

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096826.D
 Acq On : 17 Jul 2017 18:23
 Operator : SJ/JU
 Sample : I4203-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

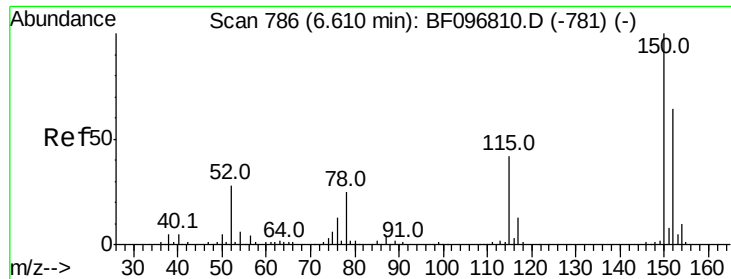
Instrument :
 BNA_F
 ClientSampleId :
 NB-SB02A

Quant Time: Jul 18 02:11:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	92489	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	374838	20.00	ng	-0.03
38) Acenaphthene-d10	9.63	164	145756	20.00	ng	-0.04
63) Phenanthrene-d10	11.11	188	199890	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	205295	20.00	ng	-0.04
86) Perylene-d12	15.11	264	199841	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	604804	98.32	ng	-0.02
7) Phenol-d6	6.26	99	731221	99.06	ng	-0.02
23) Nitrobenzene-d5	7.17	82	427147	70.58	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	110108	88.50	ng	-0.04
44) 2-Fluorobiphenyl	8.97	172	723923	78.47	ng	-0.03
78) Terphenyl-d14	12.69	244	486793	41.12	ng	-0.04
Target Compounds						
10) Phenol	6.27	94	30511	3.656	ng	91
19) n-Nitroso-di-n-propylamine	7.17	70	57606	12.954	ng	# 87
25) Isophorone	7.17	82	425317	37.781	ng	# 67
49) Dimethylphthalate	9.36	163	98336	8.960	ng	97
56) 2,4-Dinitrotoluene	9.63	165	18328	6.000	ng	# 32
66) 4-Bromophenyl-phenylether	10.42	248	7317	3.585	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.39	276	4023	3.660	ng	# 85

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

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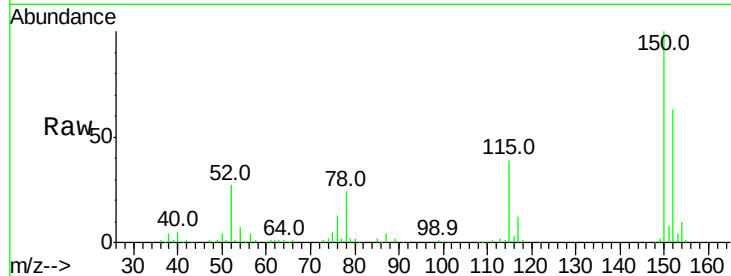


#1

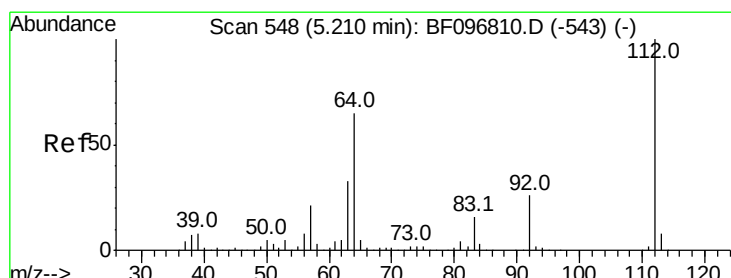
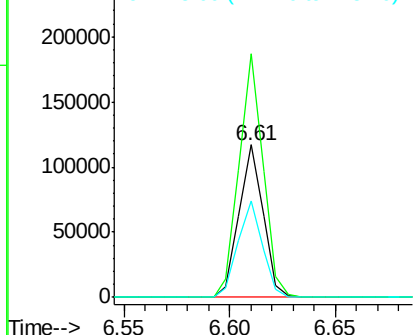
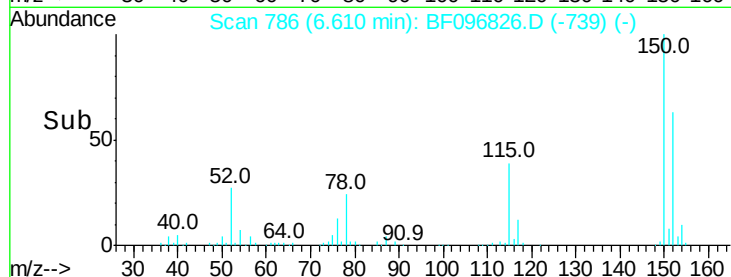
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF096826.D
Acq: 17 Jul 2017 18:23

Instrument :
BNA_F
ClientSampleId :
NB-SB02A

Tot Ion:152 Resp: 92489
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 63.0 52.2 78.2



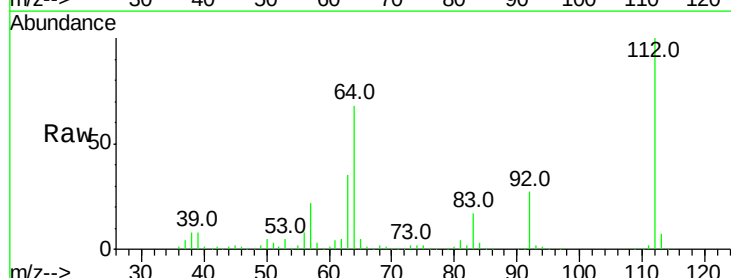
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



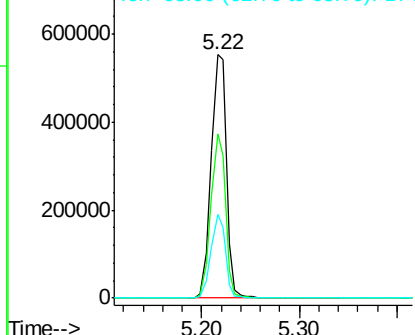
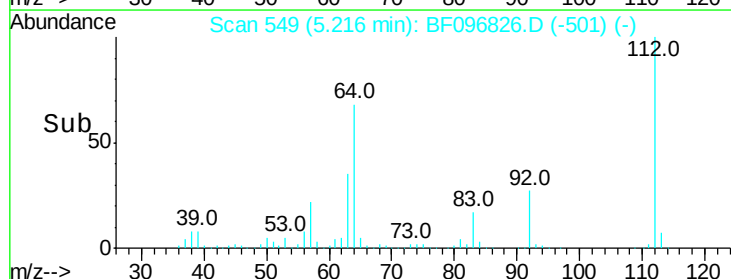
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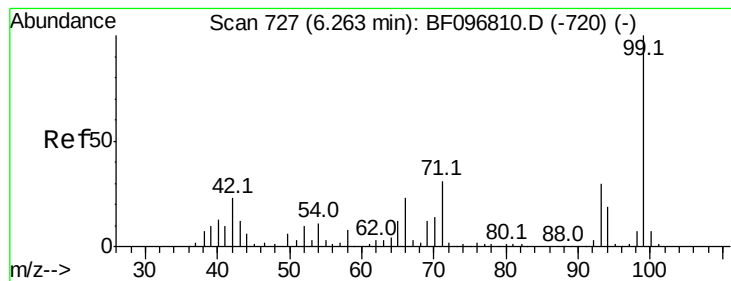
2-Fluorophenol
Concen: 98.322 ng
RT: 5.22 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF096826.D
Acq: 17 Jul 2017 18:23

Tgt Ion:112 Resp: 604804
Ion Ratio Lower Upper
112 100
64 67.6 46.0 69.0
63 34.5 23.4 35.0



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: 99.059 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF096826.D

Acq: 17 Jul 2017 18:23

Instrument :

BNA_F

ClientSampleId :

NB-SB02A

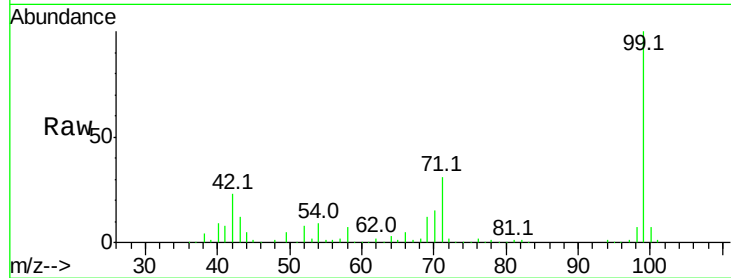
Tot Ion: 99 Resp: 731221

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

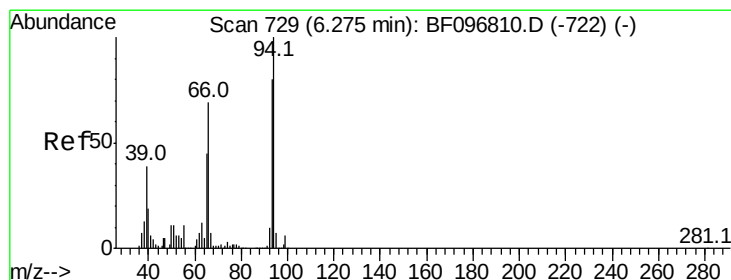
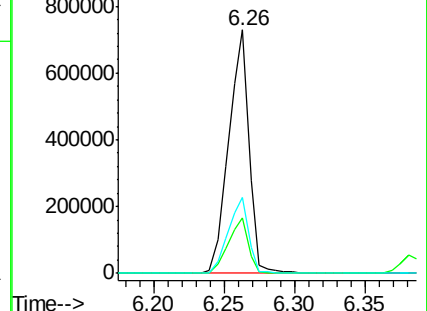
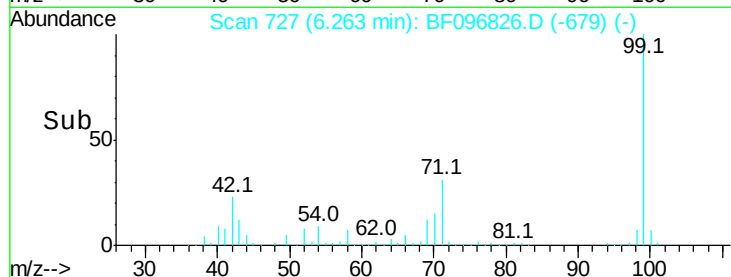
71 31.3 24.5 36.7



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



#10

Phenol

Concen: 3.656 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF096826.D

Acq: 17 Jul 2017 18:23

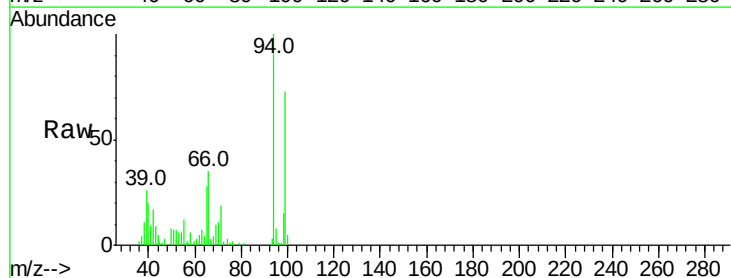
Tgt Ion: 94 Resp: 30511

Ion Ratio Lower Upper

94 100

65 27.6 9.9 49.9

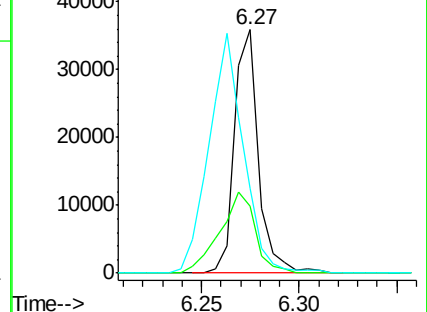
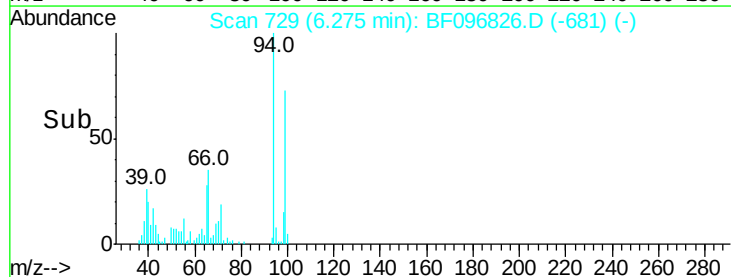
66 35.1 23.1 63.1

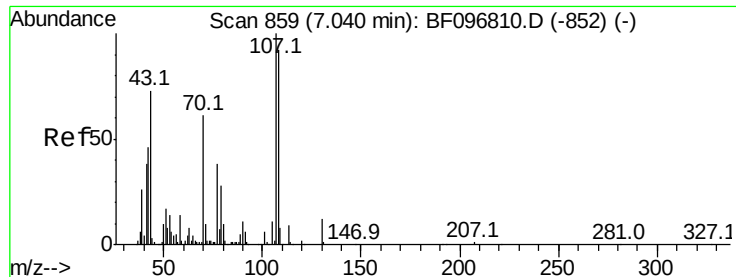


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

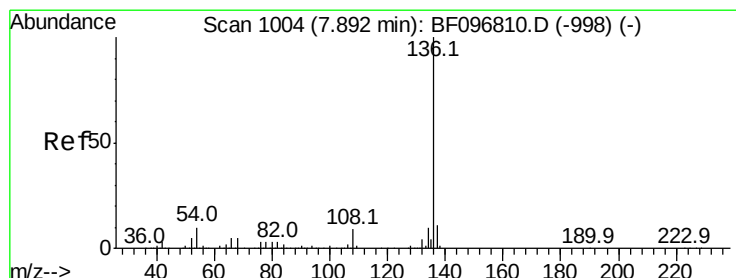
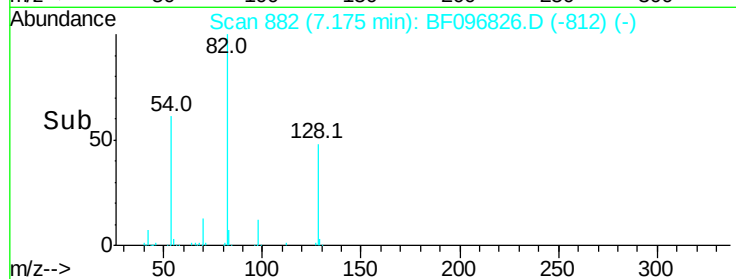
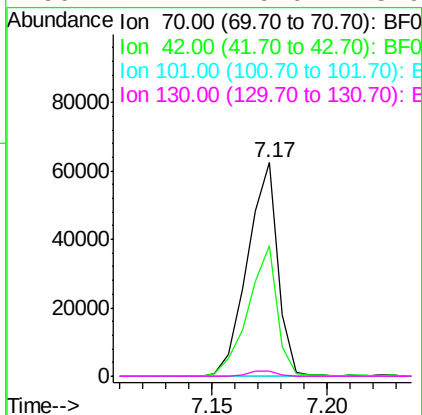
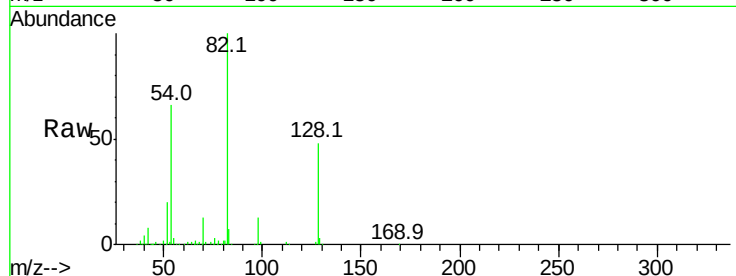




#19
n-Nitroso-di-n-propylamine
Concen: 12.954 ng
RT: 7.17 min Scan# 882
Delta R.T. 0.11 min
Lab File: BF096826.D
Acq: 17 Jul 2017 18:23

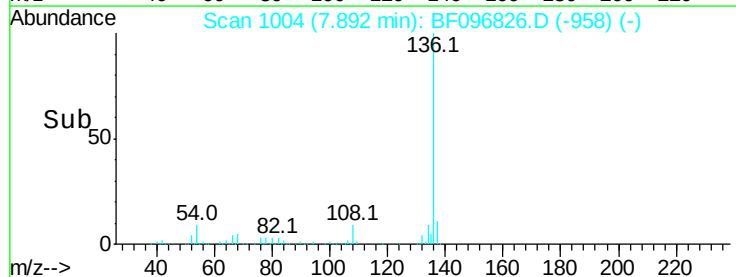
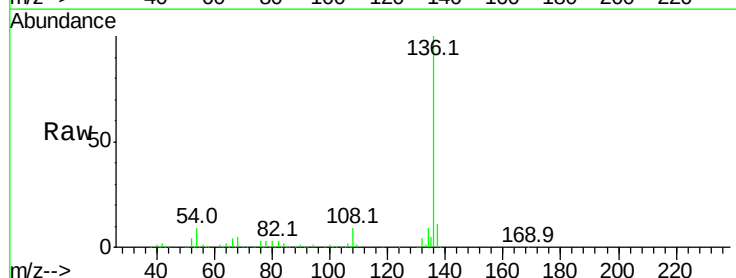
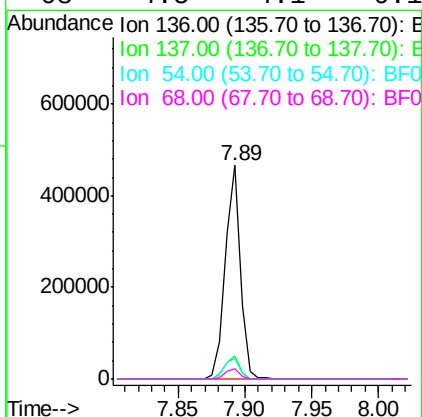
Instrument :
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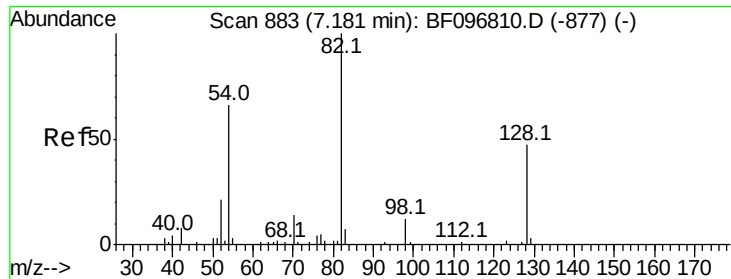
Tot Ion: 70 Resp: 57606
Ion Ratio Lower Upper
70 100
42 61.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF096826.D
Acq: 17 Jul 2017 18:23

Tgt Ion: 136 Resp: 374838
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.4 4.9 7.3#
68 4.5 4.1 6.1

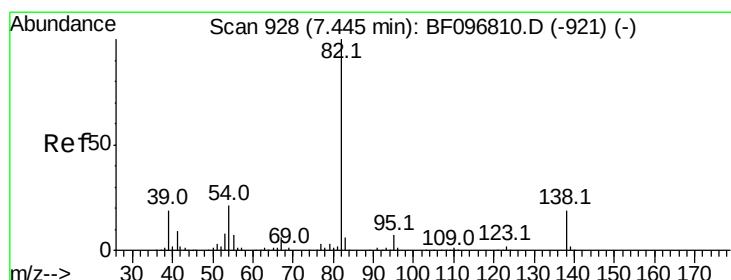
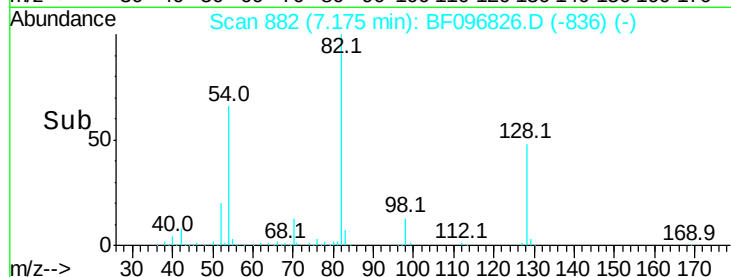
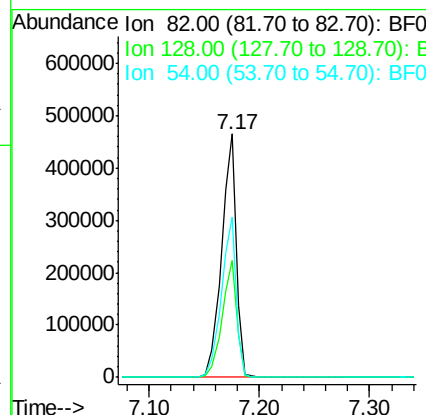
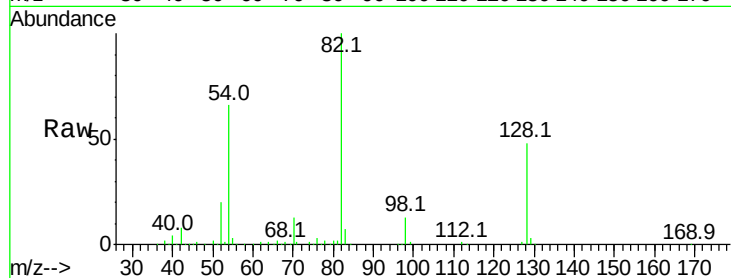




#23
Nitrobenzene-d5
Concen: 70.585 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF096826.D
Acq: 17 Jul 2017 18:23

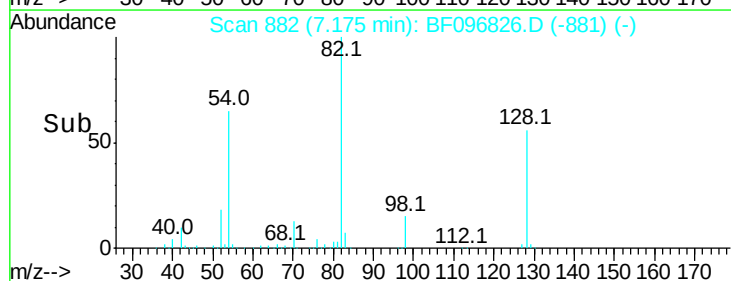
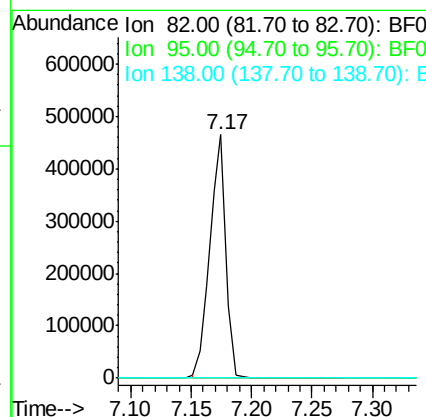
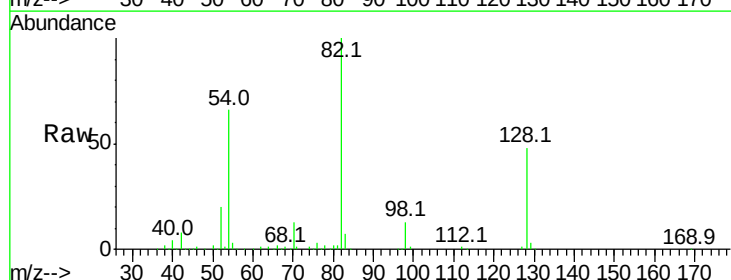
Instrument :
BNA_F
ClientSampleId :
NB-SB02A

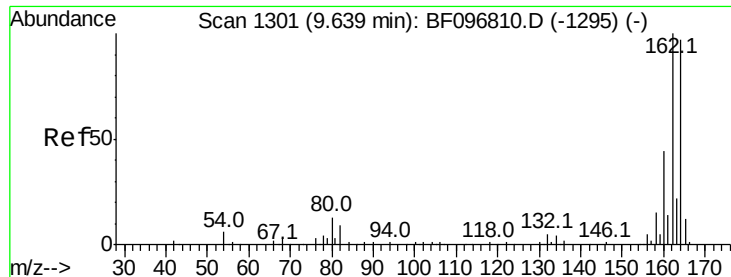
Tot Ion: 82 Resp: 427147
Ion Ratio Lower Upper
82 100
128 48.1 34.0 51.0
54 66.0 42.2 63.2#



#25
Isophorone
Concen: 37.781 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.29 min
Lab File: BF096826.D
Acq: 17 Jul 2017 18:23

Tgt Ion: 82 Resp: 425317
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

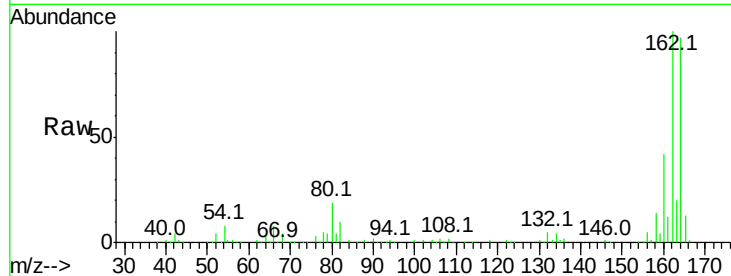




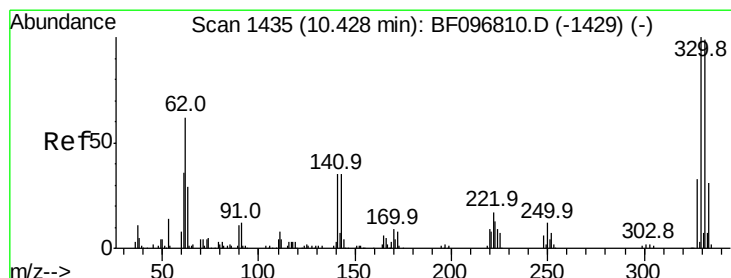
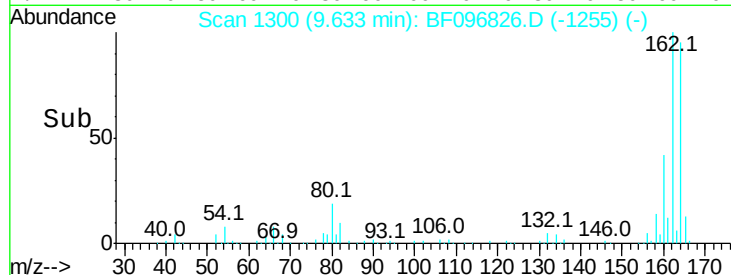
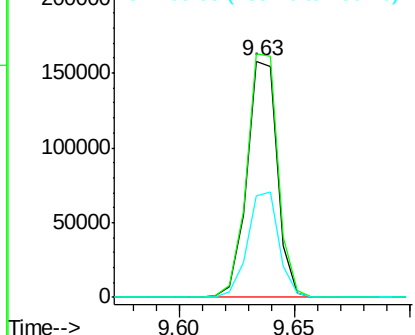
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1300
 Delta R.T. -0.04 min
 Lab File: BF096826.D
 Acq: 17 Jul 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB02A

Tot Ion:164 Resp: 145756
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 43.2 36.2 54.2

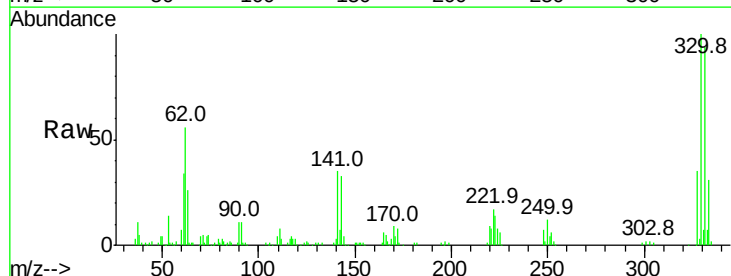


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

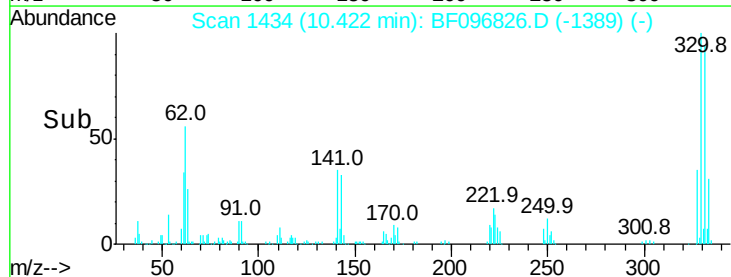
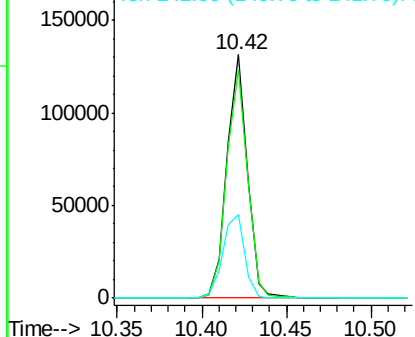


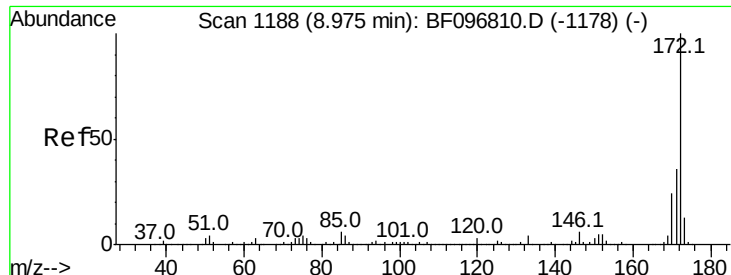
#41
 2,4,6-Tribromophenol
 Concen: 88.500 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.04 min
 Lab File: BF096826.D
 Acq: 17 Jul 2017 18:23

Tgt Ion:330 Resp: 110108
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 37.1 31.4 47.2



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

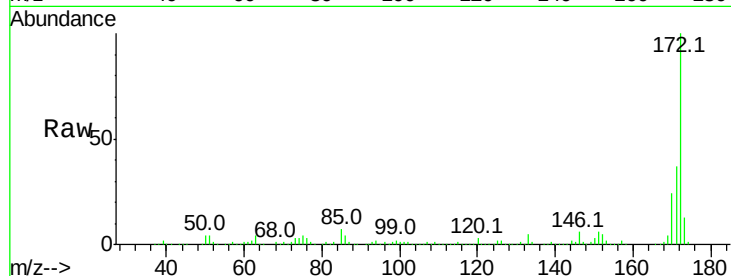




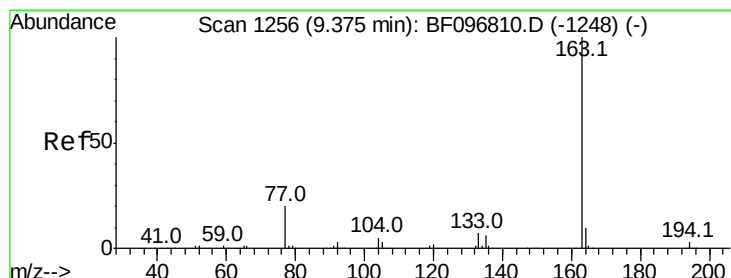
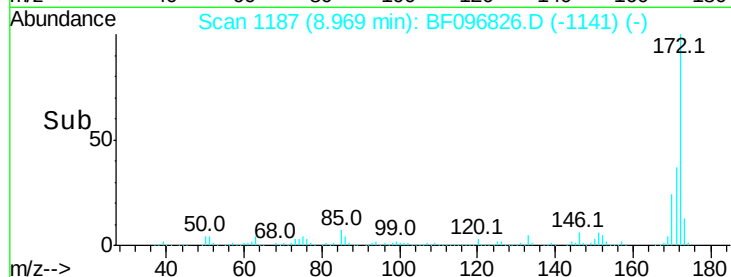
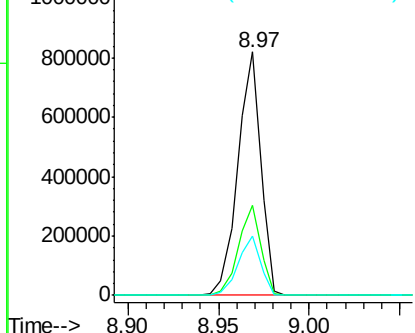
#44
2-Fluorobiphenyl
Concen: 78.470 ng
RT: 8.97 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BF096826.D
Acq: 17 Jul 2017 18:23

Instrument :
BNA_F
ClientSampleId :
NB-SB02A

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.2	19.8	29.8

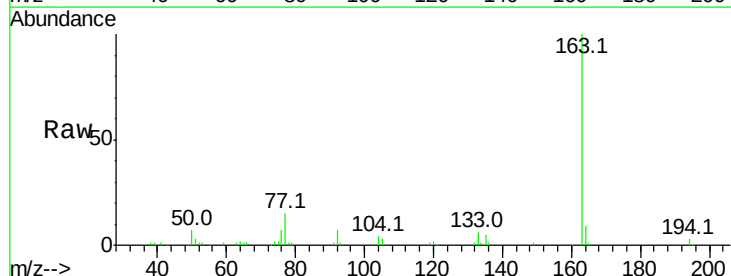


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

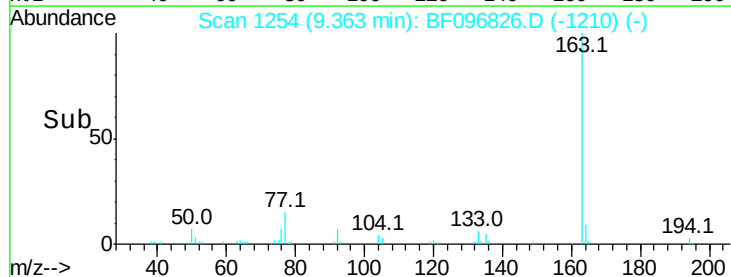
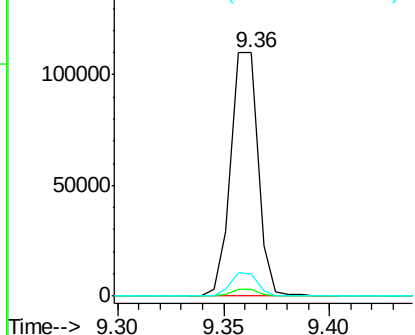


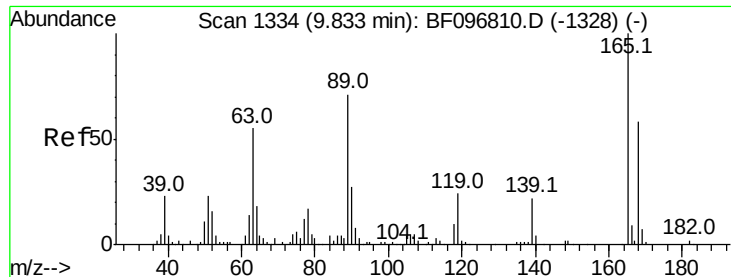
#49
Dimethylphthalate
Concen: 8.960 ng
RT: 9.36 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF096826.D
Acq: 17 Jul 2017 18:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.3	8.4	12.6



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

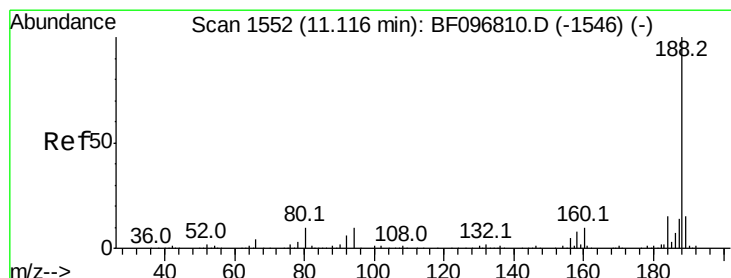
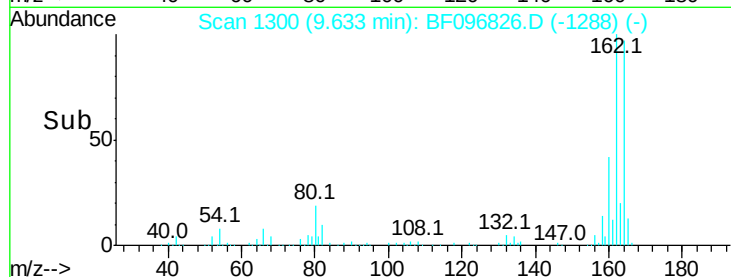
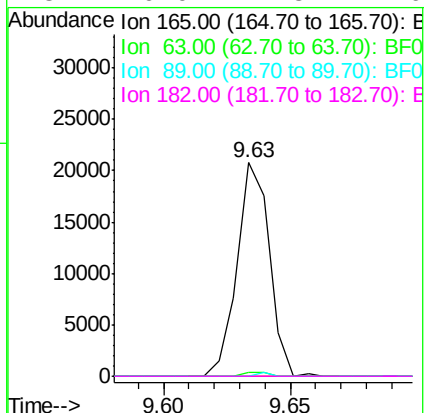
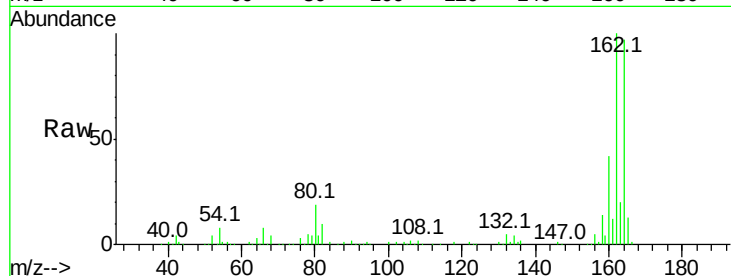




#56
 2,4-Dinitrotoluene
 Concen: 6.000 ng
 RT: 9.63 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF096826.D
 Acq: 17 Jul 2017 18:23

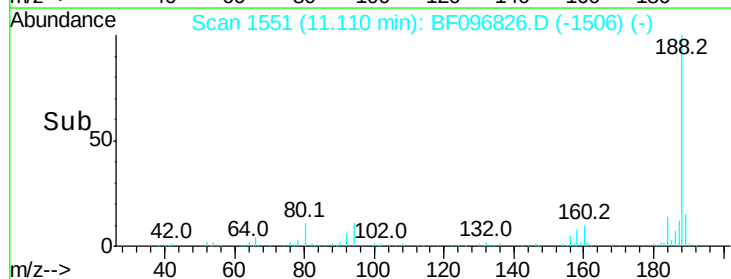
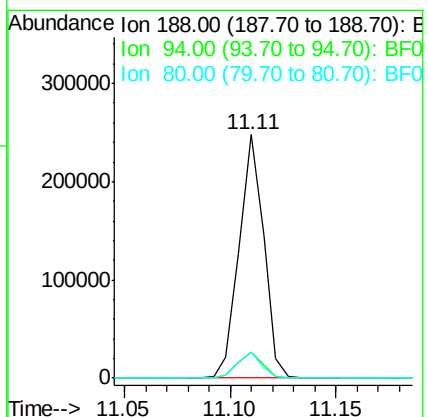
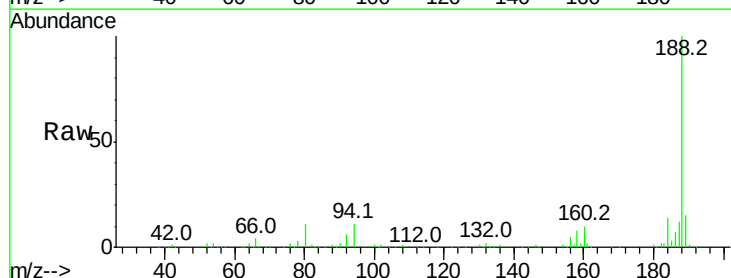
Instrument :
 BNA_F
 ClientSampleId :
 NB-SB02A

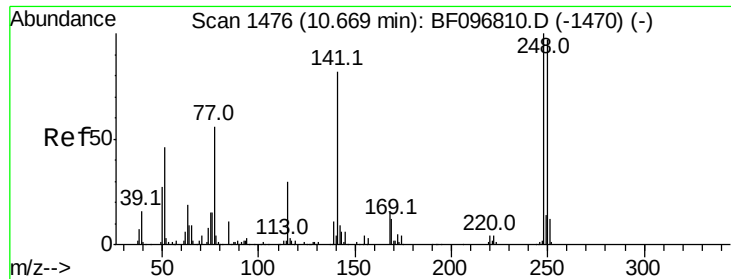
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1551
 Delta R.T. -0.04 min
 Lab File: BF096826.D
 Acq: 17 Jul 2017 18:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.6	10.2	15.2

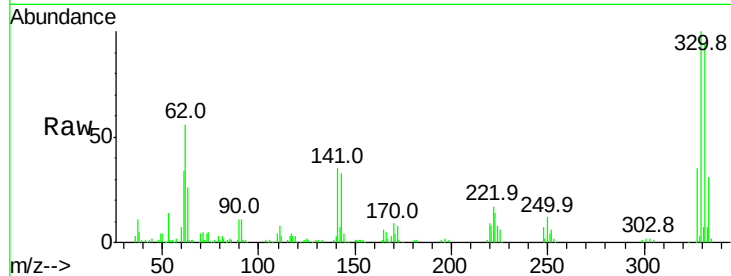




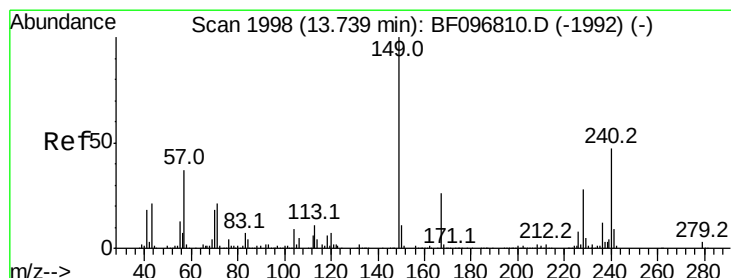
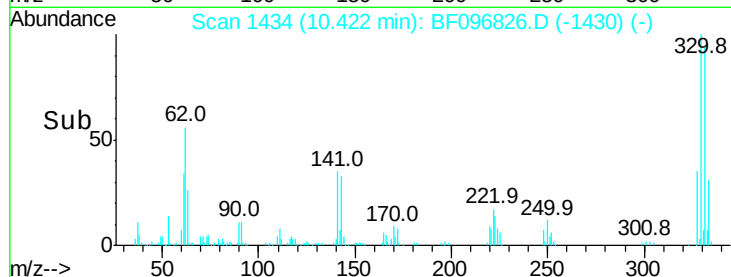
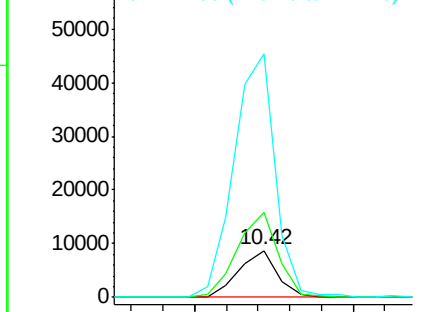
#66
 4-Bromophenyl-phenylether
 Concen: 3.585 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.28 min
 Lab File: BF096826.D
 Acq: 17 Jul 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB02A

Tot Ion:248 Resp: 7317
 Ion Ratio Lower Upper
 248 100
 250 180.8 76.8 115.2#
 141 521.1 68.6 103.0#

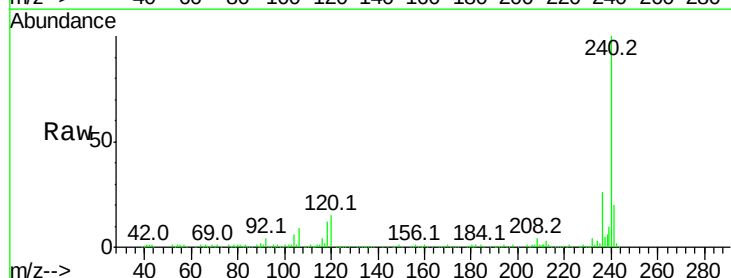


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

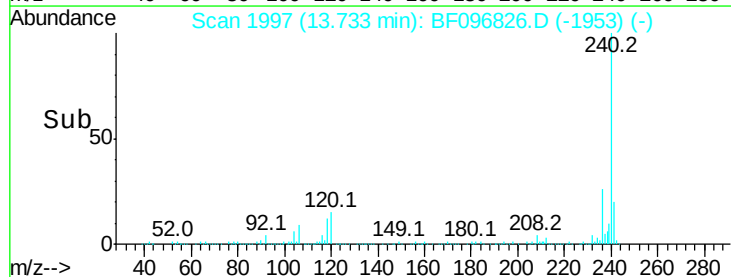
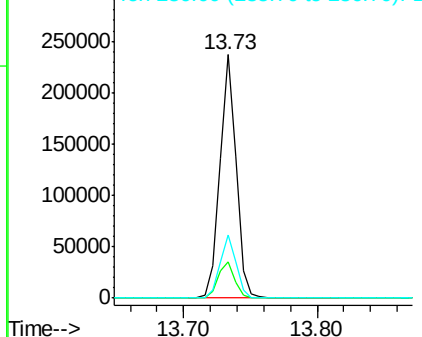


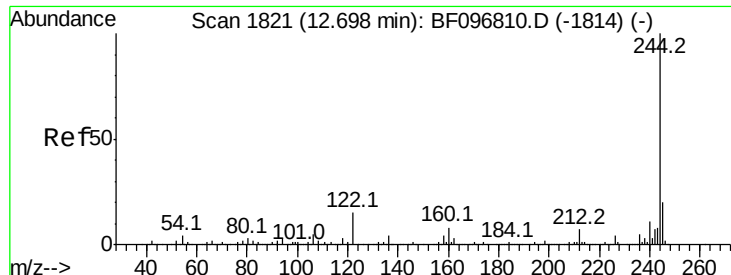
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. -0.04 min
 Lab File: BF096826.D
 Acq: 17 Jul 2017 18:23

Tgt Ion:240 Resp: 205295
 Ion Ratio Lower Upper
 240 100
 120 14.7 5.8 8.8#
 236 25.9 20.5 30.7



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: 41.123 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.04 min

Lab File: BF096826.D

Acq: 17 Jul 2017 18:23

Instrument :

BNA_F

ClientSampleId :

NB-SB02A

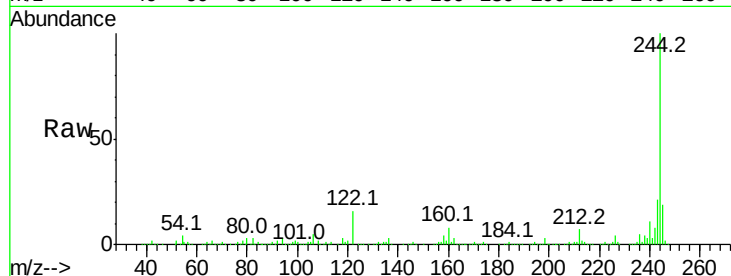
Tot Ion:244 Resp: 486793

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

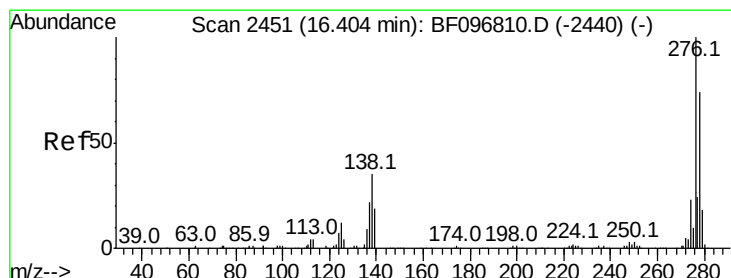
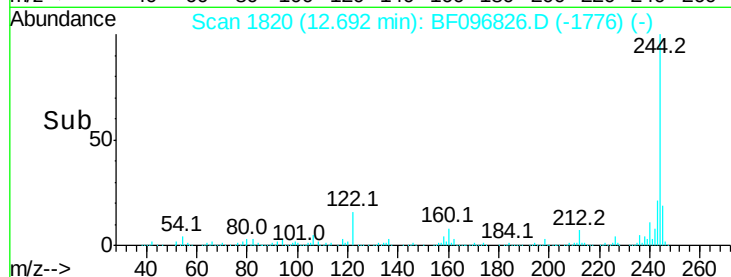
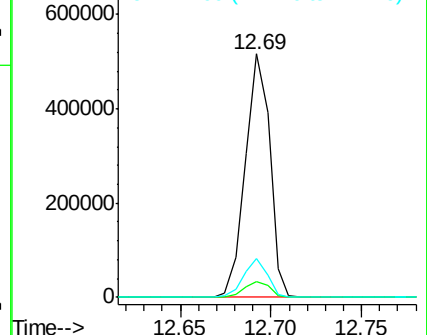
122 15.8 10.3 15.5#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.660 ng

RT: 16.39 min Scan# 2449

Delta R.T. -0.08 min

Lab File: BF096826.D

Acq: 17 Jul 2017 18:23

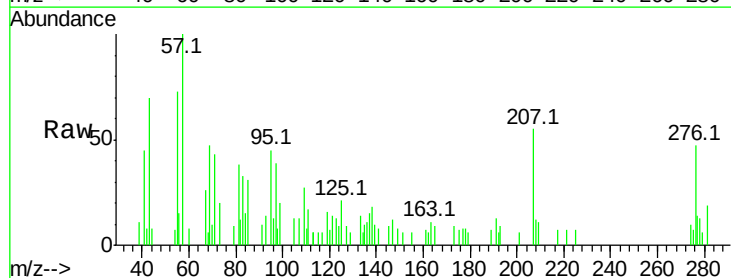
Tgt Ion:276 Resp: 4023

Ion Ratio Lower Upper

276 100

138 42.3 27.8 41.6#

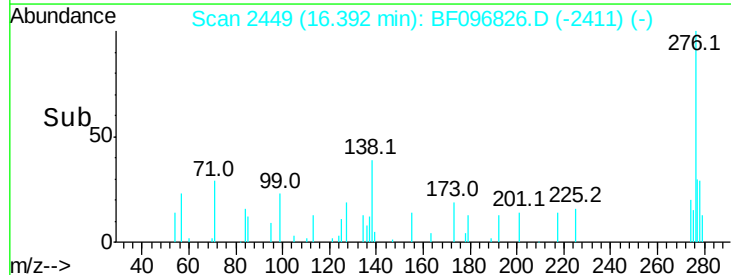
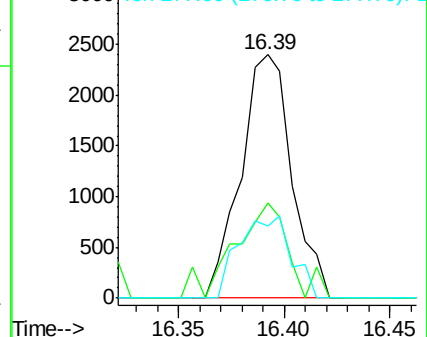
277 34.6 20.2 30.4#

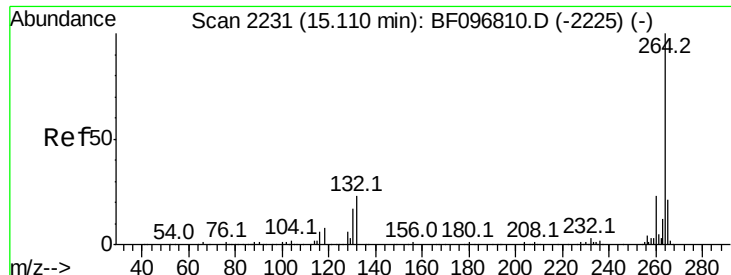


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

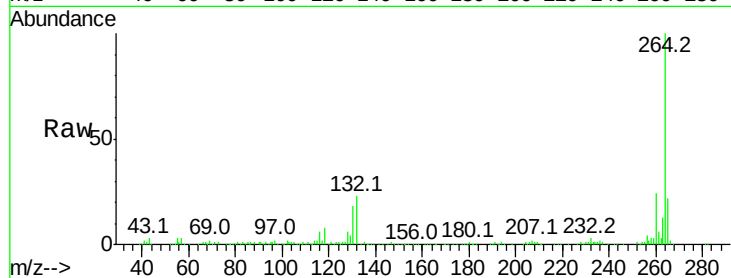




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.11 min Scan# 2231
 Delta R.T. -0.05 min
 Lab File: BF096826.D
 Acq: 17 Jul 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :
 NB-SB02A

Tot Ion: 264 Resp: 199841
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.7 17.2 25.8



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

