

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082846.D
 Acq On : 9 Nov 2015 23:19
 Operator : UM/IZ
 Sample : G4286-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-4R

Quant Time: Nov 10 02:55:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

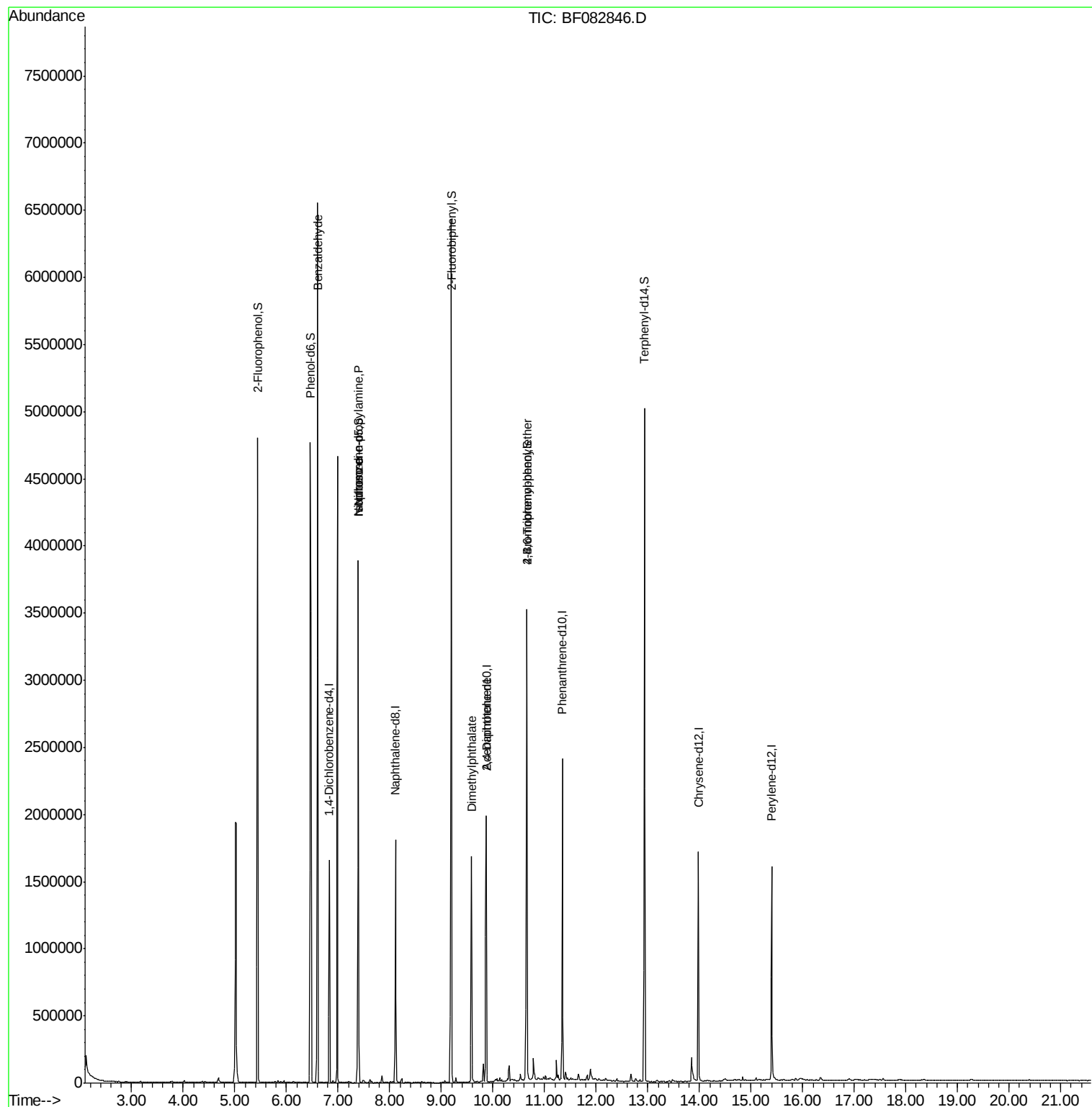
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	249524	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	864924	20.00	ng	-0.03
38) Acenaphthene-d10	9.87	164	472269	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	840909	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	845907	20.00	ng	-0.03
86) Perylene-d12	15.40	264	727234	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1878884	117.16	ng	0.00
7) Phenol-d6	6.46	99	2426465	113.81	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1422860	71.58	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	605970	111.91	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2270741	68.91	ng	-0.02
78) Terphenyl-d14	12.93	244	1822199	51.09	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.60	77	51256	4.35	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.39	70	193438	12.34	ng	# 71
25) Isophorone	7.39	82	1394838	37.92	ng	# 69
49) Dimethylphthalate	9.58	163	615908	15.92	ng	99
56) 2,4-Dinitrotoluene	9.87	165	60203	5.37	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	42153	4.16	ng	# 1

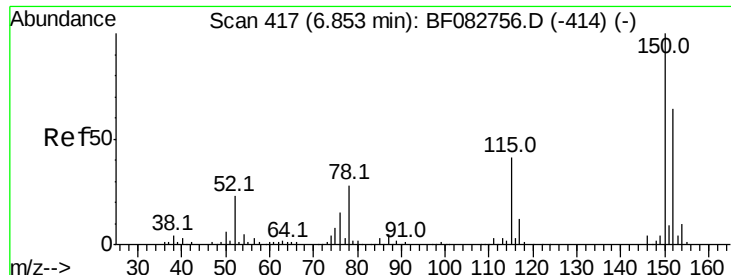
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

Instrument :

BNA_F

ClientSampleId :

T-4R

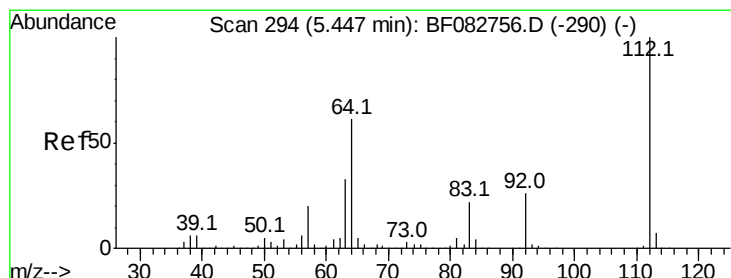
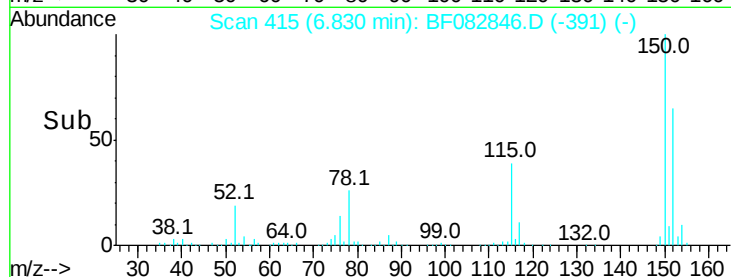
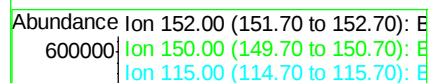
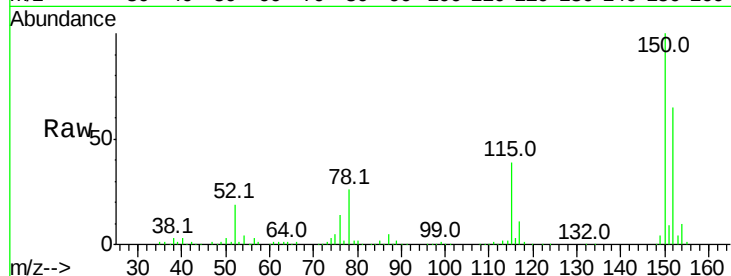
Tot Ion:152 Resp: 249524

Ion Ratio Lower Upper

152 100

150 154.2 127.0 190.4

115 60.3 47.0 70.6



#5

2-Fluorophenol

Concen: 117.16 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

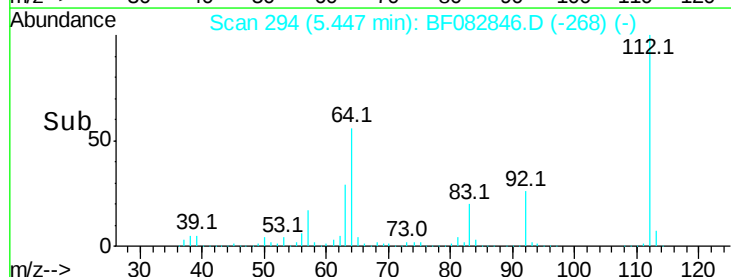
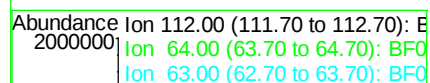
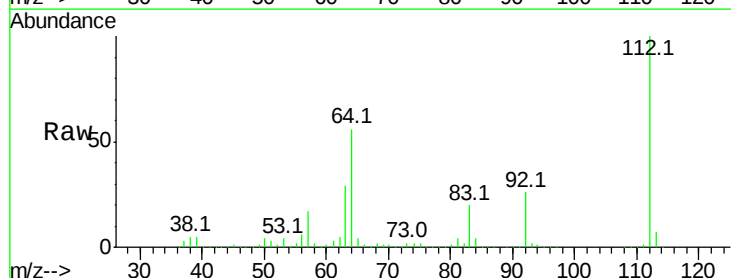
Tgt Ion:112 Resp: 1878884

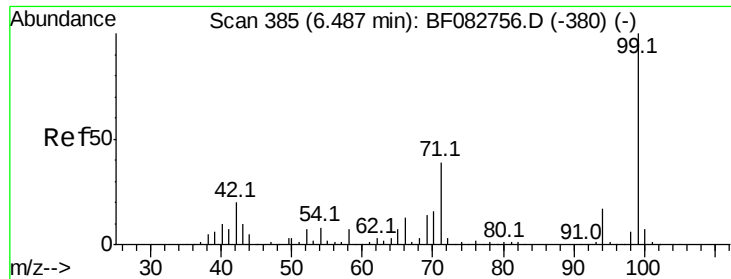
Ion Ratio Lower Upper

112 100

64 56.5 48.9 73.3

63 29.1 28.1 42.1





#7

Phenol-d6

Concen: 113.81 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

Instrument :

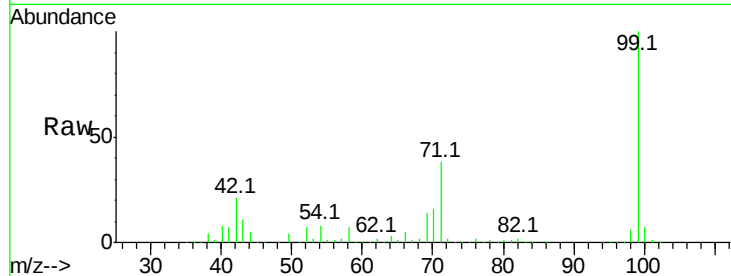
BNA_F

ClientSampleId :

T-4R

Tot Ion: 99 Resp: 2426465

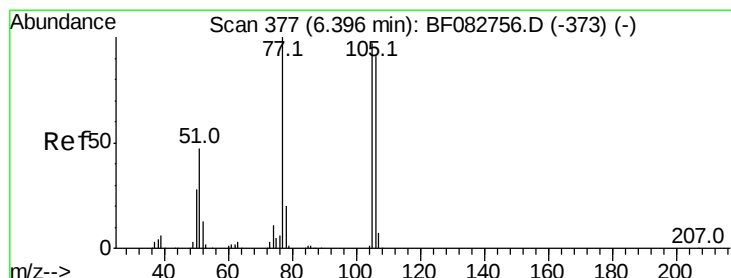
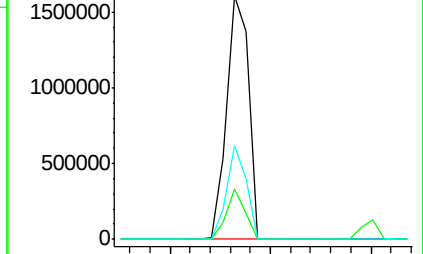
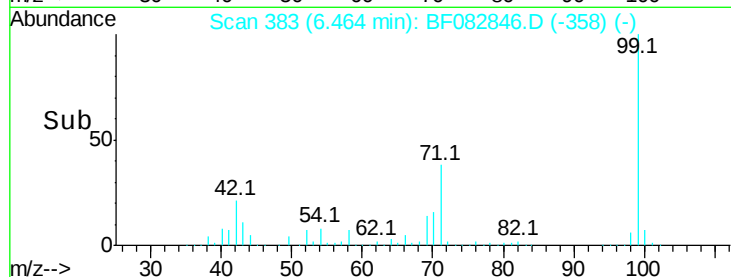
Ion	Ratio	Lower	Upper
99	100		
42	20.7	19.2	28.8
71	38.5	35.0	52.4



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: 4.35 ng

RT: 6.60 min Scan# 395

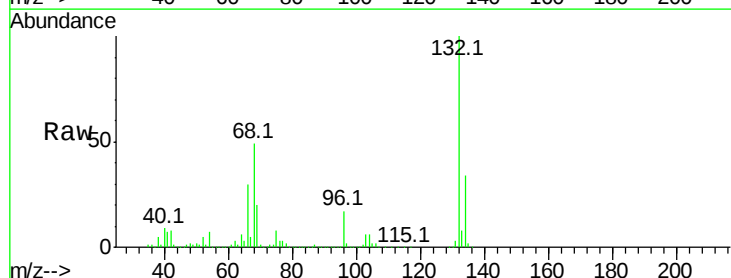
Delta R.T. 0.21 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

Tgt Ion: 77 Resp: 51256

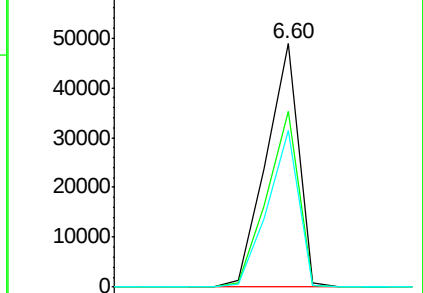
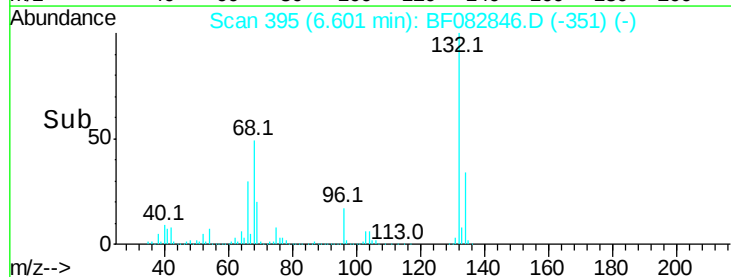
Ion	Ratio	Lower	Upper
77	100		
105	72.1	63.5	103.5
106	64.2	59.3	99.3

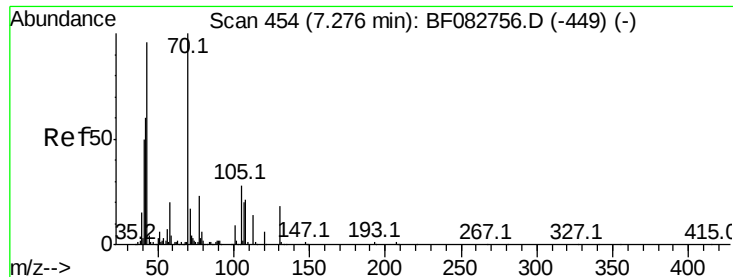


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

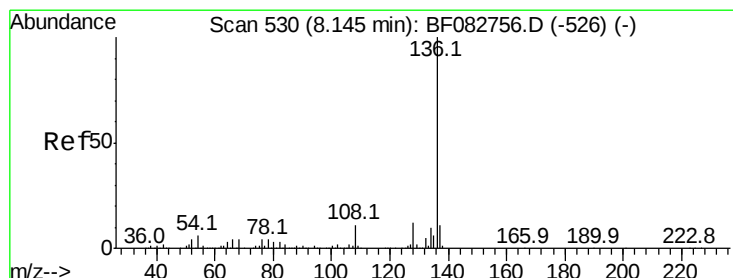
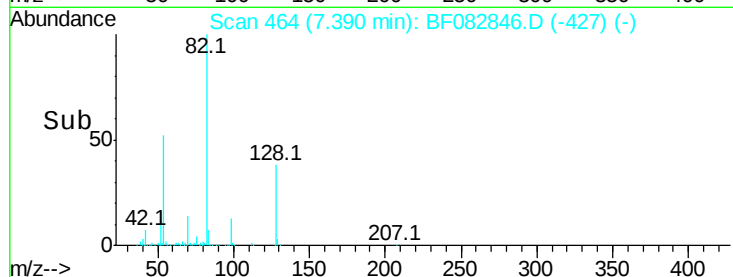
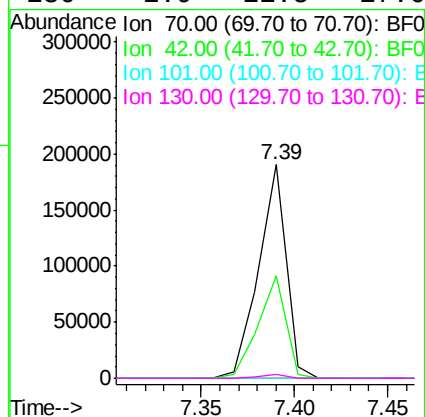
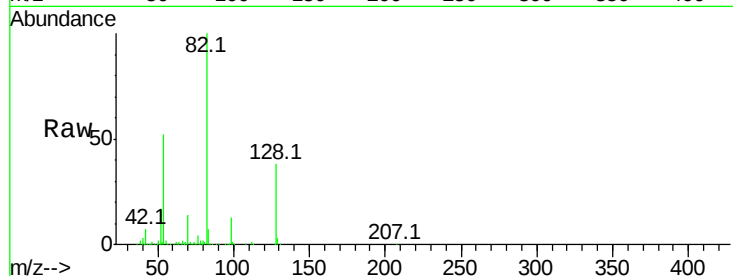




#19
n-Nitroso-di-n-propylamine
Concen: 12.34 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.13 min
Lab File: BF082846.D
Acq: 9 Nov 2015 23:19

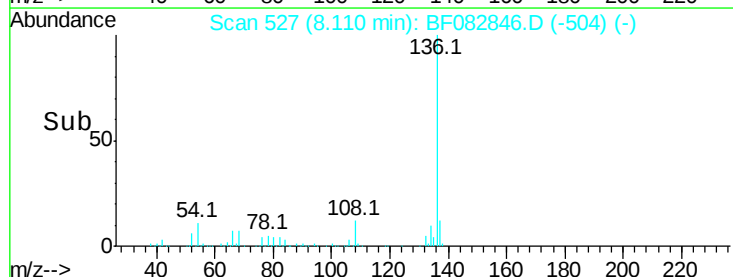
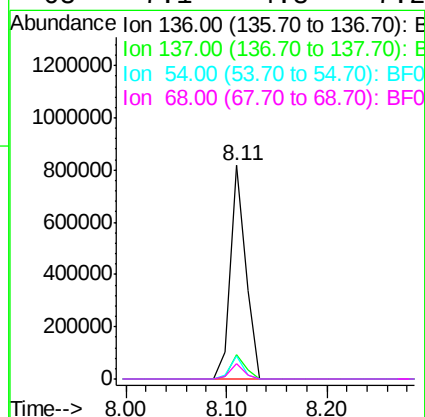
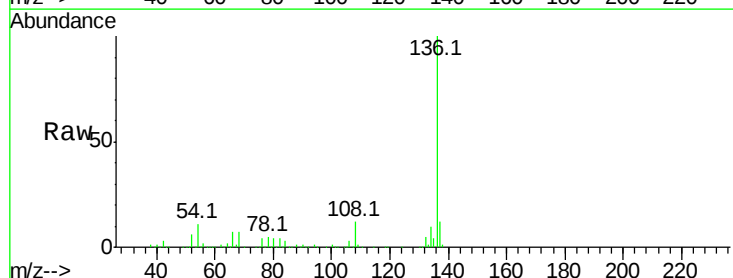
Instrument :
BNA_F
ClientSampleId :
T-4R

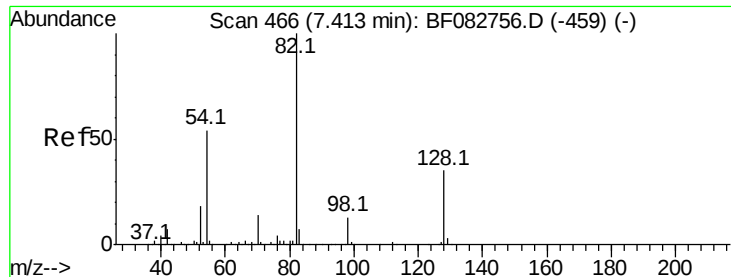
Tot Ion:	70	Resp:	193438
Ion	Ratio	Lower	Upper
70	100		
42	48.1	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF082846.D
Acq: 9 Nov 2015 23:19

Tgt Ion:	136	Resp:	864924
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.9	9.1	13.7
68	7.1	4.8	7.2





#23

Nitrobenzene-d5

Concen: 71.58 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.02 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

Instrument :

BNA_F

ClientSampleId :

T-4R

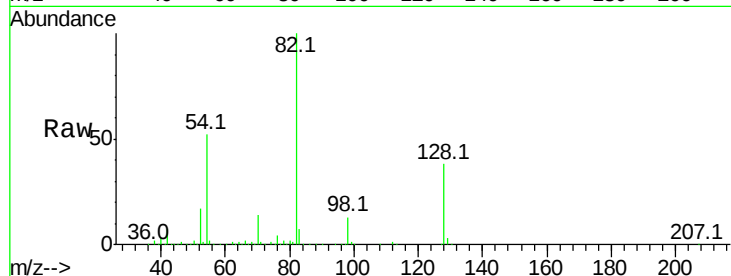
Tot Ion: 82 Resp: 1422860

Ion Ratio Lower Upper

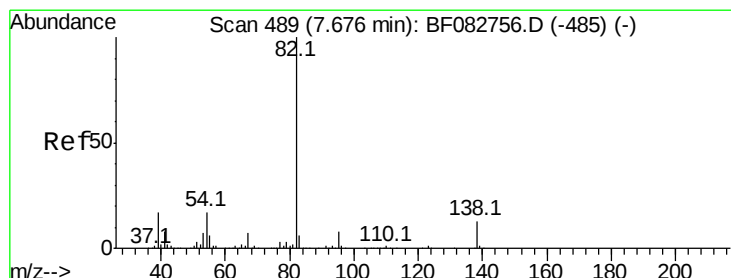
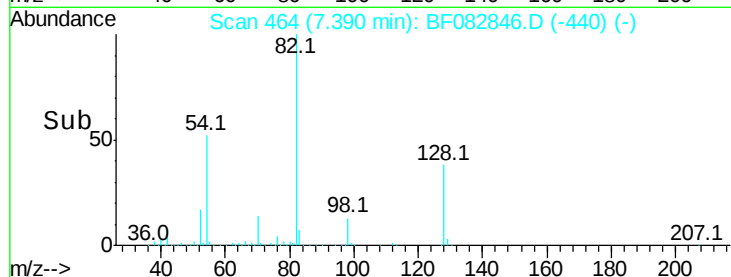
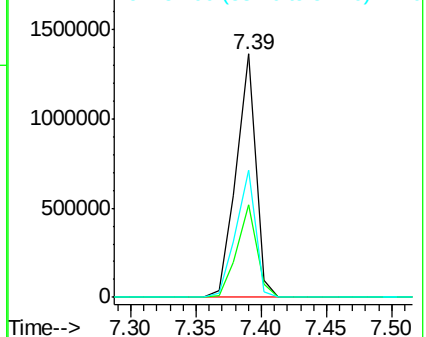
82 100

128 38.1 26.8 40.2

54 52.2 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 37.92 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.29 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

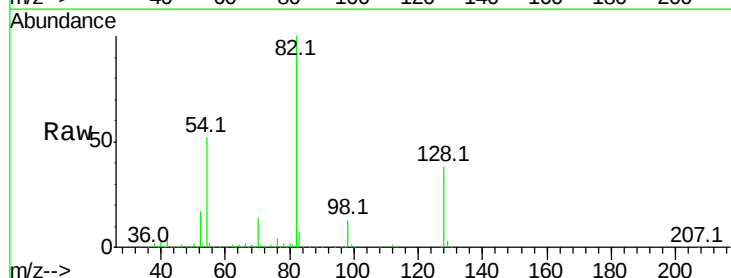
Tgt Ion: 82 Resp: 1394838

Ion Ratio Lower Upper

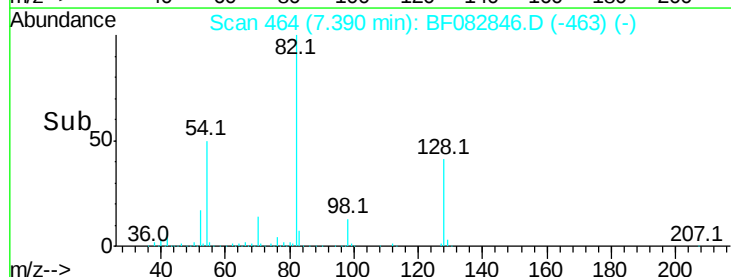
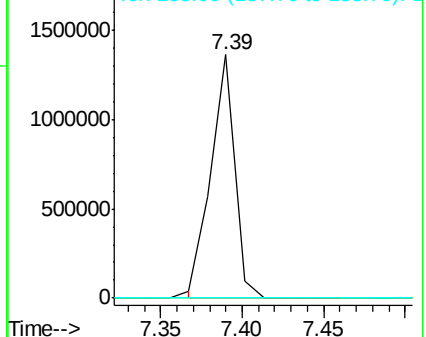
82 100

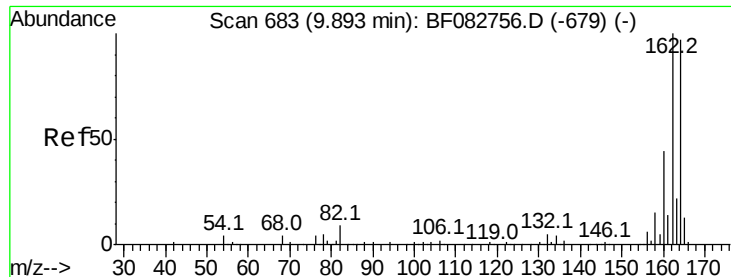
95 0.0 6.6 9.8#

138 0.0 11.4 17.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

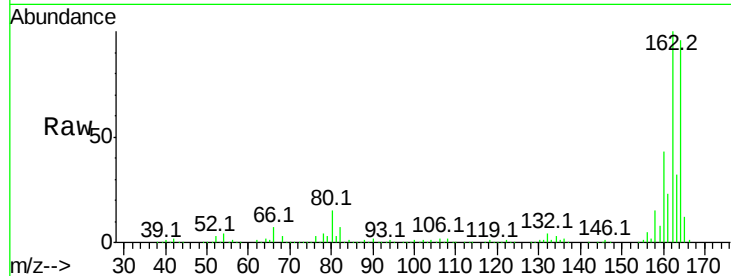




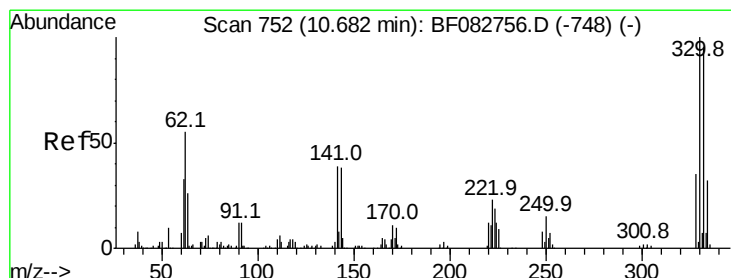
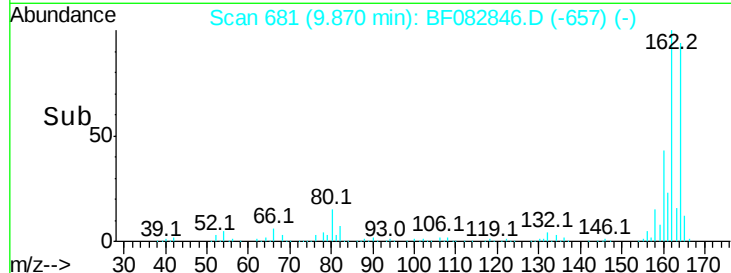
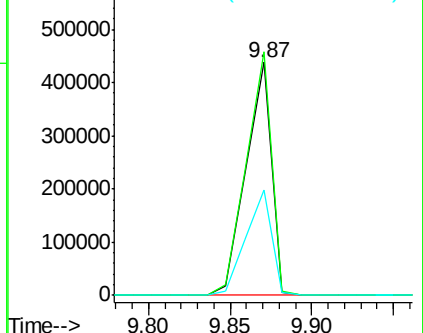
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082846.D
Acq: 9 Nov 2015 23:19

Instrument :
BNA_F
ClientSampleId :
T-4R

Tot Ion:164 Resp: 472269
Ion Ratio Lower Upper
164 100
162 104.5 84.9 127.3
160 45.0 37.5 56.3

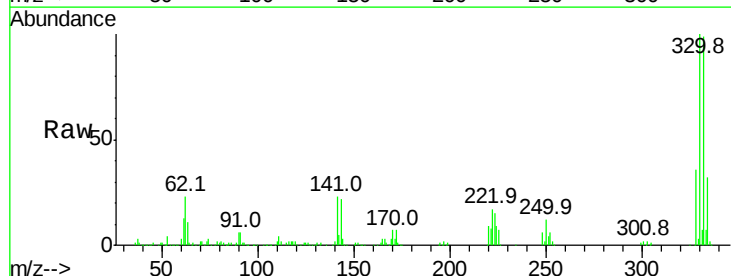


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

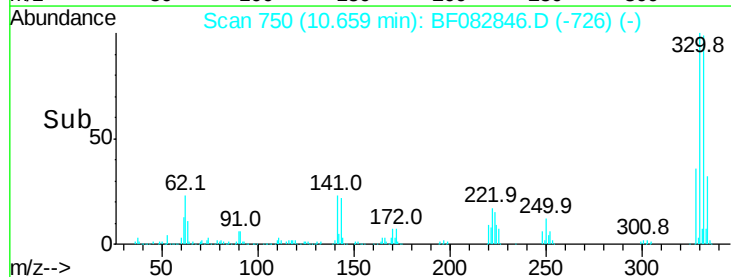
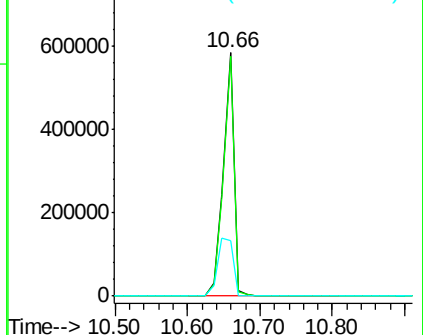


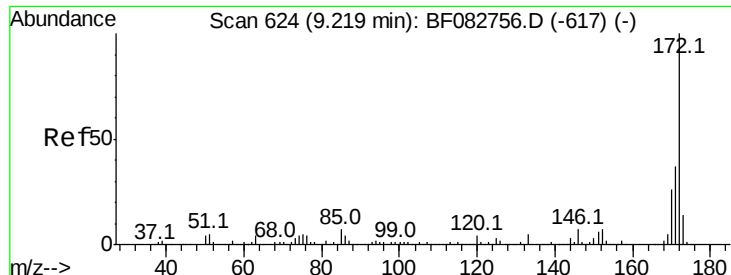
#41
2,4,6-Tribromophenol
Concen: 111.91 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.02 min
Lab File: BF082846.D
Acq: 9 Nov 2015 23:19

Tgt Ion:330 Resp: 605970
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 34.4 41.2 61.8#



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

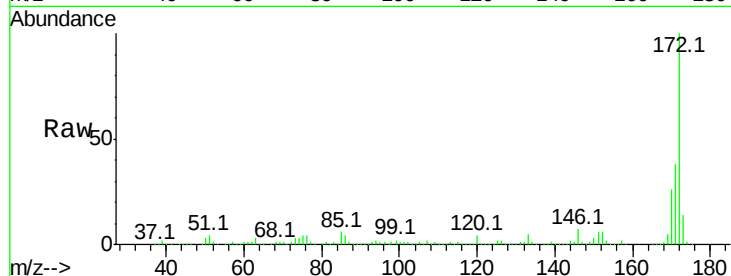




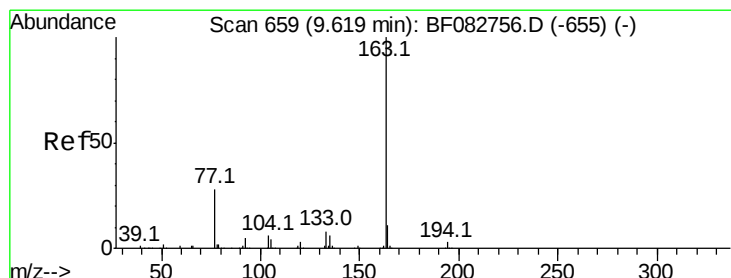
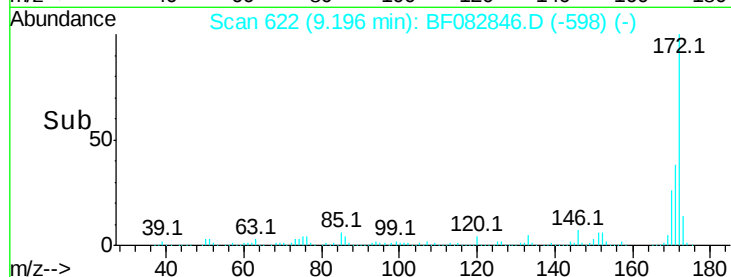
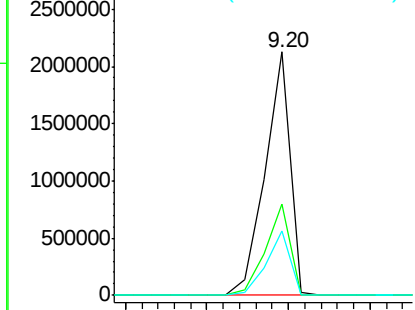
#44
2-Fluorobiphenyl
Concen: 68.91 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF082846.D
Acq: 9 Nov 2015 23:19

Instrument :
BNA_F
ClientSampled :
T-4R

Tot Ion:172 Resp: 2270741
Ion Ratio Lower Upper
172 100
171 37.8 30.8 46.2
170 26.2 21.2 31.8

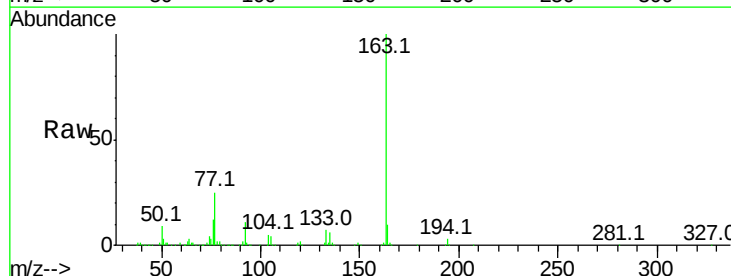


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

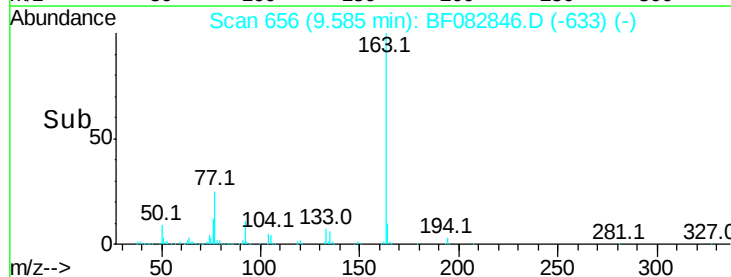
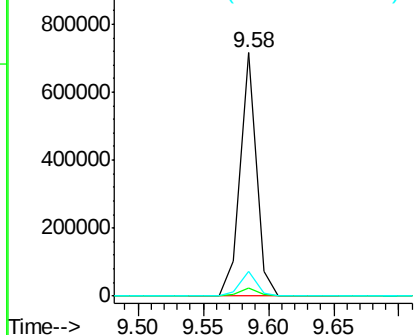


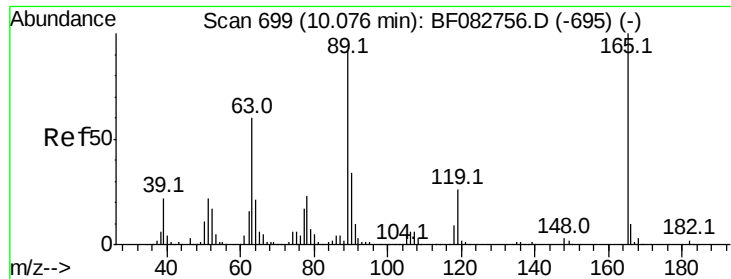
#49
Dimethylphthalate
Concen: 15.92 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF082846.D
Acq: 9 Nov 2015 23:19

Tgt Ion:163 Resp: 615908
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.7 13.1



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

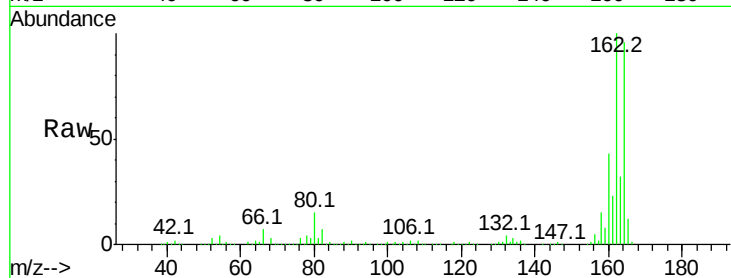




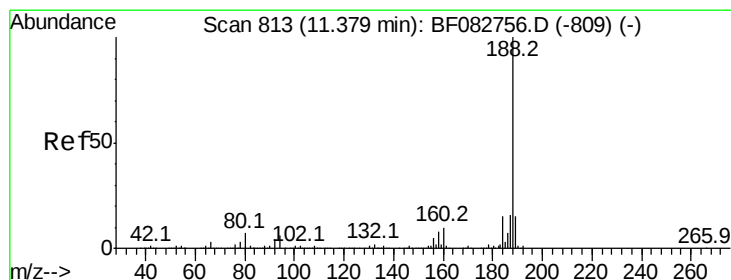
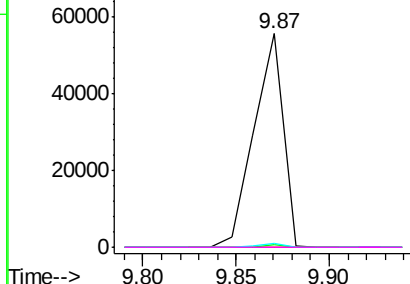
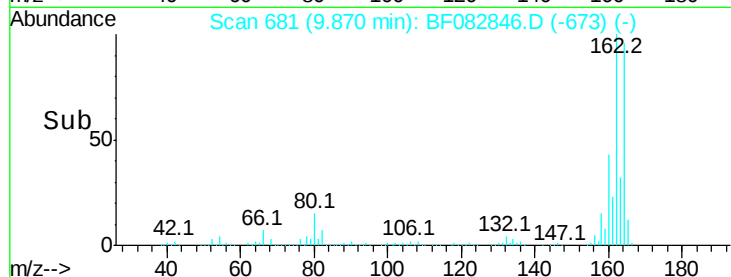
#56
2,4-Dinitrotoluene
Concen: 5.37 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.21 min
Lab File: BF082846.D
Acq: 9 Nov 2015 23:19

Instrument :
BNA_F
ClientSampleId :
T-4R

Tot Ion:165 Resp: 60203
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.0#
89 1.8 70.6 106.0#
182 0.0 1.5 2.3#

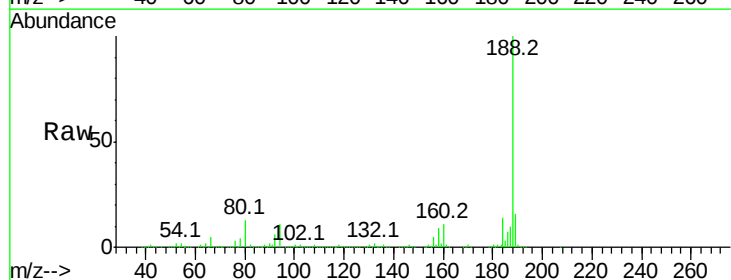


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

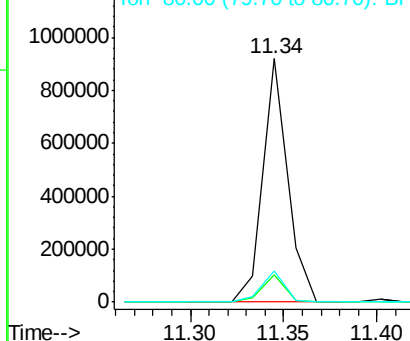
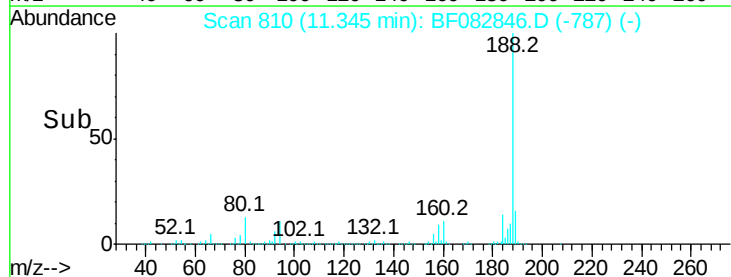


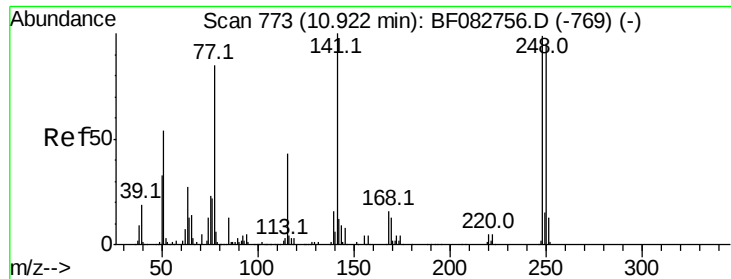
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF082846.D
Acq: 9 Nov 2015 23:19

Tgt Ion:188 Resp: 840909
Ion Ratio Lower Upper
188 100
94 11.4 6.1 9.1#
80 12.8 7.0 10.6#



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: 4.16 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.26 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

Instrument :

BNA_F

ClientSampled :

T-4R

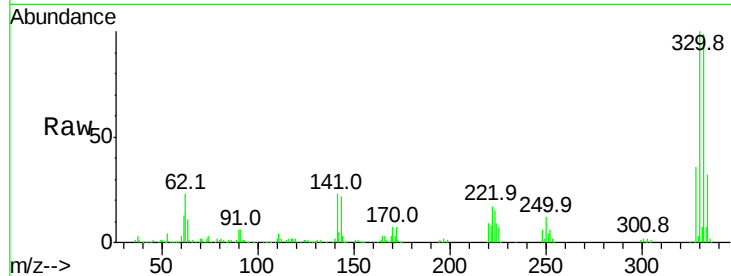
Tot Ion:248 Resp: 42153

Ion Ratio Lower Upper

248 100

250 199.4 79.4 119.2#

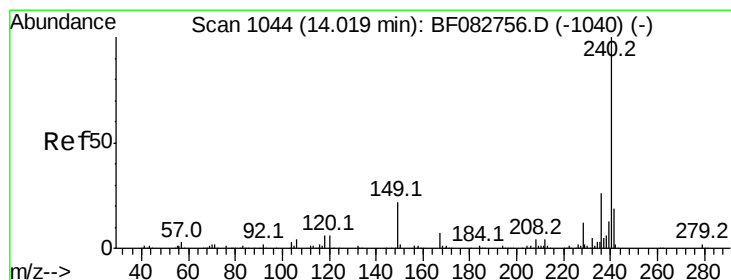
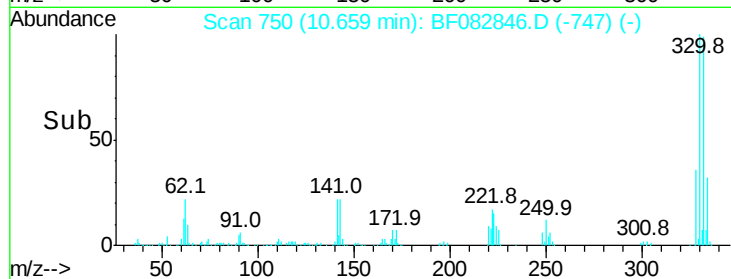
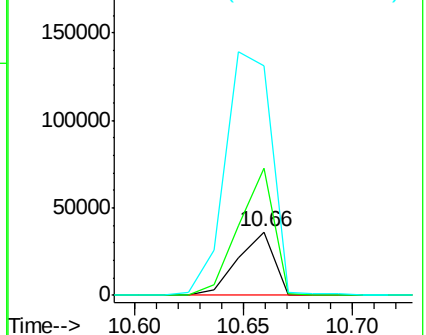
141 361.6 36.3 54.5#



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

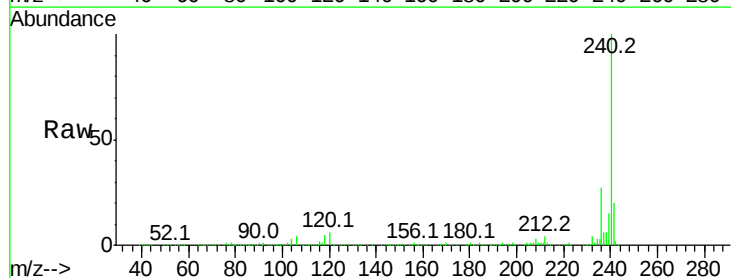
Tgt Ion:240 Resp: 845907

Ion Ratio Lower Upper

240 100

120 6.2 10.9 16.3#

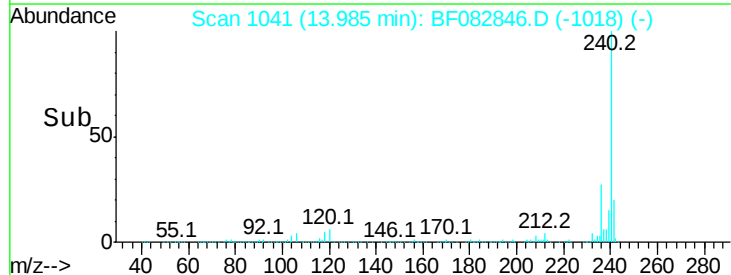
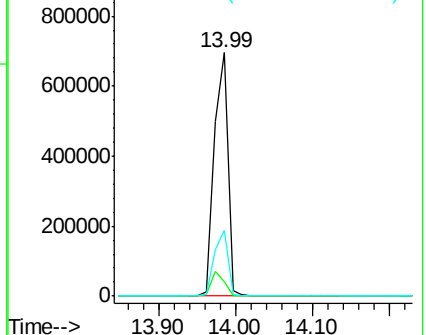
236 26.8 21.6 32.4

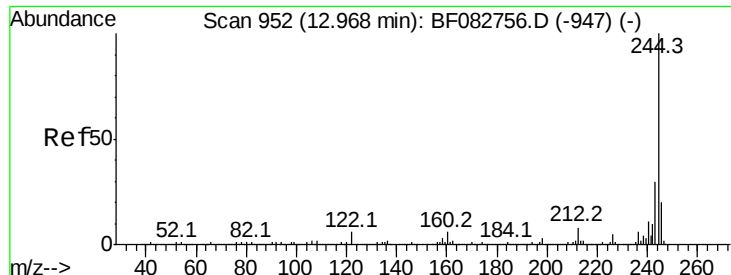


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 51.09 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

Instrument :

BNA_F

ClientSampleId :

T-4R

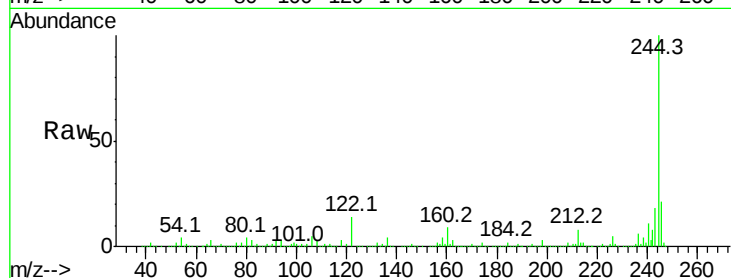
Tot Ion:244 Resp: 1822199

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

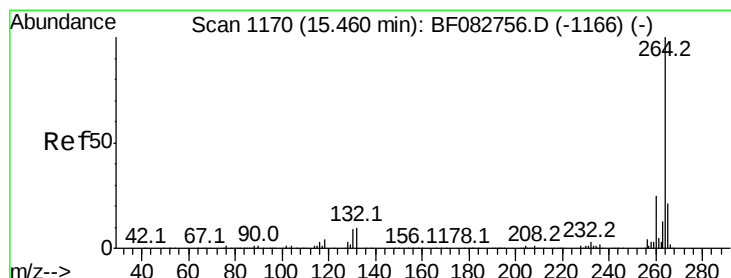
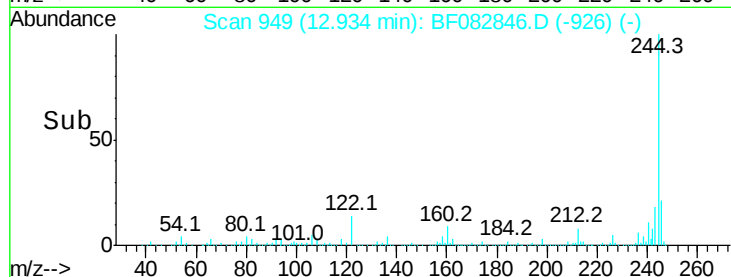
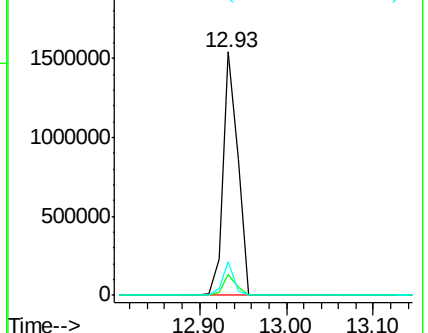
122 14.0 11.3 16.9



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: 15.40 min Scan# 1165

Delta R.T. -0.06 min

Lab File: BF082846.D

Acq: 9 Nov 2015 23:19

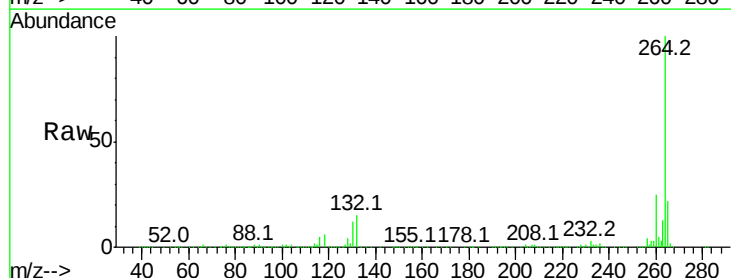
Tgt Ion:264 Resp: 727234

Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 21.7 17.4 26.0



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

