

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081274.D
 Acq On : 29 Aug 2015 16:49
 Operator : UM/IZ
 Sample : PB85281BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:06:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

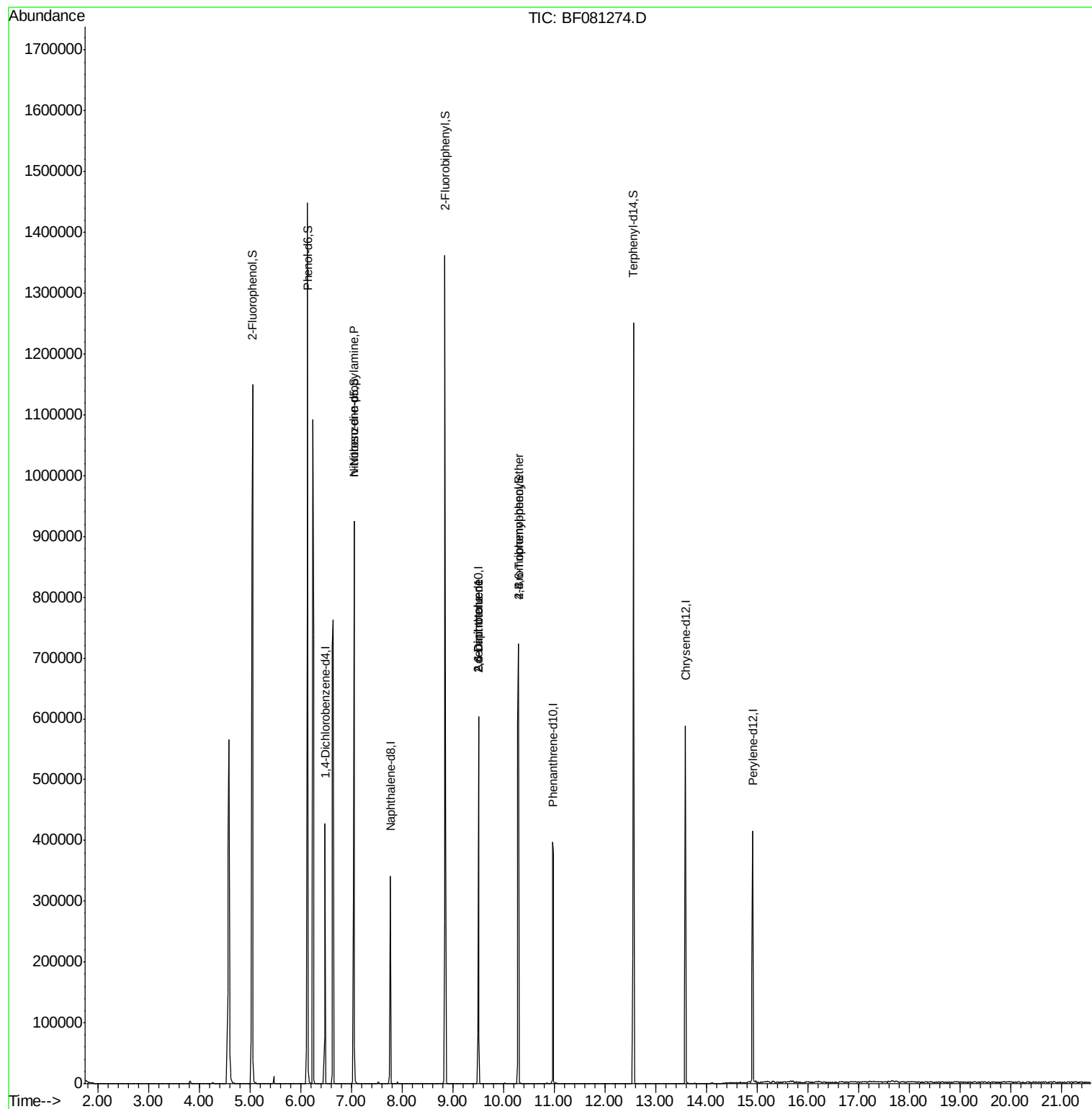
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	58685	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	222802	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	111812	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	220810	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	191973	20.00	ng	-0.07
86) Perylene-d12	14.92	264	163038	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	385877	98.90	ng	-0.05
7) Phenol-d6	6.14	99	542439	106.55	ng	-0.06
23) Nitrobenzene-d5	7.05	82	299360	61.38	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	98248	101.37	ng	-0.06
44) 2-Fluorobiphenyl	8.85	172	480114	56.26	ng	-0.06
78) Terphenyl-d14	12.56	244	491016	54.83	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.05	70	40905	11.60	ng	# 70
50) 2,6-Dinitrotoluene	9.51	165	13925	7.04	ng	# 20
56) 2,4-Dinitrotoluene	9.51	165	13925	5.31	ng	# 16
66) 4-Bromophenyl-phenylether	10.30	248	7702	3.55	ng	# 1

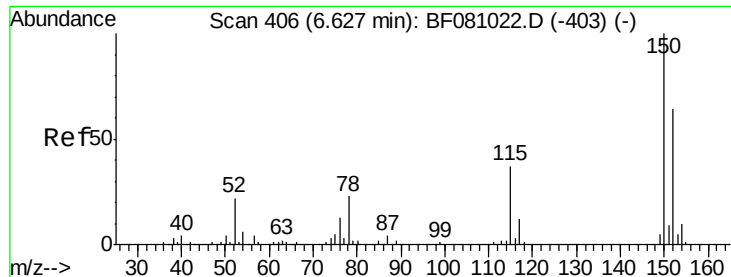
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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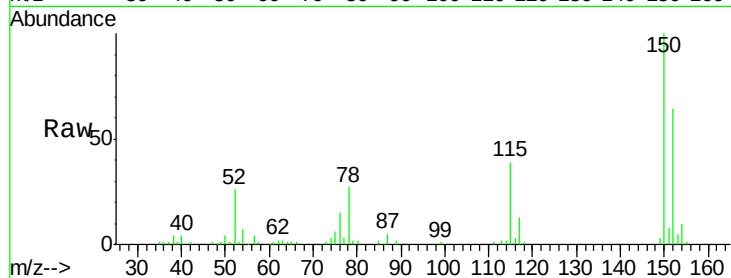


#1

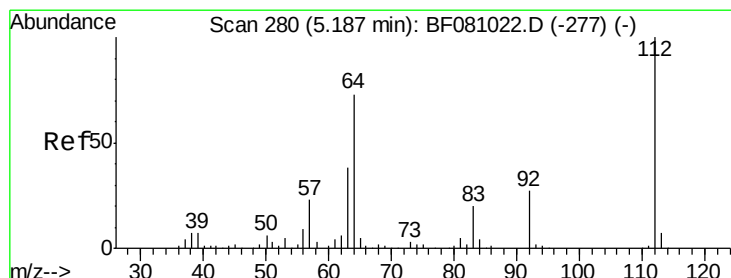
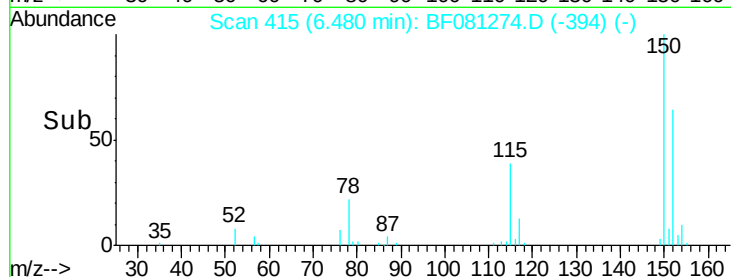
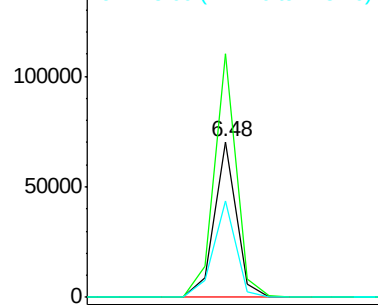
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 415
Delta R.T. -0.06 min
Lab File: BF081274.D
Acq: 29 Aug 2015 16:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 58685
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.6
115 61.8 52.1 78.1



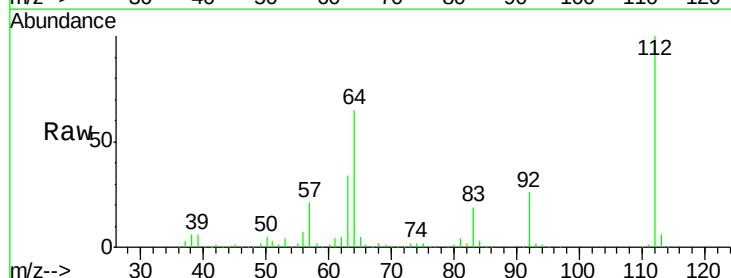
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



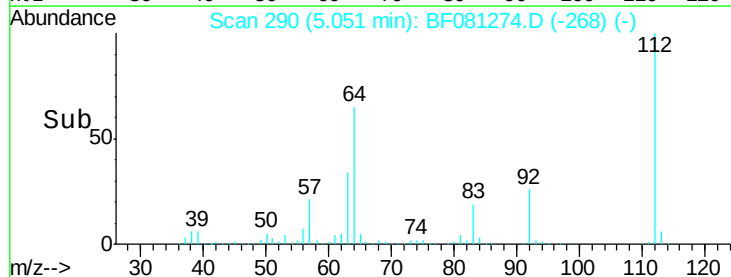
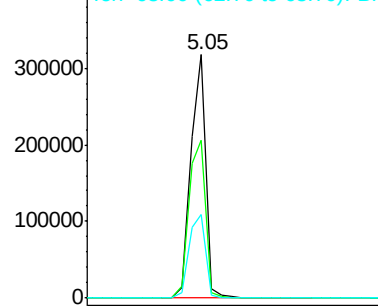
#5

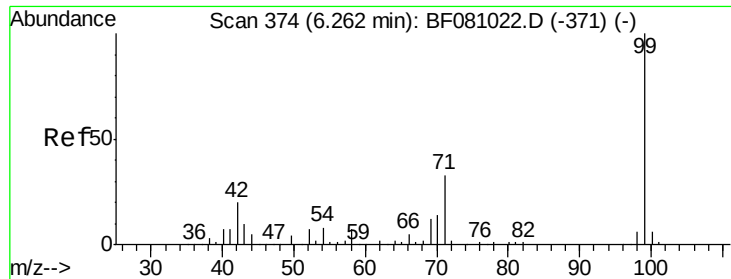
2-Fluorophenol
Concen: 98.90 ng
RT: 5.05 min Scan# 290
Delta R.T. -0.05 min
Lab File: BF081274.D
Acq: 29 Aug 2015 16:49

Tgt Ion:112 Resp: 385877
Ion Ratio Lower Upper
112 100
64 64.8 66.9 100.3#
63 34.2 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: 106.55 ng

RT: 6.14 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF081274.D

Acq: 29 Aug 2015 16:49

Instrument :

BNA_F

ClientSampleId :

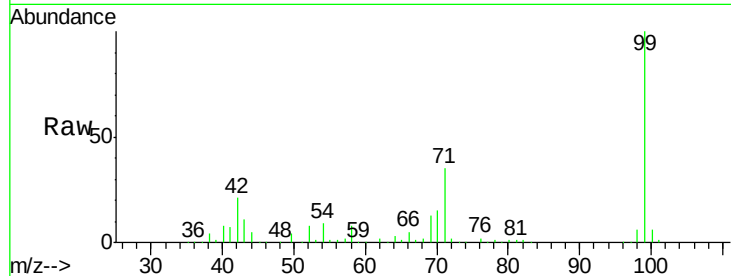
Tot Ion: 99 Resp: 542439

Ion Ratio Lower Upper

99 100

42 20.7 19.6 29.4

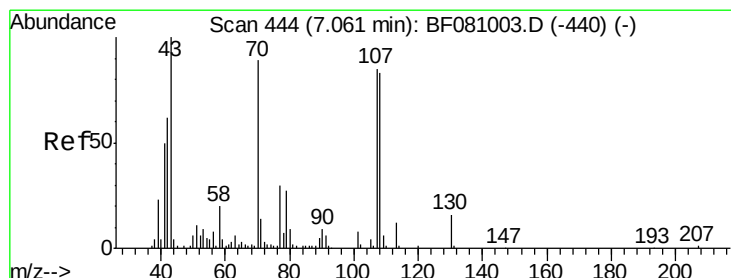
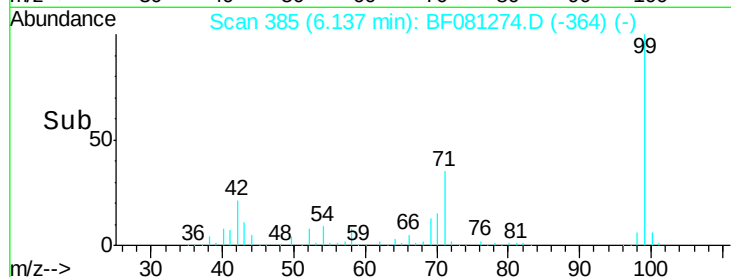
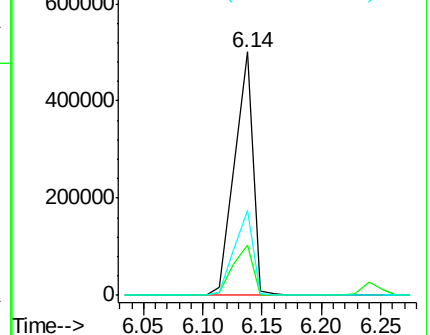
71 34.8 31.2 46.8



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: 11.60 ng

RT: 7.05 min Scan# 465

Delta R.T. 0.07 min

Lab File: BF081274.D

Acq: 29 Aug 2015 16:49

Tgt Ion: 70 Resp: 40905

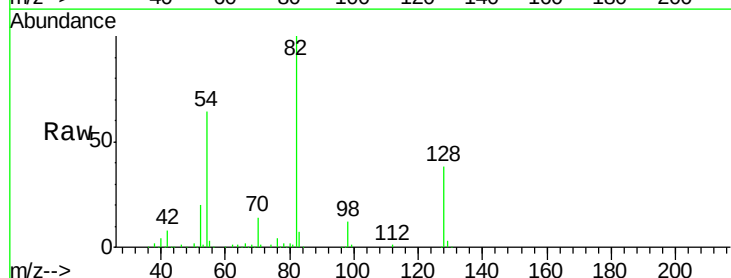
Ion Ratio Lower Upper

70 100

42 54.8 65.0 97.4#

101 0.0 7.4 11.2#

130 1.6 13.0 19.4#

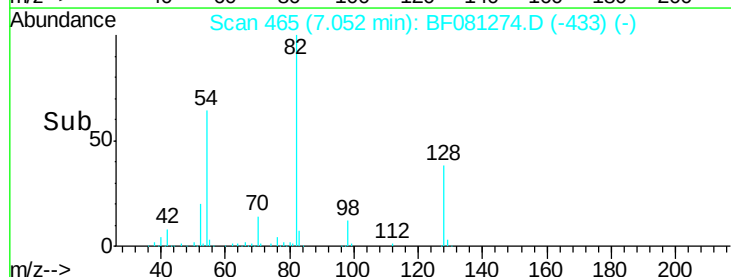
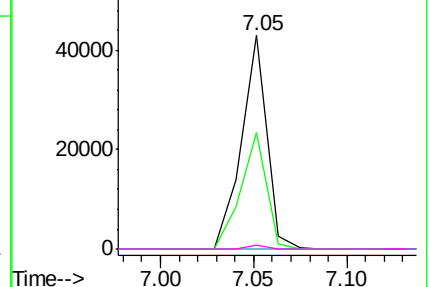


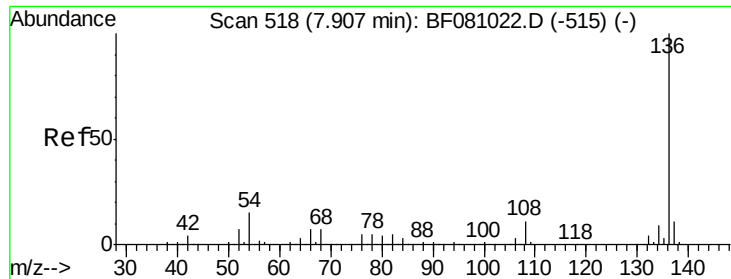
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

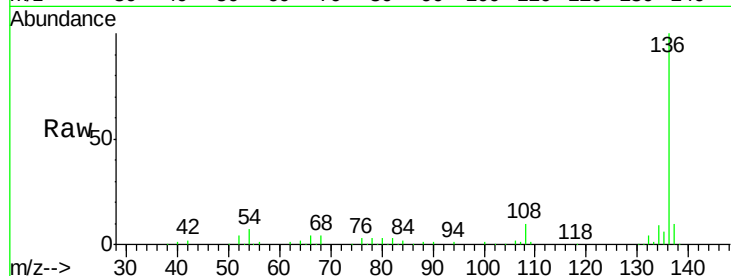




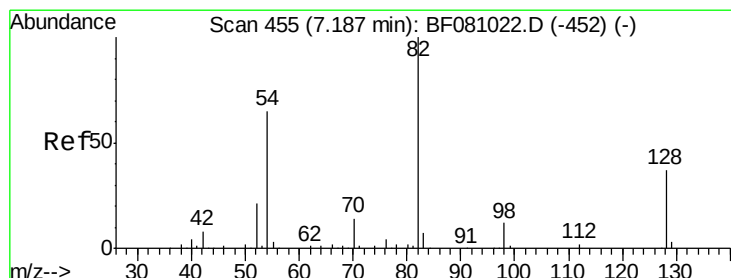
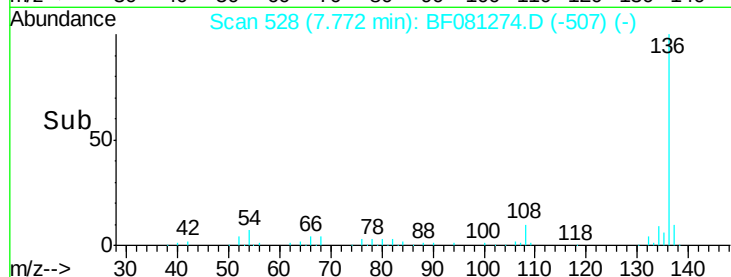
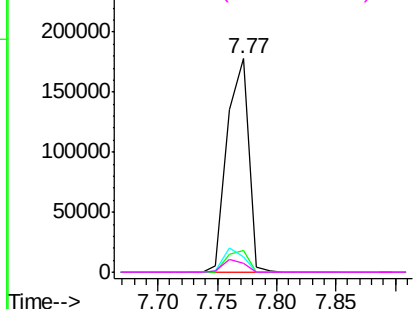
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF081274.D
Acq: 29 Aug 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	222802
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.2	12.2
54	7.5	7.7	11.5#
68	4.3	3.4	5.2

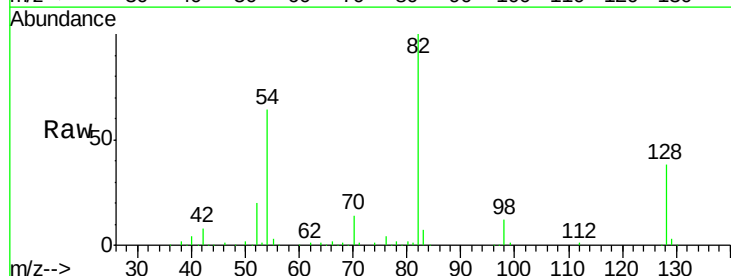


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

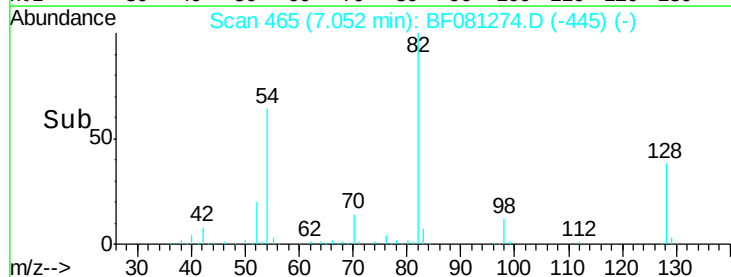
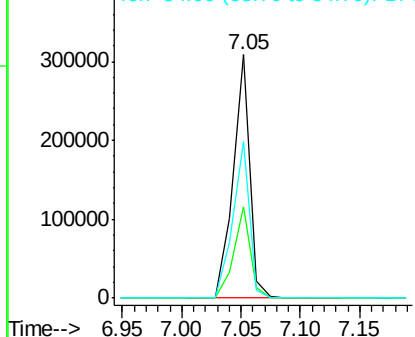


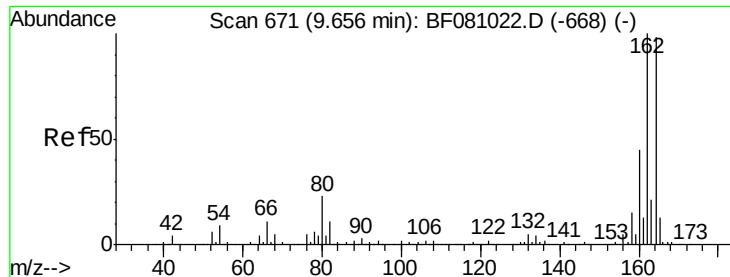
#23
Nitrobenzene-d5
Concen: 61.38 ng
RT: 7.05 min Scan# 465
Delta R.T. -0.07 min
Lab File: BF081274.D
Acq: 29 Aug 2015 16:49

Tgt Ion:	82	Resp:	299360
Ion	Ratio	Lower	Upper
82	100		
128	37.6	28.6	42.8
54	64.3	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

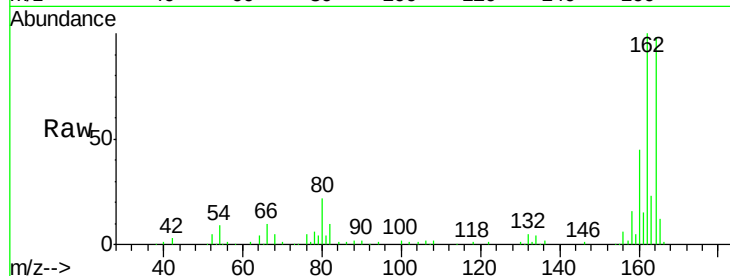




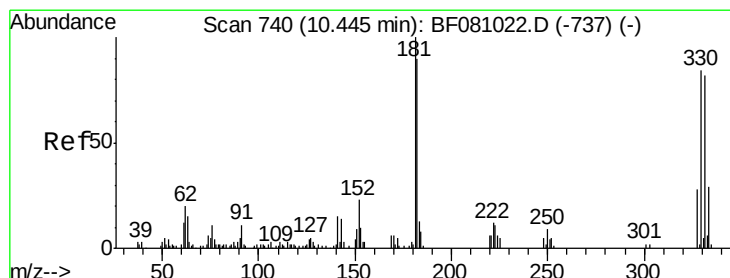
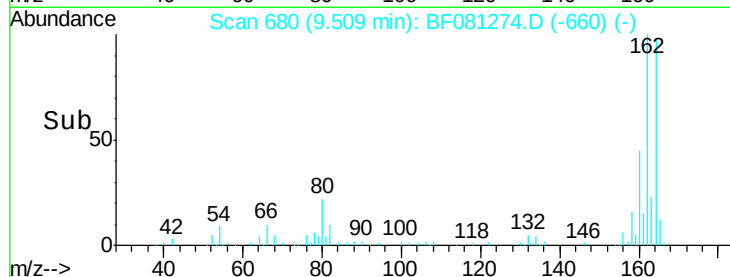
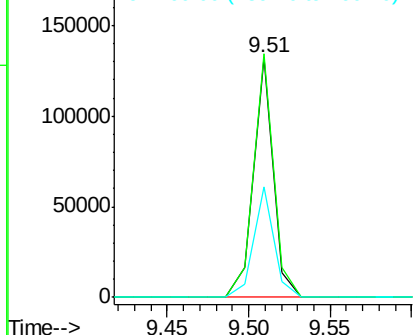
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 680
Delta R.T. -0.07 min
Lab File: BF081274.D
Acq: 29 Aug 2015 16:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 111812
Ion Ratio Lower Upper
164 100
162 101.6 83.8 125.8
160 46.1 39.8 59.8

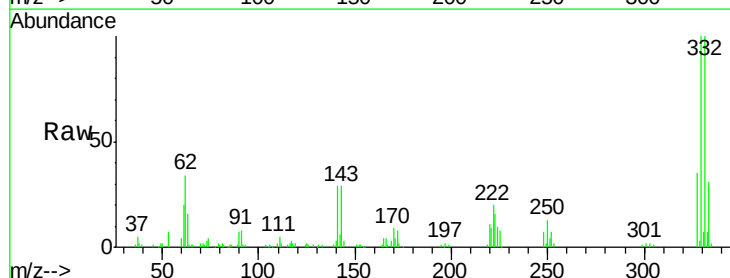


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

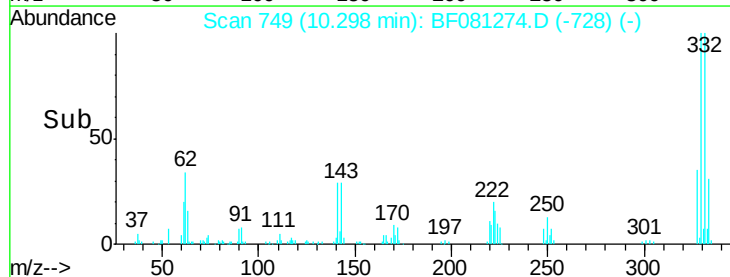
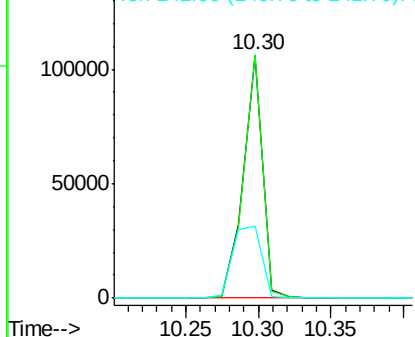


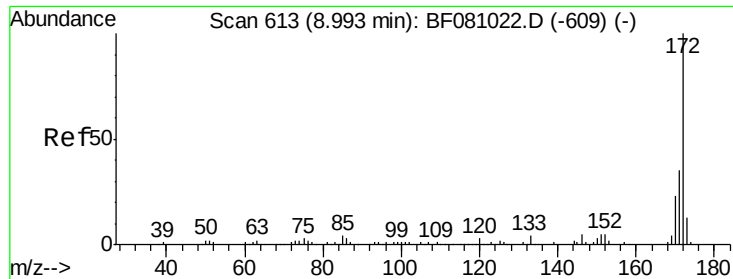
#41
2,4,6-Tribromophenol
Concen: 101.37 ng
RT: 10.30 min Scan# 749
Delta R.T. -0.06 min
Lab File: BF081274.D
Acq: 29 Aug 2015 16:49

Tgt Ion:330 Resp: 98248
Ion Ratio Lower Upper
330 100
332 99.3 77.3 115.9
141 44.4 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

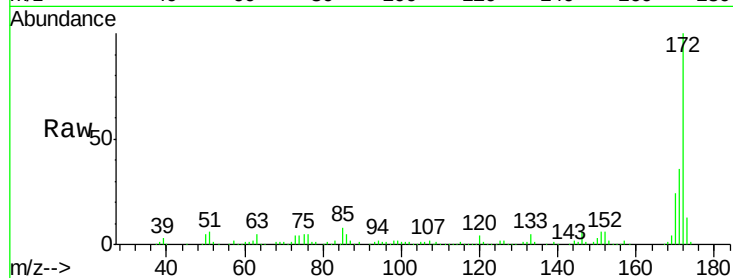




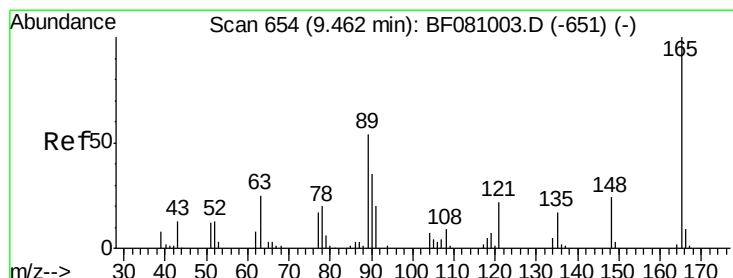
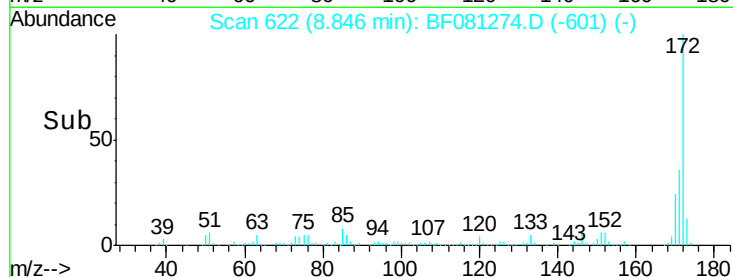
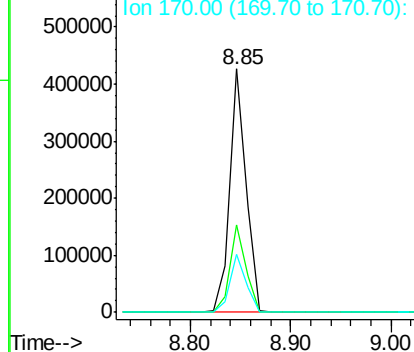
#44
2-Fluorobiphenyl
Concen: 56.26 ng
RT: 8.85 min Scan# 622
Delta R.T. -0.06 min
Lab File: BF081274.D
Acq: 29 Aug 2015 16:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 480114
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.8 19.4 29.2

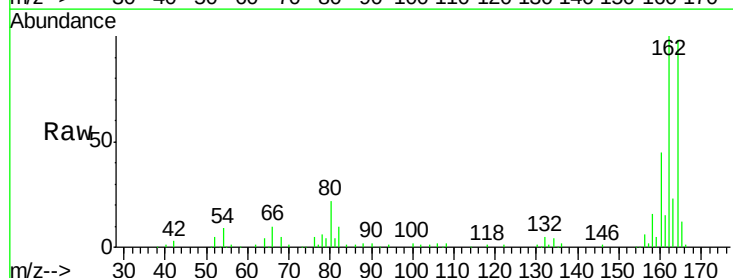


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

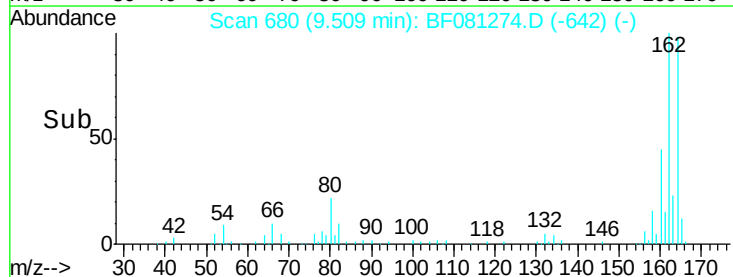
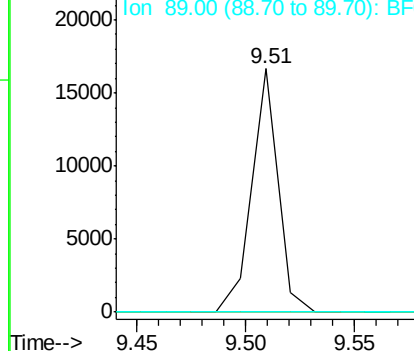


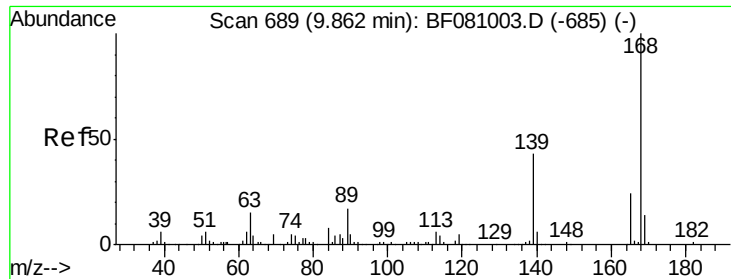
#50
2,6-Dinitrotoluene
Concen: 7.04 ng
RT: 9.51 min Scan# 680
Delta R.T. 0.14 min
Lab File: BF081274.D
Acq: 29 Aug 2015 16:49

Tgt Ion:165 Resp: 13925
Ion Ratio Lower Upper
165 100
63 0.0 49.5 74.3#
89 0.0 47.6 71.4#



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

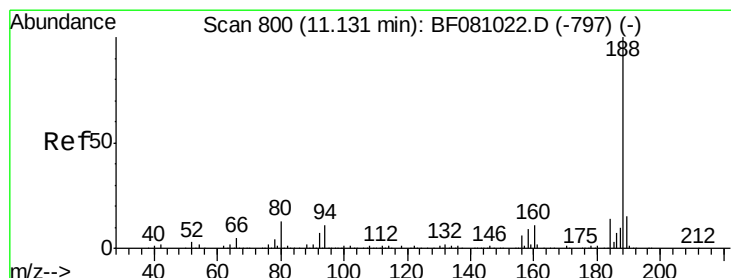
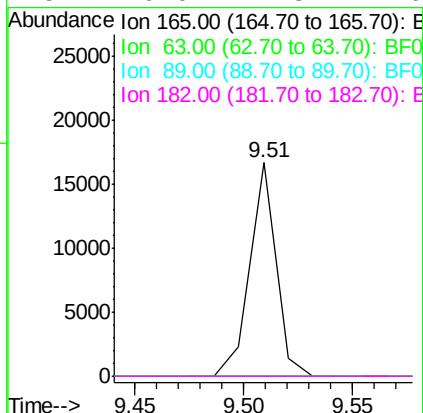
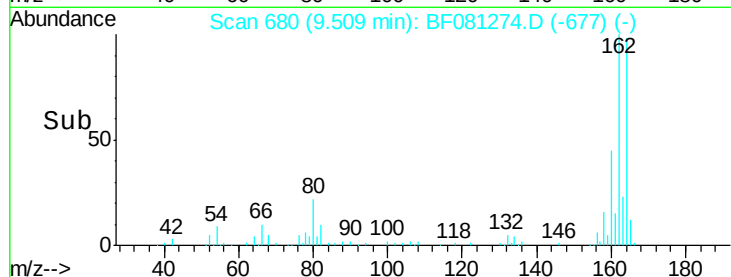
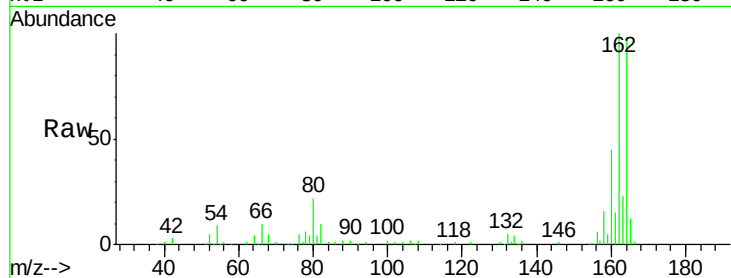




#56
 2,4-Dinitrotoluene
 Concen: 5.31 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.26 min
 Lab File: BF081274.D
 Acq: 29 Aug 2015 16:49

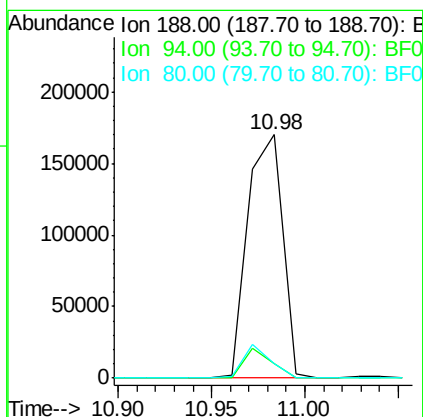
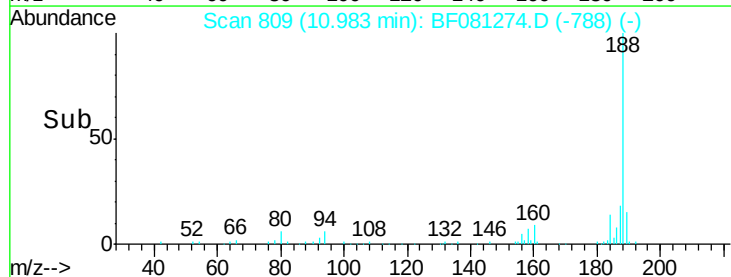
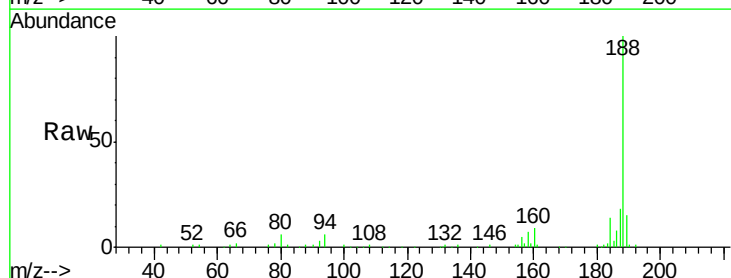
Instrument :
 BNA_F
 ClientSampled :

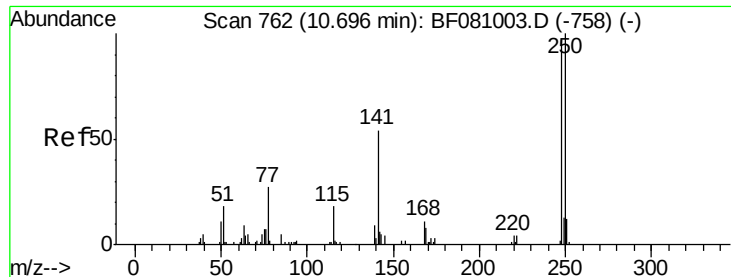
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.98 min Scan# 809
 Delta R.T. -0.06 min
 Lab File: BF081274.D
 Acq: 29 Aug 2015 16:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	8.2	12.2#
80	5.9	9.5	14.3#





#66

4-Bromophenyl-phenylether

Concen: 3.55 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.30 min

Lab File: BF081274.D

Acq: 29 Aug 2015 16:49

Instrument :

BNA_F

ClientSampleId :

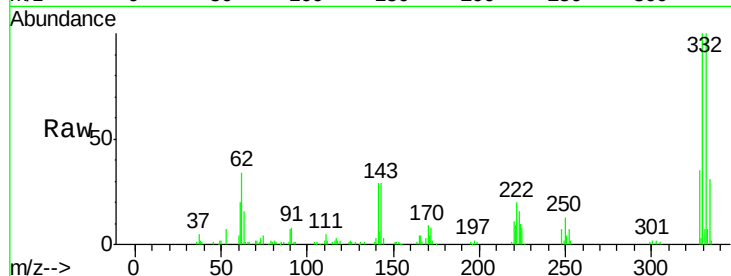
Tot Ion:248 Resp: 7702

Ion Ratio Lower Upper

248 100

250 186.5 77.8 116.6#

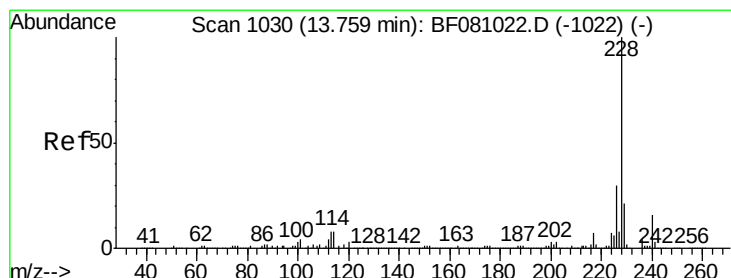
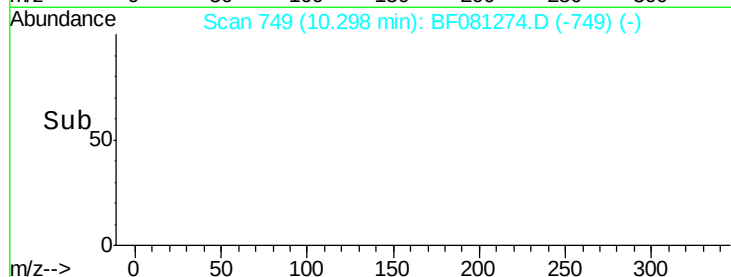
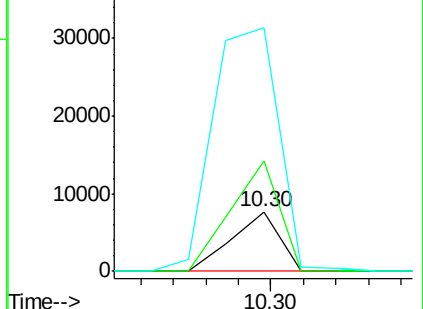
141 408.9 39.8 59.6#



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: 13.59 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF081274.D

Acq: 29 Aug 2015 16:49

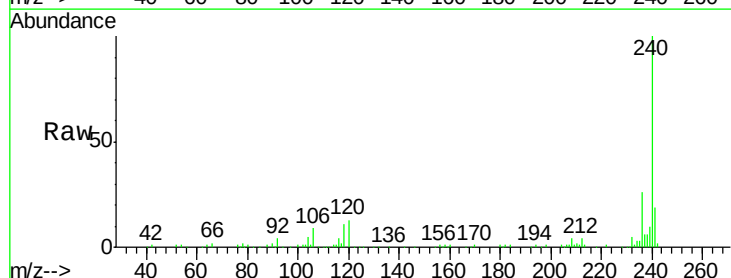
Tgt Ion:240 Resp: 191973

Ion Ratio Lower Upper

240 100

120 13.0 5.6 8.4#

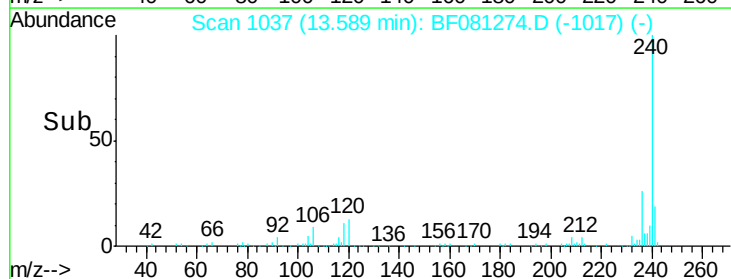
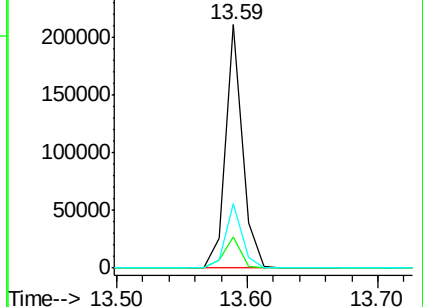
236 26.4 20.6 30.8

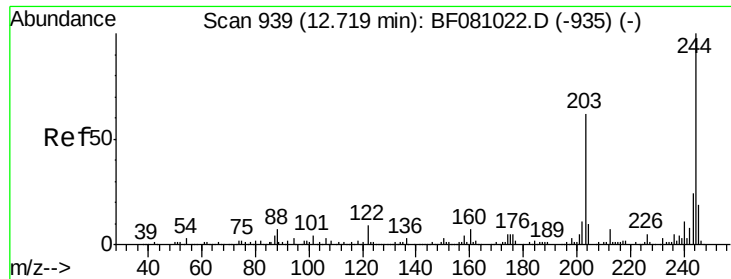


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

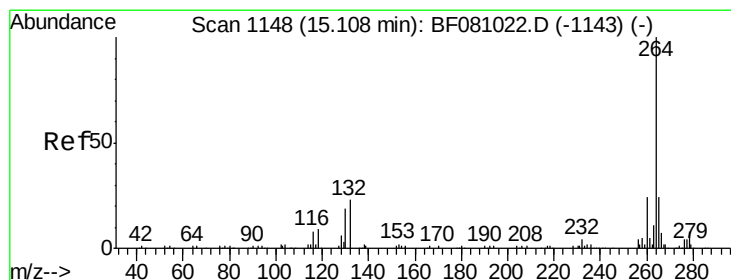
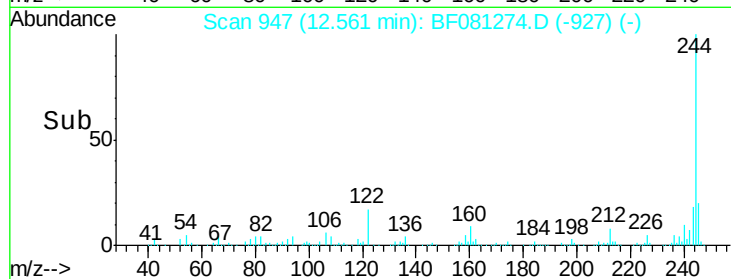
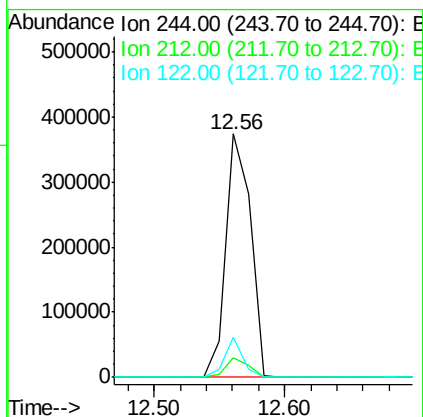
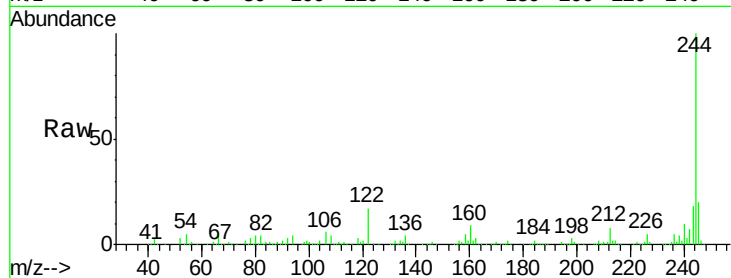




#78
 Terphenyl-d14
 Concen: 54.83 ng
 RT: 12.56 min Scan# 947
 Delta R.T. -0.07 min
 Lab File: BF081274.D
 Acq: 29 Aug 2015 16:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 491016
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 16.7 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081274.D
 Acq: 29 Aug 2015 16:49

Tgt Ion:264 Resp: 163038
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 20.7 17.5 26.3

