

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081132.D
 Acq On : 20 Aug 2015 19:08
 Operator : UM/IZ
 Sample : G3345-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-2

Quant Time: Aug 21 01:37:01 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

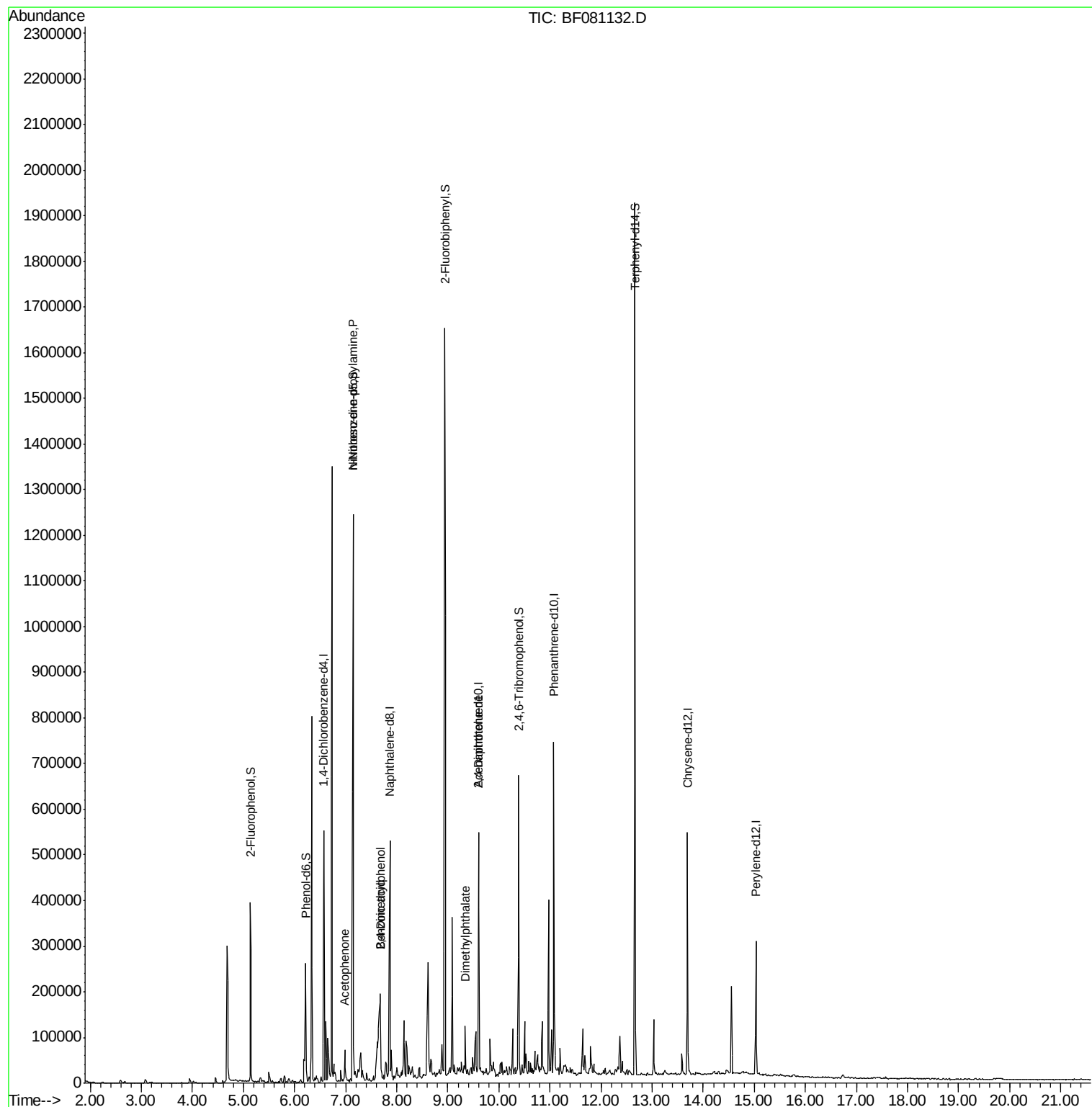
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	72165	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	288009	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	123767	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	238504	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	169812	20.00	ng	-0.01
86) Perylene-d12	15.03	264	106395	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	126072	26.28	ng	-0.01
7) Phenol-d6	6.22	99	114584	18.30	ng	-0.01
23) Nitrobenzene-d5	7.14	82	398482	63.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.39	330	57397	53.50	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	658963	69.76	ng	-0.02
78) Terphenyl-d14	12.67	244	561422	70.88	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	55759	12.86	ng	# 69
22) Acetophenone	6.98	105	19018	2.52	ng	# 92
27) 2,4-Dimethylphenol	7.68	122	105178	21.69	ng	# 1
32) Benzoic acid	7.68	122	105891	38.82	ng	90
49) Dimethylphthalate	9.34	163	34892	3.42	ng	100
56) 2,4-Dinitrotoluene	9.60	165	15588	5.37	ng	# 20

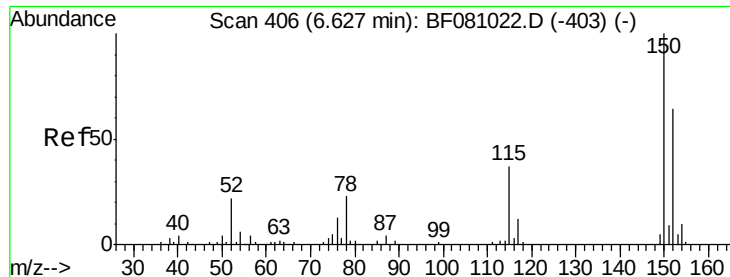
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081132.D
Acq On : 20 Aug 2015 19:08
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-2

Quant Time: Aug 21 01:37:01 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

Instrument :

BNA_F

ClientSampleId :

TEC-2

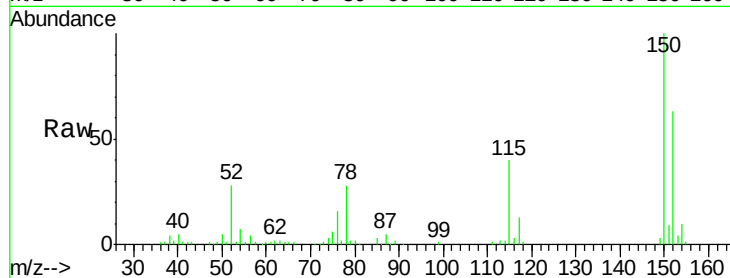
Tot Ion:152 Resp: 72165

Ion Ratio Lower Upper

152 100

150 158.3 123.8 185.6

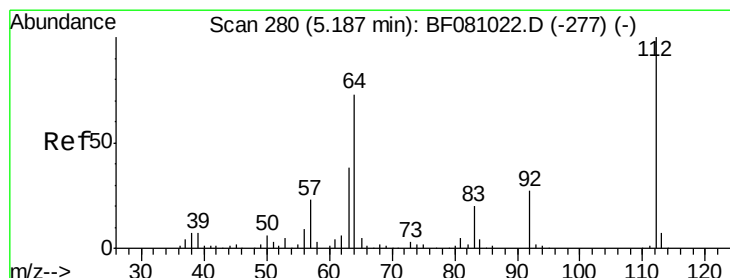
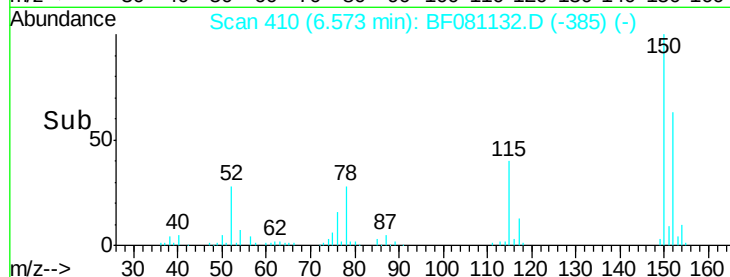
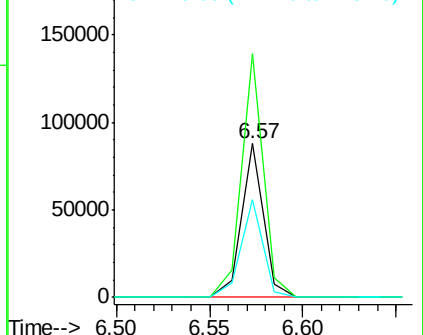
115 63.7 52.1 78.1



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: 26.28 ng

RT: 5.13 min Scan# 284

Delta R.T. -0.01 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

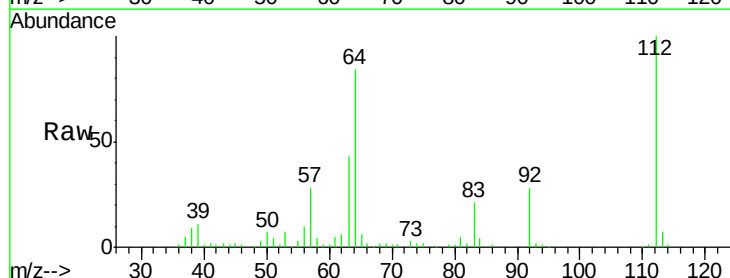
Tgt Ion:112 Resp: 126072

Ion Ratio Lower Upper

112 100

64 83.6 66.9 100.3

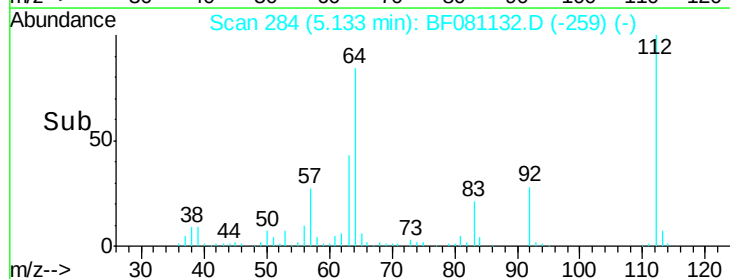
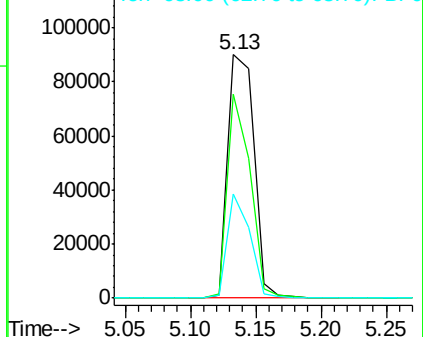
63 42.9 38.1 57.1

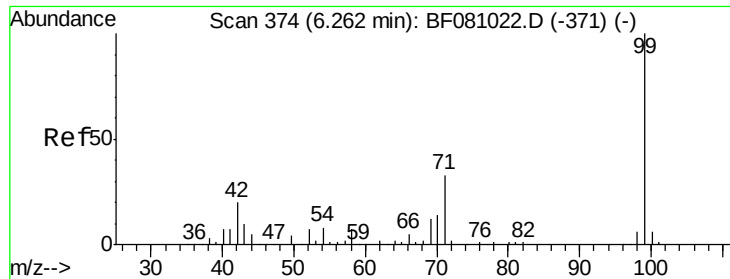


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.30 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

Instrument :

BNA_F

ClientSampleId :

TEC-2

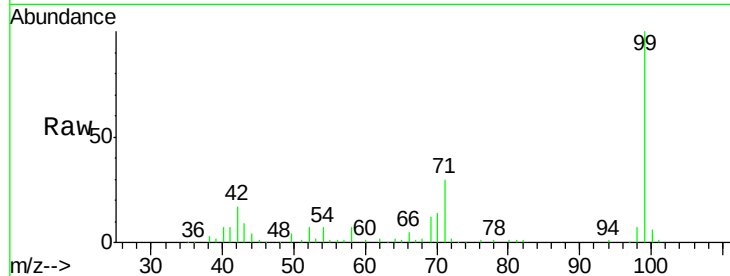
Tot Ion: 99 Resp: 114584

Ion Ratio Lower Upper

99 100

42 17.2 19.6 29.4#

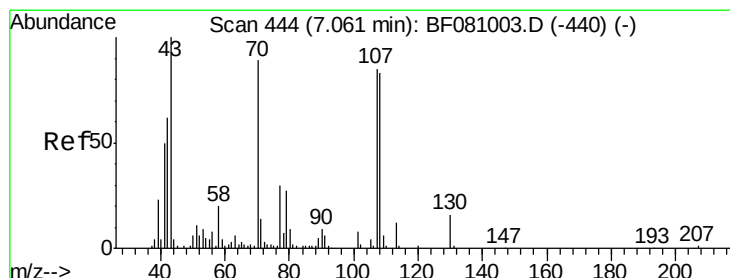
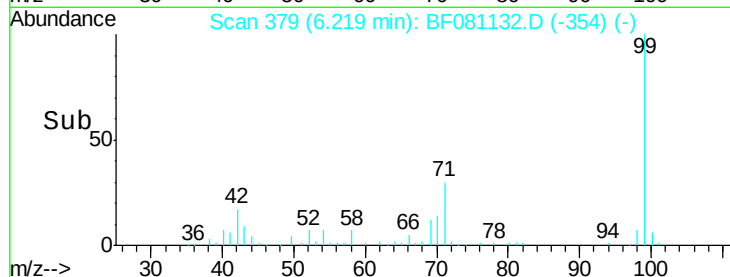
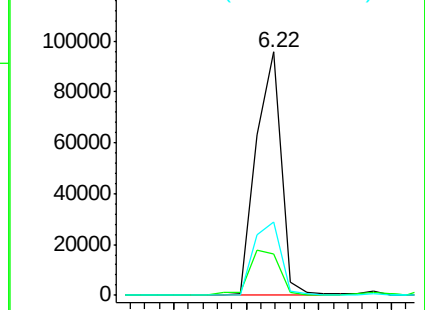
71 30.2 31.2 46.8#



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: 12.86 ng

RT: 7.14 min Scan# 460

Delta R.T. 0.13 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

Tgt Ion: 70 Resp: 55759

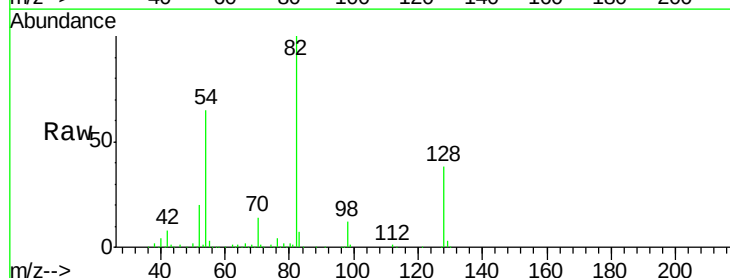
Ion Ratio Lower Upper

70 100

42 53.8 65.0 97.4#

101 0.0 7.4 11.2#

130 1.8 13.0 19.4#

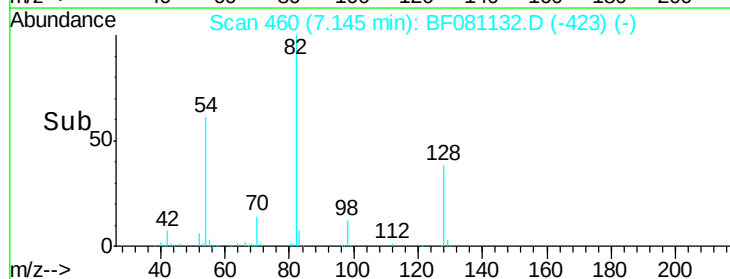
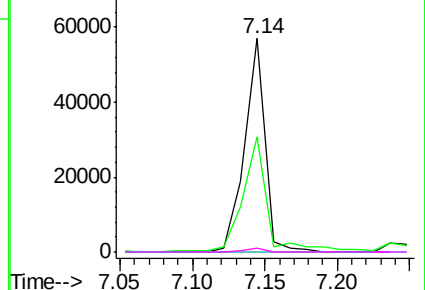


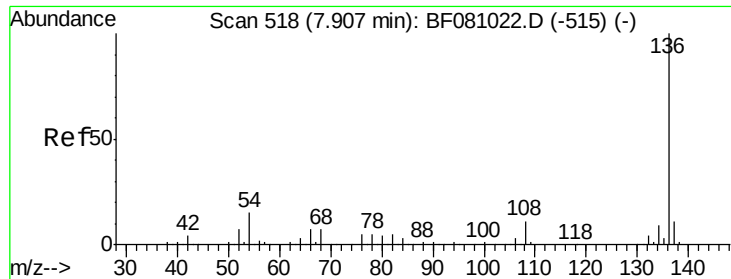
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

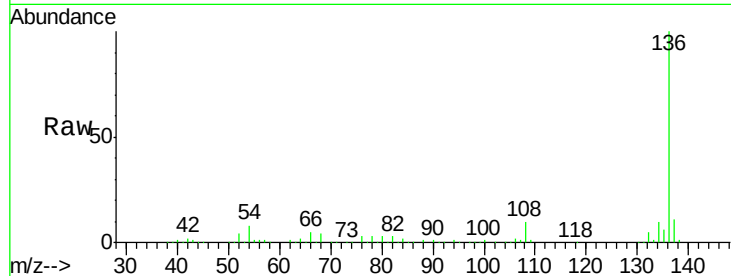




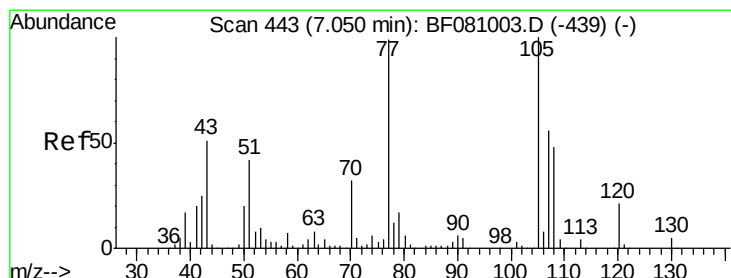
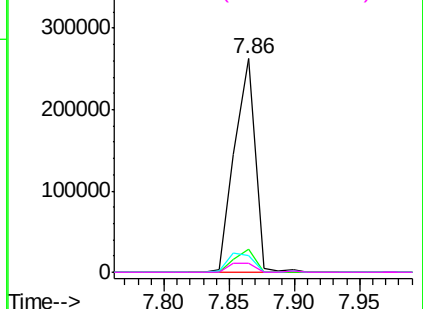
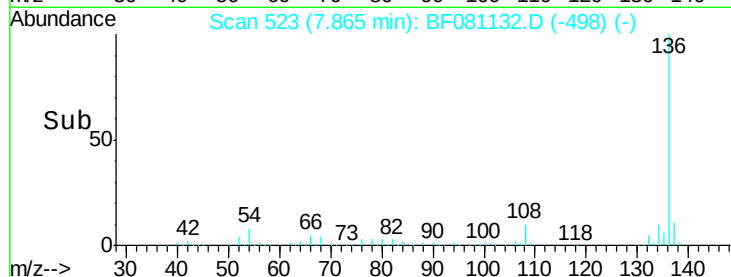
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081132.D
Acq: 20 Aug 2015 19:08

Instrument :
BNA_F
ClientSampleId :
TEC-2

Tot Ion:136	Resp:	288009
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.2 12.2
54	7.9	7.7 11.5
68	4.3	3.4 5.2

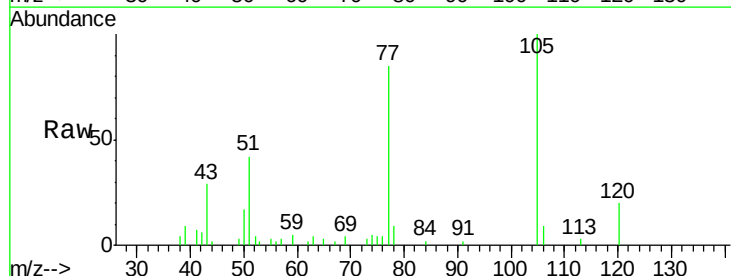


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

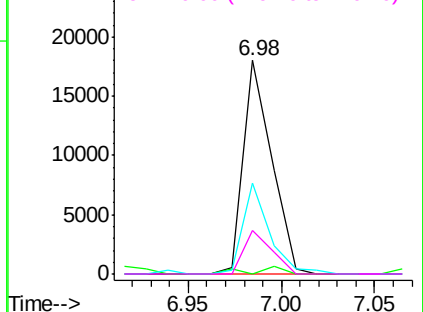
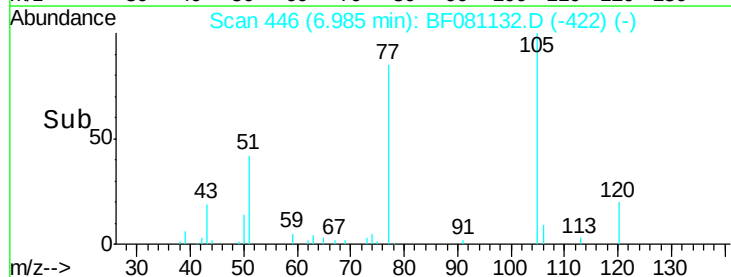


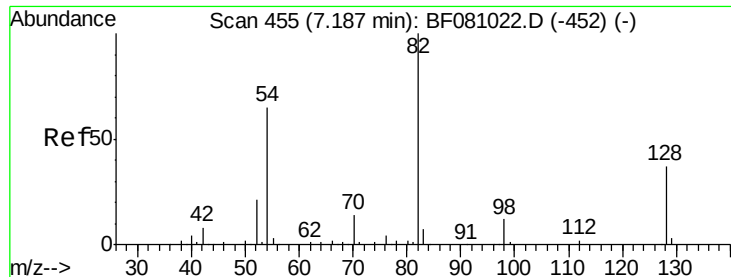
#22
Acetophenone
Concen: 2.52 ng
RT: 6.98 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF081132.D
Acq: 20 Aug 2015 19:08

Tgt Ion:105	Resp:	19018
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.6#
51	42.4	39.8 59.8
120	20.3	15.8 23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

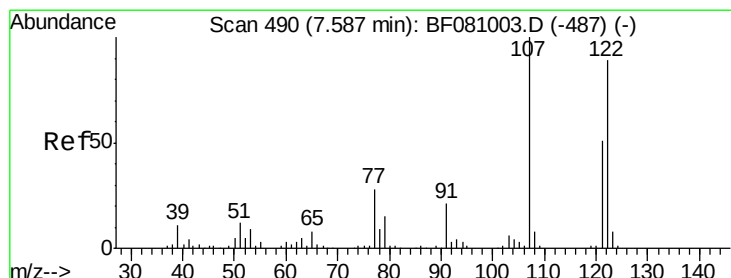
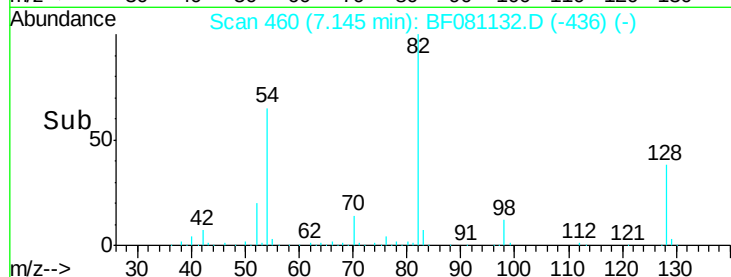
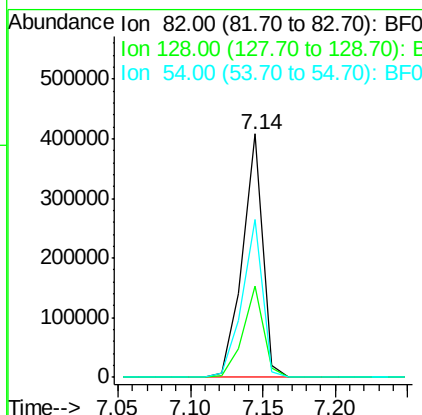
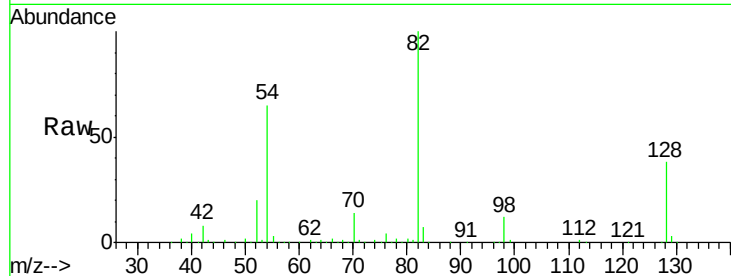




#23
 Nitrobenzene-d5
 Concen: 63.20 ng
 RT: 7.14 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF081132.D
 Acq: 20 Aug 2015 19:08

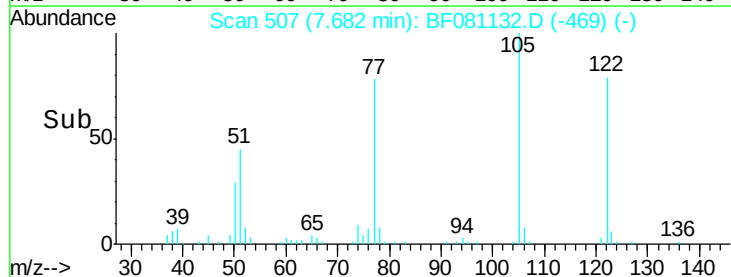
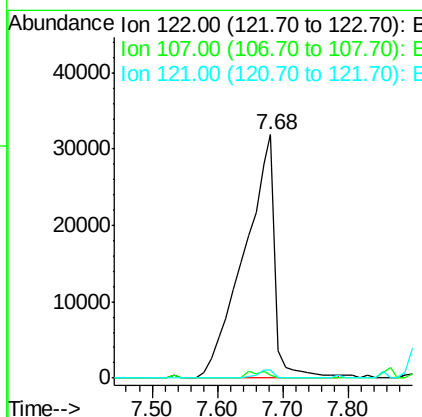
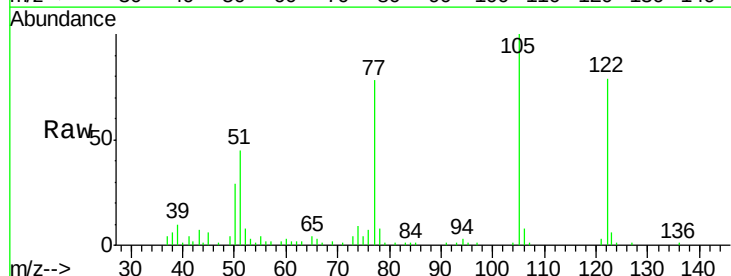
Instrument :
 BNA_F
 ClientSampleId :
 TEC-2

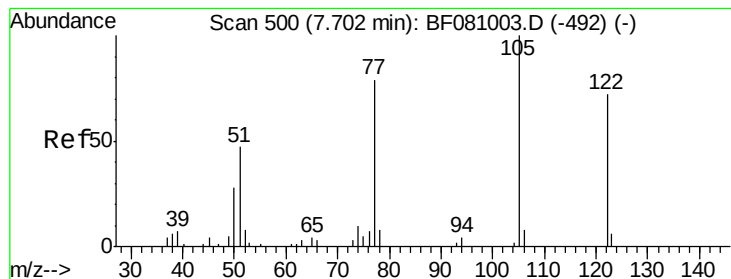
Tot Ion	82	Resp	398482
Ion Ratio	100	Lower	Upper
128	37.6	28.6	42.8
54	64.8	55.1	82.7



#27
 2,4-Dimethylphenol
 Concen: 21.69 ng
 RT: 7.68 min Scan# 507
 Delta R.T. 0.14 min
 Lab File: BF081132.D
 Acq: 20 Aug 2015 19:08

Tgt Ion	122	Resp	105178
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
107	1.0	103.8	155.6#
121	3.6	47.0	70.4#





#32

Benzoic acid

Concen: 38.82 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

Instrument :

BNA_F

ClientSampleID :

TEC-2

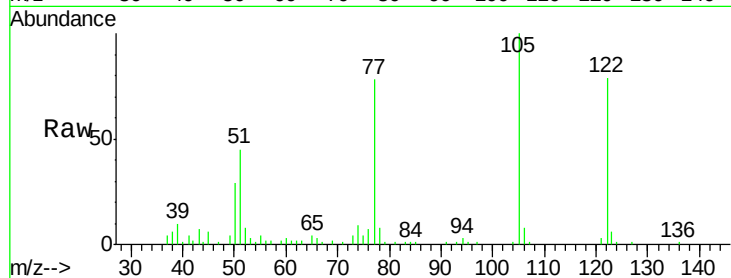
Tot Ion:122 Resp: 105891

Ion Ratio Lower Upper

122 100

105 126.5 113.8 153.8

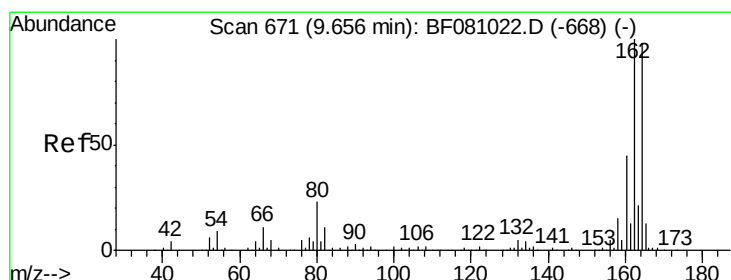
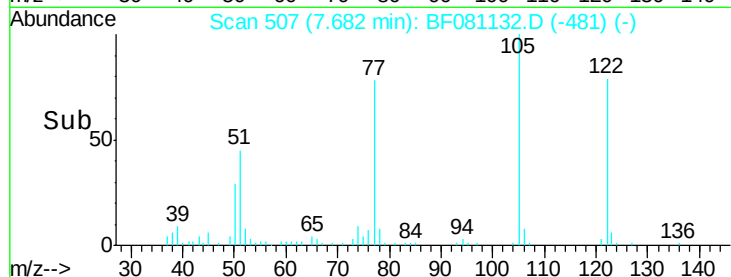
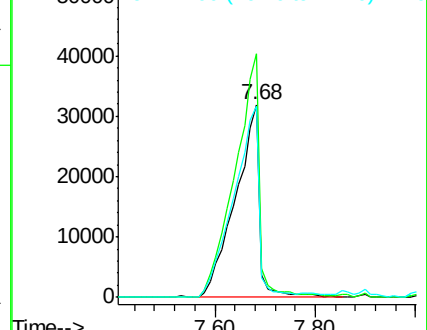
77 99.1 93.8 133.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

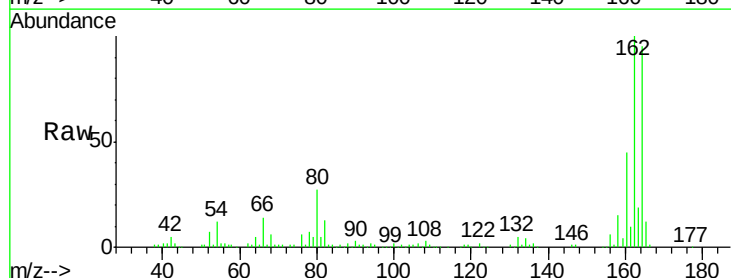
Tgt Ion:164 Resp: 123767

Ion Ratio Lower Upper

164 100

162 105.1 83.8 125.8

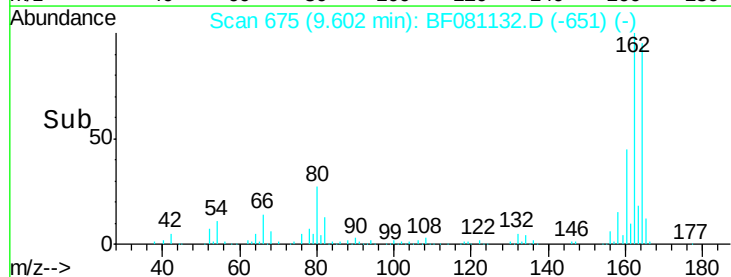
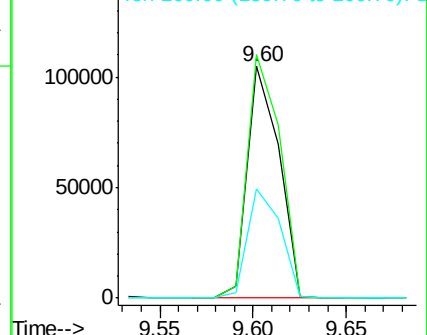
160 47.0 39.8 59.8

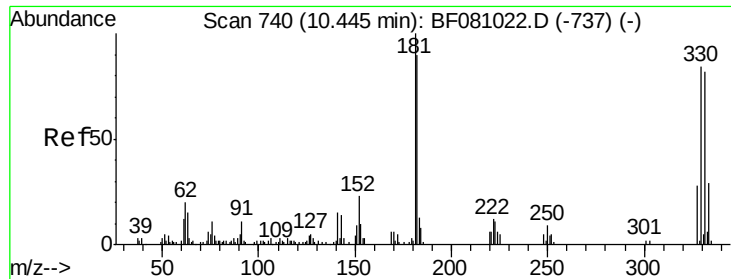


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 53.50 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

Instrument :

BNA_F

ClientSampleId :

TEC-2

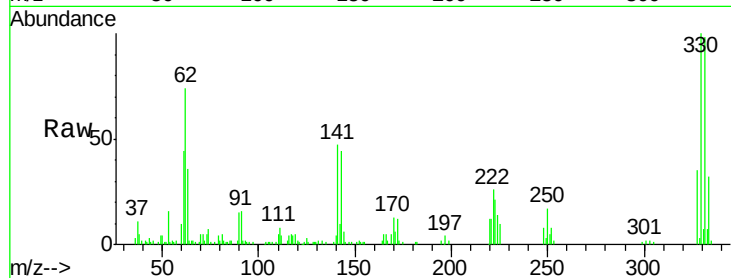
Tot Ion:330 Resp: 57397

Ion Ratio Lower Upper

330 100

332 97.7 77.3 115.9

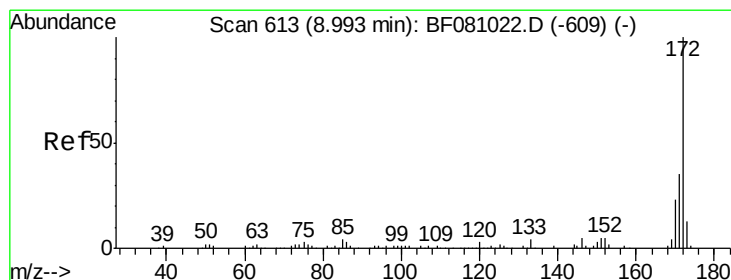
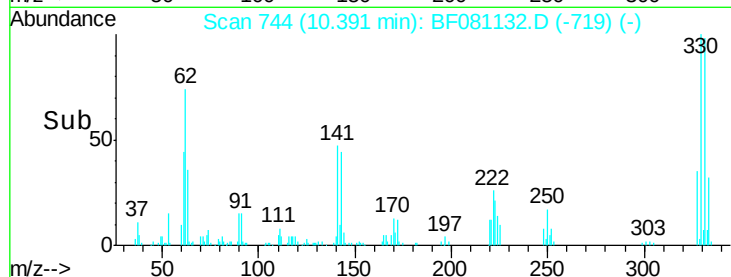
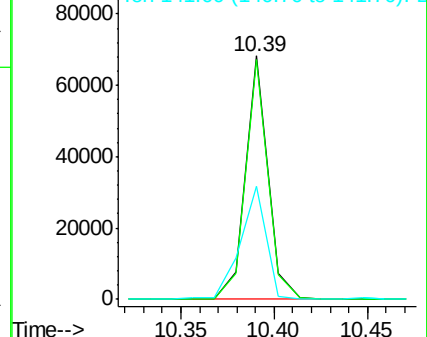
141 53.9 44.9 67.3



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: 69.76 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.02 min

Lab File: BF081132.D

Acq: 20 Aug 2015 19:08

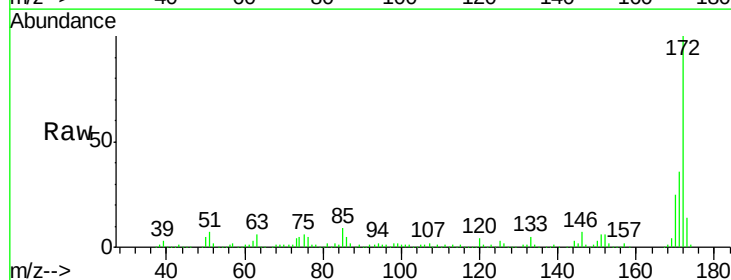
Tgt Ion:172 Resp: 658963

Ion Ratio Lower Upper

172 100

171 36.4 28.9 43.3

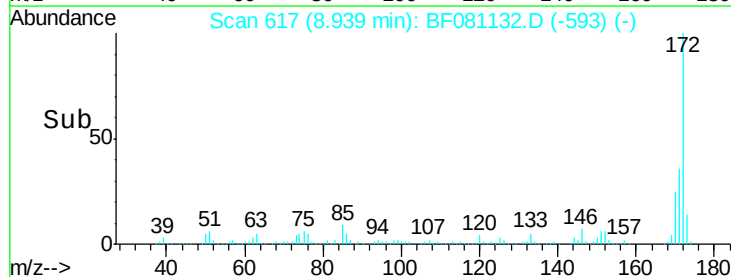
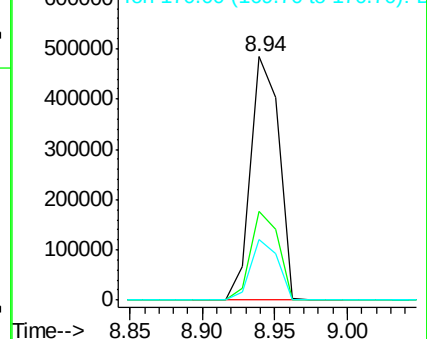
170 24.8 19.4 29.2

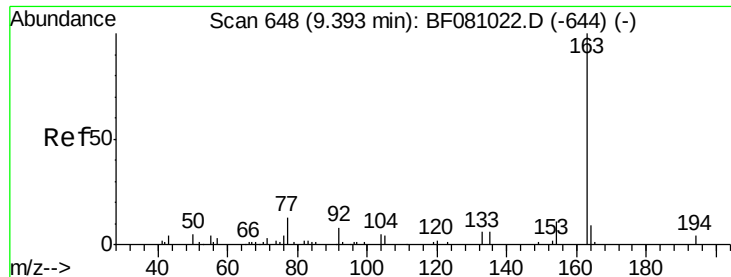


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

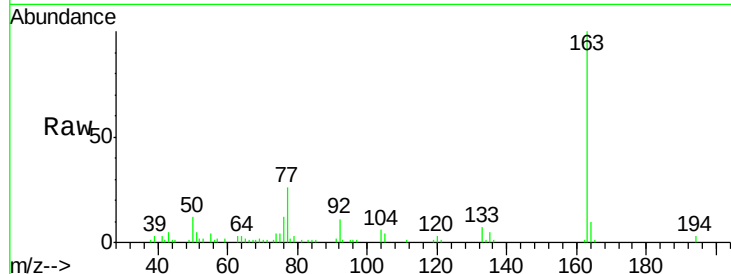




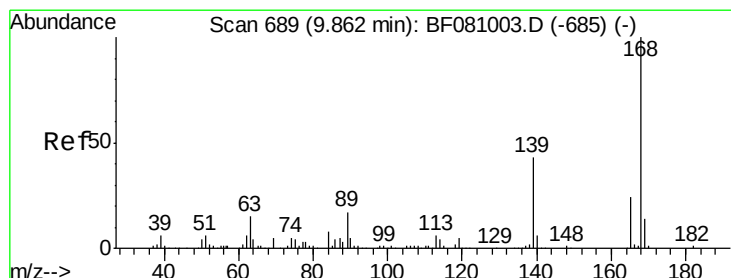
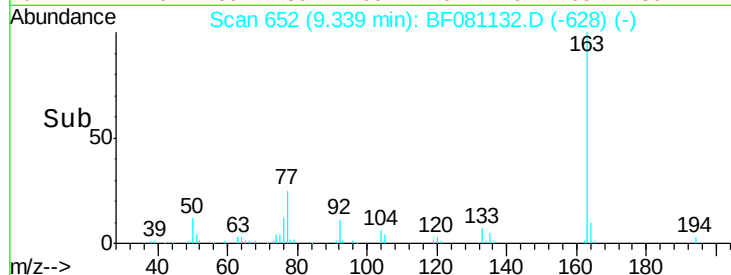
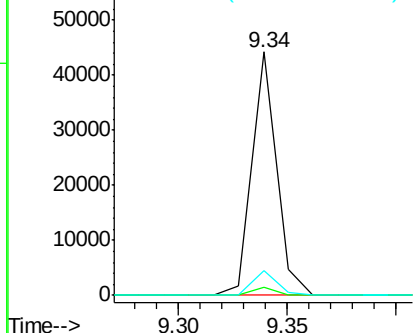
#49
Dimethylphthalate
Concen: 3.42 ng
RT: 9.34 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF081132.D
Acq: 20 Aug 2015 19:08

Instrument :
BNA_F
ClientSampleId :
TEC-2

Tot Ion:163 Resp: 34892
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 10.2 8.1 12.1

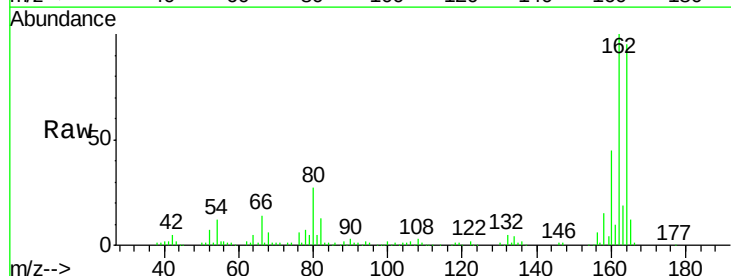


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

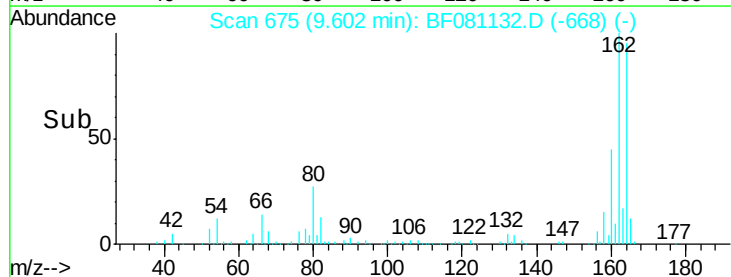
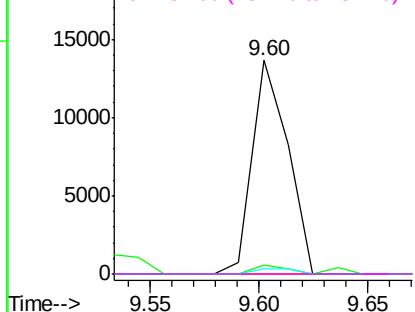


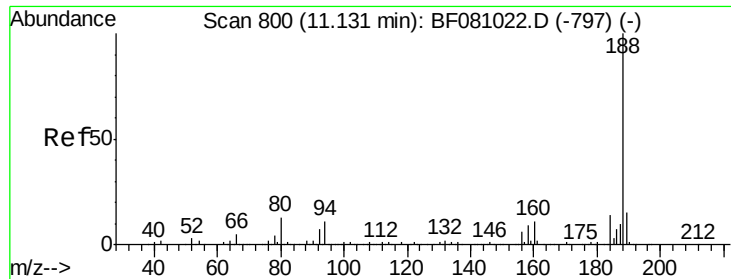
#56
2,4-Dinitrotoluene
Concen: 5.37 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.22 min
Lab File: BF081132.D
Acq: 20 Aug 2015 19:08

Tgt Ion:165 Resp: 15588
Ion Ratio Lower Upper
165 100
63 4.2 52.2 78.4#
89 2.6 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

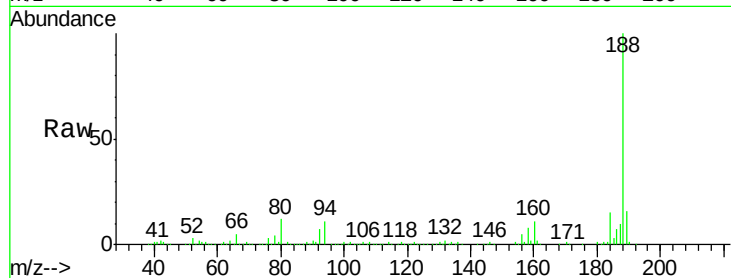




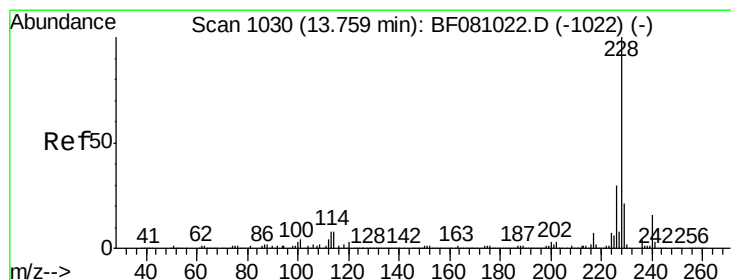
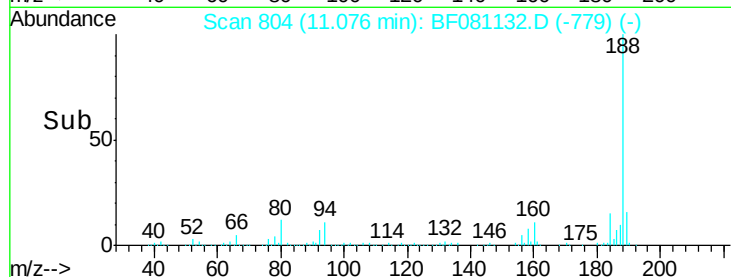
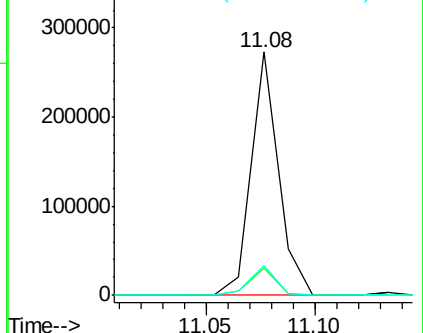
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF081132.D
Acq: 20 Aug 2015 19:08

Instrument :
BNA_F
ClientSampleId :
TEC-2

Tot Ion:188 Resp: 238504
Ion Ratio Lower Upper
188 100
94 11.2 8.2 12.2
80 12.4 9.5 14.3

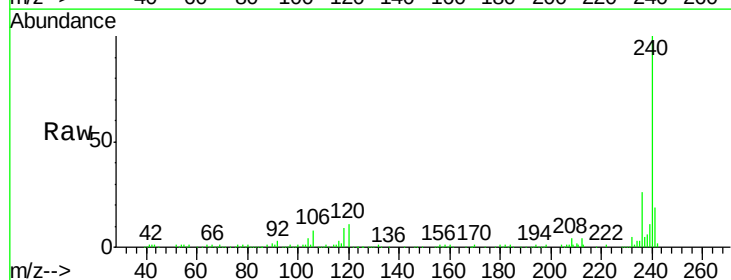


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

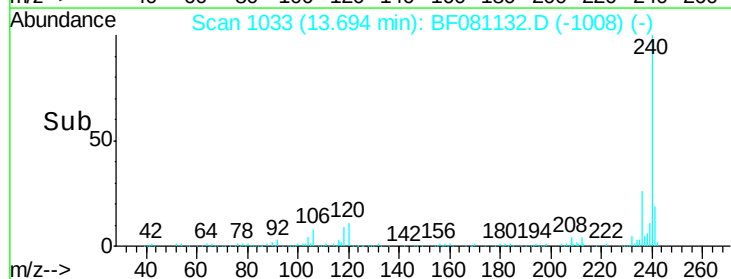
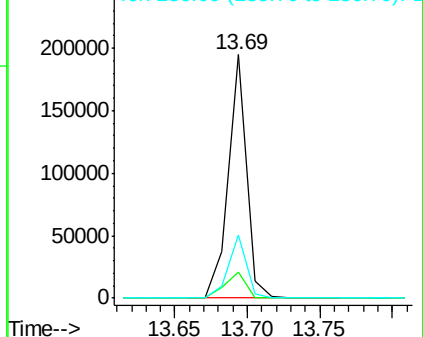


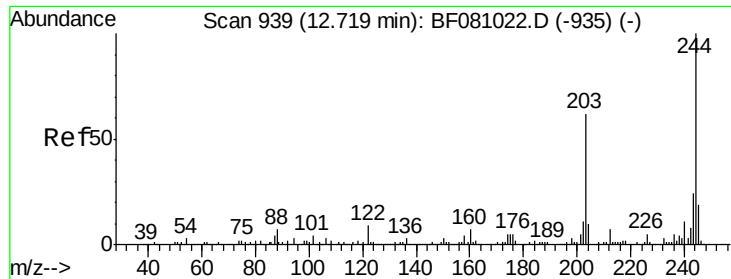
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF081132.D
Acq: 20 Aug 2015 19:08

Tgt Ion:240 Resp: 169812
Ion Ratio Lower Upper
240 100
120 10.6 5.6 8.4#
236 25.8 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

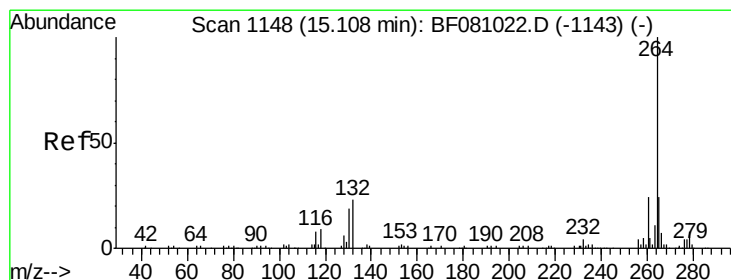
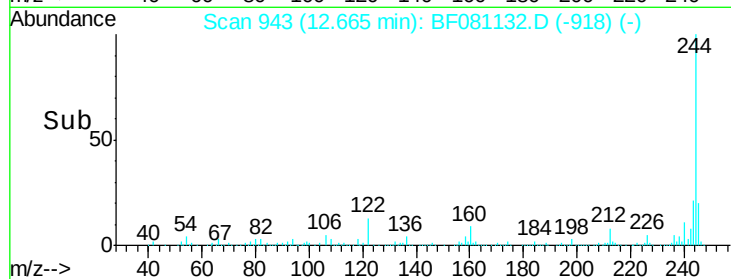
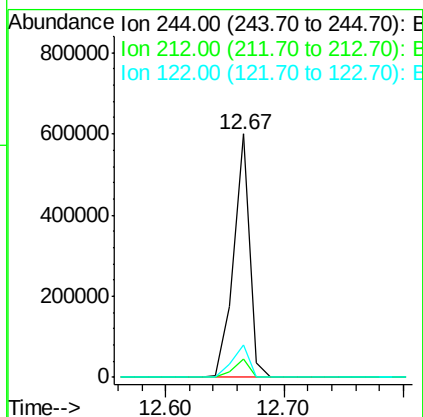
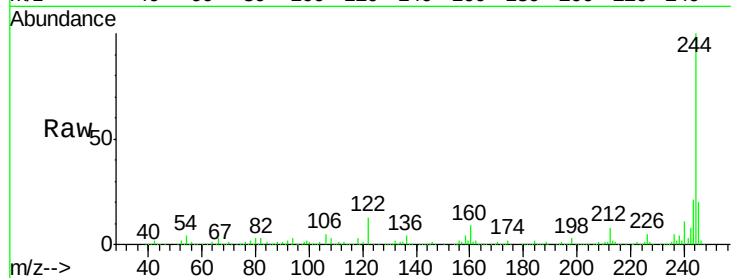




#78
 Terphenyl-d14
 Concen: 70.88 ng
 RT: 12.67 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF081132.D
 Acq: 20 Aug 2015 19:08

Instrument :
 BNA_F
 ClientSampleId :
 TEC-2

Tot Ion:244 Resp: 561422
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 13.5 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF081132.D
 Acq: 20 Aug 2015 19:08

Tgt Ion:264 Resp: 106395
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 22.0 17.5 26.3

