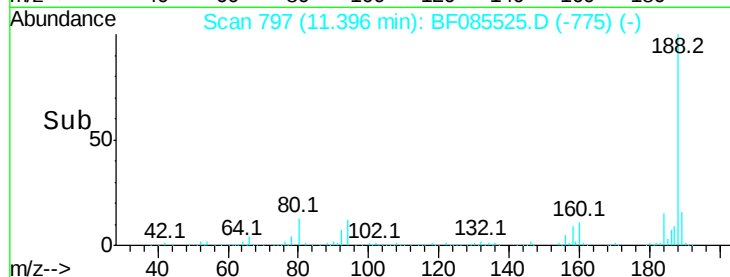
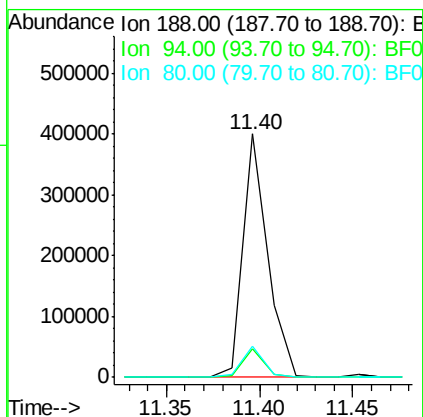
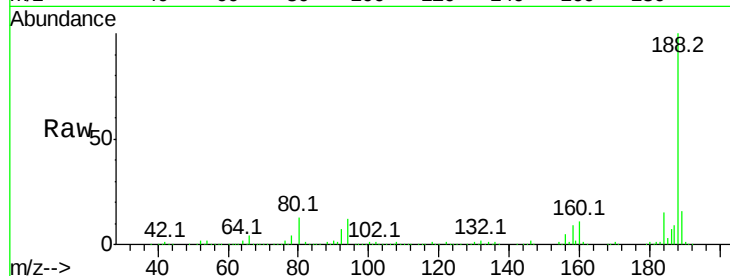




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 797
 Delta R.T. -0.05 min
 Lab File: BF085525.D
 Acq: 18 Mar 2016 8:04

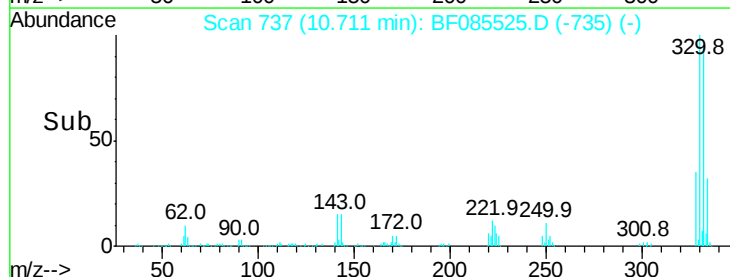
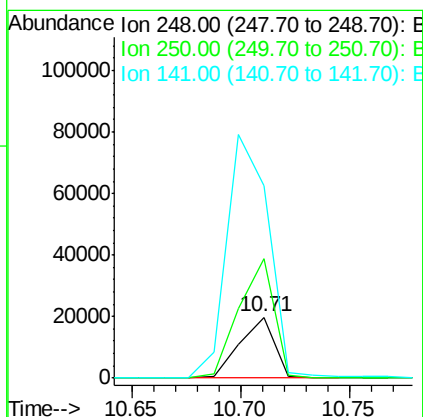
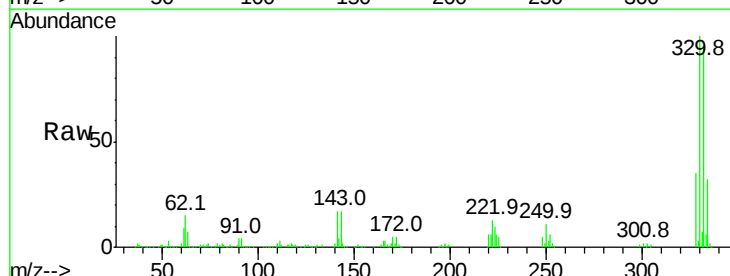
Instrument :
 BNA_F
 ClientSampled :

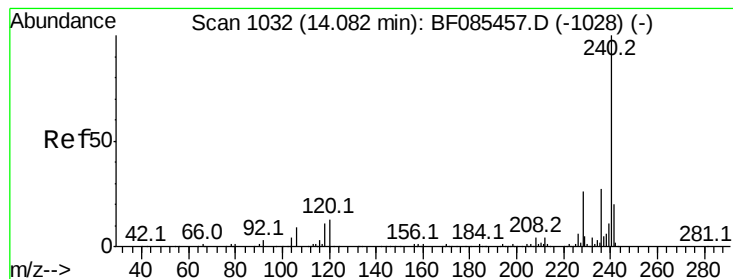
Tot Ion:188 Resp: 370226
 Ion Ratio Lower Upper
 188 100
 94 11.9 7.0 10.6#
 80 12.7 7.4 11.0#



#66
 4-Bromophenyl-phenylether
 Concen: 5.83 ng
 RT: 10.71 min Scan# 737
 Delta R.T. -0.27 min
 Lab File: BF085525.D
 Acq: 18 Mar 2016 8:04

Tgt Ion:248 Resp: 21849
 Ion Ratio Lower Upper
 248 100
 250 197.6 77.1 115.7#
 141 316.6 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1028

Delta R.T. -0.05 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

Instrument :

BNA_F

ClientSampleId :

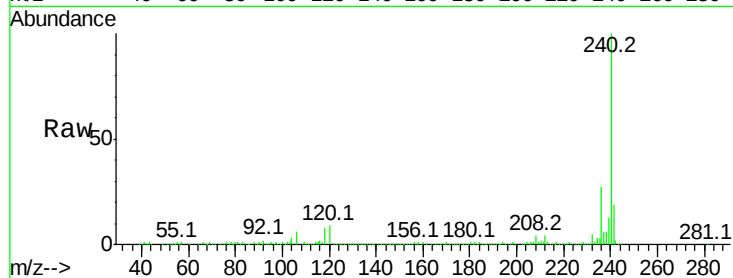
Tot Ion:240 Resp: 272626

Ion Ratio Lower Upper

240 100

120 9.4 5.3 7.9#

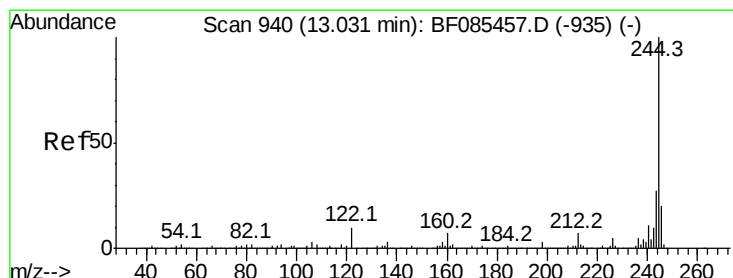
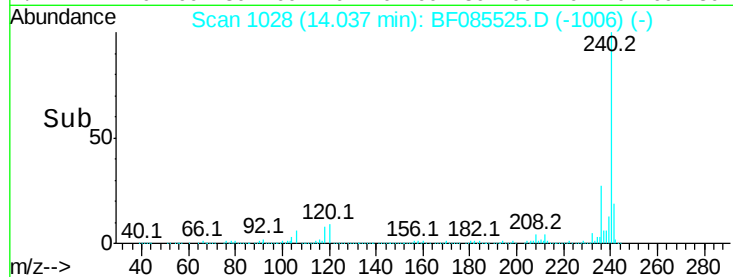
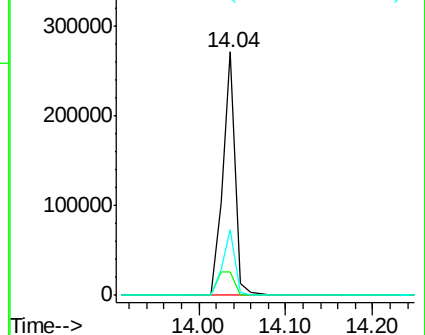
236 27.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 76.12 ng

RT: 12.99 min Scan# 936

Delta R.T. -0.05 min

Lab File: BF085525.D

Acq: 18 Mar 2016 8:04

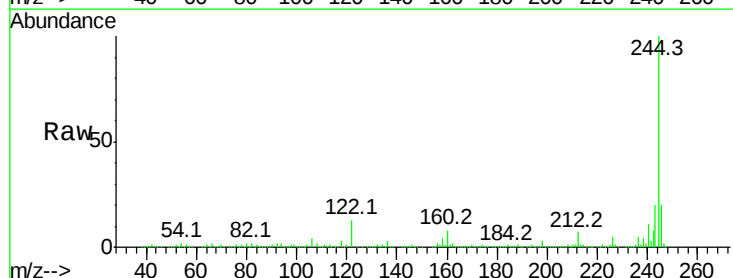
Tgt Ion:244 Resp: 917403

Ion Ratio Lower Upper

244 100

212 7.4 6.4 9.6

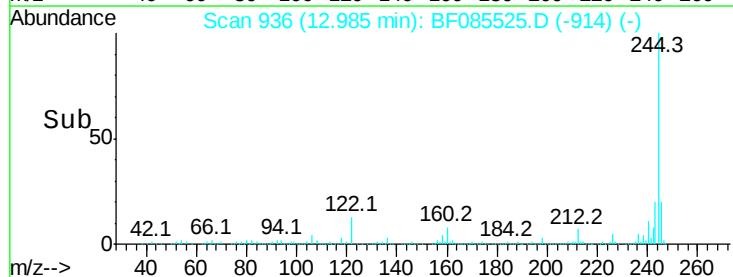
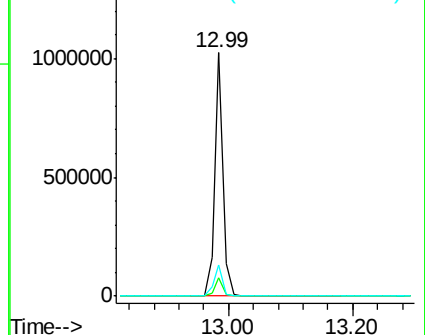
122 12.9 11.4 17.2

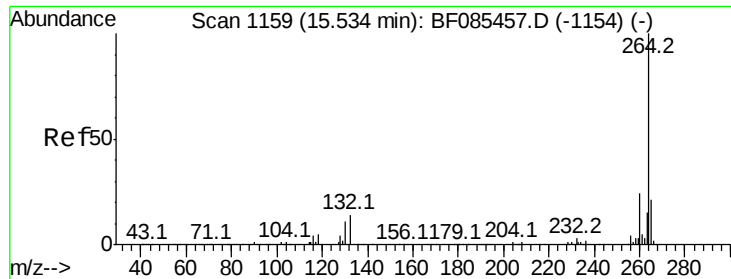


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

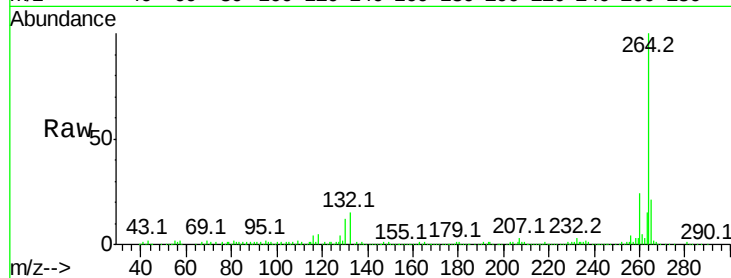




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF085525.D
Acq: 18 Mar 2016 8:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	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

