

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086225.D
 Acq On : 15 Apr 2016 19:19
 Operator : UM/SJ
 Sample : H2532-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-041316

Quant Time: Apr 16 00:26:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	285972	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1157138	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	517175	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	875746	20.00	ng	0.00
75) Chrysene-d12	14.04	240	598617	20.00	ng	-0.01
86) Perylene-d12	15.48	264	459085	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1932989	110.75	ng	0.01
7) Phenol-d6	6.52	99	2549963	116.80	ng	0.00
23) Nitrobenzene-d5	7.46	82	1773510	88.40	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	531690	128.03	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2558747	91.30	ng	0.00
78) Terphenyl-d14	13.00	244	1996091	83.85	ng	0.00

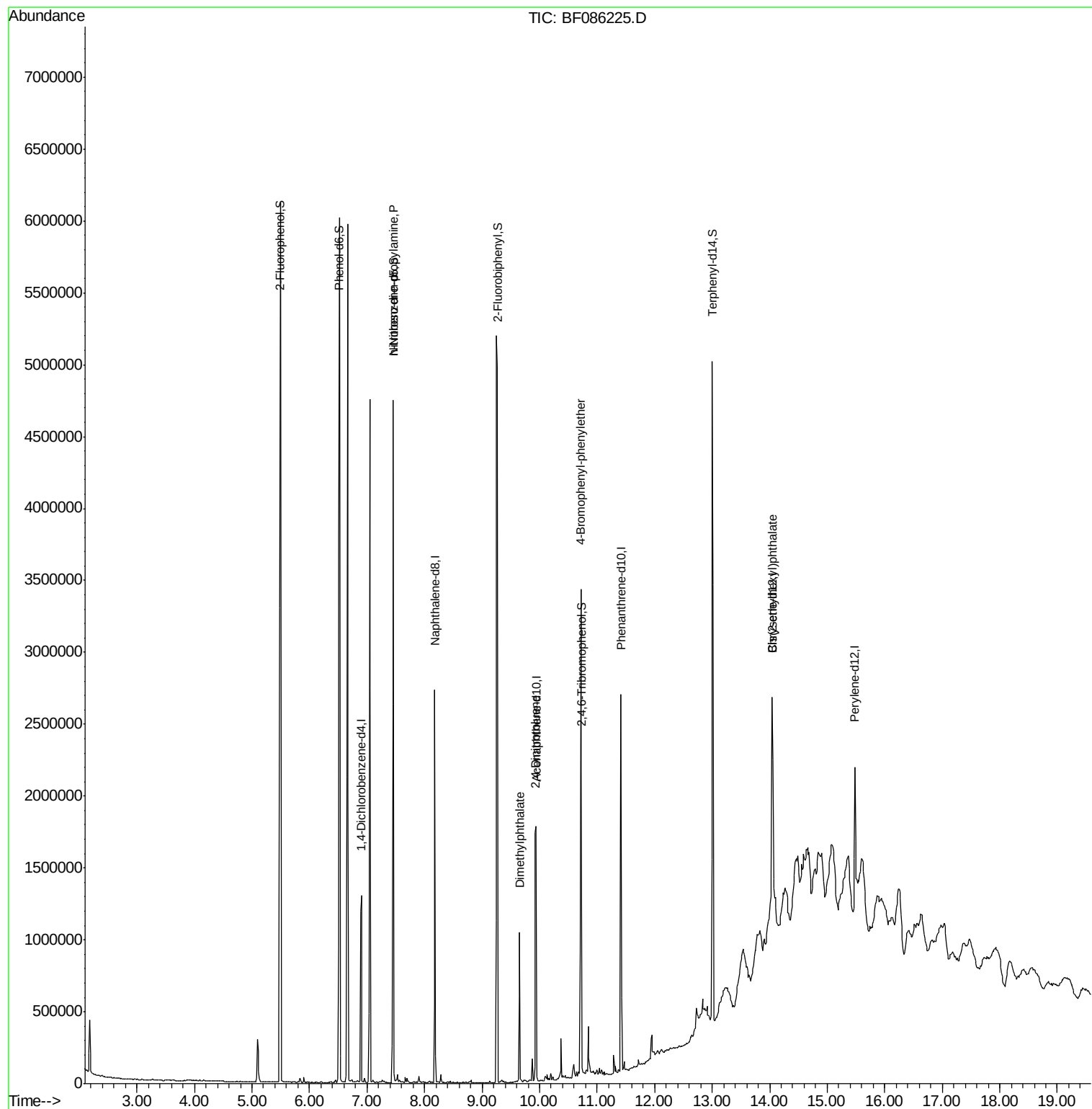
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	250122	17.90	ng	# 81
22) Acetophenone	7.30	105	1056	Below Cal		# 47
49) Dimethylphthalate	9.65	163	534720	14.22	ng	98
56) 2,4-Dinitrotoluene	9.93	165	65560	6.15	ng	# 31
57) Fluorene	10.72	166	26368	Below Cal		# 83
66) 4-Bromophenyl-phenylether	10.72	248	32979	4.04	ng	# 1
71) Anthracene	11.49	178	1829	Below Cal		# 54
74) Fluoranthene	12.63	202	11278	Below Cal		89
83) Bis(2-ethylhexyl)phthalate	14.04	149	52277	2.28	ng	# 97

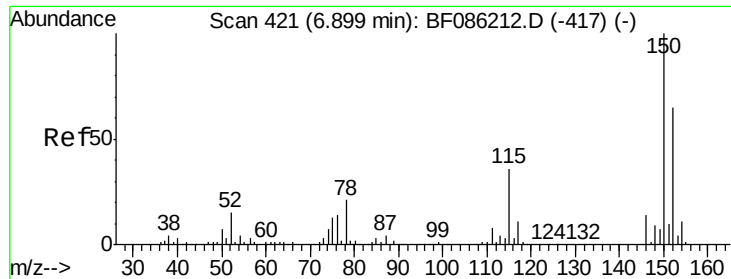
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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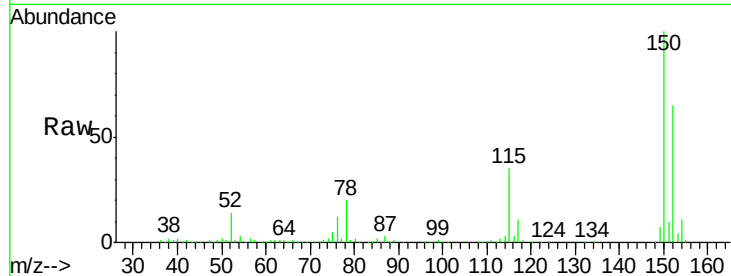


#1

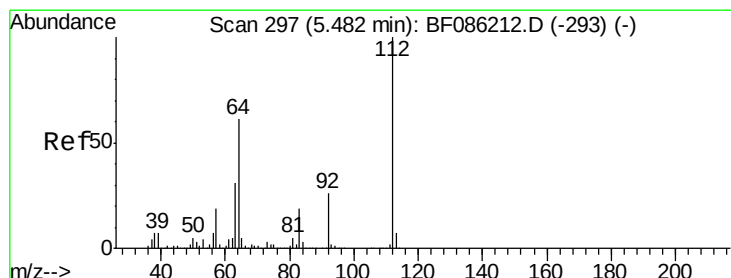
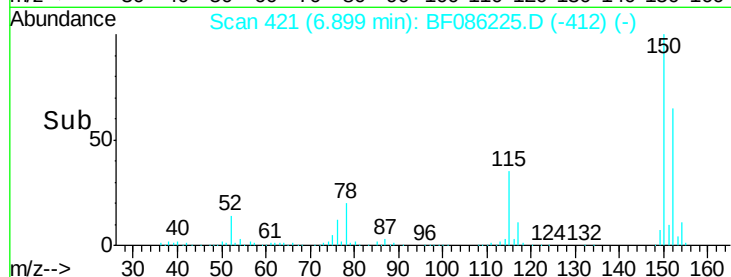
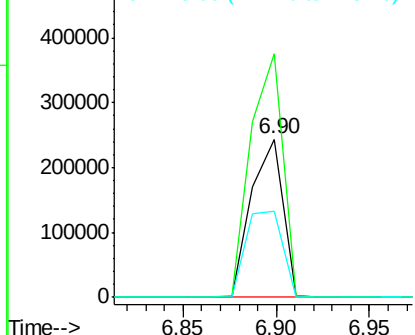
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Instrument :
BNA_F
ClientSampleId :
WC-041316

Tgt Ion:152 Resp: 285972
Ion Ratio Lower Upper
152 100
150 154.0 124.1 186.1
115 54.6 43.9 65.9



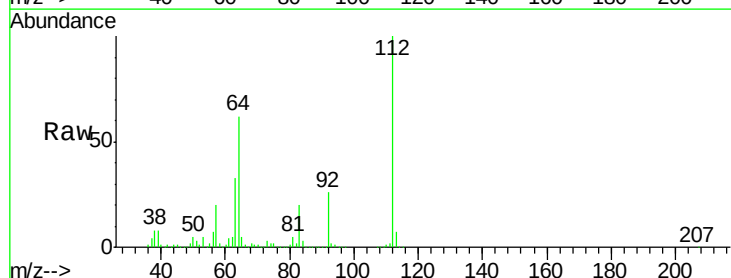
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



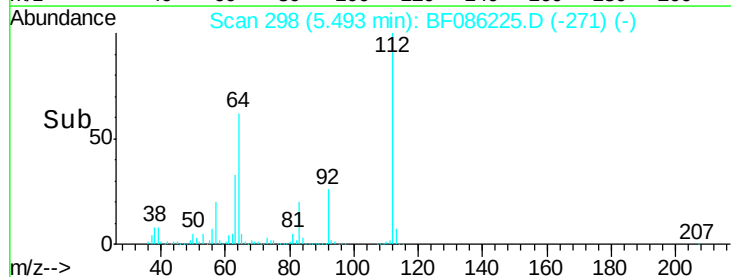
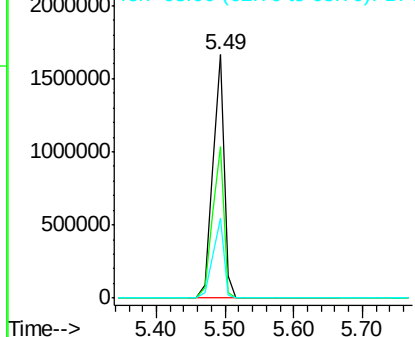
#5

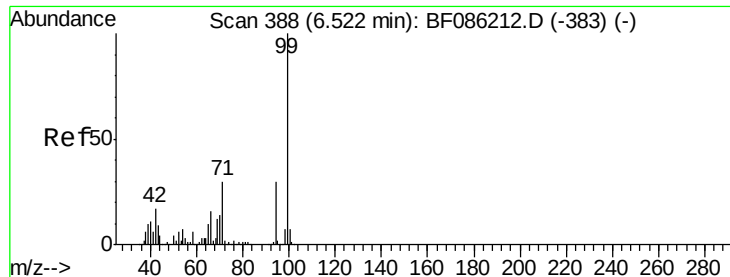
2-Fluorophenol
Concen: 110.75 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Tgt Ion:112 Resp: 1932989
Ion Ratio Lower Upper
112 100
64 62.3 48.1 72.1
63 32.5 25.5 38.3



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: 116.80 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

Instrument :

BNA_F

ClientSampleId :

WC-041316

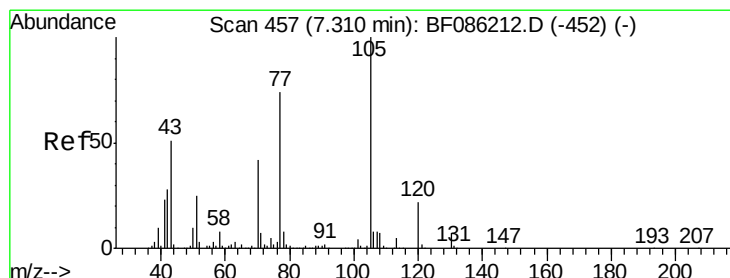
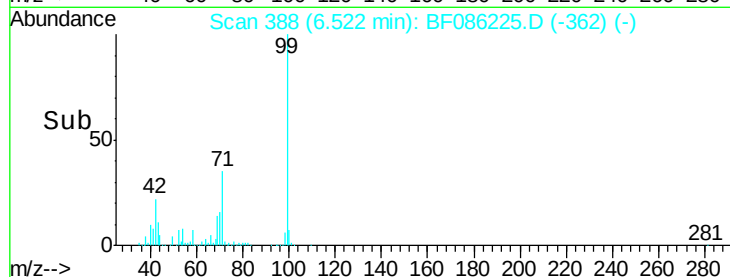
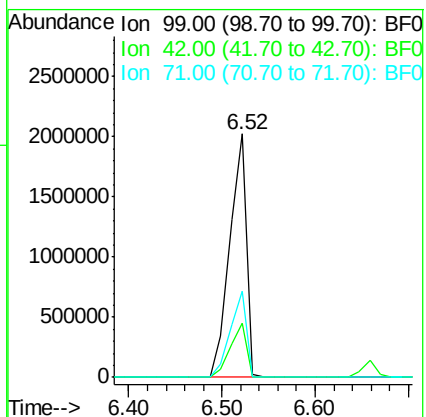
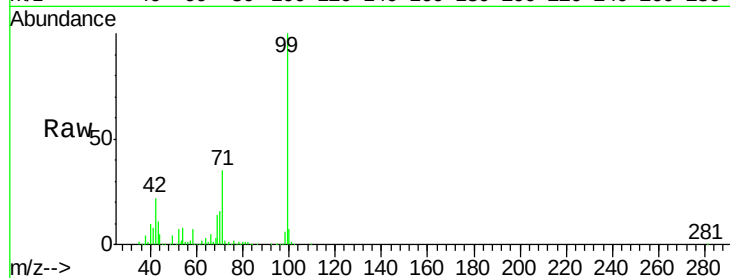
Tgt Ion: 99 Resp: 2549963

Ion Ratio Lower Upper

99 100

42 22.4 15.4 23.2

71 35.1 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.90 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

Tgt Ion: 70 Resp: 250122

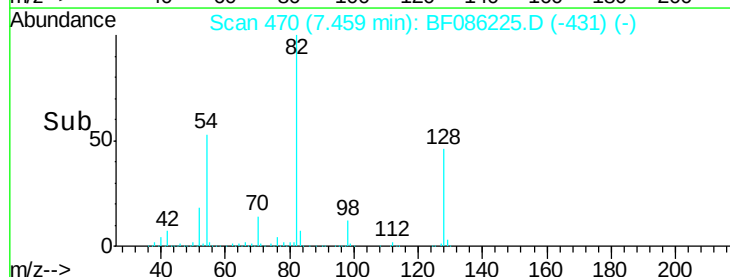
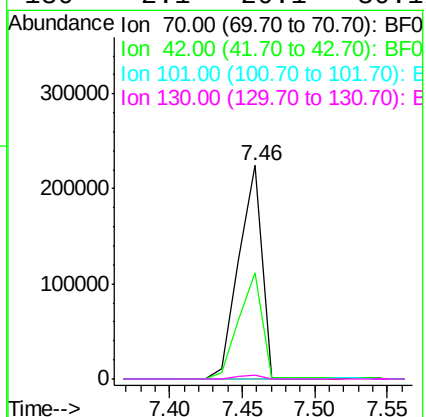
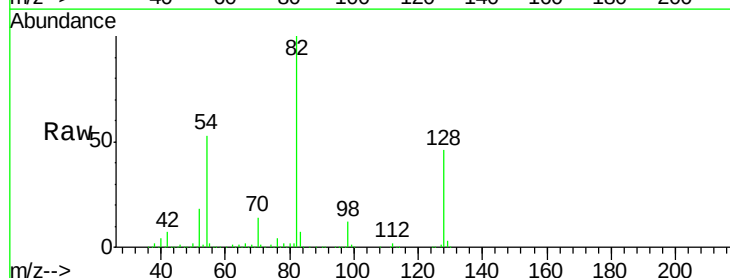
Ion Ratio Lower Upper

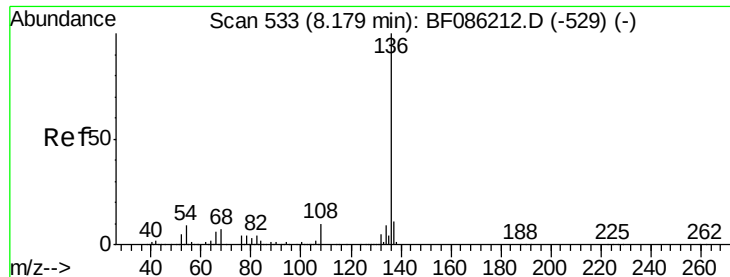
70 100

42 49.8 43.0 64.4

101 0.0 8.1 12.1#

130 2.1 20.1 30.1#

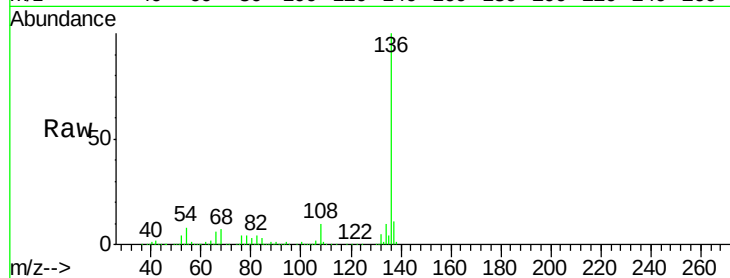




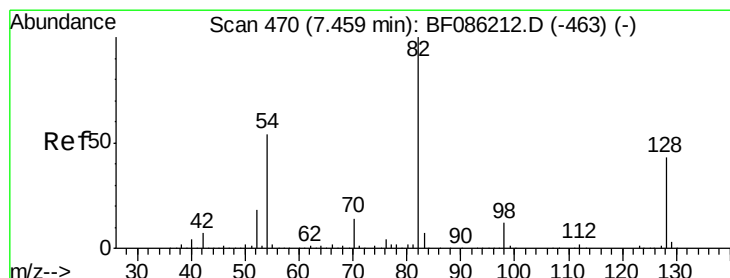
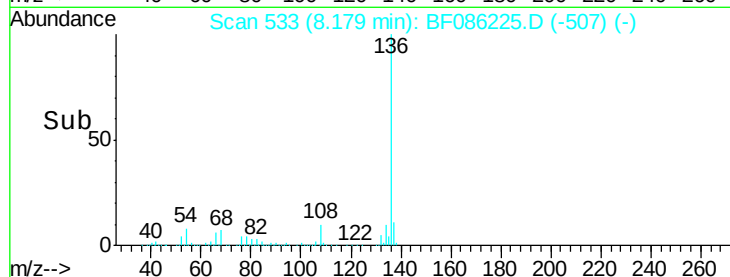
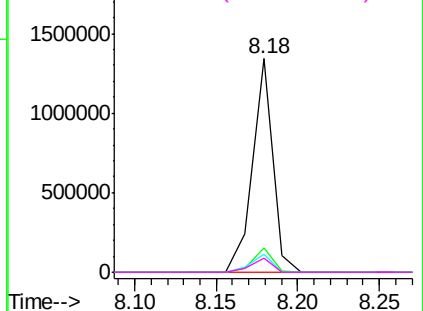
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Instrument :
BNA_F
ClientSampleId :
WC-041316

Tgt Ion:	136	Resp:	1157138
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.4	7.3	10.9
68	6.8	5.7	8.5

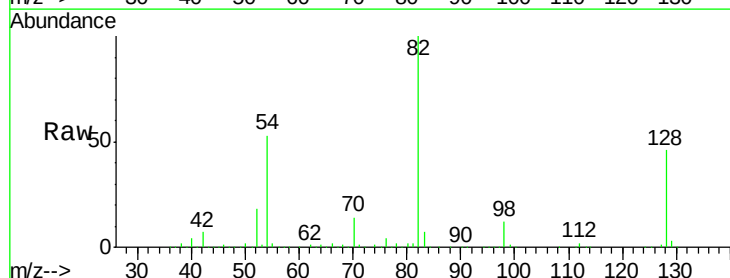


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

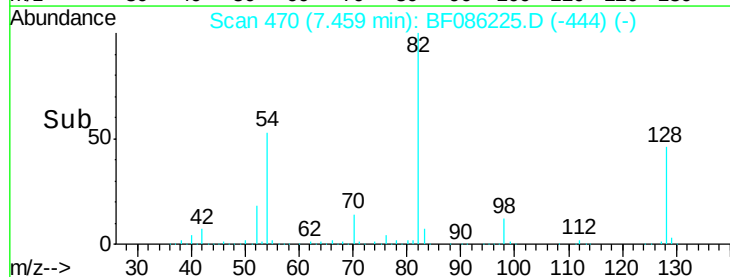
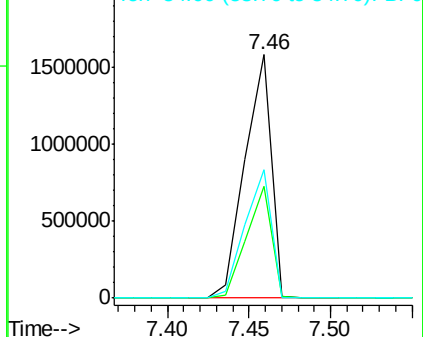


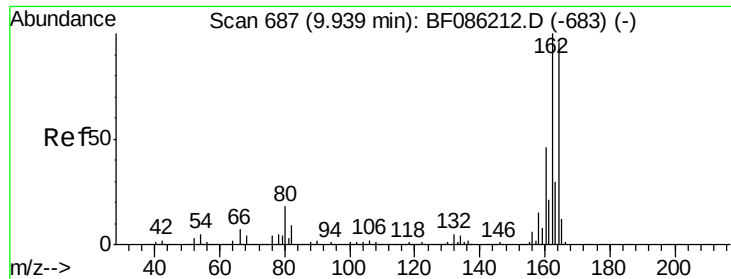
#23
Nitrobenzene-d5
Concen: 88.40 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Tgt Ion:	82	Resp:	1773510
Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.4	53.2
54	52.8	43.4	65.0



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: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

Instrument :

BNA_F

ClientSampleId :

WC-041316

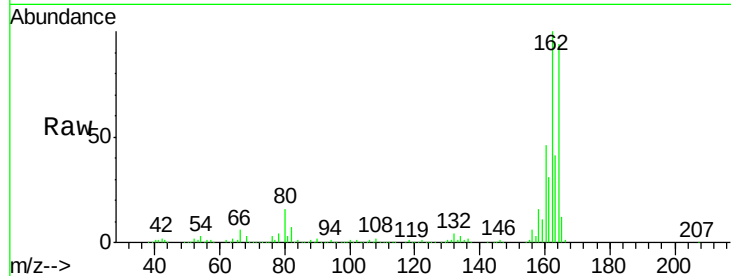
Tgt Ion:164 Resp: 517175

Ion Ratio Lower Upper

164 100

162 106.1 82.8 124.2

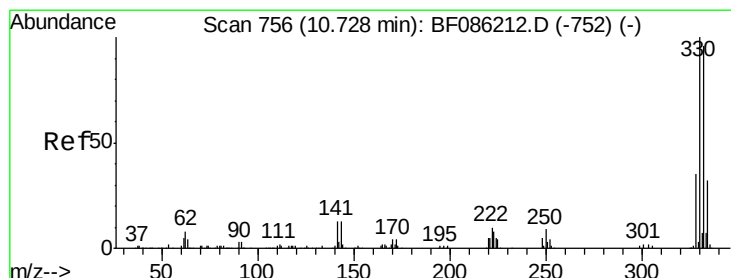
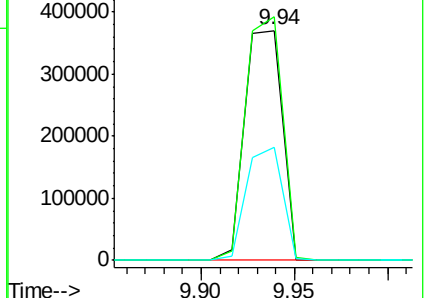
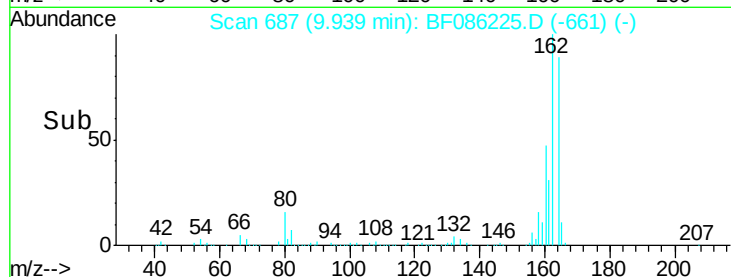
160 49.1 38.9 58.3



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: 128.03 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

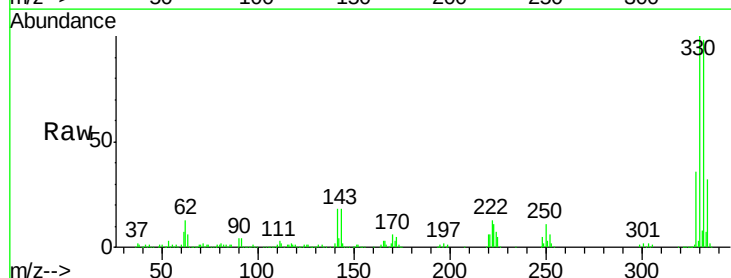
Tgt Ion:330 Resp: 531690

Ion Ratio Lower Upper

330 100

332 96.5 78.7 118.1

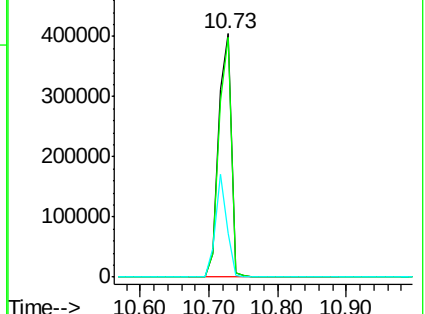
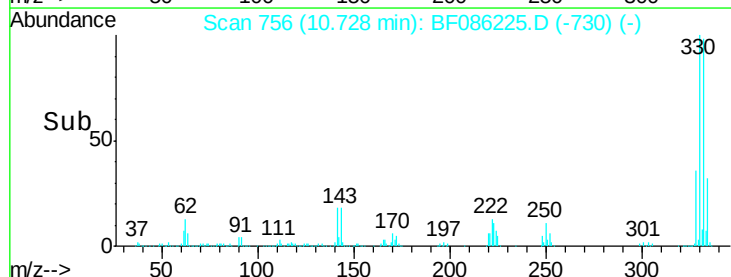
141 38.9 28.6 42.8

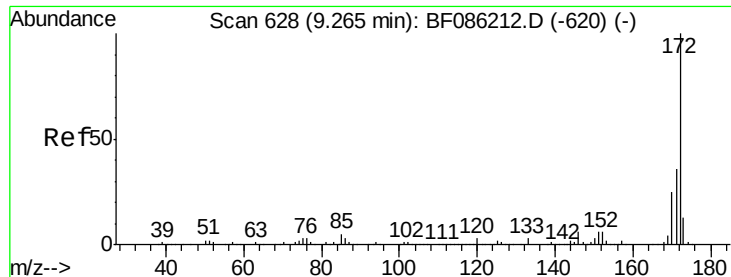


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

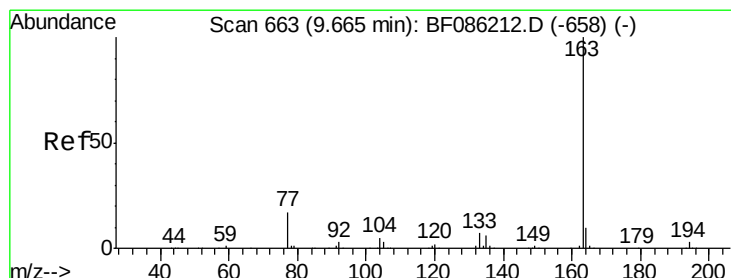
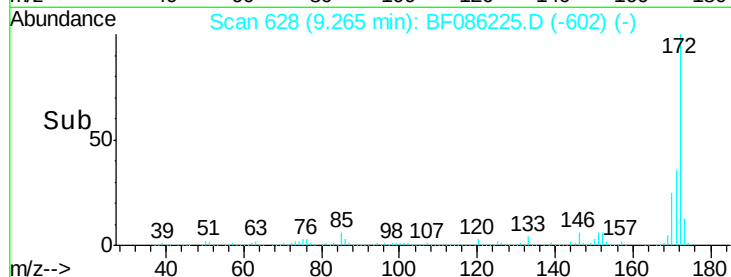
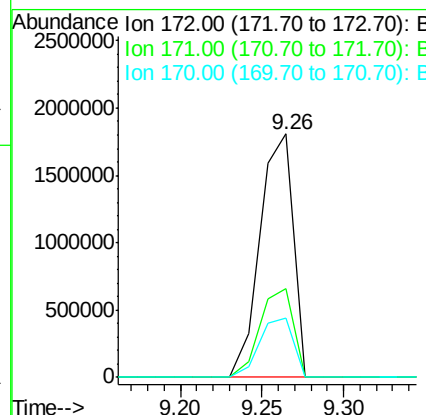
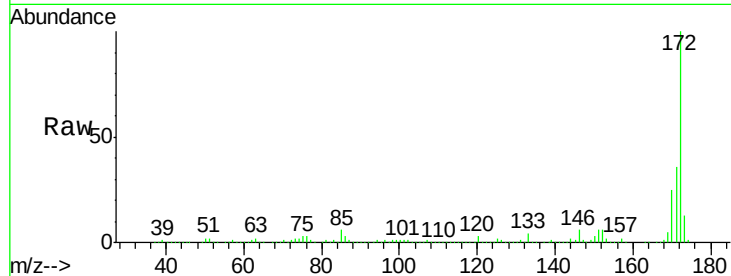




#44
2-Fluorobiphenyl
Concen: 91.30 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

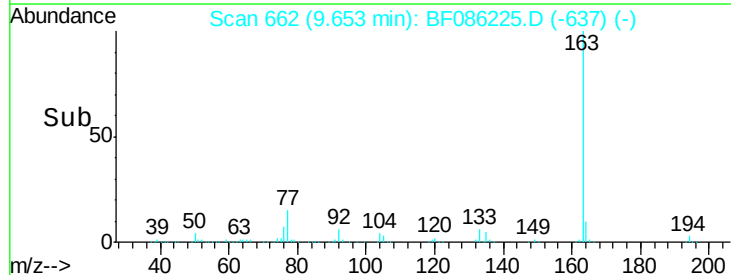
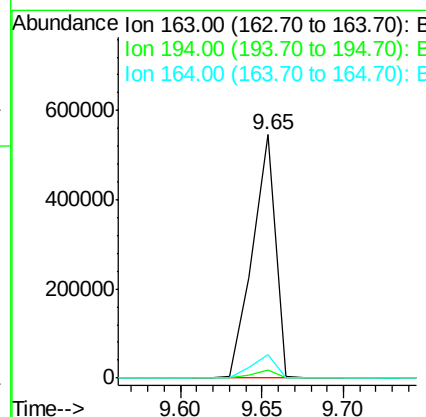
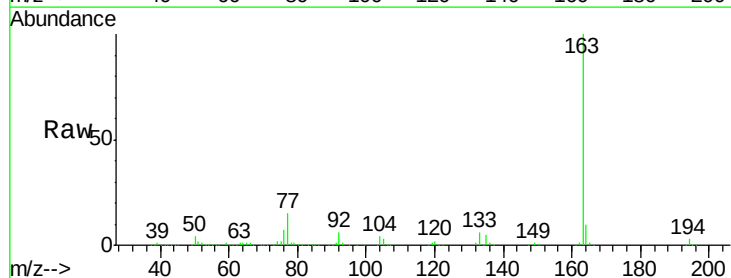
Instrument :
BNA_F
ClientSampleId :
WC-041316

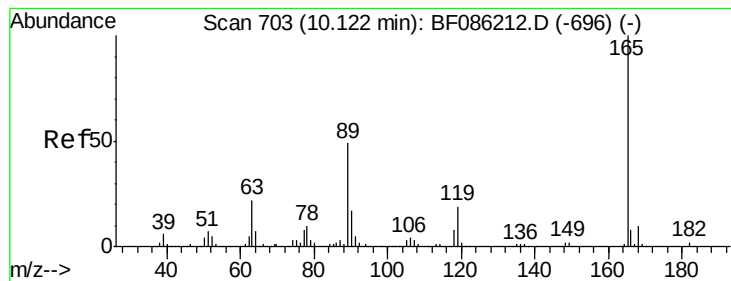
Tgt Ion:172 Resp: 2558747
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.5 19.9 29.9



#49
Dimethylphthalate
Concen: 14.22 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Tgt Ion:163 Resp: 534720
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.8 8.4 12.6





#56

2,4-Dinitrotoluene

Concen: 6.15 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

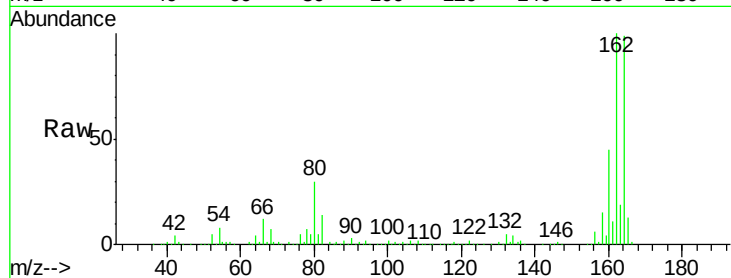
Instrument :

BNA_F

ClientSampleId :

WC-041316

Tgt Ion:	165	Resp:	65560
Ion Ratio	Lower	Upper	
165	100		
63	1.7	26.6	40.0#
89	1.5	49.5	74.3#
182	0.0	1.9	2.9#

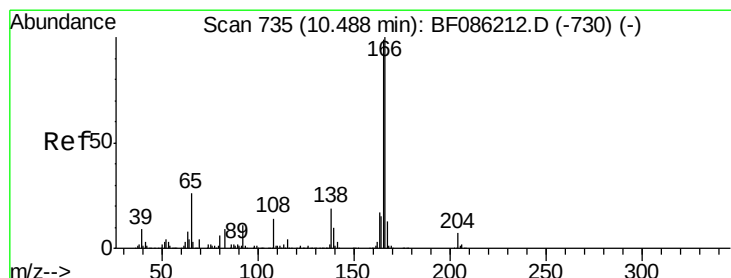
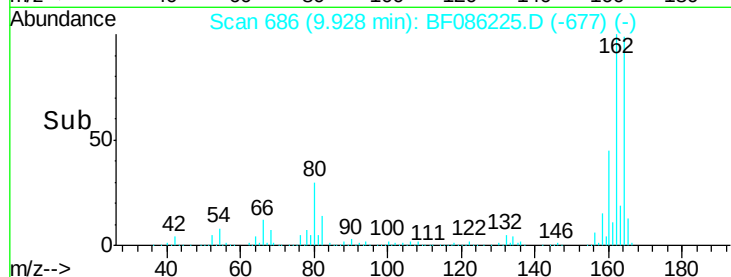
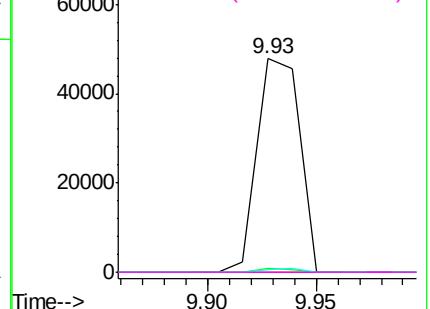


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: Below Cal

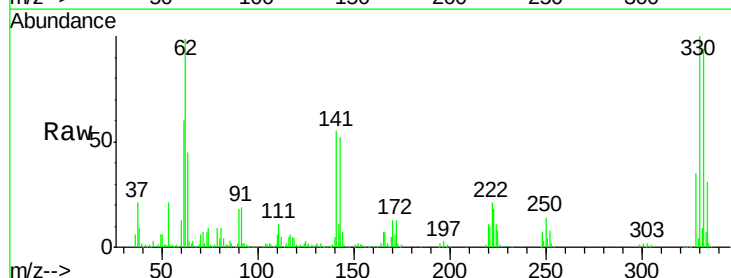
RT: 10.72 min Scan# 755

Delta R.T. 0.23 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

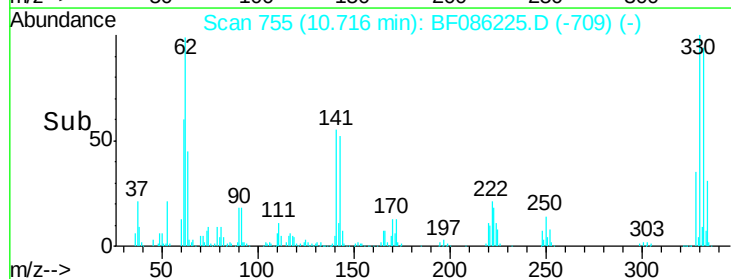
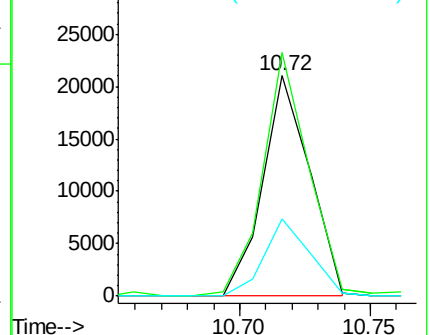
Tgt Ion:	166	Resp:	26368
Ion Ratio	Lower	Upper	
166	100		
165	110.5	78.6	117.8
167	35.3	10.4	15.6#

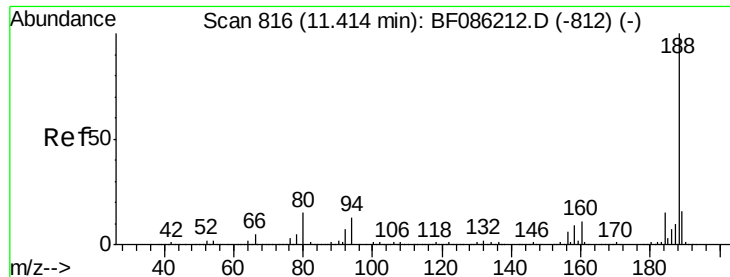


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

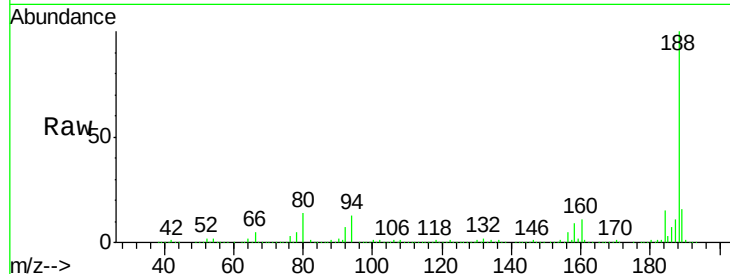




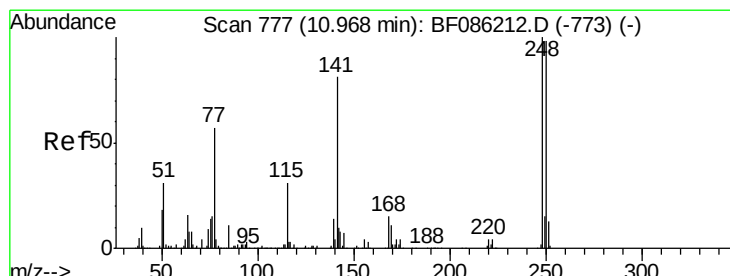
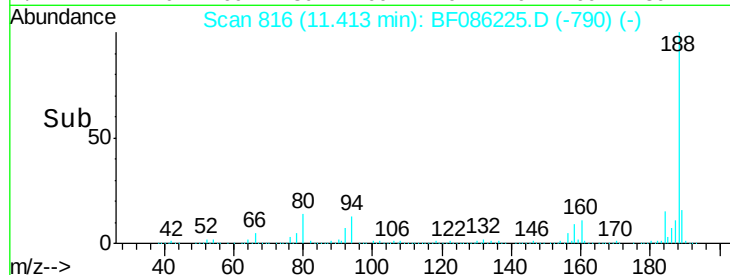
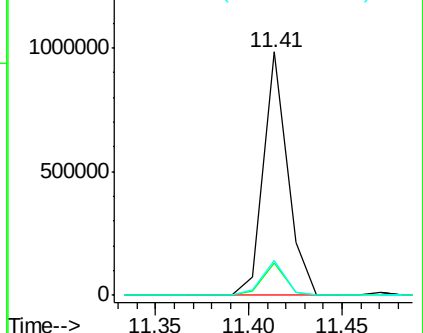
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Instrument :
BNA_F
ClientSampleId :
WC-041316

Tgt Ion:188 Resp: 875746
Ion Ratio Lower Upper
188 100
94 13.3 9.8 14.8
80 14.2 10.5 15.7

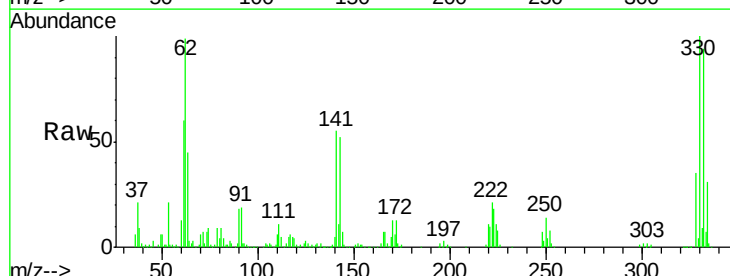


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

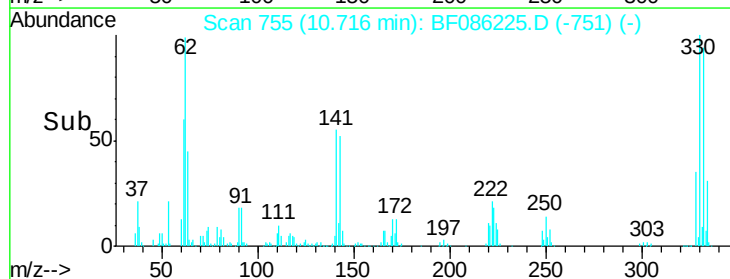
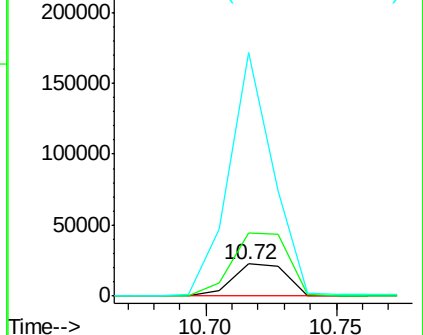


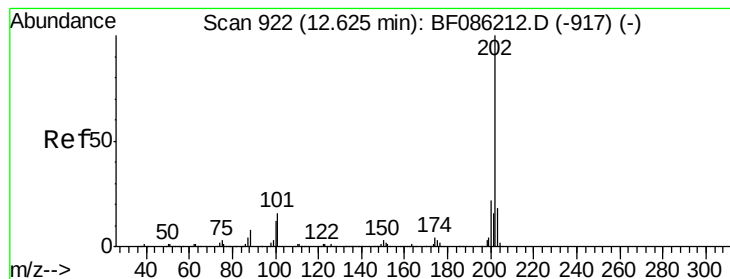
#66
4-Bromophenyl-phenylether
Concen: 4.04 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Tgt Ion:248 Resp: 32979
Ion Ratio Lower Upper
248 100
250 196.0 78.6 118.0#
141 756.3 57.9 86.9#



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





#74

Fluoranthene

Concen: Below Cal

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

Instrument :

BNA_F

ClientSampleId :

WC-041316

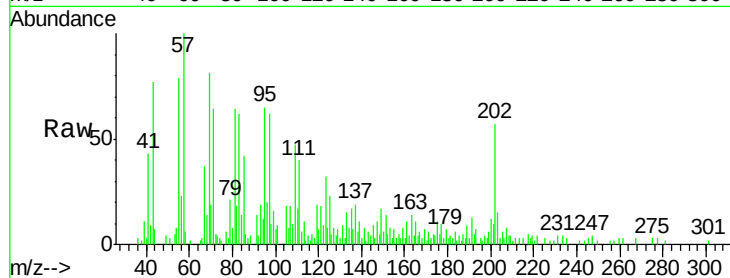
Tgt Ion:202 Resp: 11278

Ion Ratio Lower Upper

202 100

101 14.8 0.0 35.2

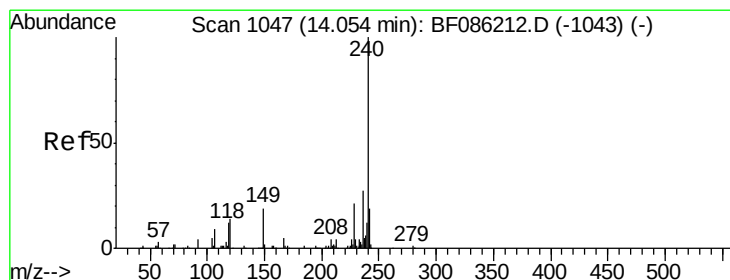
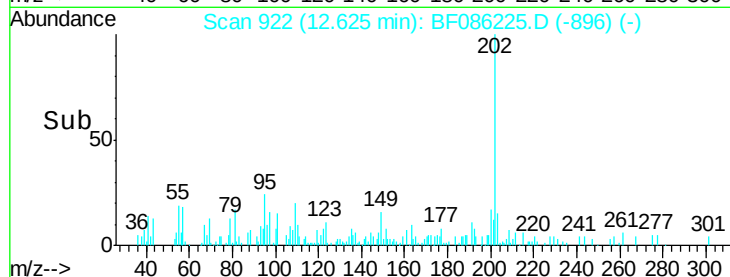
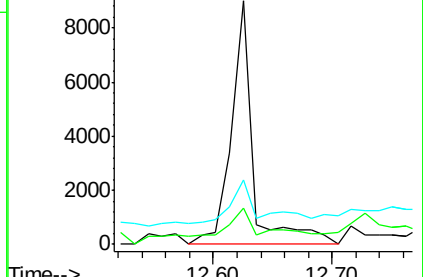
203 26.6 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

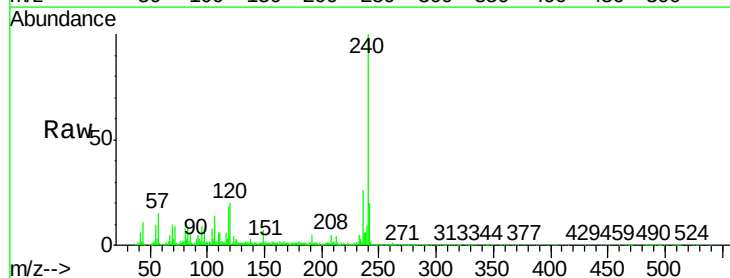
Tgt Ion:240 Resp: 598617

Ion Ratio Lower Upper

240 100

120 20.4 9.3 13.9#

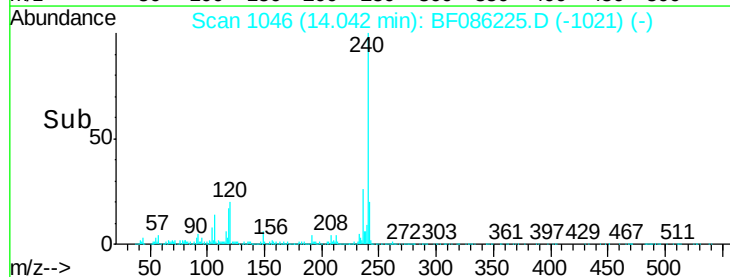
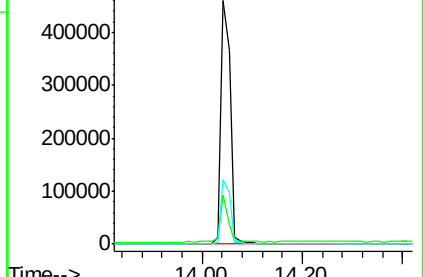
236 26.4 21.1 31.7

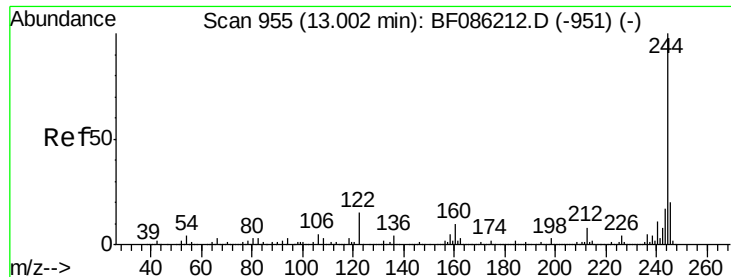


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.85 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

Instrument :

BNA_F

ClientSampleId :

WC-041316

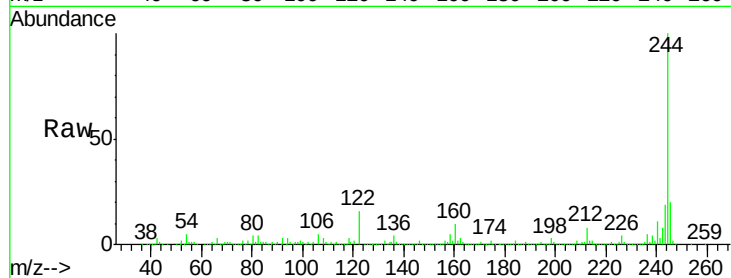
Tgt Ion:244 Resp: 1996091

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

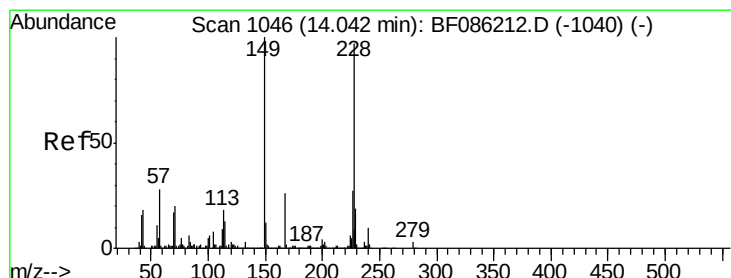
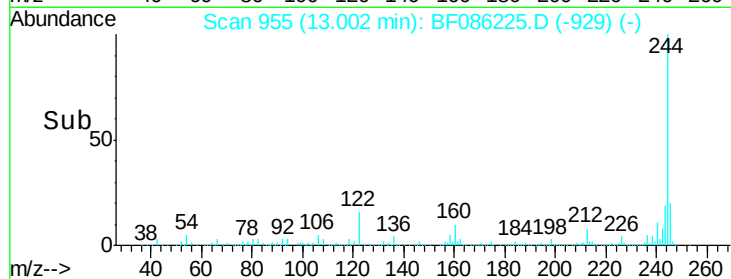
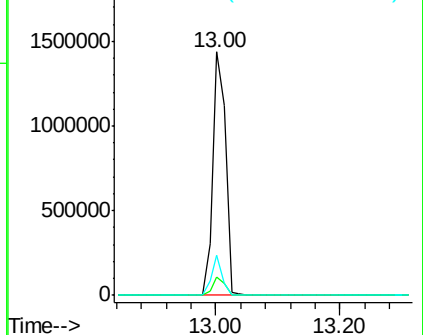
122 16.5 11.7 17.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.28 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF086225.D

Acq: 15 Apr 2016 19:19

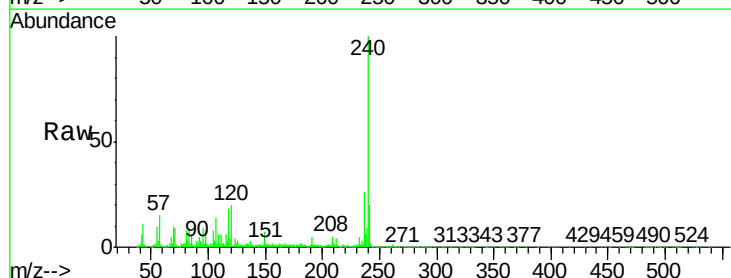
Tgt Ion:149 Resp: 52277

Ion Ratio Lower Upper

149 100

167 27.5 21.0 31.4

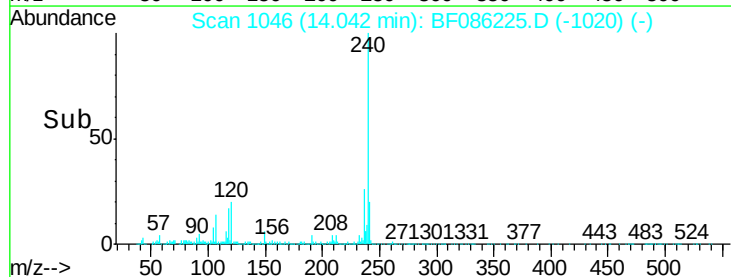
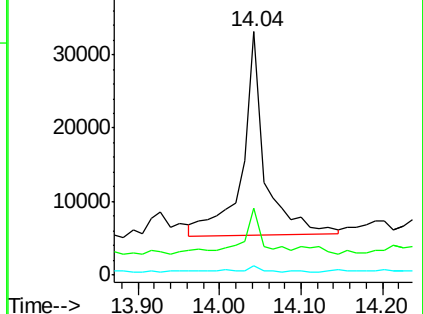
279 3.8 2.4 3.6#

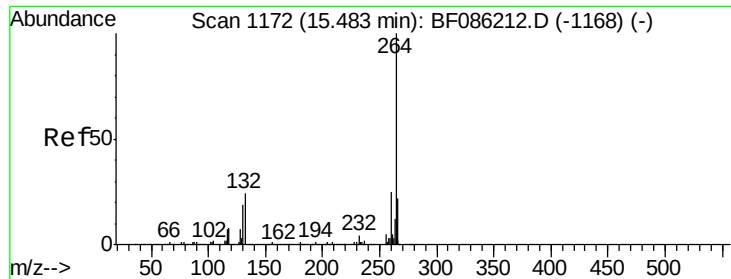


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

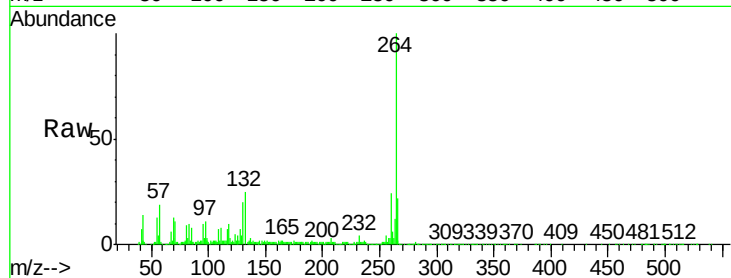




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF086225.D
Acq: 15 Apr 2016 19:19

Instrument :
BNA_F
ClientSampleId :
WC-041316

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.0	30.0
265	21.6	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

