

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081817.D
 Acq On : 25 Sep 2015 22:27
 Operator : UM/IZ
 Sample : G3776-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-7

Quant Time: Sep 26 01:44:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

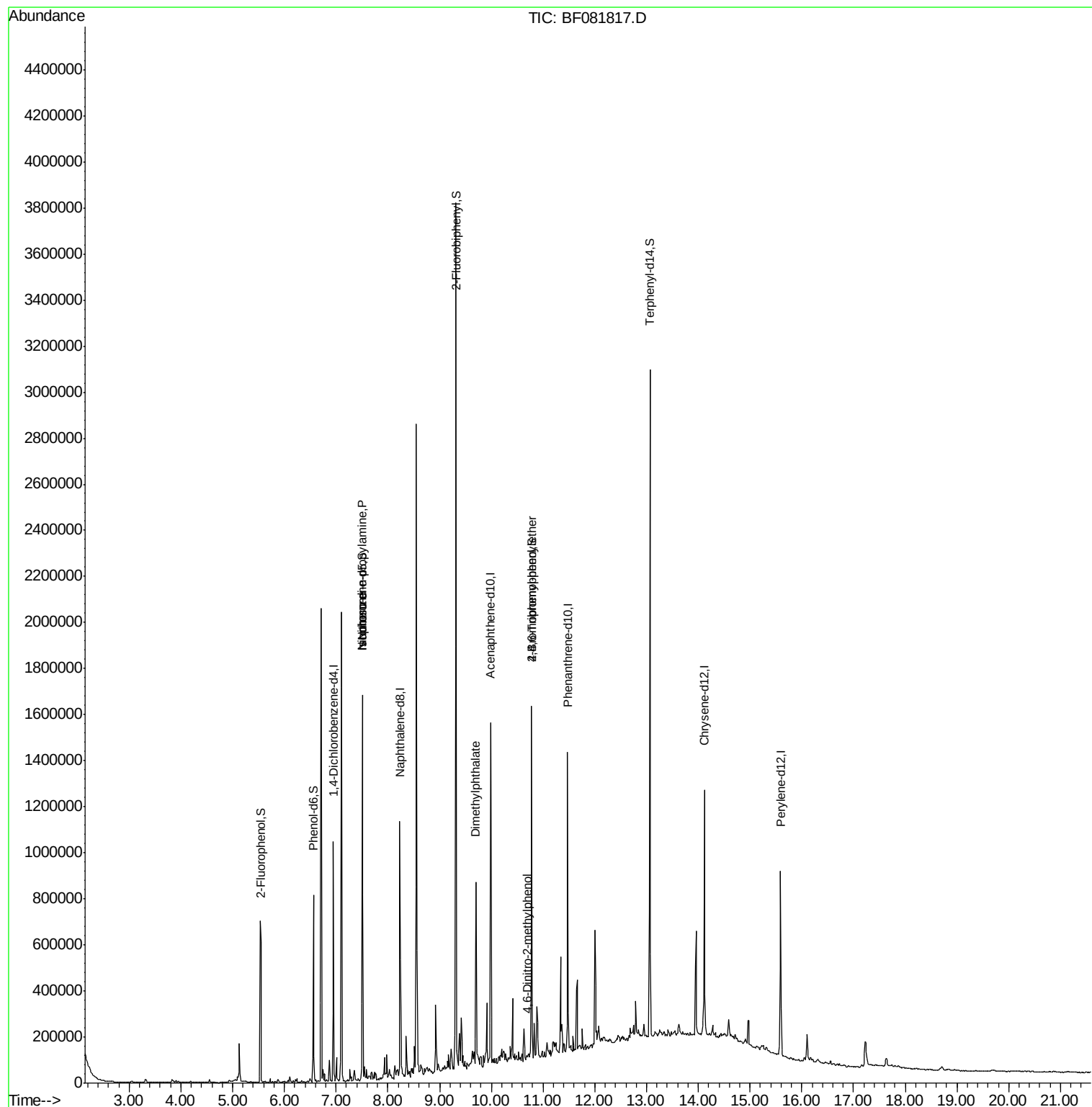
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	161644	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	571056	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	271150	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	439092	20.00	ng	0.00
75) Chrysene-d12	14.12	240	363050	20.00	ng	0.00
86) Perylene-d12	15.59	264	378832	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	267403	27.99	ng	0.00
7) Phenol-d6	6.56	99	220895	18.28	ng	-0.01
23) Nitrobenzene-d5	7.51	82	654539	75.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	177369	75.35	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1328523	80.43	ng	0.00
78) Terphenyl-d14	13.06	244	879904	55.36	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	86693	10.76	ng	# 62
25) Isophorone	7.51	82	575135	30.00	ng	# 58
49) Dimethylphthalate	9.70	163	277178	13.43	ng	# 98
64) 4,6-Dinitro-2-methylphenol	10.70	198	864	8.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	12067	2.47	ng	# 1

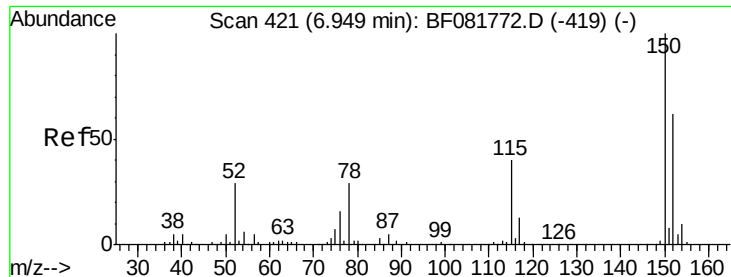
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 25 06:02:49 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

Instrument :

BNA_F

ClientSampleId :

TEC-7

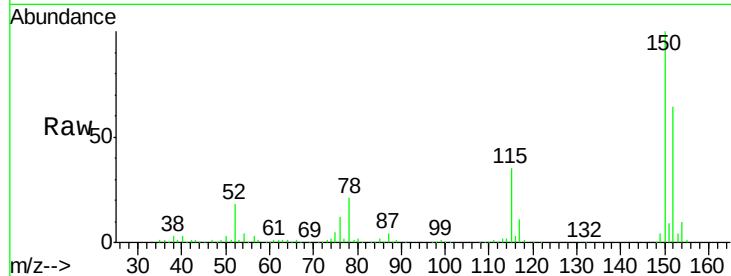
Tgt Ion:152 Resp: 161644

Ion Ratio Lower Upper

152 100

150 156.0 124.7 187.1

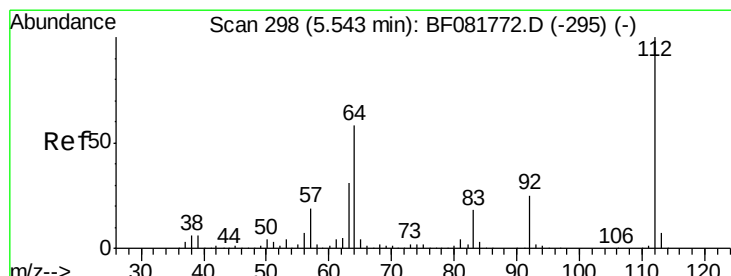
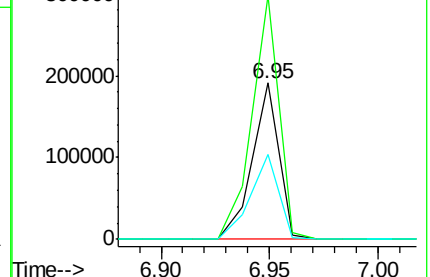
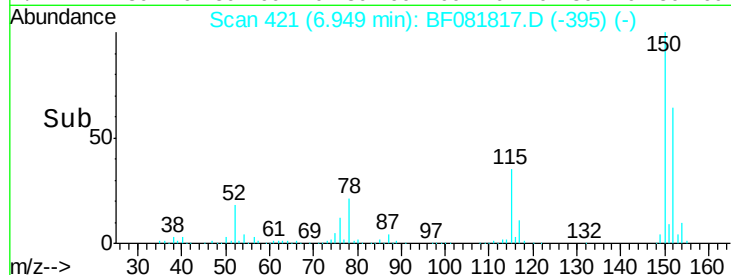
115 54.2 39.0 58.4



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: 27.99 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

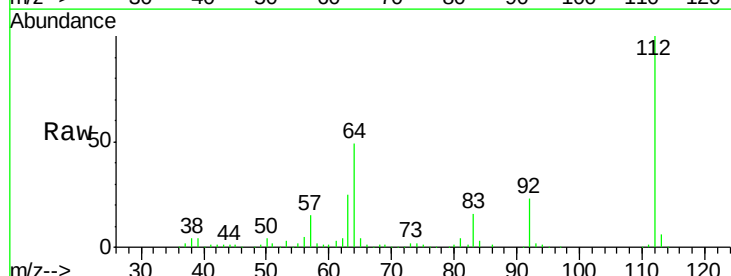
Tgt Ion:112 Resp: 267403

Ion Ratio Lower Upper

112 100

64 49.1 39.7 59.5

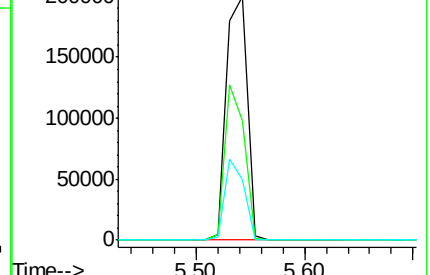
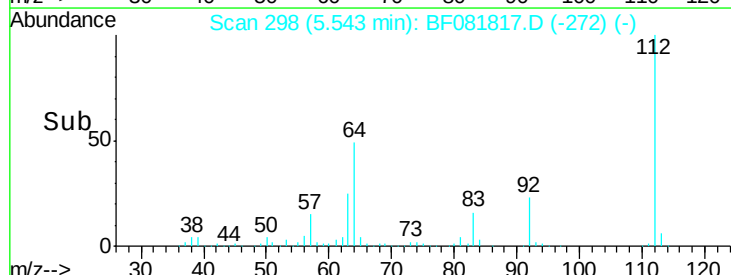
63 24.9 17.4 26.0

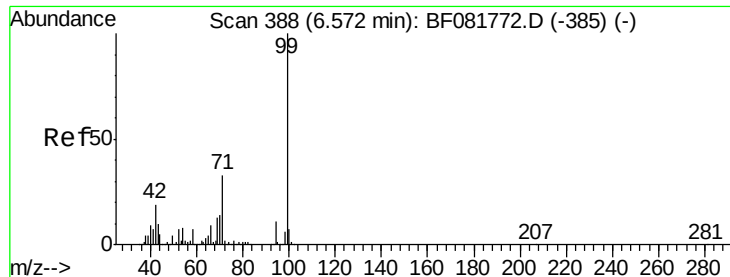


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.28 ng

RT: 6.56 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

Instrument :

BNA_F

ClientSampleId :

TEC-7

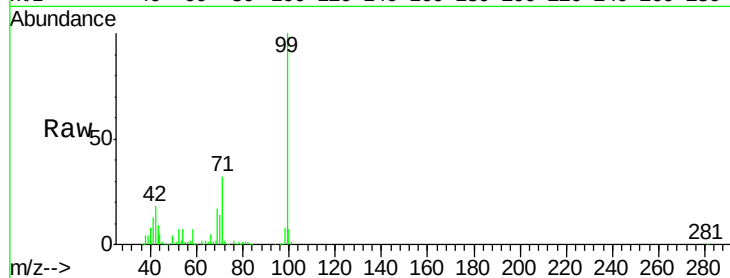
Tgt Ion: 99 Resp: 220895

Ion Ratio Lower Upper

99 100

42 18.1 13.7 20.5

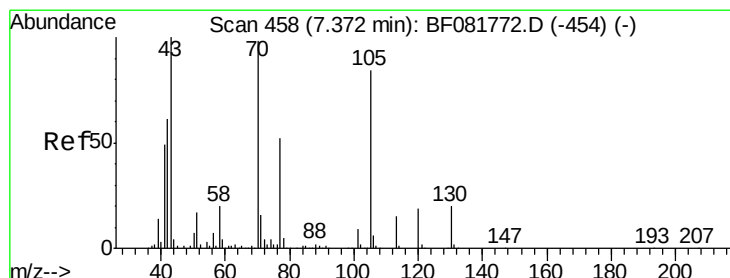
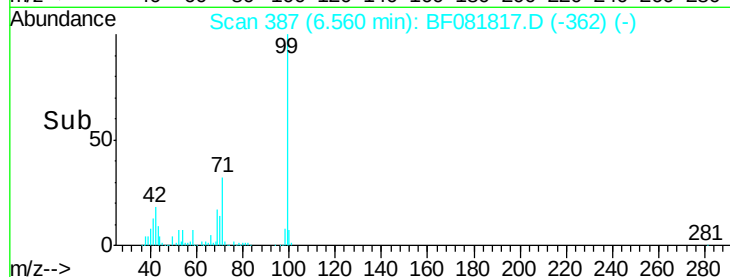
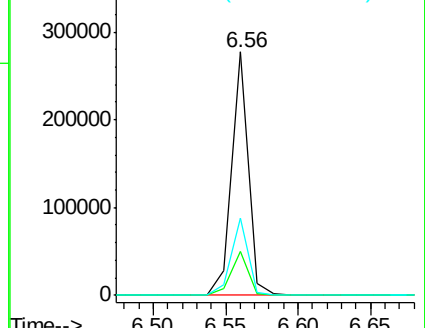
71 31.7 14.2 21.2#



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: 10.76 ng

RT: 7.51 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

Tgt Ion: 70 Resp: 86693

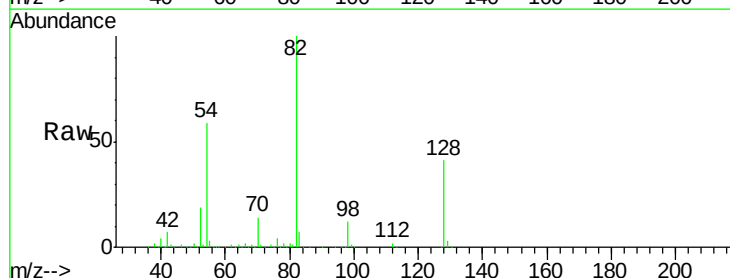
Ion Ratio Lower Upper

70 100

42 52.3 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

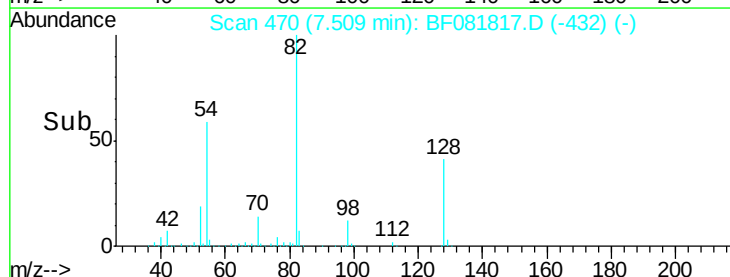
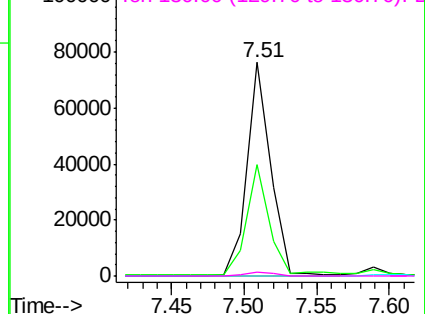


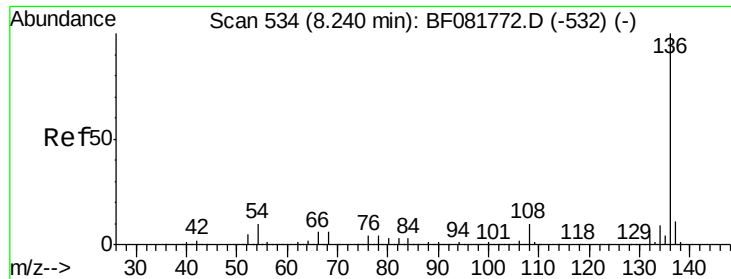
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

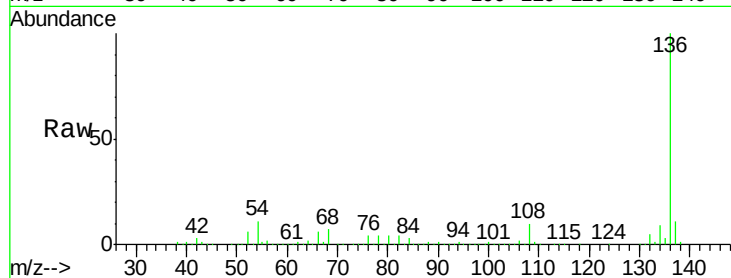




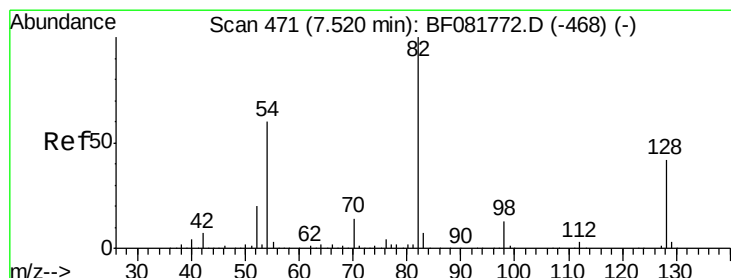
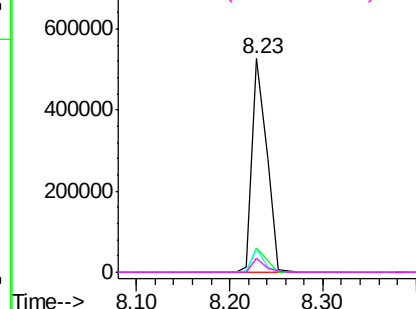
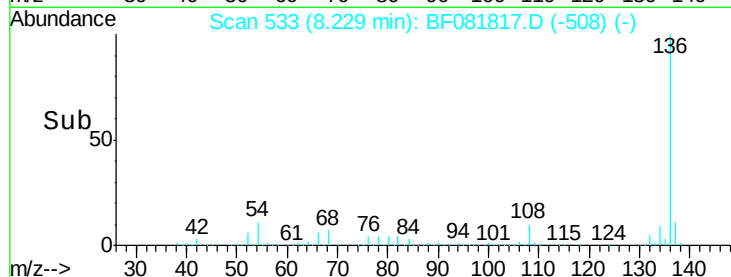
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081817.D
Acq: 25 Sep 2015 22:27

Instrument :
BNA_F
ClientSampleId :
TEC-7

Tgt Ion:	136	Resp:	571056
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	10.7	8.2	12.2
68	6.9	5.8	8.6

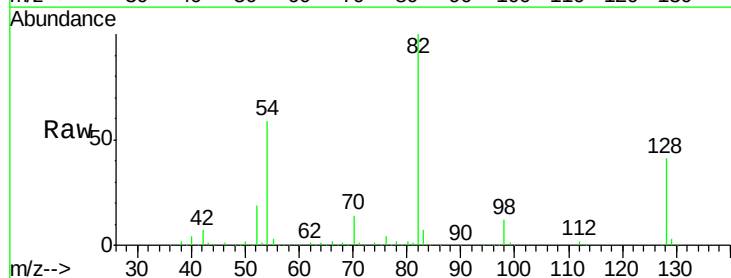


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

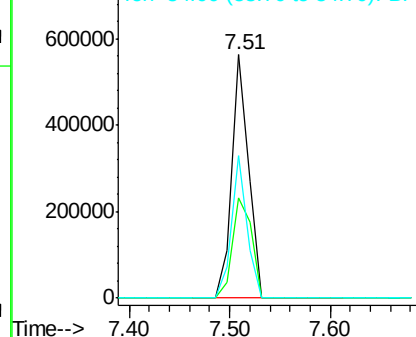
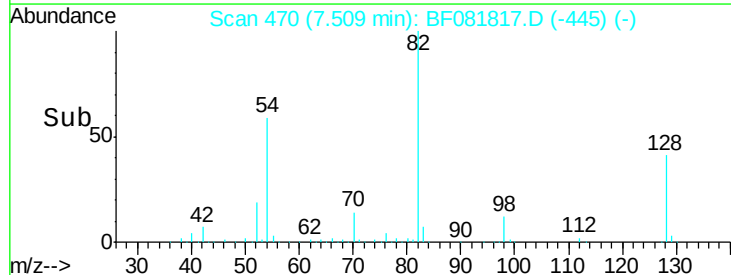


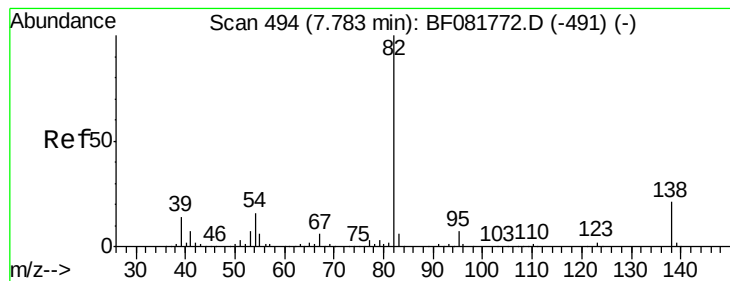
#23
Nitrobenzene-d5
Concen: 75.63 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081817.D
Acq: 25 Sep 2015 22:27

Tgt Ion:	82	Resp:	654539
Ion	Ratio	Lower	Upper
82	100		
128	41.2	51.0	76.6#
54	58.7	47.5	71.3



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: 30.00 ng

RT: 7.51 min Scan# 470

Delta R.T. -0.27 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

Instrument :

BNA_F

ClientSampleId :

TEC-7

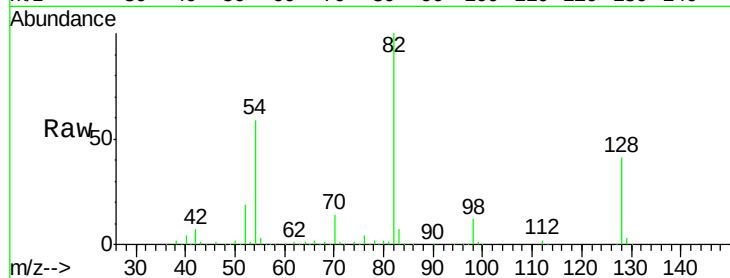
Tgt Ion: 82 Resp: 575135

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

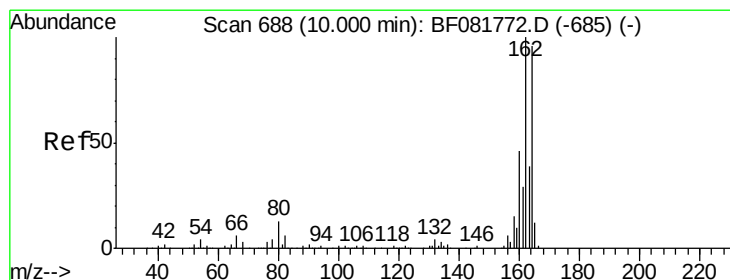
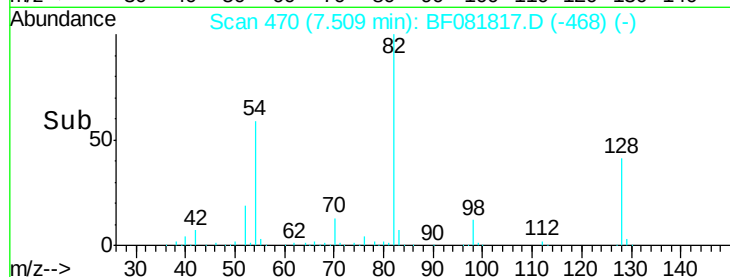
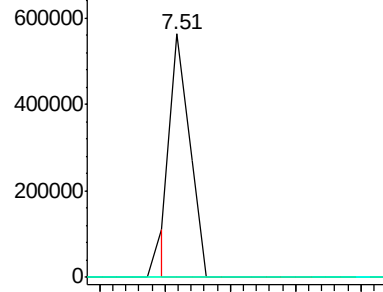
138 0.0 18.3 27.5#



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: 9.99 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

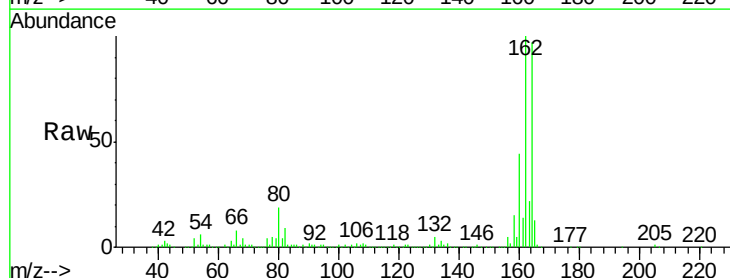
Tgt Ion: 164 Resp: 271150

Ion Ratio Lower Upper

164 100

162 102.7 75.2 112.8

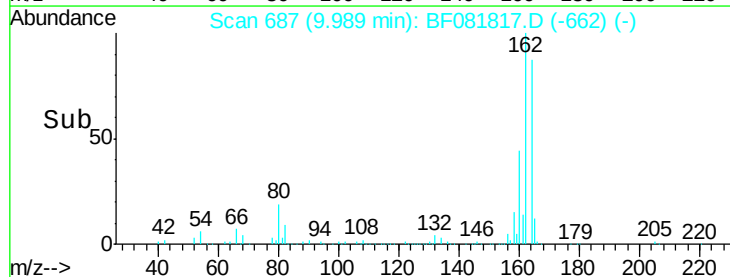
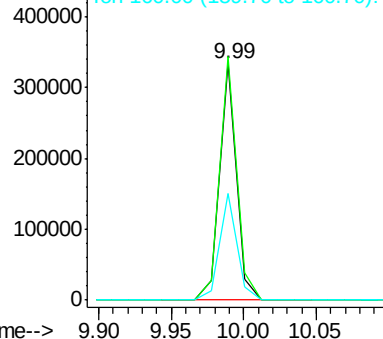
160 44.8 31.5 47.3

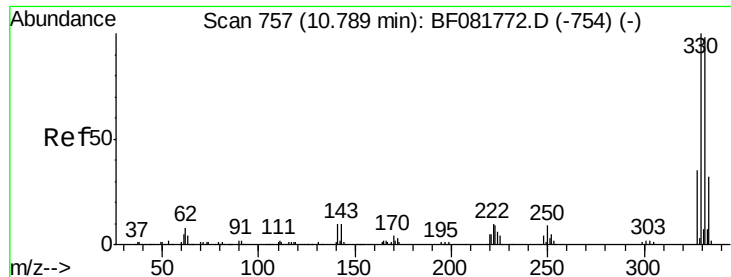


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

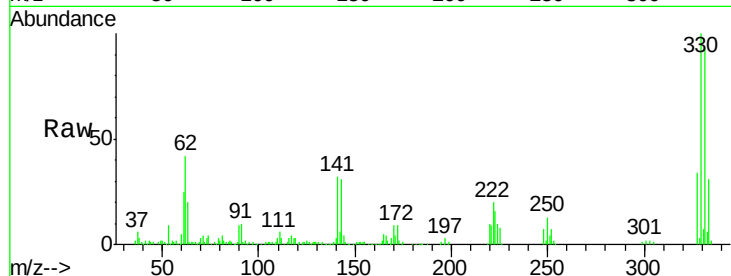




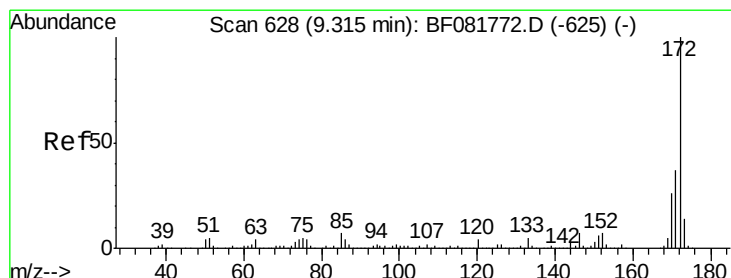
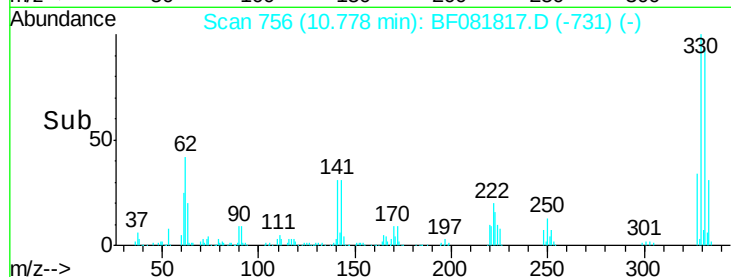
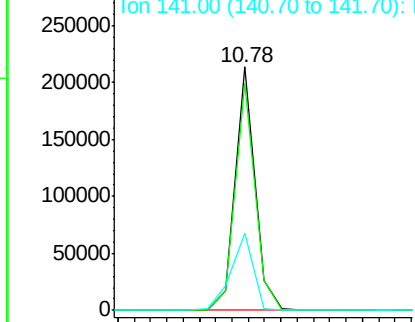
#41
 2,4,6-Tribromophenol
 Concen: 75.35 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081817.D
 Acq: 25 Sep 2015 22:27

Instrument :
 BNA_F
 ClientSampled :
 TEC-7

Tgt Ion: 330 Resp: 177369
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 114.8
 141 35.7 29.7 44.5

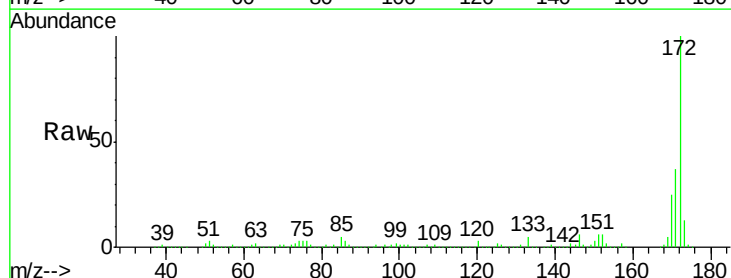


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

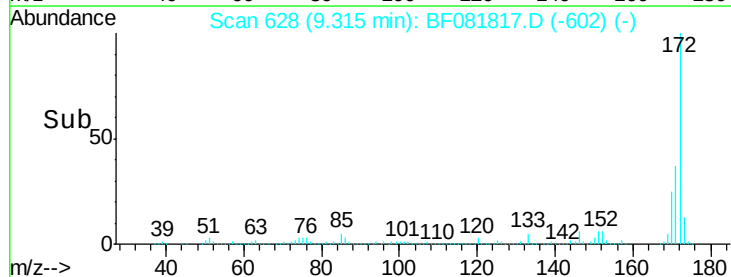
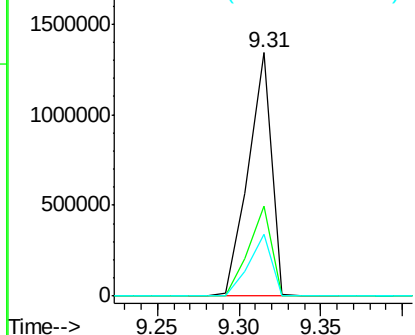


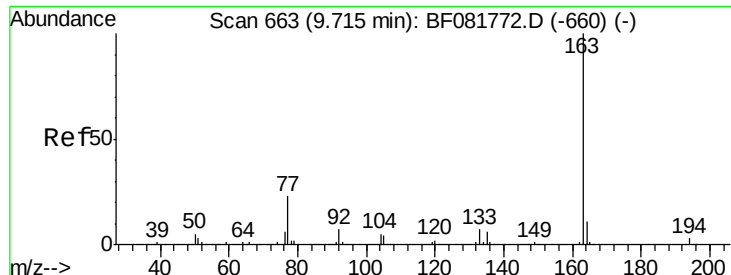
#44
 2-Fluorobiphenyl
 Concen: 80.43 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081817.D
 Acq: 25 Sep 2015 22:27

Tgt Ion: 172 Resp: 1328523
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 25.3 17.4 26.2



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: 13.43 ng

RT: 9.70 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

Instrument :

BNA_F

ClientSampleId :

TEC-7

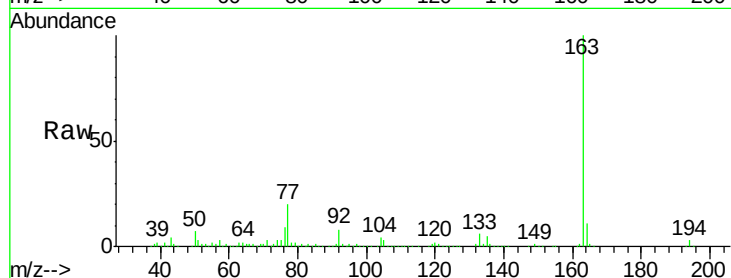
Tgt Ion:163 Resp: 277178

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

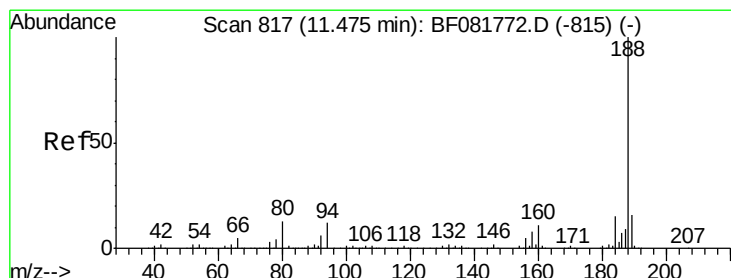
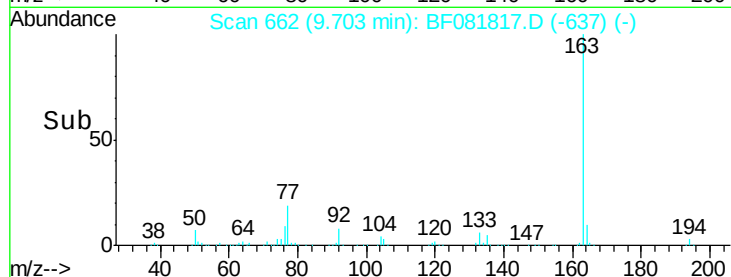
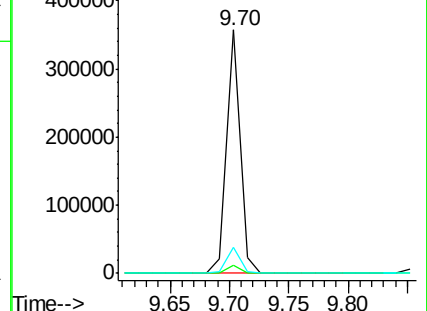
164 10.5 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

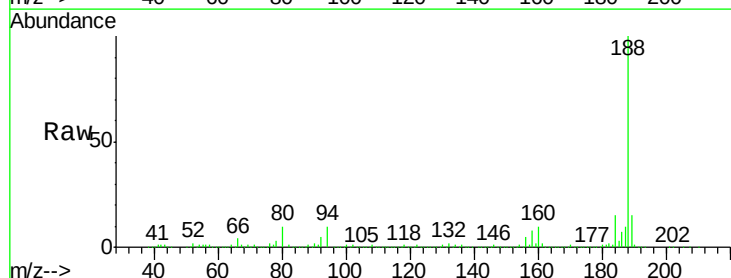
Tgt Ion:188 Resp: 439092

Ion Ratio Lower Upper

188 100

94 9.5 11.1 16.7#

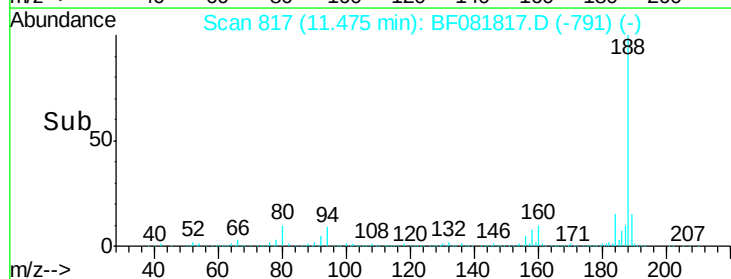
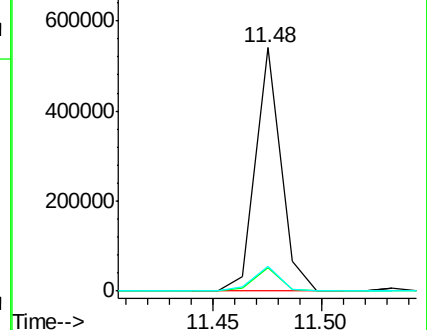
80 10.1 11.0 16.4#

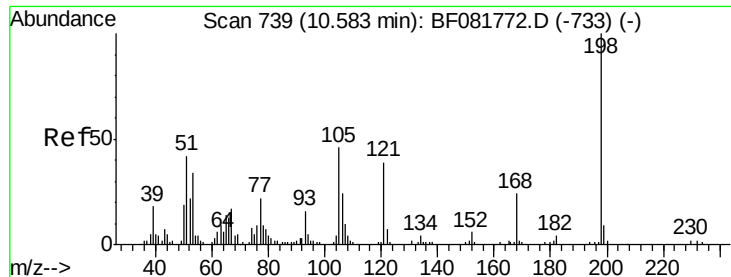


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 8.79 ng

RT: 10.70 min Scan# 749

Delta R.T. 0.11 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

Instrument :

BNA_F

ClientSampleId :

TEC-7

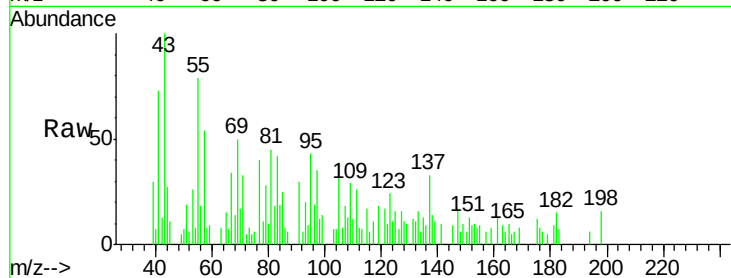
Tgt Ion:198 Resp: 864

Ion Ratio Lower Upper

198 100

51 119.6 39.6 79.6#

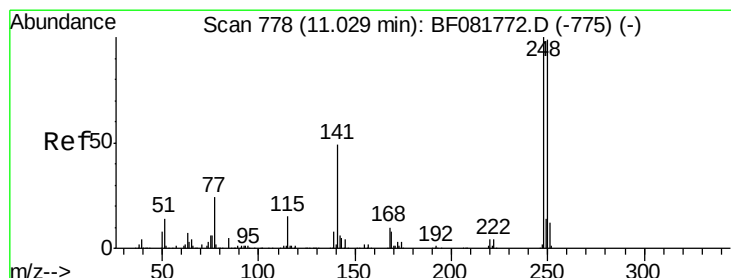
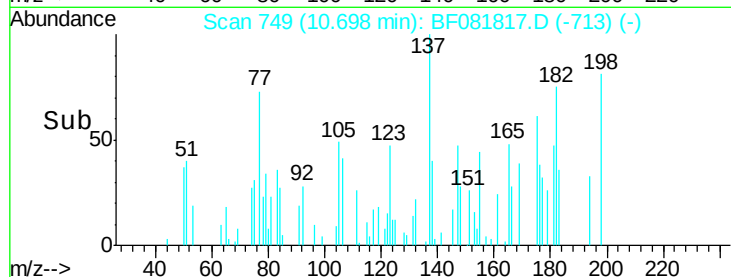
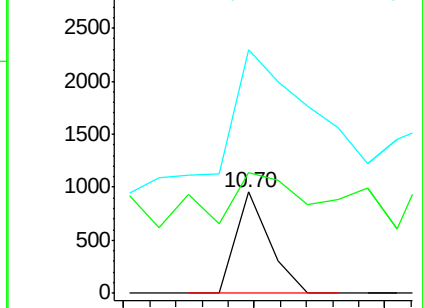
105 240.1 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.47 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

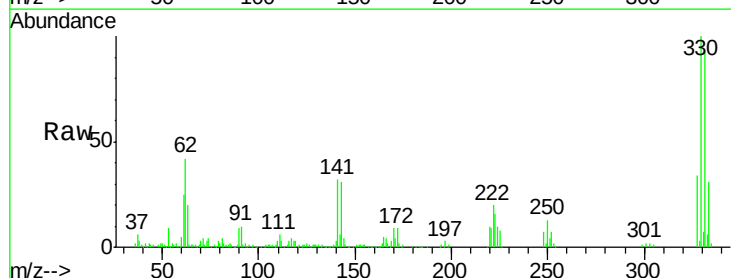
Tgt Ion:248 Resp: 12067

Ion Ratio Lower Upper

248 100

250 194.8 78.5 117.7#

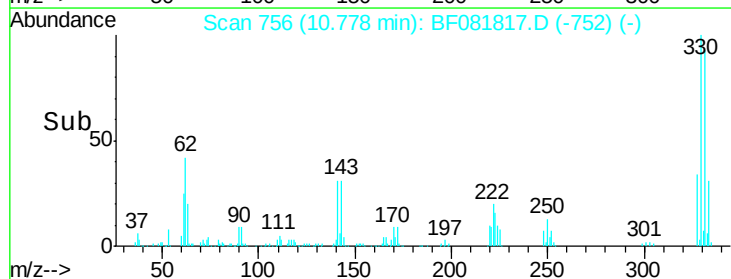
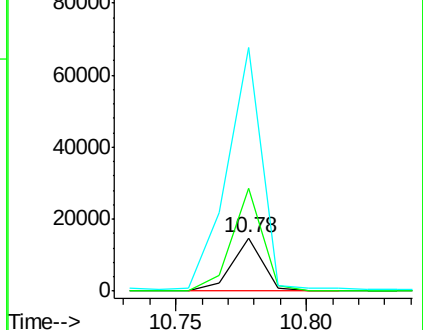
141 458.4 59.0 88.6#

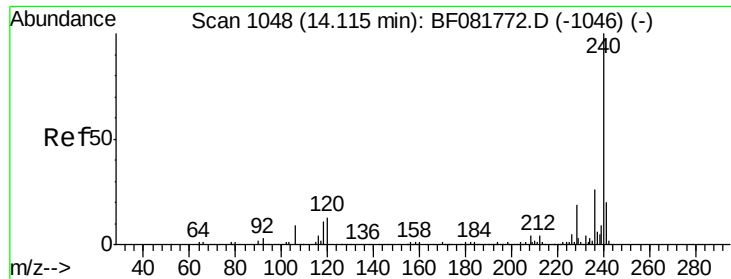


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

Instrument :

BNA_F

ClientSampled :

TEC-7

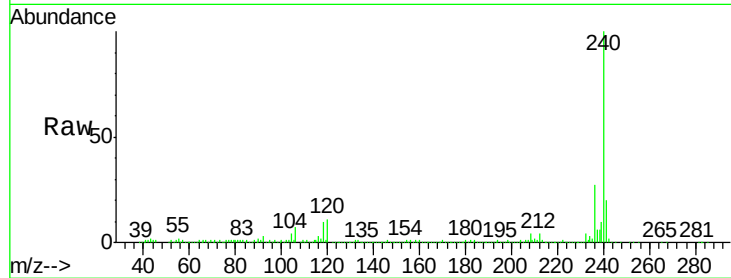
Tgt Ion:240 Resp: 363050

Ion Ratio Lower Upper

240 100

120 11.3 16.2 24.2#

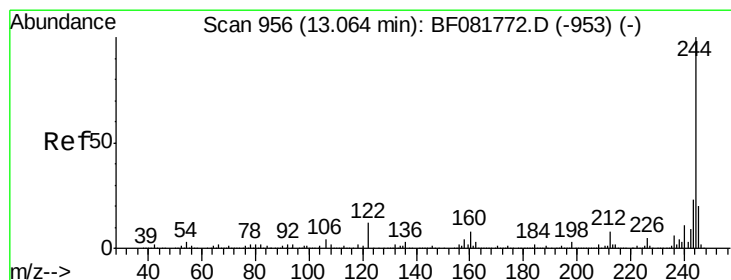
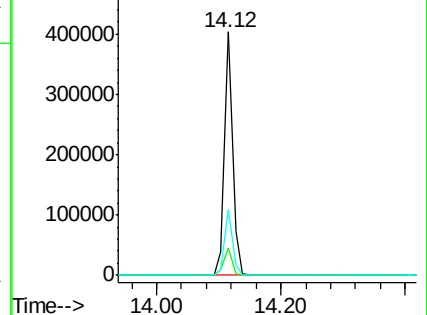
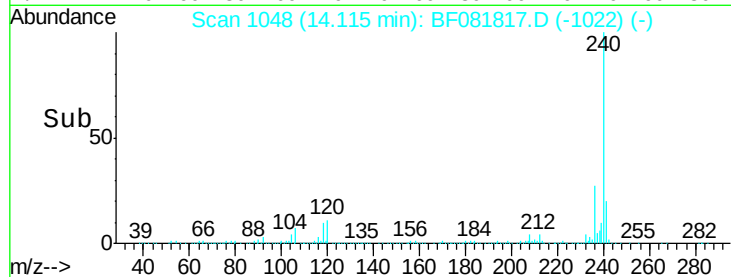
236 26.9 18.4 27.6



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: 55.36 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081817.D

Acq: 25 Sep 2015 22:27

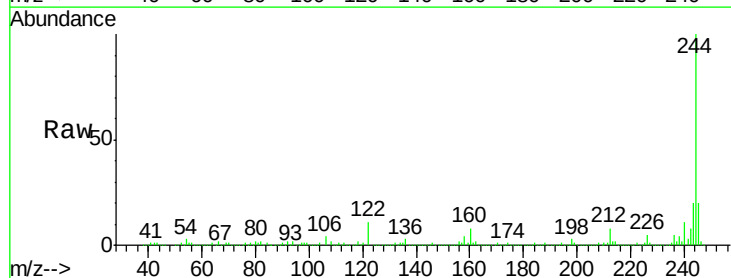
Tgt Ion:244 Resp: 879904

Ion Ratio Lower Upper

244 100

212 7.7 4.3 6.5#

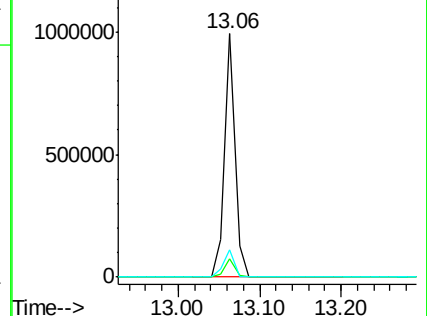
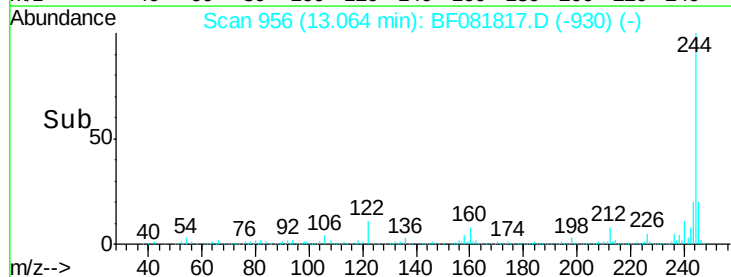
122 11.0 17.4 26.2#

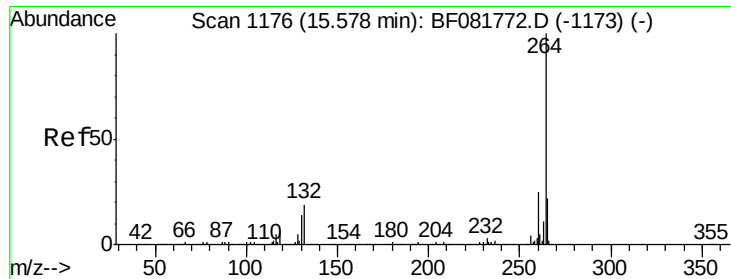


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081817.D
Acq: 25 Sep 2015 22:27

Instrument :
BNA_F
ClientSampleId :
TEC-7

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.5	17.2	25.8

