

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081715\
 Data File : BF081032.D
 Acq On : 18 Aug 2015 6:22
 Operator : UM/IZ
 Sample : G3290-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2A(0-2)-3

Quant Time: Aug 18 07:07:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

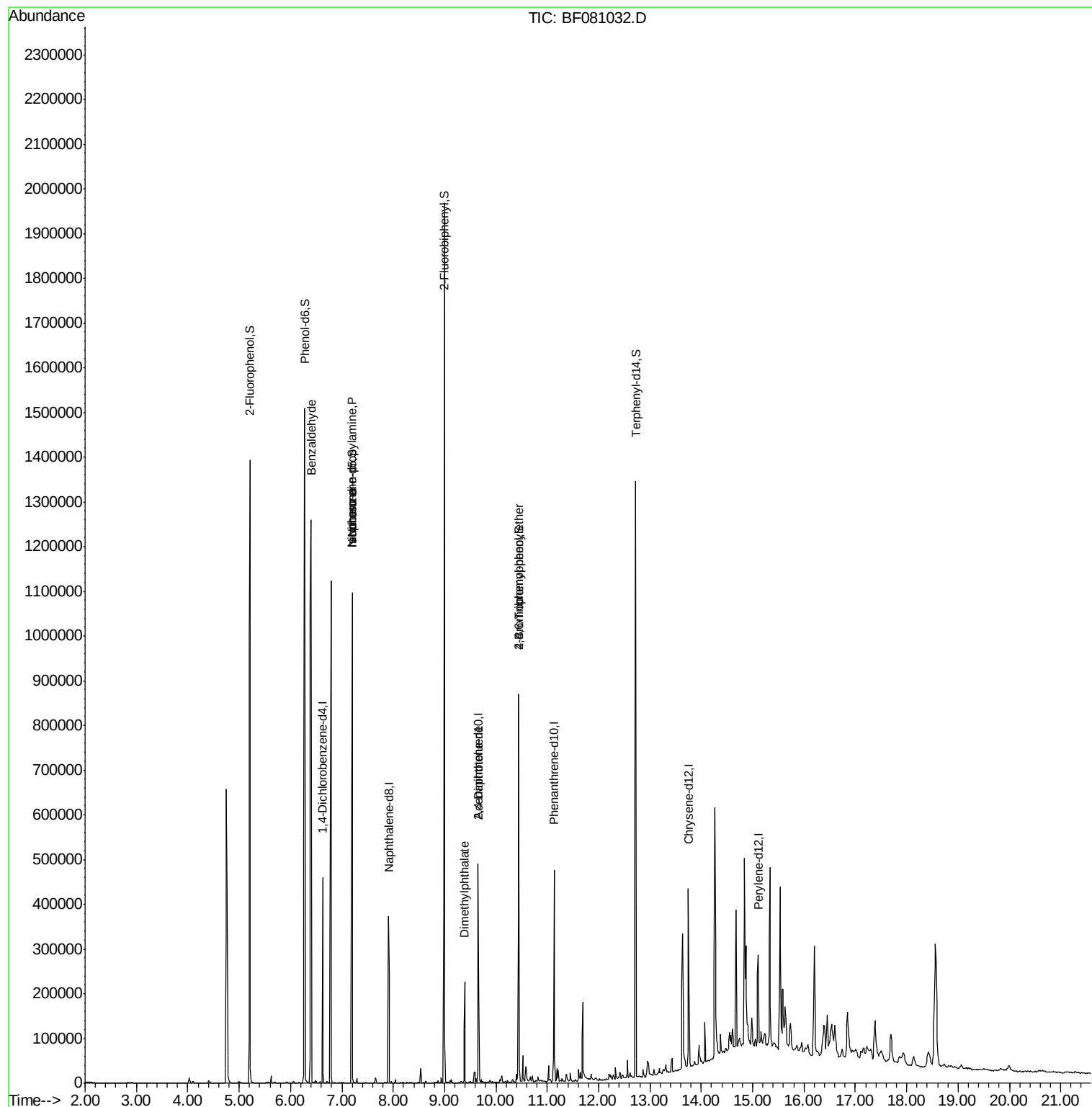
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	59137	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	199579	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	89513	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	154148	20.00	ng	0.00
75) Chrysene-d12	13.75	240	124416	20.00	ng	0.00
86) Perylene-d12	15.11	264	95064	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	440846	112.13	ng	0.02
7) Phenol-d6	6.27	99	507943	99.02	ng	0.01
23) Nitrobenzene-d5	7.20	82	386665	88.50	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	80188	103.34	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	528362	77.34	ng	0.00
78) Terphenyl-d14	12.72	244	383716	66.12	ng	0.01
Target Compounds						
9) Benzaldehyde	6.40	77	10766	3.26	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.20	70	51394	14.46	ng	# 69
25) Isophorone	7.20	82	378958	46.51	ng	# 71
49) Dimethylphthalate	9.39	163	102695	13.93	ng	99
56) 2,4-Dinitrotoluene	9.66	165	11122	5.30	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	6309	4.17	ng	# 1

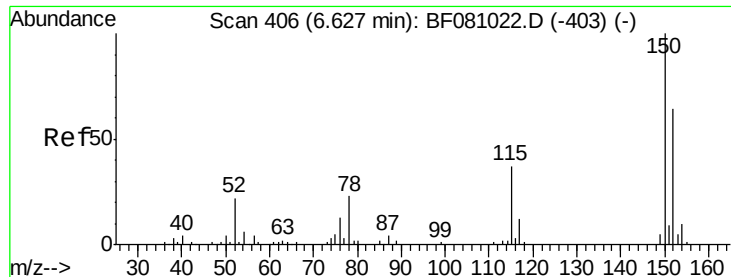
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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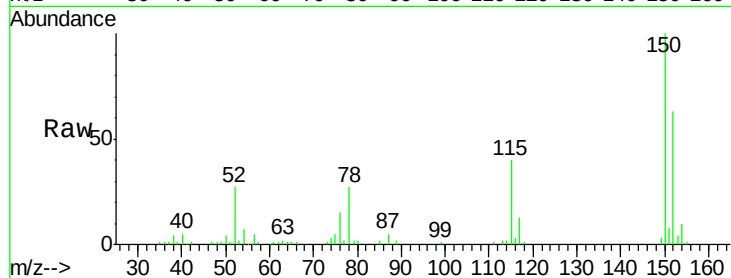


#1

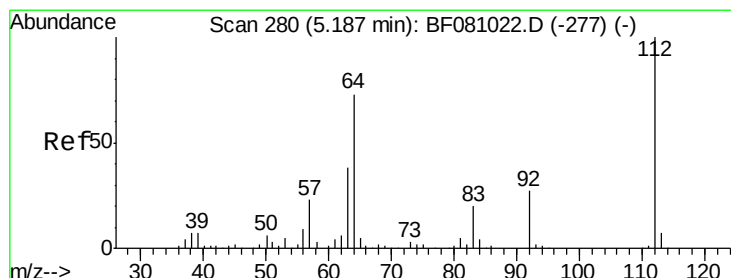
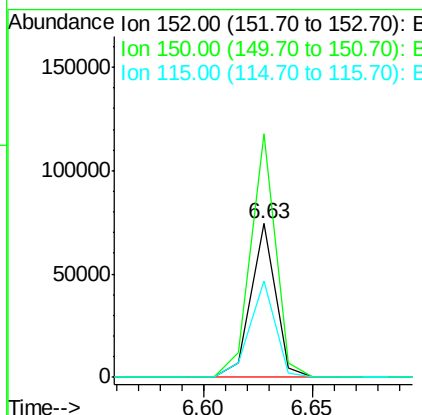
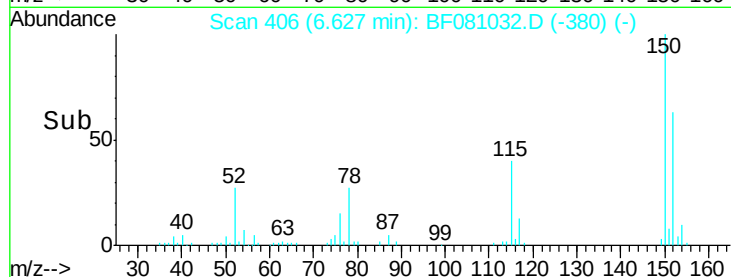
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081032.D
Acq: 18 Aug 2015 6:22

Instrument :
BNA_F
ClientSampleId :
2A(0-2)-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.8	185.6
115	62.5	52.1	78.1



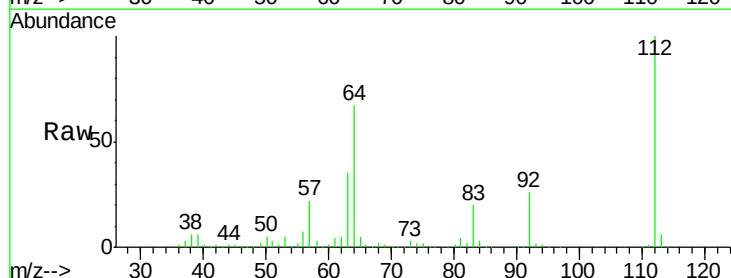
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



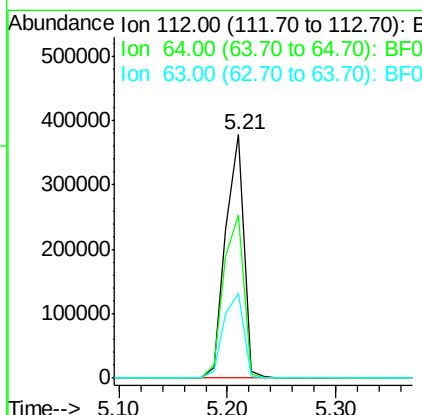
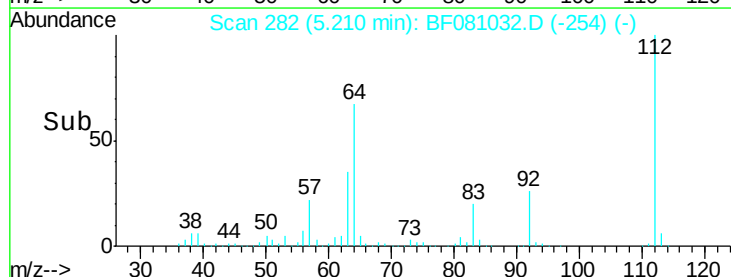
#5

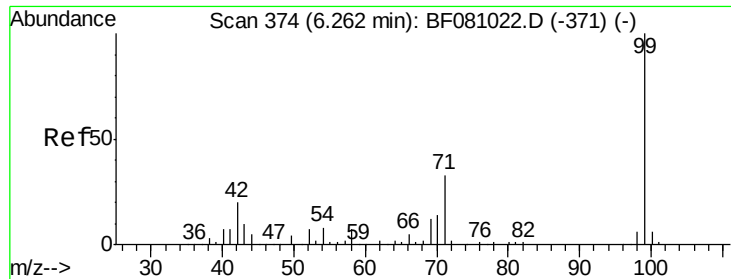
2-Fluorophenol
Concen: 112.13 ng
RT: 5.21 min Scan# 282
Delta R.T. 0.02 min
Lab File: BF081032.D
Acq: 18 Aug 2015 6:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	66.9	100.3
63	34.6	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: 99.02 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081032.D

Acq: 18 Aug 2015 6:22

Instrument :

BNA_F

ClientSampleId :

2A(0-2)-3

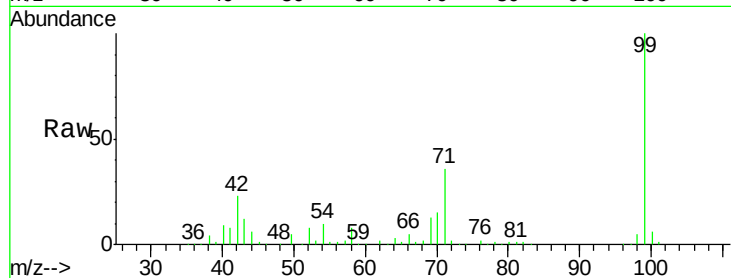
Tot Ion: 99 Resp: 507943

Ion Ratio Lower Upper

99 100

42 23.4 19.6 29.4

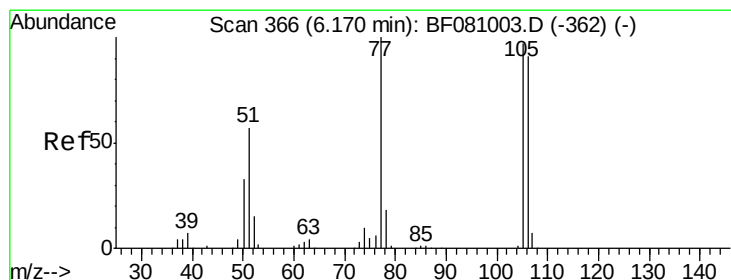
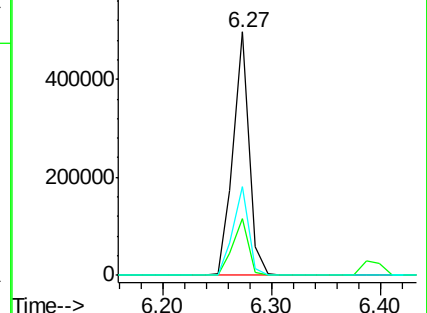
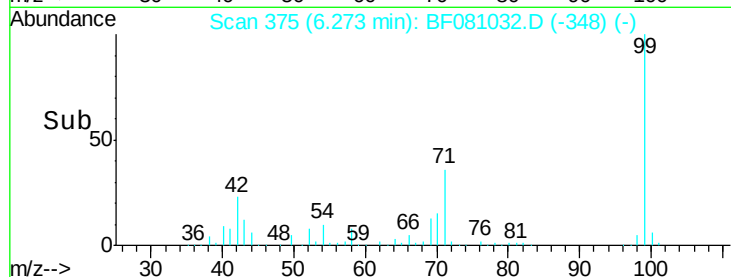
71 36.3 31.2 46.8



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



#9

Benzaldehyde

Concen: 3.26 ng

RT: 6.40 min Scan# 386

Delta R.T. 0.24 min

Lab File: BF081032.D

Acq: 18 Aug 2015 6:22

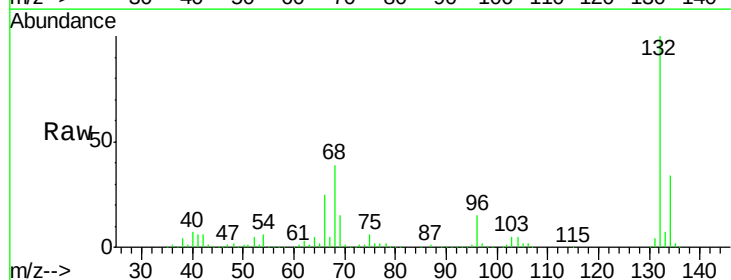
Tgt Ion: 77 Resp: 10766

Ion Ratio Lower Upper

77 100

105 84.1 69.6 109.6

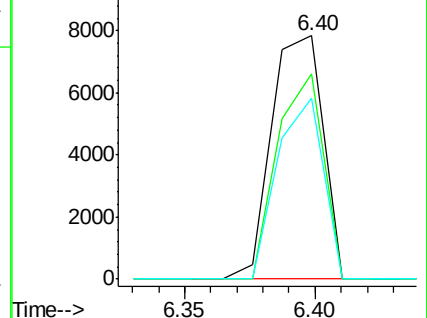
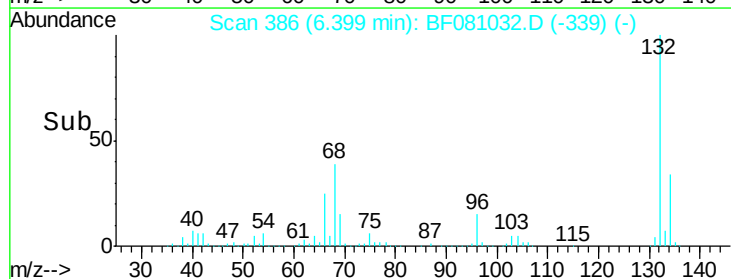
106 74.5 64.0 104.0

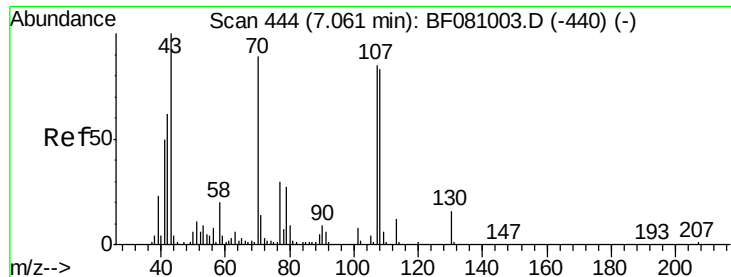


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

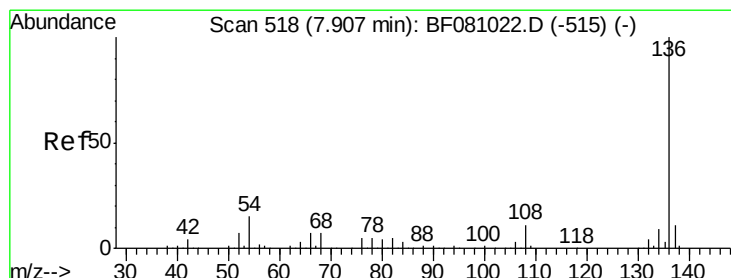
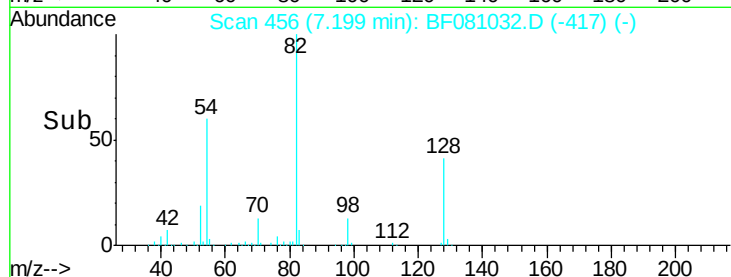
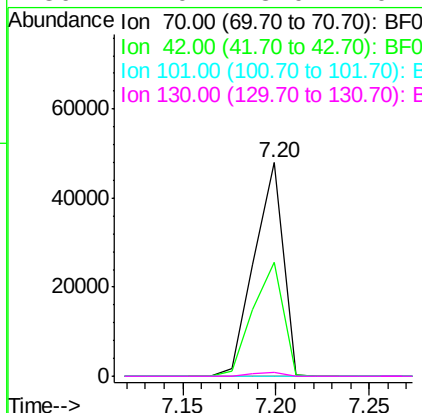
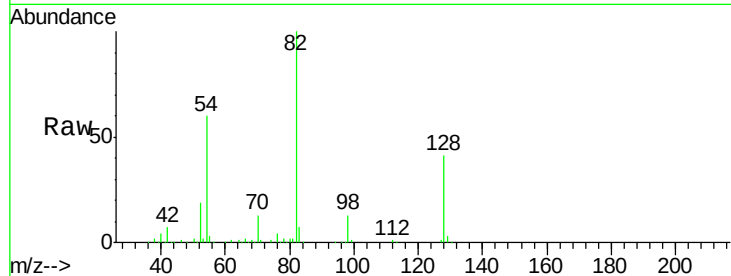




#19
n-Nitroso-di-n-propylamine
Concen: 14.46 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.15 min
Lab File: BF081032.D
Acq: 18 Aug 2015 6:22

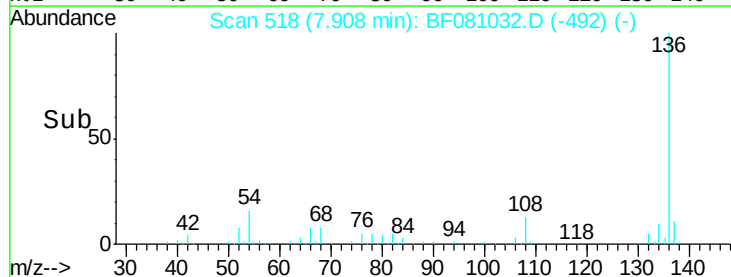
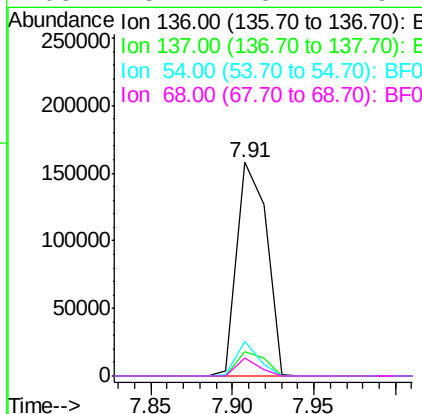
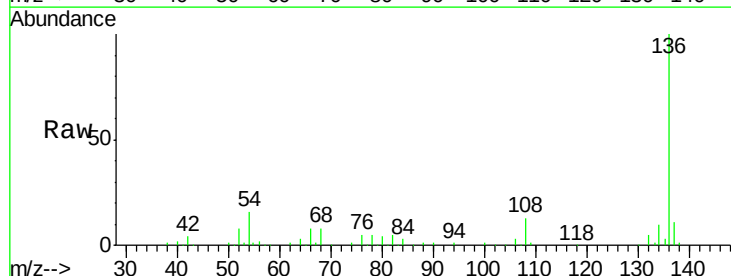
Instrument :
BNA_F
ClientSampleId :
2A(0-2)-3

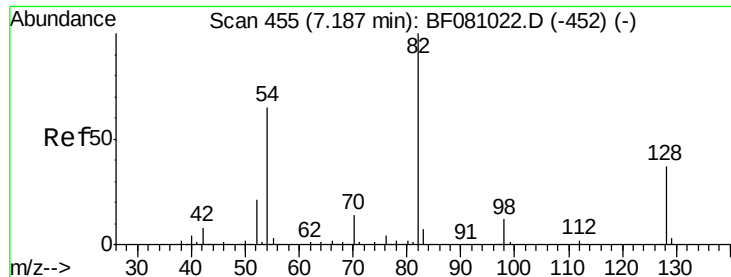
Tot Ion: 70 Resp: 51394
Ion Ratio Lower Upper
70 100
42 53.5 65.0 97.4#
101 0.0 7.4 11.2#
130 2.0 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081032.D
Acq: 18 Aug 2015 6:22

Tgt Ion: 136 Resp: 199579
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 16.3 7.7 11.5#
68 8.2 3.4 5.2#

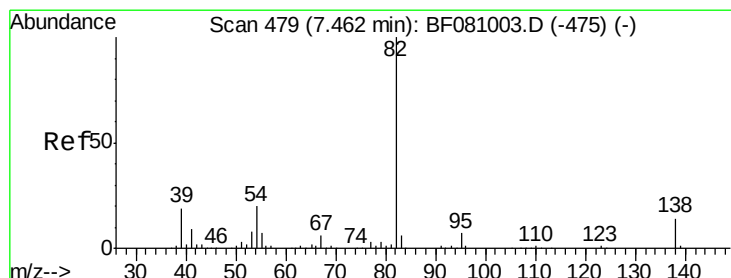
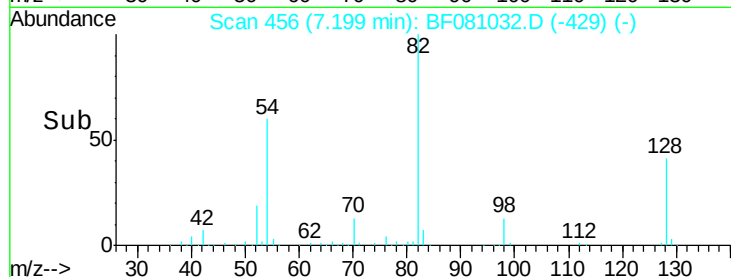
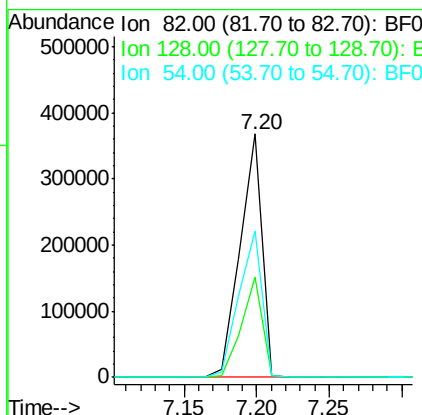
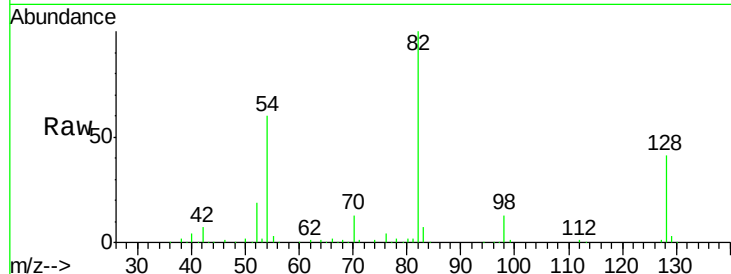




#23
 Nitrobenzene-d5
 Concen: 88.50 ng
 RT: 7.20 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: BF081032.D
 Acq: 18 Aug 2015 6:22

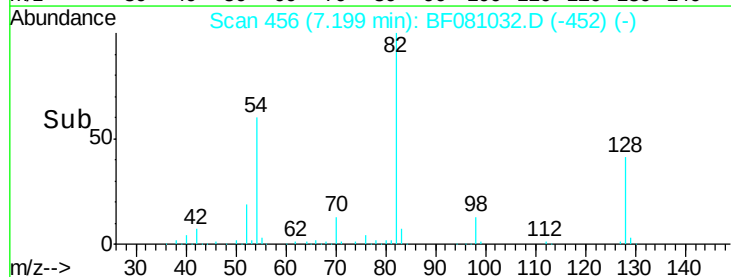
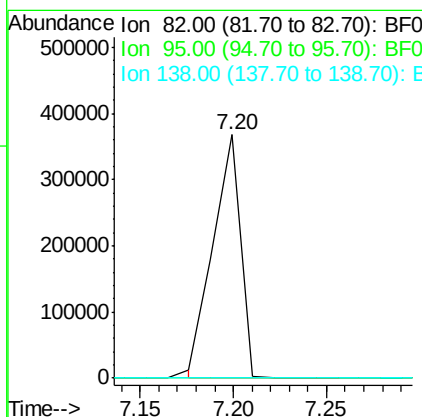
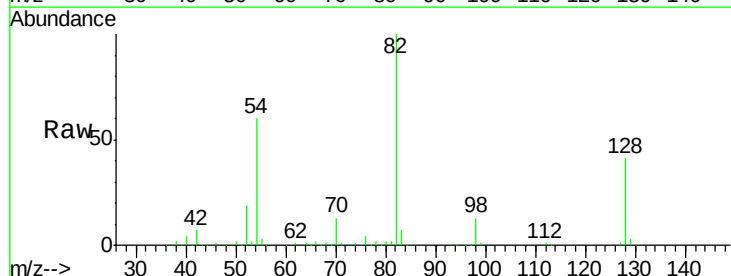
Instrument :
 BNA_F
 ClientSampled :
 2A(0-2)-3

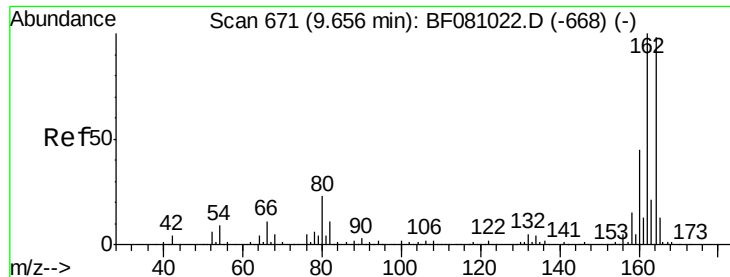
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	28.6	42.8
54	60.2	55.1	82.7



#25
 Isophorone
 Concen: 46.51 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.25 min
 Lab File: BF081032.D
 Acq: 18 Aug 2015 6:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081032.D

Acq: 18 Aug 2015 6:22

Instrument :

BNA_F

ClientSampleId :

2A(0-2)-3

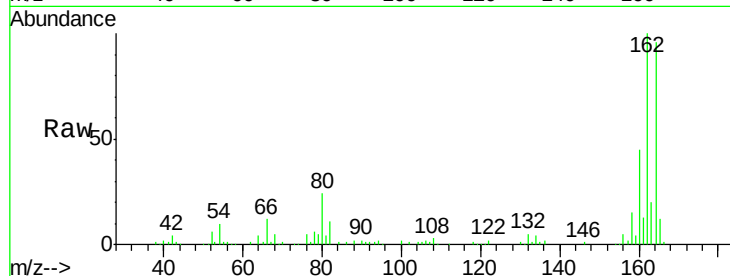
Tot Ion:164 Resp: 89513

Ion Ratio Lower Upper

164 100

162 104.1 83.8 125.8

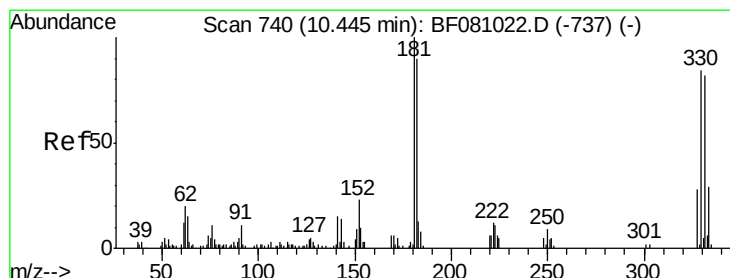
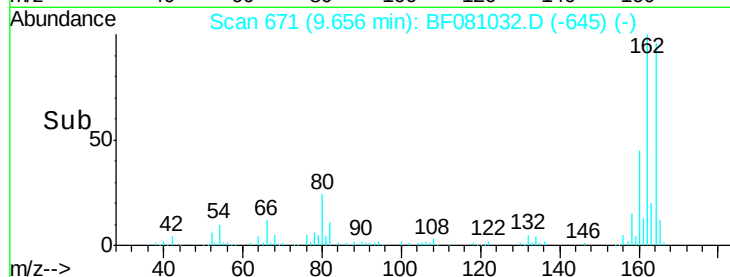
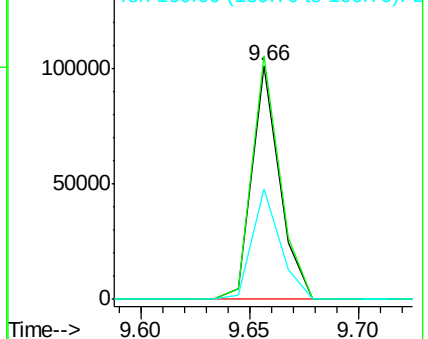
160 47.0 39.8 59.8



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: 103.34 ng

RT: 10.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF081032.D

Acq: 18 Aug 2015 6:22

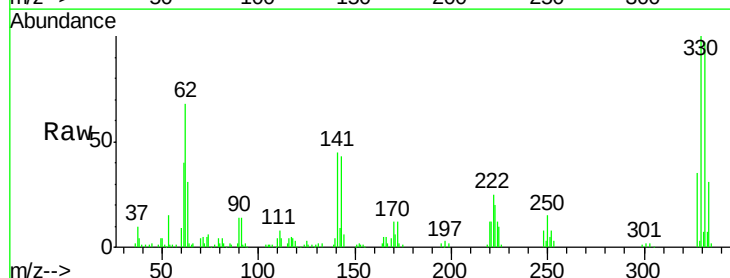
Tgt Ion:330 Resp: 80188

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

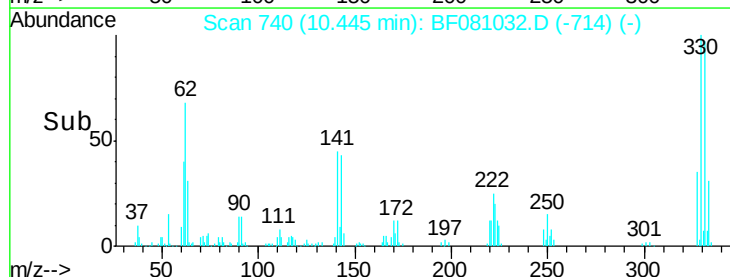
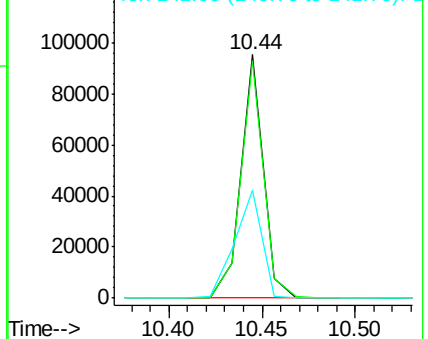
141 53.7 44.9 67.3

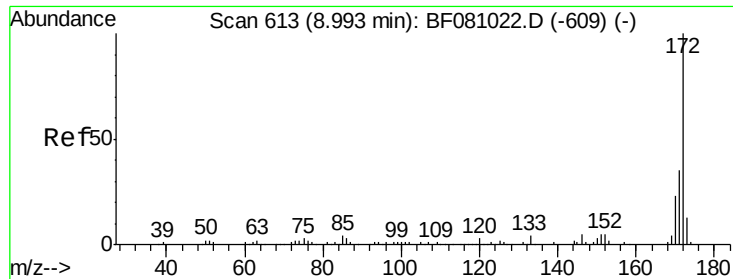


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

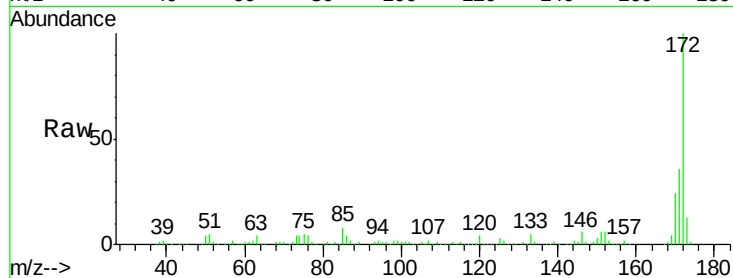




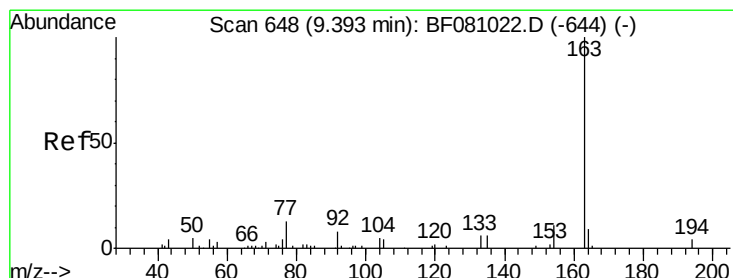
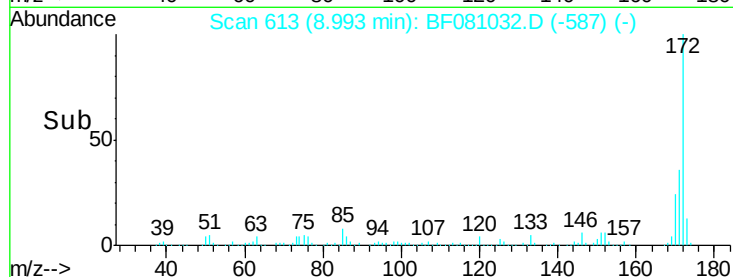
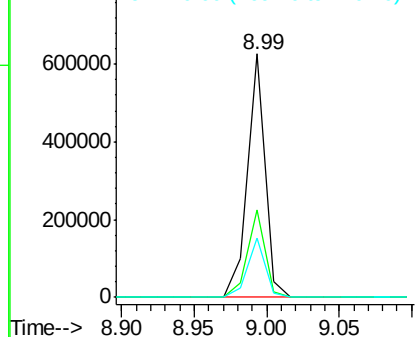
#44
2-Fluorobiphenyl
Concen: 77.34 ng
RT: 8.99 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF081032.D
Acq: 18 Aug 2015 6:22

Instrument :
BNA_F
ClientSampleId :
2A(0-2)-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	24.5	19.4	29.2

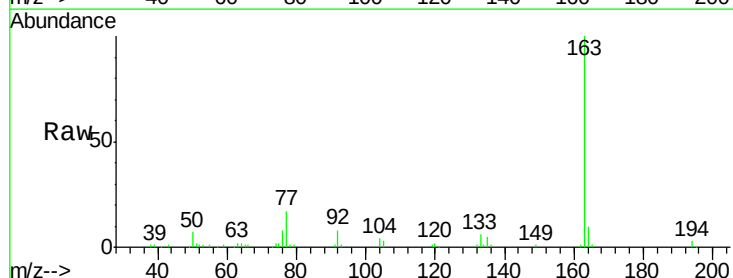


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

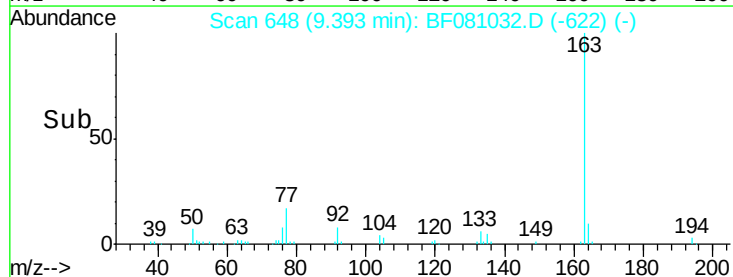
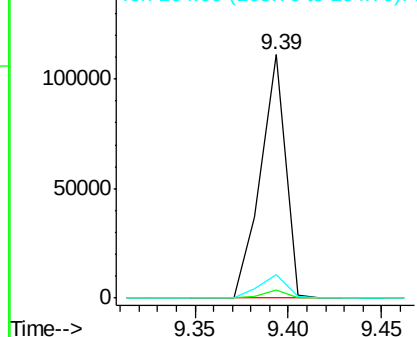


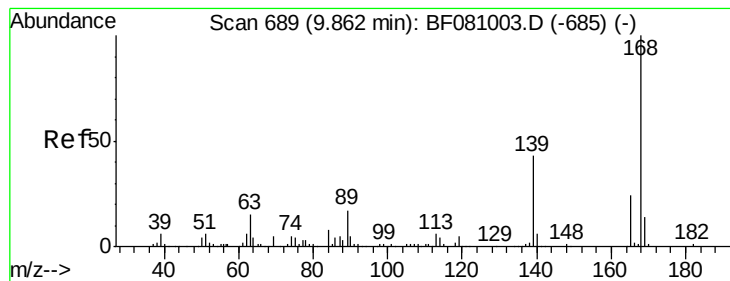
#49
Dimethylphthalate
Concen: 13.93 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081032.D
Acq: 18 Aug 2015 6:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.5	3.7
164	9.6	8.1	12.1



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

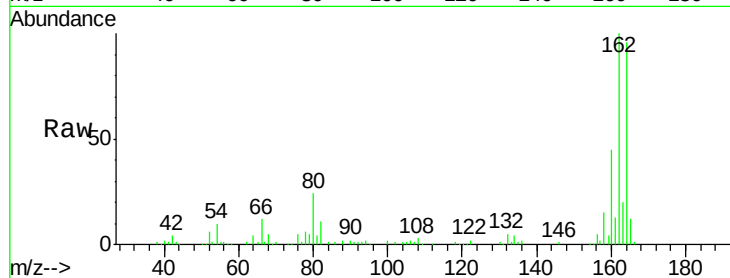




#56
 2,4-Dinitrotoluene
 Concen: 5.30 ng
 RT: 9.66 min Scan# 671
 Delta R.T. -0.19 min
 Lab File: BF081032.D
 Acq: 18 Aug 2015 6:22

Instrument :
 BNA_F
 ClientSampleId :
 2A(0-2)-3

Tot Ion:	165	Resp:	11122
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#

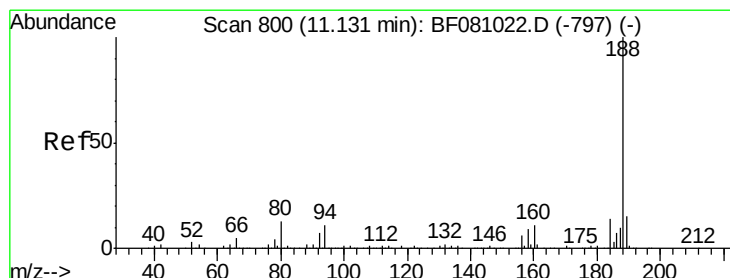
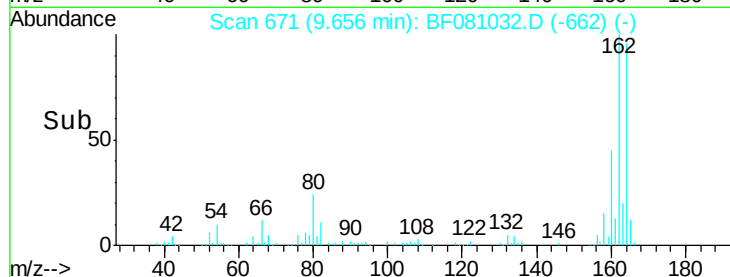
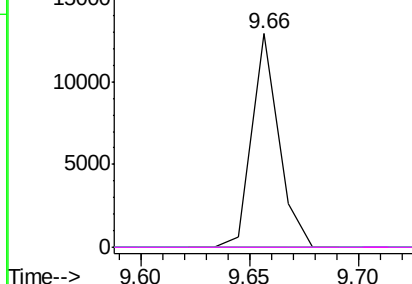


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

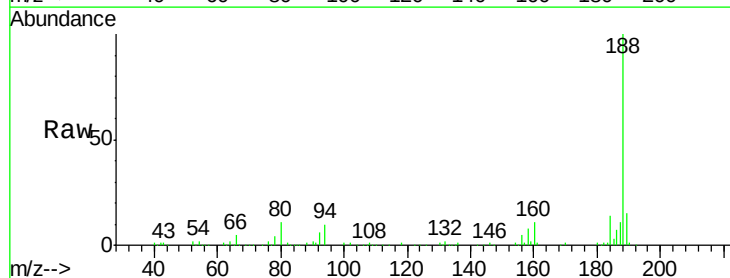
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081032.D
 Acq: 18 Aug 2015 6:22

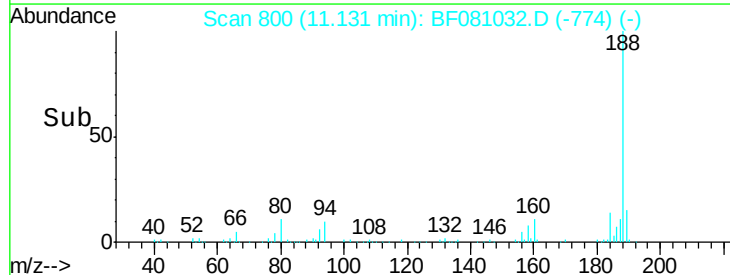
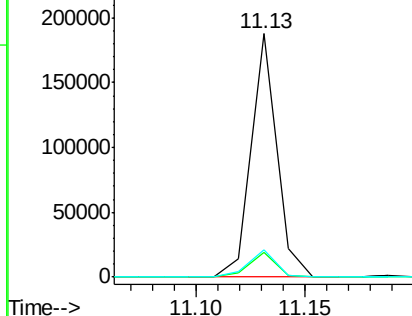
Tgt Ion:	188	Resp:	154148
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.2	12.2
80	11.3	9.5	14.3

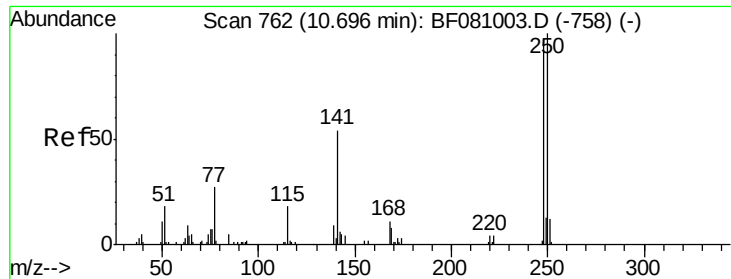


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.17 ng

RT: 10.44 min Scan# 740

Delta R.T. -0.24 min

Lab File: BF081032.D

Acq: 18 Aug 2015 6:22

Instrument :

BNA_F

ClientSampleId :

2A(0-2)-3

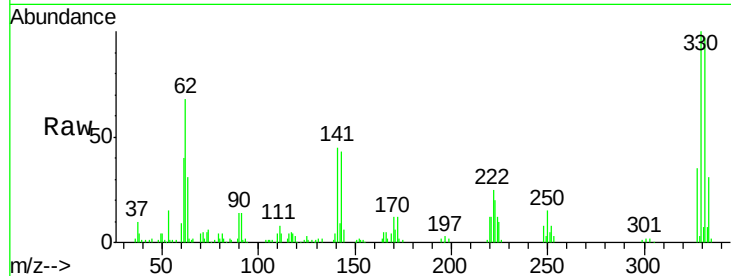
Tot Ion:248 Resp: 6309

Ion Ratio Lower Upper

248 100

250 204.1 77.8 116.6#

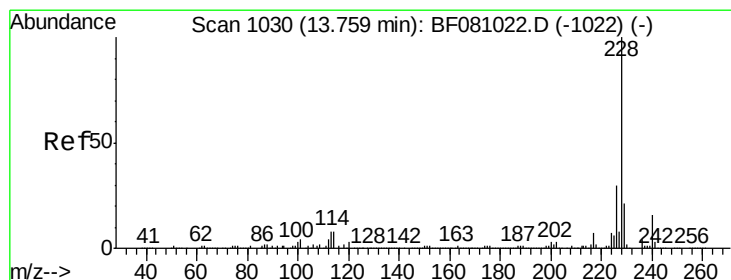
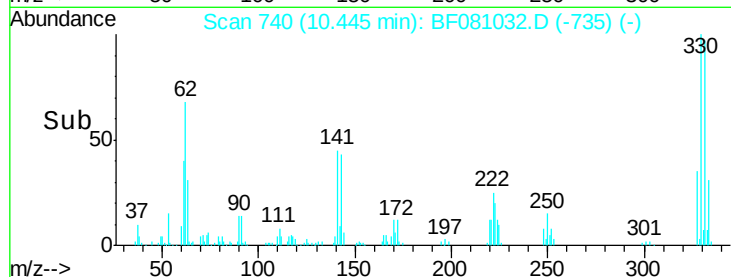
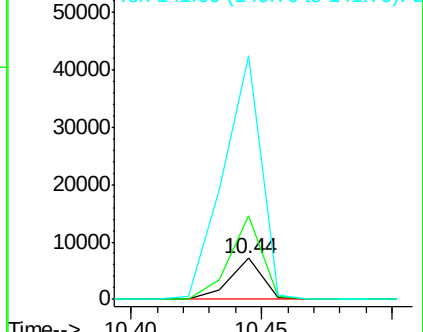
141 591.4 39.8 59.6#



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: 13.75 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF081032.D

Acq: 18 Aug 2015 6:22

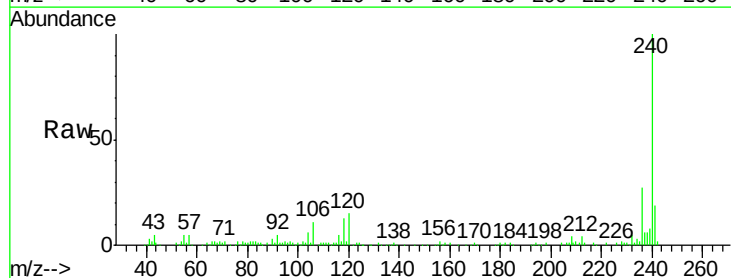
Tgt Ion:240 Resp: 124416

Ion Ratio Lower Upper

240 100

120 14.8 5.6 8.4#

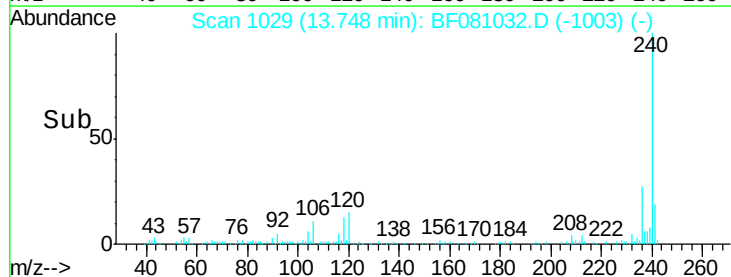
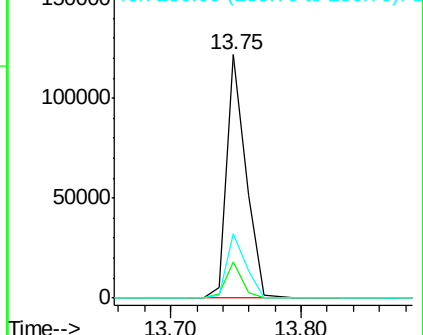
236 26.5 20.6 30.8

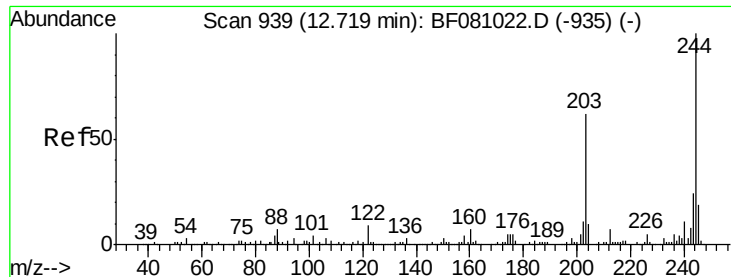


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.12 ng

RT: 12.72 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF081032.D

Acq: 18 Aug 2015 6:22

Instrument :

BNA_F

ClientSampleId :

2A(0-2)-3

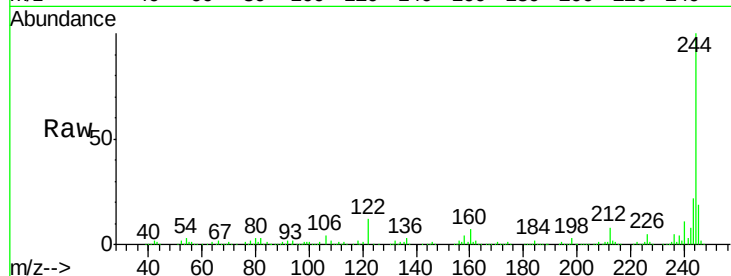
Tot Ion:244 Resp: 383716

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

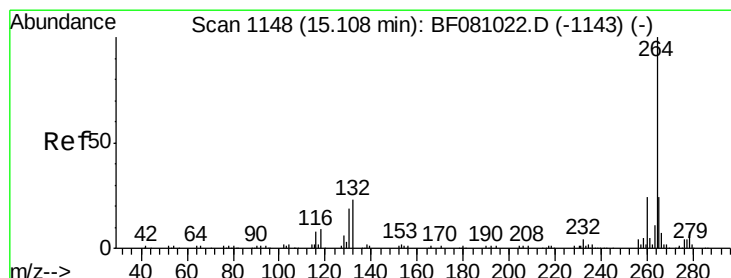
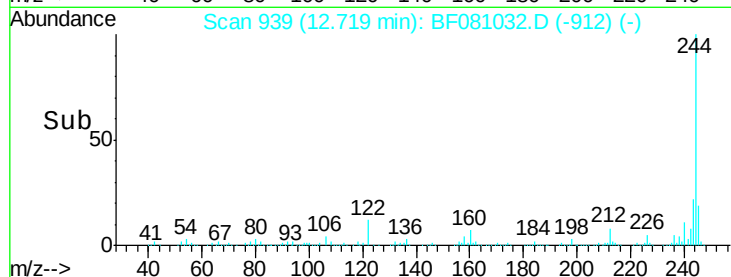
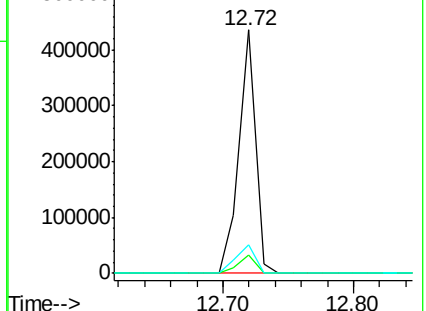
122 11.6 8.2 12.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1148

Delta R.T. 0.01 min

Lab File: BF081032.D

Acq: 18 Aug 2015 6:22

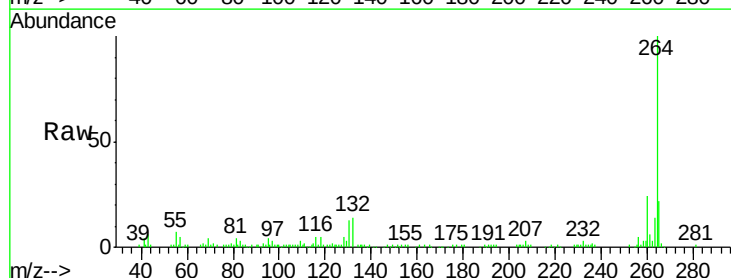
Tgt Ion:264 Resp: 95064

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 21.7 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

