

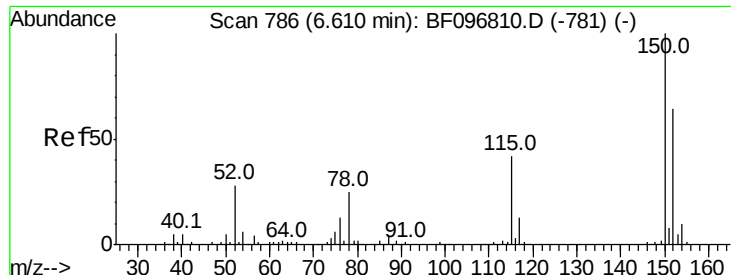
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096814.D
 Acq On : 17 Jul 2017 12:51
 Operator : SJ/JU
 Sample : I4159-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-GAS-SIDEWALL

Quant Time: Jul 17 13:54:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 13:30:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	123612	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	508757	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	224310	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	374176	20.00	ng	0.00
75) Chrysene-d12	13.73	240	223675	20.00	ng	0.00
86) Perylene-d12	15.10	264	208877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	739180	89.91	ng	0.00
7) Phenol-d6	6.26	99	890532	90.27	ng	0.00
23) Nitrobenzene-d5	7.17	82	528283	64.32	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	159832	83.48	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	760732	53.58	ng	0.00
78) Terphenyl-d14	12.69	244	507384	39.34	ng	0.00
Target Compounds						
10) Phenol	6.27	94	29718	2.665	ng	96
19) n-Nitroso-di-n-propylamine	7.17	70	69917	11.763	ng	# 88
25) Isophorone	7.17	82	488520	31.972	ng	# 67
49) Dimethylphthalate	9.36	163	130594	7.732	ng	99
56) 2,4-Dinitrotoluene	9.63	165	28835	6.134	ng	# 32
66) 4-Bromophenyl-phenylether	10.42	248	10019	2.623	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.38	276	244	3.346	ng	# 44

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

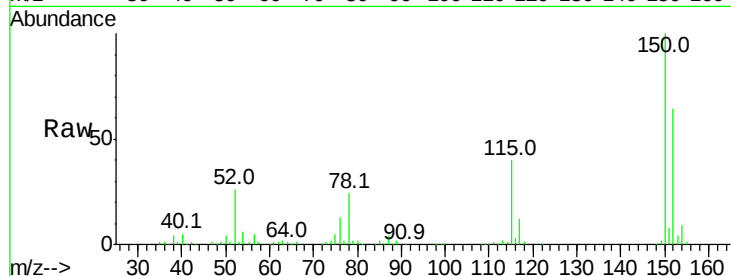


#1

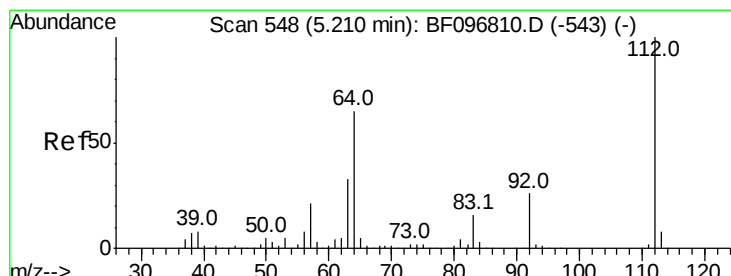
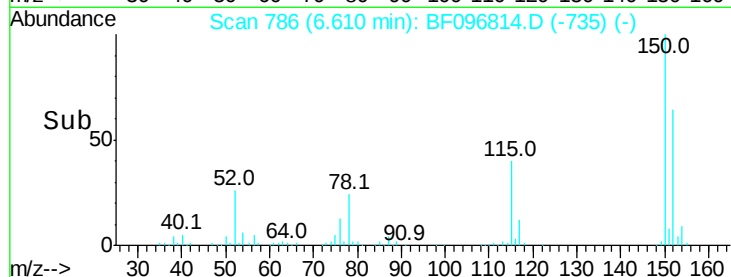
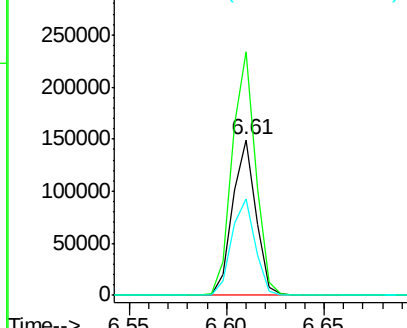
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF096814.D
Acq: 17 Jul 2017 12:51

Instrument :
BNA_F
ClientSampleId :
NORTH-GAS-SIDEWALL

Tot Ion:152 Resp: 123612
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 61.9 52.2 78.2



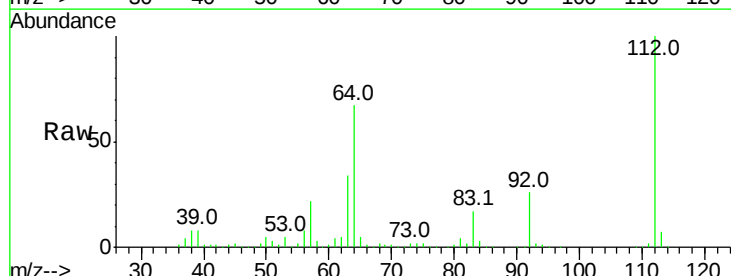
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



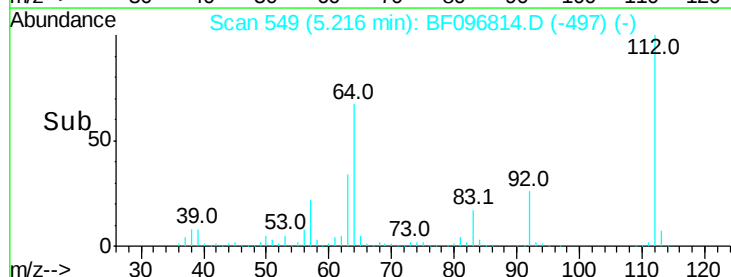
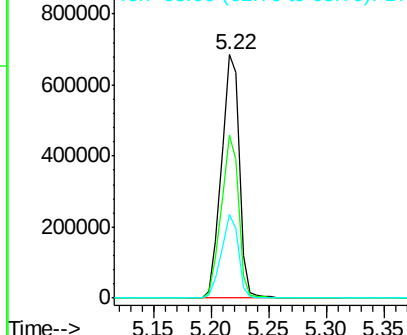
#5

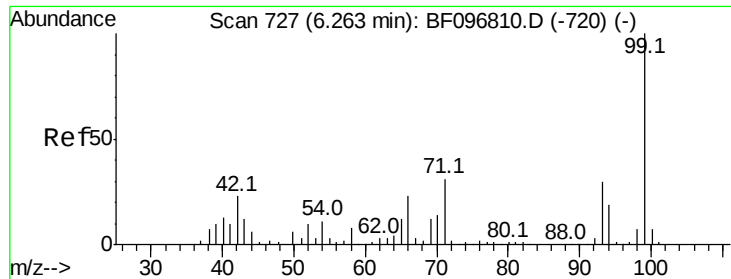
2-Fluorophenol
Concen: 89.912 ng
RT: 5.22 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF096814.D
Acq: 17 Jul 2017 12:51

Tgt Ion:112 Resp: 739180
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 34.3 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: 90.266 ng

RT: 6.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF096814.D

Acq: 17 Jul 2017 12:51

Instrument :

BNA_F

ClientSampleId :

NORTH-GAS-SIDEWALL

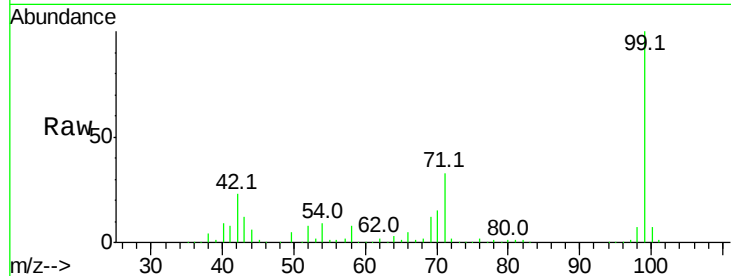
Tot Ion: 99 Resp: 890532

Ion Ratio Lower Upper

99 100

42 23.1 13.5 20.3#

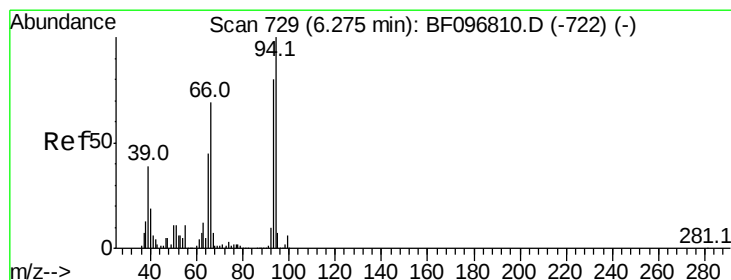
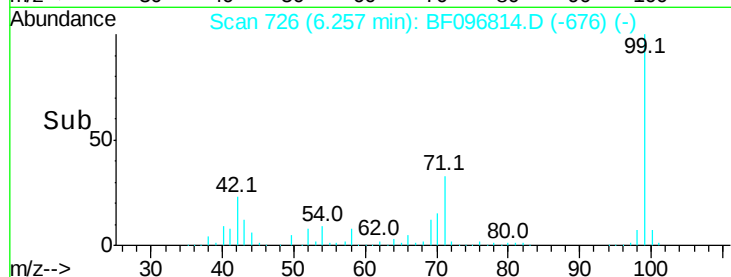
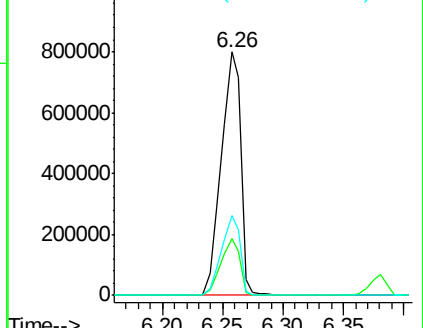
71 32.6 24.5 36.7



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: 2.665 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096814.D

Acq: 17 Jul 2017 12:51

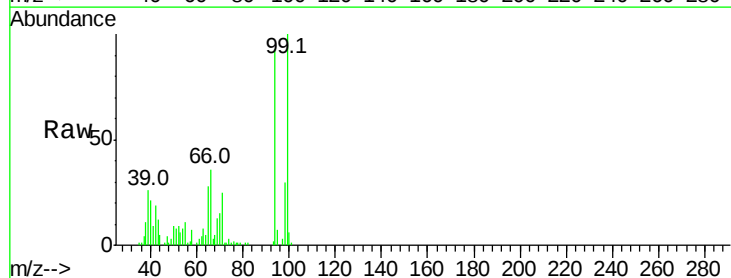
Tgt Ion: 94 Resp: 29718

Ion Ratio Lower Upper

94 100

65 30.2 9.9 49.9

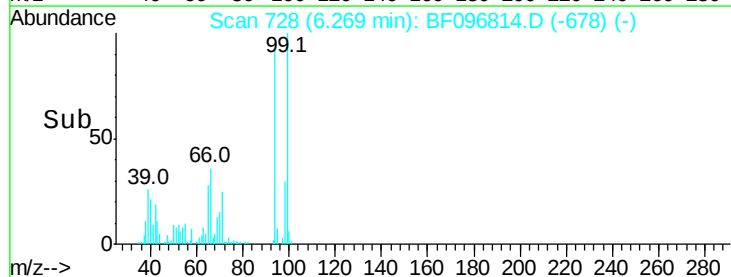
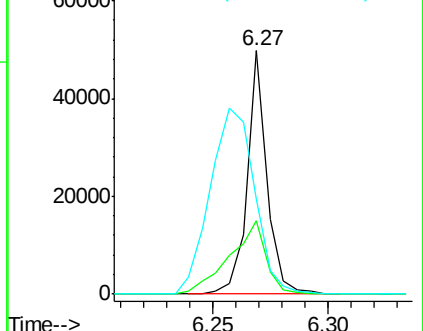
66 38.9 23.1 63.1

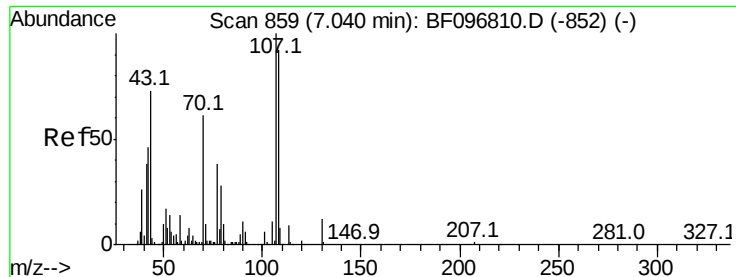


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

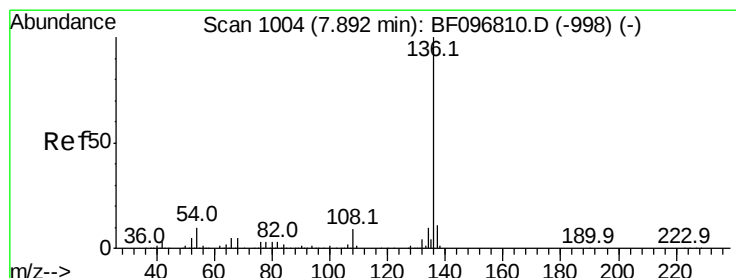
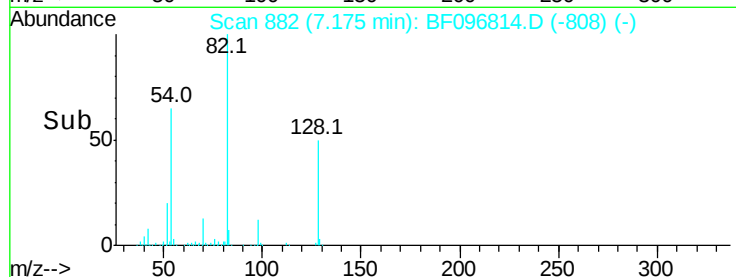
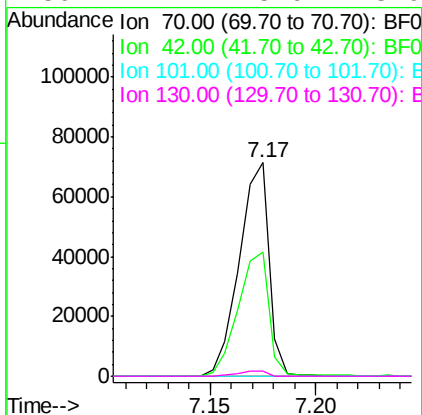
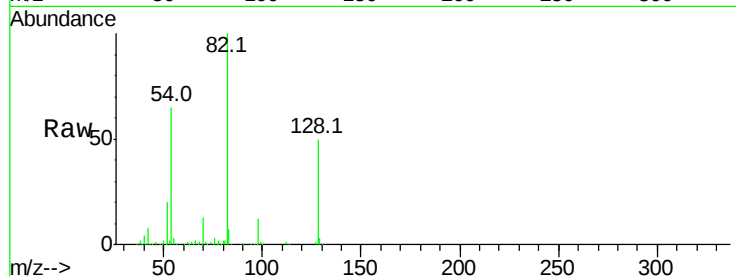




#19
n-Nitroso-di-n-propylamine
Concen: 11.763 ng
RT: 7.17 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF096814.D
Acq: 17 Jul 2017 12:51

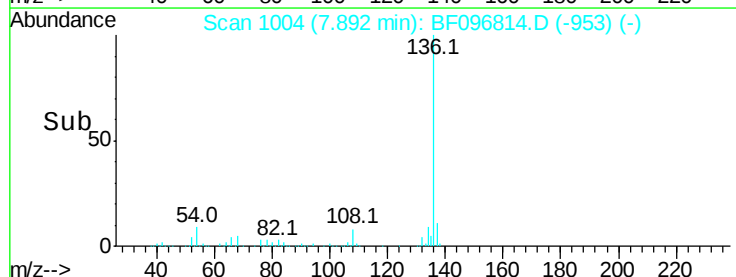
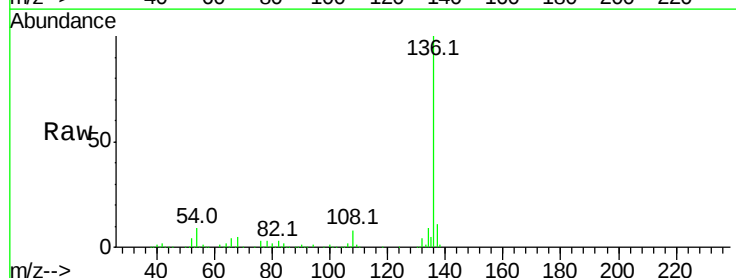
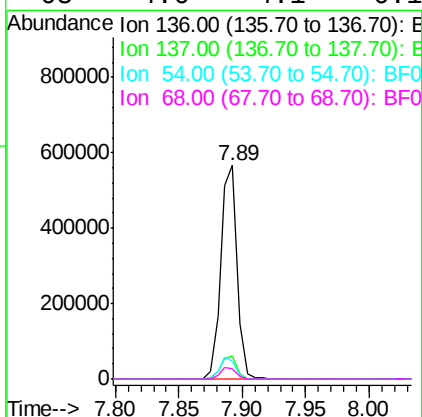
Instrument :
BNA_F
ClientSampleId :
NORTH-GAS-SIDEWALL

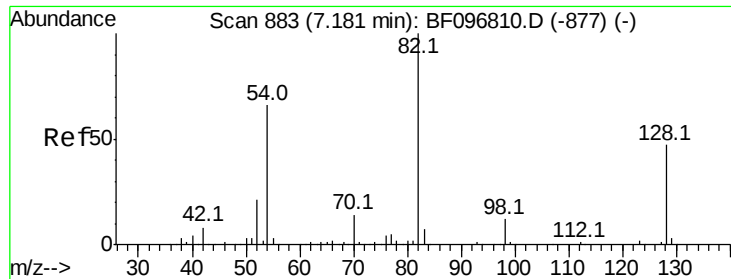
Tot Ion	70	Resp	69917
Ion Ratio	Lower	Upper	
70	100		
42	58.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF096814.D
Acq: 17 Jul 2017 12:51

Tgt Ion	136	Resp	508757
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	8.7	4.9	7.3#
68	4.6	4.1	6.1

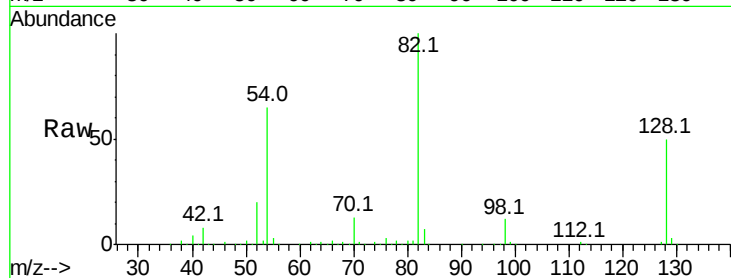




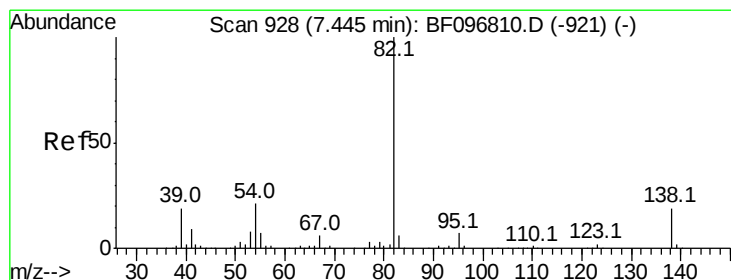
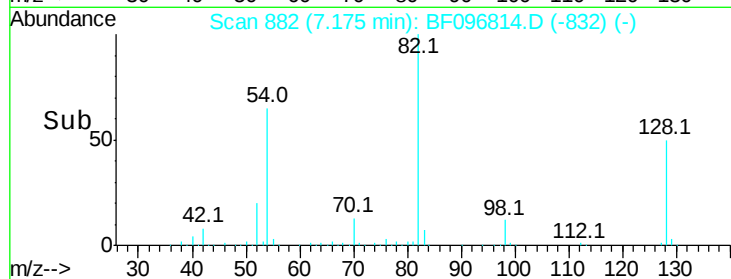
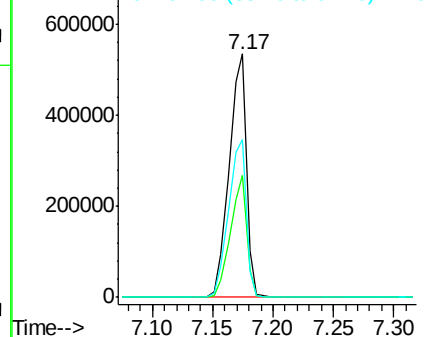
#23
 Nitrobenzene-d5
 Concen: 64.318 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096814.D
 Acq: 17 Jul 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-GAS-SIDEWALL

Tot Ion: 82 Resp: 528283
 Ion Ratio Lower Upper
 82 100
 128 49.9 34.0 51.0
 54 64.9 42.2 63.2#

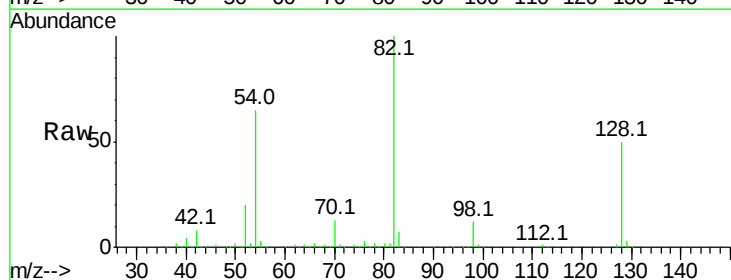


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

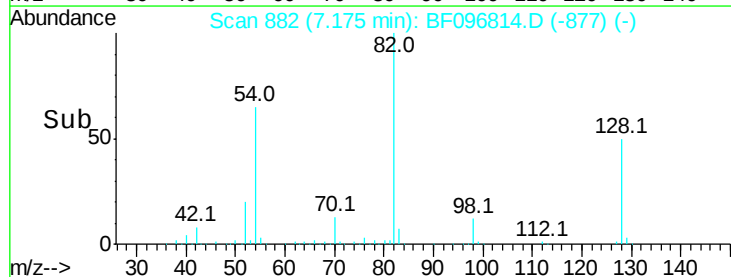
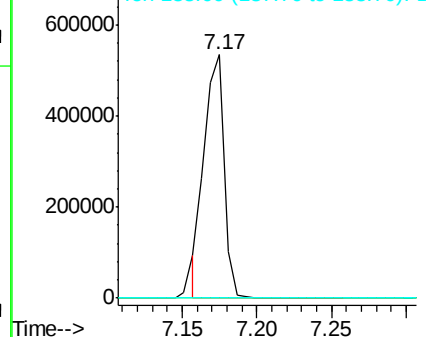


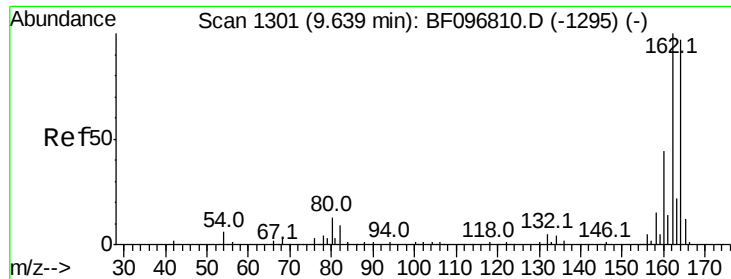
#25
 Isophorone
 Concen: 31.972 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.27 min
 Lab File: BF096814.D
 Acq: 17 Jul 2017 12:51

Tgt Ion: 82 Resp: 488520
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#



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): BF0

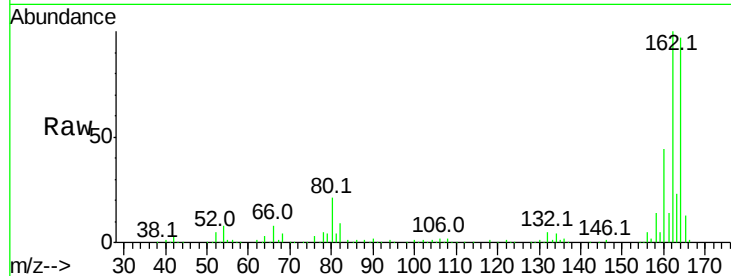




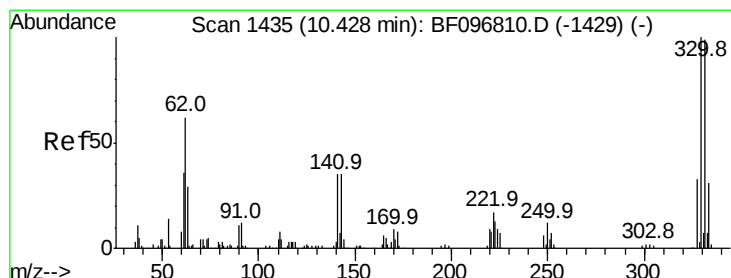
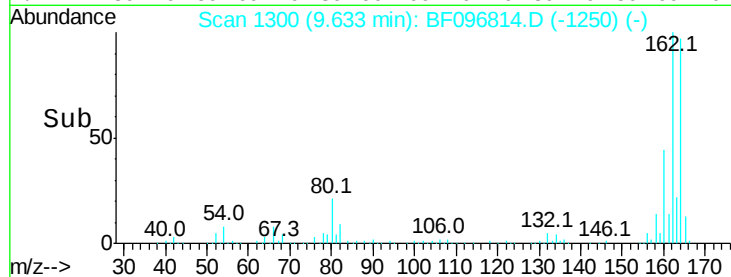
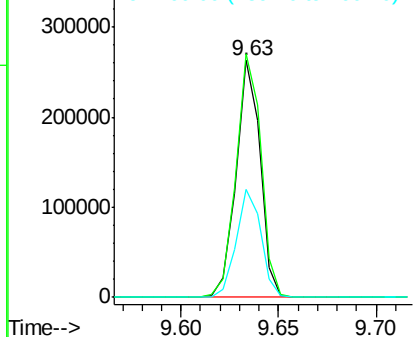
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF096814.D
Acq: 17 Jul 2017 12:51

Instrument :
BNA_F
ClientSampleId :
NORTH-GAS-SIDEWALL

Tot Ion:164 Resp: 224310
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 45.4 36.2 54.2

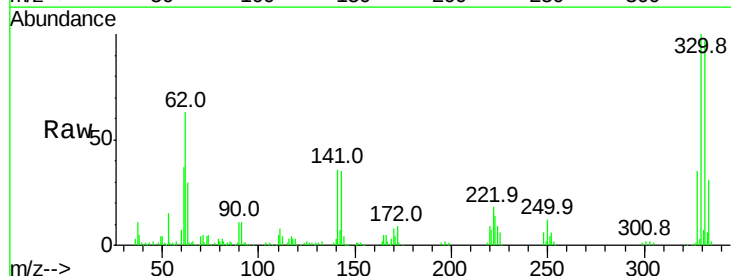


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

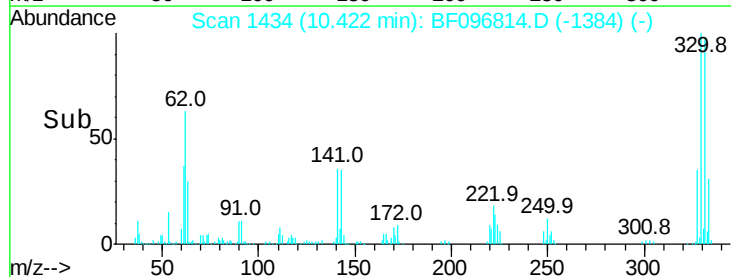
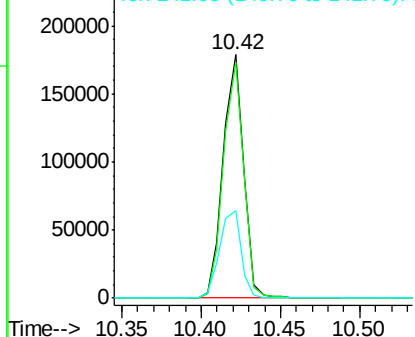


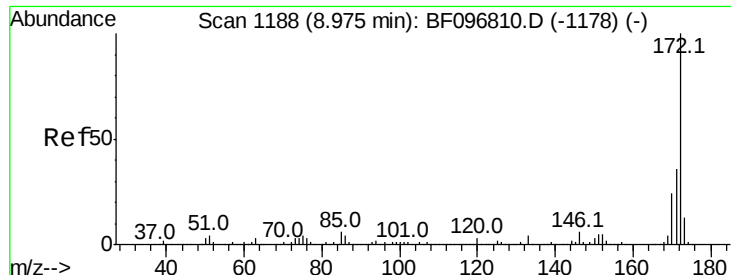
#41
2,4,6-Tribromophenol
Concen: 83.477 ng
RT: 10.42 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF096814.D
Acq: 17 Jul 2017 12:51

Tgt Ion:330 Resp: 159832
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 38.3 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

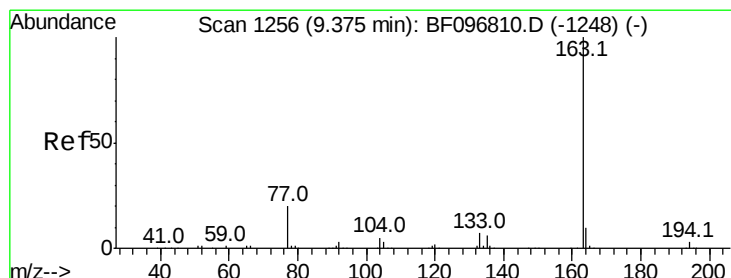
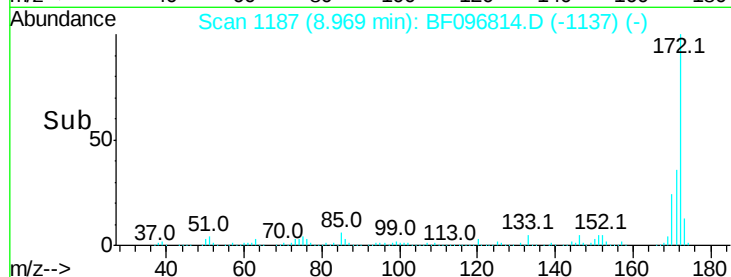
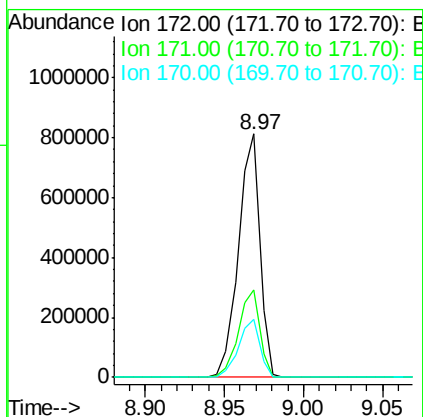
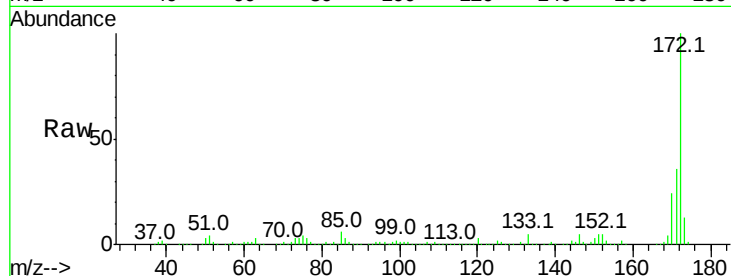




#44
2-Fluorobiphenyl
Concen: 53.582 ng
RT: 8.97 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF096814.D
Acq: 17 Jul 2017 12:51

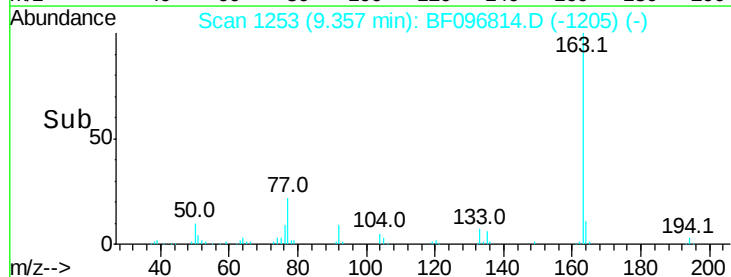
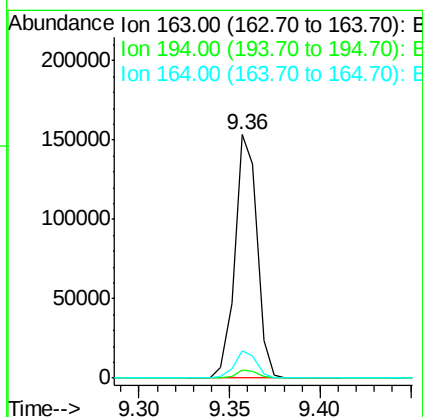
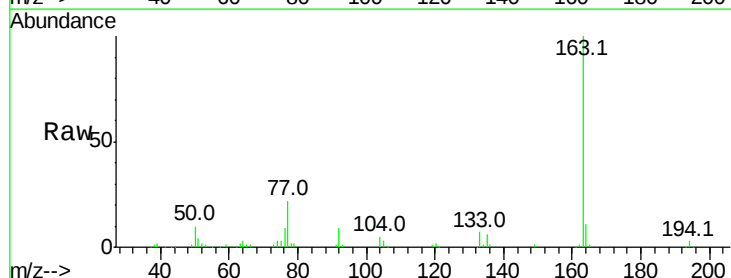
Instrument :
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NORTH-GAS-SIDEWALL

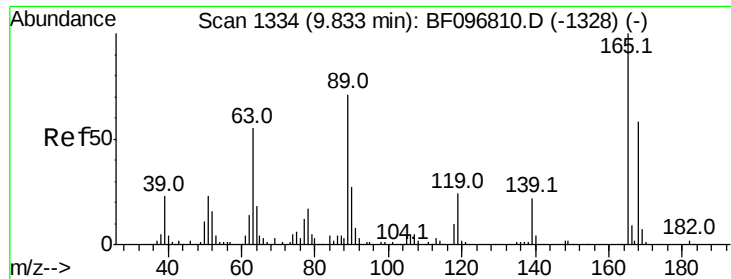
Tot Ion:172 Resp: 760732
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.8 19.8 29.8



#49
Dimethylphthalate
Concen: 7.732 ng
RT: 9.36 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF096814.D
Acq: 17 Jul 2017 12:51

Tgt Ion:163 Resp: 130594
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 11.0 8.4 12.6

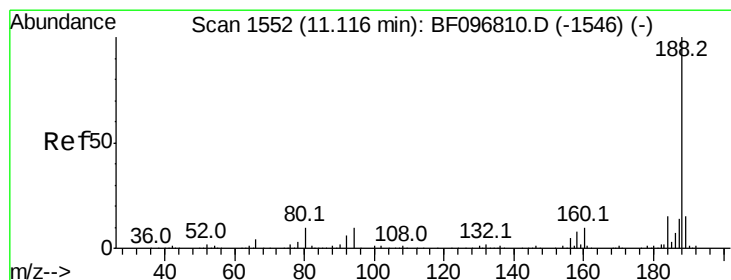
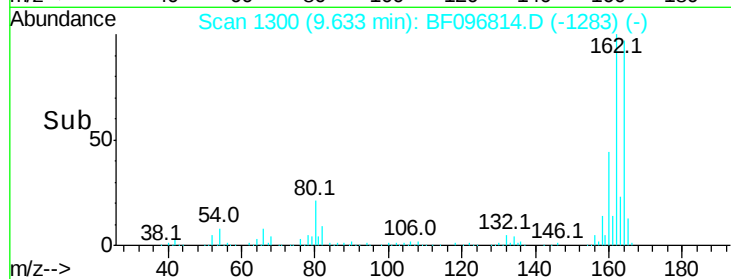
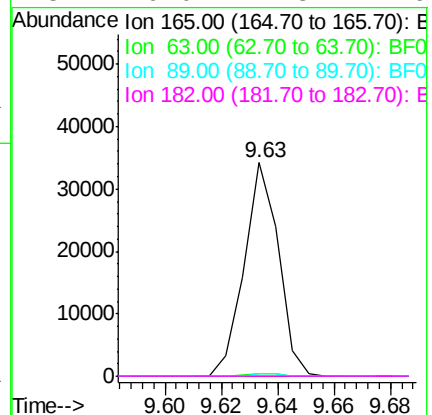
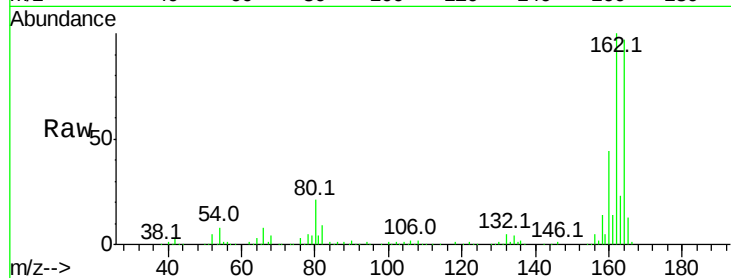




#56
 2,4-Dinitrotoluene
 Concen: 6.134 ng
 RT: 9.63 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF096814.D
 Acq: 17 Jul 2017 12:51

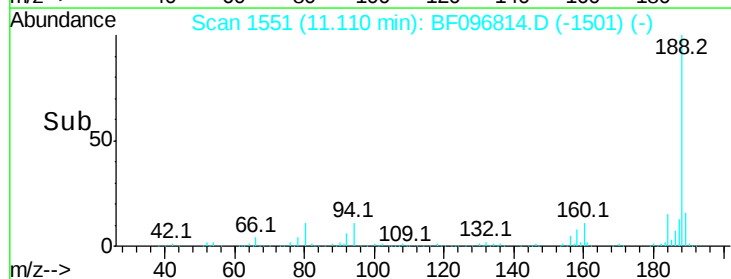
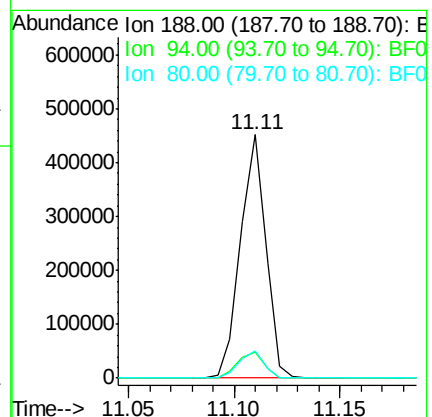
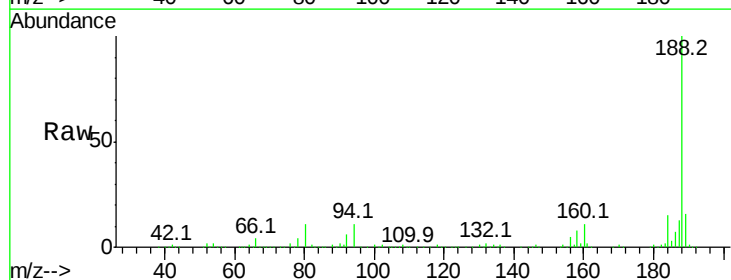
Instrument :
 BNA_F
 ClientSampleId :
 NORTH-GAS-SIDEWALL

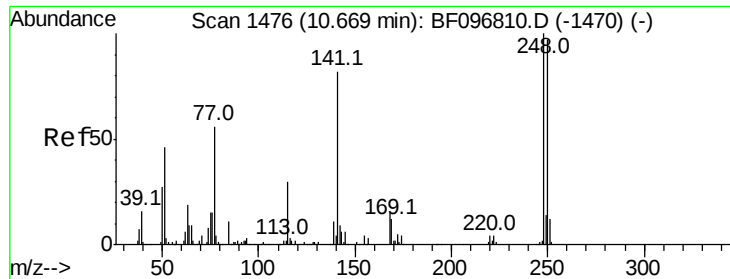
Tot Ion:165 Resp: 28835
 Ion Ratio Lower Upper
 165 100
 63 1.2 25.4 38.0#
 89 0.9 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF096814.D
 Acq: 17 Jul 2017 12:51

Tgt Ion:188 Resp: 374176
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.2 10.2 15.2

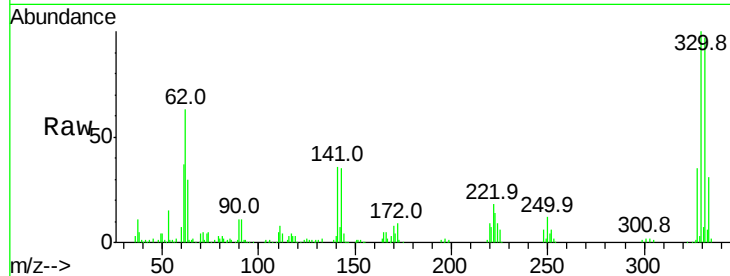




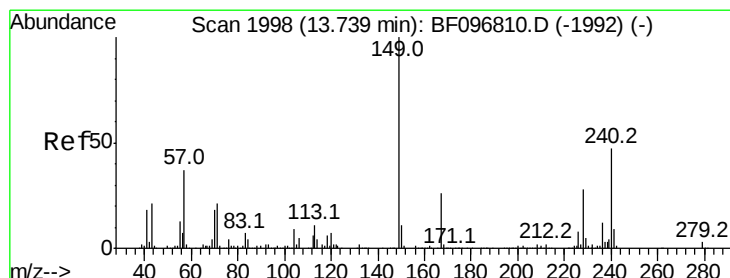
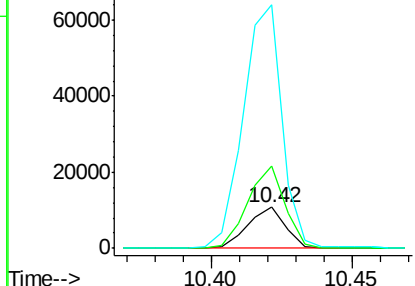
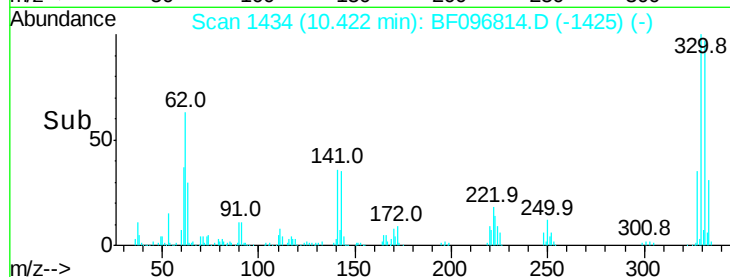
#66
 4-Bromophenyl-phenylether
 Concen: 2.623 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF096814.D
 Acq: 17 Jul 2017 12:51

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-GAS-SIDEWALL

Tot Ion:248 Resp: 10019
 Ion Ratio Lower Upper
 248 100
 250 200.6 76.8 115.2#
 141 589.5 68.6 103.0#

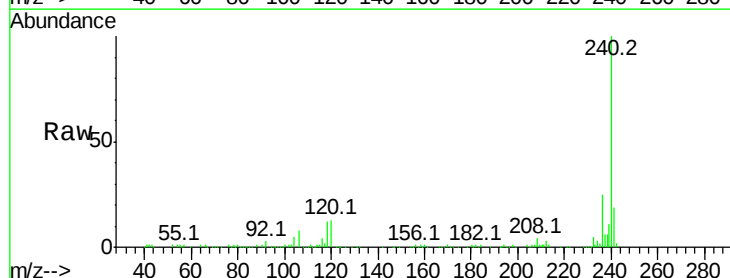


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

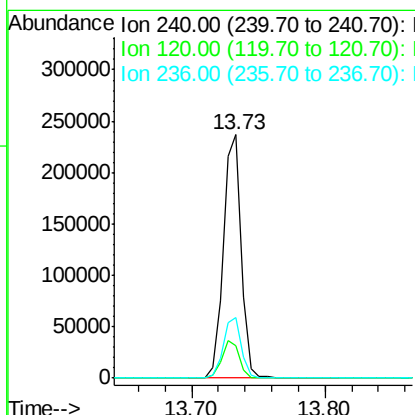
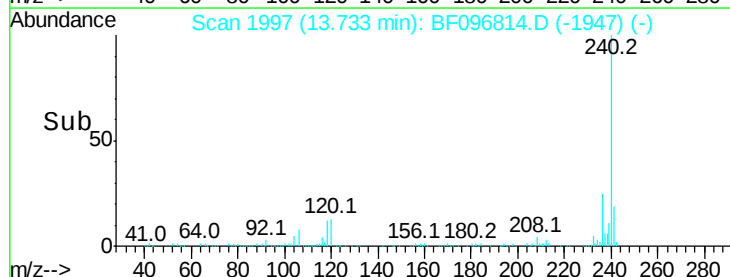


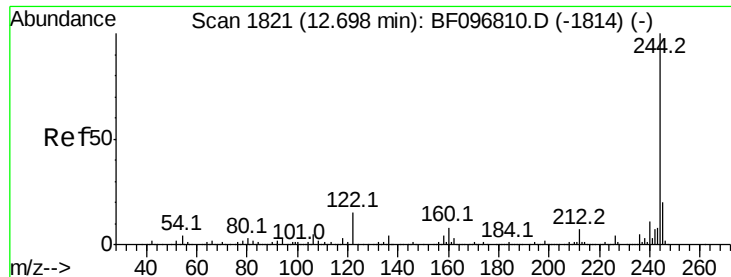
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF096814.D
 Acq: 17 Jul 2017 12:51

Tgt Ion:240 Resp: 223675
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 24.9 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: 39.340 ng

RT: 12.69 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF096814.D

Acq: 17 Jul 2017 12:51

Instrument :

BNA_F

ClientSampleId :

NORTH-GAS-SIDEWALL

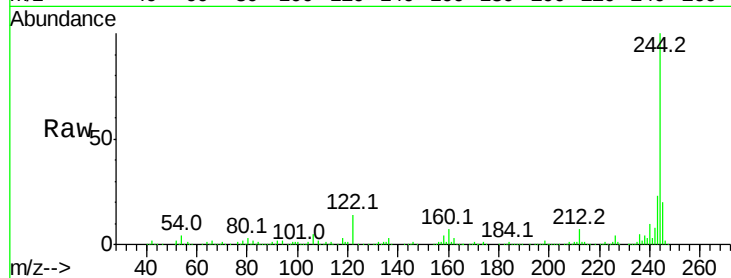
Tot Ion:244 Resp: 507384

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

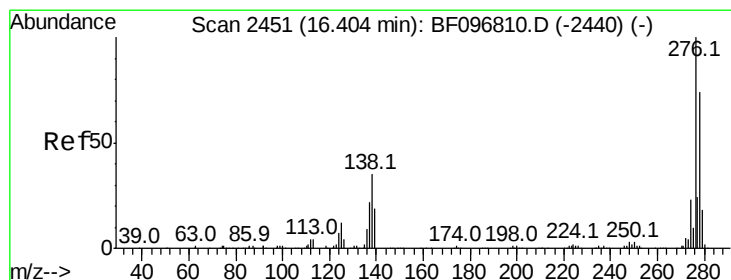
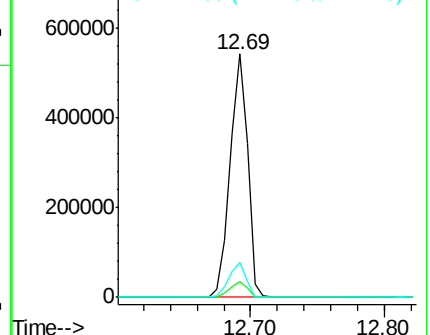
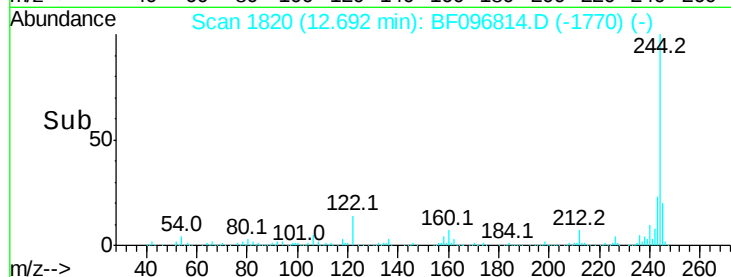
122 14.3 10.3 15.5



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: 3.346 ng

RT: 16.38 min Scan# 2447

Delta R.T. -0.02 min

Lab File: BF096814.D

Acq: 17 Jul 2017 12:51

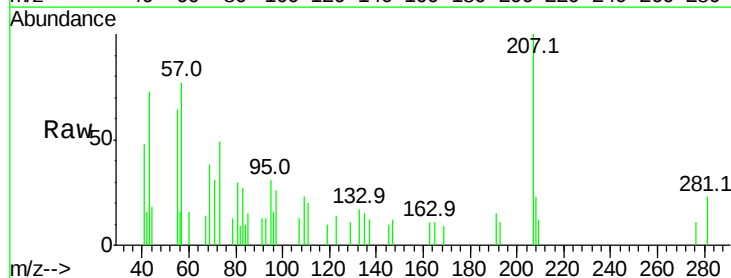
Tgt Ion:276 Resp: 244

Ion Ratio Lower Upper

276 100

138 0.0 27.8 41.6#

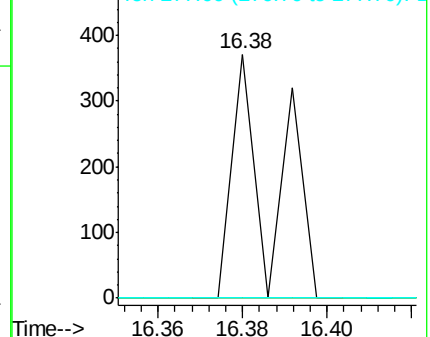
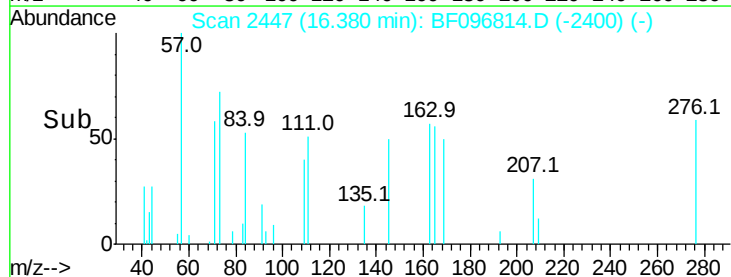
277 0.0 20.2 30.4#

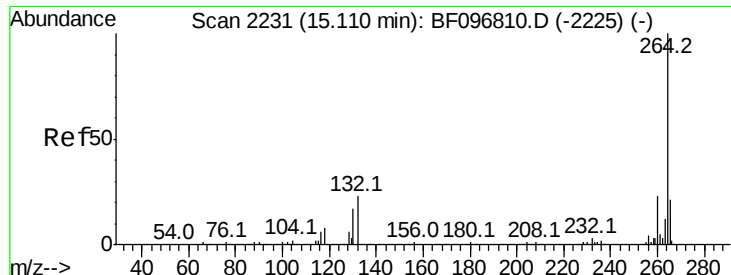


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.10 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF096814.D
Acq: 17 Jul 2017 12:51

Instrument :
BNA_F
ClientSampleId :
NORTH-GAS-SIDEWALL

Tot Ion:264 Resp: 208877
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 21.2 17.2 25.8

