

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081989.D
 Acq On : 2 Oct 2015 20:04
 Operator : UM/IZ
 Sample : G3886-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-24(16-18)

Quant Time: Oct 05 06:33:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

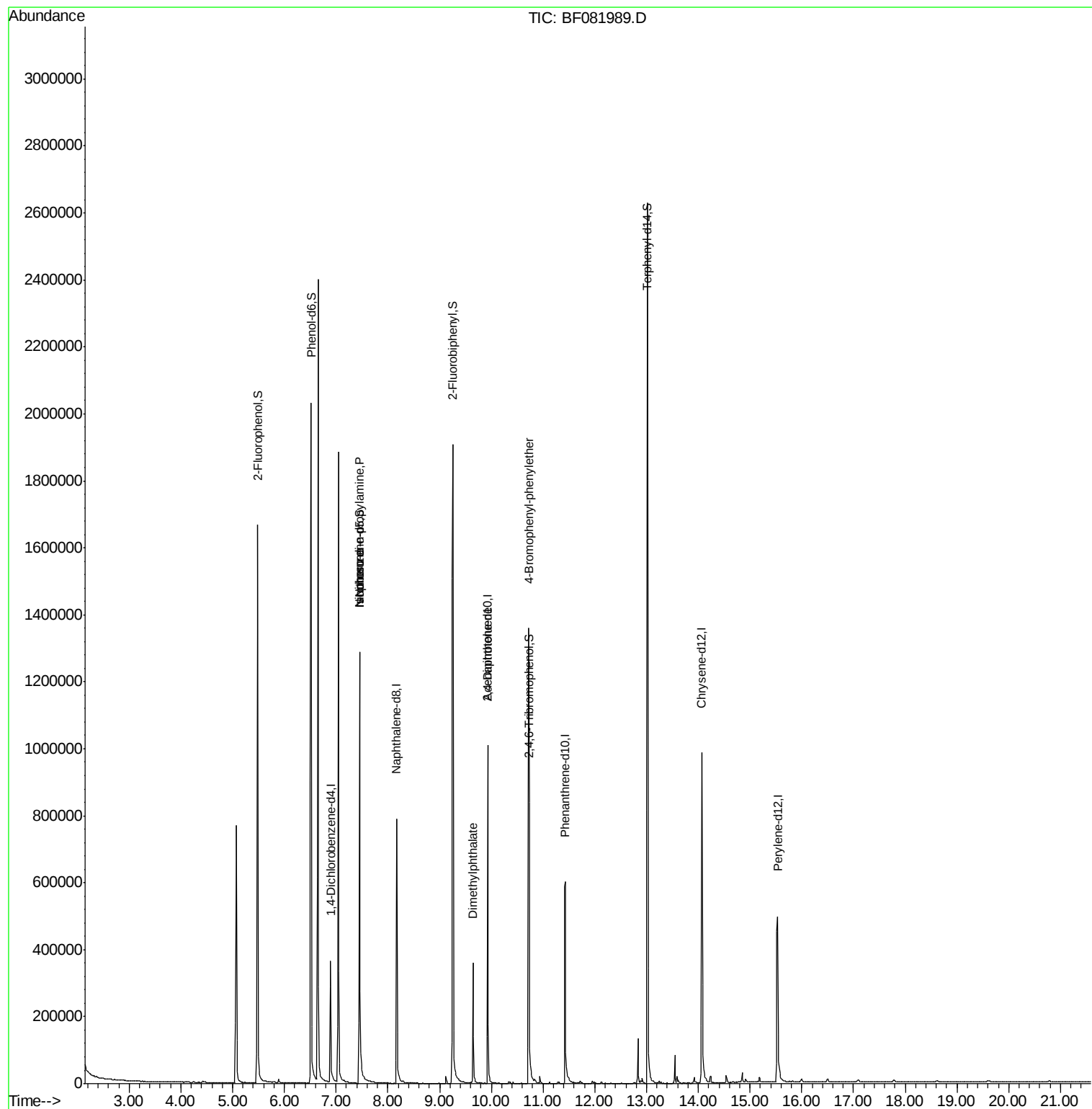
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	99485	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	425152	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	218646	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	432448	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	452915	20.00	ng	-0.05
86) Perylene-d12	15.53	264	358387	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	685551	125.09	ng	-0.03
7) Phenol-d6	6.51	99	854347	123.89	ng	-0.05
23) Nitrobenzene-d5	7.45	82	508001	79.65	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	246927	111.51	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	990001	73.86	ng	-0.05
78) Terphenyl-d14	13.02	244	972698	65.00	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	63906	15.25	ng	# 58
25) Isophorone	7.45	82	458307	36.25	ng	# 58
49) Dimethylphthalate	9.65	163	189102	12.53	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	27475	6.58	ng	# 32
57) Fluorene	10.72	166	9192	Below	Cal	# 86
66) 4-Bromophenyl-phenylether	10.72	248	15121	3.47	ng	# 1
70) Phenanthrene	11.45	178	243	Below	Cal	# 62
73) Di-n-butylphthalate	11.99	149	3459	Below	Cal	# 78

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF081989.D

Acq: 2 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)

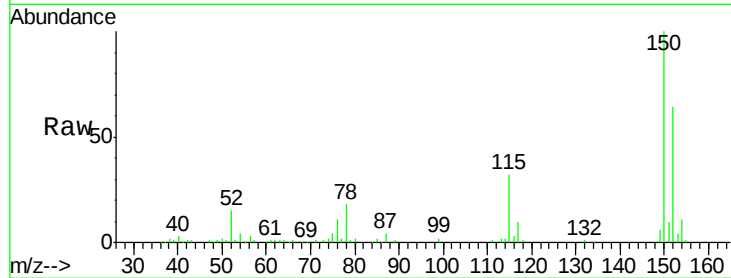
Tgt Ion:152 Resp: 99485

Ion Ratio Lower Upper

152 100

150 156.8 124.7 187.1

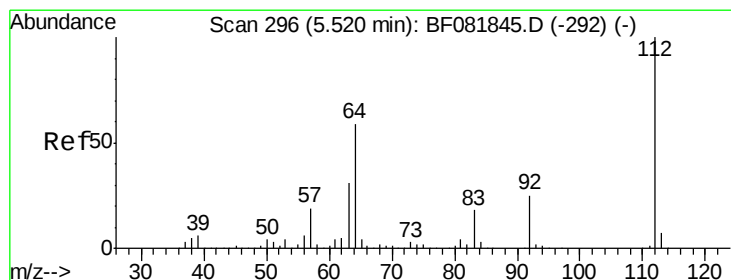
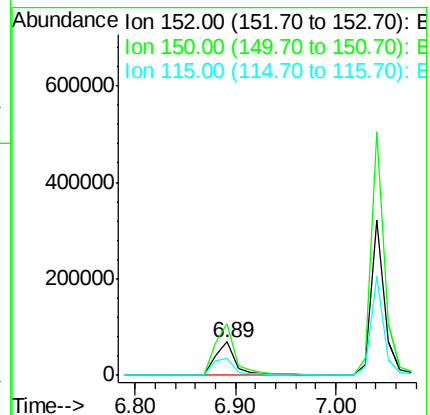
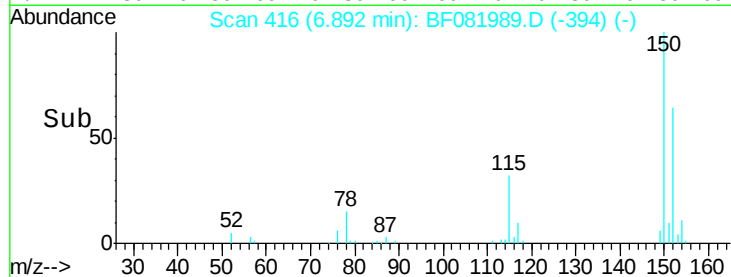
115 50.7 39.0 58.4



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: 125.09 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081989.D

Acq: 2 Oct 2015 20:04

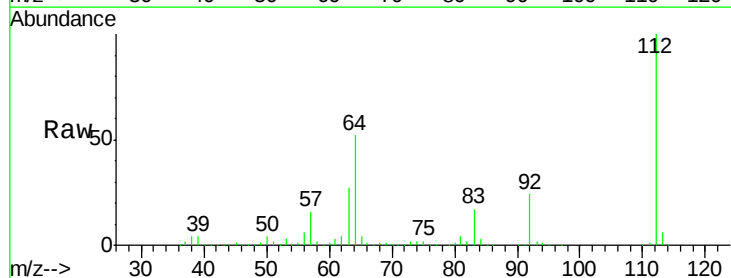
Tgt Ion:112 Resp: 685551

Ion Ratio Lower Upper

112 100

64 51.7 39.7 59.5

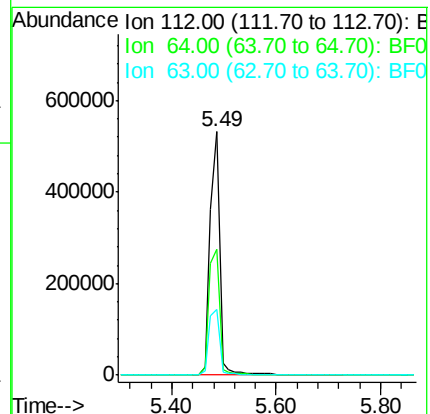
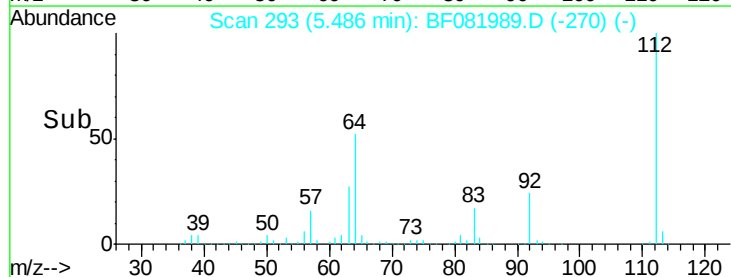
63 27.2 17.4 26.0#

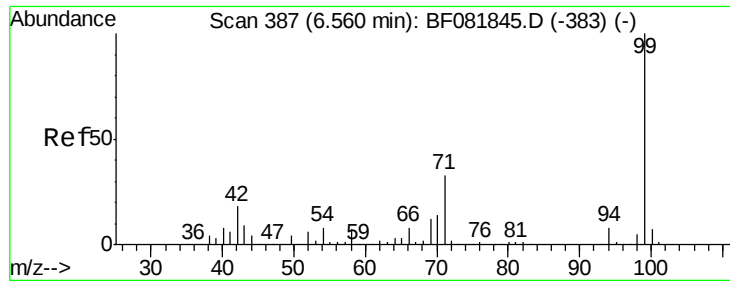


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.89 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081989.D

Acq: 2 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)

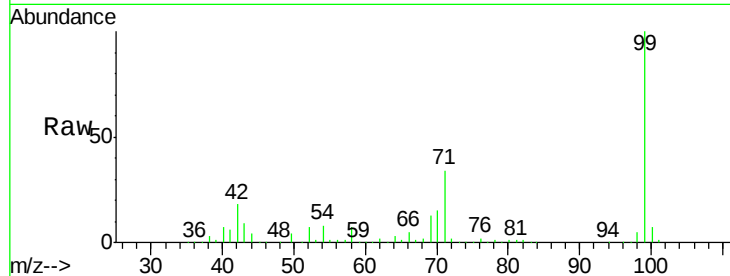
Tgt Ion: 99 Resp: 854347

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

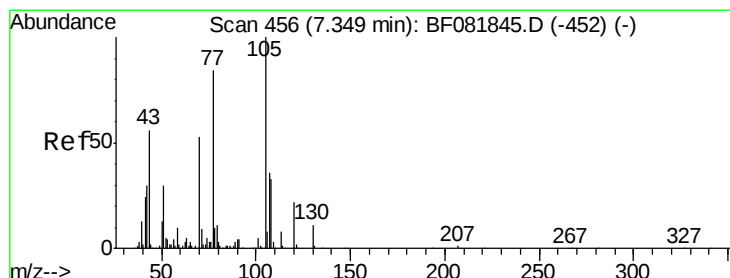
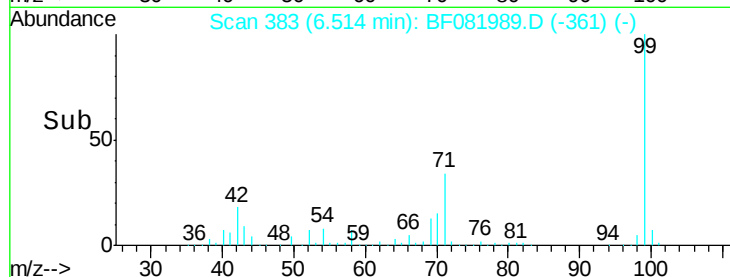
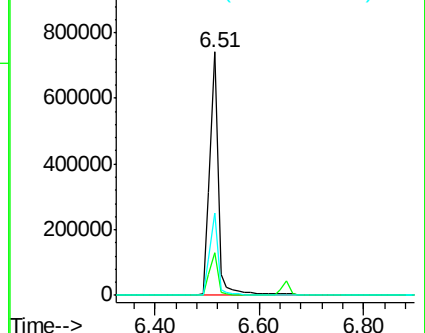
71 33.7 14.2 21.2#



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: 15.25 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF081989.D

Acq: 2 Oct 2015 20:04

Tgt Ion: 70 Resp: 63906

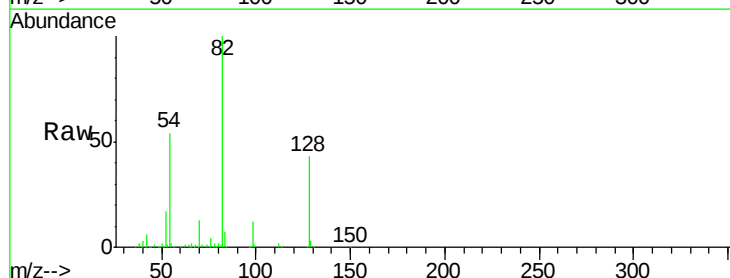
Ion Ratio Lower Upper

70 100

42 46.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

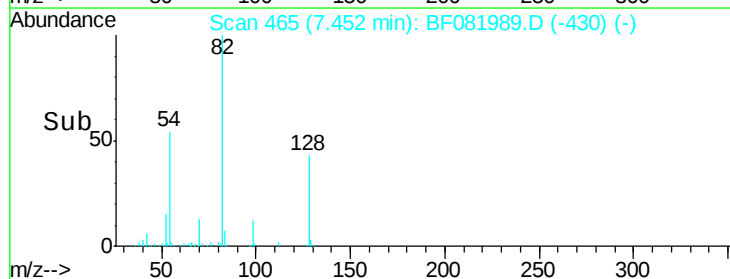
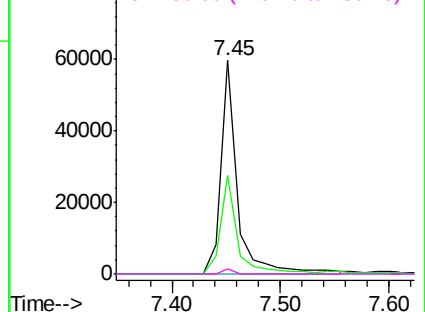


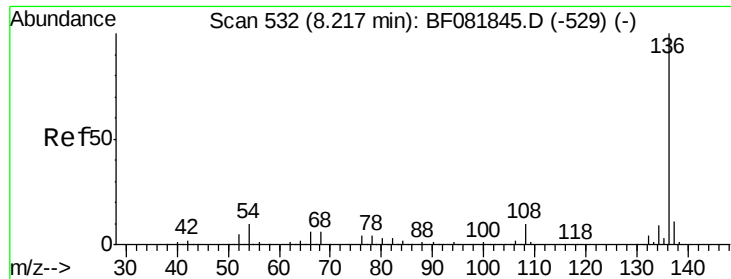
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

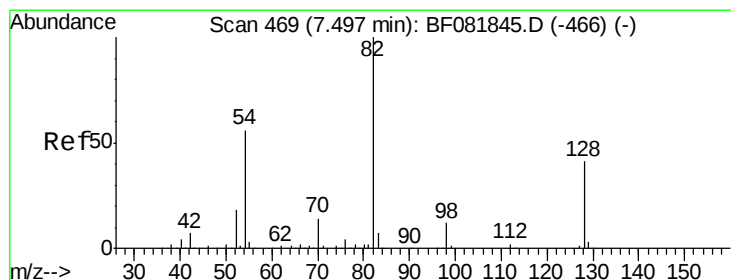
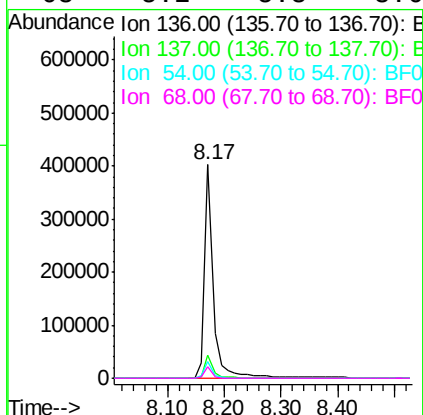
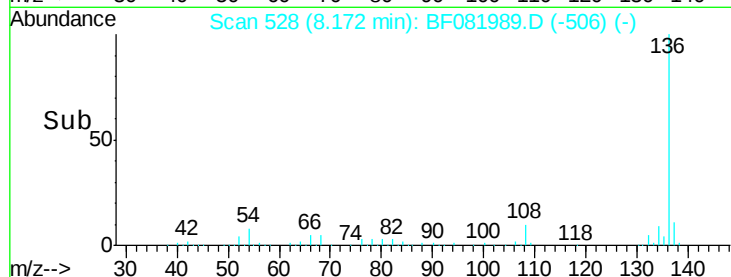
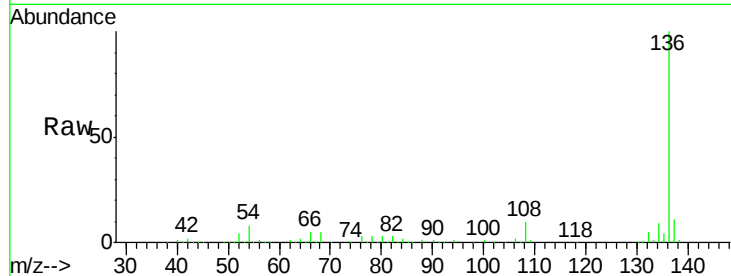




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081989.D
Acq: 2 Oct 2015 20:04

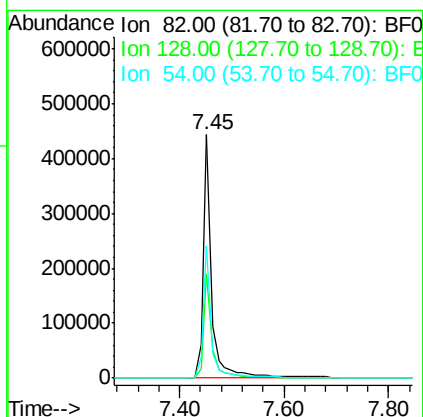
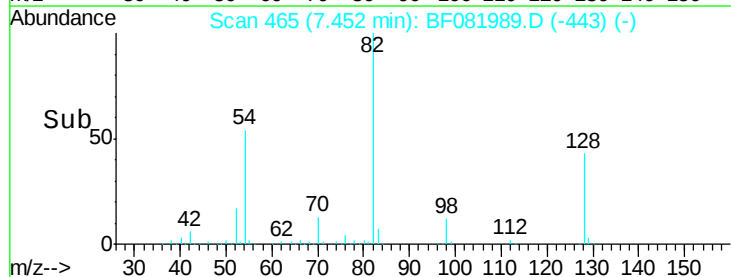
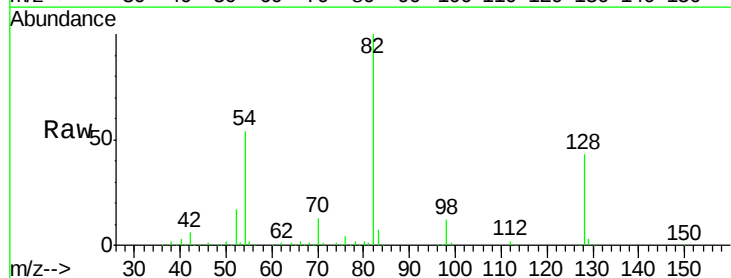
Instrument :
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OS-SB-24(16-18)

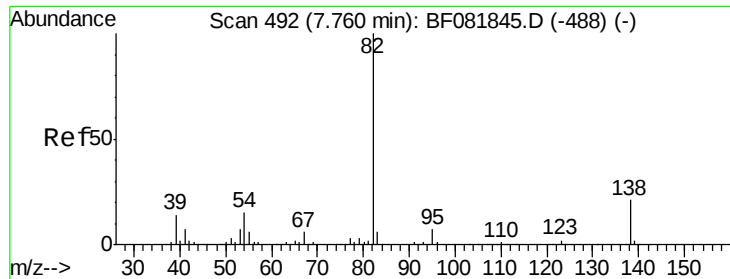
Tgt Ion:	136	Resp:	425152
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.9	8.2	12.2#
68	5.2	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 79.65 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF081989.D
Acq: 2 Oct 2015 20:04

Tgt Ion:	82	Resp:	508001
Ion	Ratio	Lower	Upper
82	100		
128	42.8	51.0	76.6#
54	54.2	47.5	71.3





#25

Isophorone

Concen: 36.25 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF081989.D

Acq: 2 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)

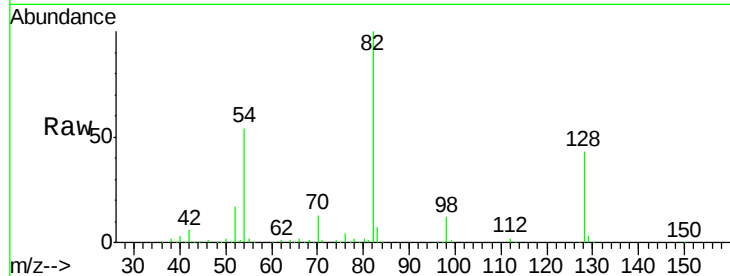
Tgt Ion: 82 Resp: 458307

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

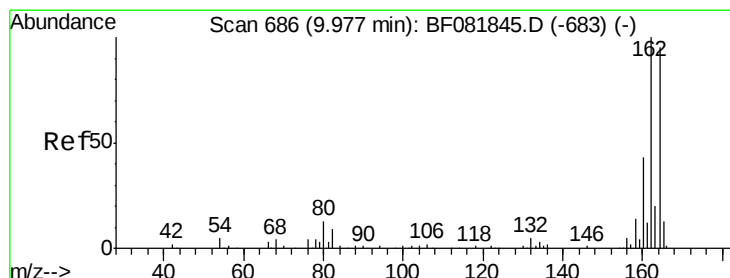
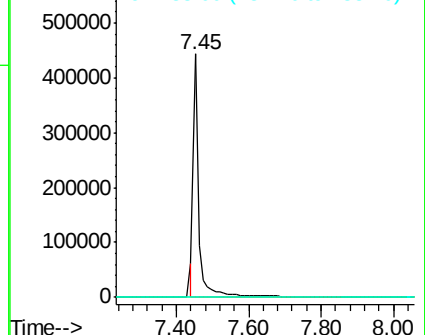
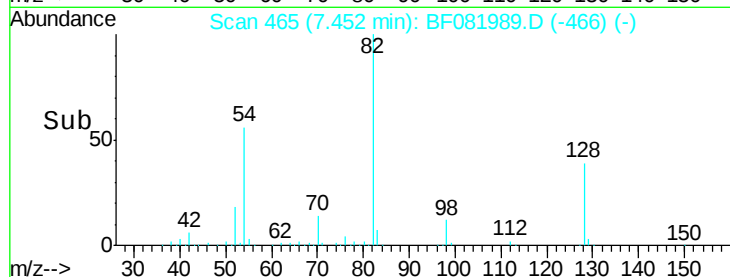
138 0.0 18.3 27.5#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081989.D

Acq: 2 Oct 2015 20:04

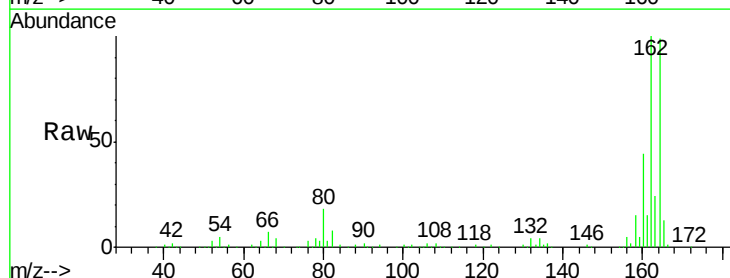
Tgt Ion: 164 Resp: 218646

Ion Ratio Lower Upper

164 100

162 101.0 75.2 112.8

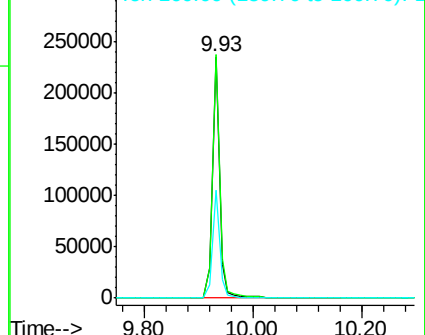
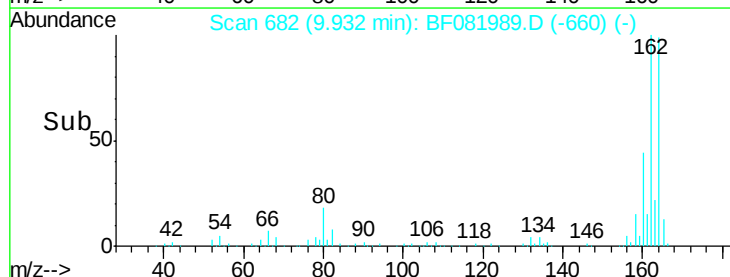
160 44.7 31.5 47.3



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

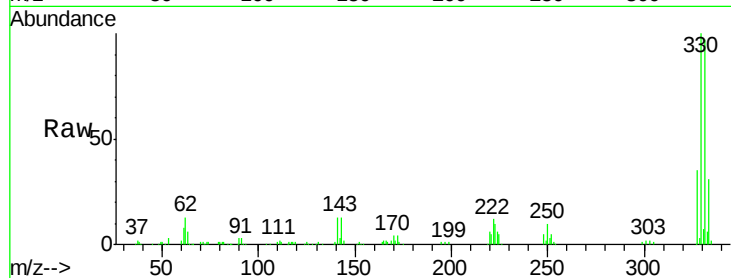




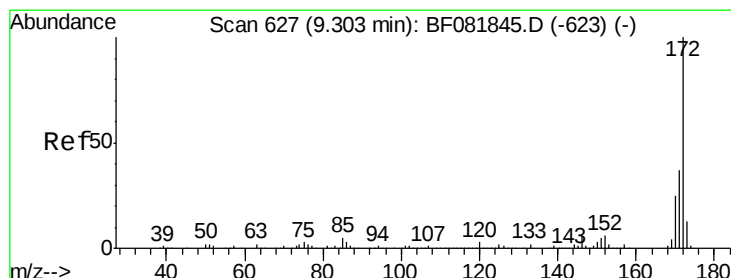
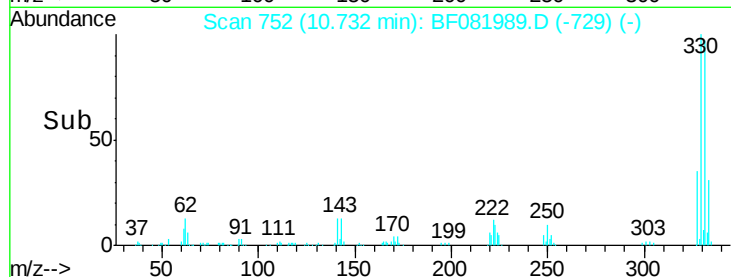
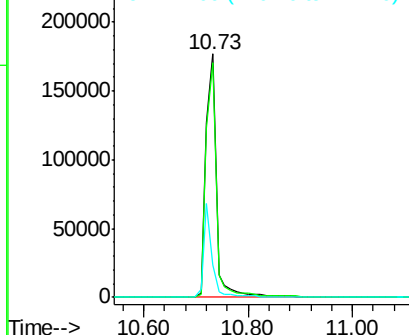
#41
 2,4,6-Tribromophenol
 Concen: 111.51 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081989.D
 Acq: 2 Oct 2015 20:04

Instrument :
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 ClientSampleId :
 OS-SB-24(16-18)

Tgt Ion:330 Resp: 246927
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 31.2 29.7 44.5

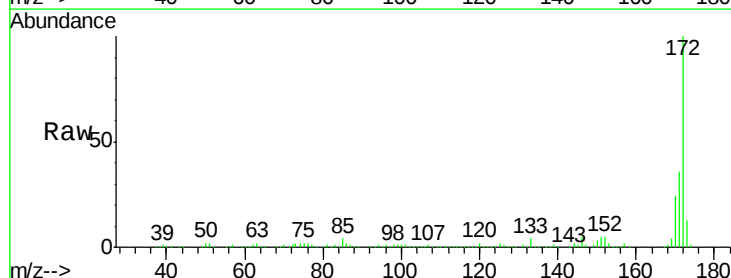


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

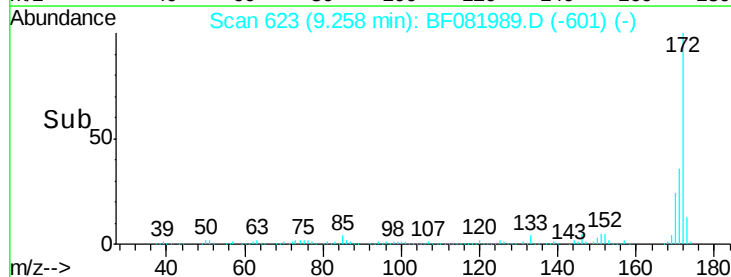
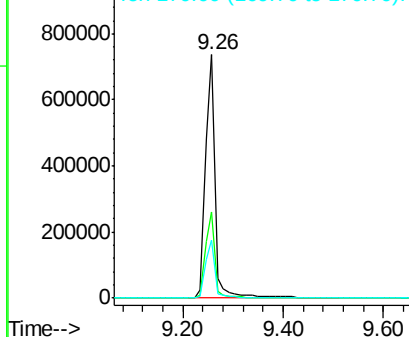


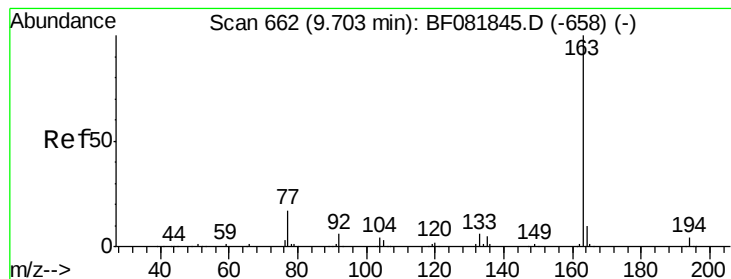
#44
 2-Fluorobiphenyl
 Concen: 73.86 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081989.D
 Acq: 2 Oct 2015 20:04

Tgt Ion:172 Resp: 990001
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.9 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: 12.53 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF081989.D

Acq: 2 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)

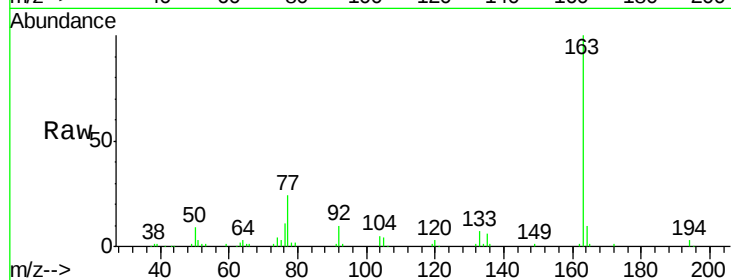
Tgt Ion:163 Resp: 189102

Ion Ratio Lower Upper

163 100

194 2.9 4.4 6.6#

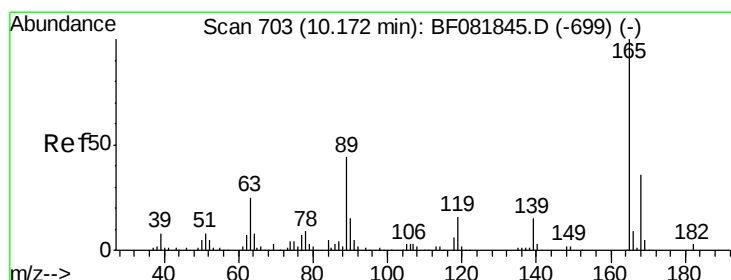
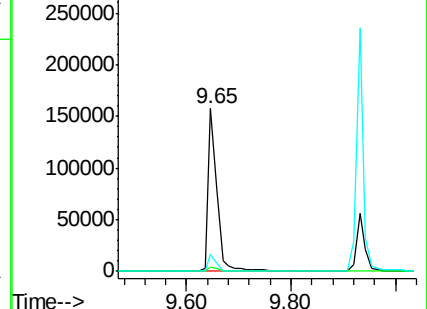
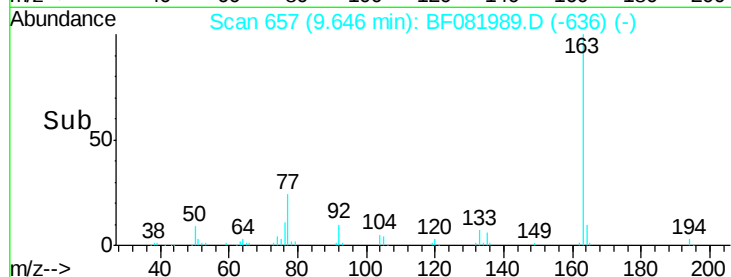
164 10.3 8.3 12.5



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: 6.58 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081989.D

Acq: 2 Oct 2015 20:04

Tgt Ion:165 Resp: 27475

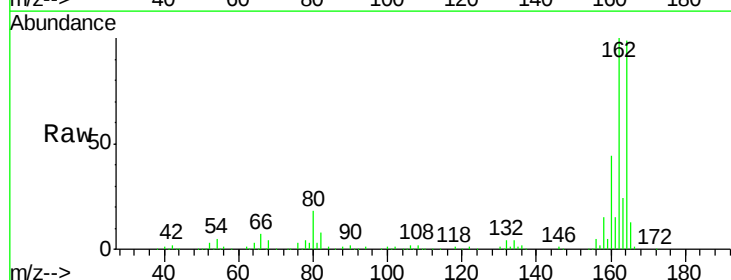
Ion Ratio Lower Upper

165 100

63 1.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

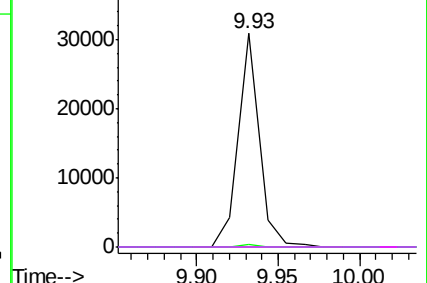
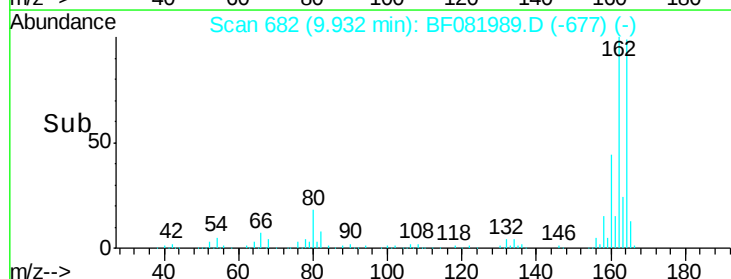


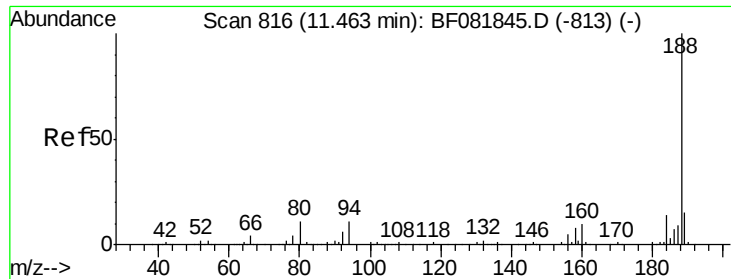
Abundance Ion 165.00 (164.70 to 165.70): E

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

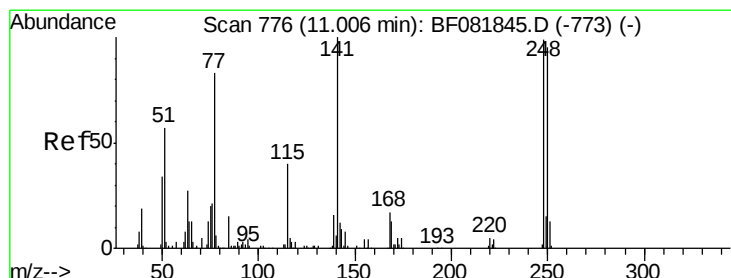
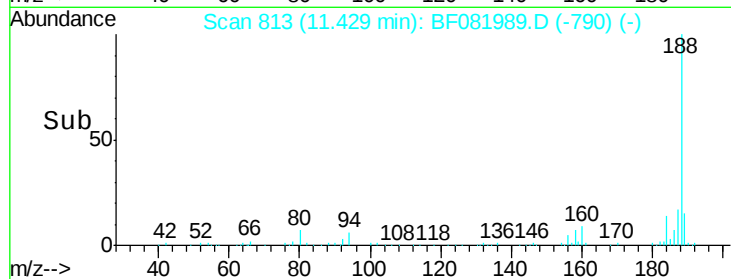
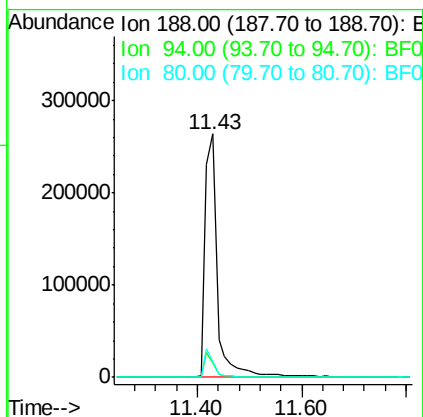
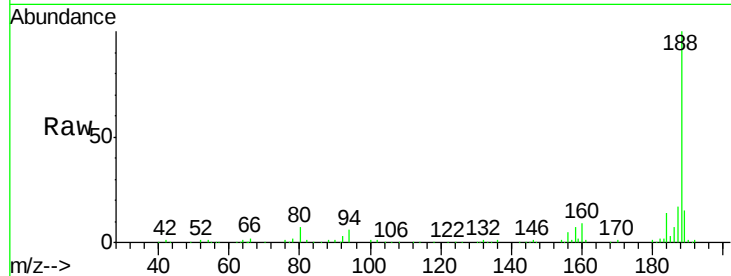




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081989.D
Acq: 2 Oct 2015 20:04

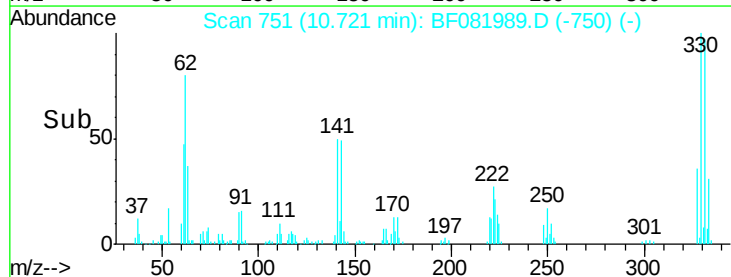
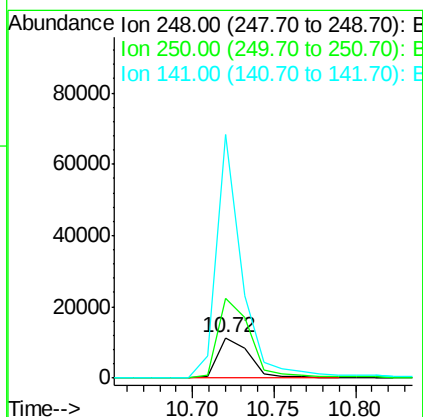
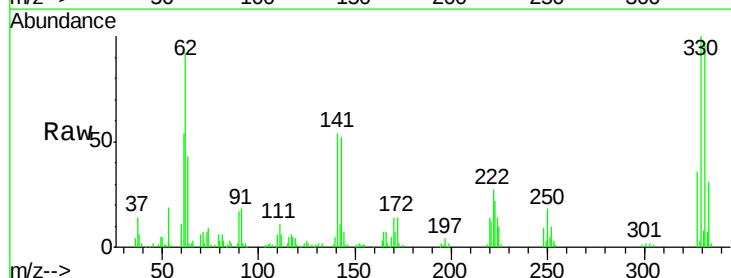
Instrument :
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OS-SB-24(16-18)

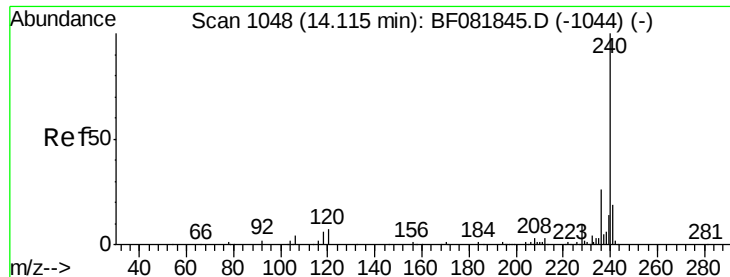
Tgt Ion:188 Resp: 432448
Ion Ratio Lower Upper
188 100
94 6.0 11.1 16.7#
80 6.5 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF081989.D
Acq: 2 Oct 2015 20:04

Tgt Ion:248 Resp: 15121
Ion Ratio Lower Upper
248 100
250 195.4 78.5 117.7#
141 600.4 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081989.D

Acq: 2 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)

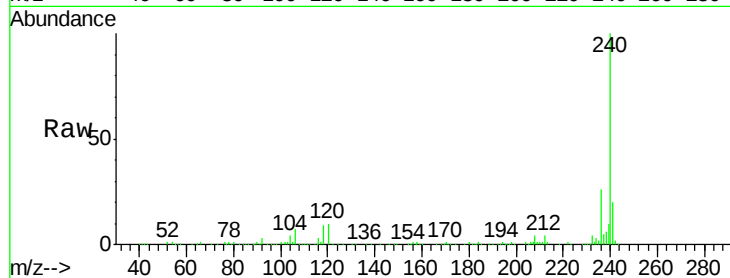
Tgt Ion:240 Resp: 452915

Ion Ratio Lower Upper

240 100

120 10.0 16.2 24.2#

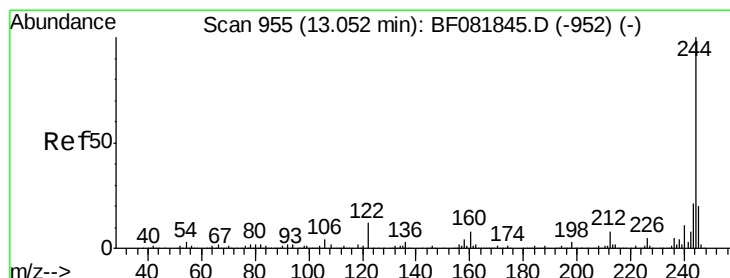
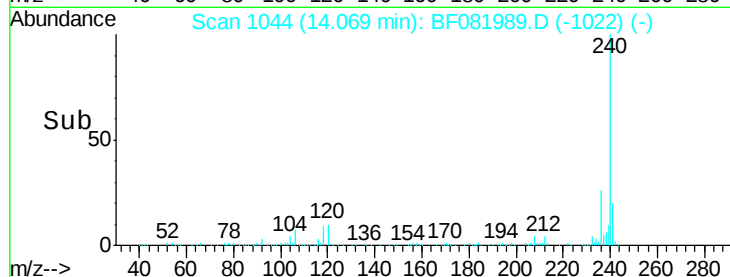
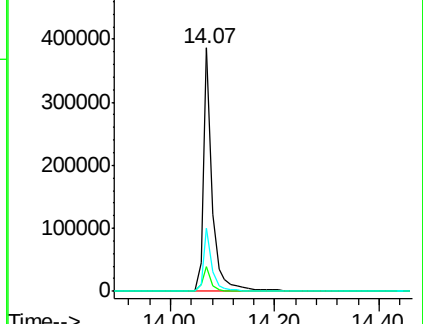
236 25.7 18.4 27.6



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: 65.00 ng

RT: 13.02 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF081989.D

Acq: 2 Oct 2015 20:04

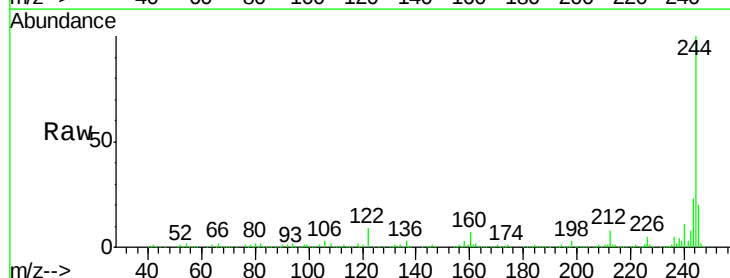
Tgt Ion:244 Resp: 972698

Ion Ratio Lower Upper

244 100

212 7.6 4.3 6.5#

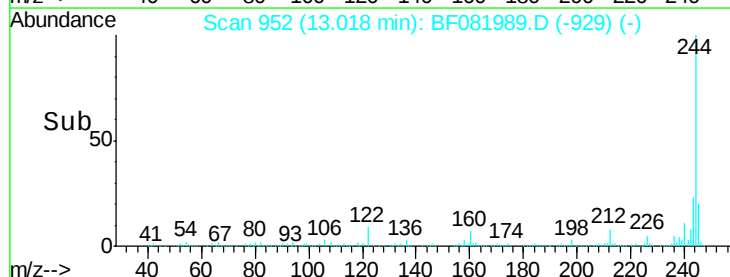
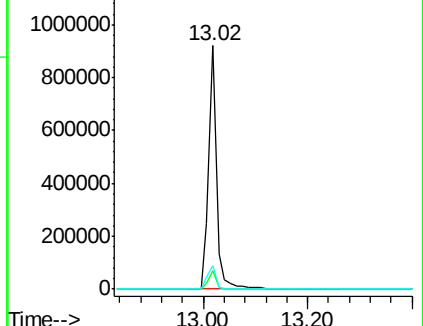
122 9.4 17.4 26.2#

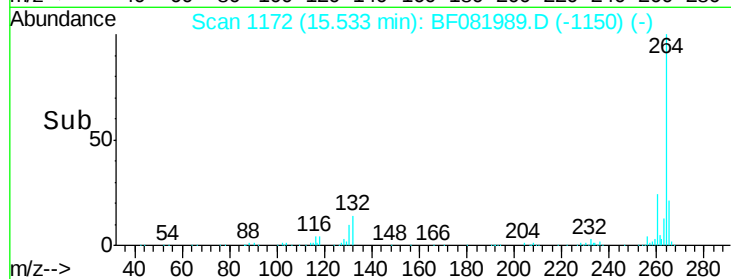
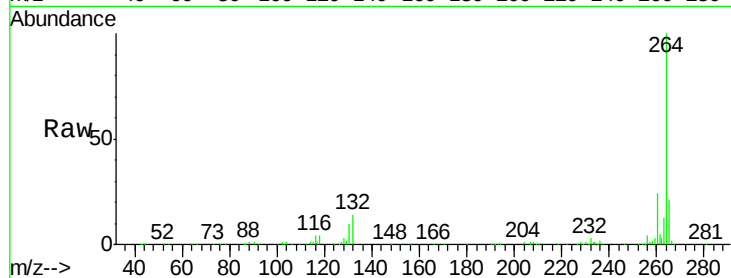
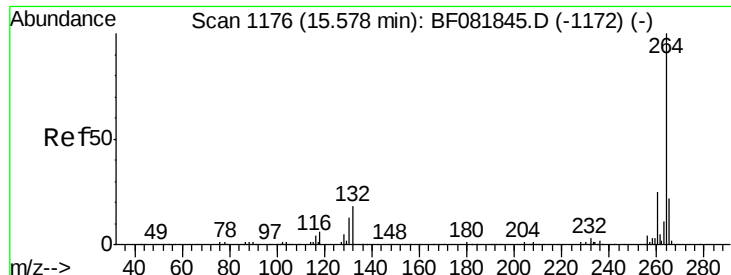


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 1172

Delta R.T. -0.05 min

Lab File: BF081989.D

Acq: 2 Oct 2015 20:04

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)

Tgt Ion:264 Resp: 358387

Ion Ratio Lower Upper

264 100

260 23.5 16.7 25.1

265 21.4 17.2 25.8

