

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF081992.D
 Acq On : 2 Oct 2015 21:35
 Operator : UM/IZ
 Sample : G3886-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 05 06:42:32 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

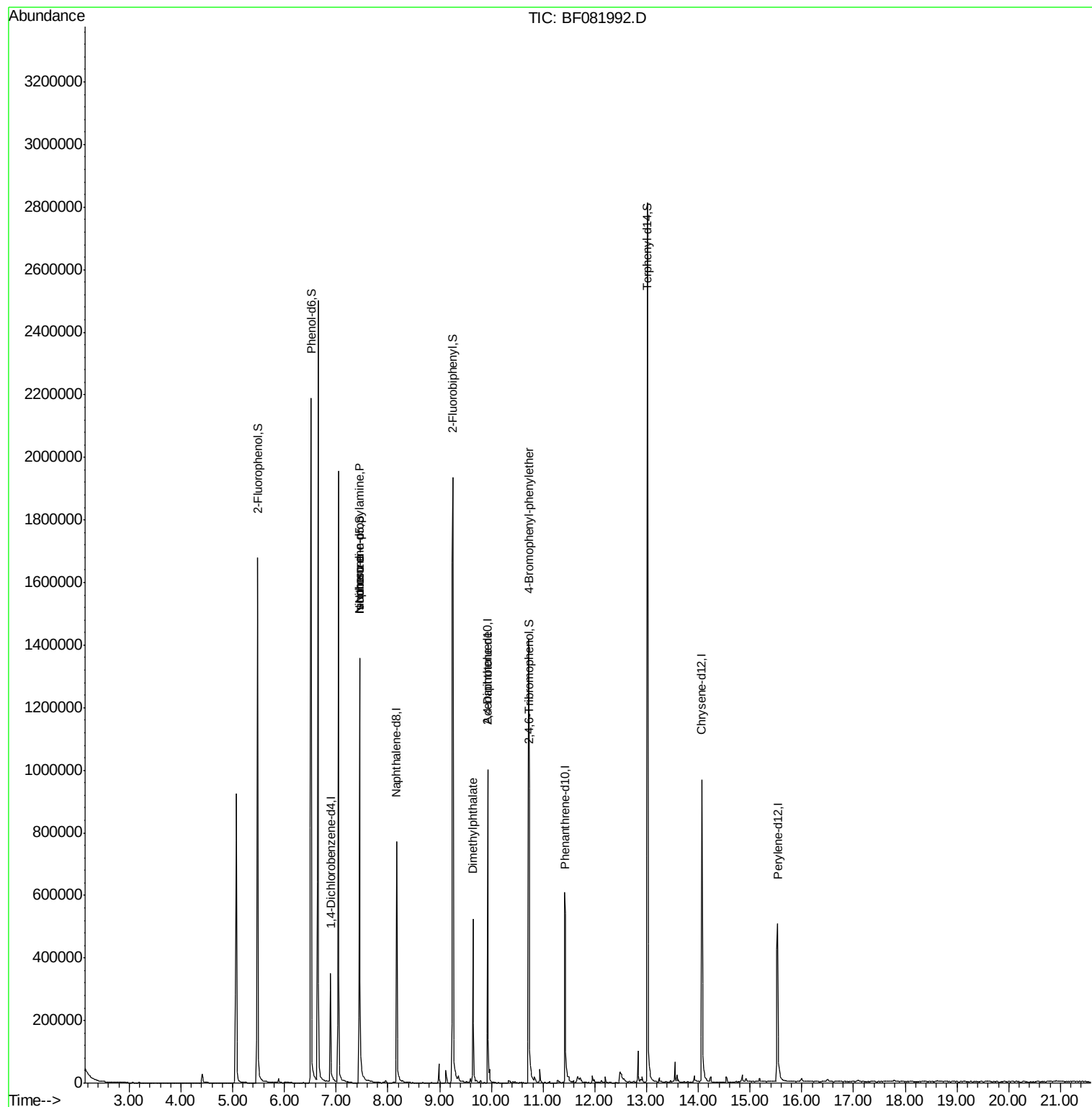
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	96392	20.00	ng	-0.05
21) Naphthalene-d8	8.17	136	401974	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	210923	20.00	ng	-0.05
63) Phenanthrene-d10	11.43	188	412253	20.00	ng	-0.03
75) Chrysene-d12	14.07	240	452376	20.00	ng	-0.05
86) Perylene-d12	15.53	264	353509	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	717370	135.10	ng	-0.03
7) Phenol-d6	6.51	99	875702	131.06	ng	-0.05
23) Nitrobenzene-d5	7.45	82	538806	89.35	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	267551	125.25	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1022504	80.24	ng	-0.05
78) Terphenyl-d14	13.02	244	1005342	67.90	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	67727	16.68	ng	# 58
25) Isophorone	7.45	82	485388	40.61	ng	# 58
49) Dimethylphthalate	9.65	163	267995	18.41	ng	# 97
56) 2,4-Dinitrotoluene	9.93	165	26489	6.57	ng	# 33
57) Fluorene	10.49	166	362	Below Cal	#	38
66) 4-Bromophenyl-phenylether	10.72	248	16247	3.91	ng	# 1
70) Phenanthrene	11.45	178	6951	Below Cal	#	95
73) Di-n-butylphthalate	11.99	149	5175	Below Cal	#	95

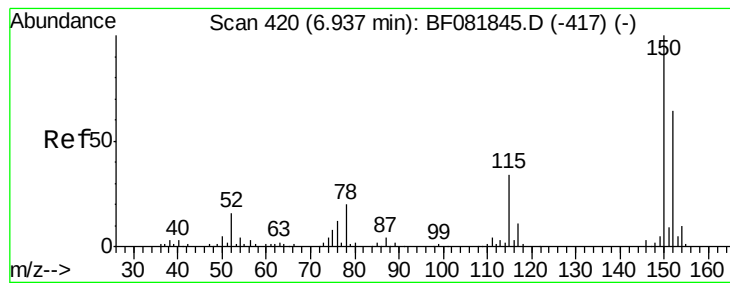
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081992.D

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Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)A

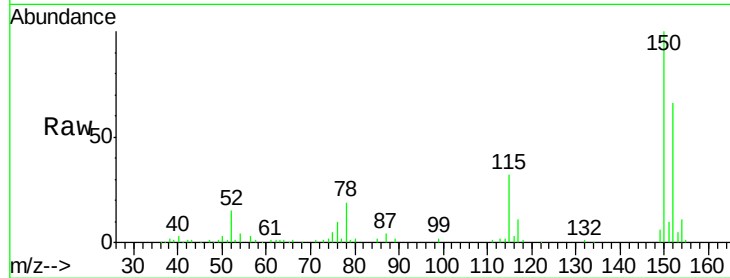
Tgt Ion:152 Resp: 96392

Ion Ratio Lower Upper

152 100

150 152.5 124.7 187.1

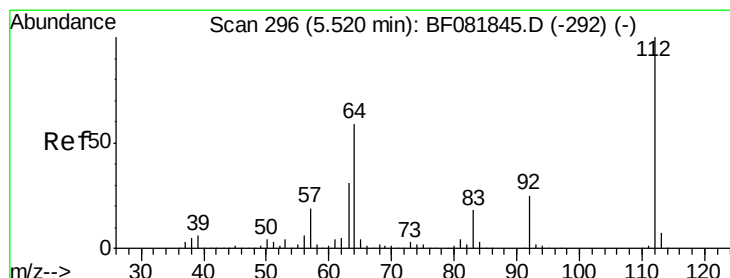
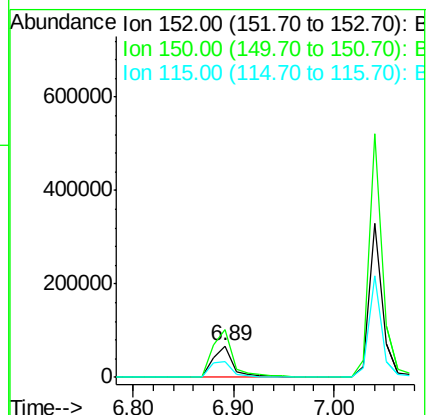
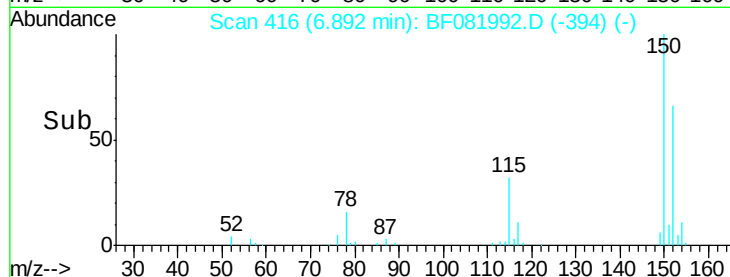
115 49.3 39.0 58.4



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: 135.10 ng

RT: 5.49 min Scan# 293

Delta R.T. -0.03 min

Lab File: BF081992.D

Acq: 2 Oct 2015 21:35

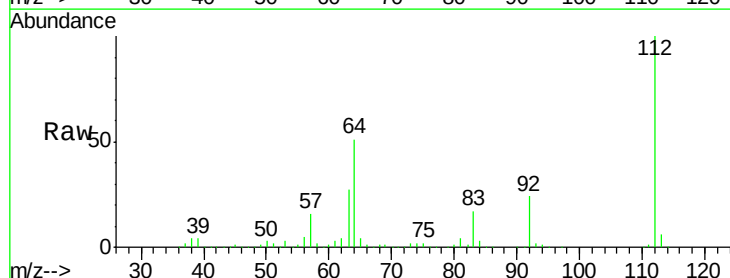
Tgt Ion:112 Resp: 717370

Ion Ratio Lower Upper

112 100

64 51.1 39.7 59.5

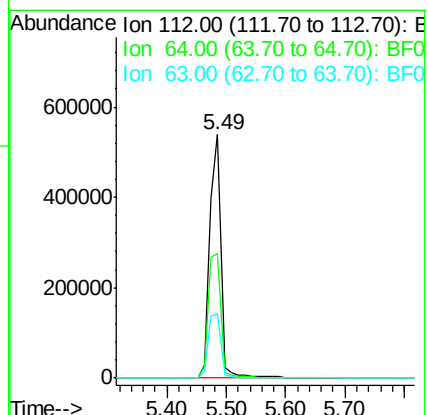
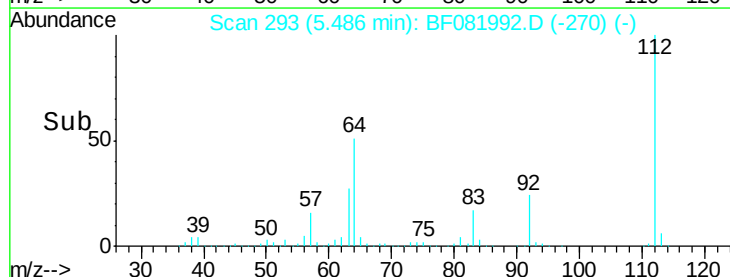
63 26.6 17.4 26.0#

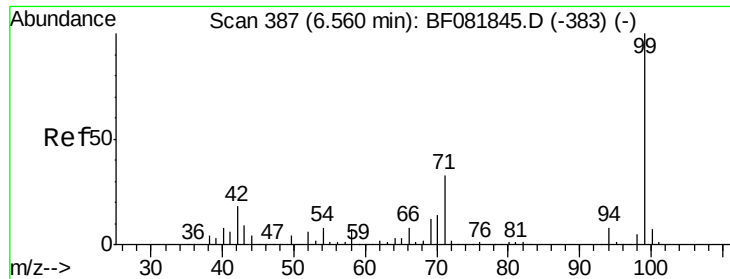


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 131.06 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF081992.D

Acq: 2 Oct 2015 21:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)A

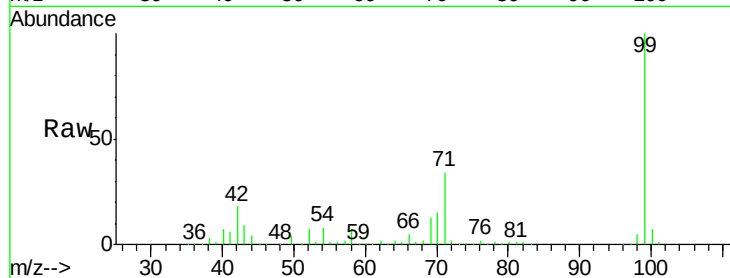
Tgt Ion: 99 Resp: 875702

Ion Ratio Lower Upper

99 100

42 18.0 13.7 20.5

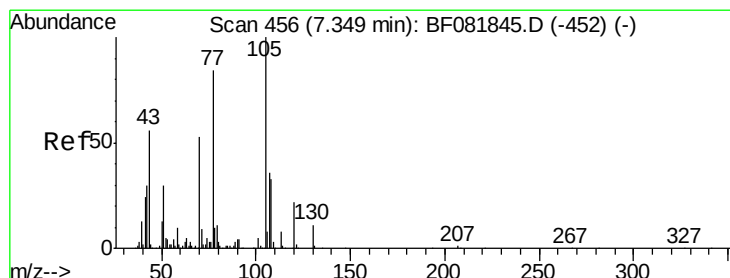
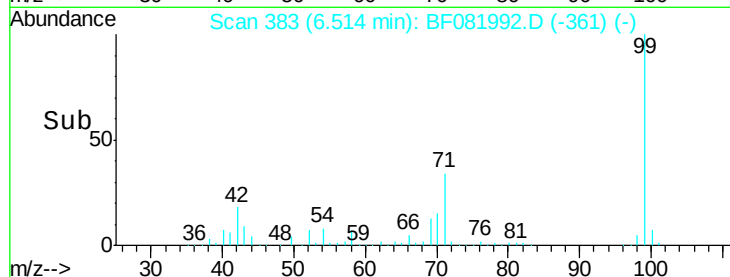
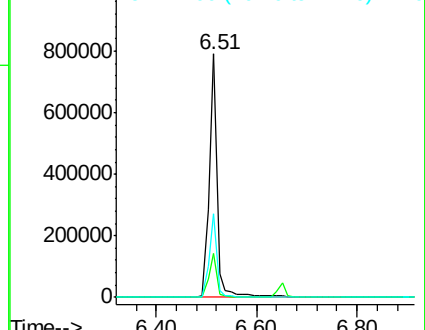
71 34.5 14.2 21.2#



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: 16.68 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF081992.D

Acq: 2 Oct 2015 21:35

Tgt Ion: 70 Resp: 67727

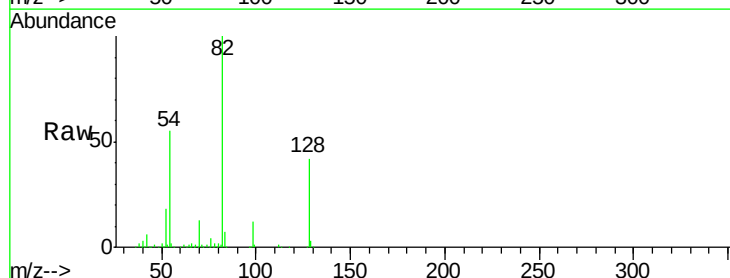
Ion Ratio Lower Upper

70 100

42 46.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

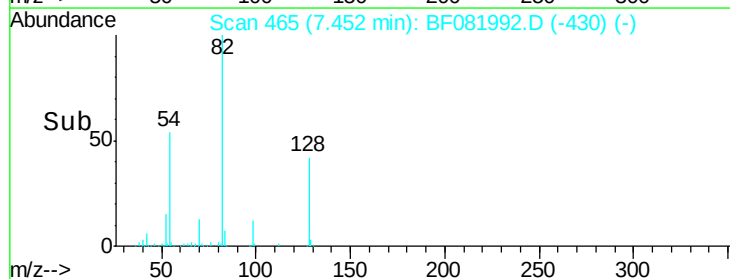
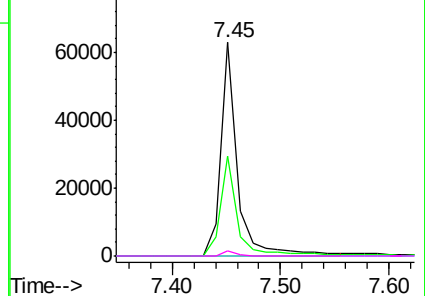


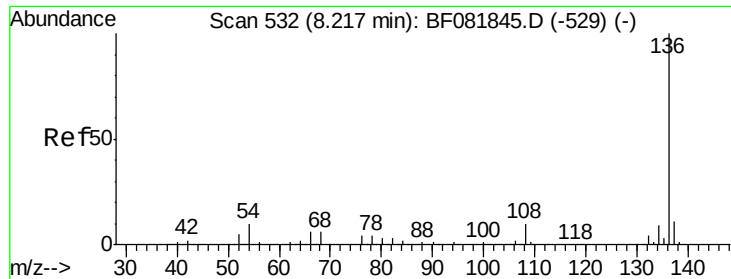
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

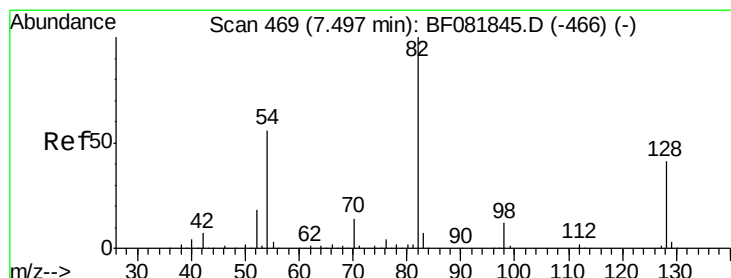
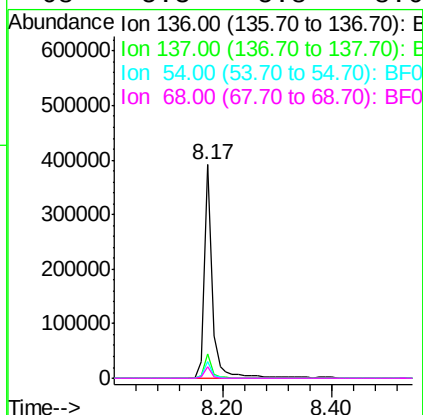
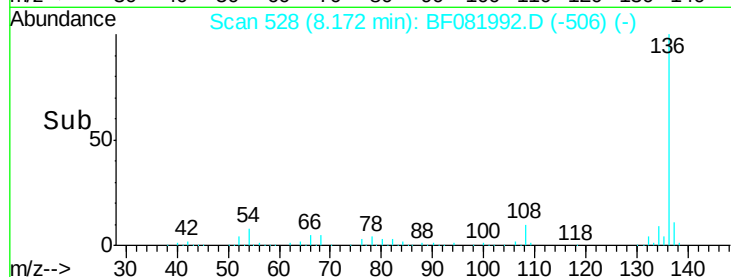
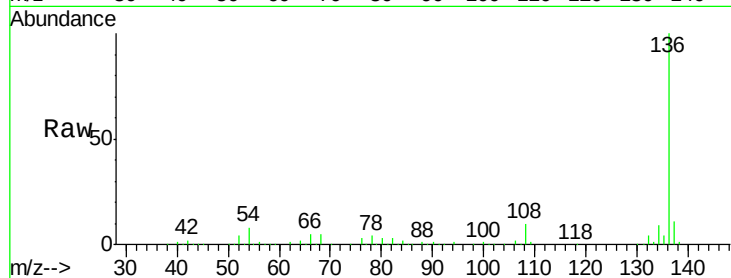




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF081992.D
Acq: 2 Oct 2015 21:35

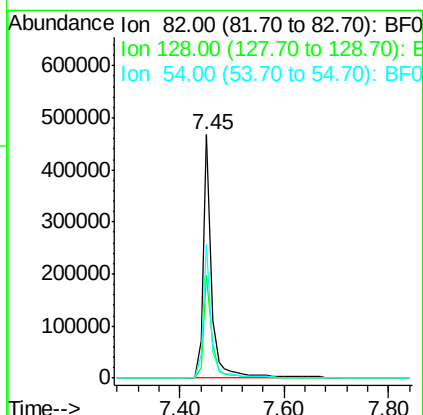
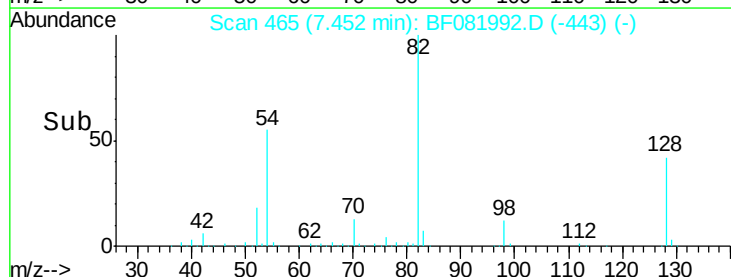
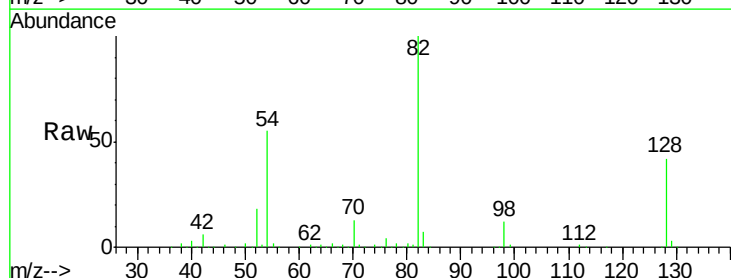
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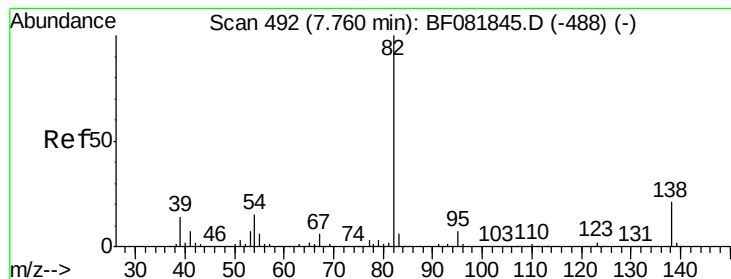
Tgt Ion: 136 Resp: 401974
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.9 8.2 12.2#
68 5.3 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 89.35 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF081992.D
Acq: 2 Oct 2015 21:35

Tgt Ion: 82 Resp: 538806
Ion Ratio Lower Upper
82 100
128 42.2 51.0 76.6#
54 54.9 47.5 71.3





#25

Isophorone

Concen: 40.61 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.31 min

Lab File: BF081992.D

Acq: 2 Oct 2015 21:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)A

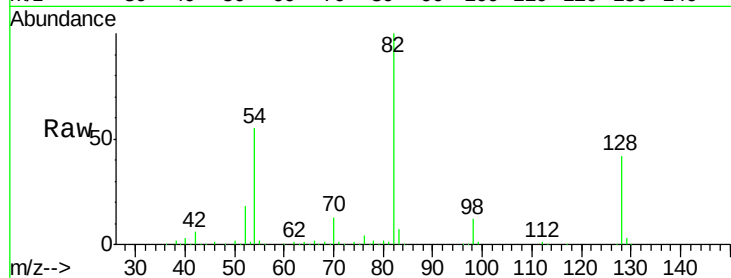
Tgt Ion: 82 Resp: 485388

Ion Ratio Lower Upper

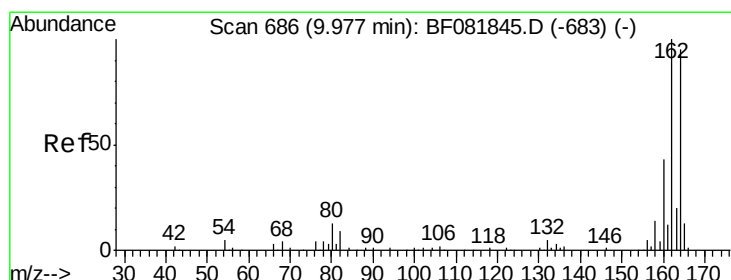
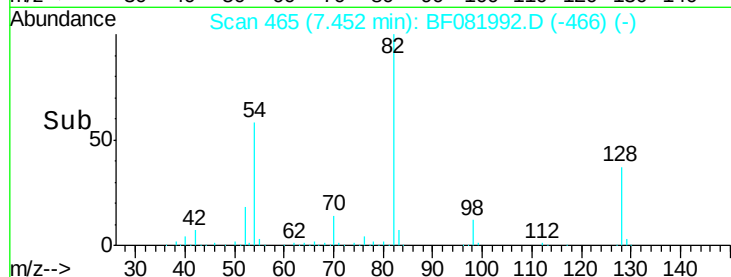
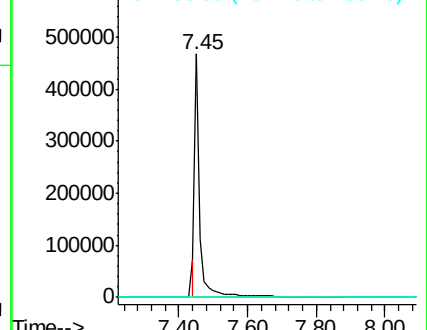
82 100

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: BF081992.D

Acq: 2 Oct 2015 21:35

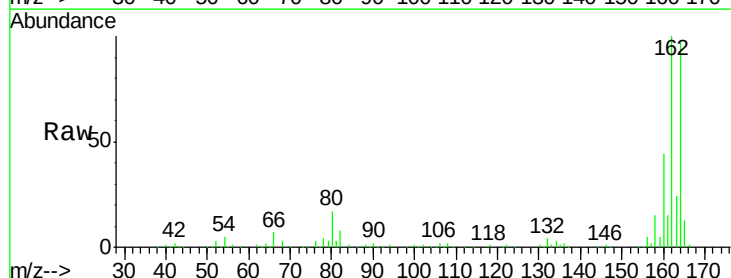
Tgt Ion: 164 Resp: 210923

Ion Ratio Lower Upper

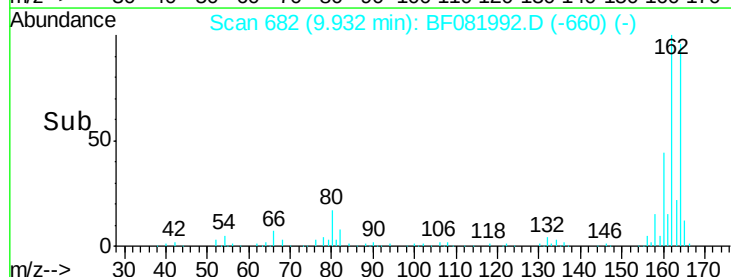
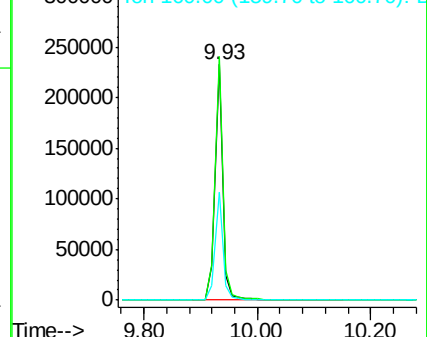
164 100

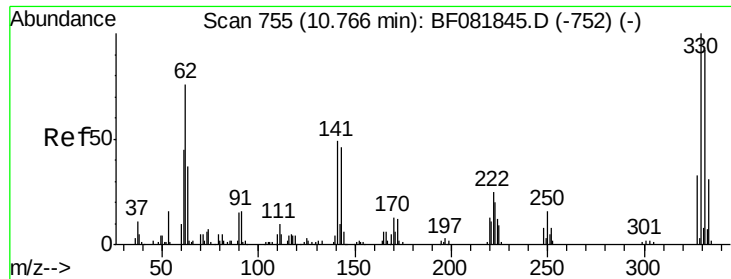
162 103.4 75.2 112.8

160 45.7 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

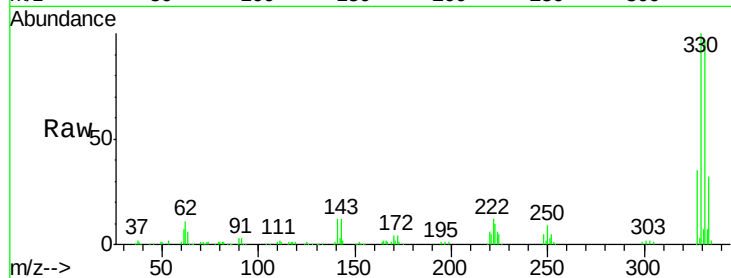




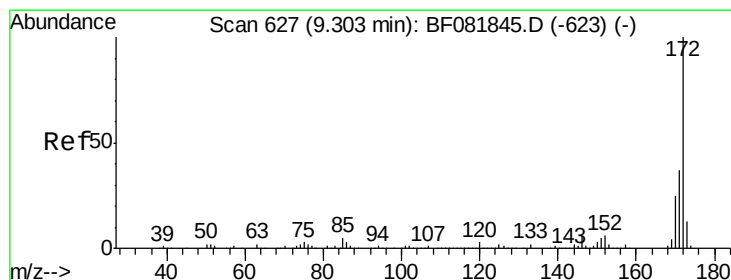
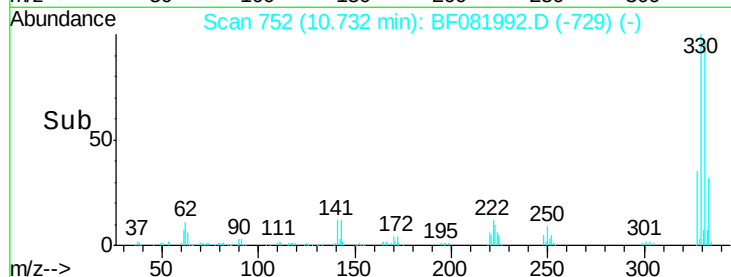
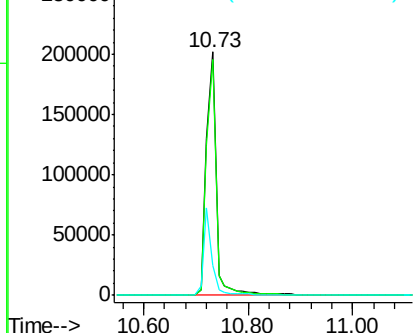
#41
 2,4,6-Tribromophenol
 Concen: 125.25 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081992.D
 Acq: 2 Oct 2015 21:35

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

Tgt Ion:330 Resp: 267551
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 30.8 29.7 44.5

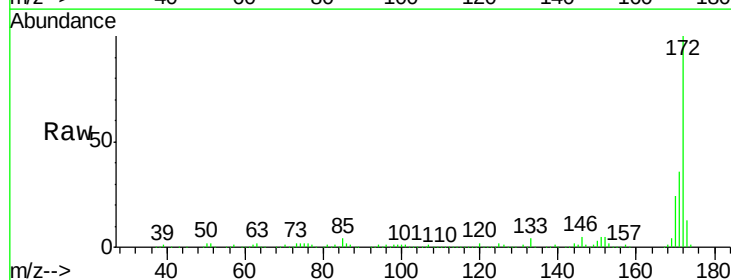


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

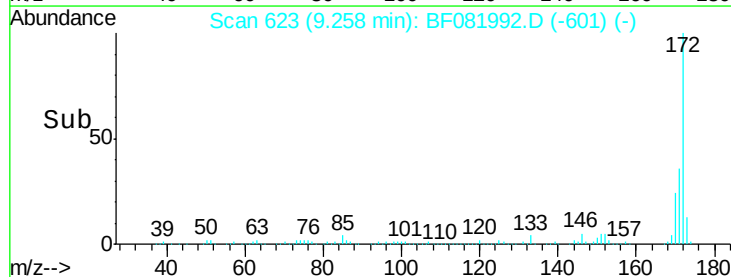
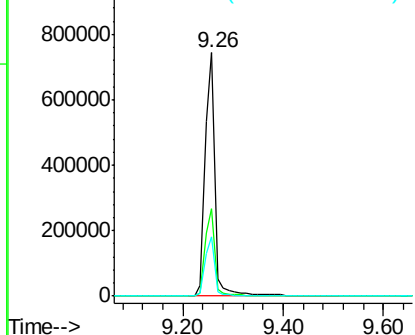


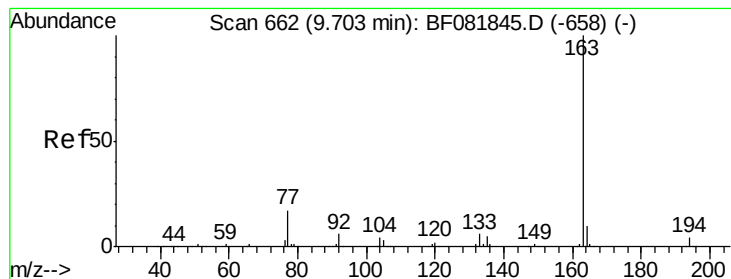
#44
 2-Fluorobiphenyl
 Concen: 80.24 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081992.D
 Acq: 2 Oct 2015 21:35

Tgt Ion:172 Resp: 1022504
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 24.3 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: 18.41 ng

RT: 9.65 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF081992.D

Acq: 2 Oct 2015 21:35

Instrument :

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OS-SB-24(16-18)A

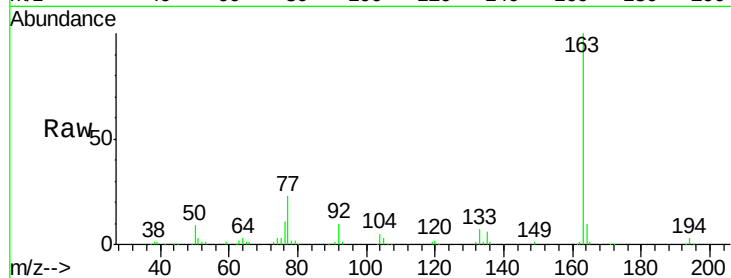
Tgt Ion:163 Resp: 267995

Ion Ratio Lower Upper

163 100

194 3.1 4.4 6.6#

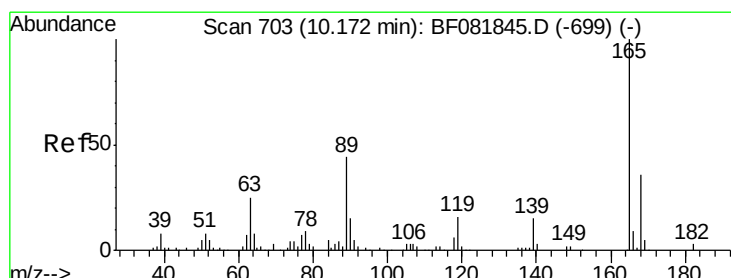
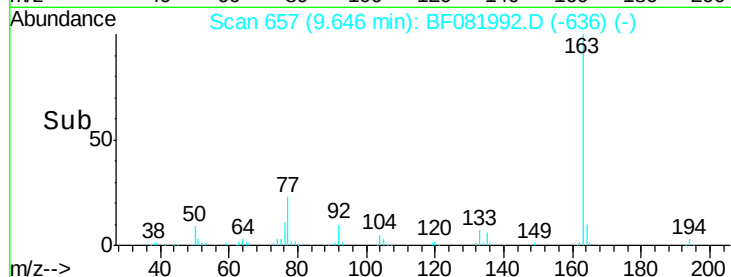
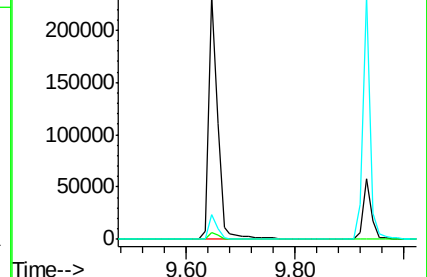
164 10.3 8.3 12.5



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: 6.57 ng

RT: 9.93 min Scan# 682

Delta R.T. -0.24 min

Lab File: BF081992.D

Acq: 2 Oct 2015 21:35

Tgt Ion:165 Resp: 26489

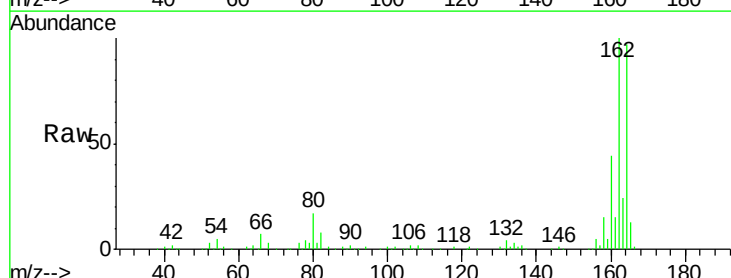
Ion Ratio Lower Upper

165 100

63 1.4 29.8 44.6#

89 1.2 44.5 66.7#

182 0.0 3.0 4.4#

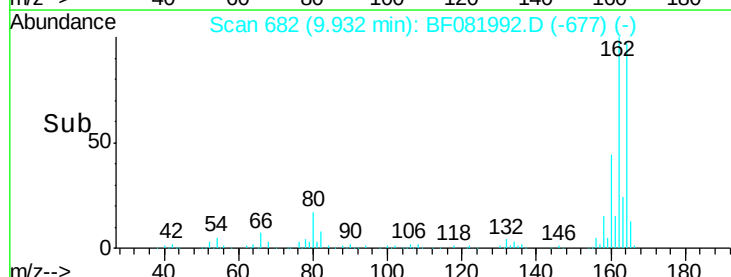
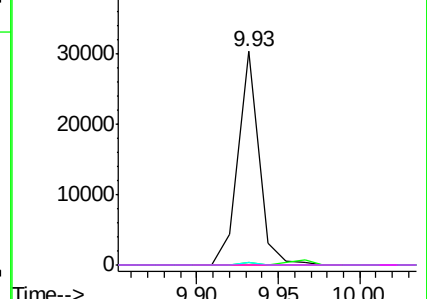


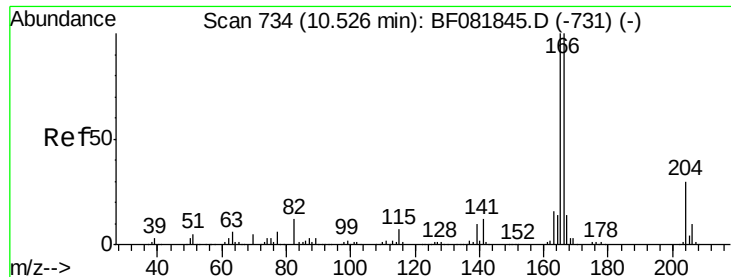
Abundance Ion 165.00 (164.70 to 165.70): E

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

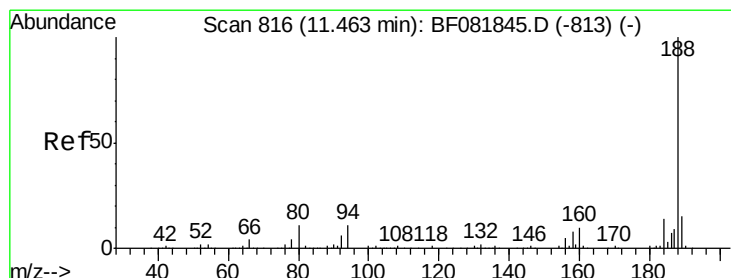
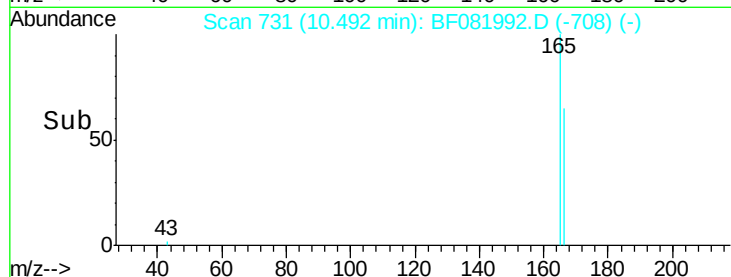
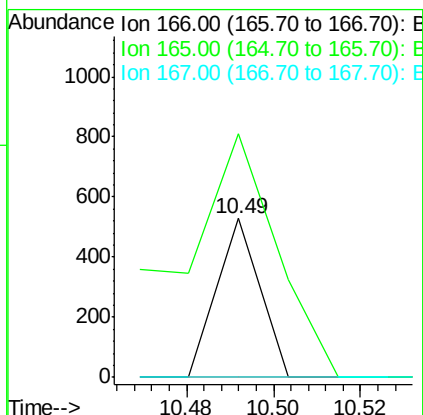
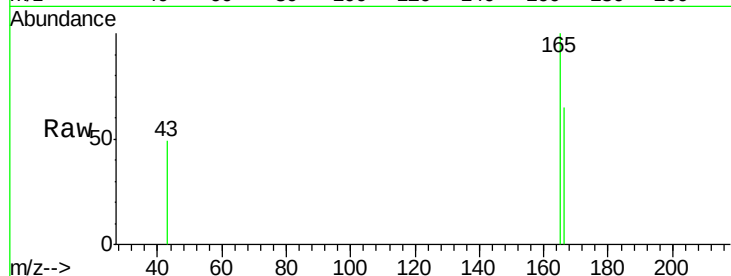




#57
Fluorene
Concen: Below Cal
RT: 10.49 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF081992.D
Acq: 2 Oct 2015 21:35

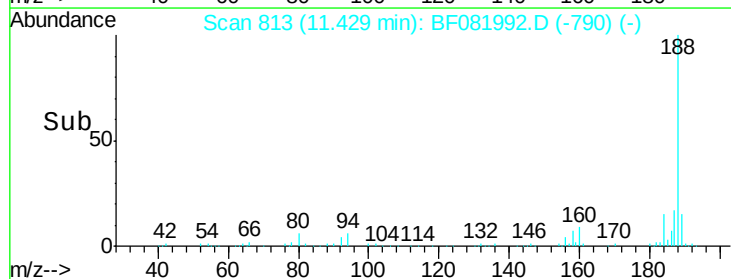
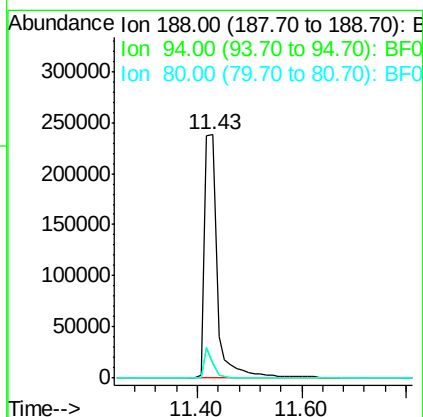
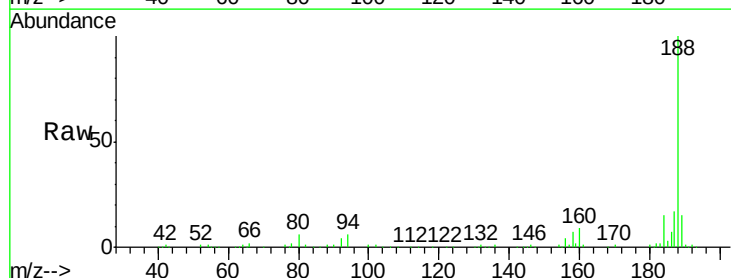
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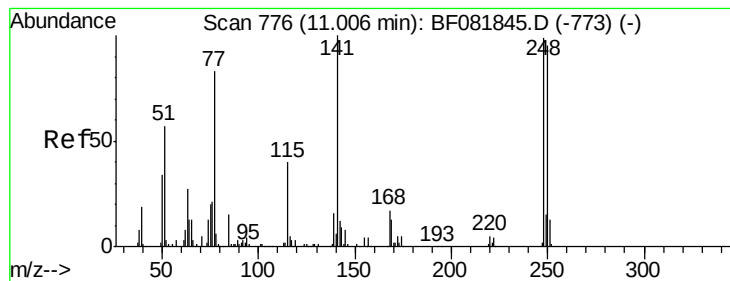
Tgt Ion:166 Resp: 362
Ion Ratio Lower Upper
166 100
165 153.4 72.6 109.0#
167 0.0 10.6 16.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081992.D
Acq: 2 Oct 2015 21:35

Tgt Ion:188 Resp: 412253
Ion Ratio Lower Upper
188 100
94 6.1 11.1 16.7#
80 6.3 11.0 16.4#





#66

4-Bromophenyl-phenylether

Concen: 3.91 ng

RT: 10.72 min Scan# 751

Delta R.T. -0.29 min

Lab File: BF081992.D

Acq: 2 Oct 2015 21:35

Instrument :

BNA_F

ClientSampleId :

OS-SB-24(16-18)A

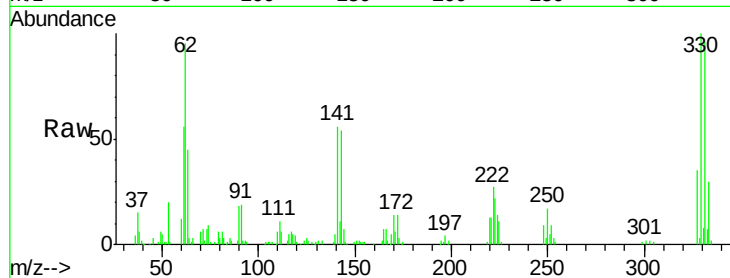
Tgt Ion:248 Resp: 16247

Ion Ratio Lower Upper

248 100

250 191.3 78.5 117.7#

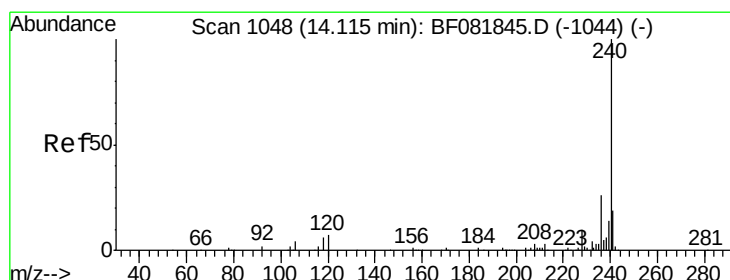
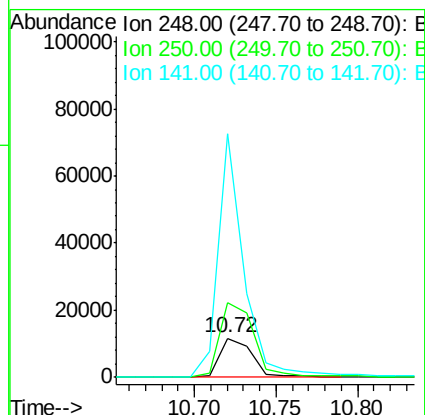
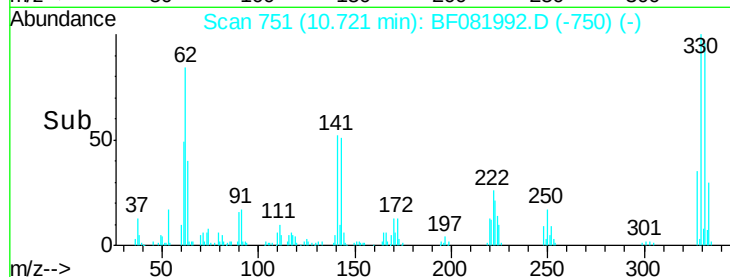
141 619.4 59.0 88.6#



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: 14.07 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF081992.D

Acq: 2 Oct 2015 21:35

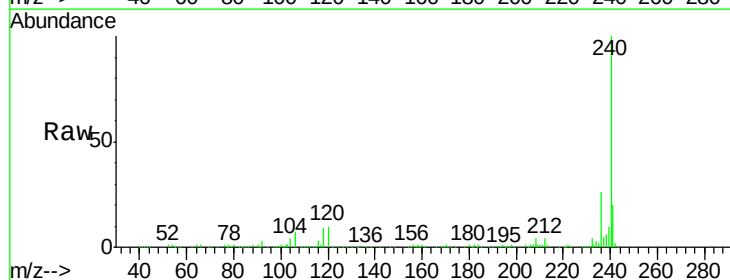
Tgt Ion:240 Resp: 452376

Ion Ratio Lower Upper

240 100

120 10.0 16.2 24.2#

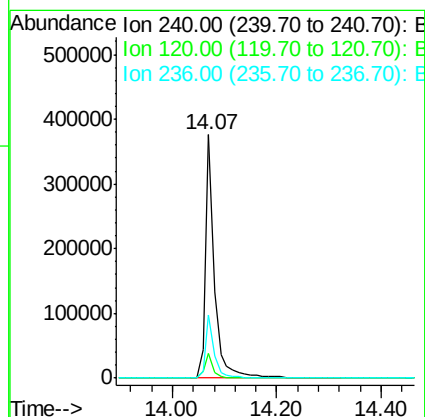
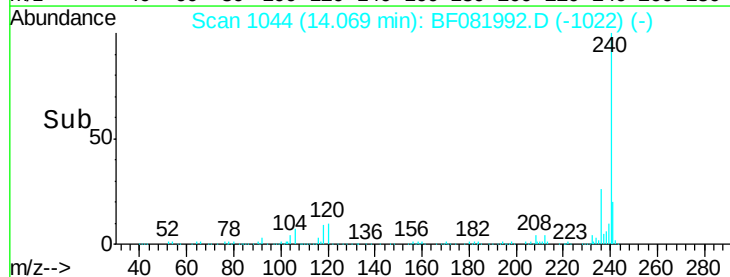
236 26.1 18.4 27.6

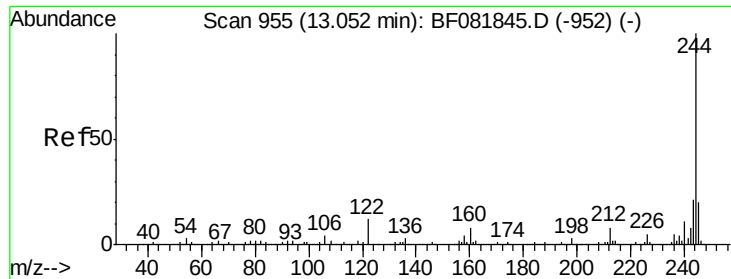


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

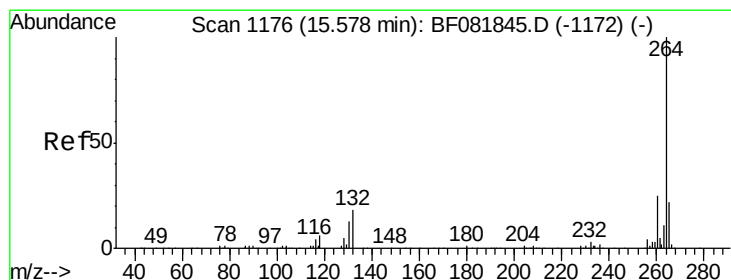
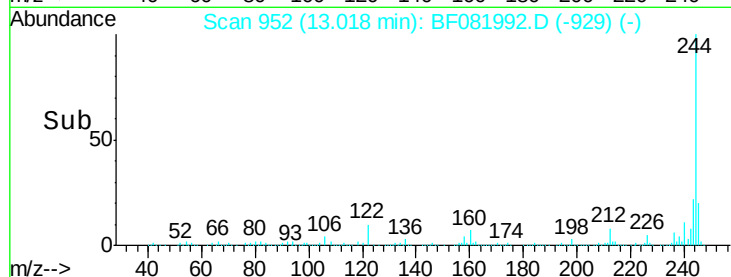
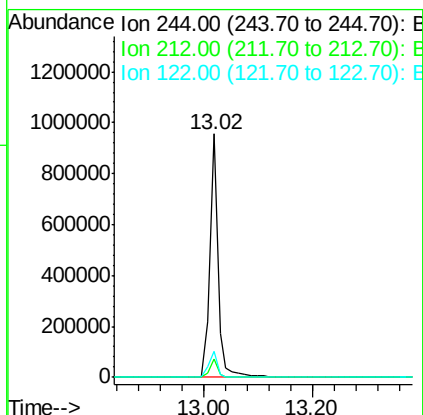
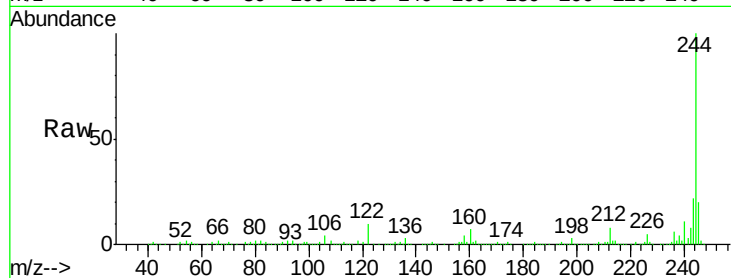




#78
 Terphenyl-d14
 Concen: 67.90 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF081992.D
 Acq: 2 Oct 2015 21:35

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

Tgt Ion:244 Resp: 1005342
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 10.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF081992.D
 Acq: 2 Oct 2015 21:35

Tgt Ion:264 Resp: 353509
 Ion Ratio Lower Upper
 264 100
 260 24.0 16.7 25.1
 265 21.3 17.2 25.8

