

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081134.D
 Acq On : 20 Aug 2015 20:11
 Operator : UM/IZ
 Sample : G3304-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-5

Quant Time: Aug 21 01:37:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

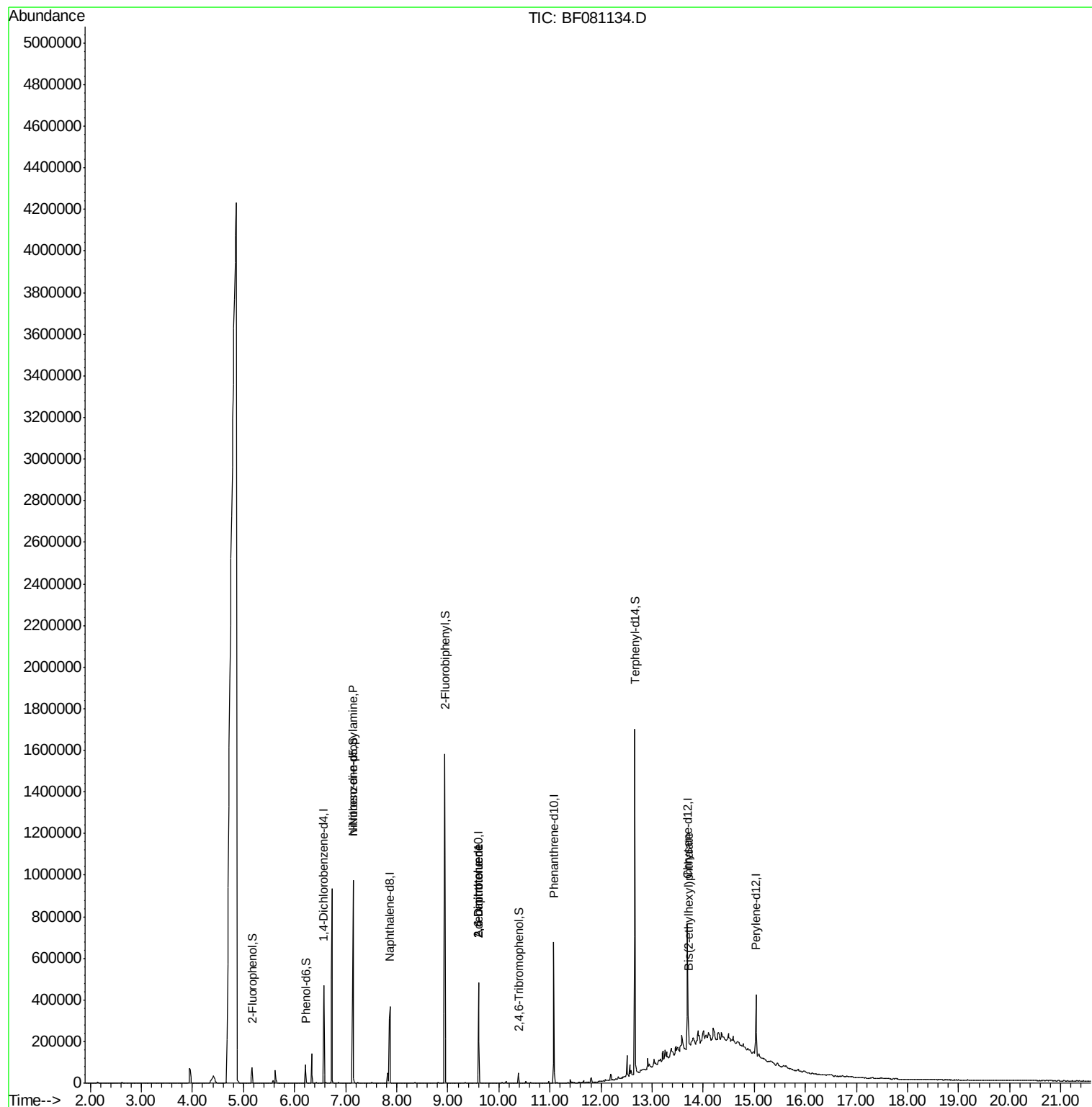
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	59391	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	227751	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	102532	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	226465	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	178054	20.00	ng	-0.01
86) Perylene-d12	15.03	264	117242	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	20390	5.16	ng	0.02
7) Phenol-d6	6.22	99	40961	7.95	ng	-0.01
23) Nitrobenzene-d5	7.14	82	327921	65.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.39	330	6550	7.37	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	474623	60.65	ng	-0.02
78) Terphenyl-d14	12.66	244	515524	62.07	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	42421	11.89	ng	# 68
50) 2,6-Dinitrotoluene	9.60	165	13278	7.32	ng	# 20
56) 2,4-Dinitrotoluene	9.60	165	13278	5.53	ng	# 16
83) Bis(2-ethylhexyl)phthalate	13.71	149	18522	2.32	ng	# 100

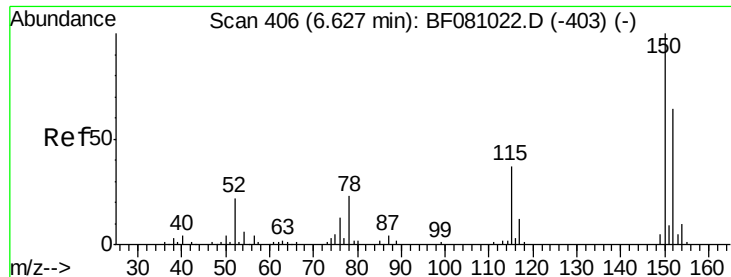
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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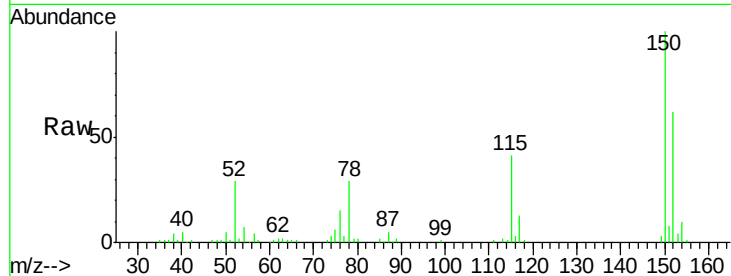


#1

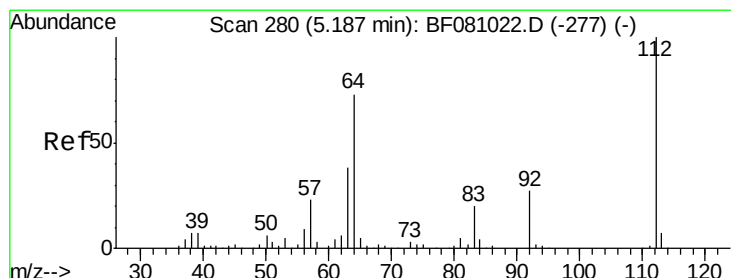
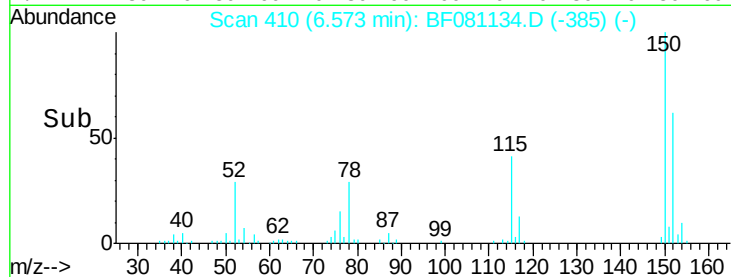
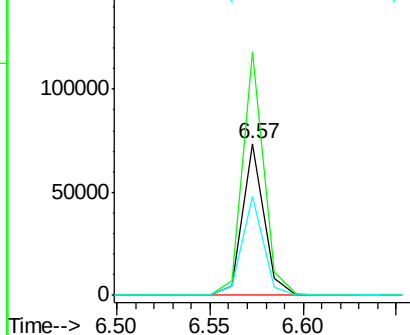
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF081134.D
Acq: 20 Aug 2015 20:11

Instrument :
BNA_F
ClientSampleId :
E2PM-MLSP-5

Tot Ion:152 Resp: 59391
Ion Ratio Lower Upper
152 100
150 160.2 123.8 185.6
115 64.9 52.1 78.1



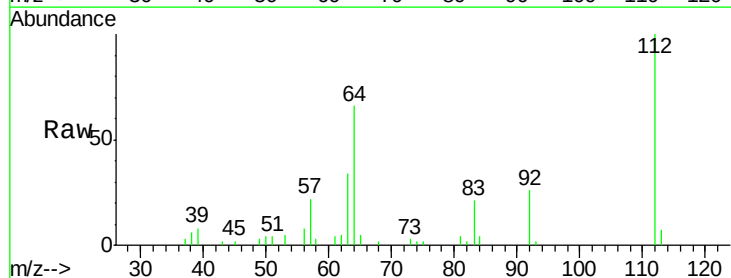
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



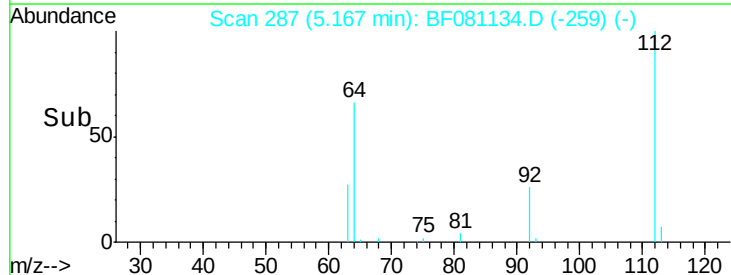
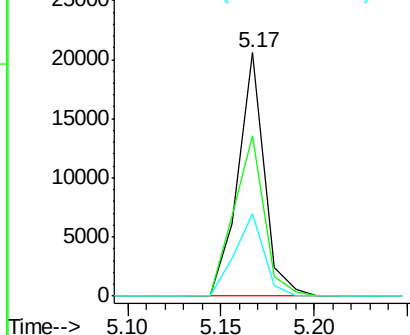
#5

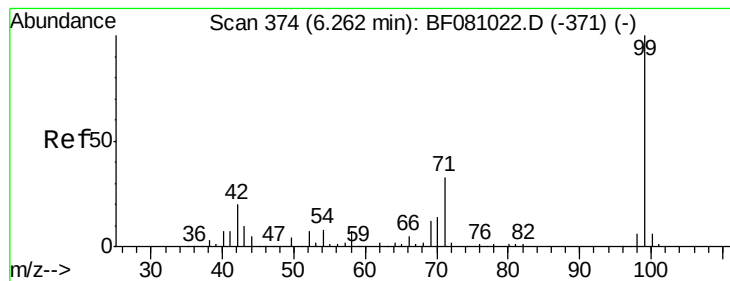
2-Fluorophenol
Concen: 5.16 ng
RT: 5.17 min Scan# 287
Delta R.T. 0.02 min
Lab File: BF081134.D
Acq: 20 Aug 2015 20:11

Tgt Ion:112 Resp: 20390
Ion Ratio Lower Upper
112 100
64 66.0 66.9 100.3#
63 33.7 38.1 57.1#



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: 7.95 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081134.D

Acq: 20 Aug 2015 20:11

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-5

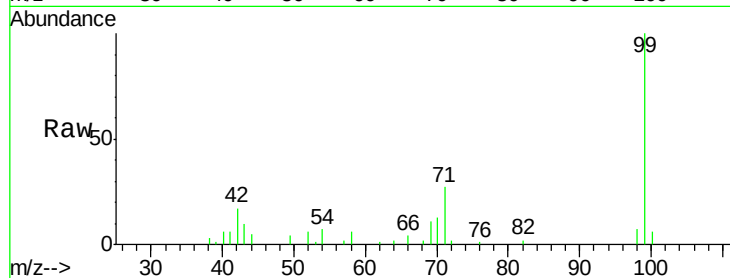
Tot Ion: 99 Resp: 40961

Ion Ratio Lower Upper

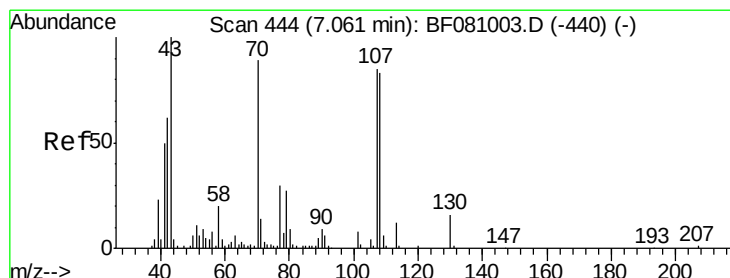
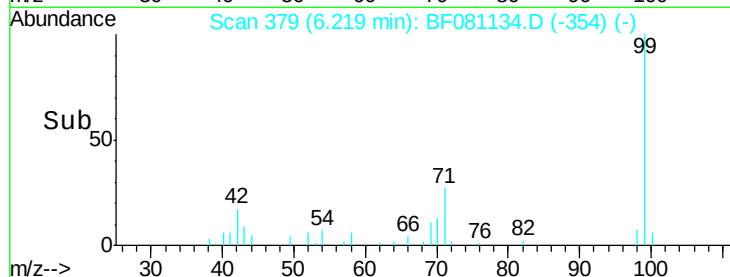
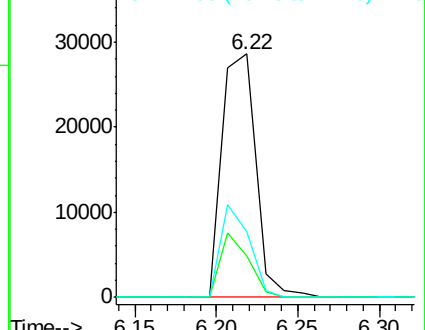
99 100

42 16.9 19.6 29.4#

71 27.1 31.2 46.8#



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: 11.89 ng

RT: 7.14 min Scan# 460

Delta R.T. 0.13 min

Lab File: BF081134.D

Acq: 20 Aug 2015 20:11

Tgt Ion: 70 Resp: 42421

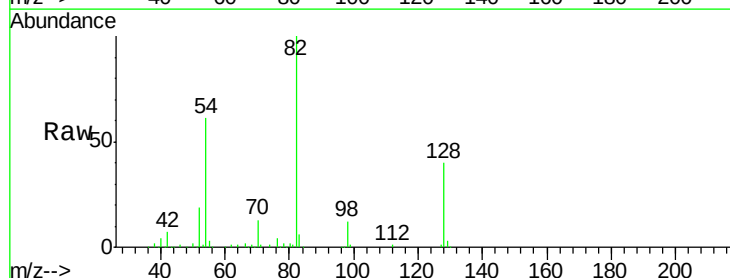
Ion Ratio Lower Upper

70 100

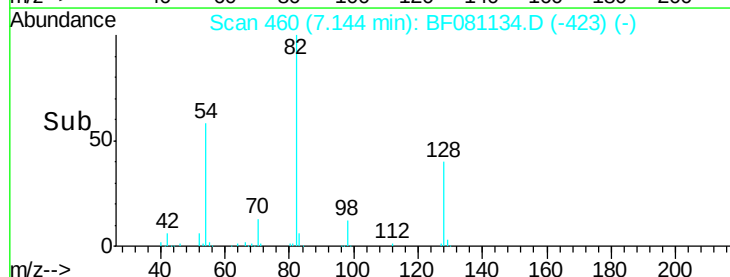
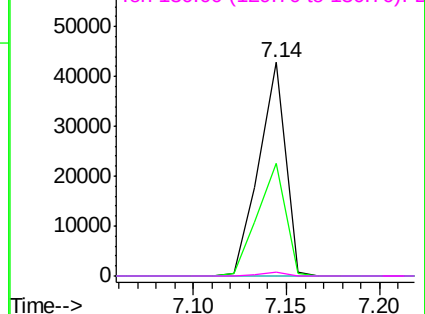
42 52.8 65.0 97.4#

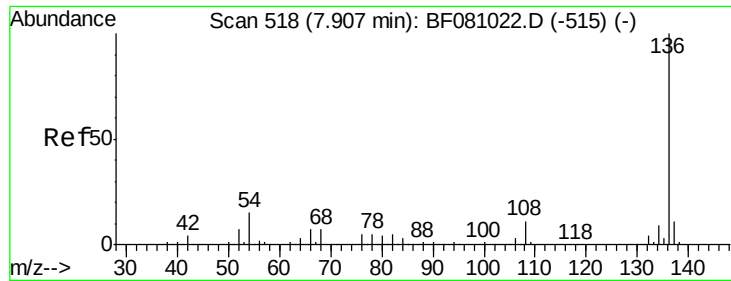
101 0.0 7.4 11.2#

130 1.6 13.0 19.4#



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

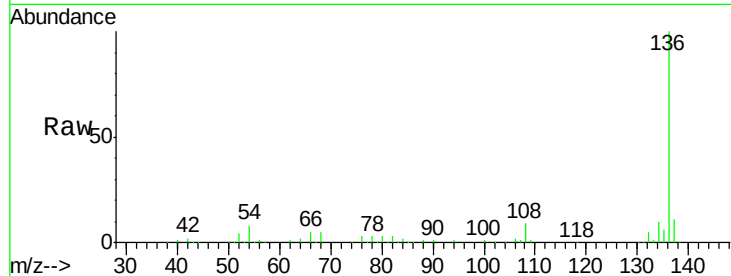




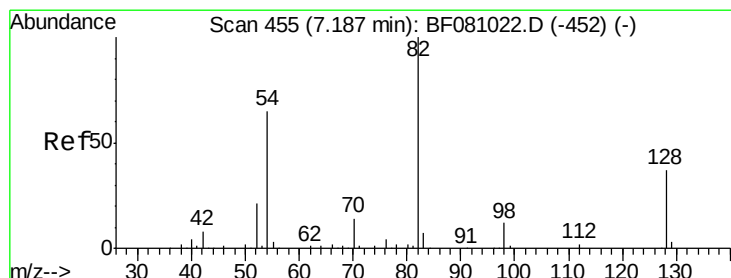
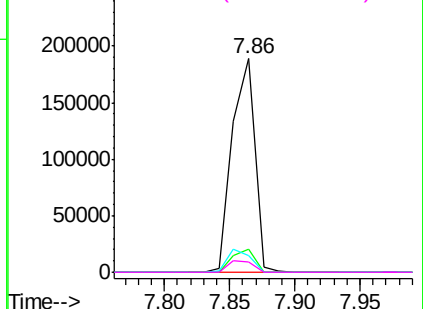
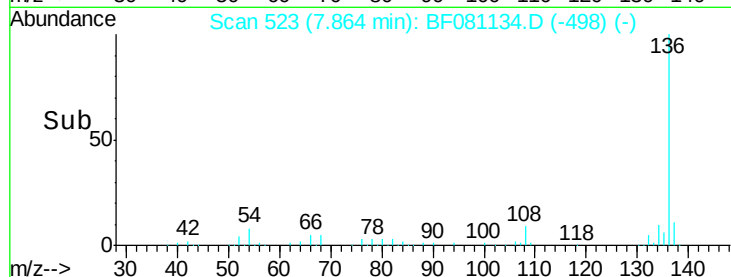
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081134.D
Acq: 20 Aug 2015 20:11

Instrument :
BNA_F
ClientSampleId :
E2PM-MLSP-5

Tot Ion:136	Resp:	227751
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.2 12.2
54	7.9	7.7 11.5
68	4.8	3.4 5.2

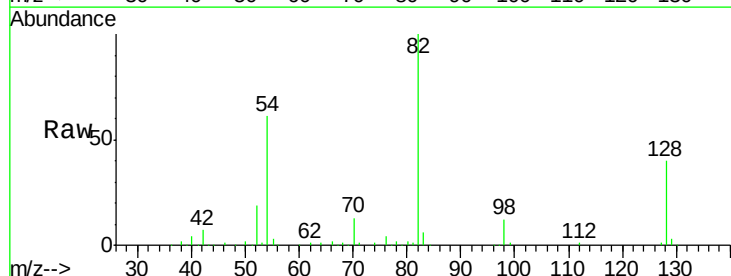


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

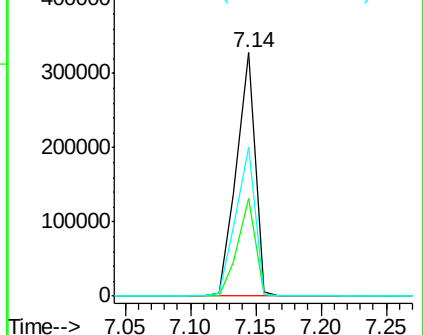
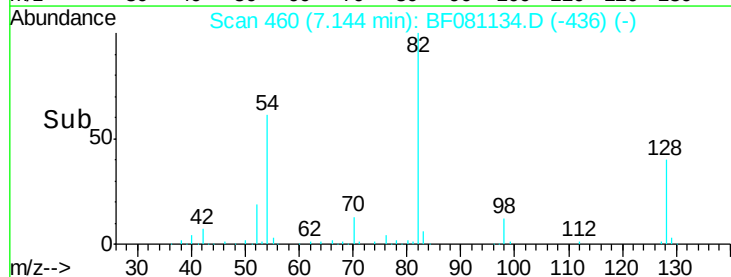


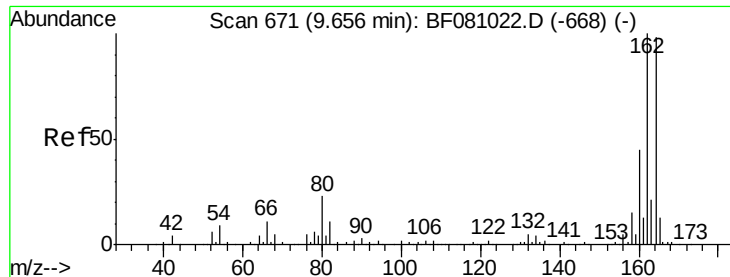
#23
Nitrobenzene-d5
Concen: 65.77 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF081134.D
Acq: 20 Aug 2015 20:11

Tgt Ion: 82	Resp:	327921
Ion	Ratio	Lower Upper
82	100	
128	40.3	28.6 42.8
54	61.1	55.1 82.7



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: 9.60 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF081134.D

Acq: 20 Aug 2015 20:11

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-5

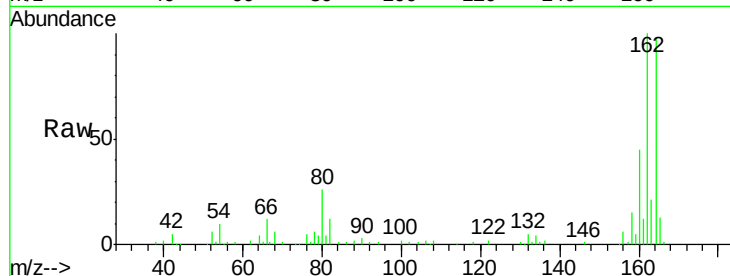
Tot Ion:164 Resp: 102532

Ion Ratio Lower Upper

164 100

162 102.1 83.8 125.8

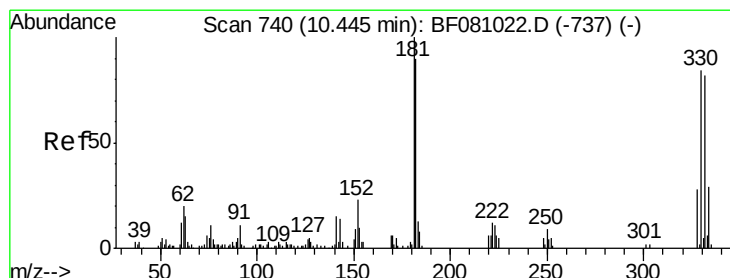
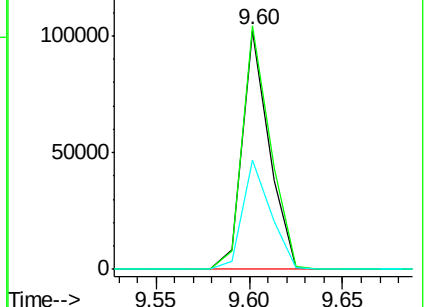
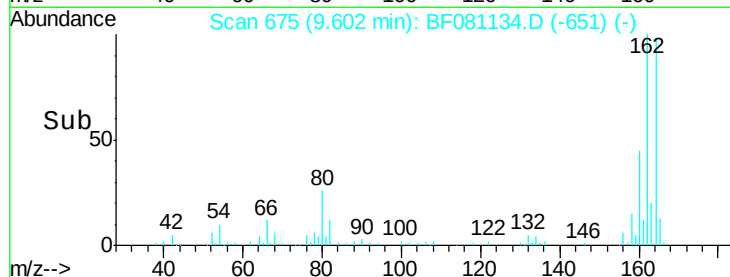
160 46.0 39.8 59.8



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: 7.37 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF081134.D

Acq: 20 Aug 2015 20:11

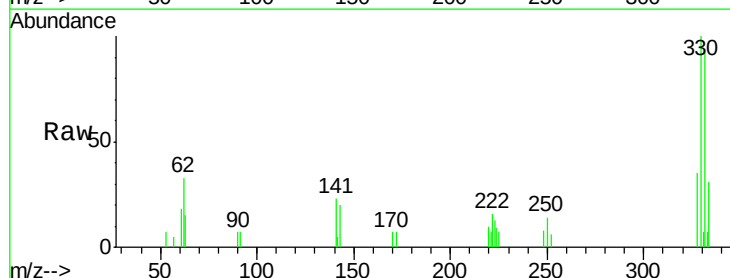
Tgt Ion:330 Resp: 6550

Ion Ratio Lower Upper

330 100

332 94.6 77.3 115.9

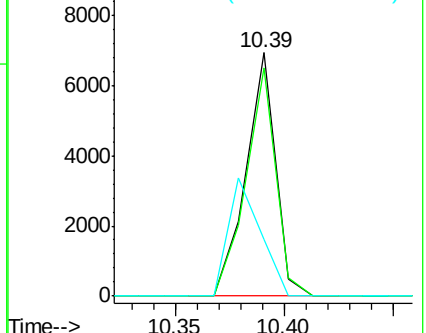
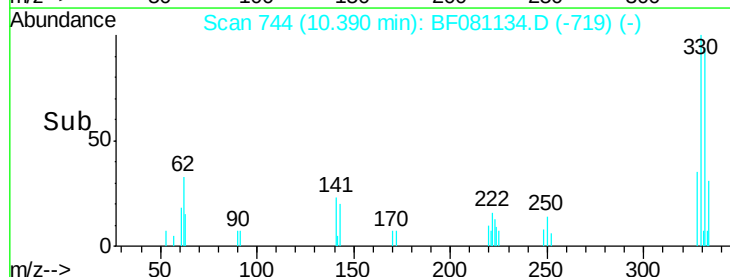
141 52.2 44.9 67.3

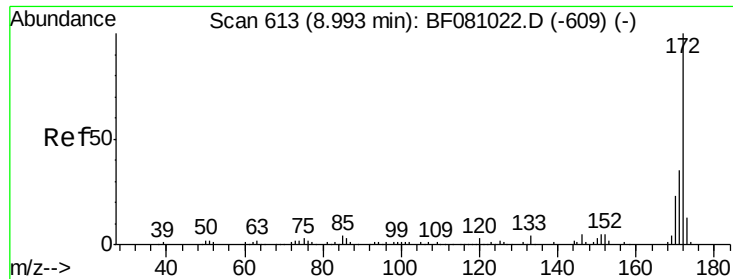


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

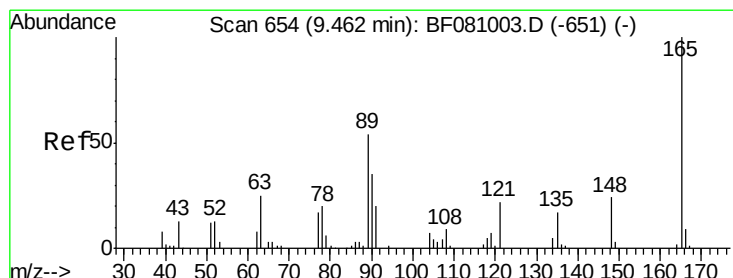
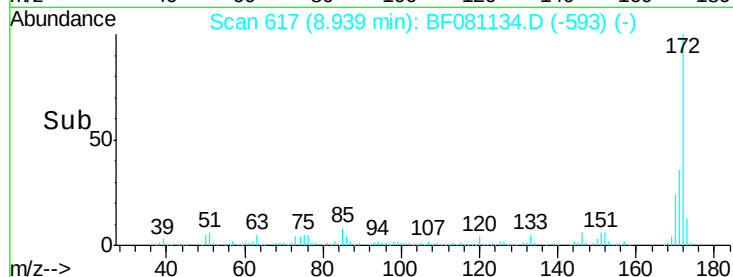
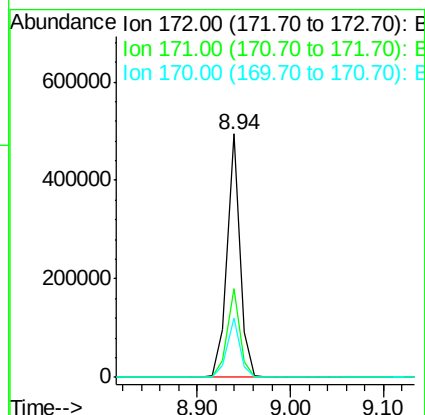
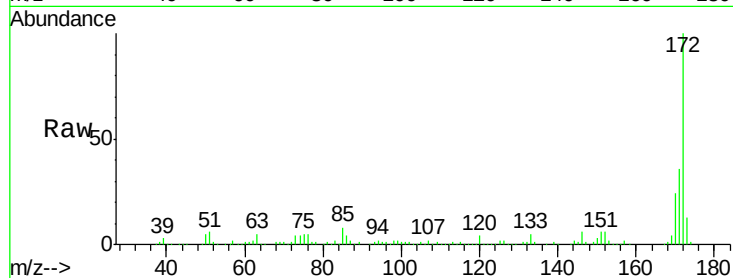




#44
 2-Fluorobiphenyl
 Concen: 60.65 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF081134.D
 Acq: 20 Aug 2015 20:11

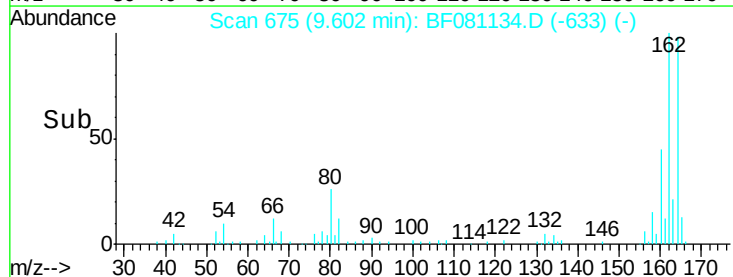
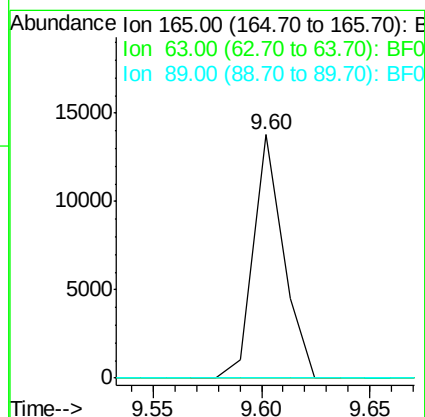
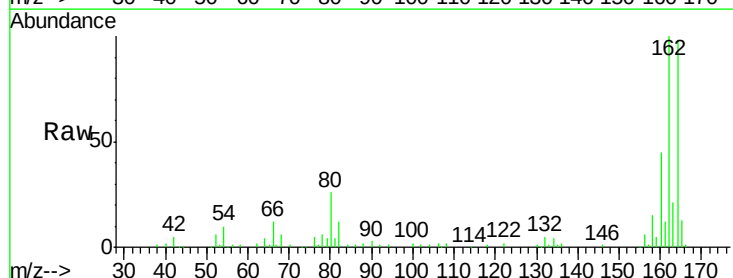
Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-5

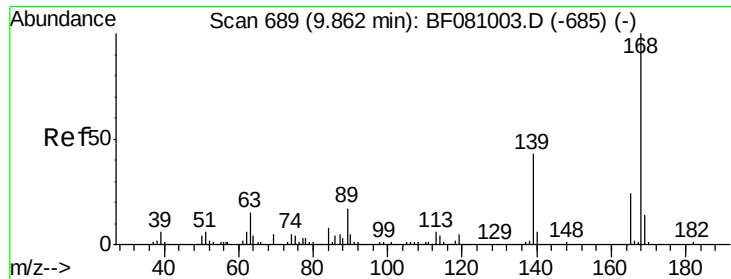
Tot Ion:172 Resp: 474623
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.4 19.4 29.2



#50
 2,6-Dinitrotoluene
 Concen: 7.32 ng
 RT: 9.60 min Scan# 675
 Delta R.T. 0.18 min
 Lab File: BF081134.D
 Acq: 20 Aug 2015 20:11

Tgt Ion:165 Resp: 13278
 Ion Ratio Lower Upper
 165 100
 63 0.0 49.5 74.3#
 89 0.0 47.6 71.4#

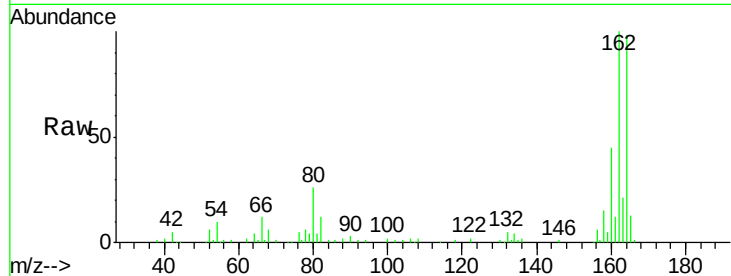




#56
 2,4-Dinitrotoluene
 Concen: 5.53 ng
 RT: 9.60 min Scan# 675
 Delta R.T. -0.22 min
 Lab File: BF081134.D
 Acq: 20 Aug 2015 20:11

Instrument :
 BNA_F
 ClientSampleId :
 E2PM-MLSP-5

Tot Ion:	165	Resp:	13278
Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

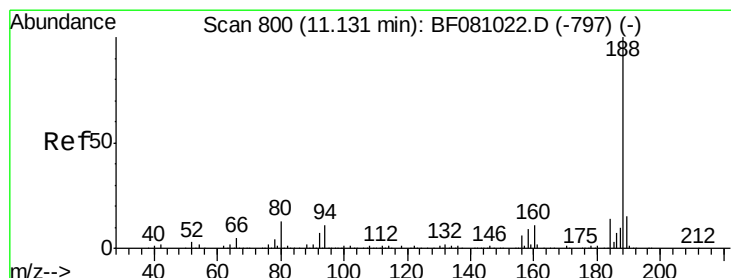
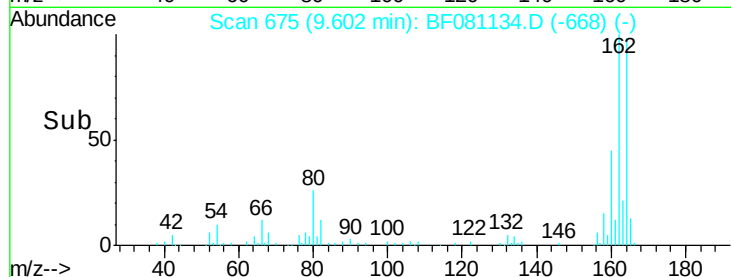
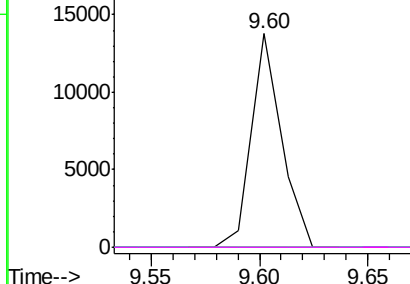


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

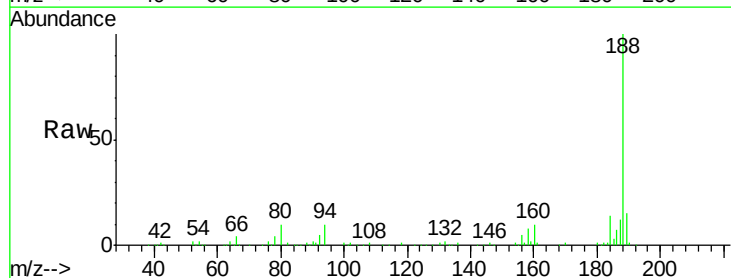
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF081134.D
 Acq: 20 Aug 2015 20:11

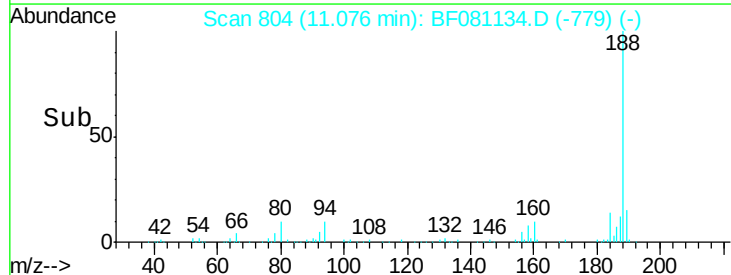
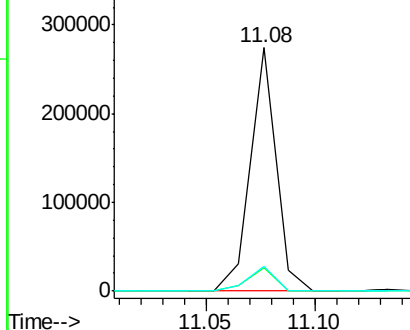
Tgt Ion:	188	Resp:	226465
Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	10.2	9.5	14.3

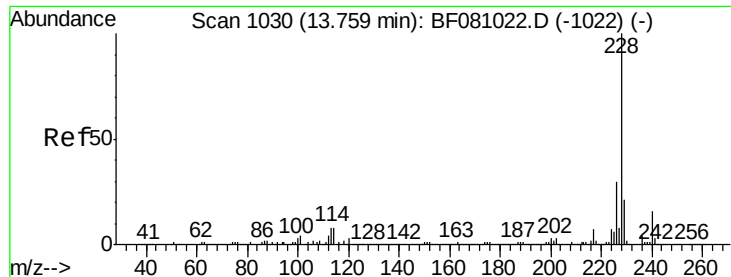


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF081134.D

Acq: 20 Aug 2015 20:11

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-5

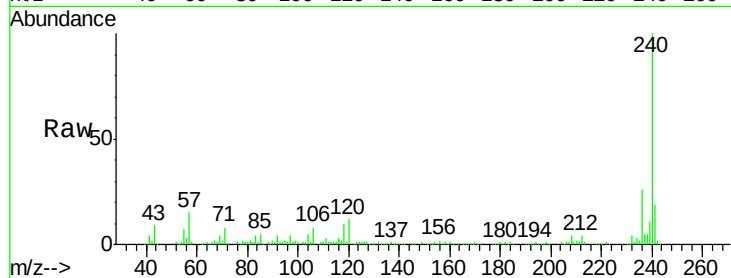
Tot Ion:240 Resp: 178054

Ion Ratio Lower Upper

240 100

120 11.7 5.6 8.4#

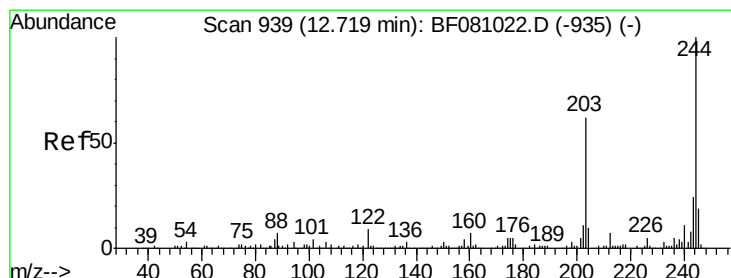
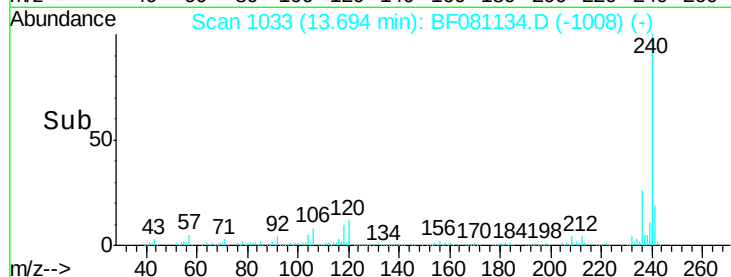
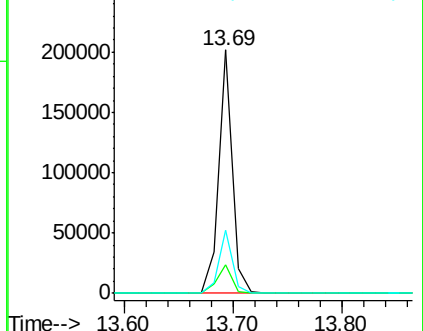
236 26.1 20.6 30.8



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: 62.07 ng

RT: 12.66 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF081134.D

Acq: 20 Aug 2015 20:11

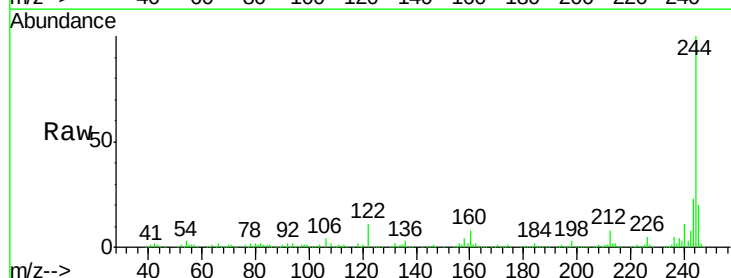
Tgt Ion:244 Resp: 515524

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

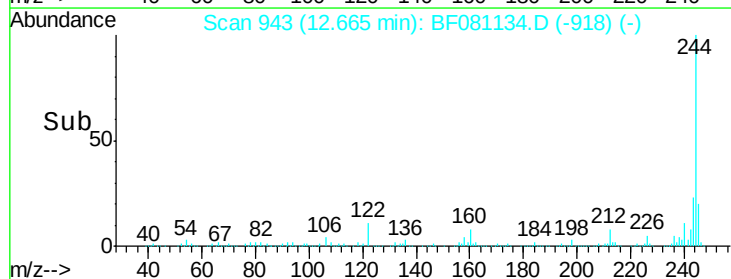
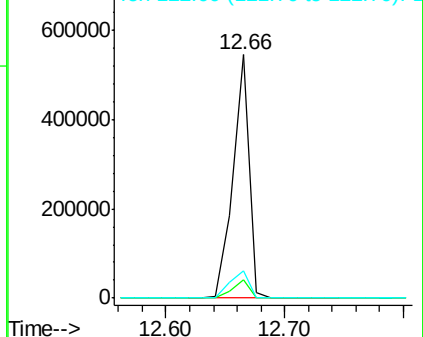
122 11.3 8.2 12.4

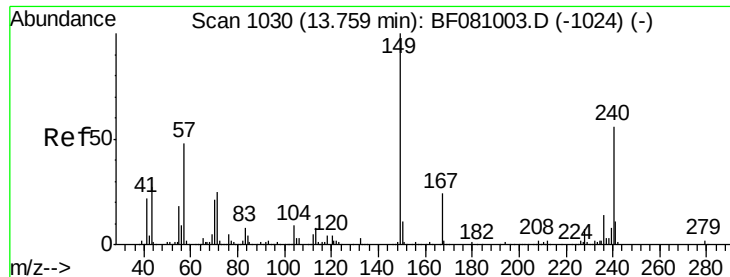


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.32 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF081134.D

Acq: 20 Aug 2015 20:11

Instrument :

BNA_F

ClientSampleId :

E2PM-MLSP-5

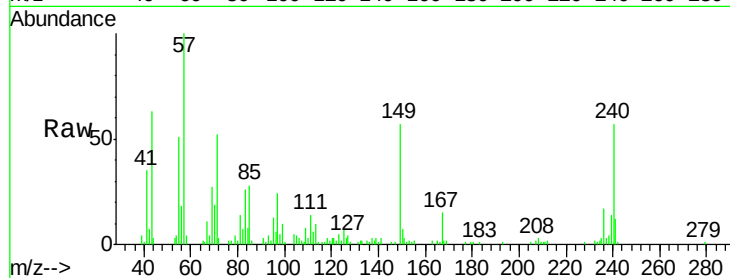
Tot Ion:149 Resp: 18522

Ion Ratio Lower Upper

149 100

167 25.8 20.7 31.1

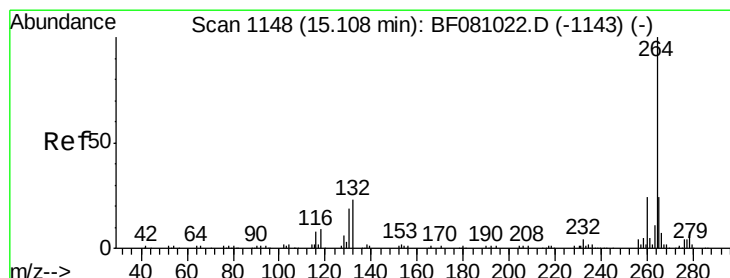
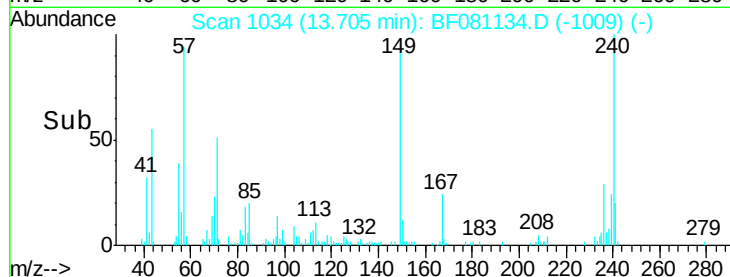
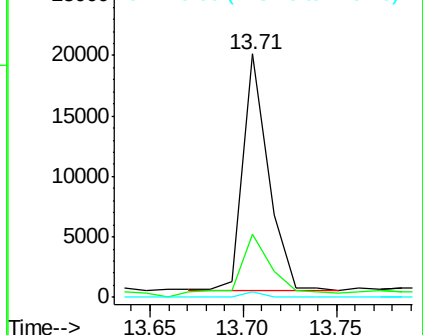
279 2.1 2.2 3.4#



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: 15.03 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF081134.D

Acq: 20 Aug 2015 20:11

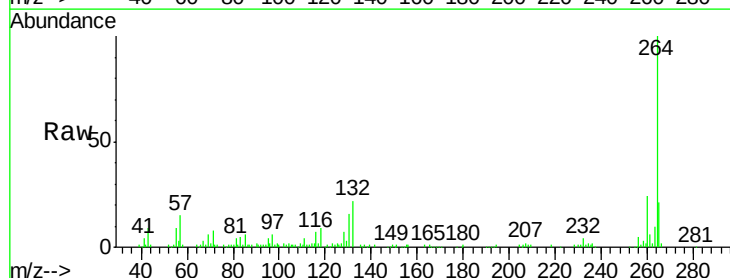
Tgt Ion:264 Resp: 117242

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 20.7 17.5 26.3



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

