

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086519.D
 Acq On : 30 Apr 2016 13:05
 Operator : UM/SJ
 Sample : PB90129BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:19:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

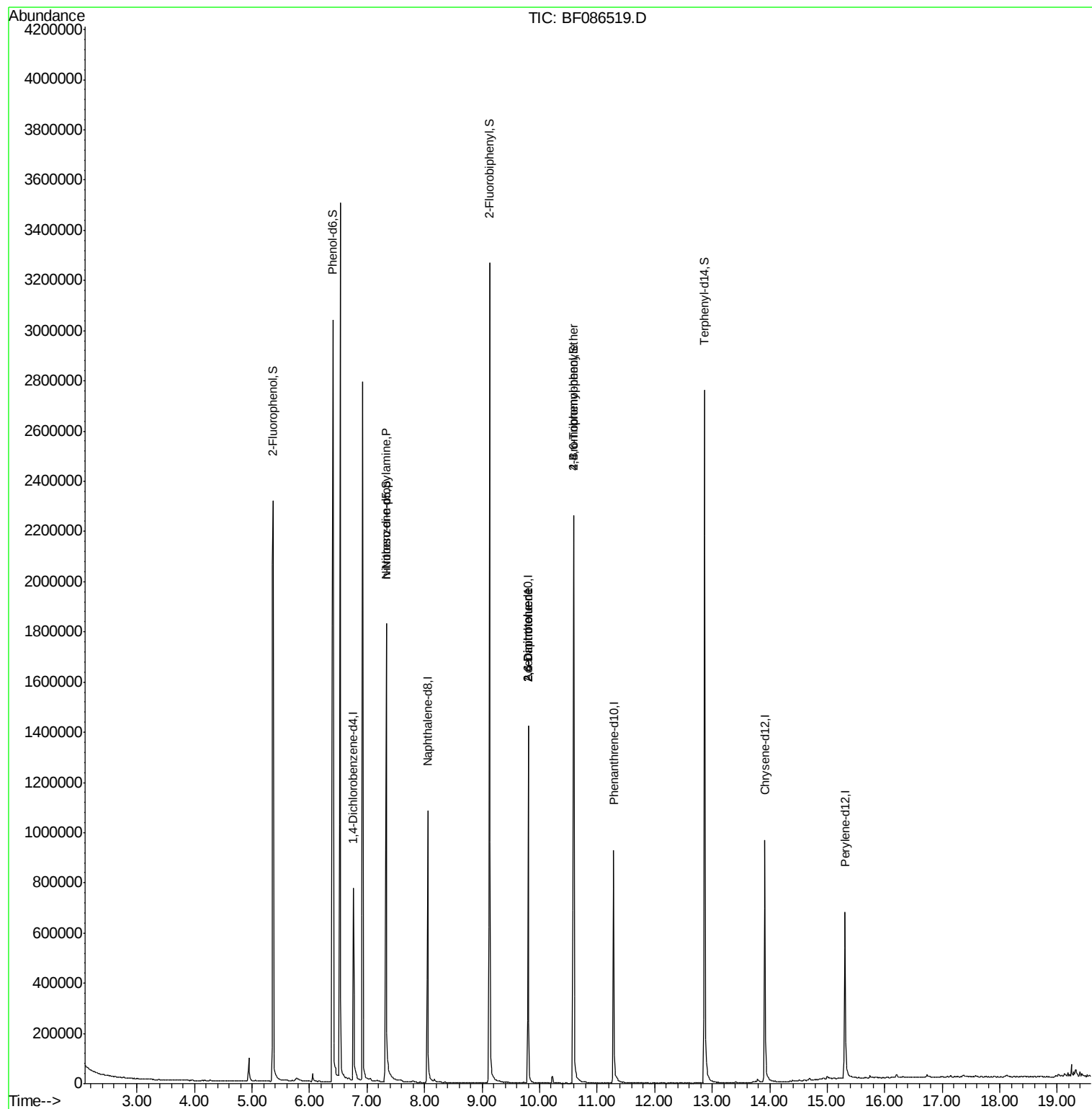
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	130482	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	582290	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	284389	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	552434	20.00	ng	0.00
75) Chrysene-d12	13.92	240	507792	20.00	ng	0.00
86) Perylene-d12	15.31	264	385572	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	881794	116.57	ng	0.01
7) Phenol-d6	6.41	99	1244613	117.88	ng	0.00
23) Nitrobenzene-d5	7.33	82	758891	70.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	281185	93.76	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1178779	69.57	ng	-0.01
78) Terphenyl-d14	12.86	244	1270370	55.12	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	99515	14.26	ng	# 78
50) 2,6-Dinitrotoluene	9.80	165	34825	7.87	ng	# 20
56) 2,4-Dinitrotoluene	9.80	165	34828	6.18	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	17105	3.00	ng	# 1

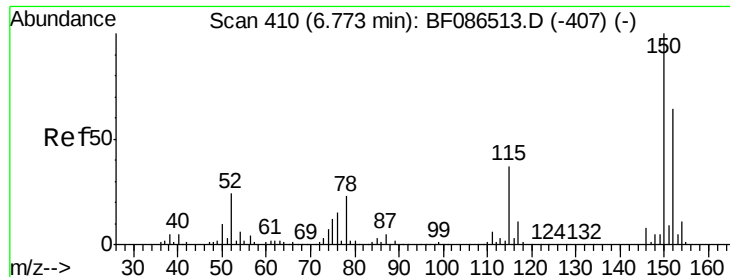
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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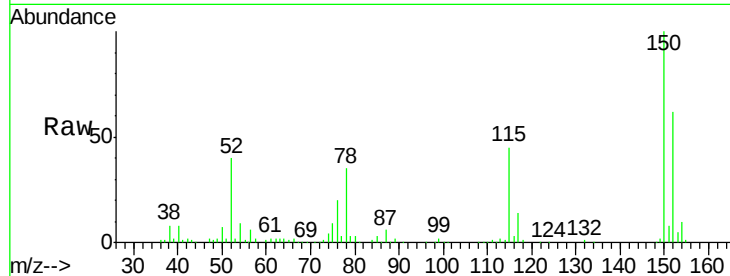


#1

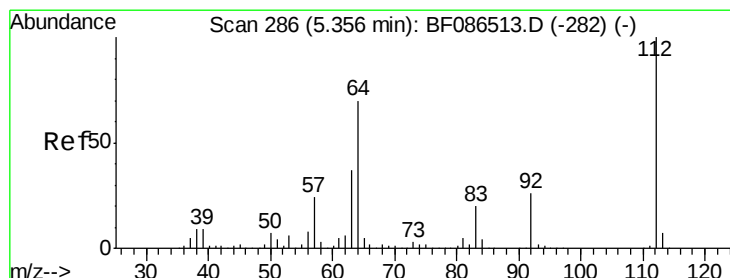
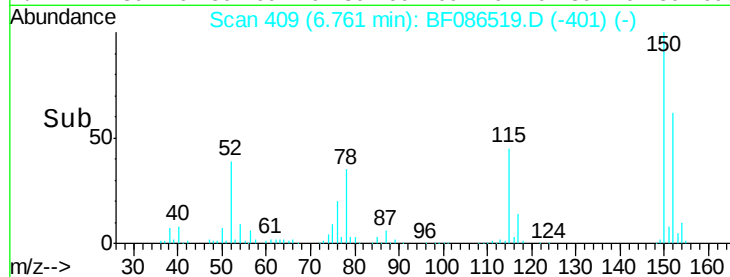
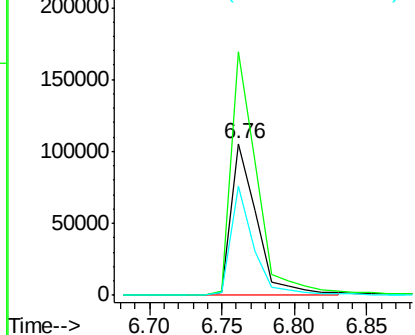
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	125.8	188.6
115	71.8	51.5	77.3



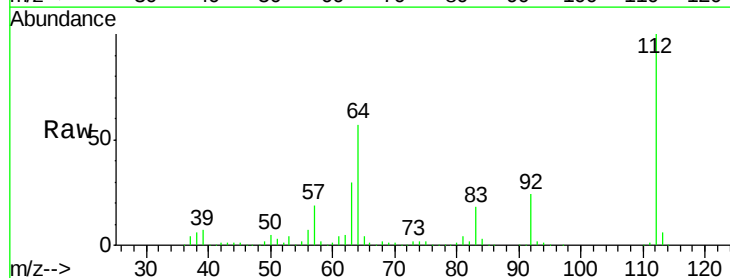
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



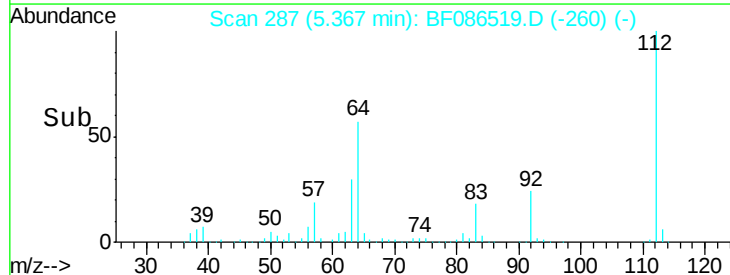
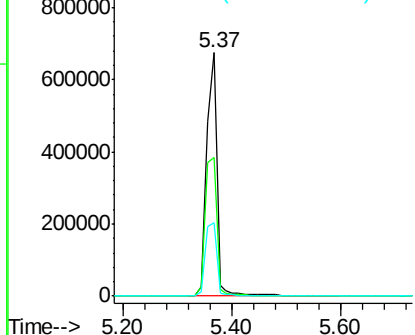
#5

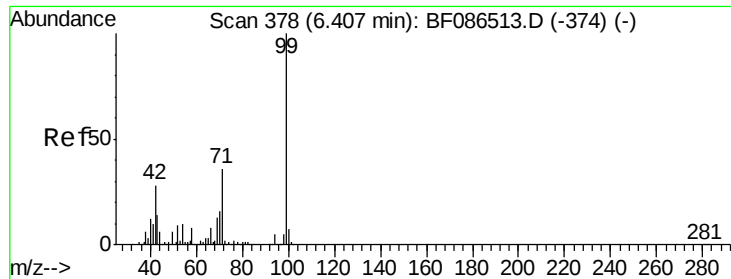
2-Fluorophenol
Concen: 116.57 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	52.1	78.1
63	30.0	25.7	38.5



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: 117.88 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086519.D

Acq: 30 Apr 2016 13:05

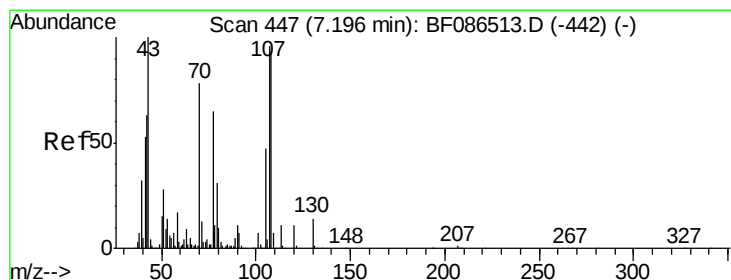
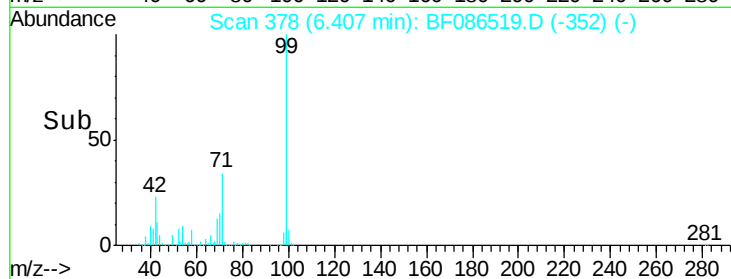
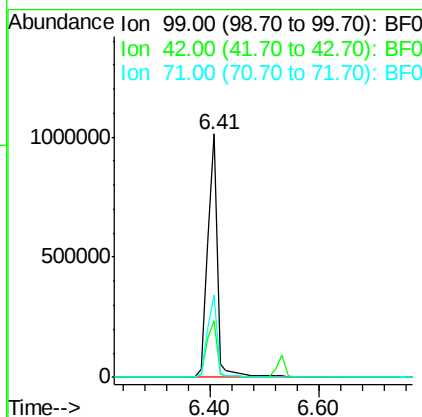
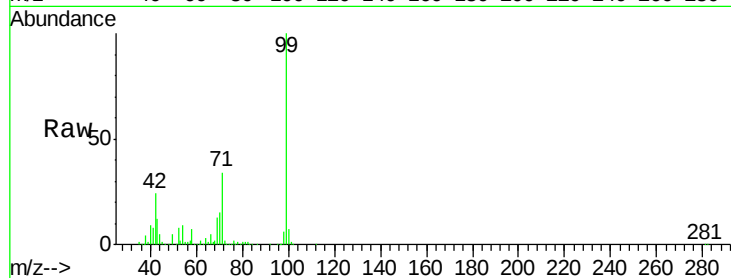
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1244613

Ion	Ratio	Lower	Upper
99	100		
42	23.5	13.6	20.4#
71	33.6	24.6	36.8



#19

n-Nitroso-di-n-propylamine

Concen: 14.26 ng

RT: 7.33 min Scan# 459

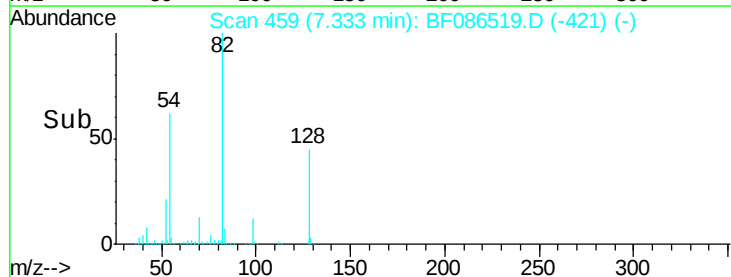
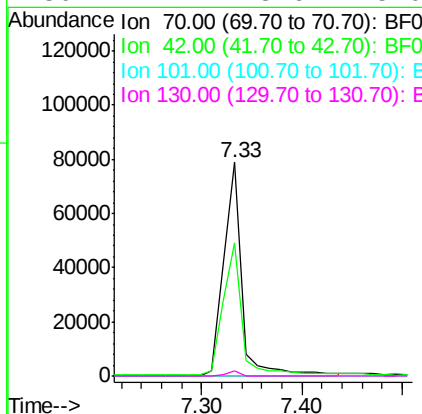
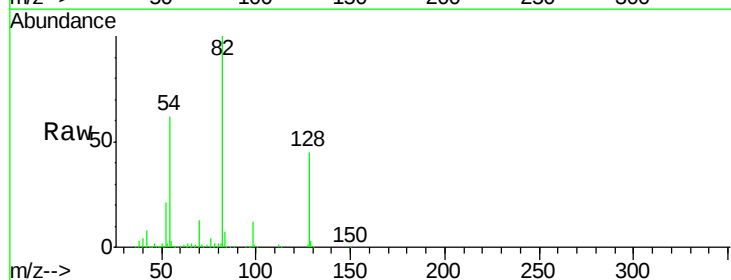
Delta R.T. 0.14 min

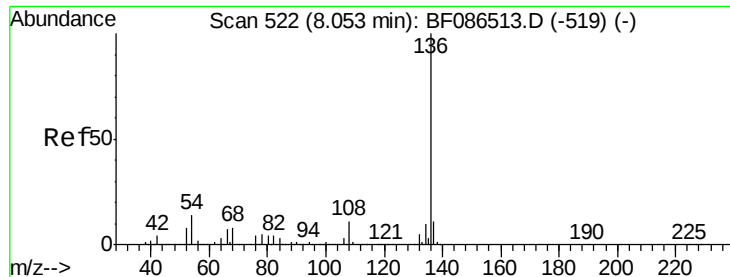
Lab File: BF086519.D

Acq: 30 Apr 2016 13:05

Tgt Ion: 70 Resp: 99515

Ion	Ratio	Lower	Upper
70	100		
42	62.2	43.1	64.7
101	0.0	8.1	12.1#
130	2.2	18.6	28.0#

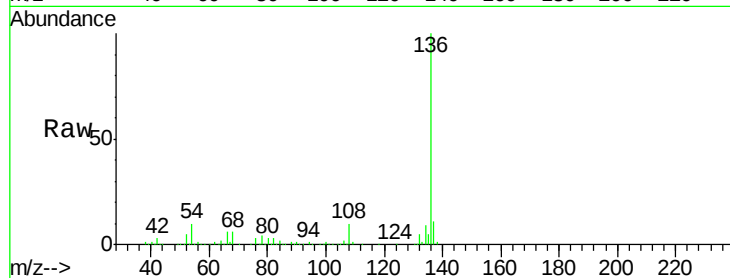




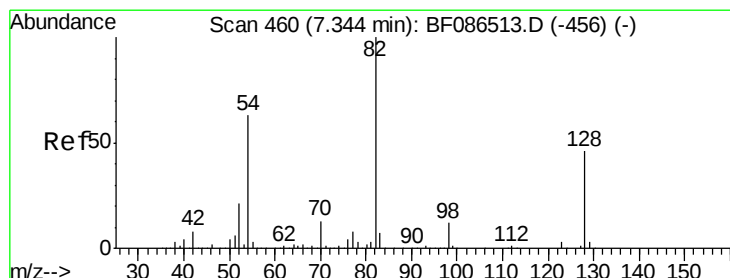
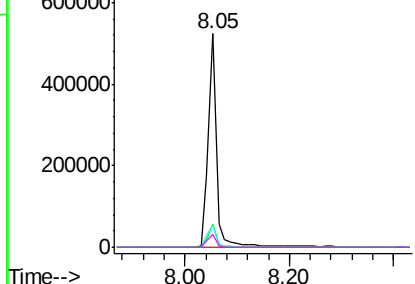
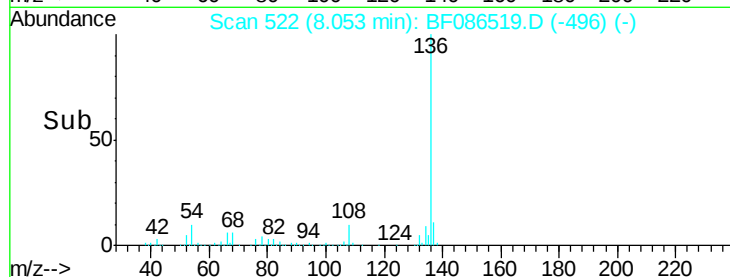
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	582290
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	10.1	5.0 7.4#
68	6.2	4.4 6.6

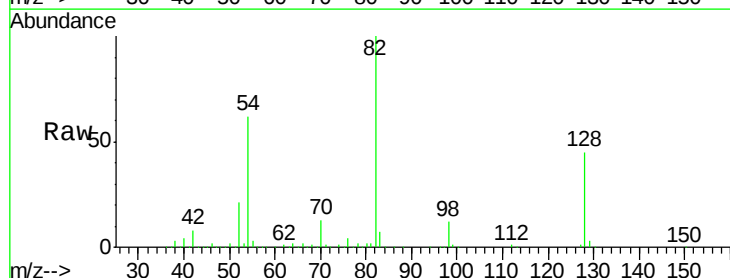


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

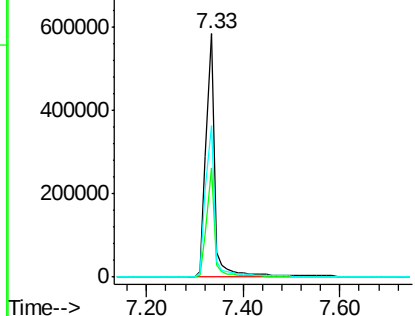
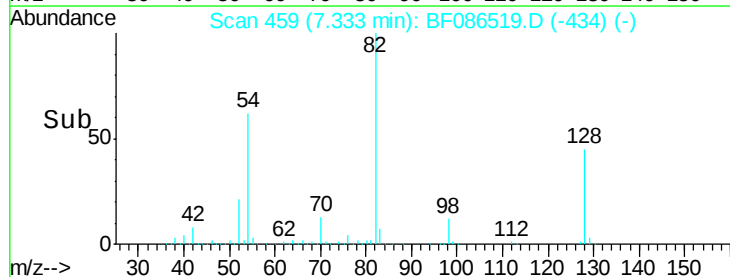


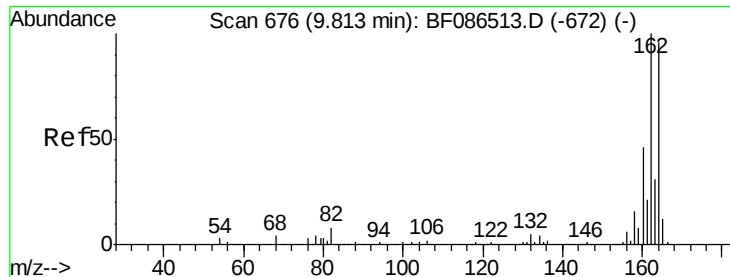
#23
Nitrobenzene-d5
Concen: 70.25 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion: 82	Resp:	758891
Ion Ratio	Lower	Upper
82	100	
128	44.7	40.6 61.0
54	62.3	38.1 57.1#



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

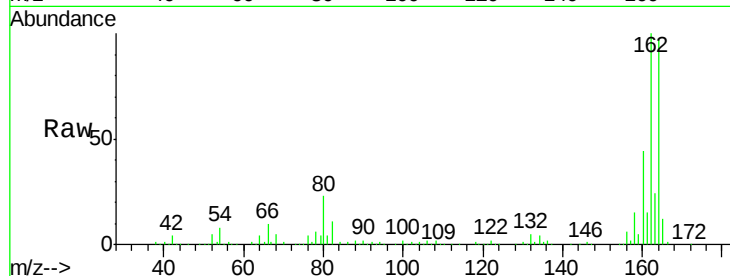




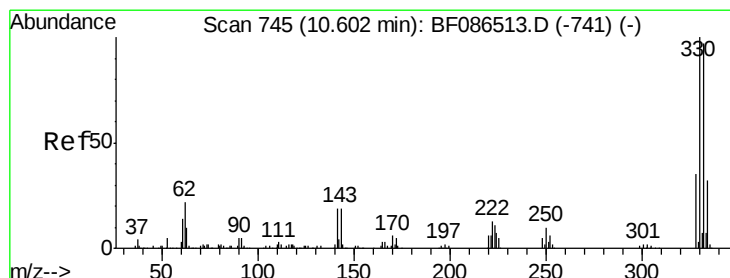
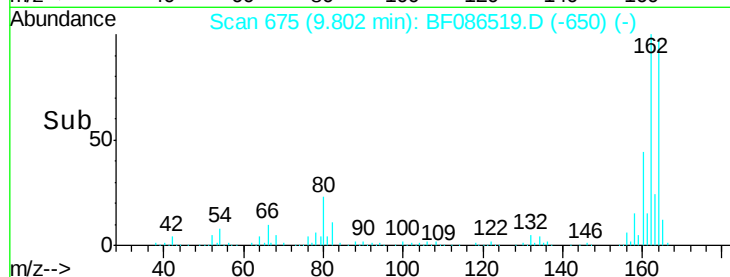
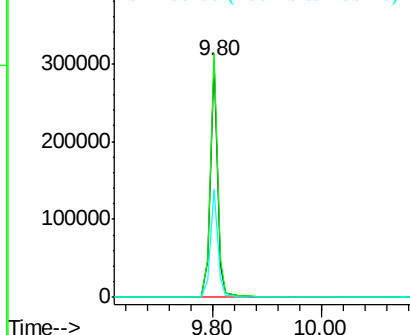
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086519.D
 Acq: 30 Apr 2016 13:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 284389
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.8 124.2
 160 45.8 36.9 55.3

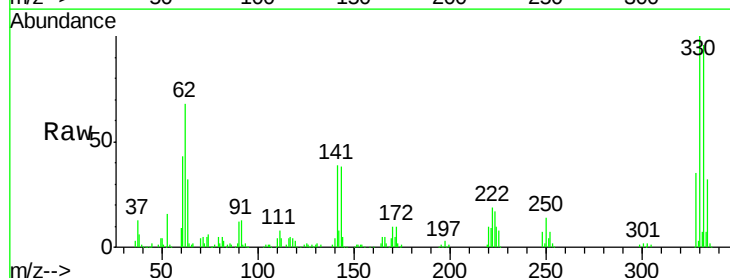


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

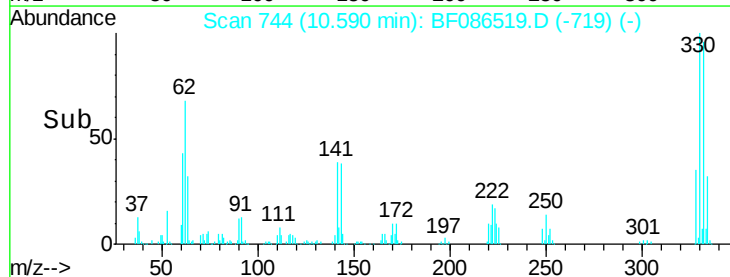
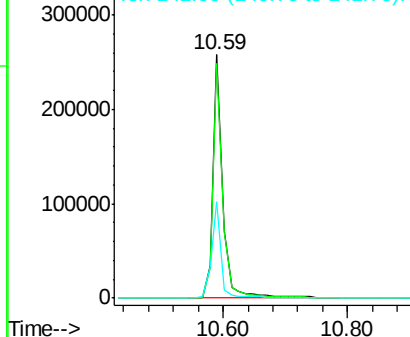


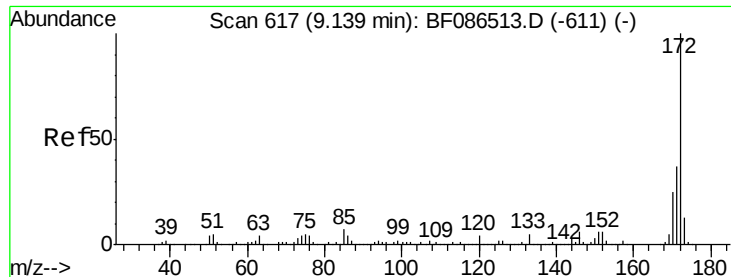
#41
 2,4,6-Tribromophenol
 Concen: 93.76 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086519.D
 Acq: 30 Apr 2016 13:05

Tgt Ion:330 Resp: 281185
 Ion Ratio Lower Upper
 330 100
 332 97.3 79.0 118.4
 141 39.7 31.2 46.8



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



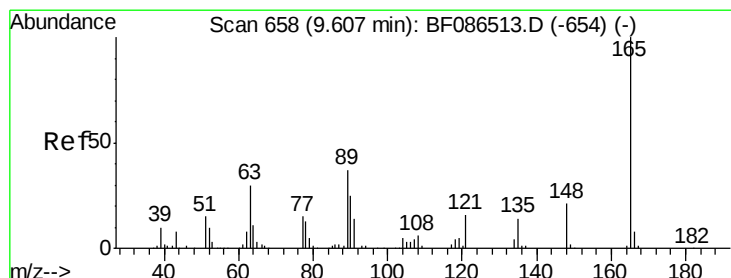
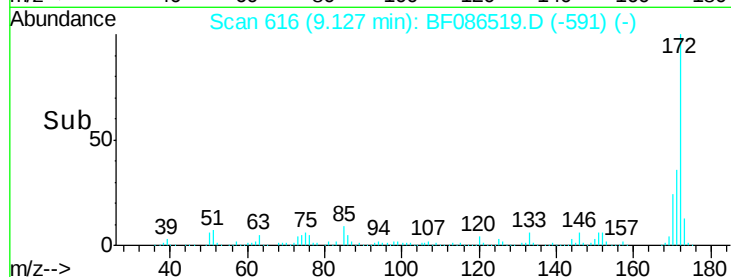
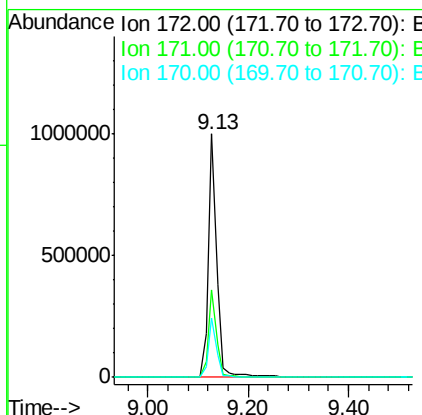
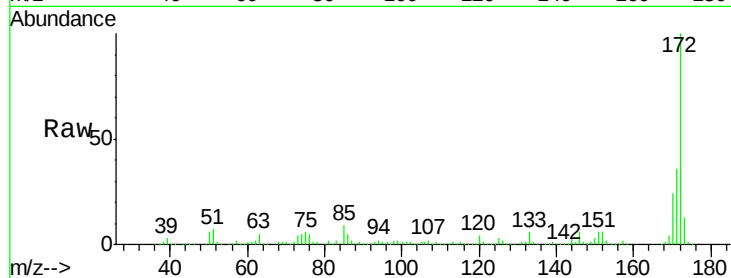


#44
 2-Fluorobiphenyl
 Concen: 69.57 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086519.D
 Acq: 30 Apr 2016 13:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1178779

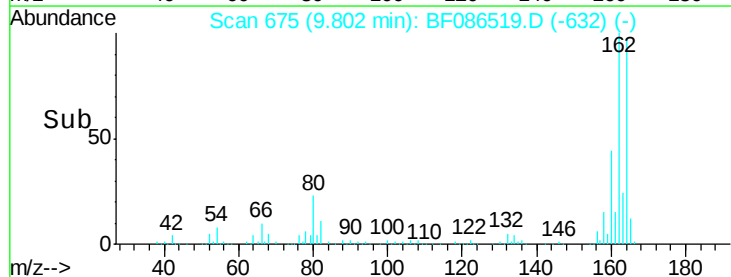
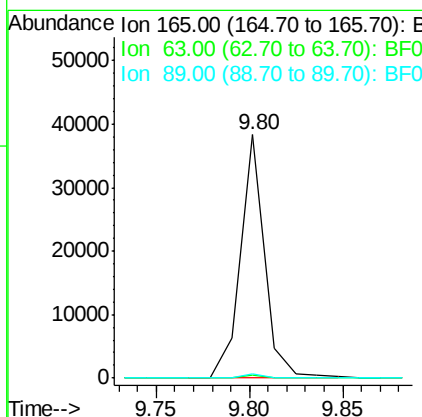
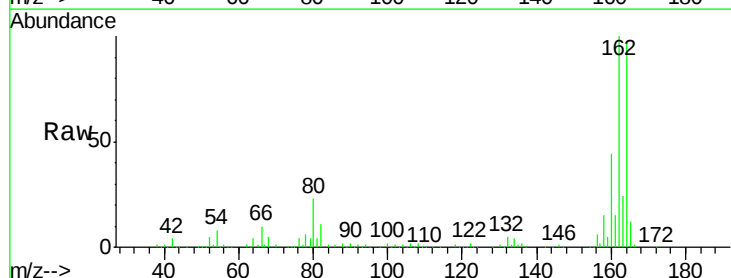
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	24.3	19.8	29.8

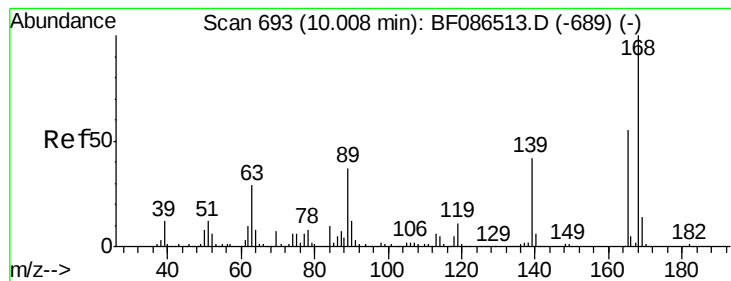


#50
 2,6-Dinitrotoluene
 Concen: 7.87 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF086519.D
 Acq: 30 Apr 2016 13:05

Tgt Ion:165 Resp: 34825

Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.8	77.8#
89	1.8	50.7	76.1#

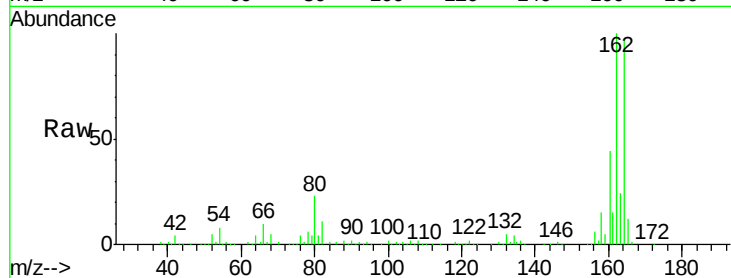




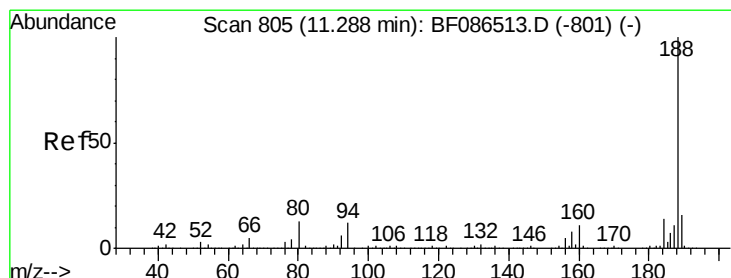
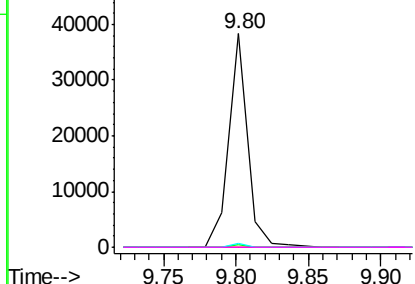
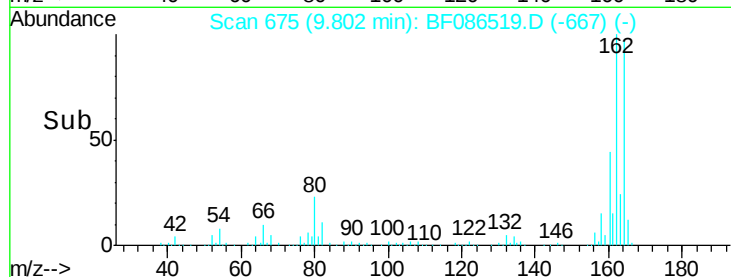
#56
 2,4-Dinitrotoluene
 Concen: 6.18 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF086519.D
 Acq: 30 Apr 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 34828
 Ion Ratio Lower Upper
 165 100
 63 1.4 44.3 66.5#
 89 1.8 70.0 105.0#
 182 0.0 1.8 2.6#

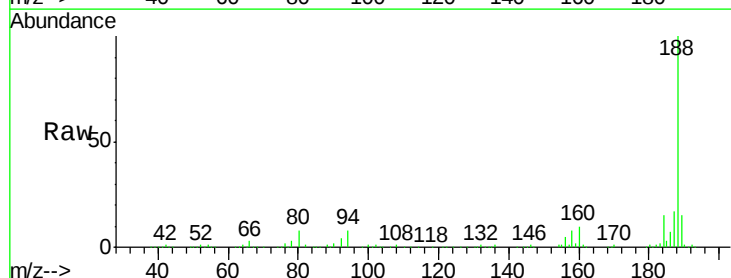


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

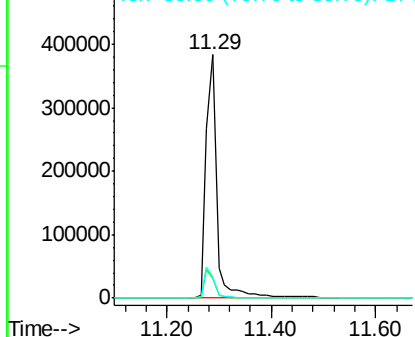
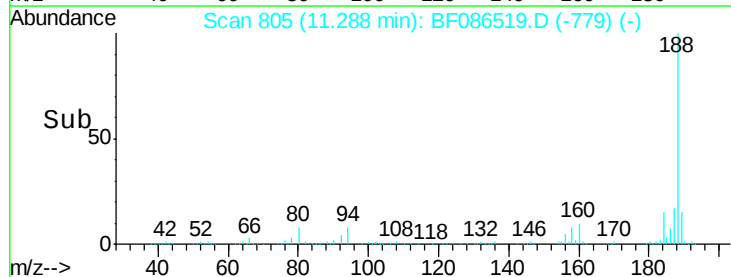


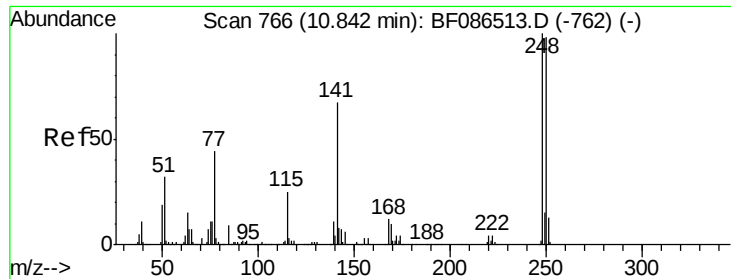
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF086519.D
 Acq: 30 Apr 2016 13:05

Tgt Ion:188 Resp: 552434
 Ion Ratio Lower Upper
 188 100
 94 8.0 6.8 10.2
 80 8.3 7.1 10.7



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

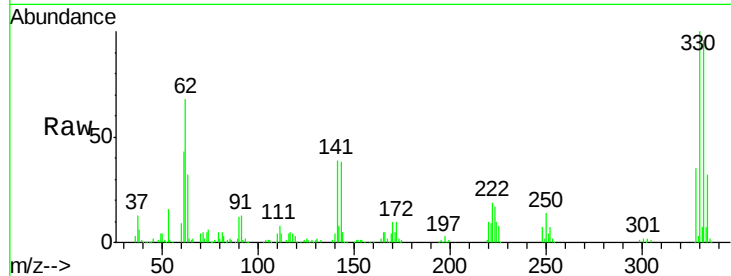




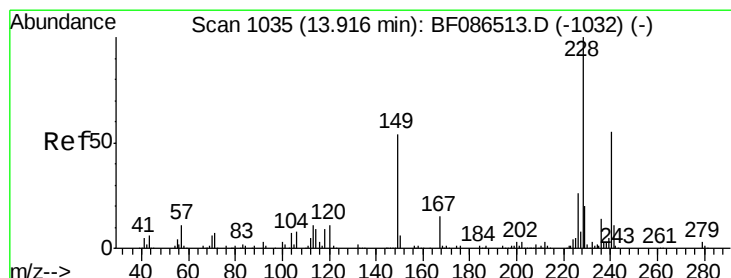
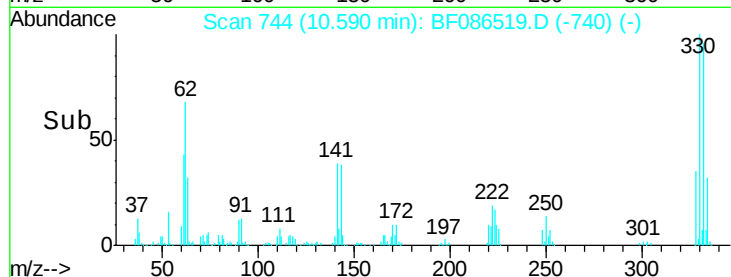
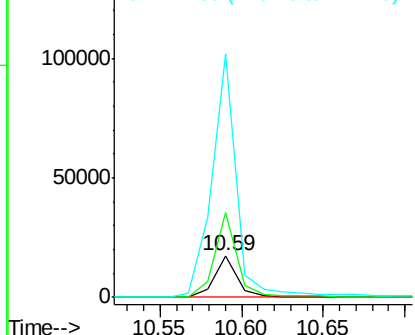
#66
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 17105
Ion Ratio Lower Upper
248 100
250 201.7 78.6 117.8#
141 581.6 76.0 114.0#

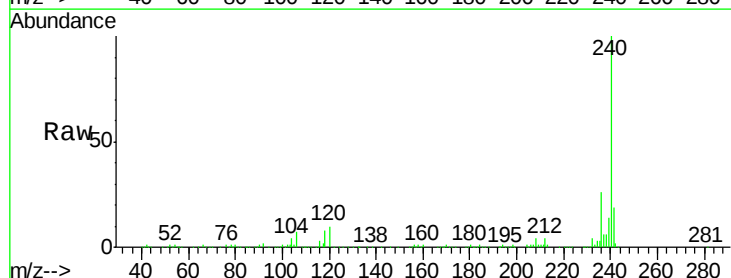


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

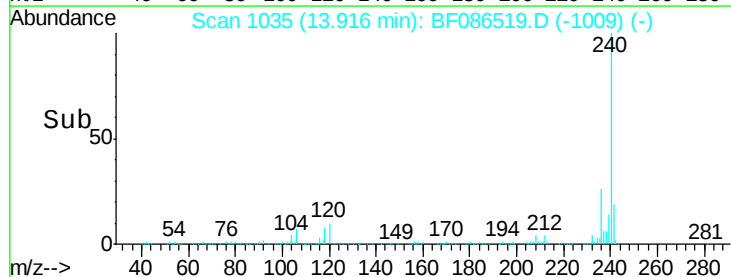
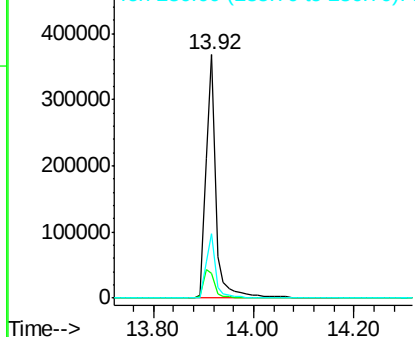


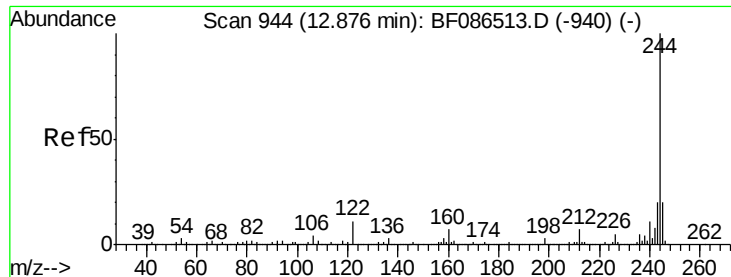
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF086519.D
Acq: 30 Apr 2016 13:05

Tgt Ion:240 Resp: 507792
Ion Ratio Lower Upper
240 100
120 10.0 11.2 16.8#
236 26.5 21.2 31.8



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: 55.12 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086519.D

Acq: 30 Apr 2016 13:05

Instrument :

BNA_F

ClientSampleId :

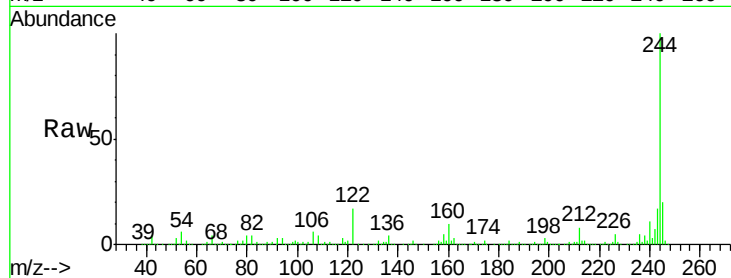
Tot Ion:244 Resp: 1270370

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

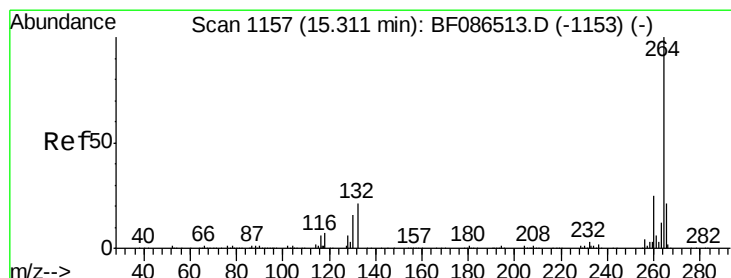
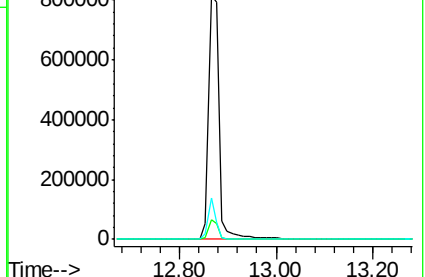
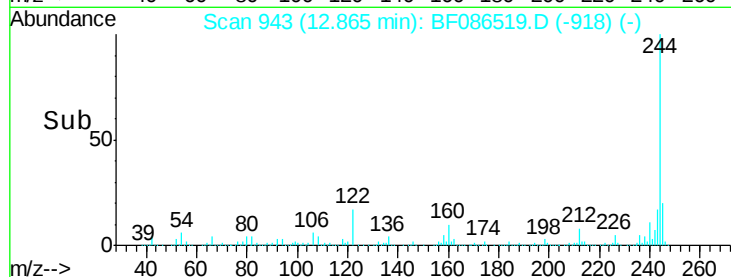
122 16.8 12.0 18.0



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: 15.31 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF086519.D

Acq: 30 Apr 2016 13:05

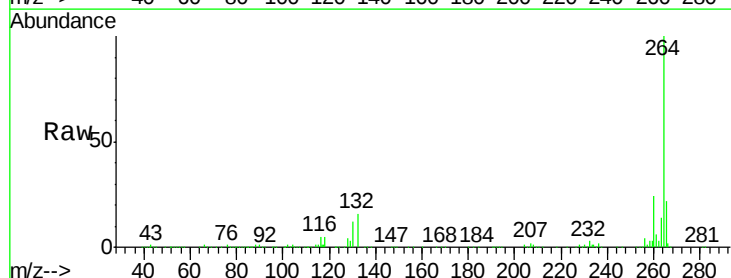
Tgt Ion:264 Resp: 385572

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.9 17.3 25.9



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

