

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042216\
 Data File : BF086379.D
 Acq On : 23 Apr 2016 9:14
 Operator : UM/SJ
 Sample : H2640-29
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-C

Quant Time: Apr 25 00:45:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 23 00:24:02 2016
 Response via : Initial Calibration

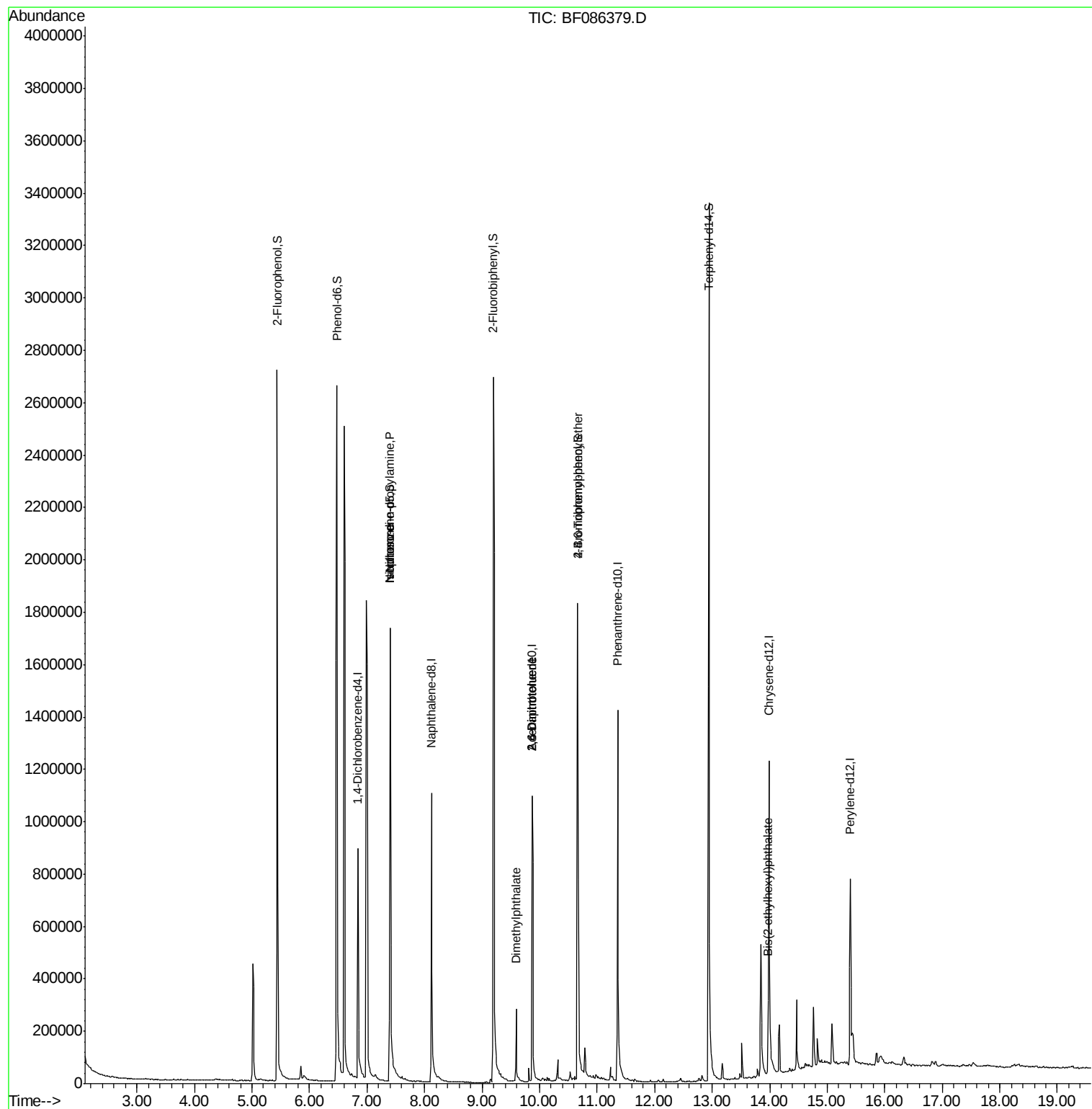
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	168218	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	715711	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	327373	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	688645	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	549411	20.00	ng	-0.01
86) Perylene-d12	15.40	264	420531	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	893486	91.73	ng	0.01
7) Phenol-d6	6.48	99	1360917	102.77	ng	0.00
23) Nitrobenzene-d5	7.40	82	777482	64.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	283287	95.59	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1388824	72.39	ng	-0.01
78) Terphenyl-d14	12.95	244	1326656	60.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	97536	12.33	ng	# 82
25) Isophorone	7.40	82	771517	32.58	ng	# 68
49) Dimethylphthalate	9.60	163	141725	5.99	ng	99
50) 2,6-Dinitrotoluene	9.87	165	39243	7.68	ng	# 20
56) 2,4-Dinitrotoluene	9.87	165	40809	6.02	ng	# 16
66) 4-Bromophenyl-phenylether	10.66	248	16514	2.45	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.97	149	43143	2.16	ng	# 94

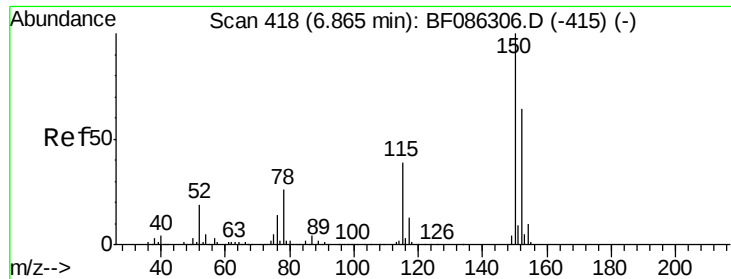
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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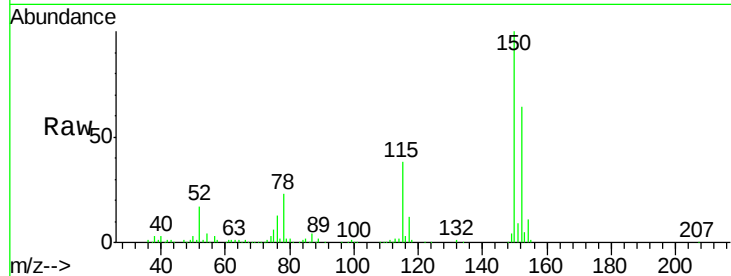


#1

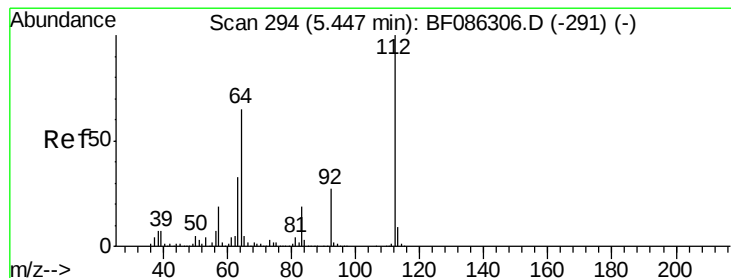
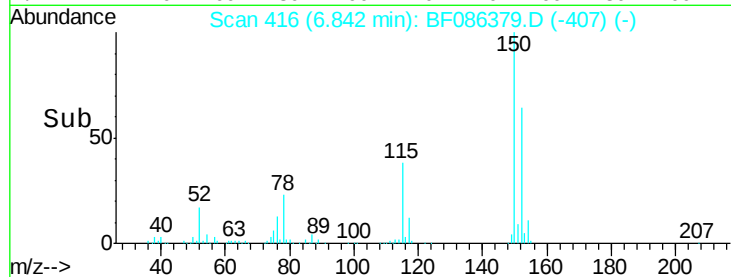
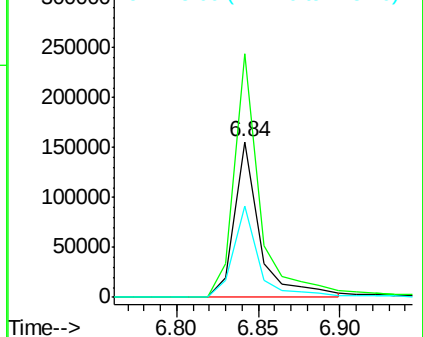
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF086379.D
Acq: 23 Apr 2016 9:14

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-C

Tgt Ion:152 Resp: 168218
Ion Ratio Lower Upper
152 100
150 156.3 125.8 188.6
115 58.7 51.5 77.3



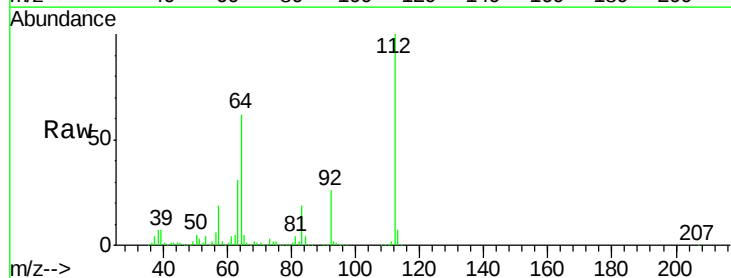
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



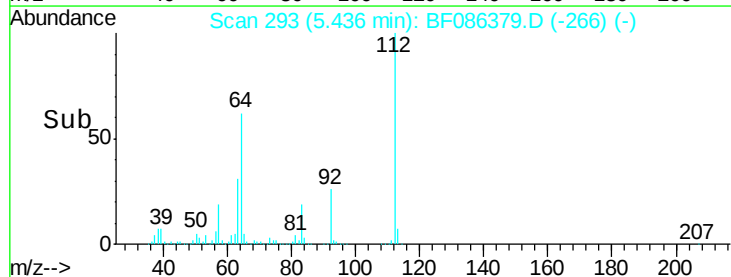
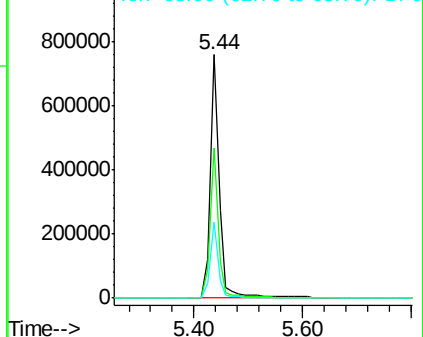
#5

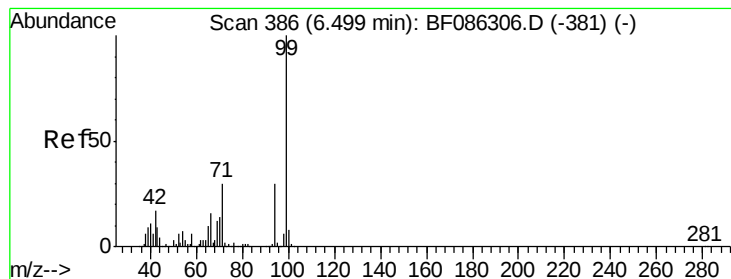
2-Fluorophenol
Concen: 91.73 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.01 min
Lab File: BF086379.D
Acq: 23 Apr 2016 9:14

Tgt Ion:112 Resp: 893486
Ion Ratio Lower Upper
112 100
64 61.6 52.1 78.1
63 31.4 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: 102.77 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF086379.D

Acq: 23 Apr 2016 9:14

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-C

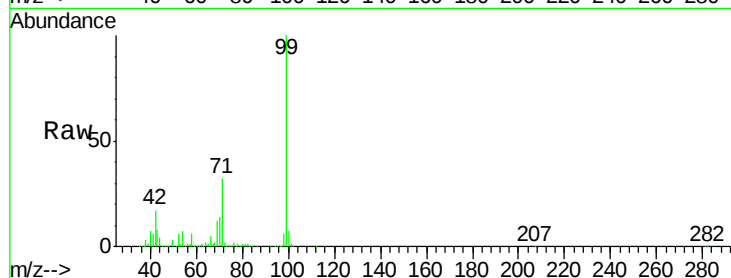
Tgt Ion: 99 Resp: 1360917

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

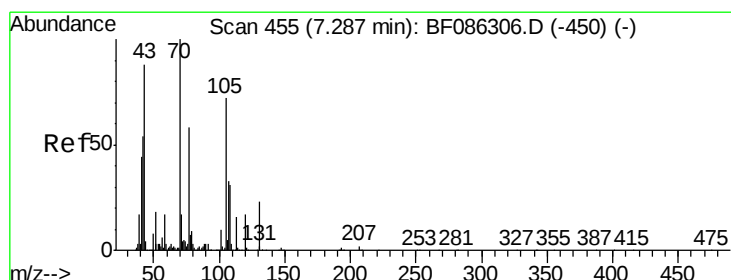
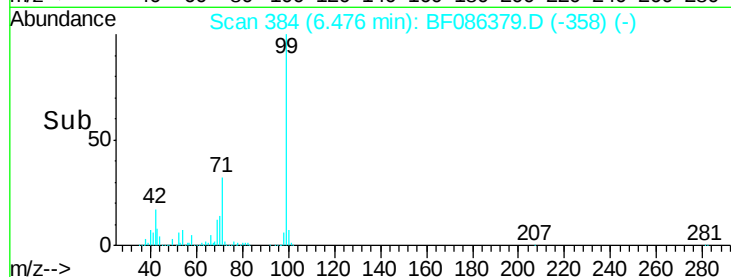
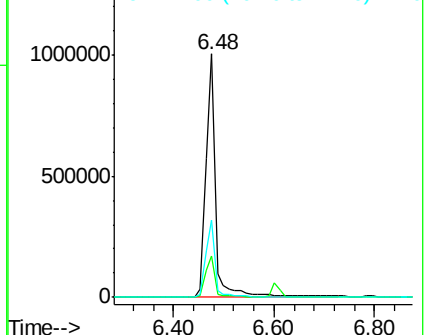
71 31.5 24.6 36.8



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: 12.33 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.14 min

Lab File: BF086379.D

Acq: 23 Apr 2016 9:14

Tgt Ion: 70 Resp: 97536

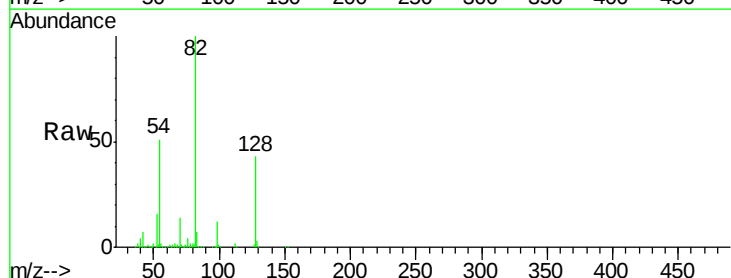
Ion Ratio Lower Upper

70 100

42 49.9 43.1 64.7

101 0.0 8.1 12.1#

130 2.0 18.6 28.0#

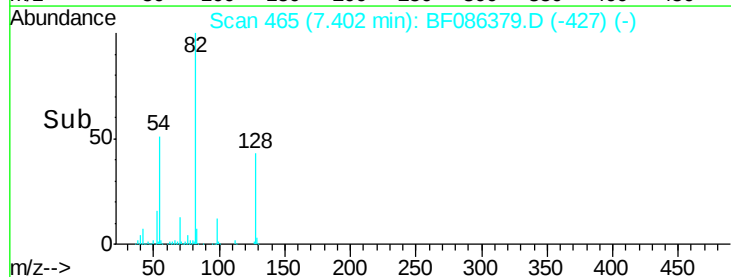
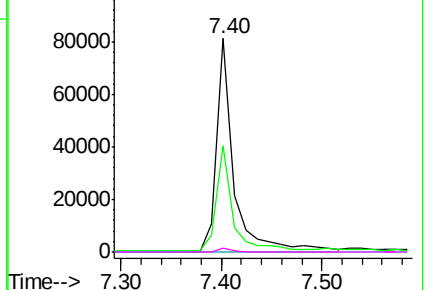


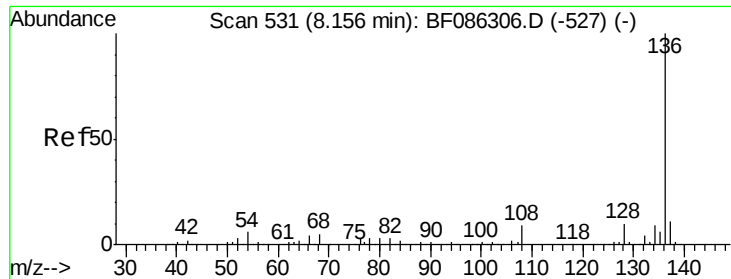
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

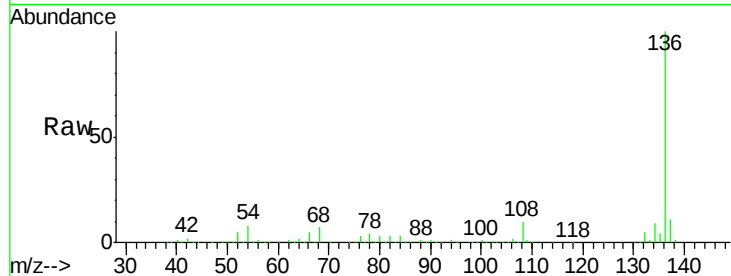




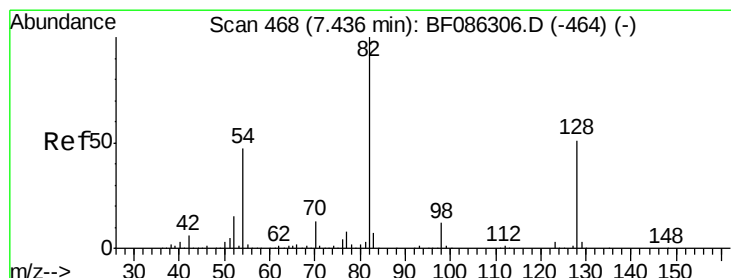
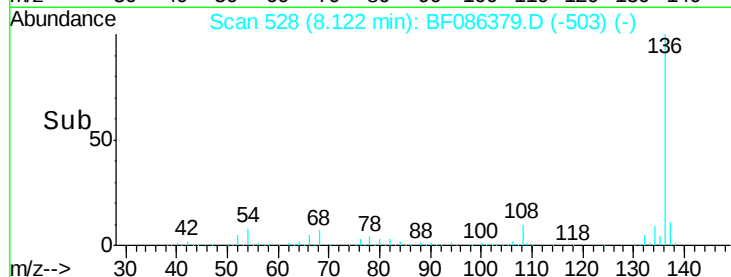
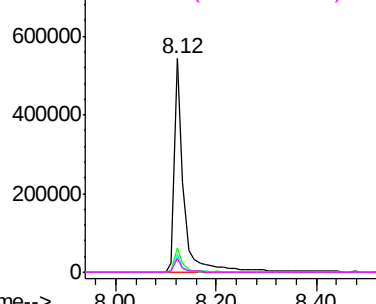
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF086379.D
Acq: 23 Apr 2016 9:14

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-C

Tgt Ion:	136	Resp:	715711
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	8.4	5.0	7.4#
68	6.6	4.4	6.6

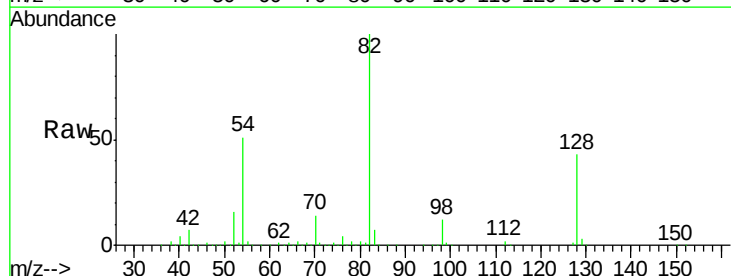


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

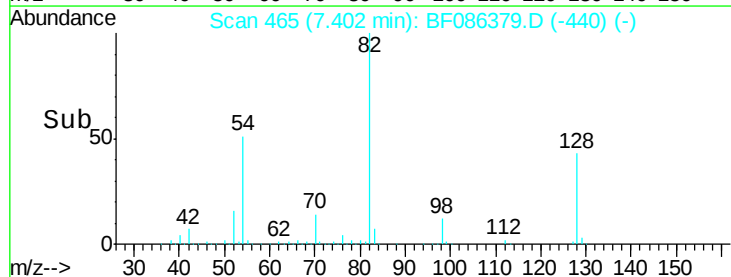
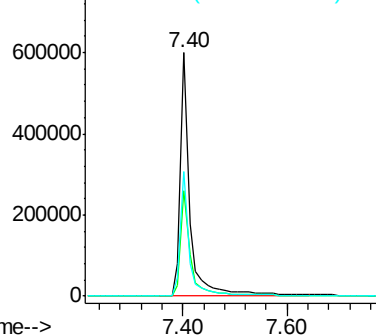


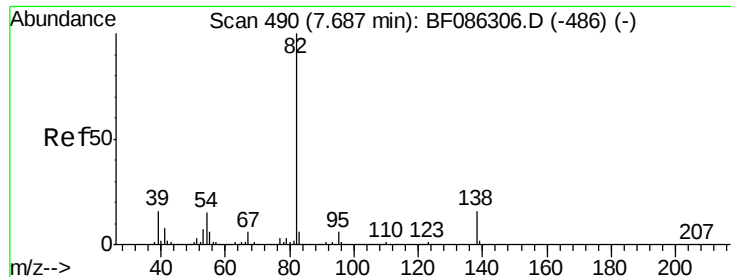
#23
Nitrobenzene-d5
Concen: 64.35 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF086379.D
Acq: 23 Apr 2016 9:14

Tgt Ion:	82	Resp:	777482
Ion	Ratio	Lower	Upper
82	100		
128	43.3	40.6	61.0
54	50.9	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





#25

Isophorone

Concen: 32.58 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF086379.D

Acq: 23 Apr 2016 9:14

Instrument :

BNA_F

ClientSampleId :

WPG-B3(5-9)-C

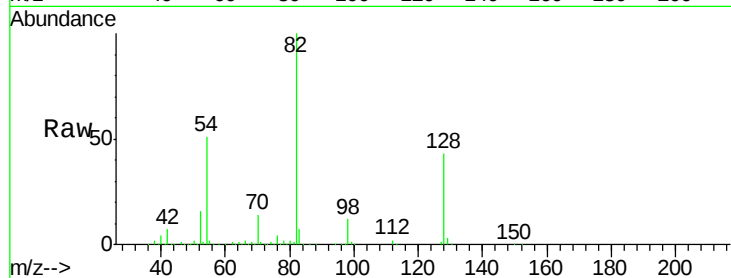
Tgt Ion: 82 Resp: 771517

Ion Ratio Lower Upper

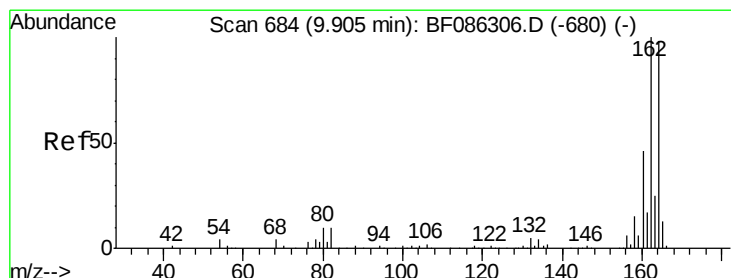
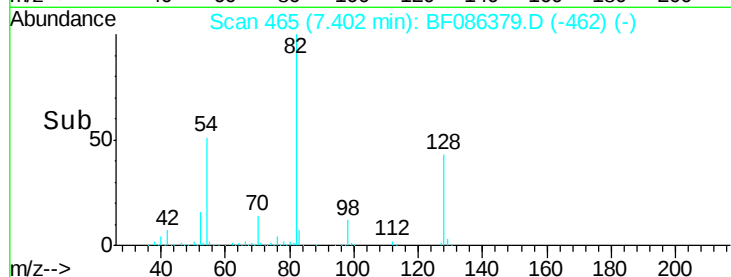
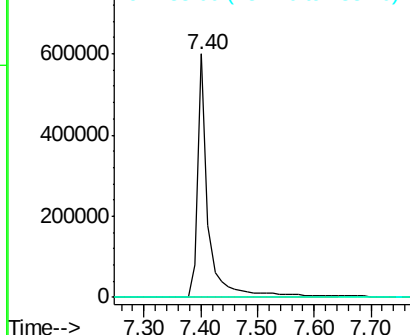
82 100

95 0.0 5.1 7.7#

138 0.0 12.4 18.6#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086379.D

Acq: 23 Apr 2016 9:14

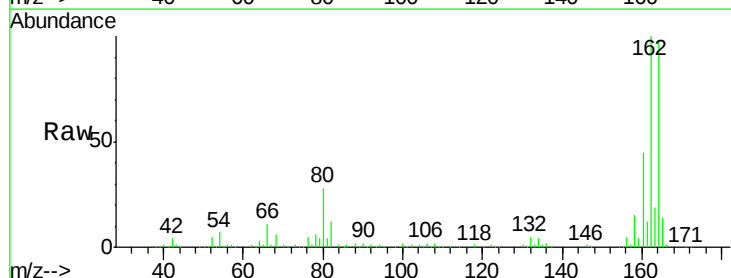
Tgt Ion: 164 Resp: 327373

Ion Ratio Lower Upper

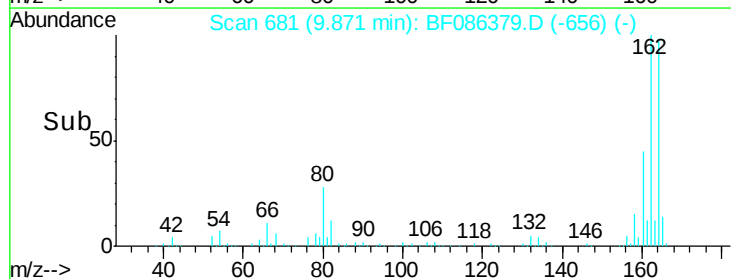
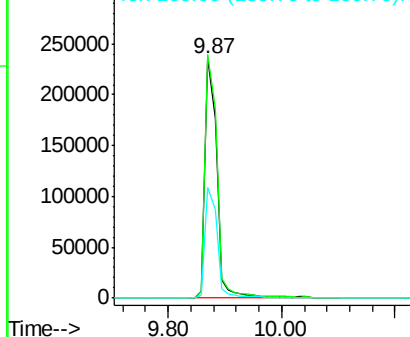
164 100

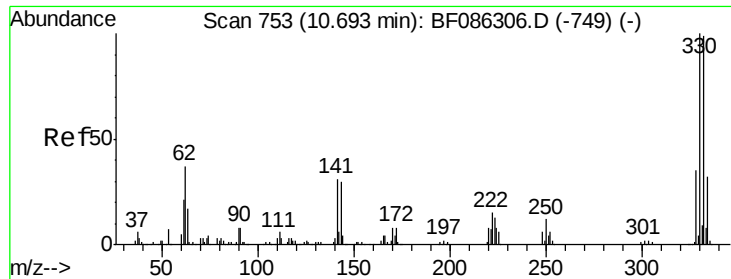
162 101.6 82.8 124.2

160 45.9 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

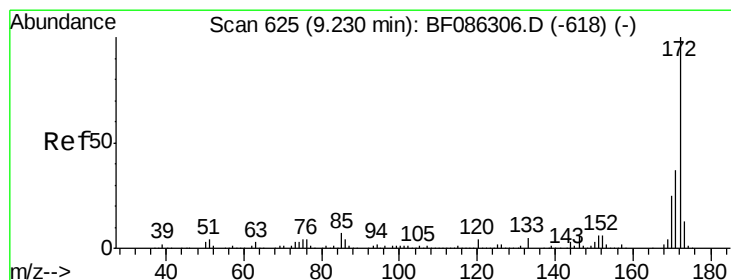
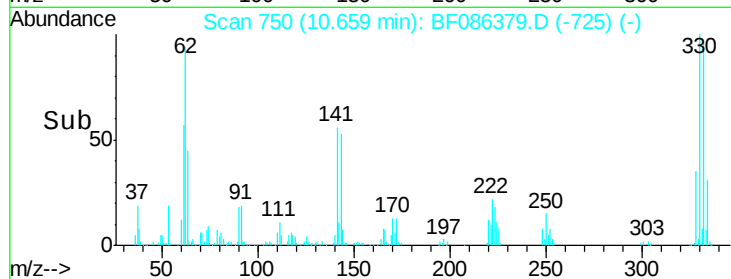
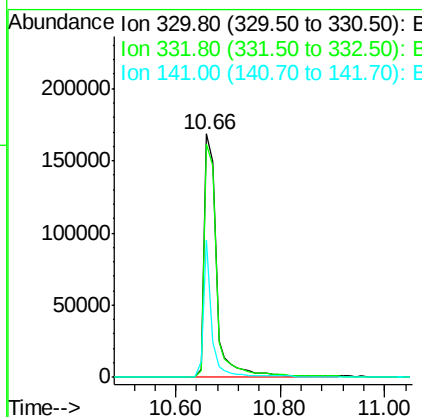
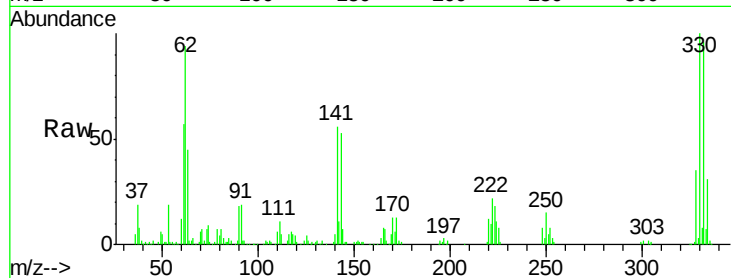




#41
 2,4,6-Tribromophenol
 Concen: 95.59 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF086379.D
 Acq: 23 Apr 2016 9:14

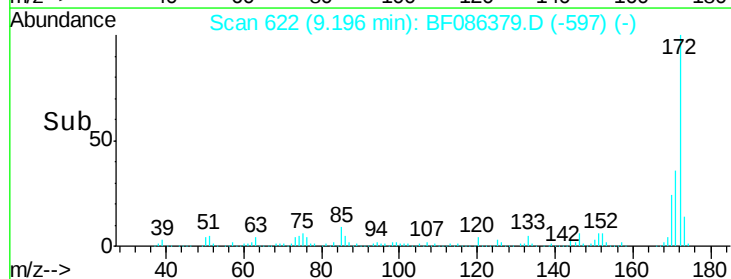
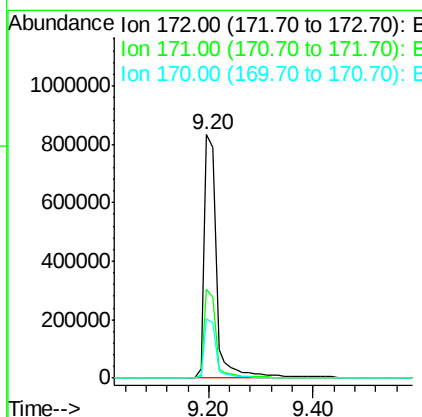
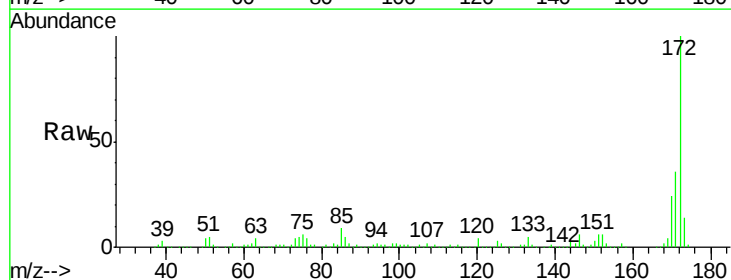
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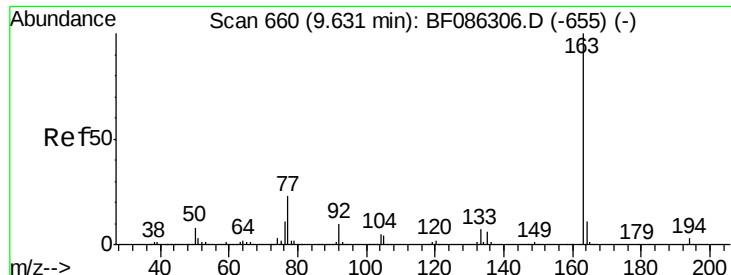
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	79.0	118.4
141	38.6	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 72.39 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086379.D
 Acq: 23 Apr 2016 9:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.4	19.8	29.8

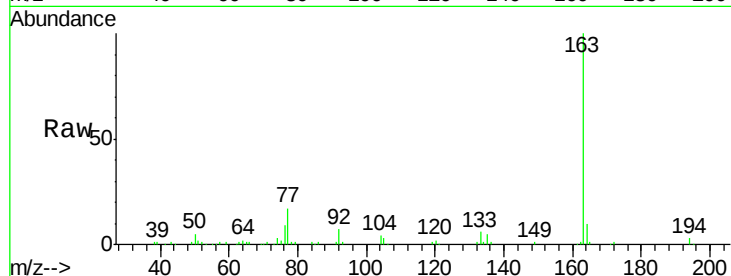




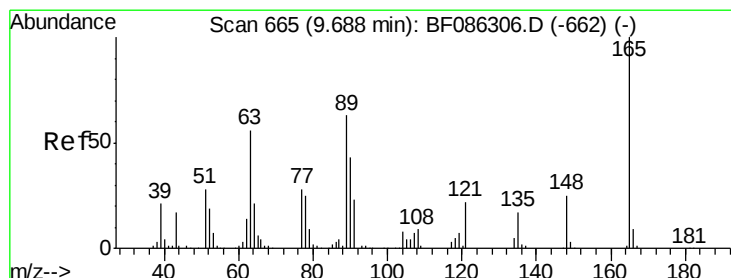
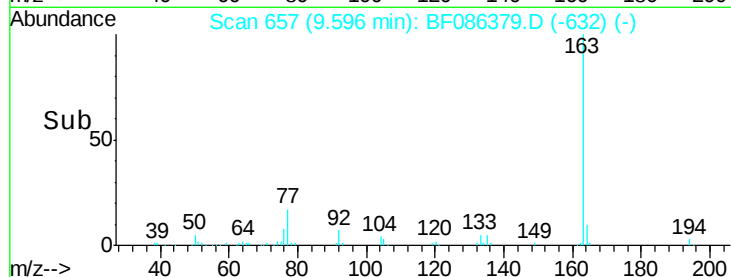
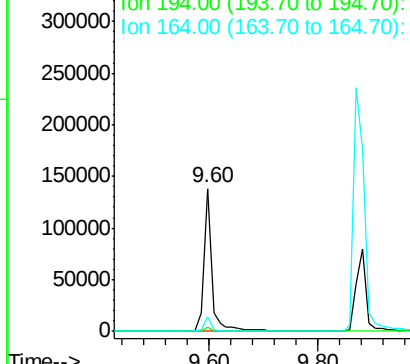
#49
Dimethylphthalate
Concen: 5.99 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086379.D
Acq: 23 Apr 2016 9:14

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-C

Tgt Ion:163 Resp: 141725
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 8.2 12.4

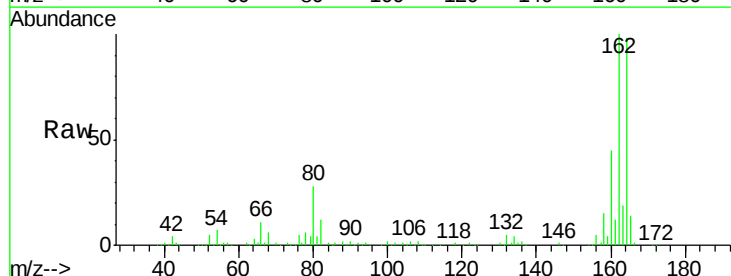


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

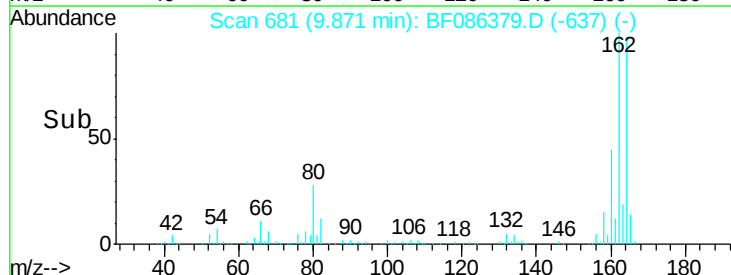
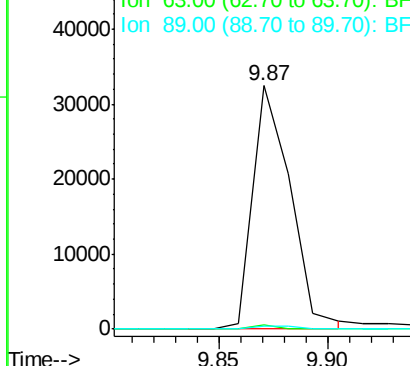


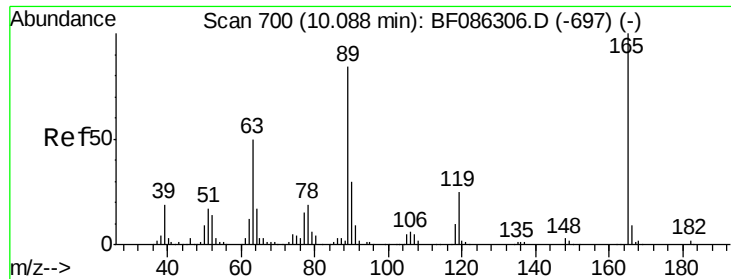
#50
2,6-Dinitrotoluene
Concen: 7.68 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.21 min
Lab File: BF086379.D
Acq: 23 Apr 2016 9:14

Tgt Ion:165 Resp: 39243
Ion Ratio Lower Upper
165 100
63 1.5 51.8 77.8#
89 1.5 50.7 76.1#



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

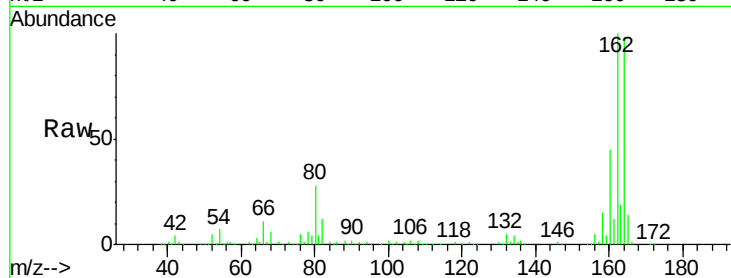




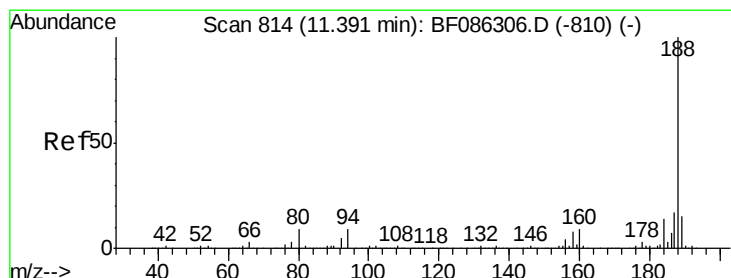
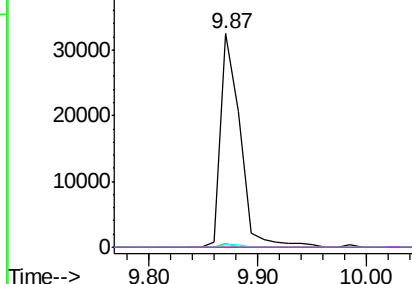
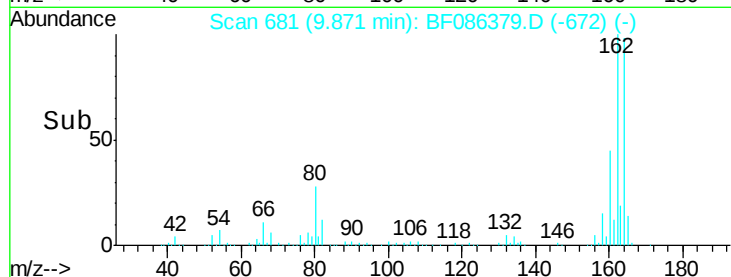
#56
 2,4-Dinitrotoluene
 Concen: 6.02 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.19 min
 Lab File: BF086379.D
 Acq: 23 Apr 2016 9:14

Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-C

Tgt Ion:165 Resp: 40809
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.3 66.5#
 89 1.5 70.0 105.0#
 182 0.0 1.8 2.6#

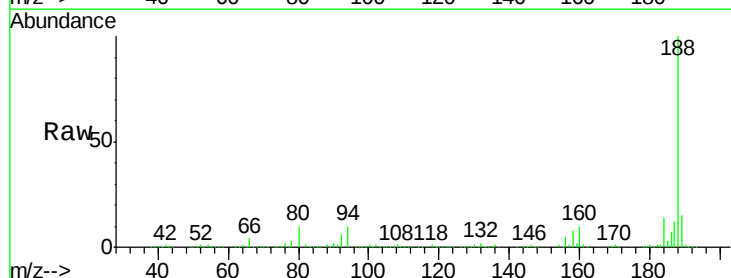


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

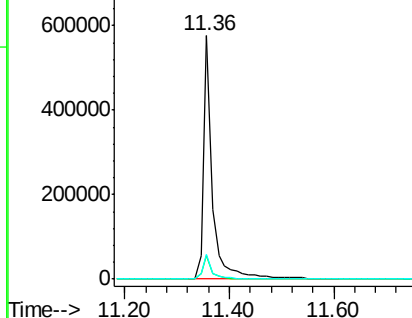
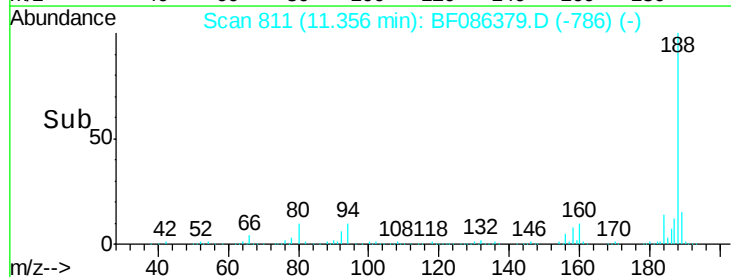


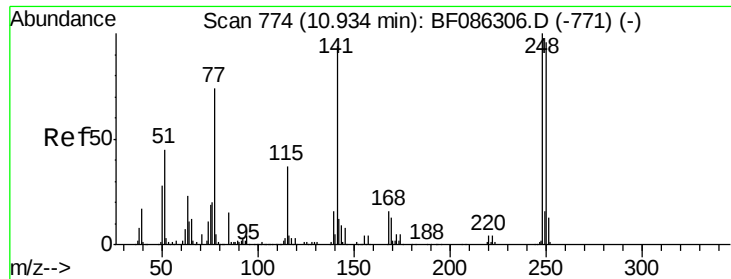
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086379.D
 Acq: 23 Apr 2016 9:14

Tgt Ion:188 Resp: 688645
 Ion Ratio Lower Upper
 188 100
 94 9.8 6.8 10.2
 80 10.2 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

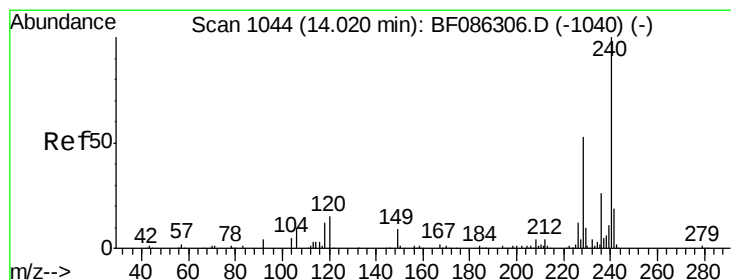
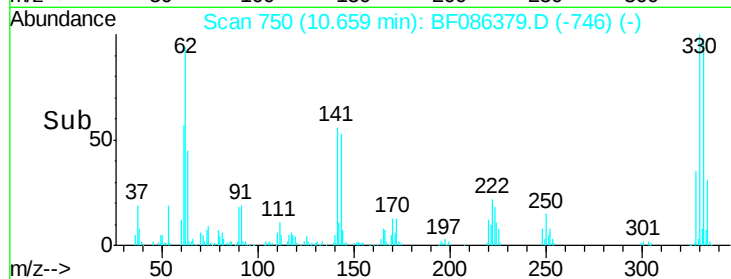
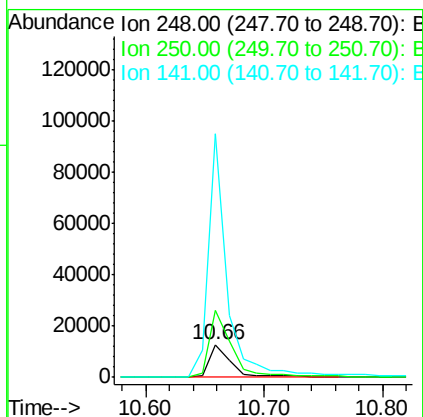
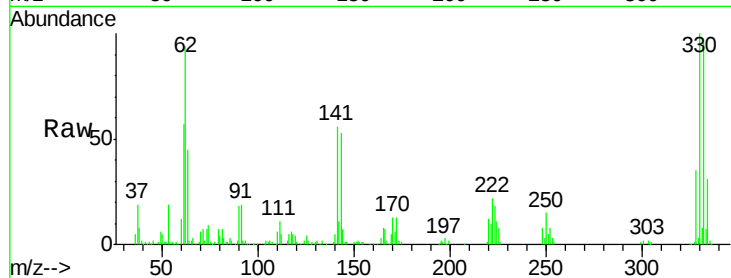




#66
 4-Bromophenyl-phenylether
 Concen: 2.45 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.25 min
 Lab File: BF086379.D
 Acq: 23 Apr 2016 9:14

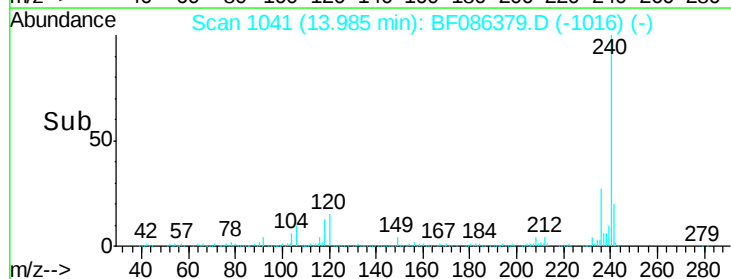
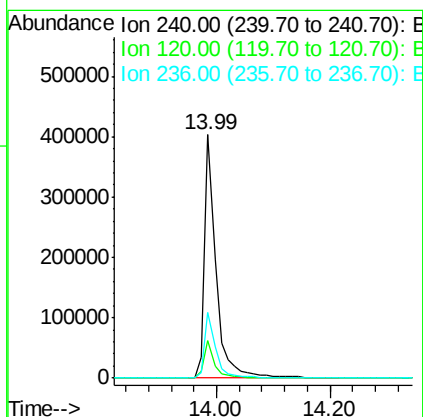
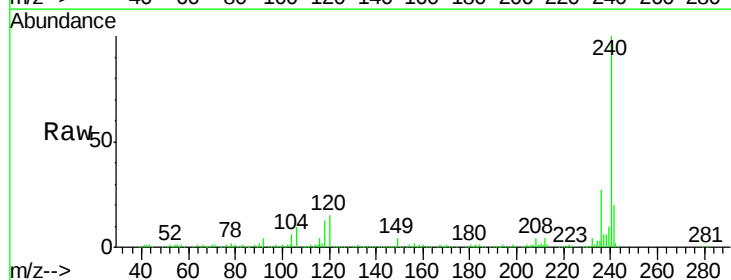
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-C

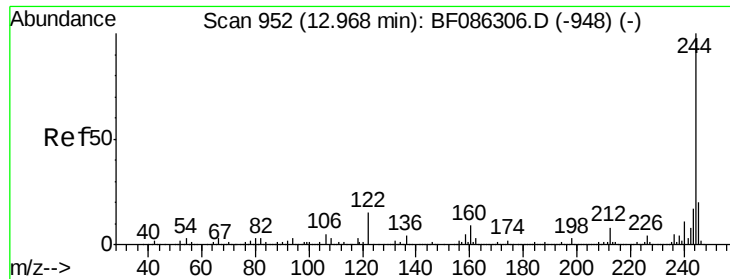
Tgt Ion:248 Resp: 16514
 Ion Ratio Lower Upper
 248 100
 250 203.8 78.6 117.8#
 141 744.6 76.0 114.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF086379.D
 Acq: 23 Apr 2016 9:14

Tgt Ion:240 Resp: 549411
 Ion Ratio Lower Upper
 240 100
 120 15.3 11.2 16.8
 236 26.9 21.2 31.8

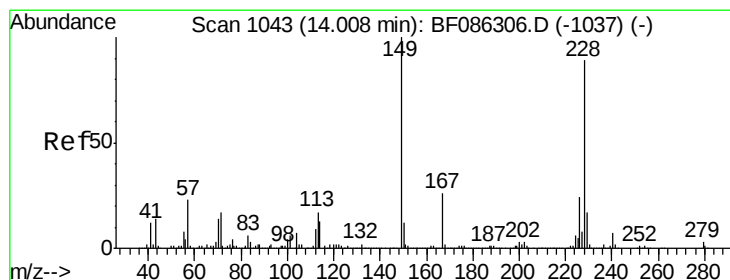
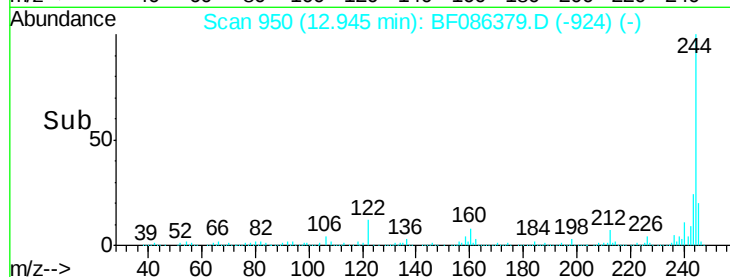
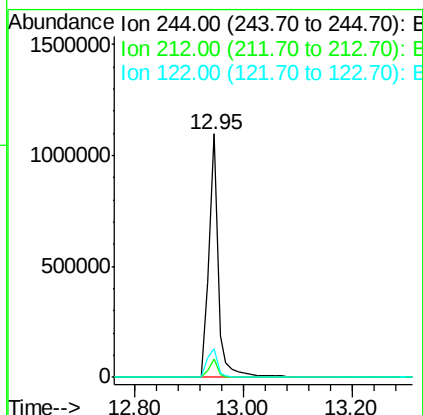
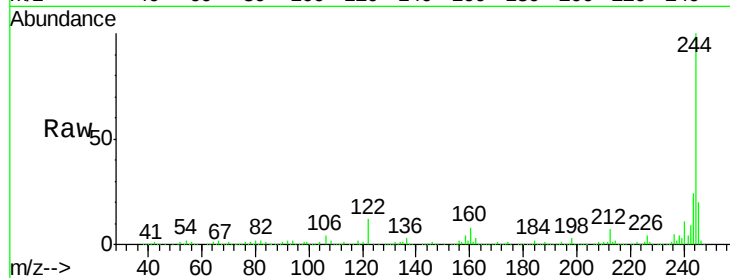




#78
 Terphenyl-d14
 Concen: 60.00 ng
 RT: 12.95 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF086379.D
 Acq: 23 Apr 2016 9:14

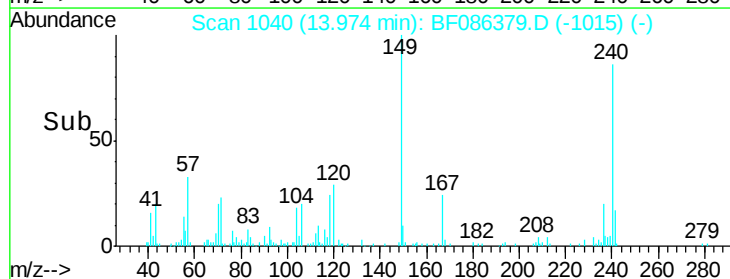
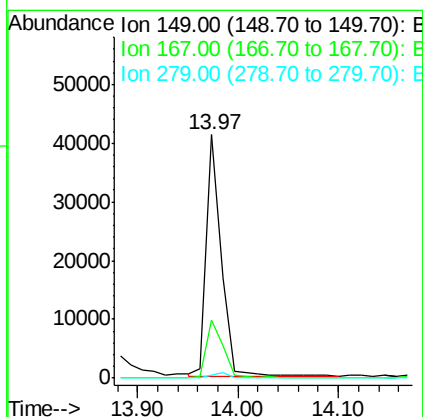
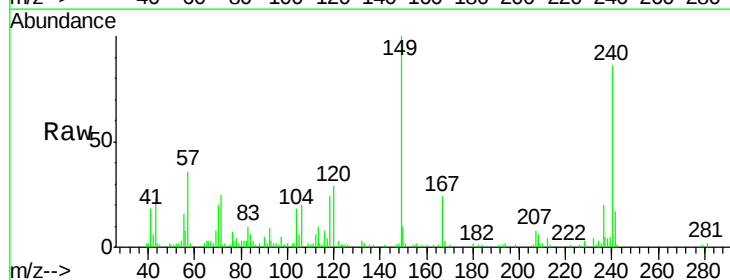
Instrument :
 BNA_F
 ClientSampleId :
 WPG-B3(5-9)-C

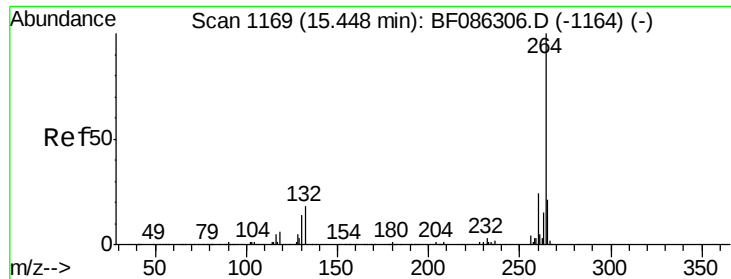
Tgt Ion:244 Resp: 1326656
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 11.9 12.0 18.0#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.16 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF086379.D
 Acq: 23 Apr 2016 9:14

Tgt Ion:149 Resp: 43143
 Ion Ratio Lower Upper
 149 100
 167 24.0 21.8 32.6
 279 1.4 2.6 4.0#

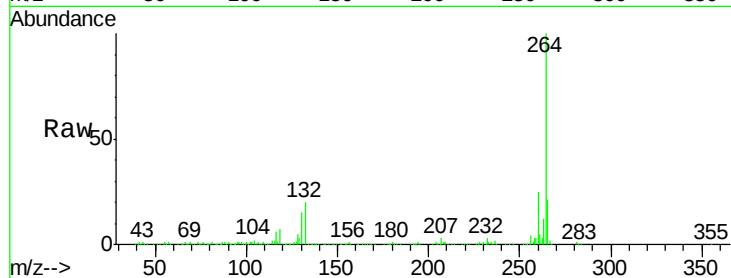




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF086379.D
Acq: 23 Apr 2016 9:14

Instrument :
BNA_F
ClientSampleId :
WPG-B3(5-9)-C

Tgt Ion: 264 Resp: 420531
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.4 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

