

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096813.D
 Acq On : 17 Jul 2017 12:24
 Operator : SJ/JU
 Sample : I4159-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-GAS-SIDEWALL

Quant Time: Jul 17 13:01:51 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

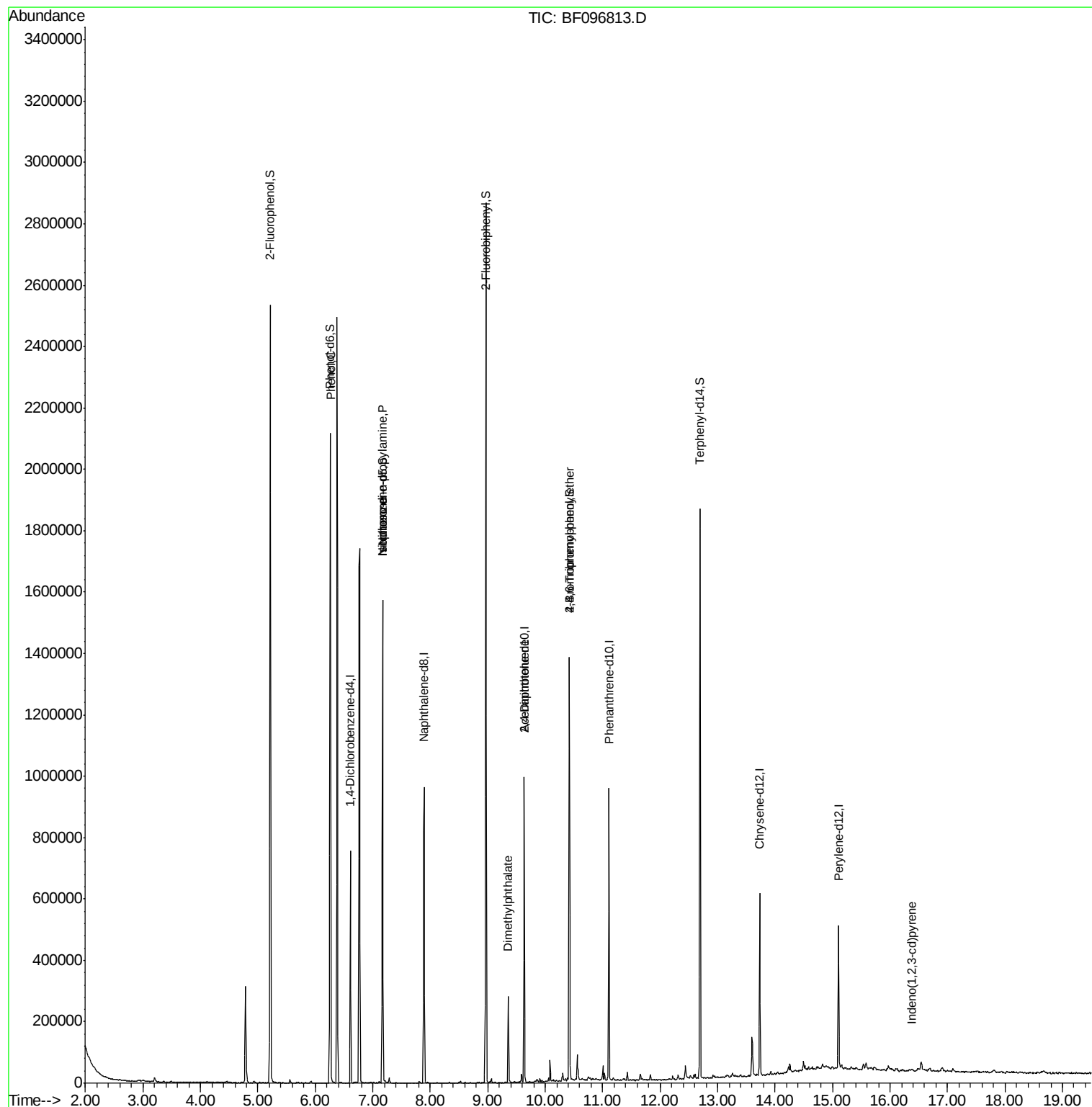
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	103740	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	433355	20.00	ng	-0.03
38) Acenaphthene-d10	9.63	164	192623	20.00	ng	-0.04
63) Phenanthrene-d10	11.11	188	316718	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	190460	20.00	ng	-0.04
86) Perylene-d12	15.10	264	185797	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	727323	105.42	ng	-0.02
7) Phenol-d6	6.26	99	826242	99.79	ng	-0.02
23) Nitrobenzene-d5	7.17	82	479382	68.52	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	150342	91.44	ng	-0.04
44) 2-Fluorobiphenyl	8.97	172	904641	74.20	ng	-0.03
78) Terphenyl-d14	12.70	244	620155	56.47	ng	-0.04
Target Compounds						
10) Phenol	6.27	94	22578	2.412	ng	99
19) n-Nitroso-di-n-propylamine	7.17	70	62033	12.436	ng	# 87
25) Isophorone	7.17	82	475823	36.560	ng	# 67
49) Dimethylphthalate	9.36	163	108193	7.460	ng	98
56) 2,4-Dinitrotoluene	9.63	165	24242	6.005	ng	# 33
66) 4-Bromophenyl-phenylether	10.42	248	9462	2.926	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.38	276	1469	3.459	ng	93

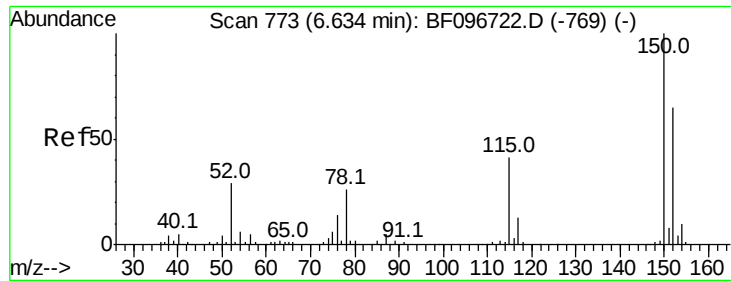
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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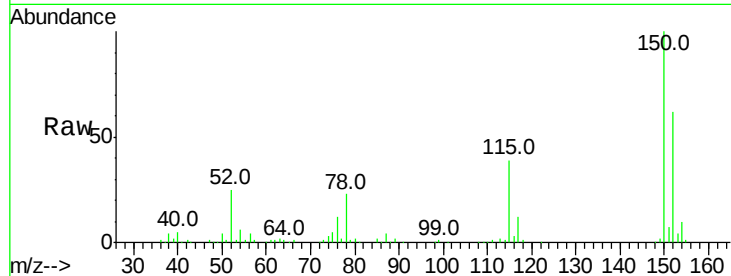


#1

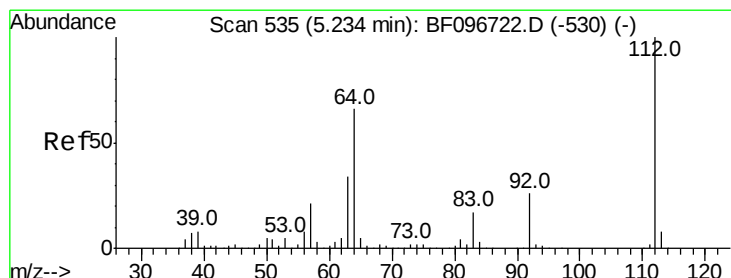
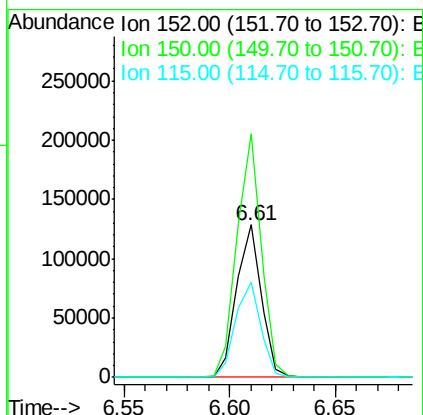
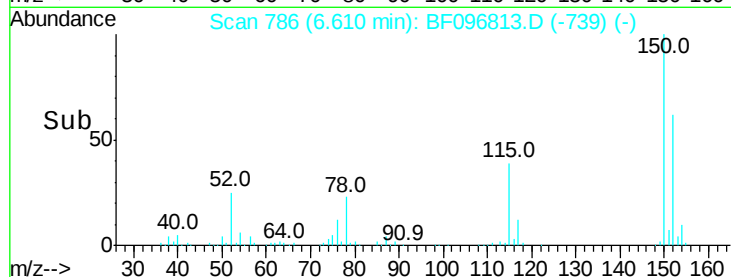
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF096813.D
 Acq: 17 Jul 2017 12:24

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-GAS-SIDEWALL

Tot Ion:152 Resp: 103740
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.2 189.2
 115 62.2 52.2 78.2



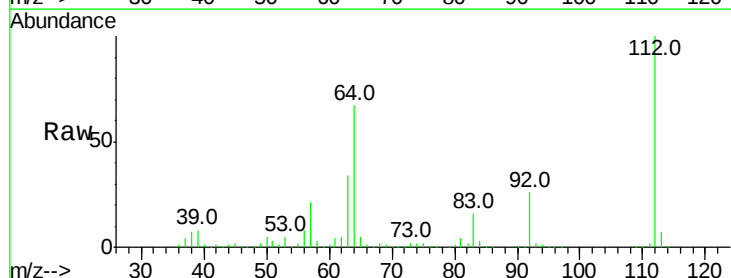
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



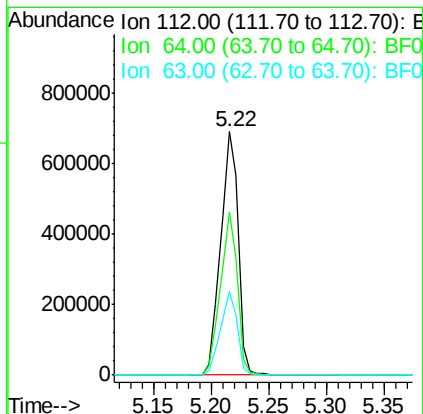
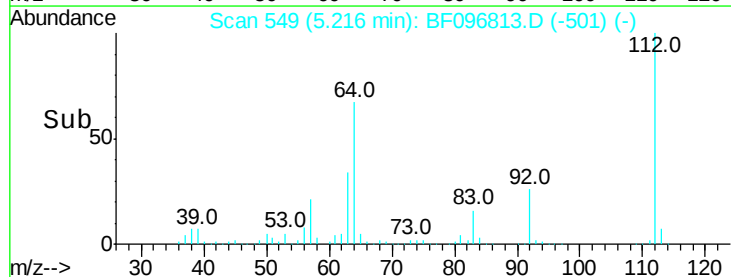
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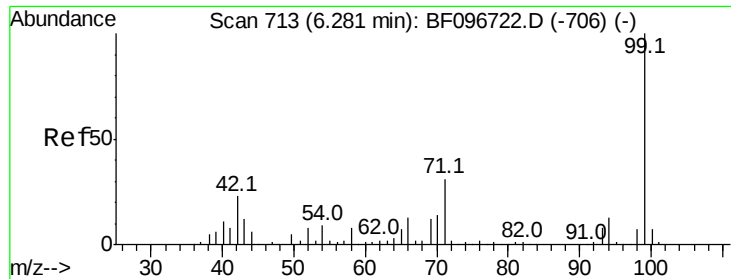
2-Fluorophenol
 Concen: 105.417 ng
 RT: 5.22 min Scan# 549
 Delta R.T. -0.02 min
 Lab File: BF096813.D
 Acq: 17 Jul 2017 12:24

Tgt Ion:112 Resp: 727323
 Ion Ratio Lower Upper
 112 100
 64 66.8 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: 99.792 ng

RT: 6.26 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF096813.D

Acq: 17 Jul 2017 12:24

Instrument :

BNA_F

ClientSampleId :

SOUTH-GAS-SIDEWALL

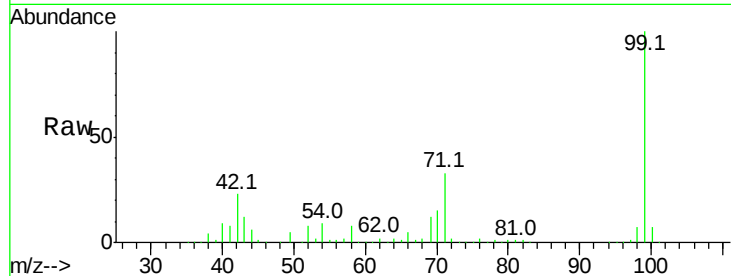
Tot Ion: 99 Resp: 826242

Ion Ratio Lower Upper

99 100

42 23.4 13.5 20.3#

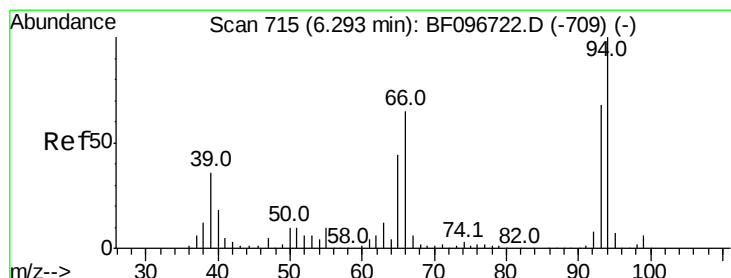
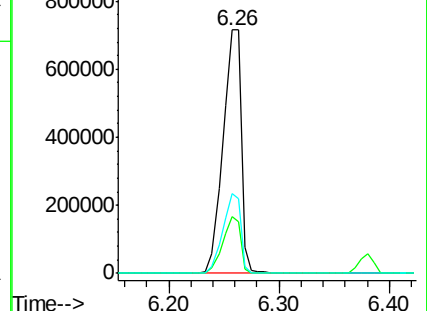
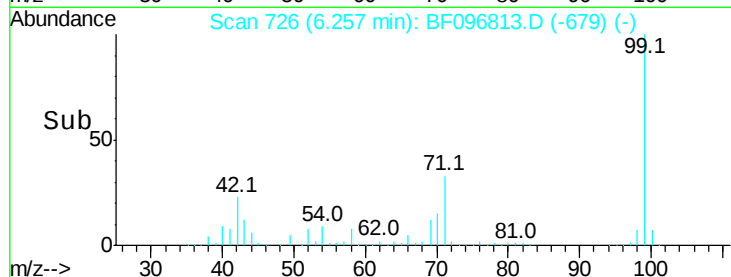
71 32.9 24.5 36.7



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: 2.412 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF096813.D

Acq: 17 Jul 2017 12:24

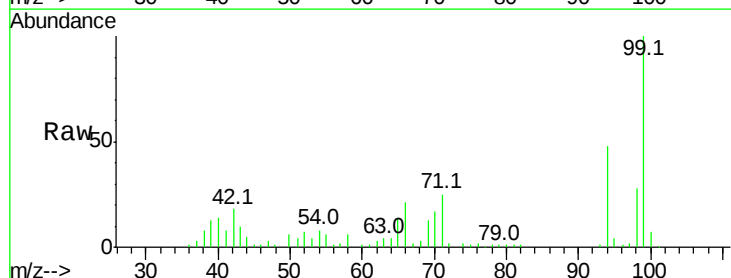
Tgt Ion: 94 Resp: 22578

Ion Ratio Lower Upper

94 100

65 30.4 9.9 49.9

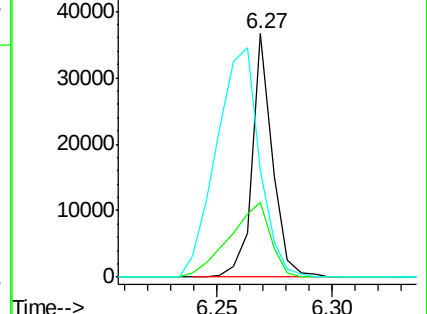
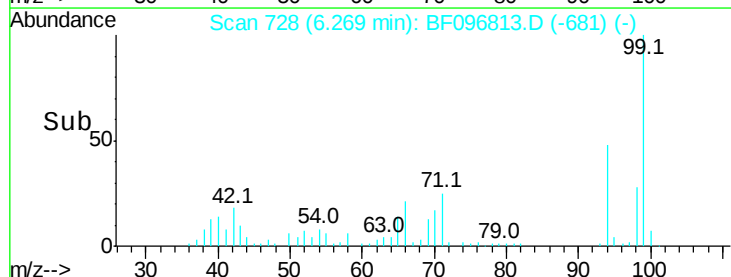
66 43.7 23.1 63.1

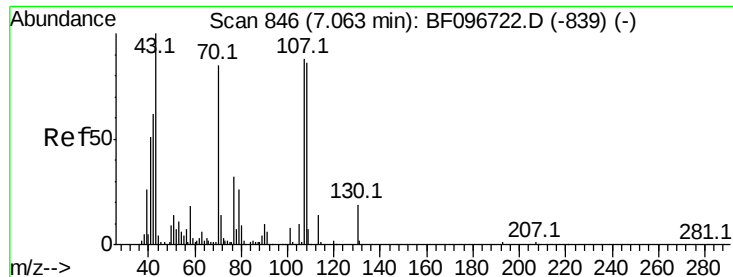


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

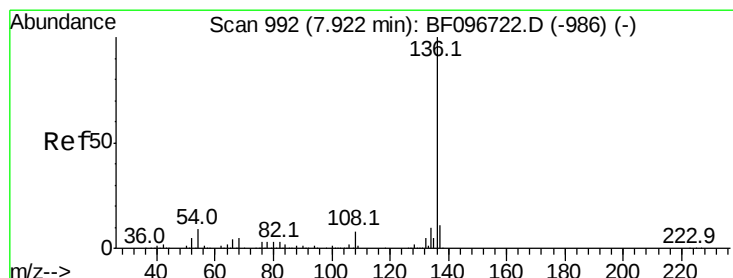
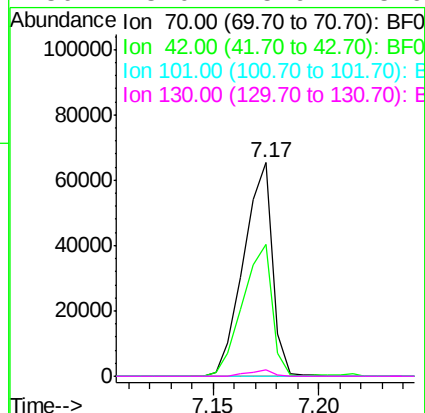
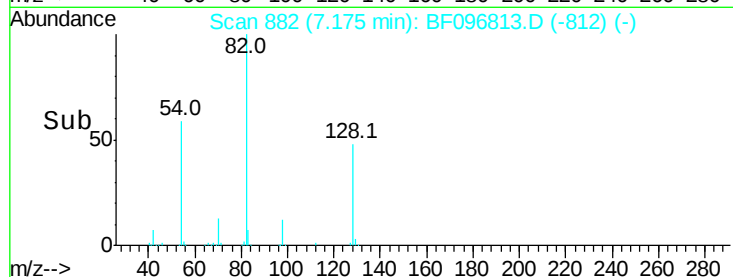
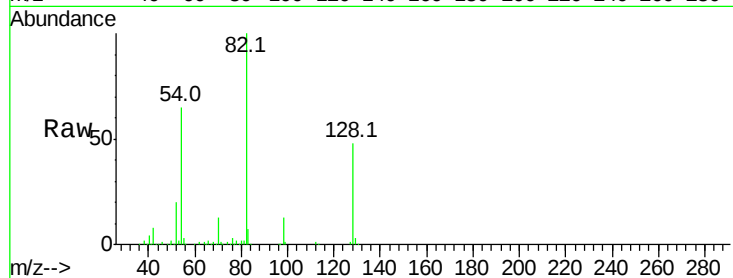




#19
n-Nitroso-di-n-propylamine
Concen: 12.436 ng
RT: 7.17 min Scan# 882
Delta R.T. 0.11 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

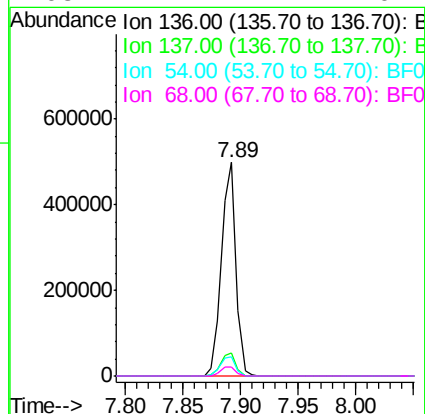
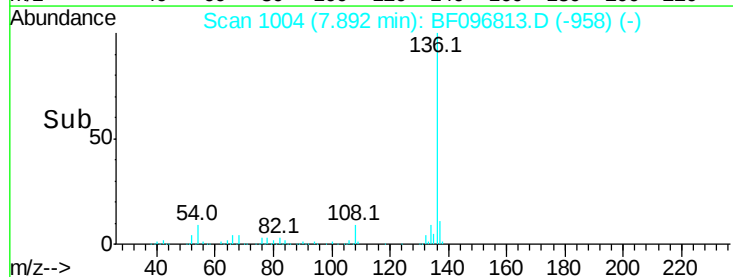
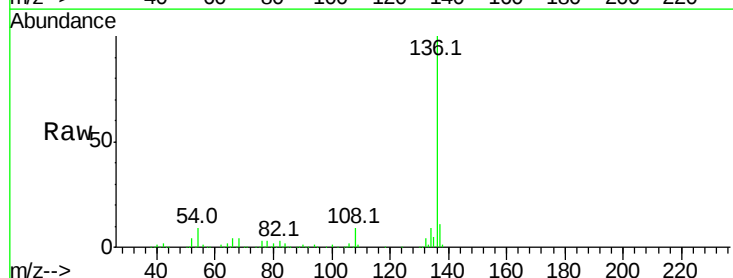
Instrument :
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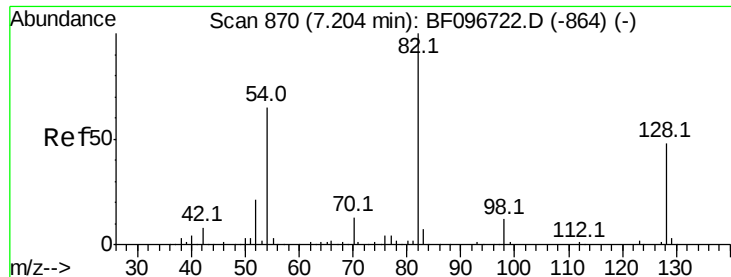
Tot Ion: 70 Resp: 62033
Ion Ratio Lower Upper
70 100
42 61.9 47.2 70.8
101 0.0 7.2 10.8#
130 3.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Tgt Ion:136 Resp: 433355
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 8.8 4.9 7.3#
68 4.4 4.1 6.1

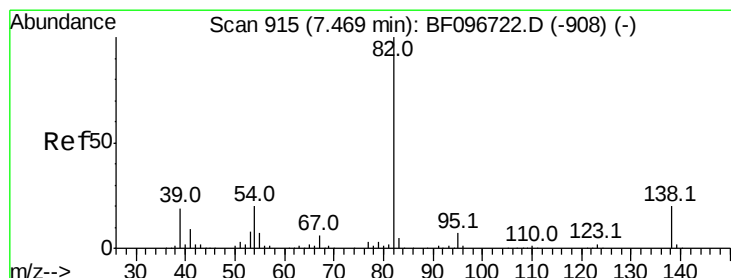
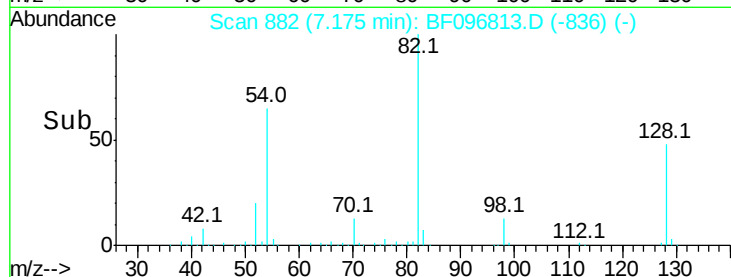
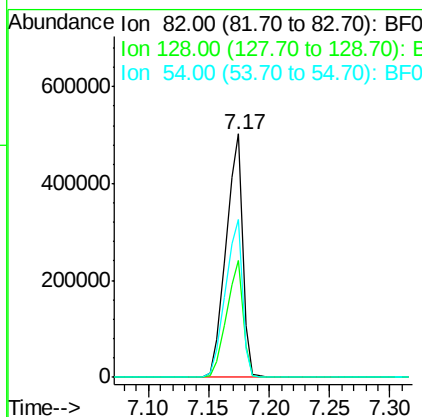
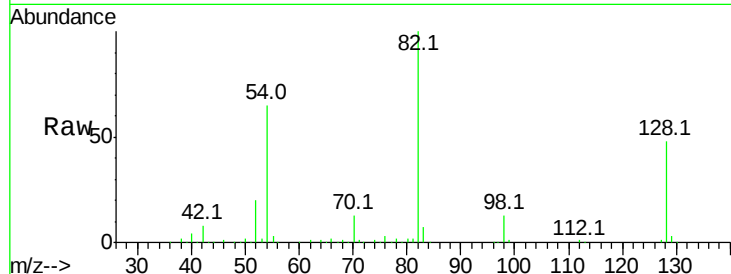




#23
Nitrobenzene-d5
Concen: 68.520 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

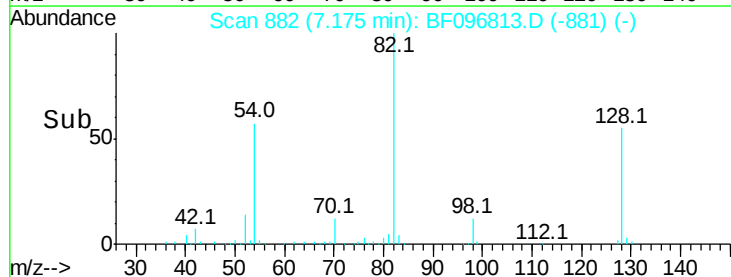
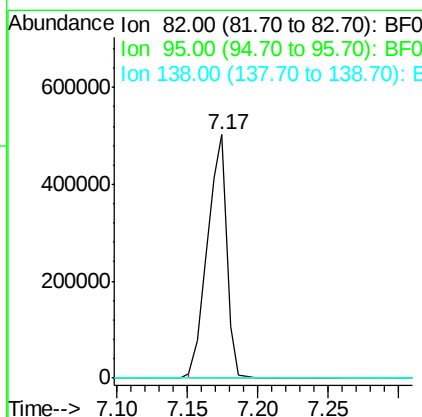
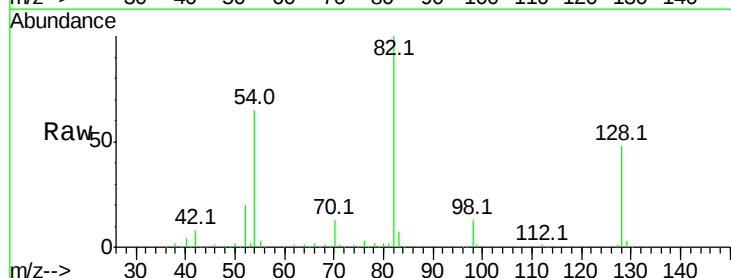
Instrument :
BNA_F
ClientSampleId :
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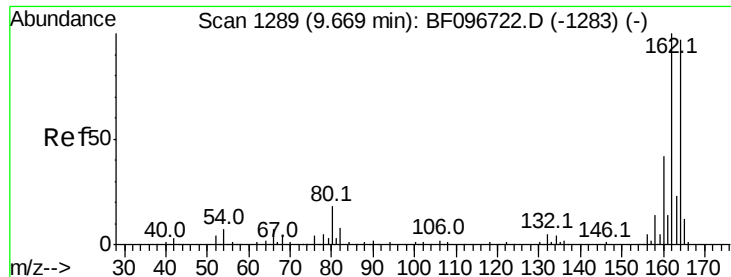
Tot Ion: 82 Resp: 479382
Ion Ratio Lower Upper
82 100
128 48.0 34.0 51.0
54 64.8 42.2 63.2#



#25
Isophorone
Concen: 36.560 ng
RT: 7.17 min Scan# 882
Delta R.T. -0.29 min
Lab File: BF096813.D
Acq: 17 Jul 2017 12:24

Tgt Ion: 82 Resp: 475823
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

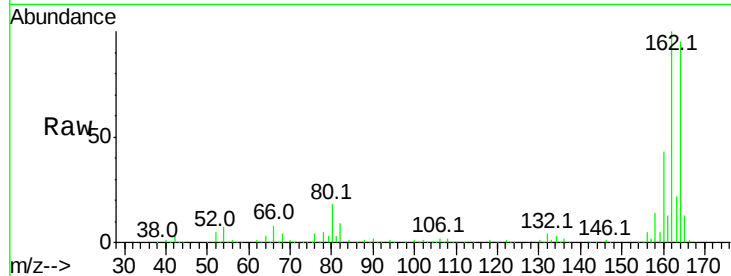




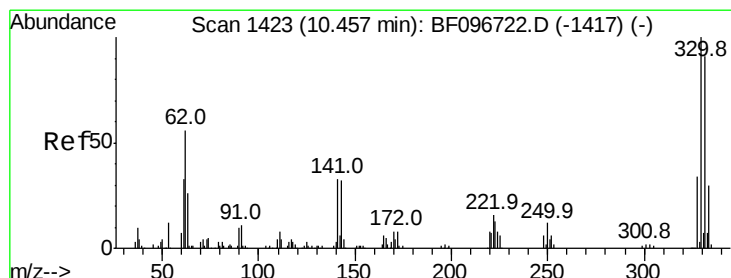
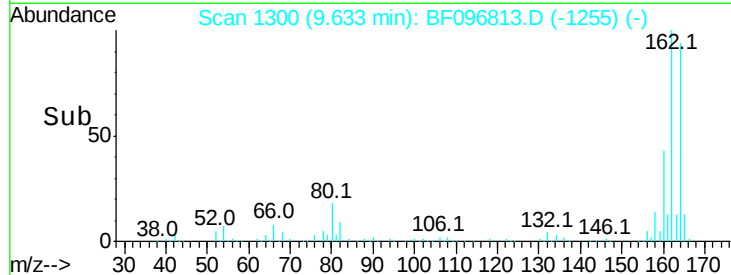
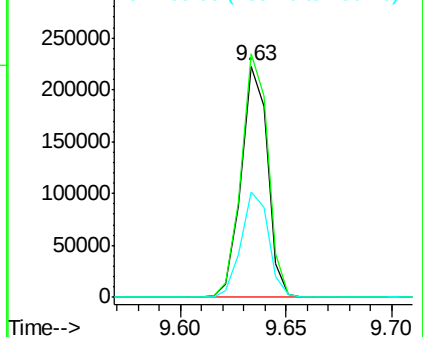
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1300
 Delta R.T. -0.04 min
 Lab File: BF096813.D
 Acq: 17 Jul 2017 12:24

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-GAS-SIDEWALL

Tot Ion:164 Resp: 192623
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 45.7 36.2 54.2

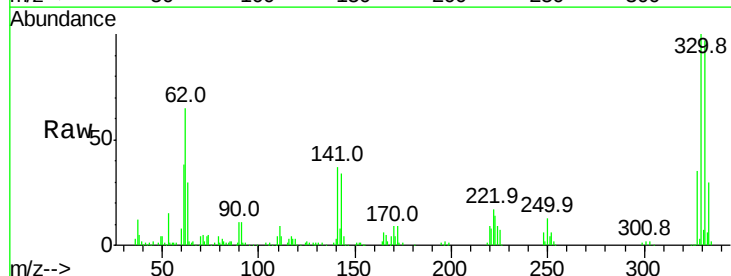


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

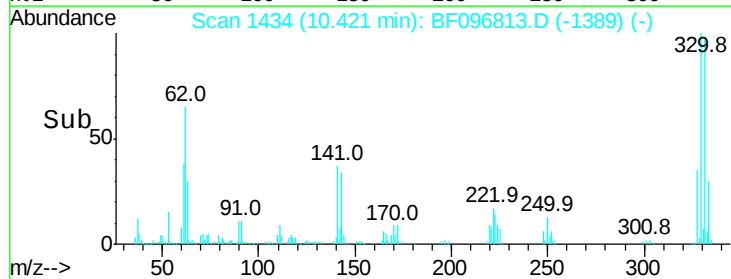
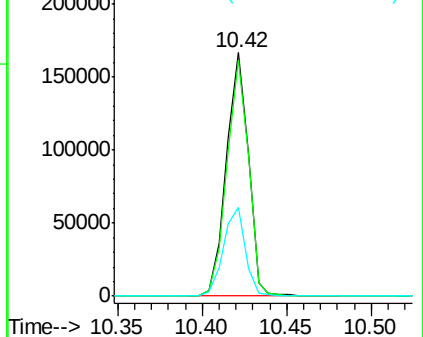


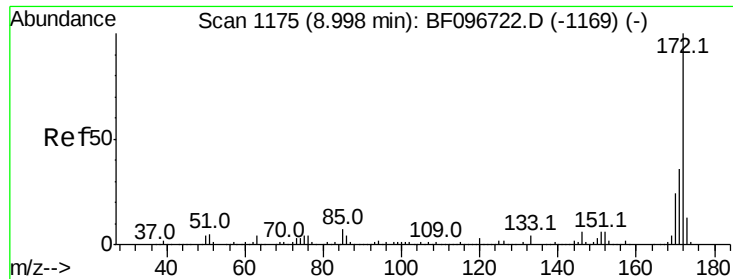
#41
 2,4,6-Tribromophenol
 Concen: 91.438 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.04 min
 Lab File: BF096813.D
 Acq: 17 Jul 2017 12:24

Tgt Ion:330 Resp: 150342
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 36.6 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

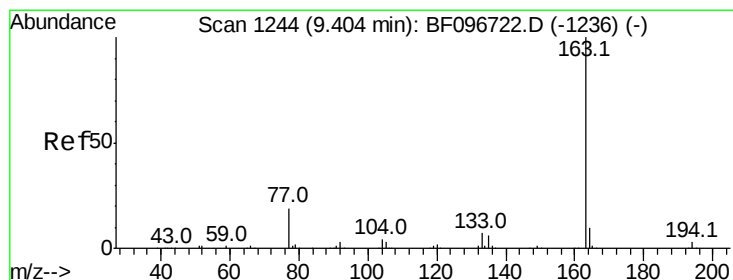
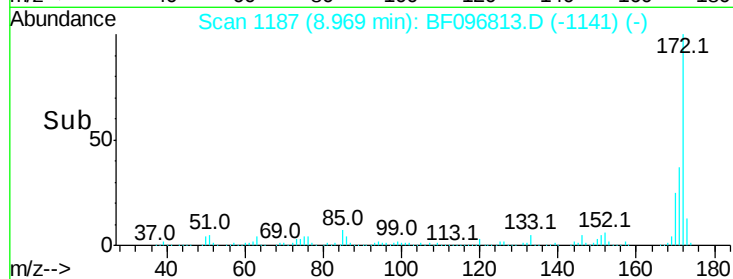
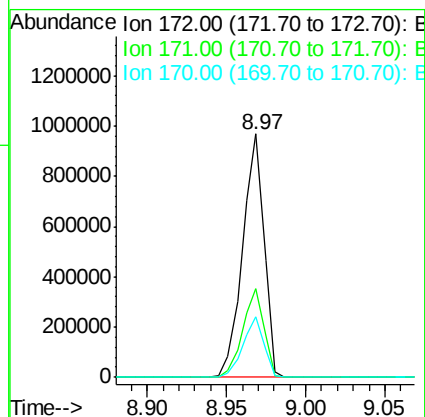
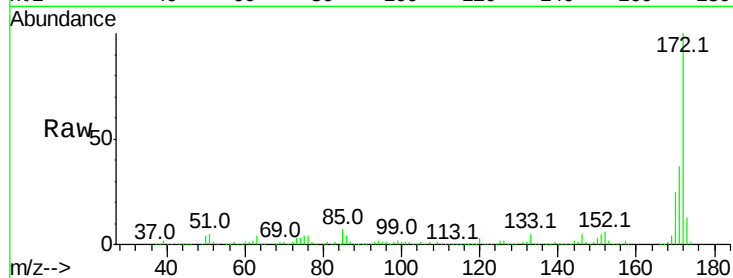




#44
 2-Fluorobiphenyl
 Concen: 74.200 ng
 RT: 8.97 min Scan# 1187
 Delta R.T. -0.03 min
 Lab File: BF096813.D
 Acq: 17 Jul 2017 12:24

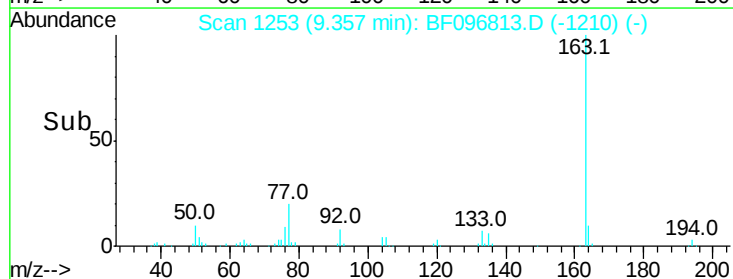
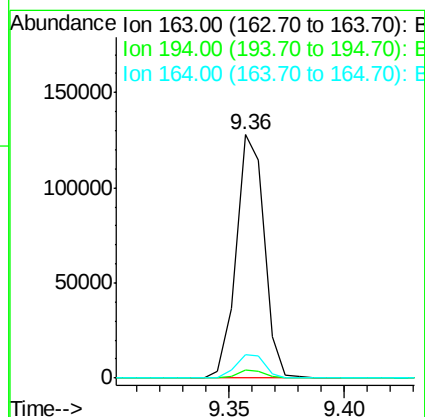
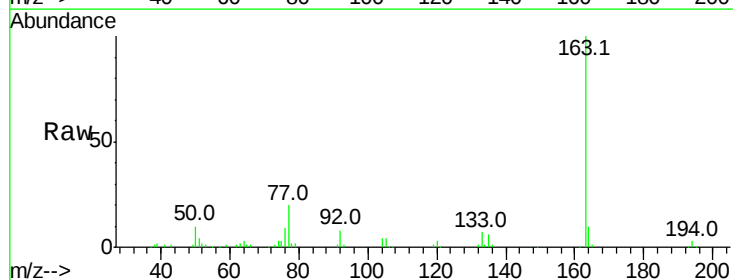
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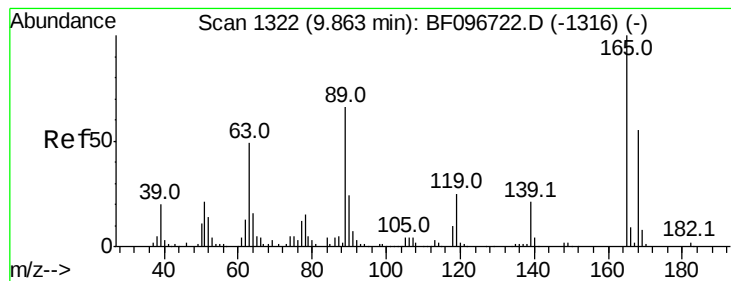
Tot Ion:172 Resp: 904641
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.8 19.8 29.8



#49
 Dimethylphthalate
 Concen: 7.460 ng
 RT: 9.36 min Scan# 1253
 Delta R.T. -0.05 min
 Lab File: BF096813.D
 Acq: 17 Jul 2017 12:24

Tgt Ion:163 Resp: 108193
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 9.5 8.4 12.6





#56

2,4-Dinitrotoluene

Concen: 6.005 ng

RT: 9.63 min Scan# 1300

Delta R.T. -0.23 min

Lab File: BF096813.D

Acq: 17 Jul 2017 12:24

Instrument :

BNA_F

ClientSampleId :

SOUTH-GAS-SIDEWALL

Tot Ion:165 Resp: 24242

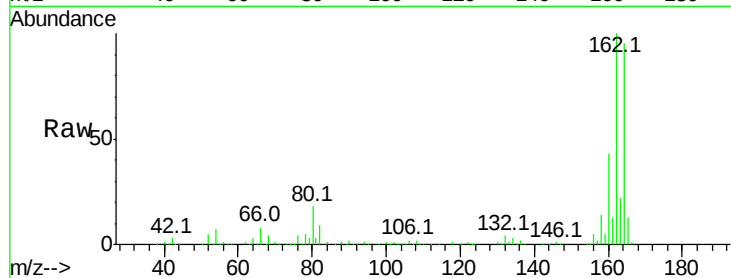
Ion Ratio Lower Upper

165 100

63 1.4 25.4 38.0#

89 1.3 46.4 69.6#

182 0.0 1.8 2.6#

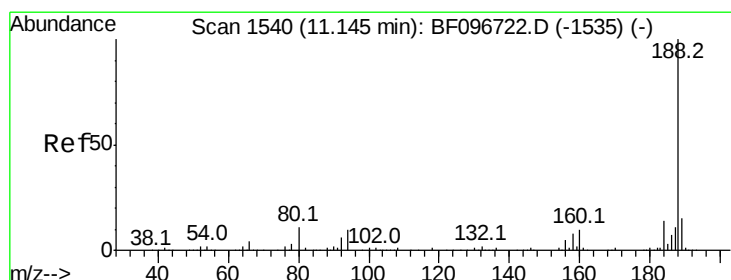
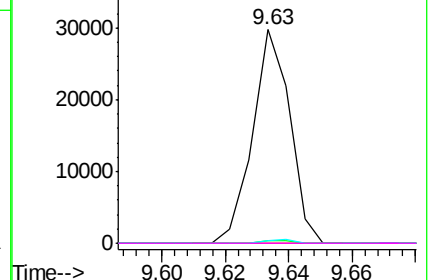
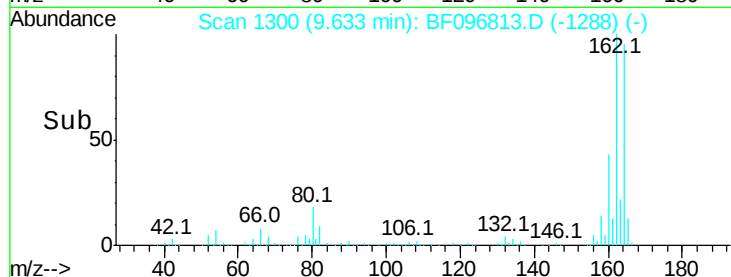


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.000 ng

RT: 11.11 min Scan# 1551

Delta R.T. -0.04 min

Lab File: BF096813.D

Acq: 17 Jul 2017 12:24

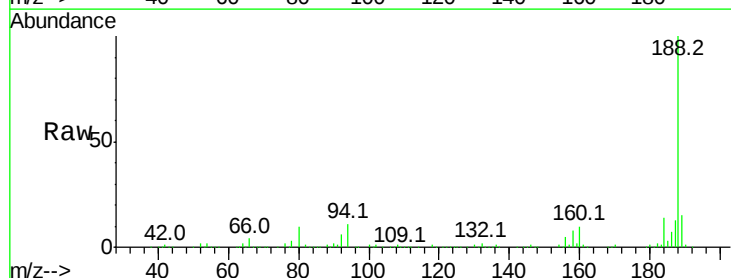
Tgt Ion:188 Resp: 316718

Ion Ratio Lower Upper

188 100

94 10.6 9.4 14.2

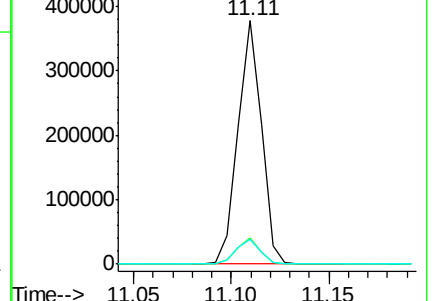
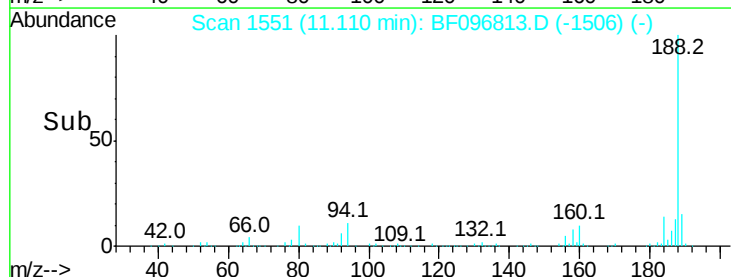
80 10.3 10.2 15.2

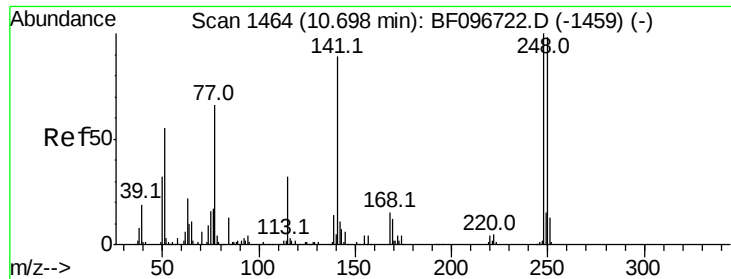


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

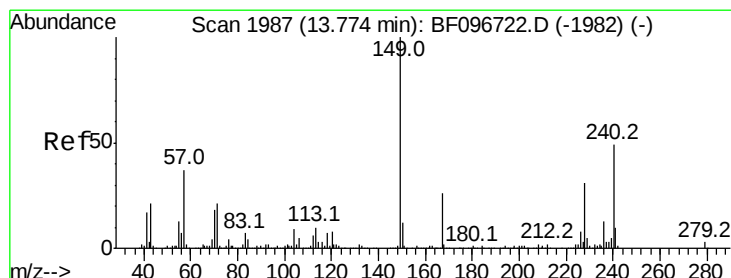
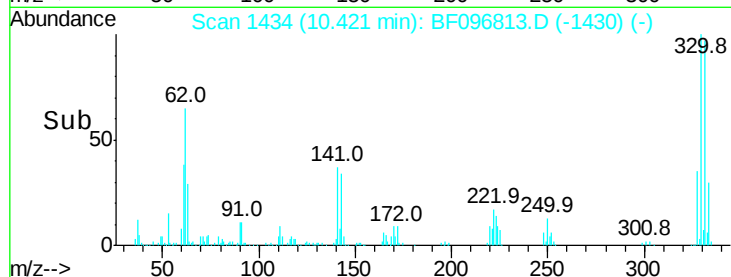
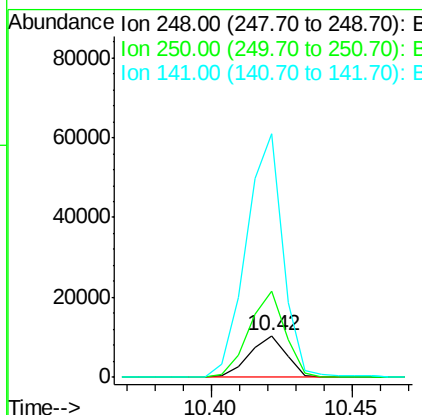
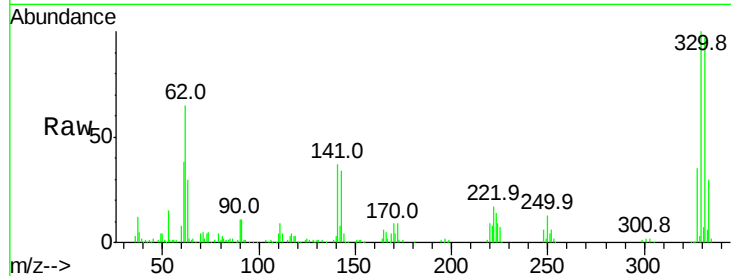




#66
 4-Bromophenyl-phenylether
 Concen: 2.926 ng
 RT: 10.42 min Scan# 1434
 Delta R.T. -0.28 min
 Lab File: BF096813.D
 Acq: 17 Jul 2017 12:24

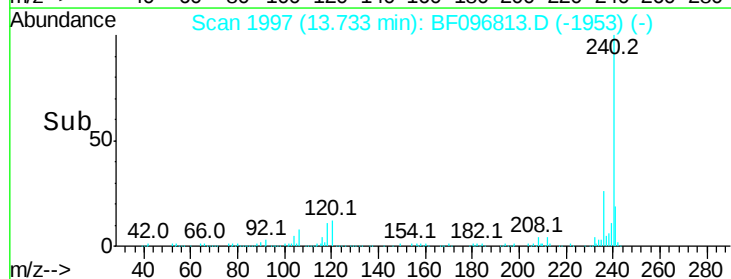
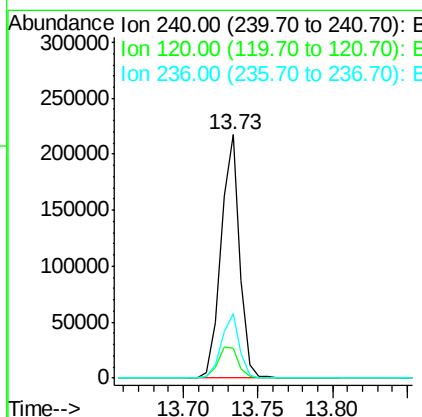
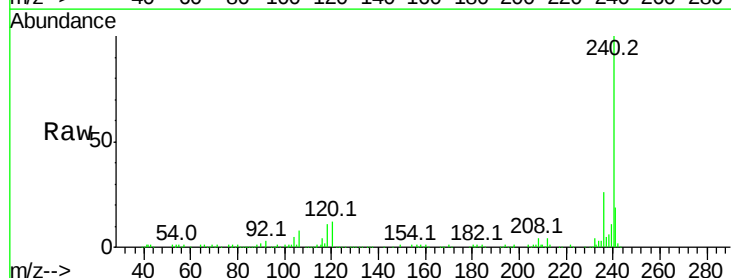
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-GAS-SIDEWALL

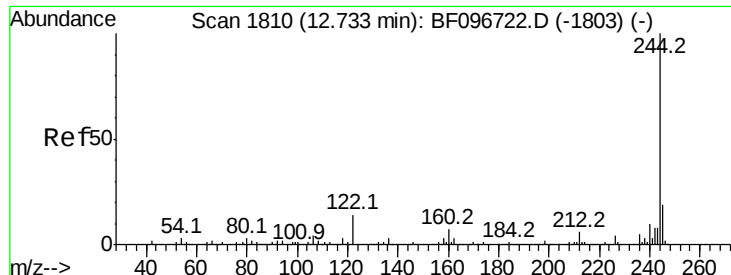
Tot Ion:248 Resp: 9462
 Ion Ratio Lower Upper
 248 100
 250 207.4 76.8 115.2#
 141 585.5 68.6 103.0#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.73 min Scan# 1997
 Delta R.T. -0.04 min
 Lab File: BF096813.D
 Acq: 17 Jul 2017 12:24

Tgt Ion:240 Resp: 190460
 Ion Ratio Lower Upper
 240 100
 120 12.4 5.8 8.8#
 236 26.5 20.5 30.7





#78

Terphenyl-d14

Concen: 56.469 ng

RT: 12.70 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BF096813.D

Acq: 17 Jul 2017 12:24

Instrument :

BNA_F

ClientSampleId :

SOUTH-GAS-SIDEWALL

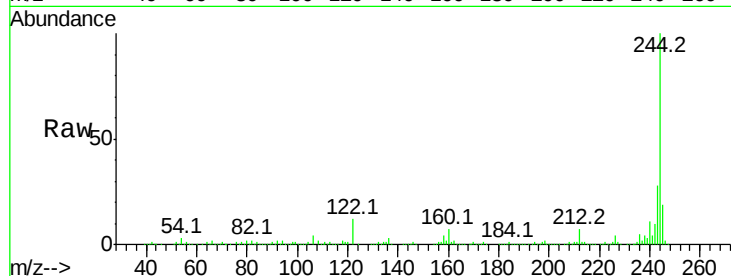
Tot Ion:244 Resp: 620155

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

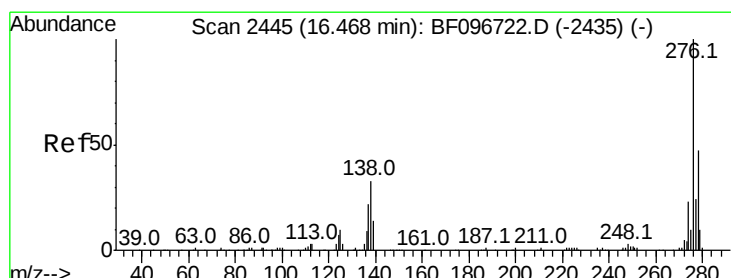
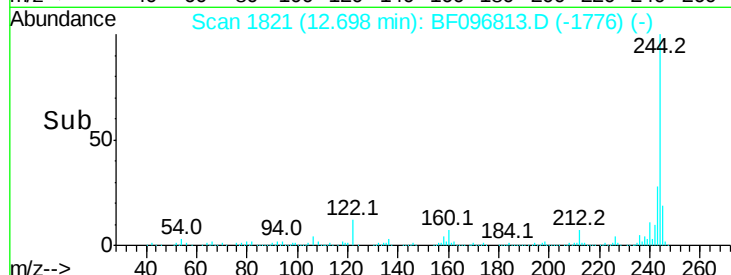
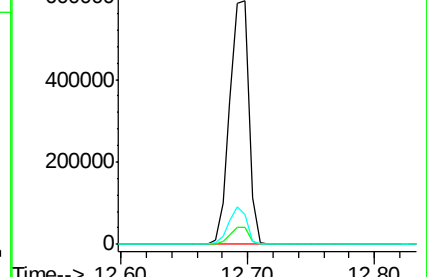
122 12.3 10.3 15.5



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: 3.459 ng

RT: 16.38 min Scan# 2447

Delta R.T. -0.09 min

Lab File: BF096813.D

Acq: 17 Jul 2017 12:24

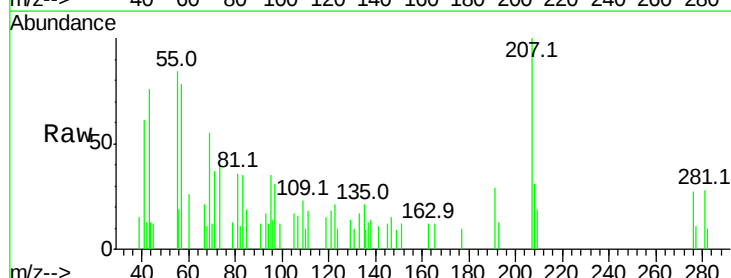
Tgt Ion:276 Resp: 1469

Ion Ratio Lower Upper

276 100

138 38.4 27.8 41.6

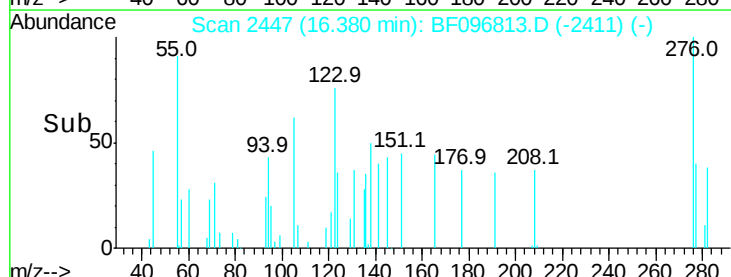
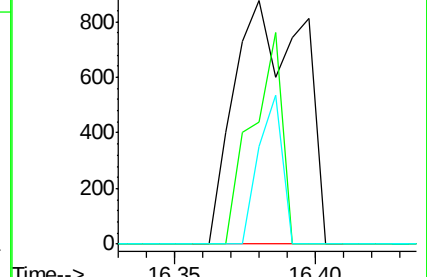
277 21.3 20.2 30.4

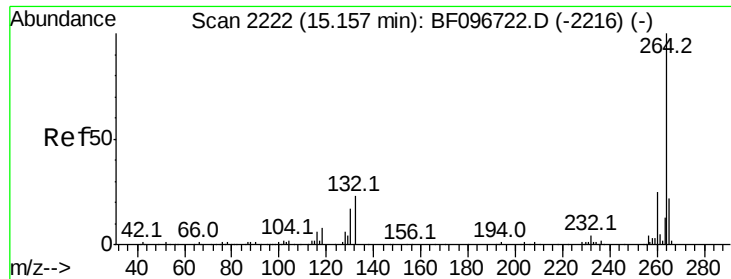


Abundance Ion 276.00 (275.70 to 276.70): E

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. -0.05 min
 Lab File: BF096813.D
 Acq: 17 Jul 2017 12:24

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-GAS-SIDEWALL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.2	17.2	25.8

