

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081347.D
 Acq On : 2 Sep 2015 14:26
 Operator : UM/IZ
 Sample : G3480-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)

Quant Time: Sep 02 23:01:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

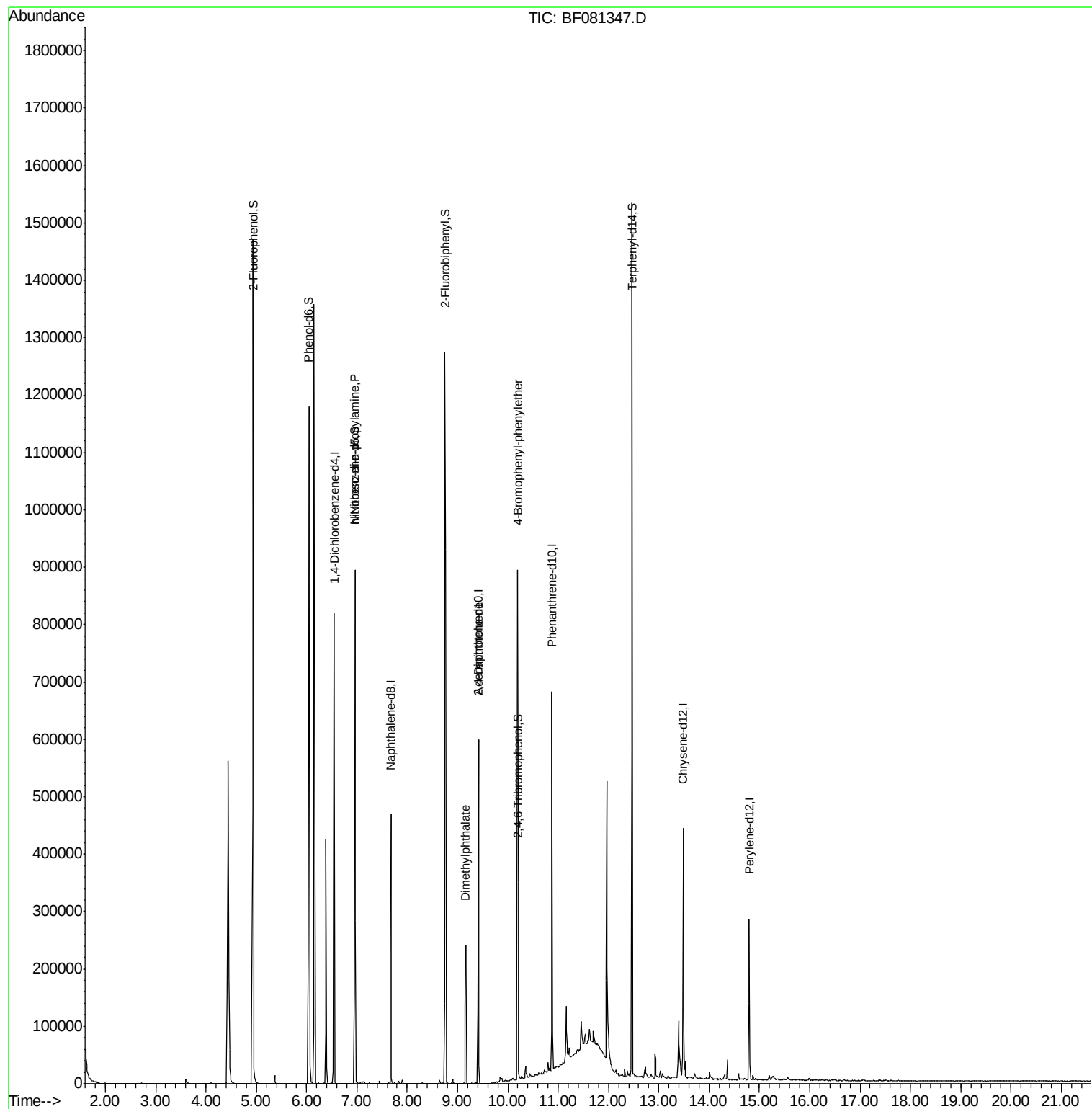
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	184211	20.00	ng	0.16
21) Naphthalene-d8	7.68	136	232413	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	110730	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	217511	20.00	ng	0.00
75) Chrysene-d12	13.49	240	149020	20.00	ng	-0.01
86) Perylene-d12	14.80	264	119105	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	375735	31.65	ng	0.01
7) Phenol-d6	6.04	99	549654	34.97	ng	-0.01
23) Nitrobenzene-d5	6.96	82	309859	64.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.20	330	94005	95.35	ng	0.00
44) 2-Fluorobiphenyl	8.75	172	551732	63.85	ng	-0.01
78) Terphenyl-d14	12.47	244	473453	73.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.96	70	39745	3.72	ng	# 65
49) Dimethylphthalate	9.16	163	115527	13.43	ng	# 96
56) 2,4-Dinitrotoluene	9.42	165	14370	5.78	ng	# 31
66) 4-Bromophenyl-phenylether	10.19	248	6555	2.98	ng	# 1

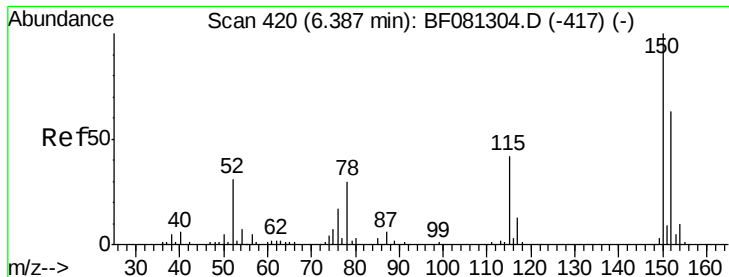
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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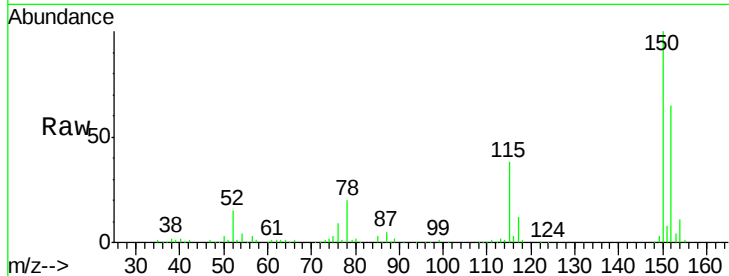


#1

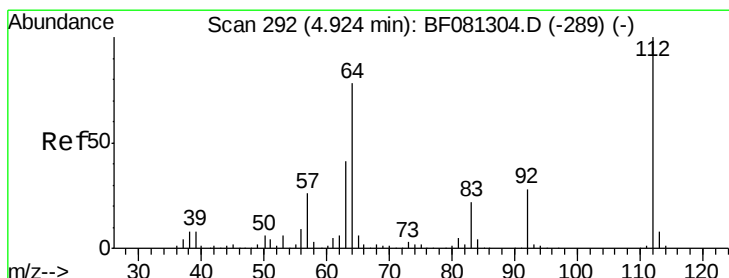
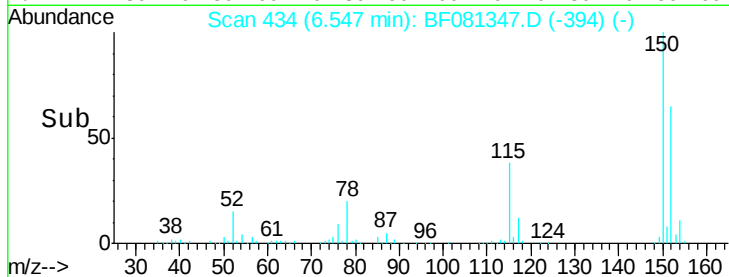
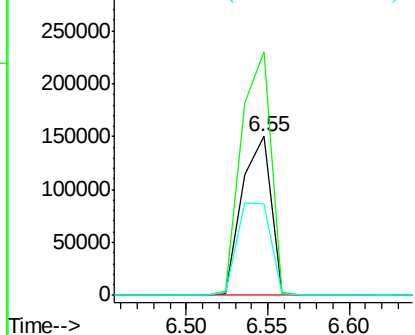
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.16 min
Lab File: BF081347.D
Acq: 2 Sep 2015 14:26

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.7	187.1
115	57.7	39.0	58.4



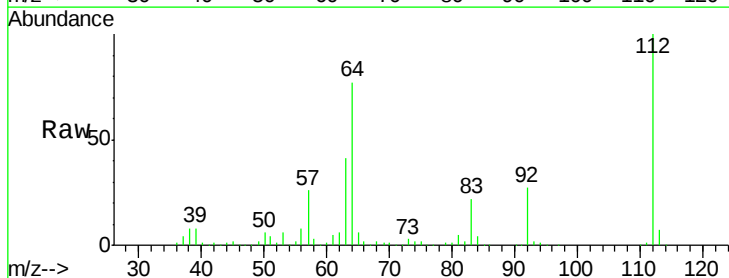
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



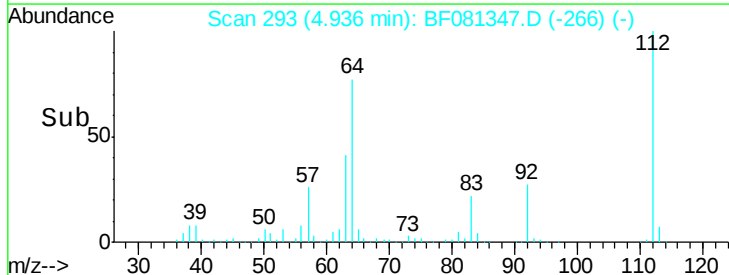
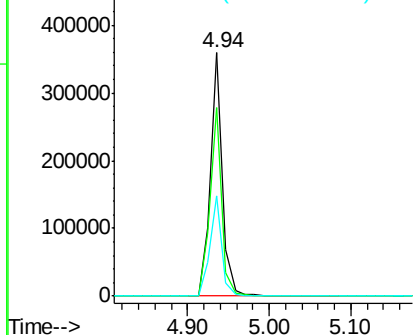
#5

2-Fluorophenol
Concen: 31.65 ng
RT: 4.94 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF081347.D
Acq: 2 Sep 2015 14:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.5	39.7	59.5#
63	41.1	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: 34.97 ng

RT: 6.04 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF081347.D

Acq: 2 Sep 2015 14:26

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)

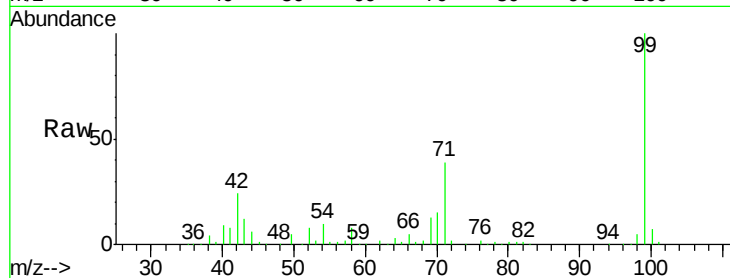
Tot Ion: 99 Resp: 549654

Ion Ratio Lower Upper

99 100

42 23.6 13.7 20.5#

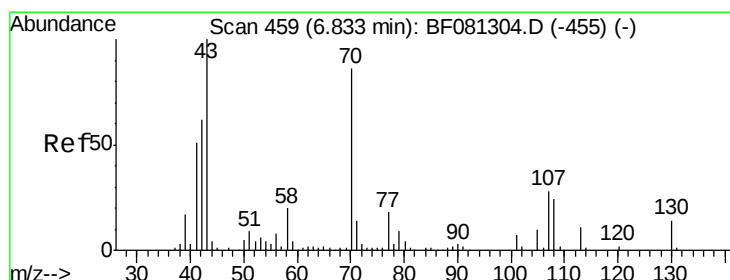
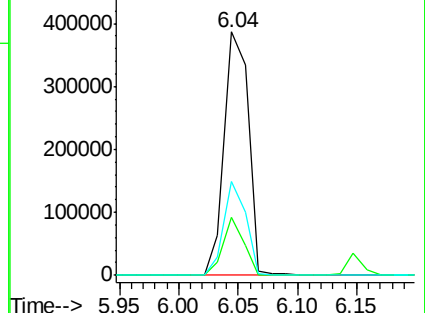
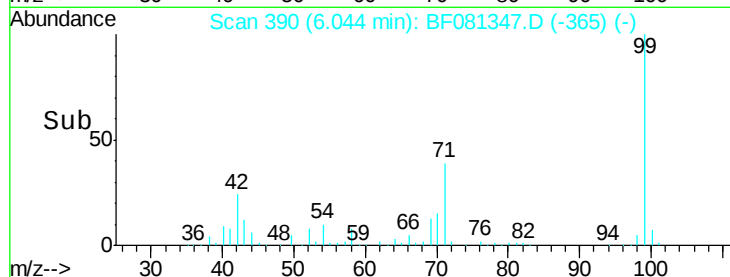
71 38.5 14.2 21.2#



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: 3.72 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.13 min

Lab File: BF081347.D

Acq: 2 Sep 2015 14:26

Tgt Ion: 70 Resp: 39745

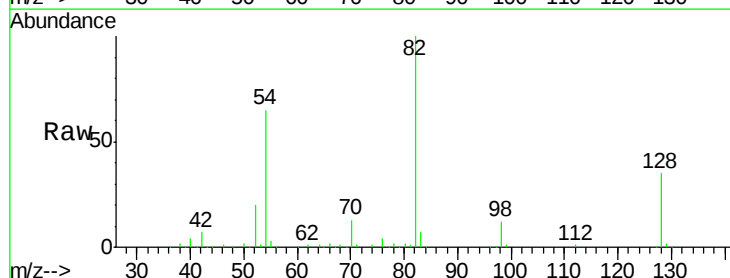
Ion Ratio Lower Upper

70 100

42 55.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

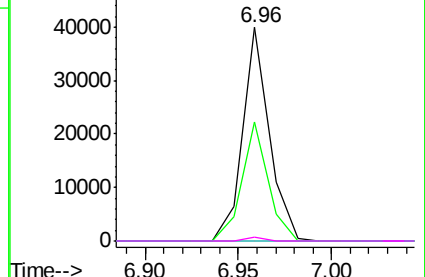
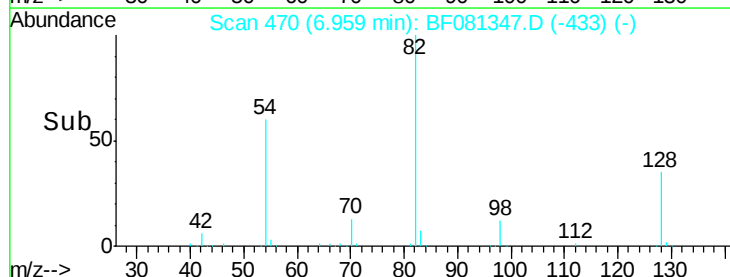


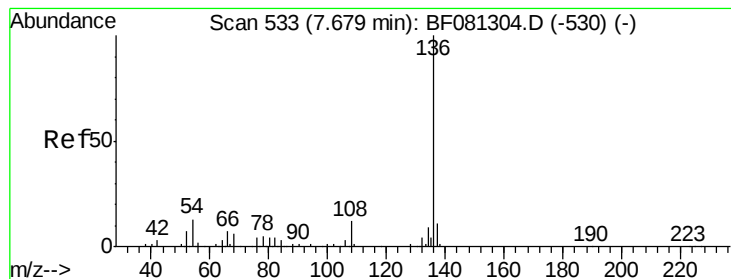
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF081347.D

Acq: 2 Sep 2015 14:26

Instrument :

BNA_F

ClientSampleId :

COFF-2-20(0-2)

Tot Ion:136 Resp: 232413

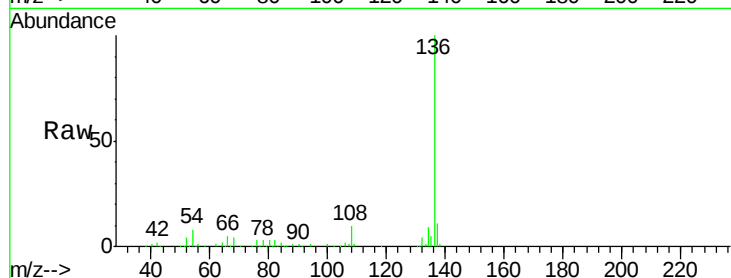
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 8.4 8.2 12.2

68 4.0 5.8 8.6#

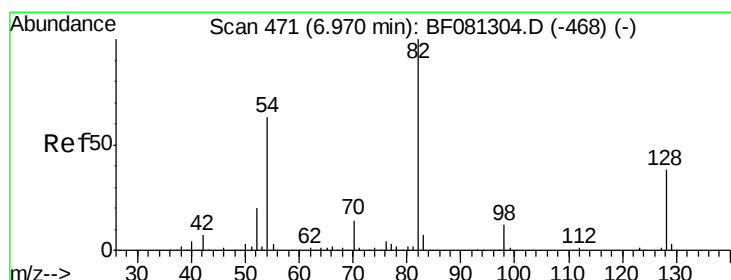
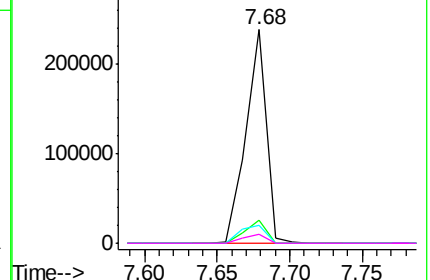
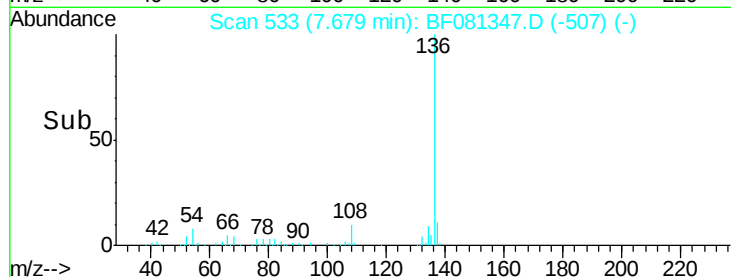


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.32 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF081347.D

Acq: 2 Sep 2015 14:26

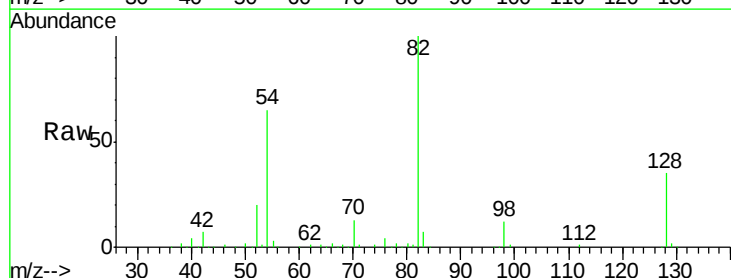
Tgt Ion: 82 Resp: 309859

Ion Ratio Lower Upper

82 100

128 35.1 51.0 76.6#

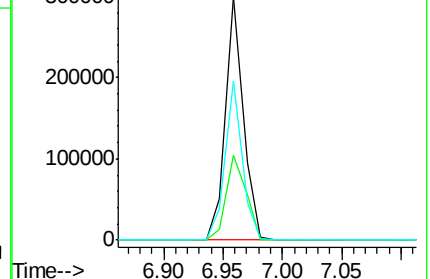
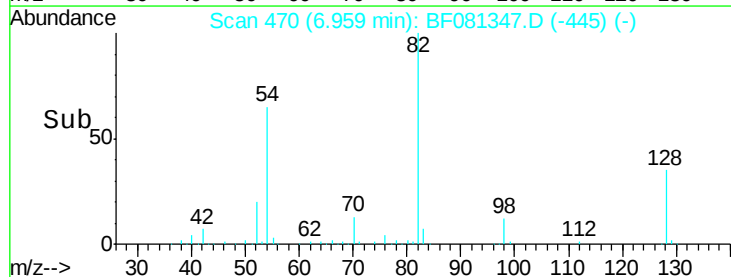
54 65.5 47.5 71.3

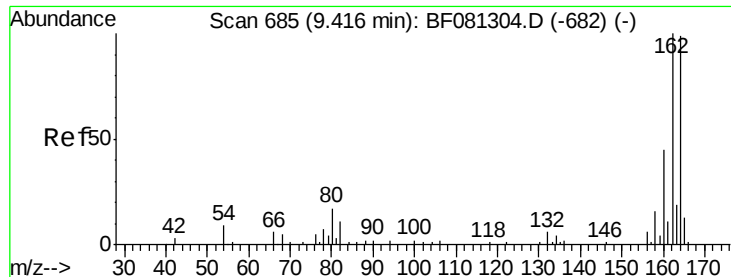


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

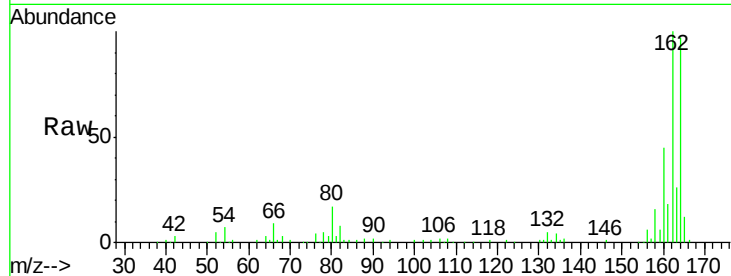




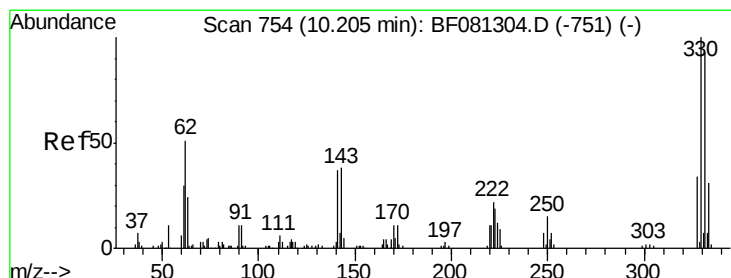
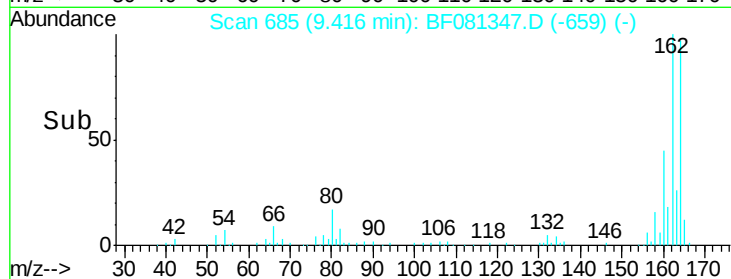
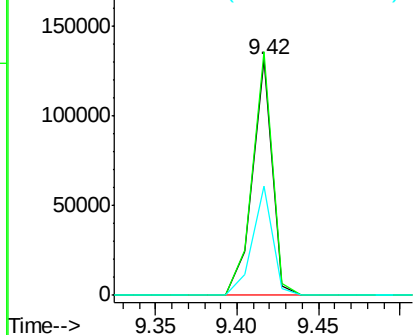
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF081347.D
 Acq: 2 Sep 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)

Tot Ion:164 Resp: 110730
 Ion Ratio Lower Upper
 164 100
 162 103.4 75.2 112.8
 160 46.5 31.5 47.3

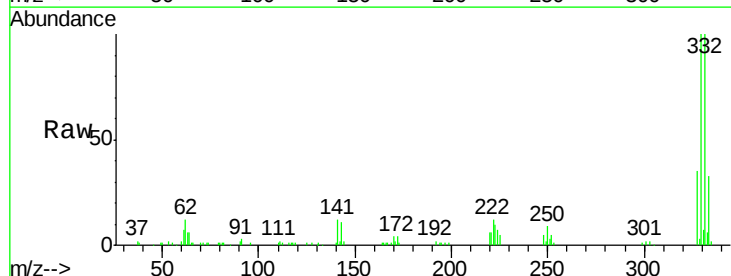


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

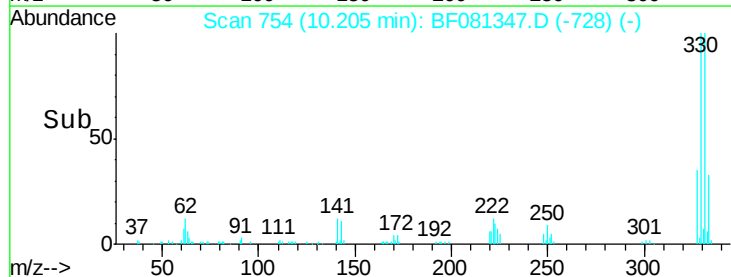
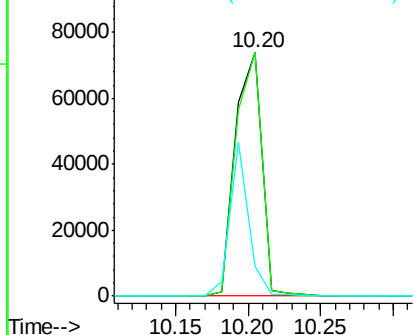


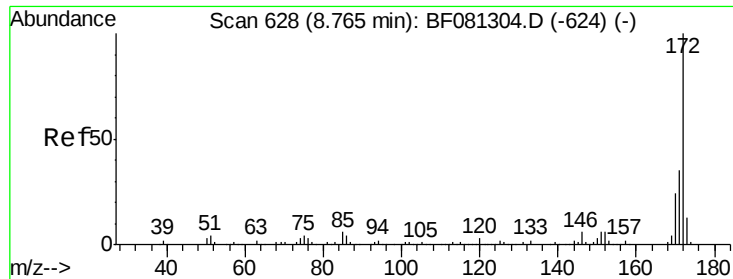
#41
 2,4,6-Tribromophenol
 Concen: 95.35 ng
 RT: 10.20 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: BF081347.D
 Acq: 2 Sep 2015 14:26

Tgt Ion:330 Resp: 94005
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 44.8 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

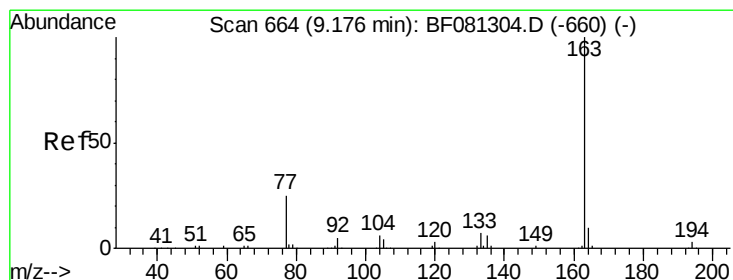
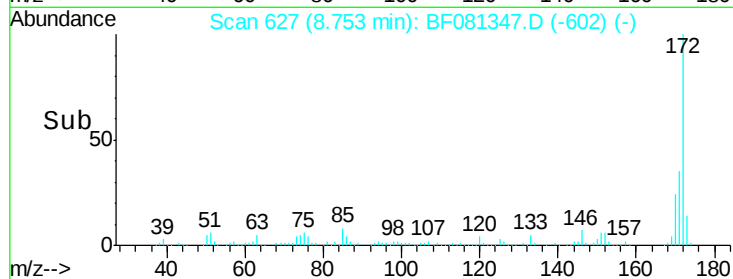
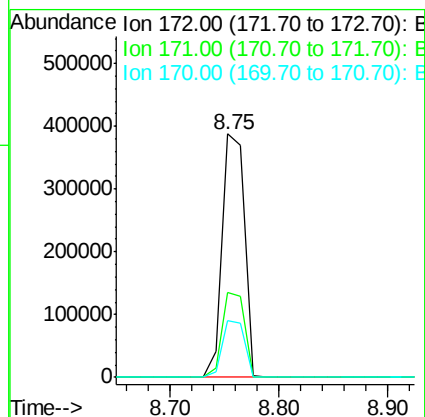
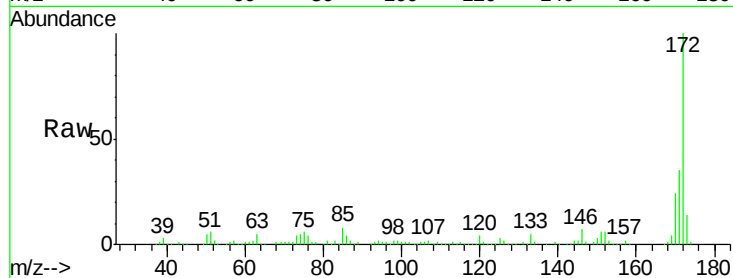




#44
2-Fluorobiphenyl
Concen: 63.85 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081347.D
Acq: 2 Sep 2015 14:26

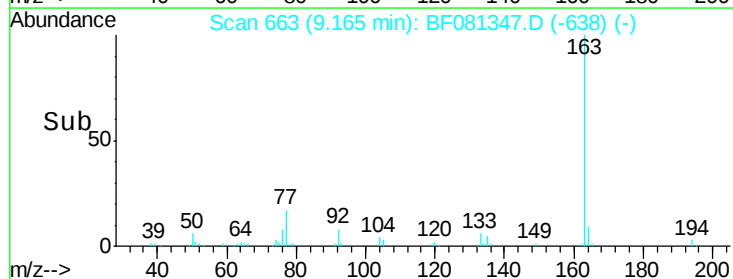
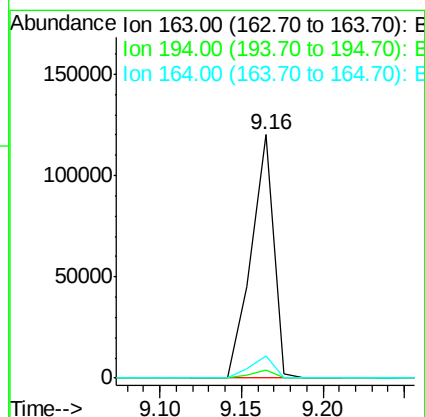
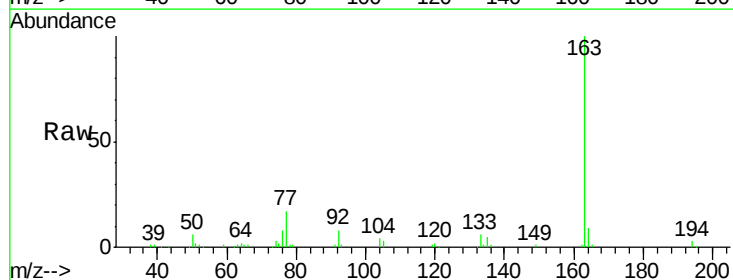
Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)

Tot Ion:172 Resp: 551732
Ion Ratio Lower Upper
172 100
171 35.0 26.1 39.1
170 23.6 17.4 26.2



#49
Dimethylphthalate
Concen: 13.43 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF081347.D
Acq: 2 Sep 2015 14:26

Tgt Ion:163 Resp: 115527
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 9.3 8.3 12.5

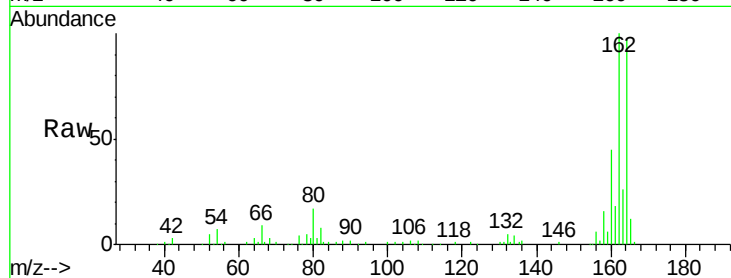




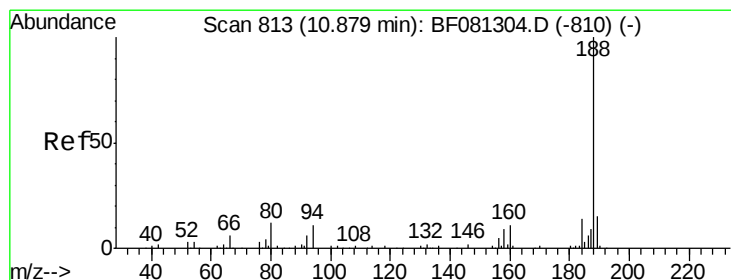
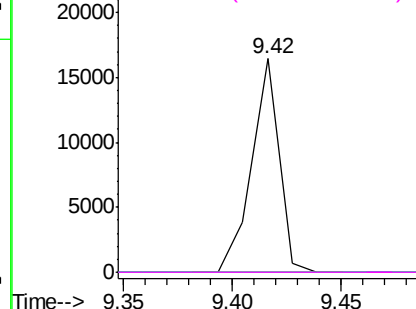
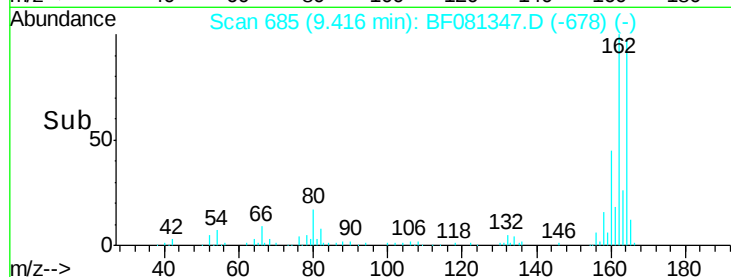
#56
 2,4-Dinitrotoluene
 Concen: 5.78 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.22 min
 Lab File: BF081347.D
 Acq: 2 Sep 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)

Tot Ion:165 Resp: 14370
 Ion Ratio Lower Upper
 165 100
 63 0.0 29.8 44.6#
 89 0.0 44.5 66.7#
 182 0.0 3.0 4.4#

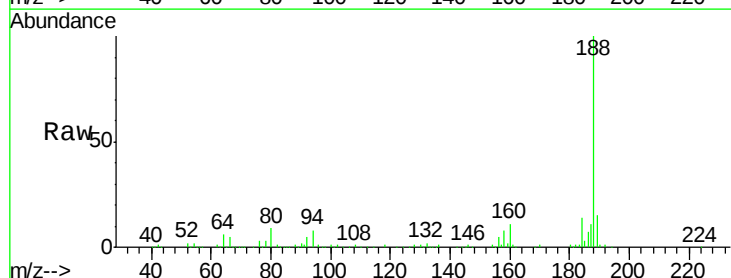


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

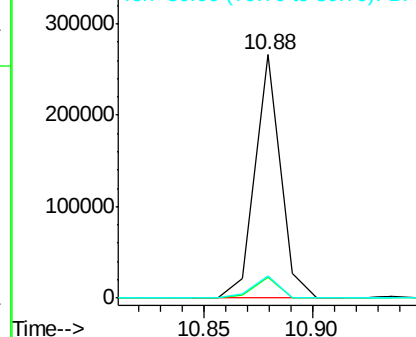
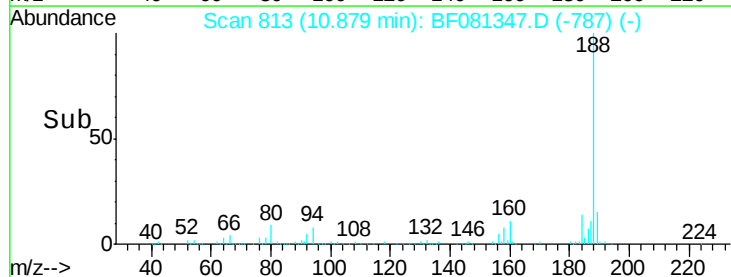


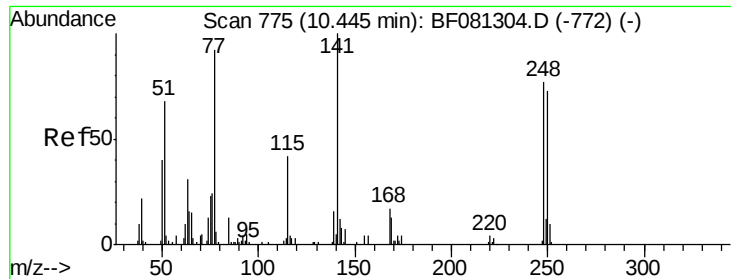
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.88 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF081347.D
 Acq: 2 Sep 2015 14:26

Tgt Ion:188 Resp: 217511
 Ion Ratio Lower Upper
 188 100
 94 8.4 11.1 16.7#
 80 9.3 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

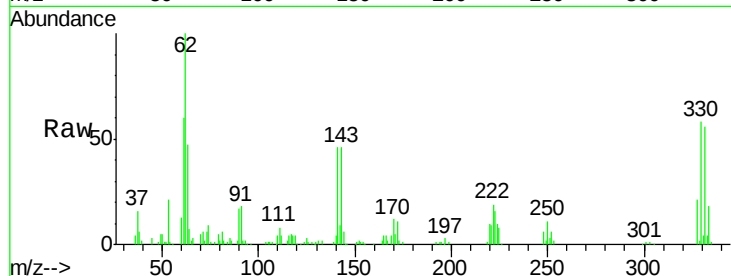




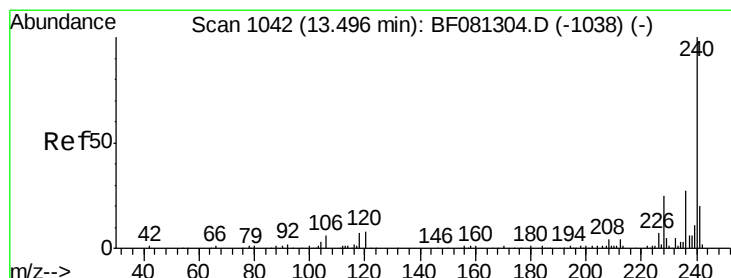
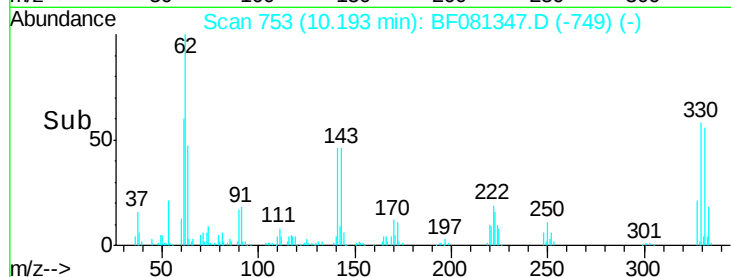
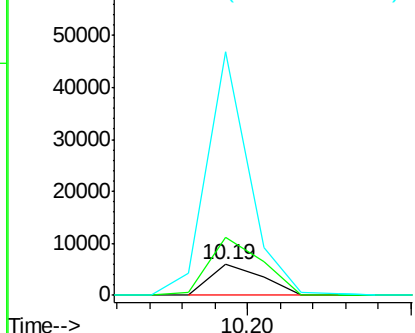
#66
4-Bromophenyl-phenylether
Concen: 2.98 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.25 min
Lab File: BF081347.D
Acq: 2 Sep 2015 14:26

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)

Tot Ion:248 Resp: 6555
Ion Ratio Lower Upper
248 100
250 188.1 78.5 117.7#
141 783.0 59.0 88.6#

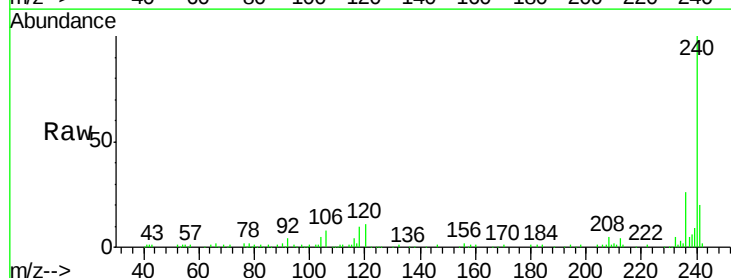


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

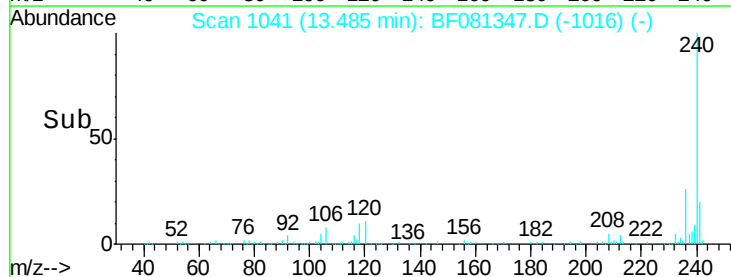
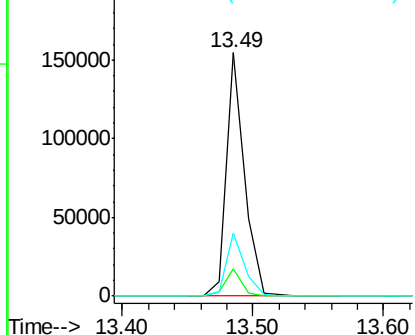


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081347.D
Acq: 2 Sep 2015 14:26

Tgt Ion:240 Resp: 149020
Ion Ratio Lower Upper
240 100
120 11.4 16.2 24.2#
236 26.2 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

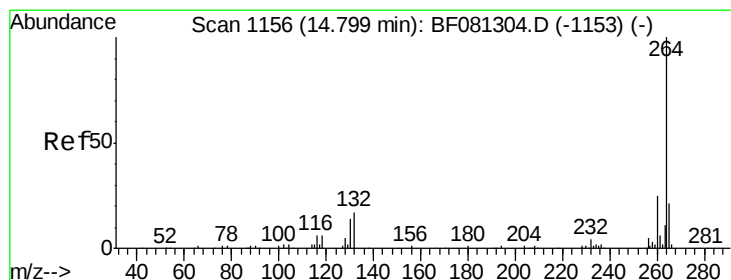
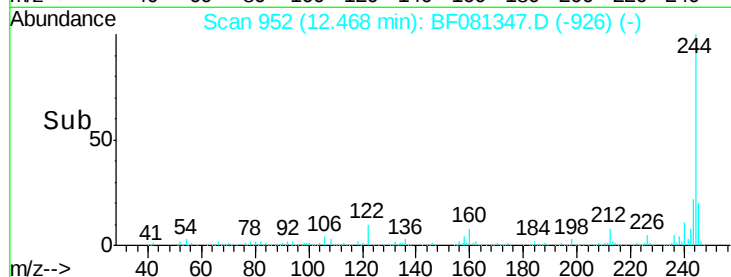
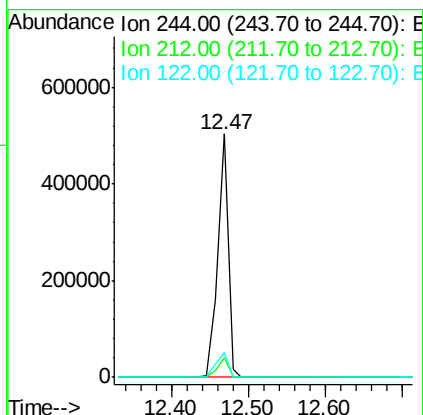
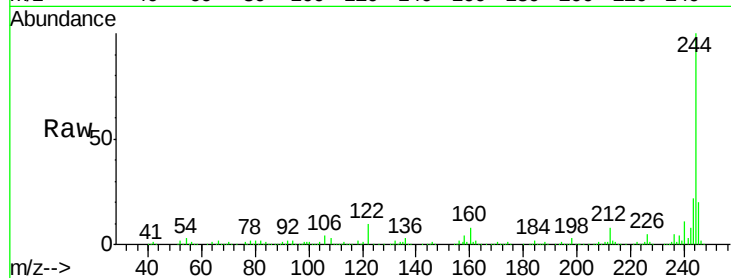




#78
 Terphenyl-d14
 Concen: 73.96 ng
 RT: 12.47 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF081347.D
 Acq: 2 Sep 2015 14:26

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-20(0-2)

Tot Ion:244 Resp: 473453
 Ion Ratio Lower Upper
 244 100
 212 7.9 4.3 6.5#
 122 10.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF081347.D
 Acq: 2 Sep 2015 14:26

Tgt Ion:264 Resp: 119105
 Ion Ratio Lower Upper
 264 100
 260 22.7 16.7 25.1
 265 20.9 17.2 25.8

