

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
 Data File : BF081402.D
 Acq On : 4 Sep 2015 4:48
 Operator : UM/IZ
 Sample : G3481-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-24(0-2)

Quant Time: Sep 04 06:03:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 04 02:03:29 2015
 Response via : Initial Calibration

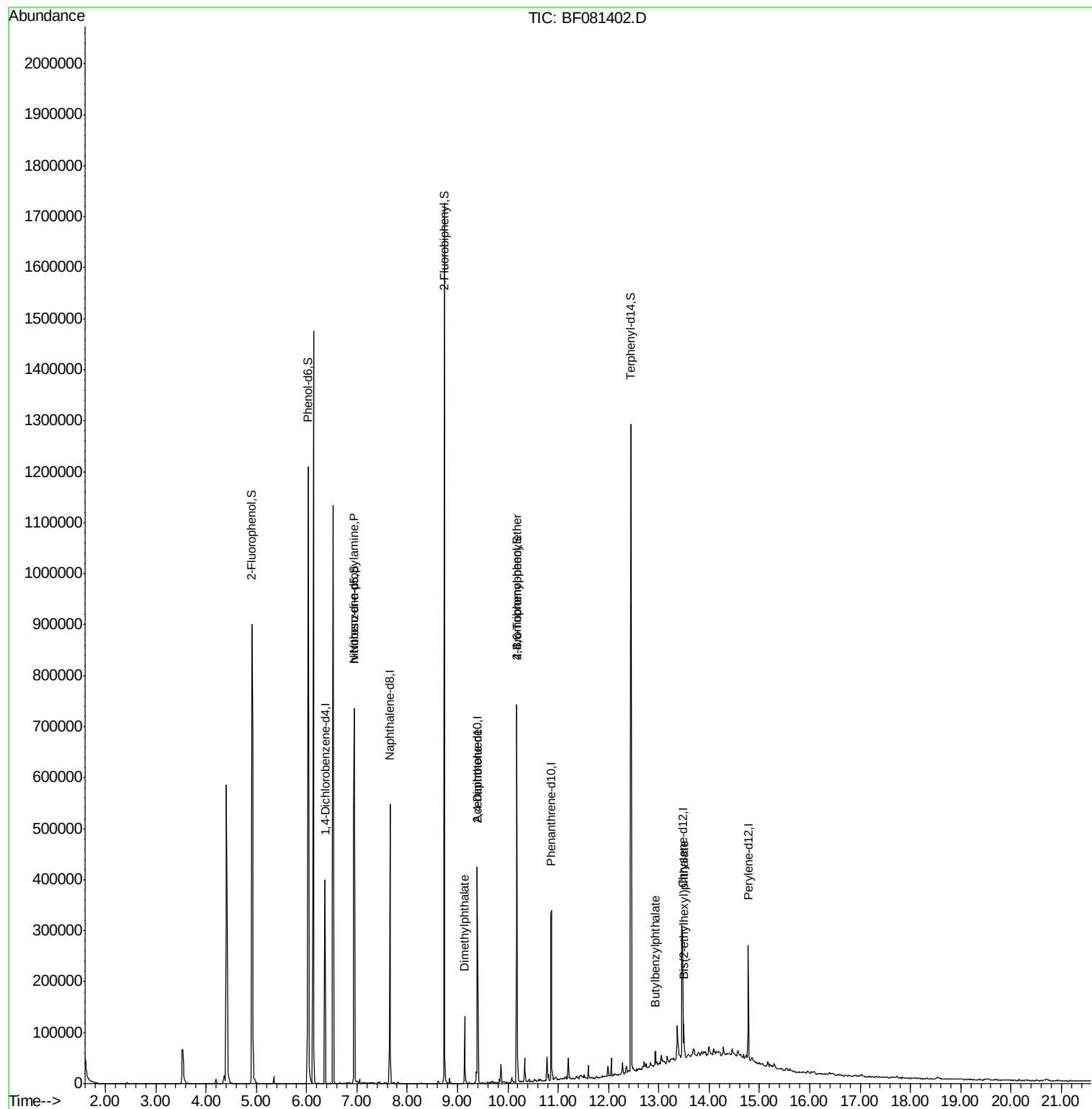
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	55072	20.00	ng	-0.01
21) Naphthalene-d8	7.66	136	220202	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	95535	20.00	ng	-0.01
63) Phenanthrene-d10	10.87	188	185287	20.00	ng	0.00
75) Chrysene-d12	13.47	240	133463	20.00	ng	0.00
86) Perylene-d12	14.78	264	87604	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	310693	87.53	ng	0.00
7) Phenol-d6	6.03	99	384485	81.83	ng	-0.01
23) Nitrobenzene-d5	6.95	82	300977	65.94	ng	0.00
41) 2,4,6-Tribromophenol	10.18	330	76449	89.87	ng	-0.01
44) 2-Fluorobiphenyl	8.74	172	519213	69.65	ng	-0.01
78) Terphenyl-d14	12.45	244	378336	65.99	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.95	70	40077	12.53	ng	# 58
49) Dimethylphthalate	9.14	163	50044	6.74	ng	# 96
56) 2,4-Dinitrotoluene	9.39	165	12200	5.69	ng	# 31
66) 4-Bromophenyl-phenylether	10.18	248	5679	3.03	ng	# 1
79) Butylbenzylphthalate	12.94	149	10894	2.53	ng	99
83) Bis(2-ethylhexyl)phthalate	13.50	149	12422	2.19	ng	# 88

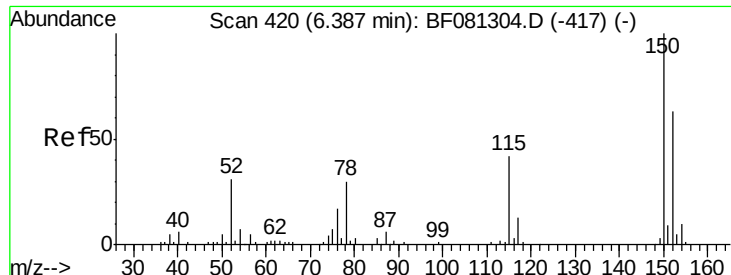
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 04 02:03:29 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081402.D

Acq: 4 Sep 2015 4:48

Instrument :

BNA_F

ClientSampleId :

COFF-2-24(0-2)

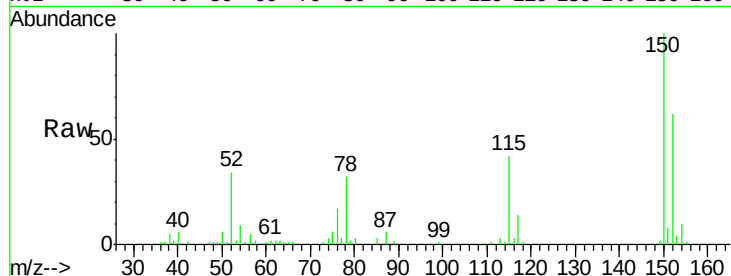
Tot Ion:152 Resp: 55072

Ion Ratio Lower Upper

152 100

150 161.8 124.7 187.1

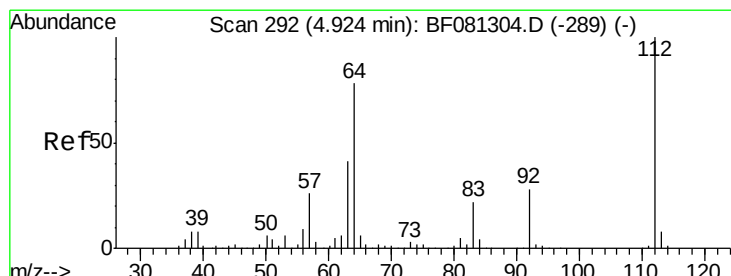
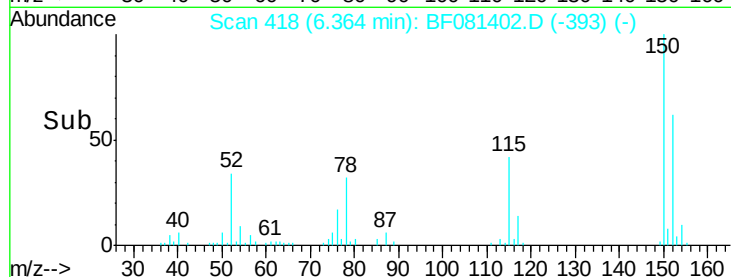
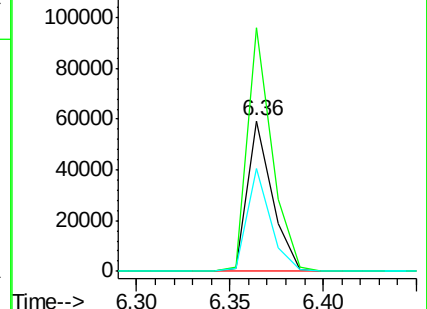
115 68.4 39.0 58.4#



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: 87.53 ng

RT: 4.91 min Scan# 291

Delta R.T. -0.00 min

Lab File: BF081402.D

Acq: 4 Sep 2015 4:48

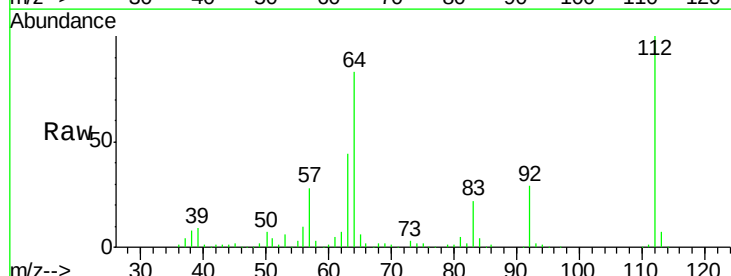
Tgt Ion:112 Resp: 310693

Ion Ratio Lower Upper

112 100

64 83.1 39.7 59.5#

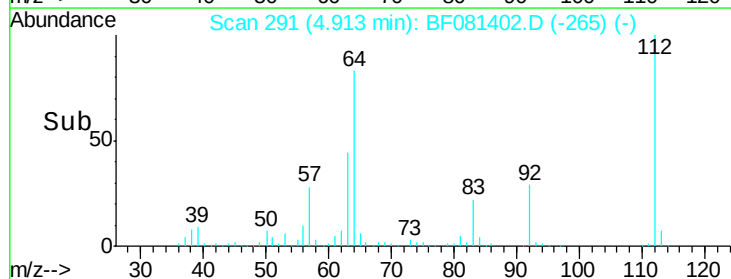
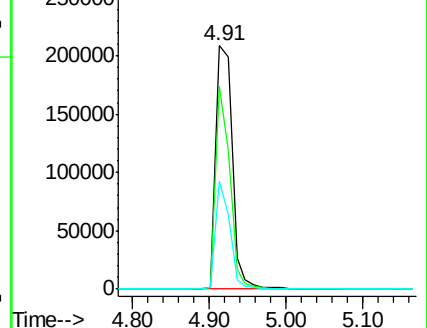
63 44.1 17.4 26.0#

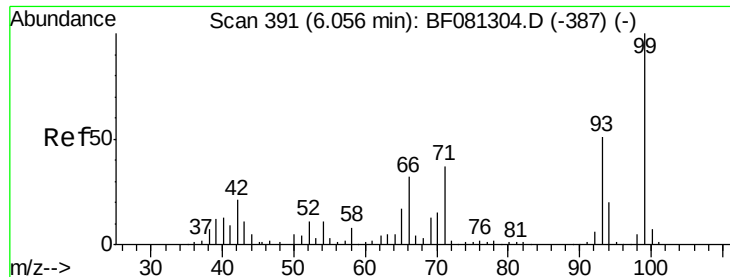


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.83 ng

RT: 6.03 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF081402.D

Acq: 4 Sep 2015 4:48

Instrument :

BNA_F

ClientSampleId :

COFF-2-24(0-2)

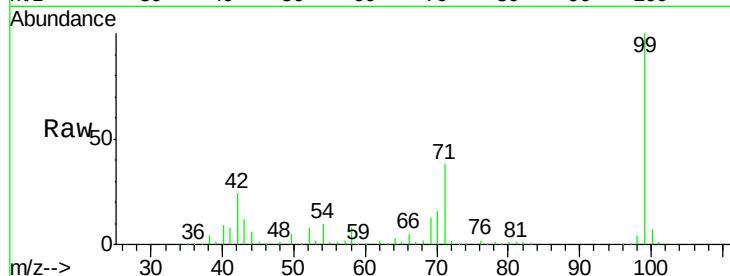
Tot Ion: 99 Resp: 384485

Ion Ratio Lower Upper

99 100

42 23.8 13.7 20.5#

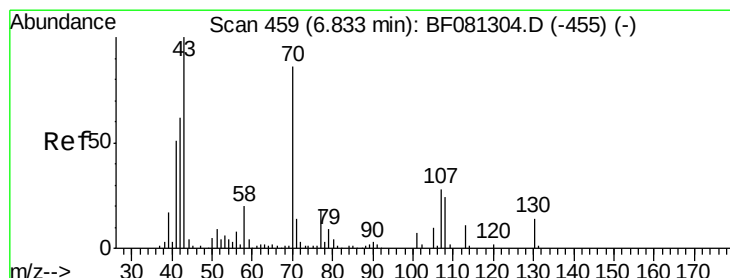
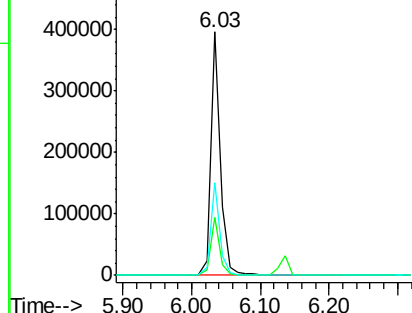
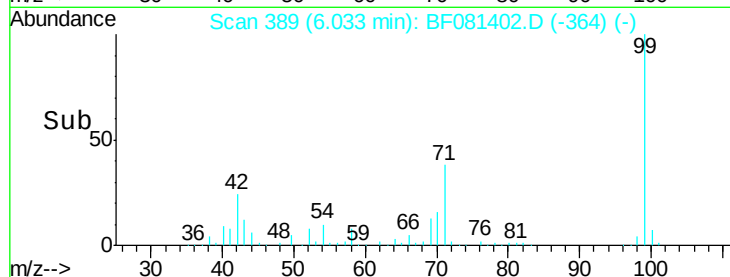
71 37.8 14.2 21.2#



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: 12.53 ng

RT: 6.95 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF081402.D

Acq: 4 Sep 2015 4:48

Tgt Ion: 70 Resp: 40077

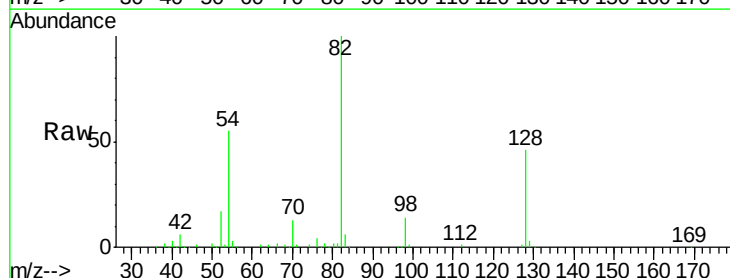
Ion Ratio Lower Upper

70 100

42 45.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

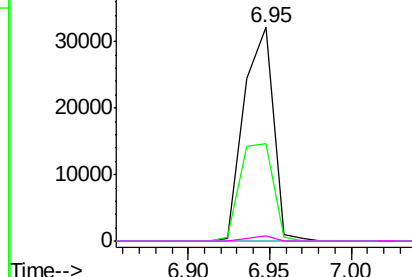
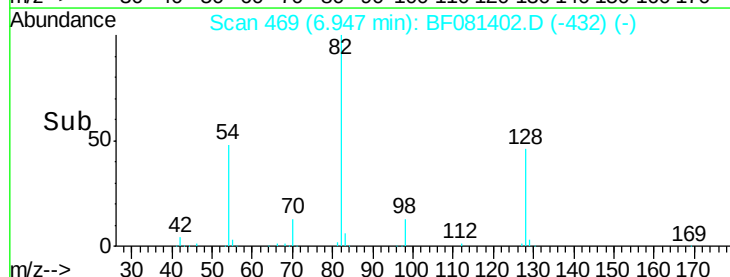


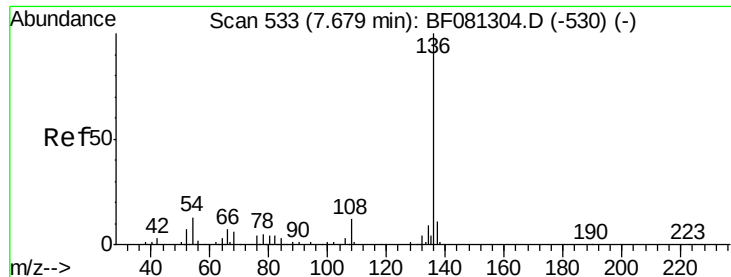
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.66 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF081402.D

Acq: 4 Sep 2015 4:48

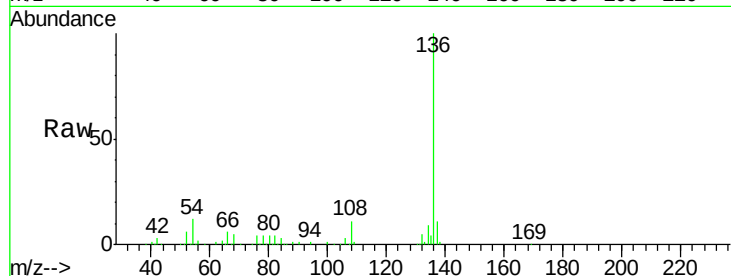
Instrument :

BNA_F

ClientSampleId :

COFF-2-24(0-2)

Tot Ion:136	Resp:	220202
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.6
54	11.7	8.2 12.2
68	5.3	5.8 8.6#

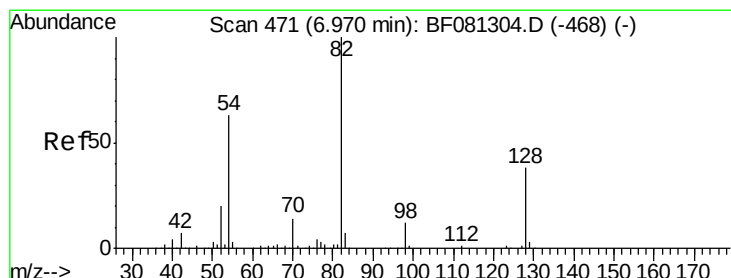
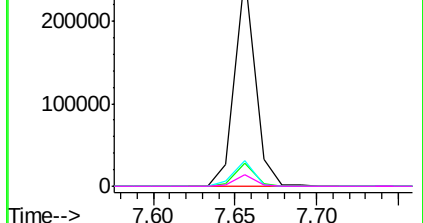
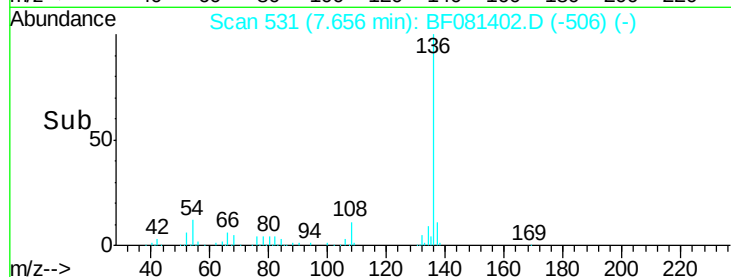


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.94 ng

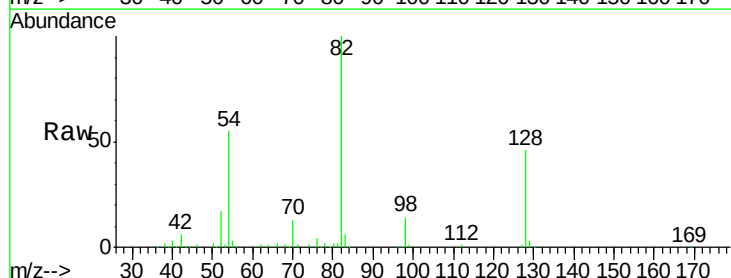
RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF081402.D

Acq: 4 Sep 2015 4:48

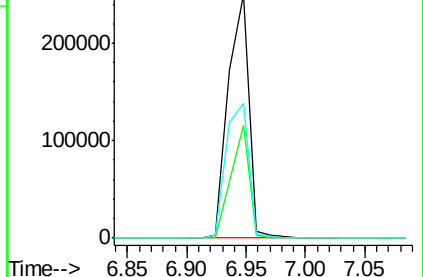
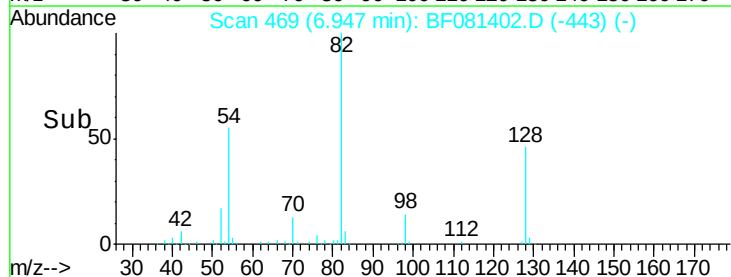
Tgt Ion: 82	Resp:	300977
Ion Ratio	Lower	Upper
82	100	
128	46.5	51.0 76.6#
54	55.3	47.5 71.3

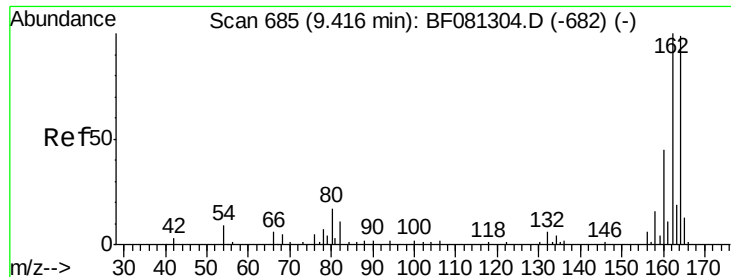


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

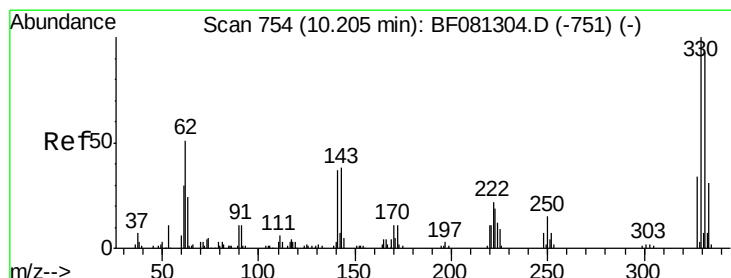
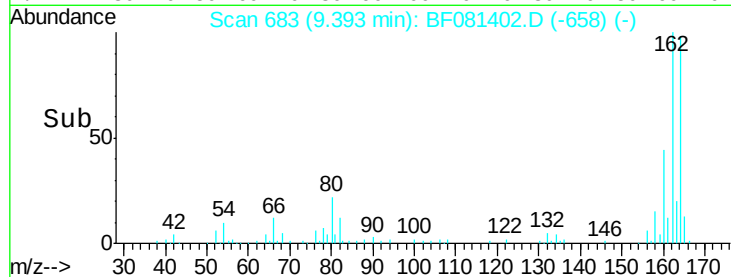
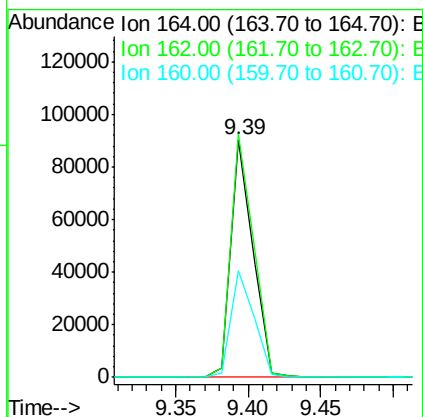
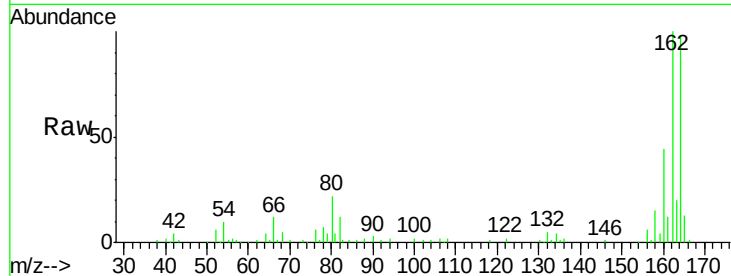




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.01 min
 Lab File: BF081402.D
 Acq: 4 Sep 2015 4:48

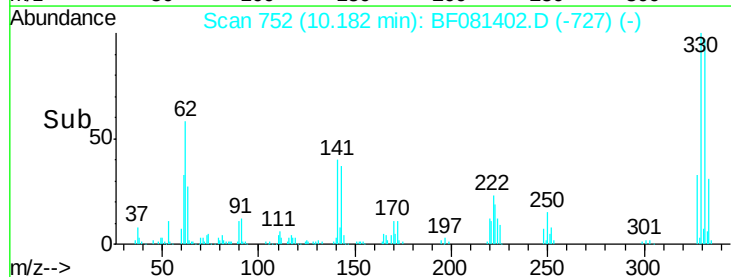
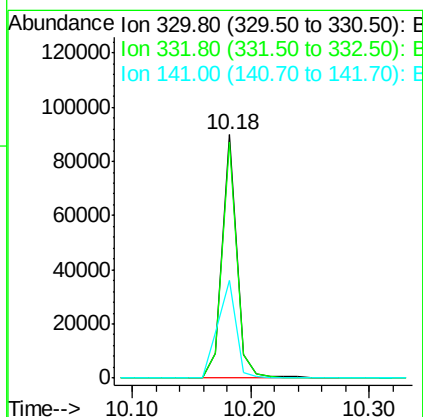
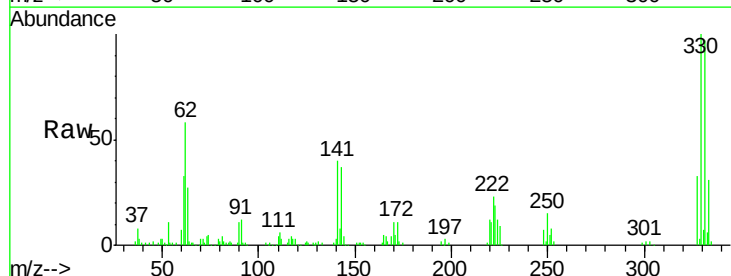
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-24(0-2)

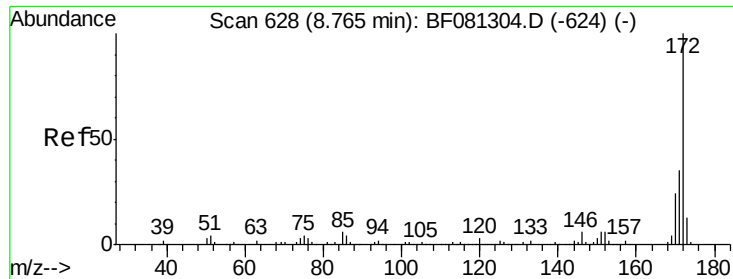
Tot Ion:164 Resp: 95535
 Ion Ratio Lower Upper
 164 100
 162 102.6 75.2 112.8
 160 45.0 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 89.87 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BF081402.D
 Acq: 4 Sep 2015 4:48

Tgt Ion:330 Resp: 76449
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 49.5 29.7 44.5#

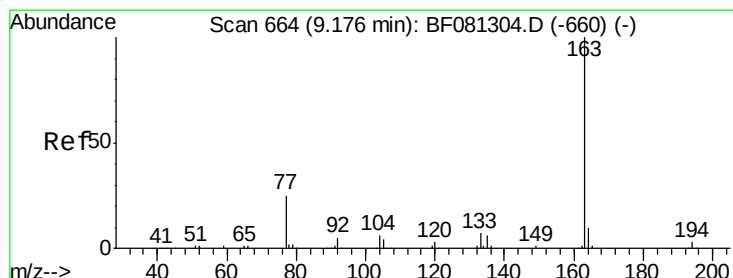
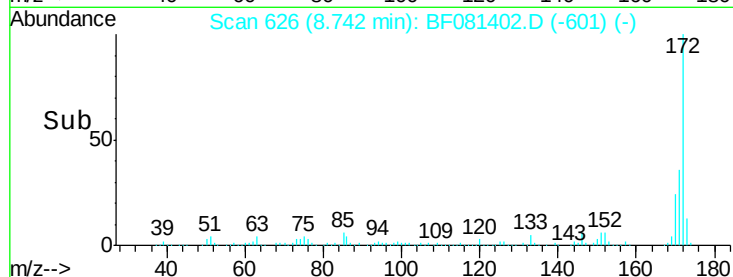
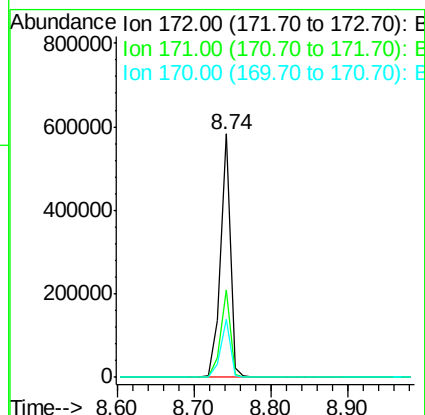
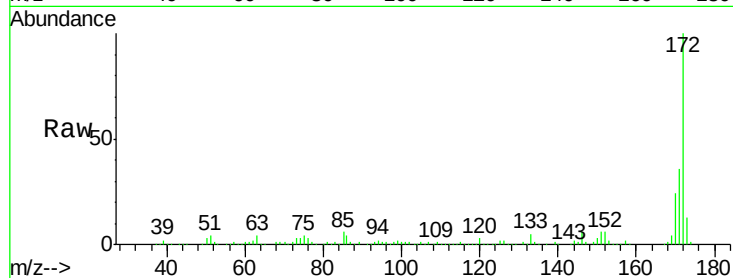




#44
2-Fluorobiphenyl
Concen: 69.65 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF081402.D
Acq: 4 Sep 2015 4:48

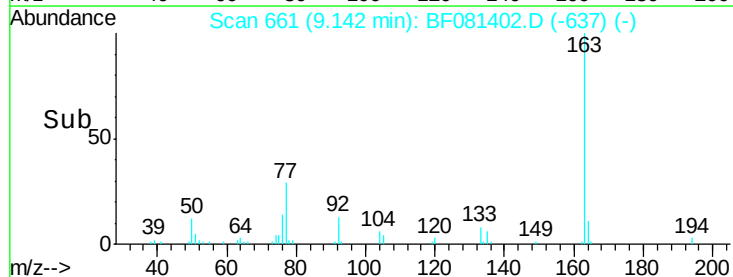
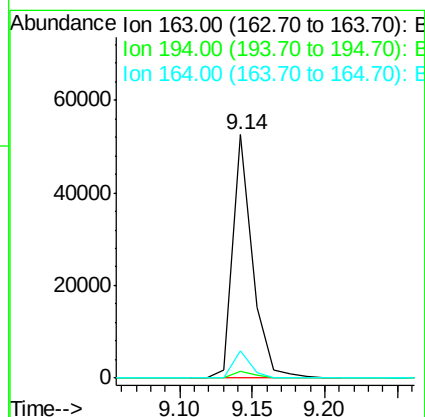
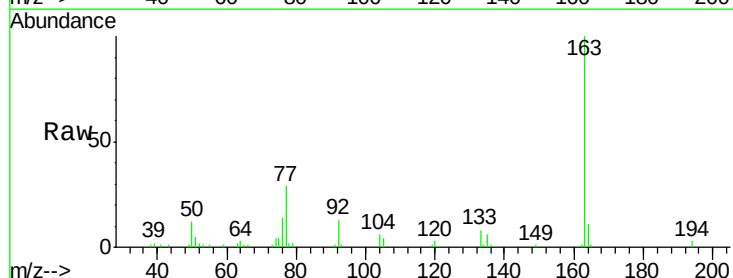
Instrument :
BNA_F
ClientSampleId :
COFF-2-24(0-2)

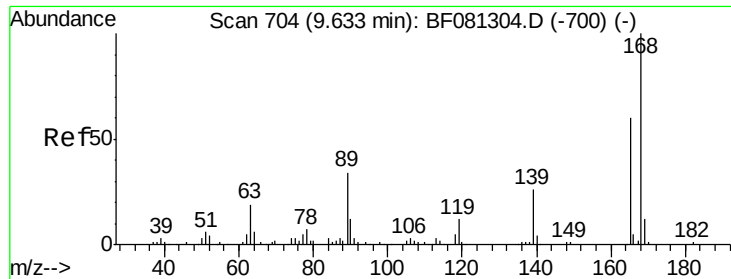
Tot Ion:172 Resp: 519213
Ion Ratio Lower Upper
172 100
171 35.8 26.1 39.1
170 24.0 17.4 26.2



#49
Dimethylphthalate
Concen: 6.74 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081402.D
Acq: 4 Sep 2015 4:48

Tgt Ion:163 Resp: 50044
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 11.1 8.3 12.5

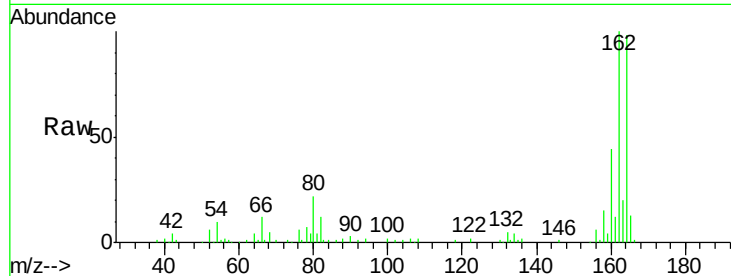




#56
 2,4-Dinitrotoluene
 Concen: 5.69 ng
 RT: 9.39 min Scan# 683
 Delta R.T. -0.22 min
 Lab File: BF081402.D
 Acq: 4 Sep 2015 4:48

Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-24(0-2)

Tot Ion:	165	Resp:	12200
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#

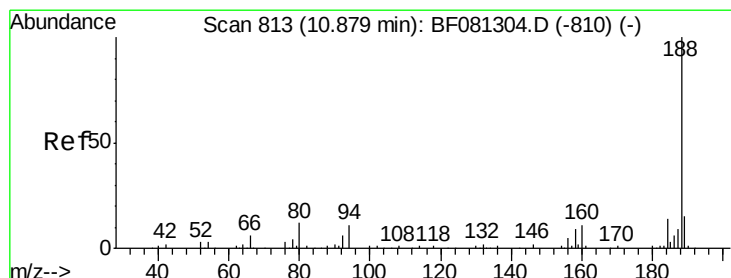
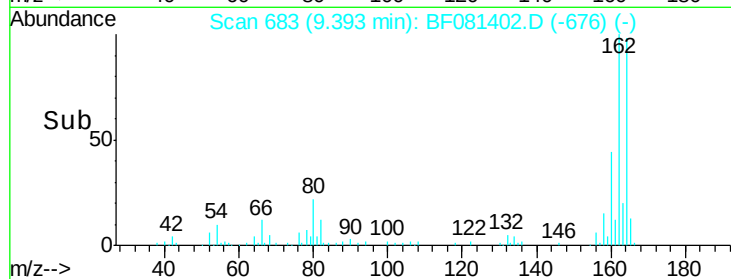
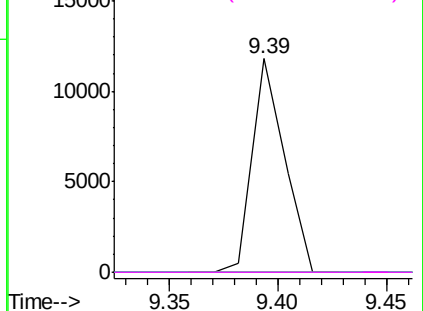


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

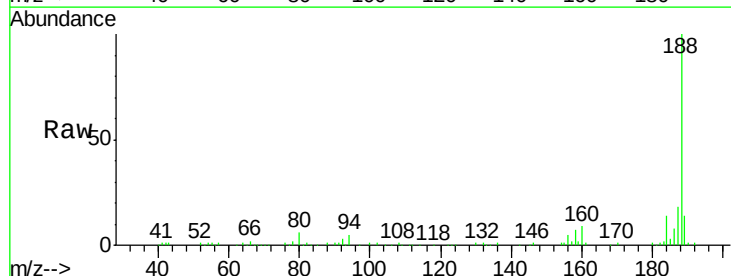
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081402.D
 Acq: 4 Sep 2015 4:48

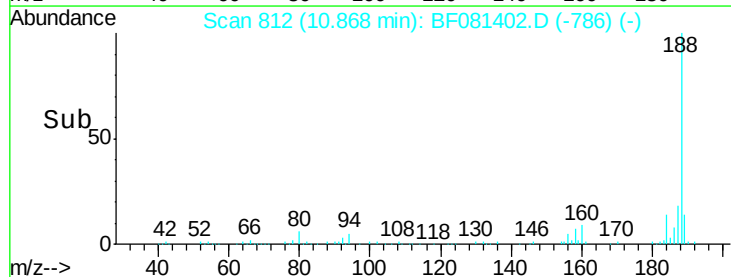
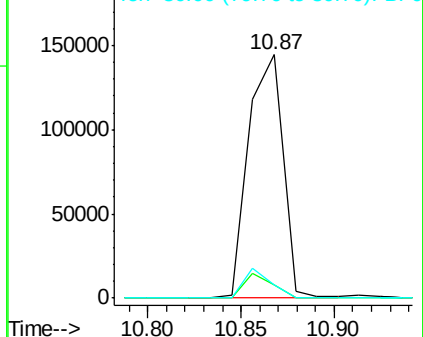
Tgt Ion:	188	Resp:	185287
Ion Ratio	Lower	Upper	
188	100		
94	5.2	11.1	16.7#
80	5.5	11.0	16.4#

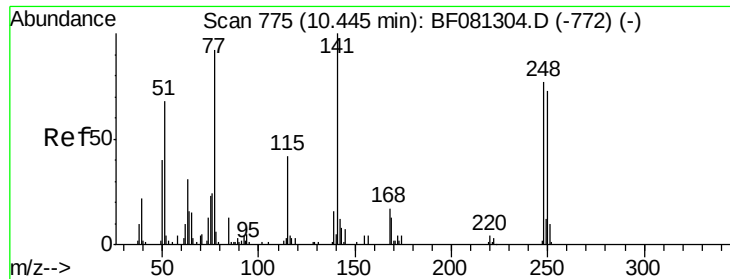


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.03 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.25 min

Lab File: BF081402.D

Acq: 4 Sep 2015 4:48

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ClientSampleId :

COFF-2-24(0-2)

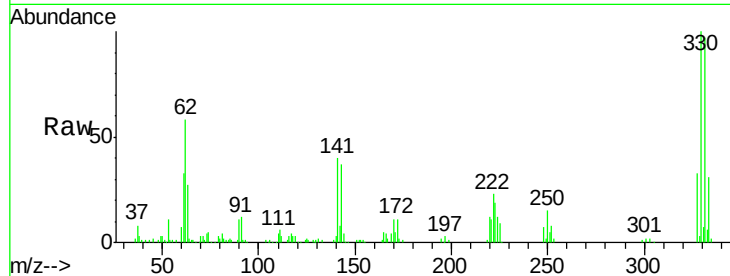
Tot Ion:248 Resp: 5679

Ion Ratio Lower Upper

248 100

250 204.9 78.5 117.7#

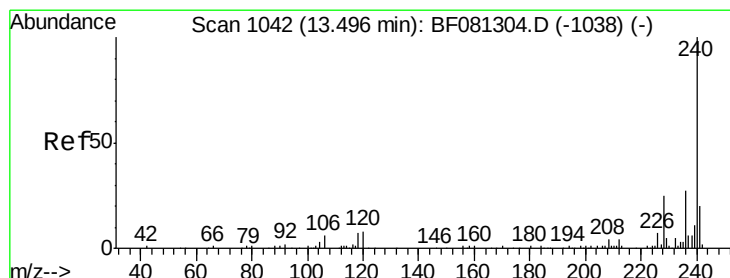
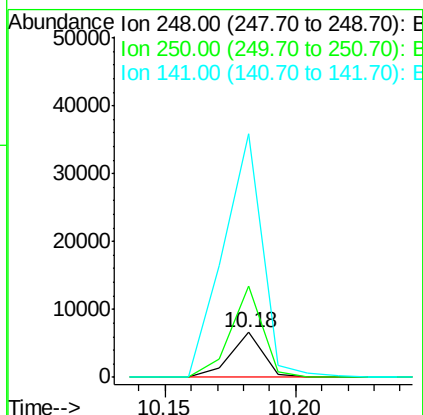
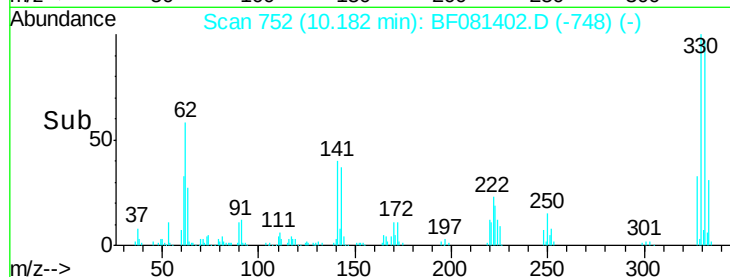
141 543.3 59.0 88.6#



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: 13.47 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF081402.D

Acq: 4 Sep 2015 4:48

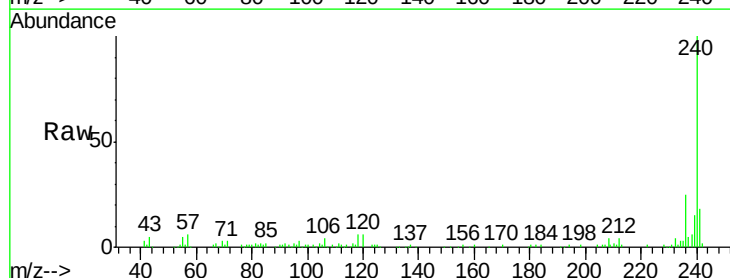
Tgt Ion:240 Resp: 133463

Ion Ratio Lower Upper

240 100

120 5.9 16.2 24.2#

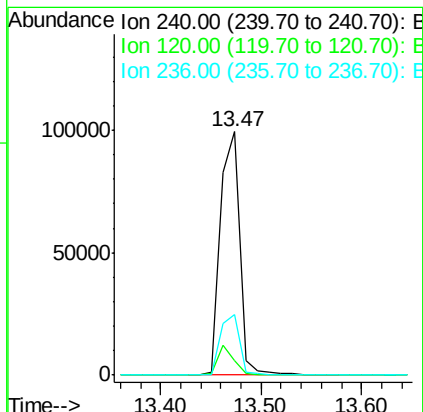
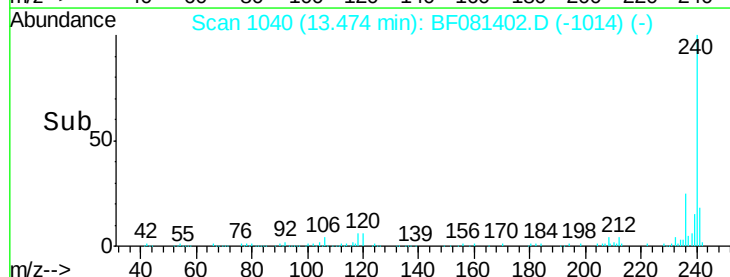
236 24.9 18.4 27.6

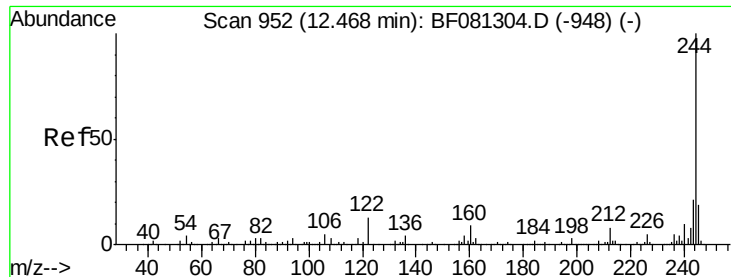


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

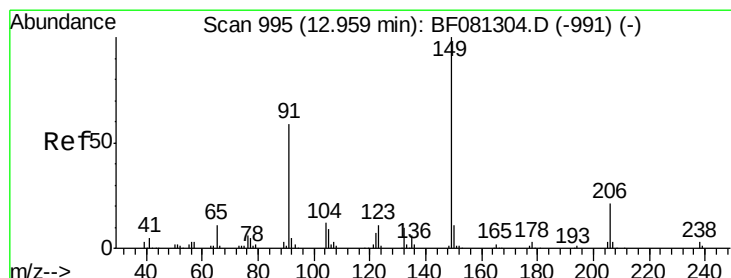
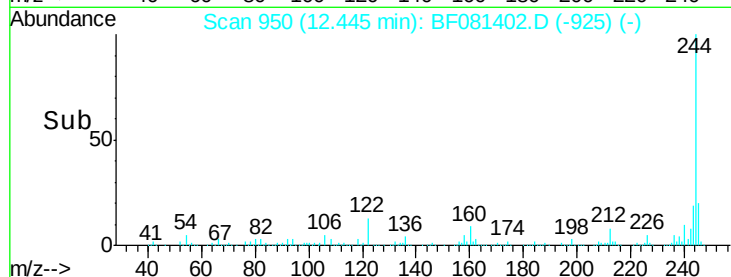
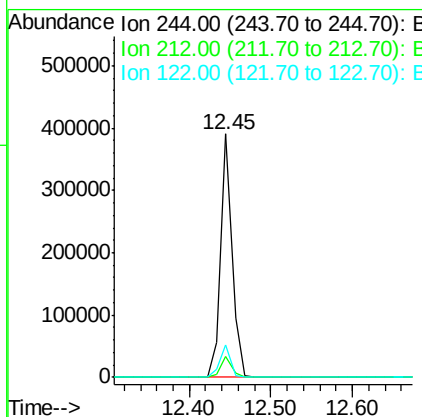
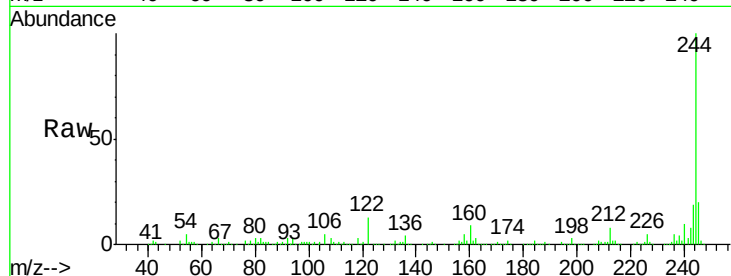




#78
 Terphenyl-d14
 Concen: 65.99 ng
 RT: 12.45 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF081402.D
 Acq: 4 Sep 2015 4:48

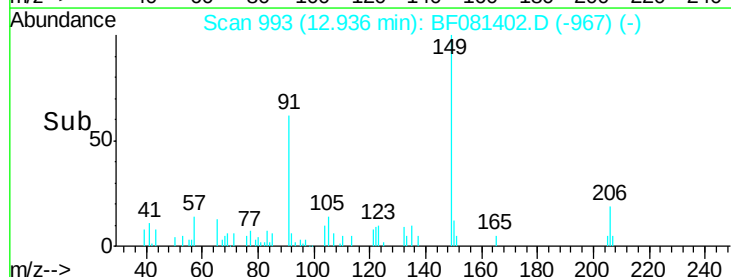
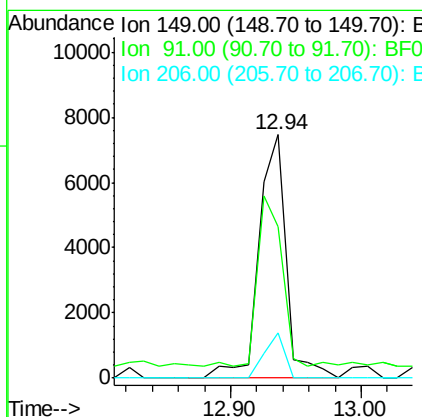
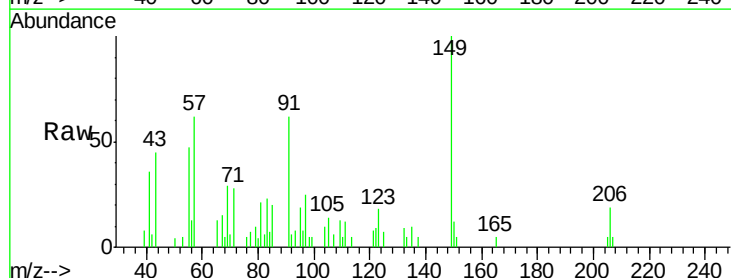
Instrument :
 BNA_F
 ClientSampleId :
 COFF-2-24(0-2)

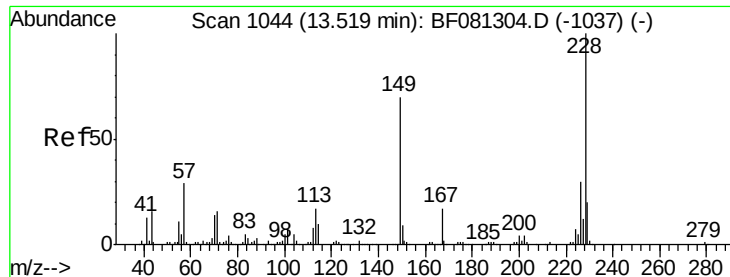
Tot Ion:244 Resp: 378336
 Ion Ratio Lower Upper
 244 100
 212 8.4 4.3 6.5#
 122 13.5 17.4 26.2#



#79
 Butylbenzylphthalate
 Concen: 2.53 ng
 RT: 12.94 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF081402.D
 Acq: 4 Sep 2015 4:48

Tgt Ion:149 Resp: 10894
 Ion Ratio Lower Upper
 149 100
 91 62.0 48.6 72.8
 206 18.5 14.9 22.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.19 ng

RT: 13.50 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF081402.D

Acq: 4 Sep 2015 4:48

Instrument :

BNA_F

ClientSampleId :

COFF-2-24(0-2)

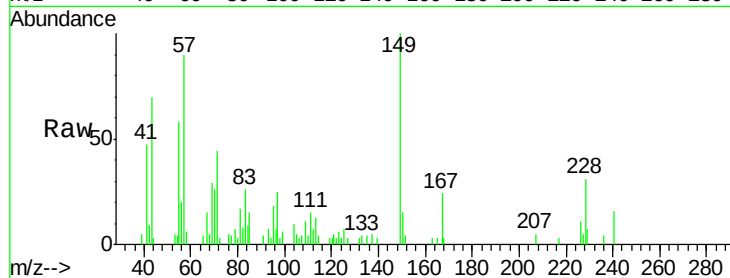
Tot Ion:149 Resp: 12422

Ion Ratio Lower Upper

149 100

167 23.7 24.2 36.2#

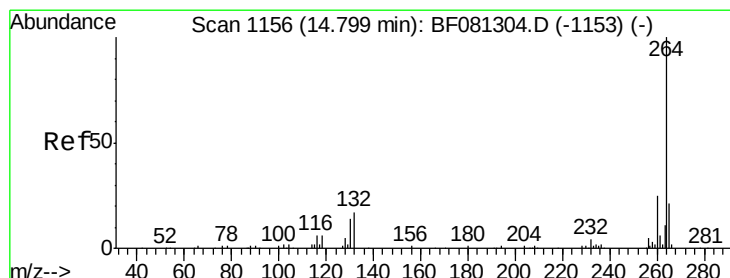
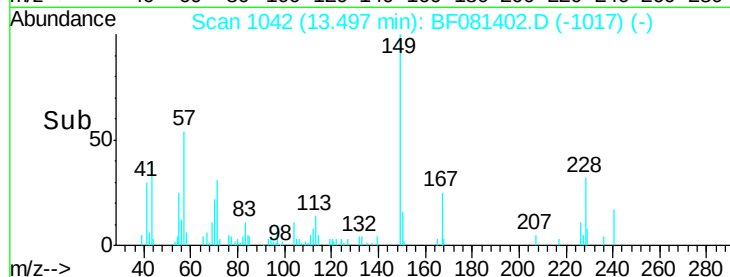
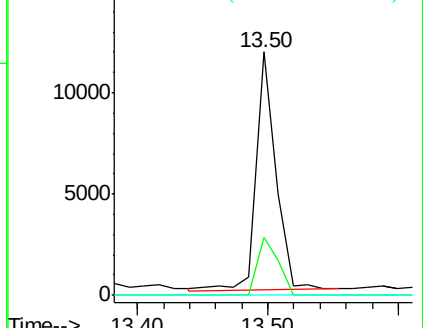
279 0.0 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.78 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF081402.D

Acq: 4 Sep 2015 4:48

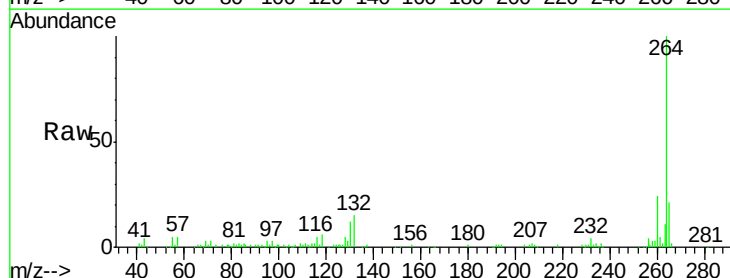
Tgt Ion:264 Resp: 87604

Ion Ratio Lower Upper

264 100

260 23.5 16.7 25.1

265 20.9 17.2 25.8



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

