

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086223.D
 Acq On : 15 Apr 2016 18:22
 Operator : UM/SJ
 Sample : H2531-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Quant Time: Apr 16 00:26:17 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

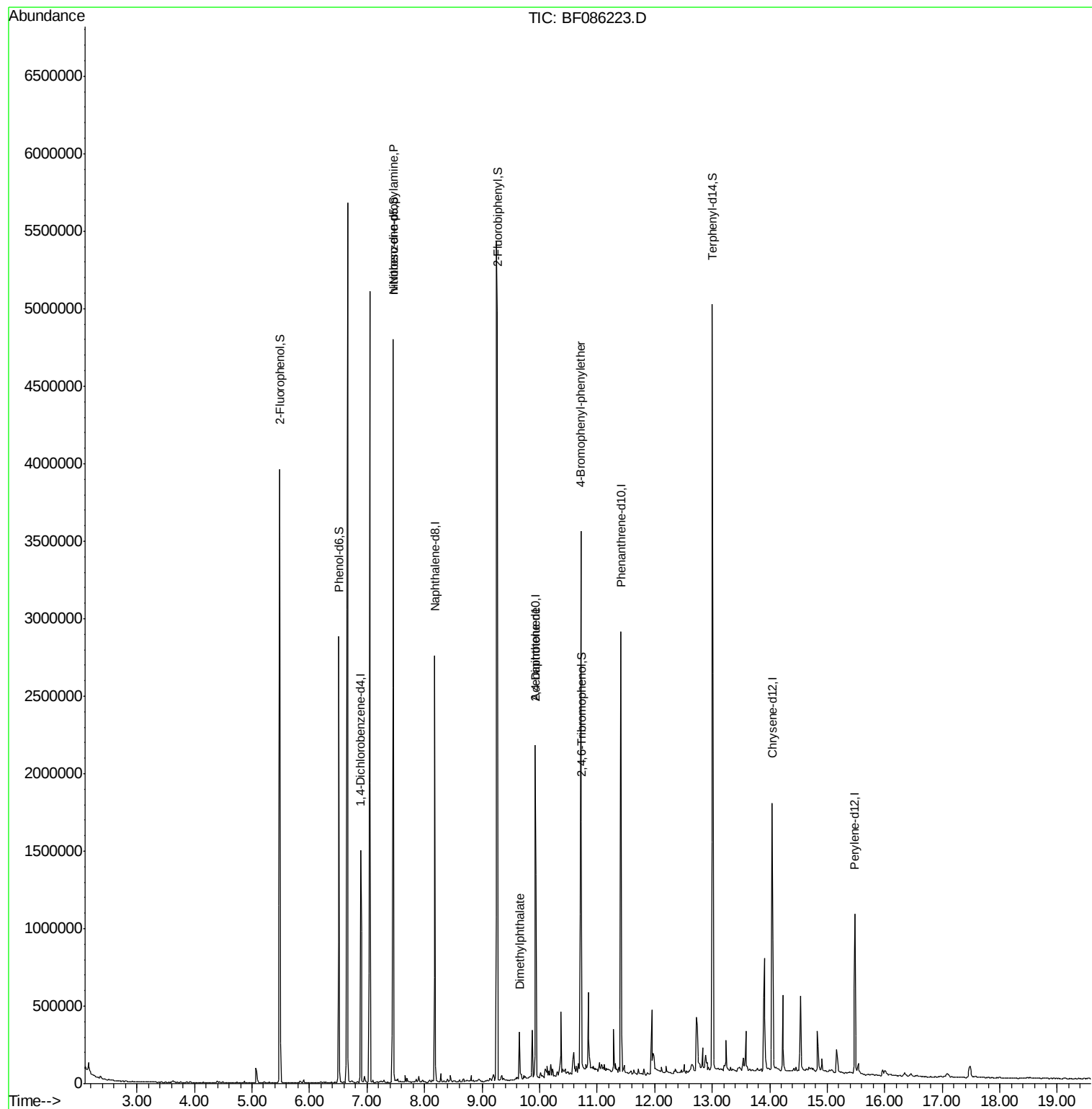
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	277605	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1184979	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	498335	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	909849	20.00	ng	0.00
75) Chrysene-d12	14.04	240	629913	20.00	ng	-0.01
86) Perylene-d12	15.48	264	463044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1057516	62.42	ng	0.00
7) Phenol-d6	6.51	99	981576	46.32	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1779501	86.62	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	517992	129.45	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2587933	95.83	ng	0.00
78) Terphenyl-d14	13.00	244	1966805	78.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	252793	18.64	ng	# 82
22) Acetophenone	7.30	105	1446	Below	Cal	# 64
49) Dimethylphthalate	9.65	163	182176	5.03	ng	97
56) 2,4-Dinitrotoluene	9.93	165	63990	6.23	ng	# 31
57) Fluorene	10.72	166	24380	Below	Cal	# 90
66) 4-Bromophenyl-phenylether	10.72	248	30926	3.65	ng	# 1
71) Anthracene	11.48	178	3959	Below	Cal	98
74) Fluoranthene	12.62	202	7793	Below	Cal	100

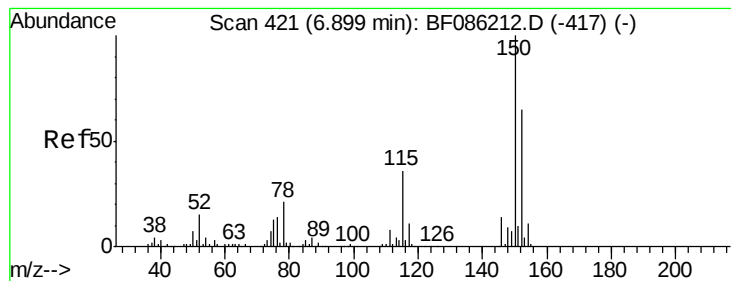
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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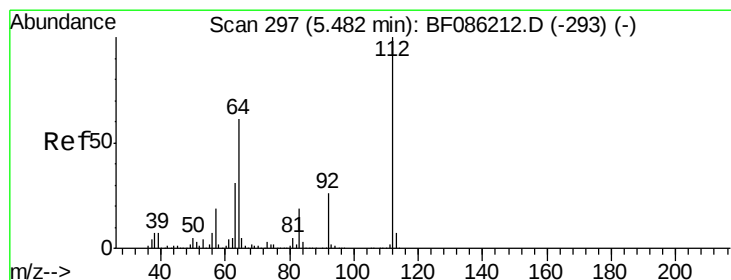
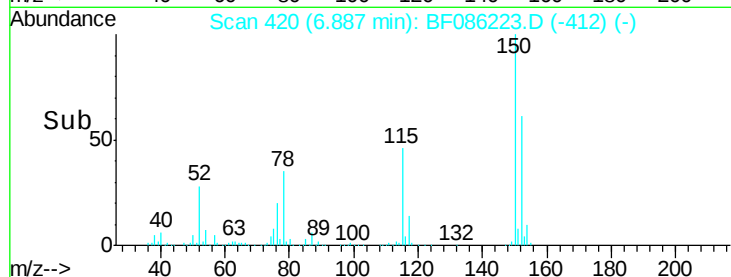
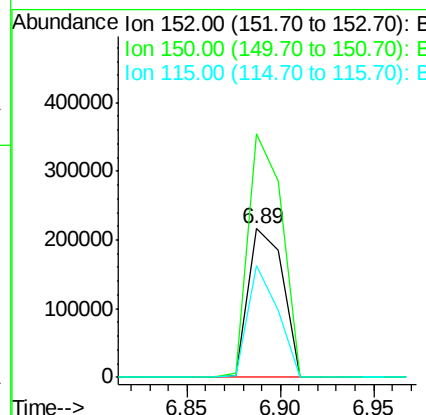
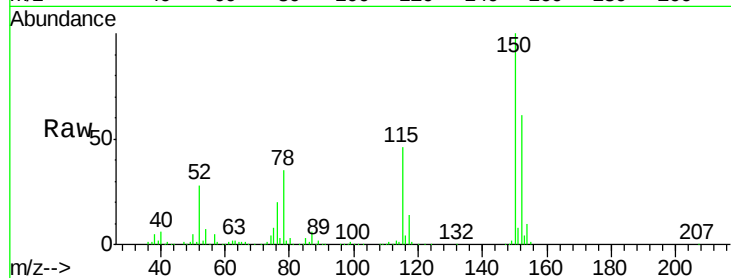




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BF086223.D
 Acq: 15 Apr 2016 18:22

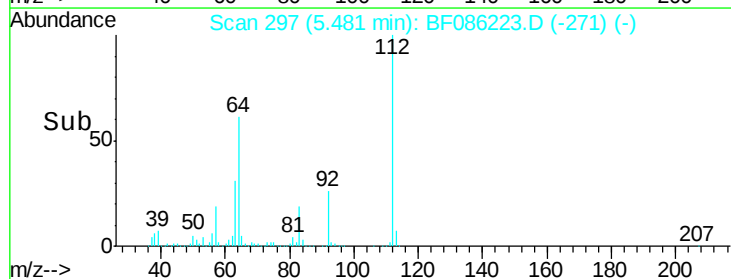
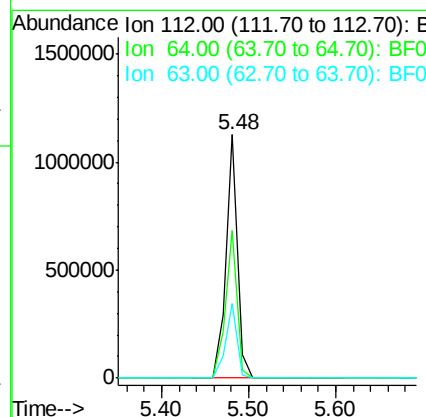
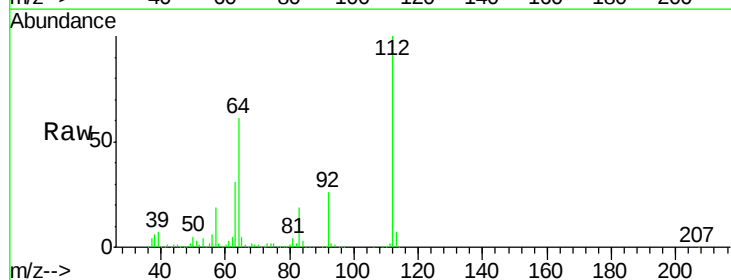
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

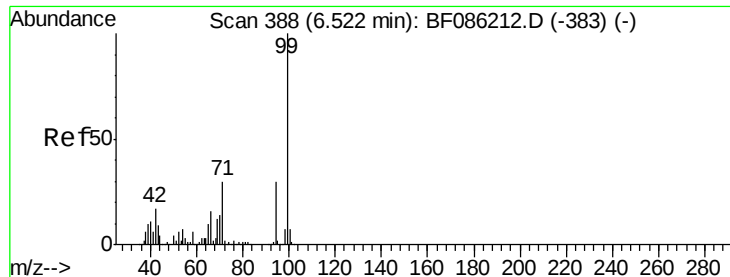
Tgt Ion:152 Resp: 277605
 Ion Ratio Lower Upper
 152 100
 150 163.6 124.1 186.1
 115 75.3 43.9 65.9#



#5
 2-Fluorophenol
 Concen: 62.42 ng
 RT: 5.48 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: BF086223.D
 Acq: 15 Apr 2016 18:22

Tgt Ion:112 Resp: 1057516
 Ion Ratio Lower Upper
 112 100
 64 60.5 48.1 72.1
 63 30.8 25.5 38.3





#7

Phenol-d6

Concen: 46.32 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086223.D

Acq: 15 Apr 2016 18:22

Instrument :

BNA_F

ClientSampled :

DSN001

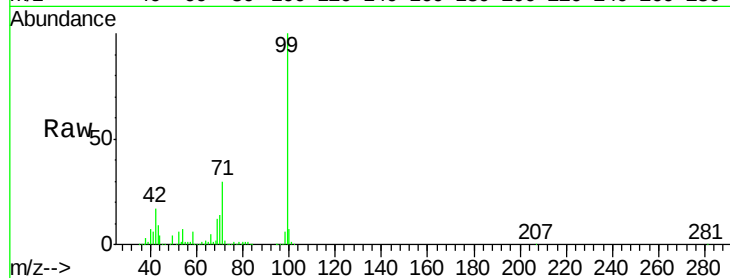
Tgt Ion: 99 Resp: 981576

Ion Ratio Lower Upper

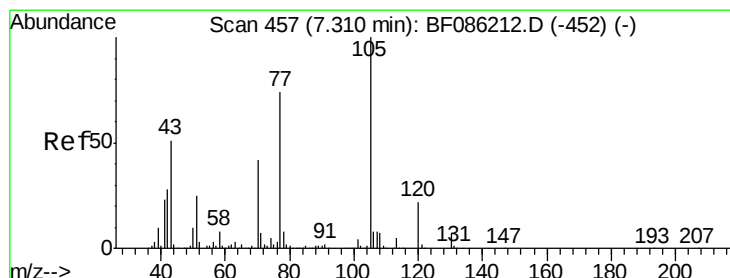
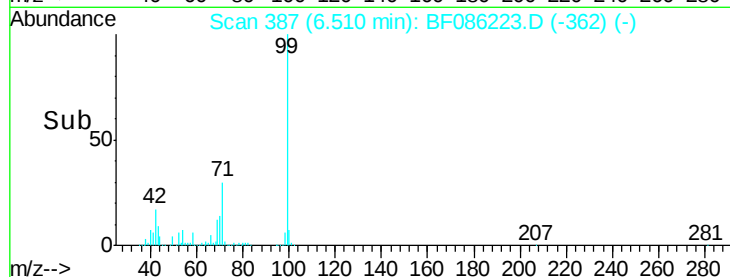
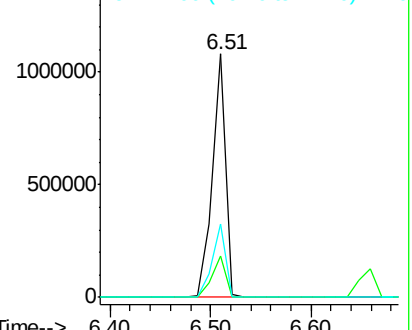
99 100

42 17.2 15.4 23.2

71 30.4 25.6 38.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.64 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086223.D

Acq: 15 Apr 2016 18:22

Tgt Ion: 70 Resp: 252793

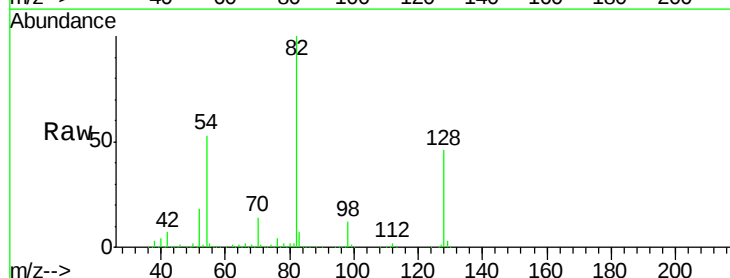
Ion Ratio Lower Upper

70 100

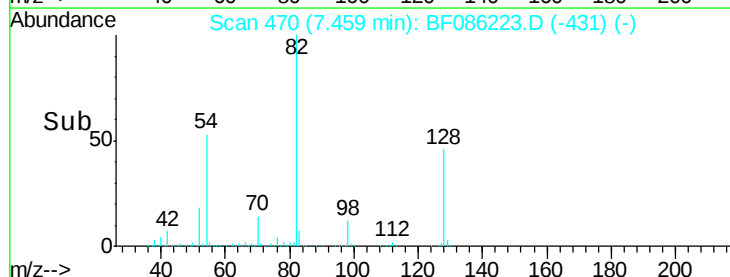
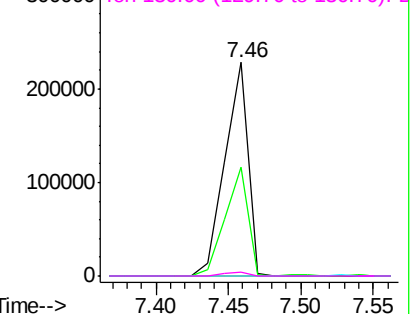
42 51.2 43.0 64.4

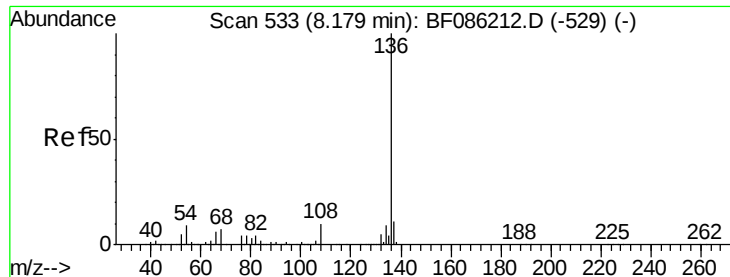
101 0.0 8.1 12.1#

130 2.1 20.1 30.1#



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): E
Ion 130.00 (129.70 to 130.70): E

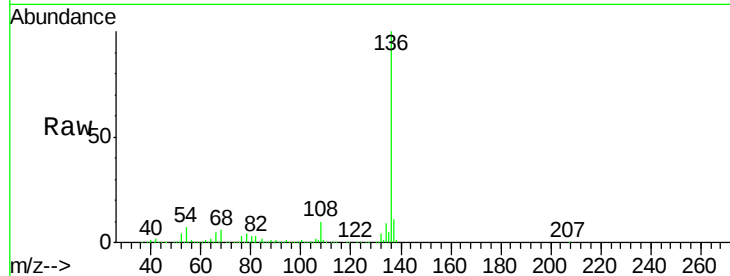




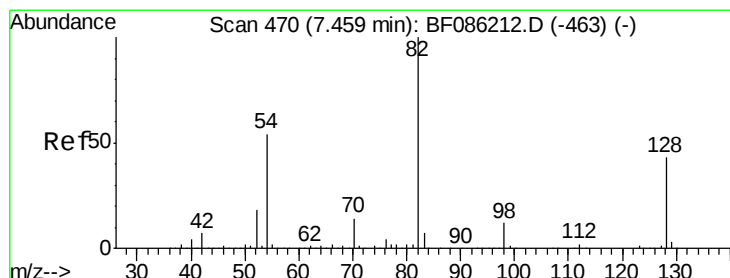
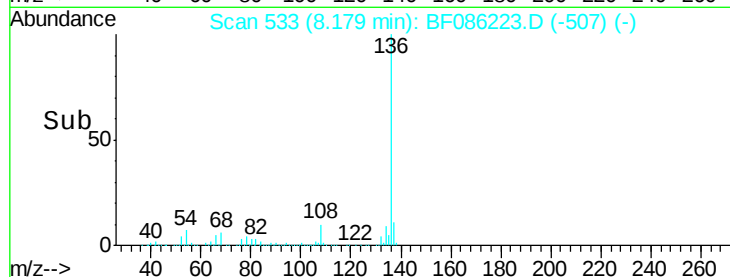
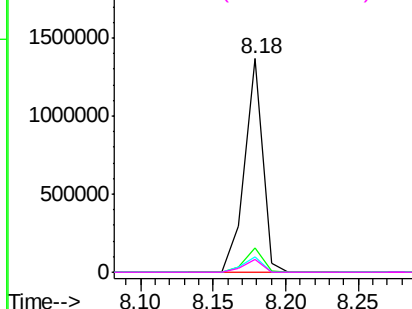
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086223.D
Acq: 15 Apr 2016 18:22

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:	136	Resp:	1184979
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.5	7.3	10.9
68	6.3	5.7	8.5

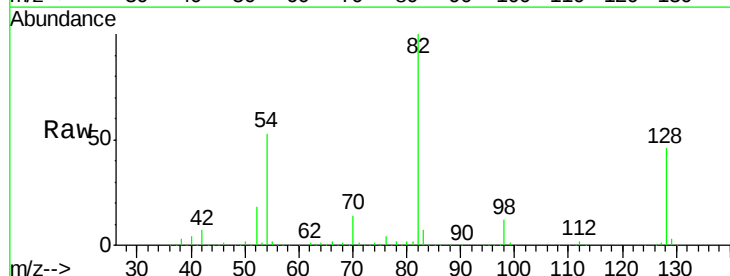


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

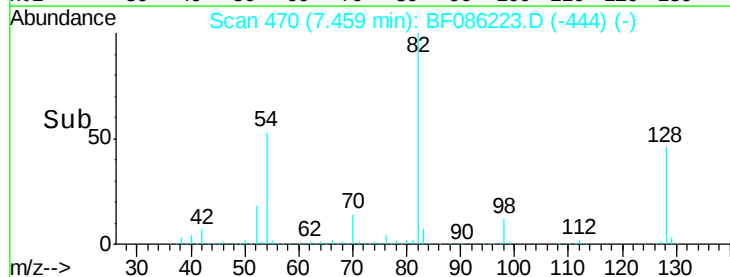
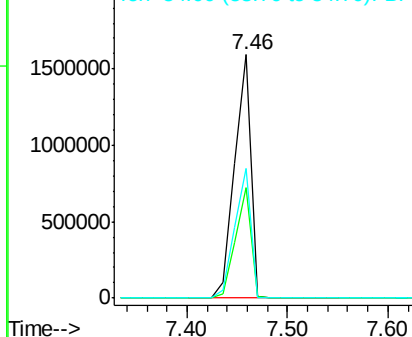


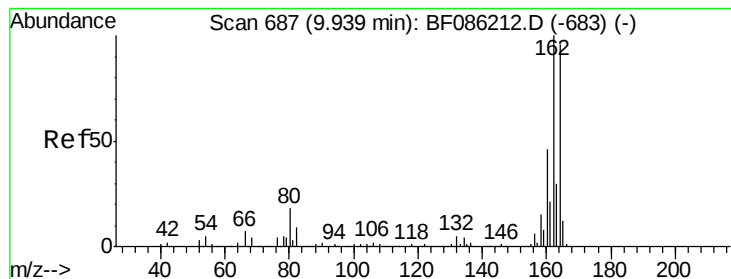
#23
Nitrobenzene-d5
Concen: 86.62 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF086223.D
Acq: 15 Apr 2016 18:22

Tgt Ion:	82	Resp:	1779501
Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.4	53.2
54	53.5	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: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086223.D

Acq: 15 Apr 2016 18:22

Instrument :

BNA_F

ClientSampleId :

DSN001

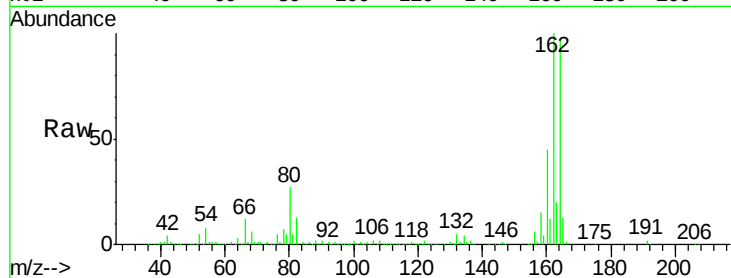
Tgt Ion:164 Resp: 498335

Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

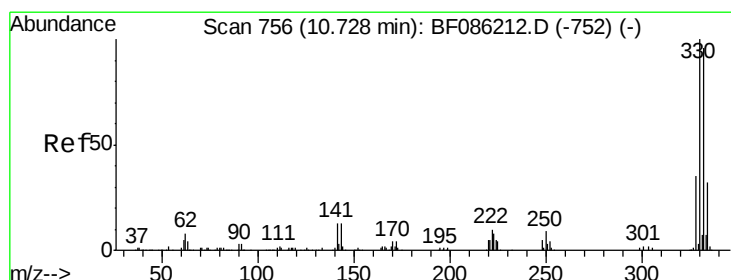
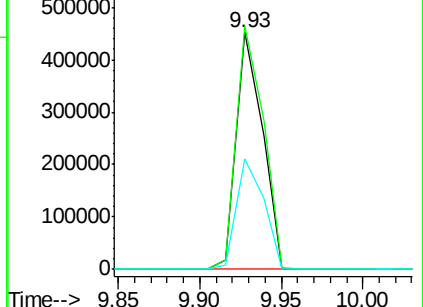
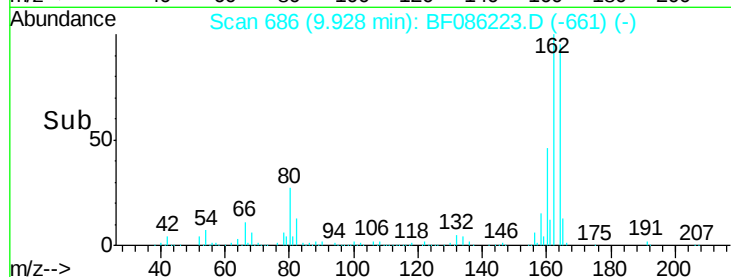
160 46.8 38.9 58.3



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: 129.45 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF086223.D

Acq: 15 Apr 2016 18:22

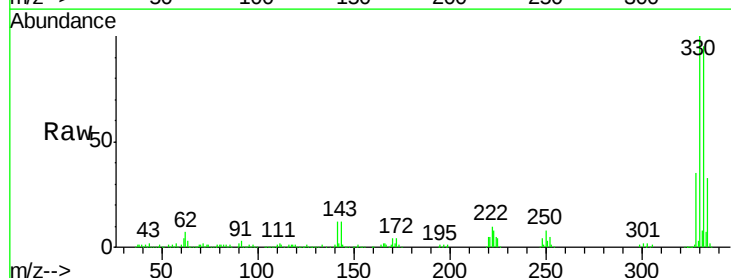
Tgt Ion:330 Resp: 517992

Ion Ratio Lower Upper

330 100

332 94.8 78.7 118.1

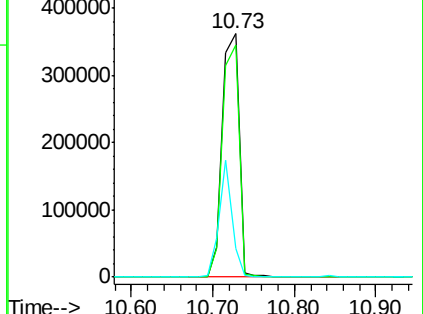
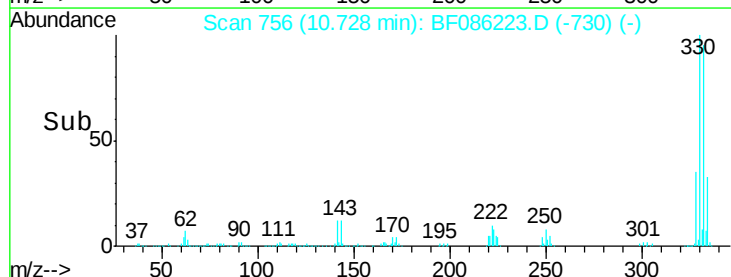
141 37.4 28.6 42.8

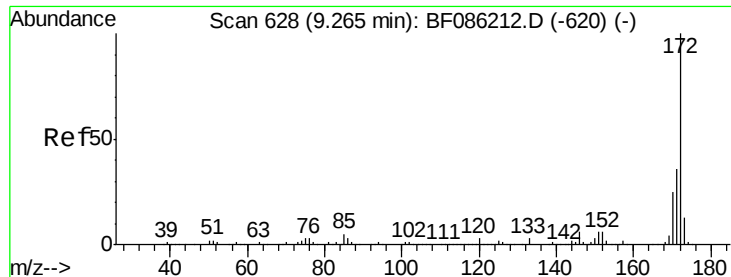


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

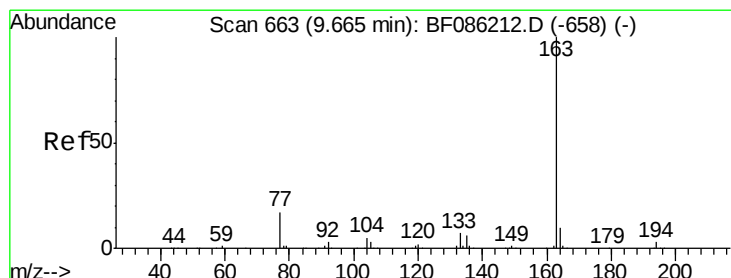
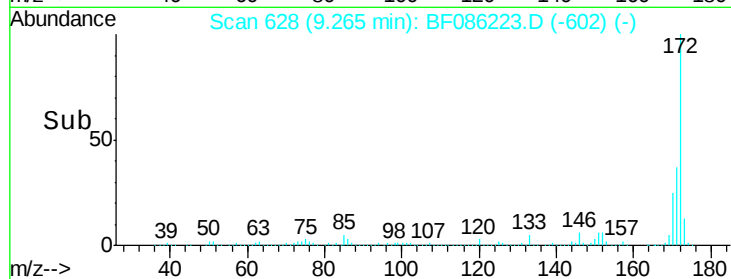
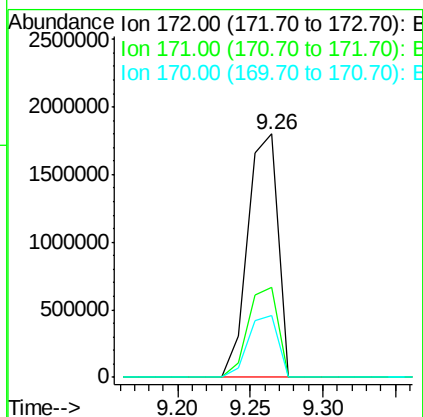
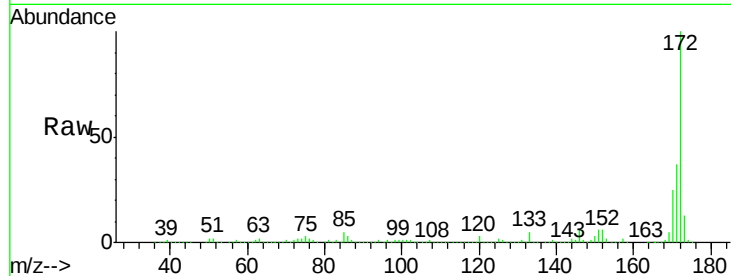




#44
 2-Fluorobiphenyl
 Concen: 95.83 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086223.D
 Acq: 15 Apr 2016 18:22

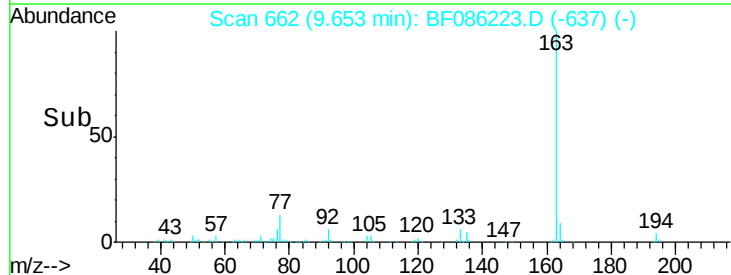
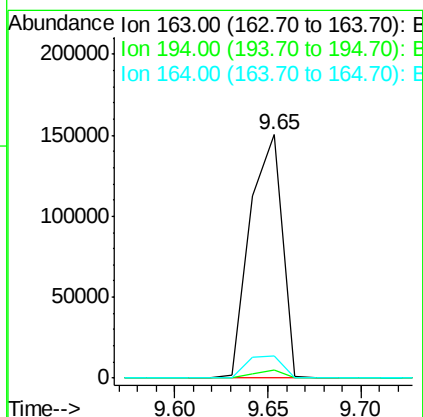
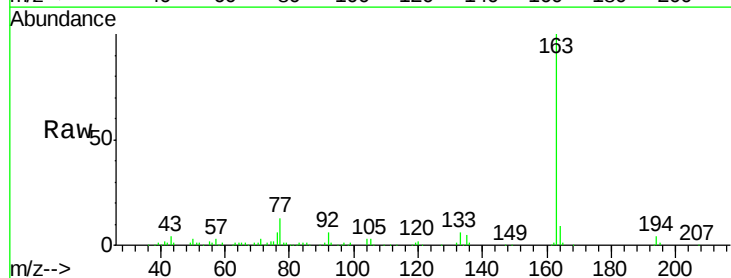
Instrument :
 BNA_F
 ClientSampleId :
 DSN001

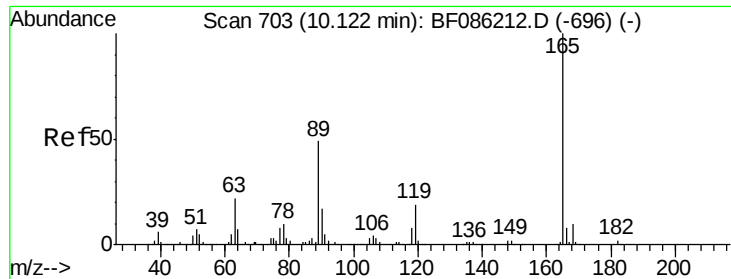
Tgt Ion:172 Resp: 2587933
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.1 43.7
 170 25.2 19.9 29.9



#49
 Dimethylphthalate
 Concen: 5.03 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF086223.D
 Acq: 15 Apr 2016 18:22

Tgt Ion:163 Resp: 182176
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 9.0 8.4 12.6

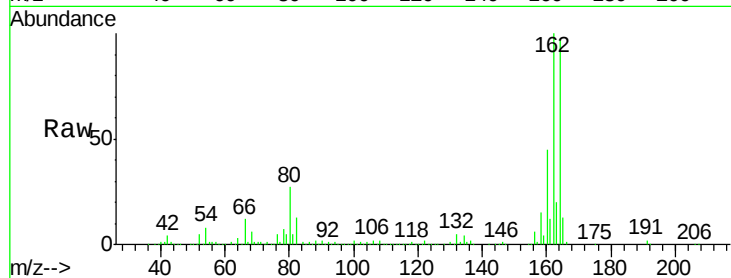




#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.19 min
 Lab File: BF086223.D
 Acq: 15 Apr 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:	165	Resp:	63990
Ion	Ratio	Lower	Upper
165	100		
63	1.2	26.6	40.0#
89	1.3	49.5	74.3#
182	0.0	1.9	2.9#

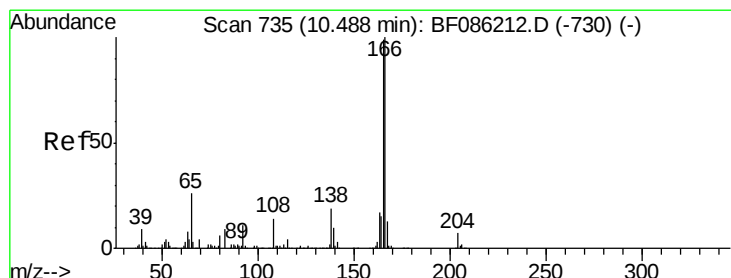
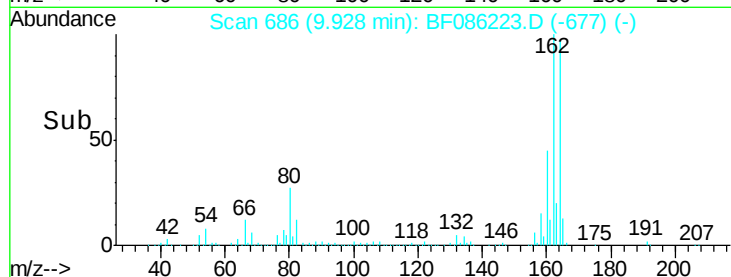
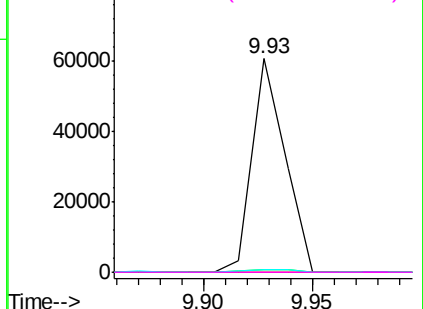


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

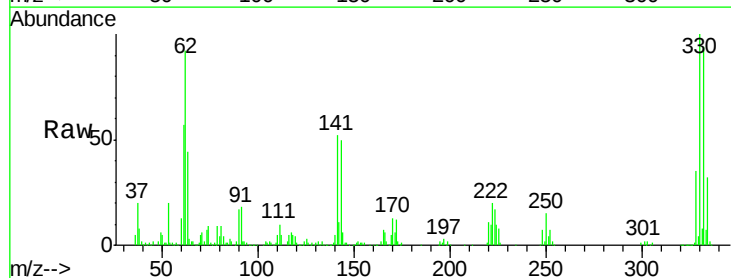
Ion 89.00 (88.70 to 89.70): BF0

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: BF086223.D
 Acq: 15 Apr 2016 18:22

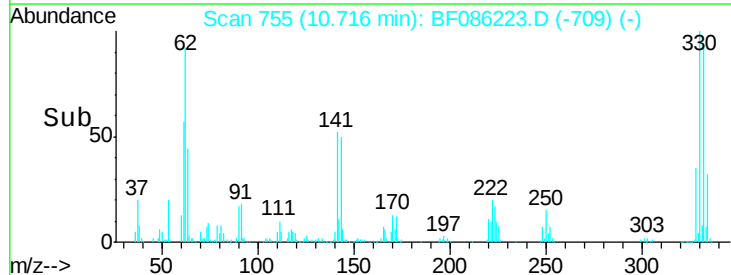
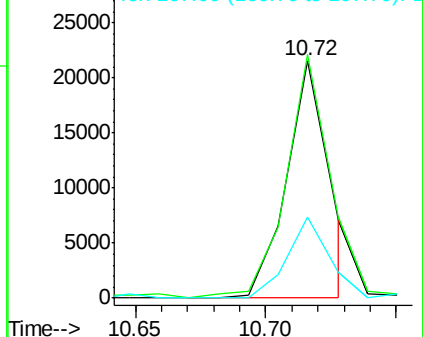
Tgt Ion:	166	Resp:	24380
Ion	Ratio	Lower	Upper
166	100		
165	102.5	78.6	117.8
167	34.4	10.4	15.6#

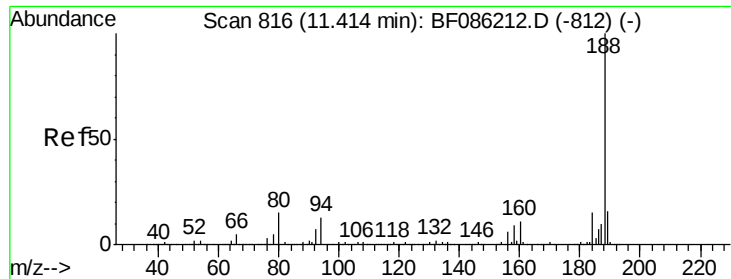


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

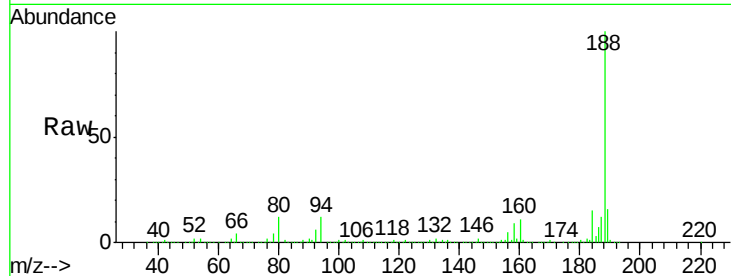




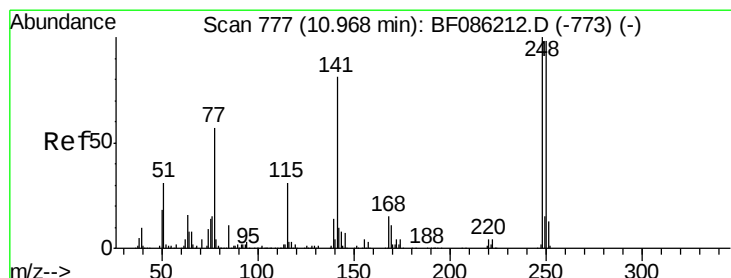
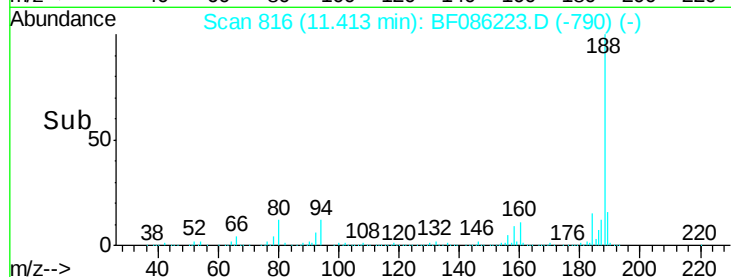
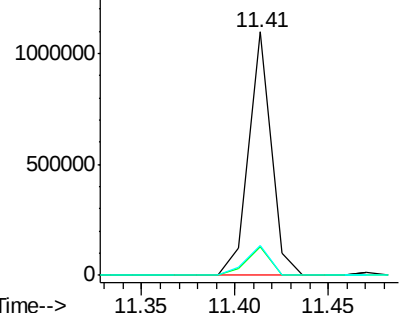
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086223.D
Acq: 15 Apr 2016 18:22

Instrument :
BNA_F
ClientSampleId :
DSN001

Tgt Ion:188 Resp: 909849
Ion Ratio Lower Upper
188 100
94 11.6 9.8 14.8
80 12.3 10.5 15.7

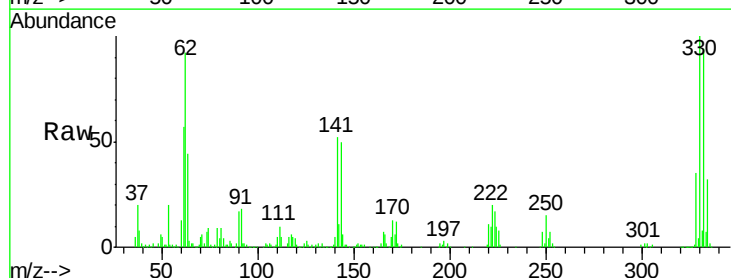


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

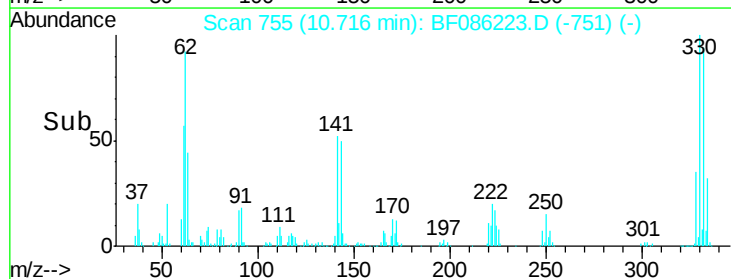
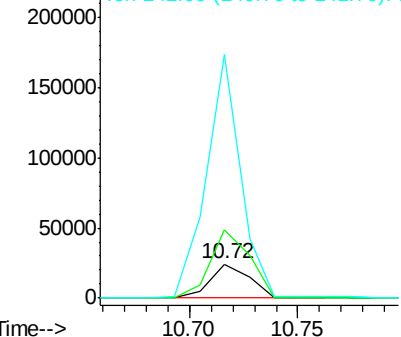


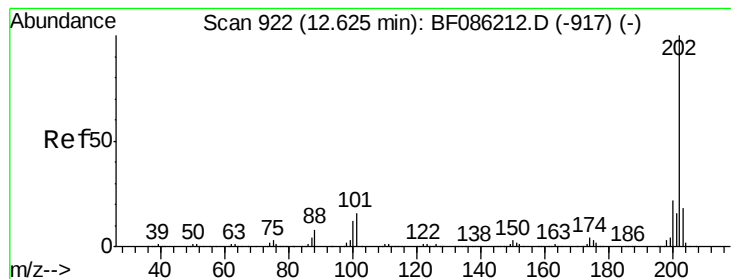
#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.25 min
Lab File: BF086223.D
Acq: 15 Apr 2016 18:22

Tgt Ion:248 Resp: 30926
Ion Ratio Lower Upper
248 100
250 200.2 78.6 118.0#
141 717.0 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: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086223.D

Acq: 15 Apr 2016 18:22

Instrument :

BNA_F

ClientSampleId :

DSN001

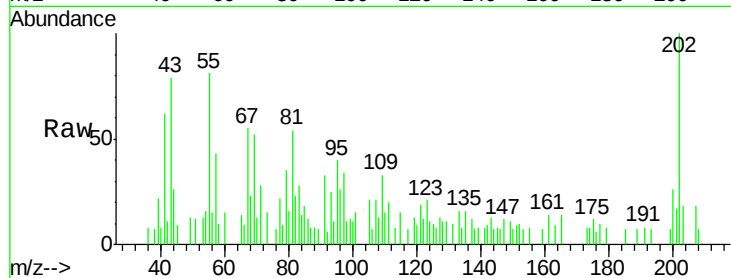
Tgt Ion:202 Resp: 7793

Ion Ratio Lower Upper

202 100

101 15.1 0.0 35.2

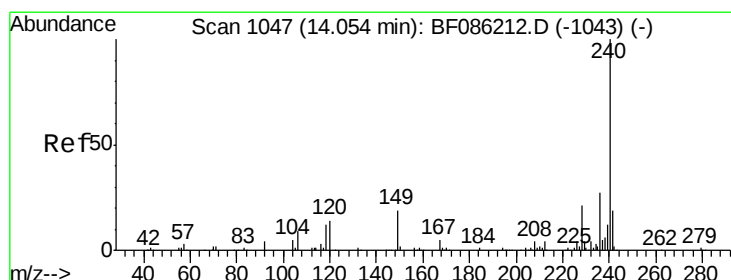
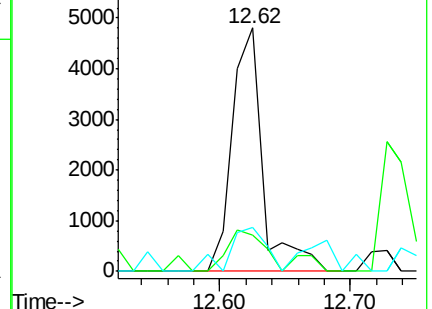
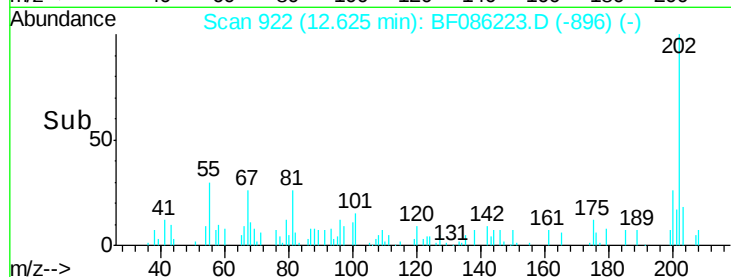
203 18.2 0.0 38.2



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: BF086223.D

Acq: 15 Apr 2016 18:22

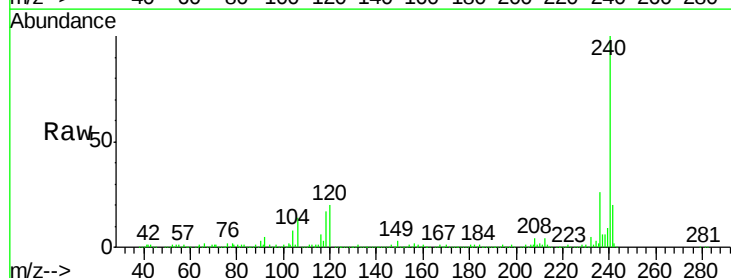
Tgt Ion:240 Resp: 629913

Ion Ratio Lower Upper

240 100

120 19.9 9.3 13.9#

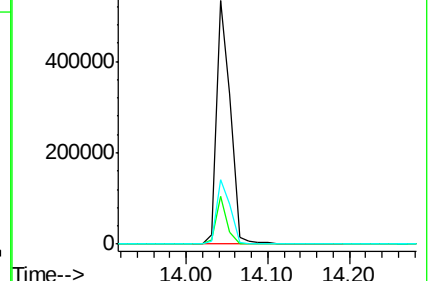
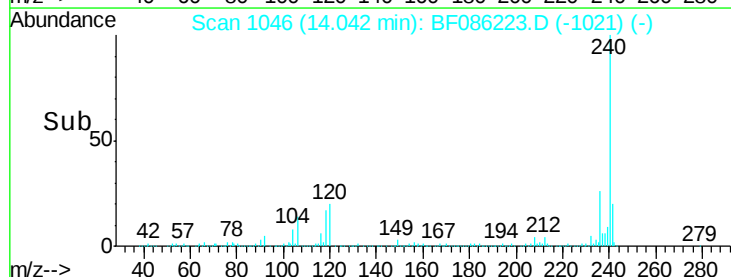
236 26.5 21.1 31.7

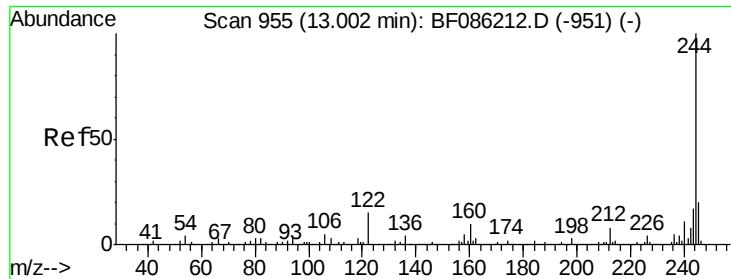


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

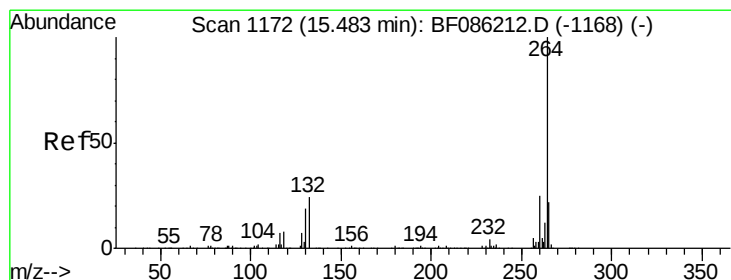
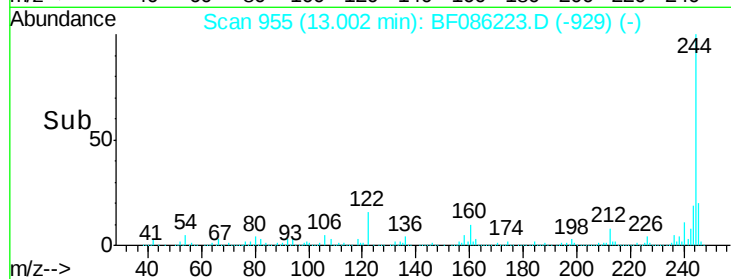
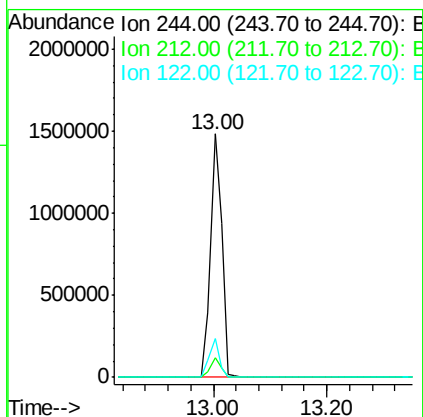
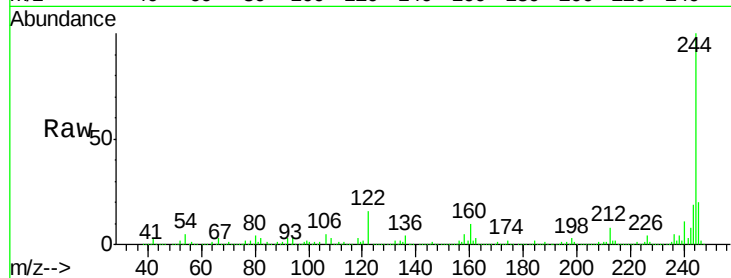




#78
 Terphenyl-d14
 Concen: 78.51 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086223.D
 Acq: 15 Apr 2016 18:22

Instrument :
 BNA_F
 ClientSampleId :
 DSN001

Tgt Ion:244 Resp: 1966805
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 16.2 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086223.D
 Acq: 15 Apr 2016 18:22

Tgt Ion:264 Resp: 463044
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 21.5 17.4 26.0

