

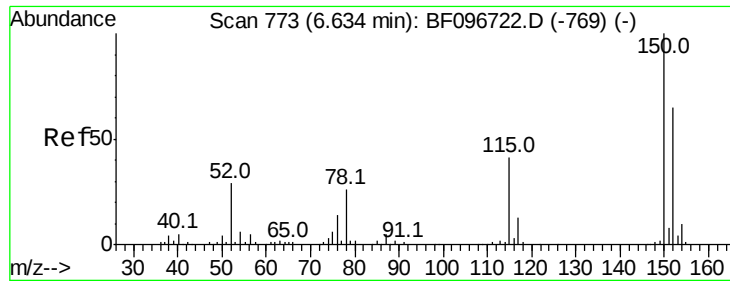
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096812.D
 Acq On : 17 Jul 2017 11:56
 Operator : SJ/JU
 Sample : I4159-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-DIESEL-SIDEWALL

Quant Time: Jul 17 13:01:35 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	104717	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	494515	20.00	ng	-0.04
38) Acenaphthene-d10	9.63	164	221095	20.00	ng	-0.04
63) Phenanthrene-d10	11.11	188	358312	20.00	ng	-0.04
75) Chrysene-d12	13.73	240	224994	20.00	ng	-0.04
86) Perylene-d12	15.10	264	208612	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	634531	91.11	ng	-0.01
7) Phenol-d6	6.26	99	775599	92.80	ng	-0.02
23) Nitrobenzene-d5	7.17	82	459866	57.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.42	330	155320	82.30	ng	-0.04
44) 2-Fluorobiphenyl	8.97	172	848430	60.63	ng	-0.03
78) Terphenyl-d14	12.69	244	639561	49.30	ng	-0.04
Target Compounds						
10) Phenol	6.27	94	25399	2.688	ng	94
19) n-Nitroso-di-n-propylamine	7.17	70	61379	12.190	ng	# 87
25) Isophorone	7.17	82	454692	30.615	ng	# 67
49) Dimethylphthalate	9.36	163	133064	7.993	ng	100
56) 2,4-Dinitrotoluene	9.63	165	27551	5.946	ng	# 33
66) 4-Bromophenyl-phenylether	10.42	248	9976	2.727	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.39	276	1430	3.436	ng	# 89

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

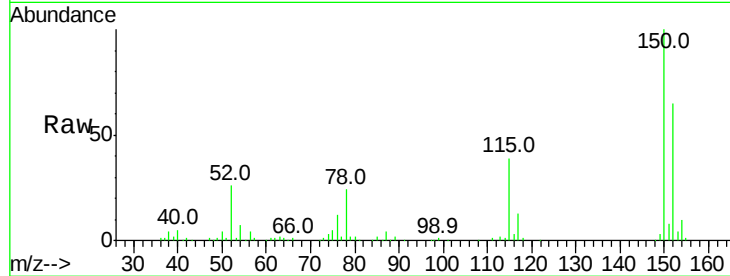


#1

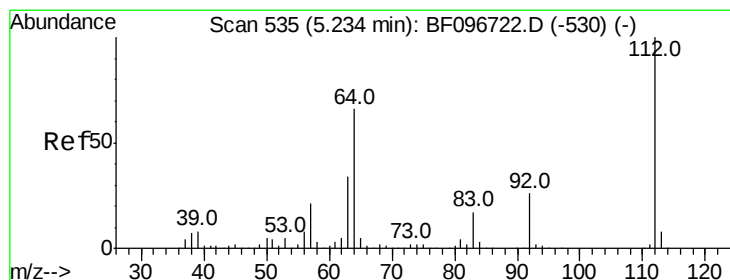
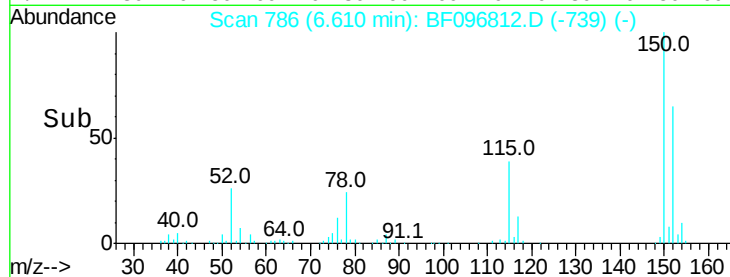
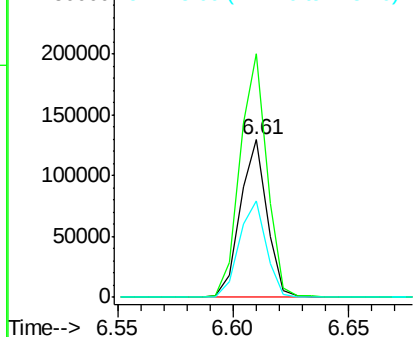
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF096812.D
Acq: 17 Jul 2017 11:56

Instrument :
BNA_F
ClientSampleId :
SOUTH-DIESEL-SIDEWALL

Tot Ion:152 Resp: 104717
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 60.9 52.2 78.2



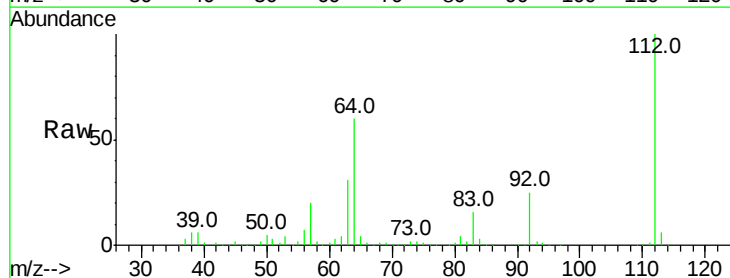
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



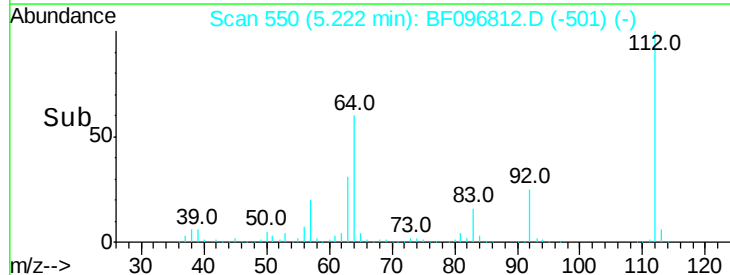
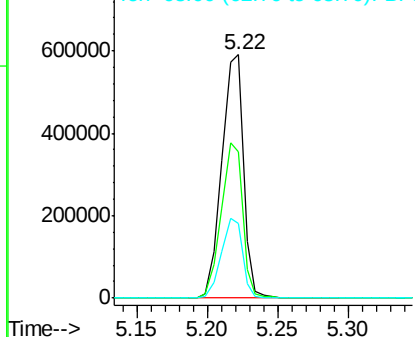
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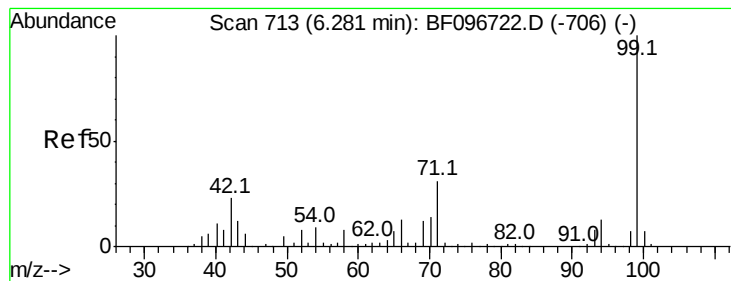
2-Fluorophenol
Concen: 91.109 ng
RT: 5.22 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF096812.D
Acq: 17 Jul 2017 11:56

Tgt Ion:112 Resp: 634531
Ion Ratio Lower Upper
112 100
64 60.2 46.0 69.0
63 30.6 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: 92.802 ng

RT: 6.26 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF096812.D

Acq: 17 Jul 2017 11:56

Instrument :

BNA_F

ClientSampleId :

SOUTH-DIESEL-SIDEWALL

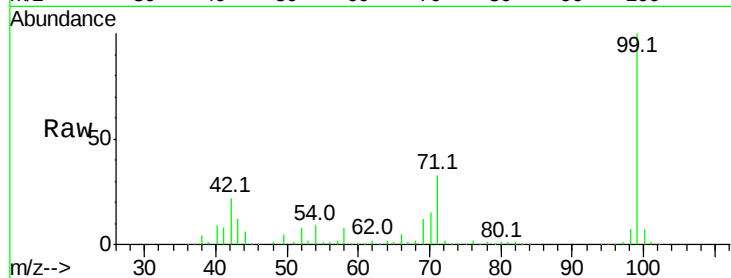
Tot Ion: 99 Resp: 775599

Ion Ratio Lower Upper

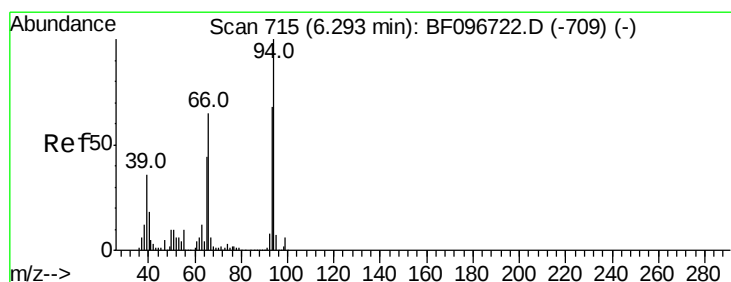
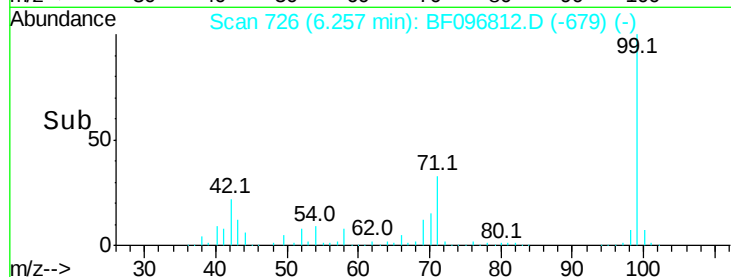
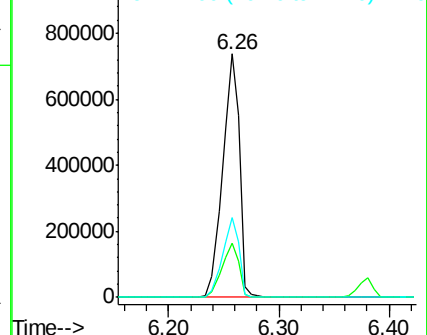
99 100

42 22.3 13.5 20.3#

71 32.5 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: 2.688 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF096812.D

Acq: 17 Jul 2017 11:56

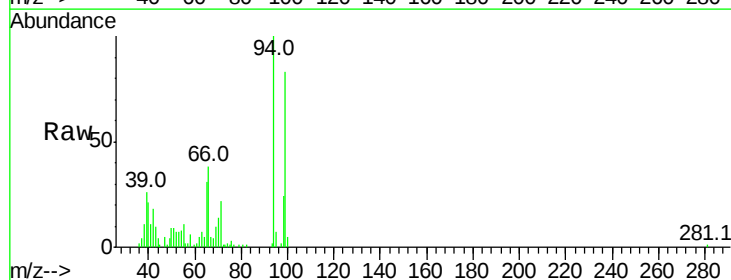
Tgt Ion: 94 Resp: 25399

Ion Ratio Lower Upper

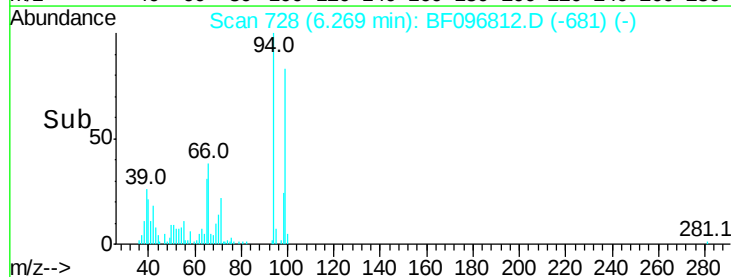
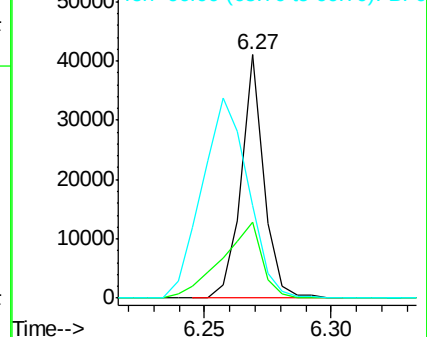
94 100

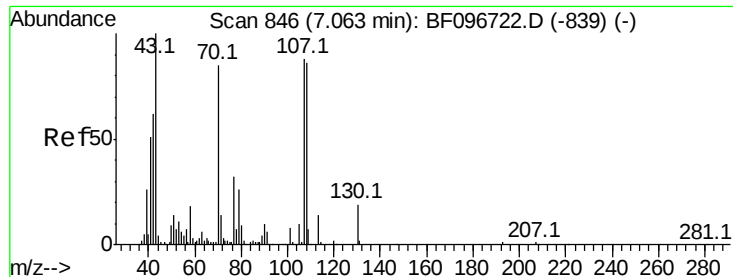
65 31.0 9.9 49.9

66 37.8 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

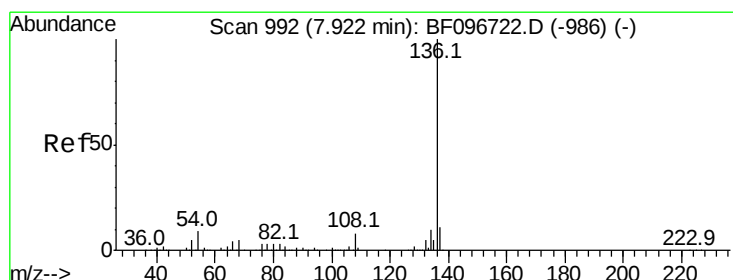
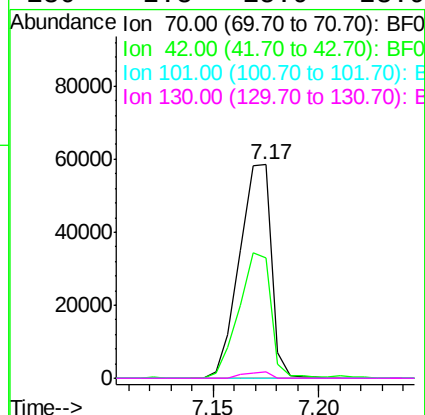
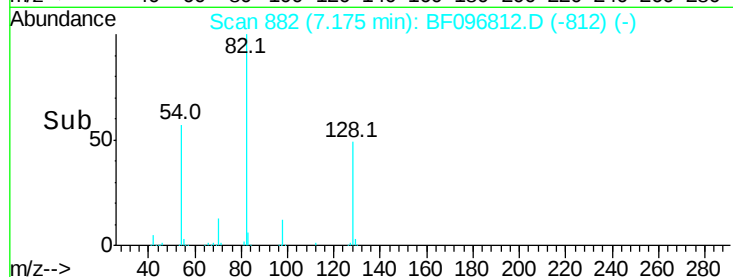
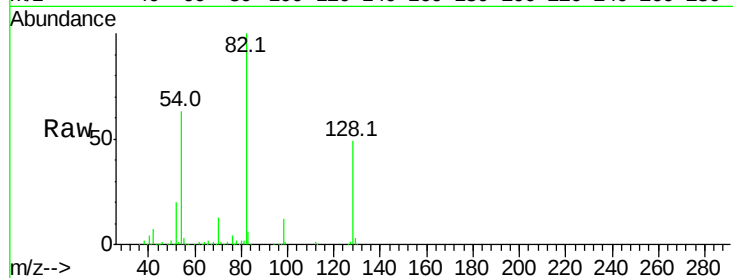




#19
n-Nitroso-di-n-propylamine
Concen: 12.190 ng
RT: 7.17 min Scan# 882
Delta R.T. 0.11 min
Lab File: BF096812.D
Acq: 17 Jul 2017 11:56

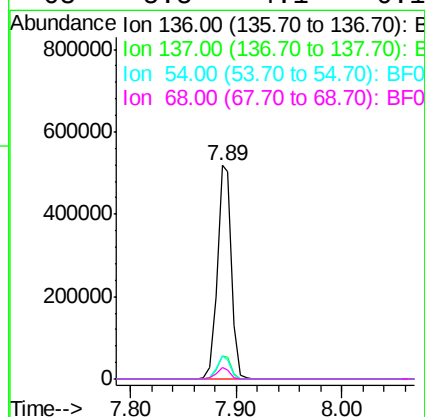
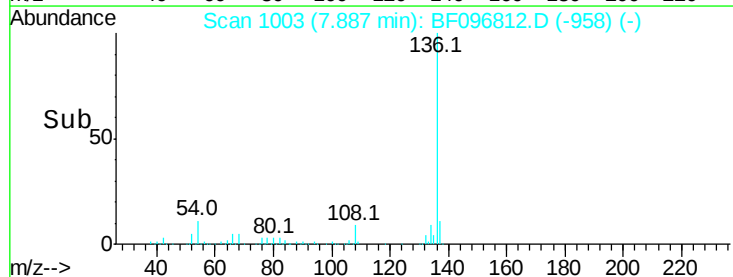
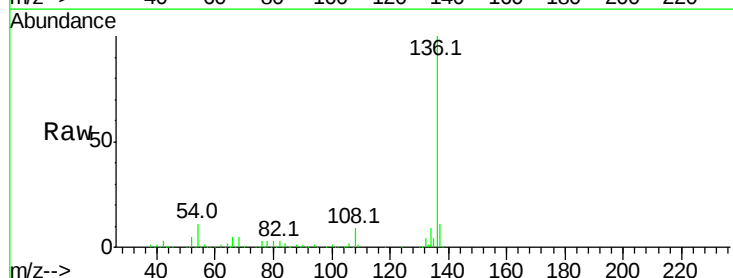
Instrument :
BNA_F
ClientSampleId :
SOUTH-DIESEL-SIDEWALL

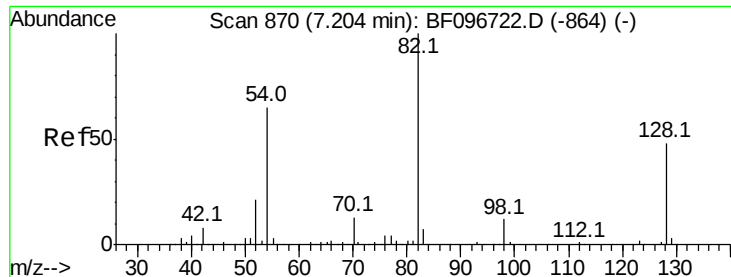
Tot Ion: 70 Resp: 61379
Ion Ratio Lower Upper
70 100
42 56.2 47.2 70.8
101 0.0 7.2 10.8#
130 2.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1003
Delta R.T. -0.04 min
Lab File: BF096812.D
Acq: 17 Jul 2017 11:56

Tgt Ion:136 Resp: 494515
Ion Ratio Lower Upper
136 100
137 11.1 8.5 12.7
54 10.8 4.9 7.3#
68 5.5 4.1 6.1

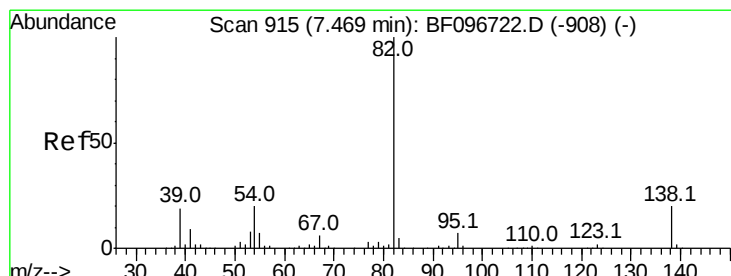
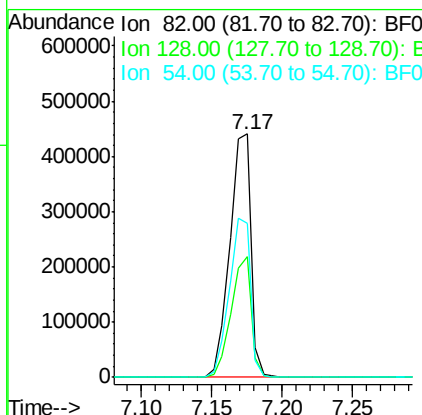
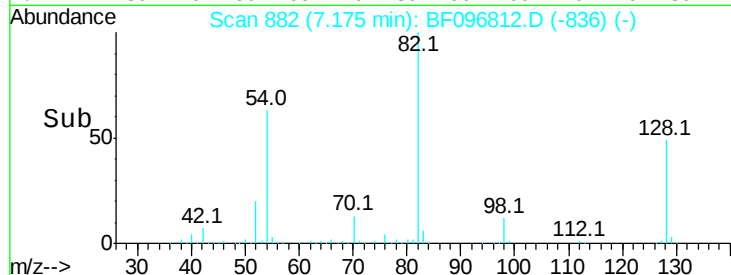
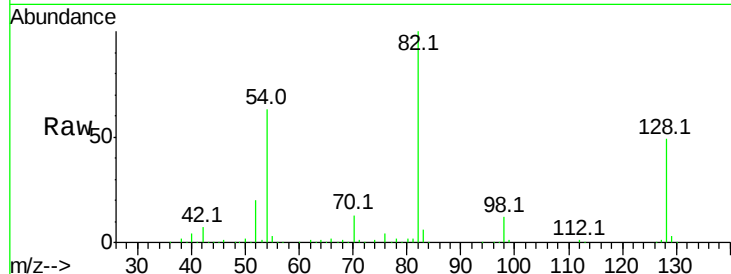




#23
 Nitrobenzene-d5
 Concen: 57.601 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.03 min
 Lab File: BF096812.D
 Acq: 17 Jul 2017 11:56

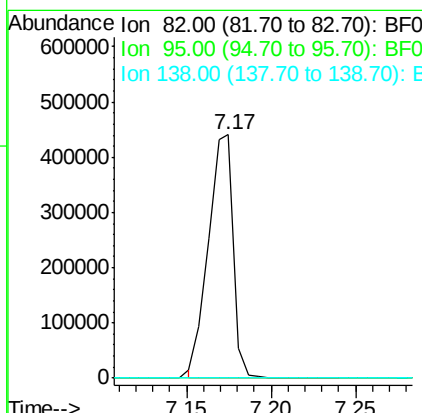
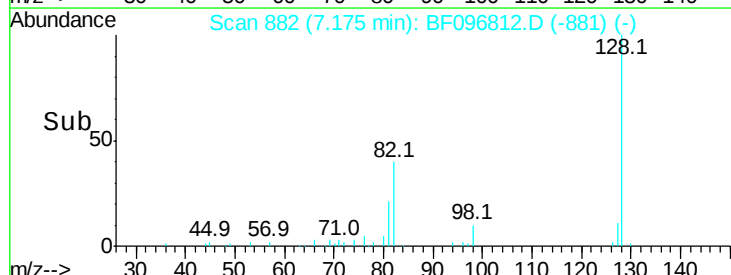
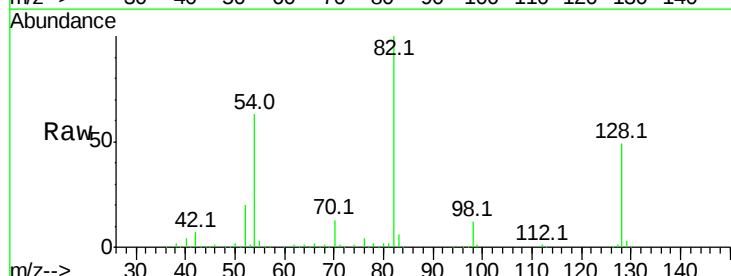
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-DIESEL-SIDEWALL

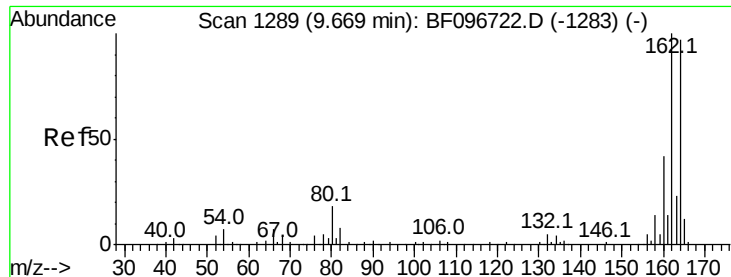
Tot Ion: 82 Resp: 459866
 Ion Ratio Lower Upper
 82 100
 128 49.4 34.0 51.0
 54 63.2 42.2 63.2#



#25
 Isophorone
 Concen: 30.615 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.29 min
 Lab File: BF096812.D
 Acq: 17 Jul 2017 11:56

Tgt Ion: 82 Resp: 454692
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

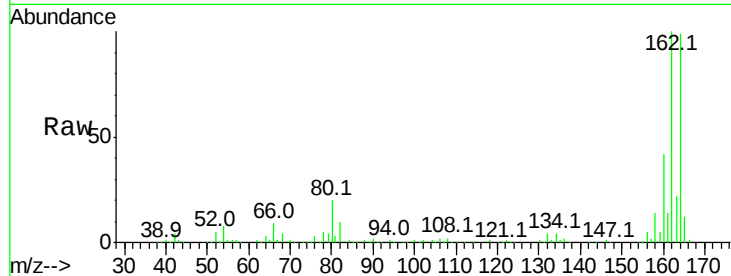




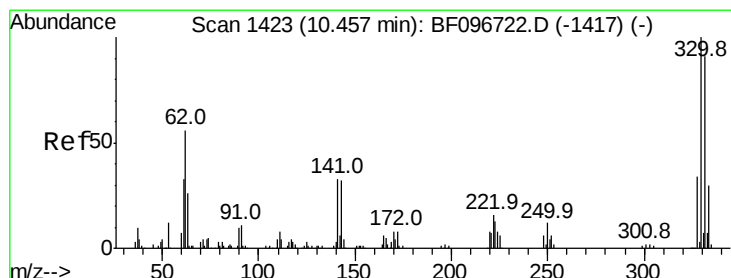
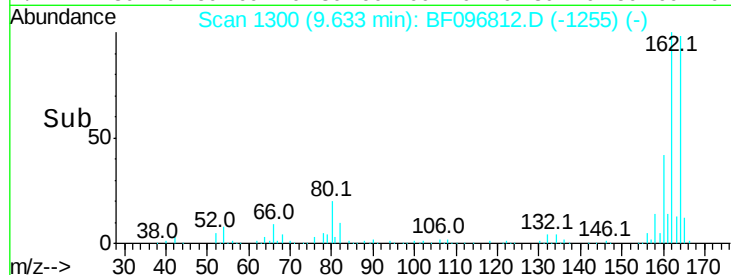
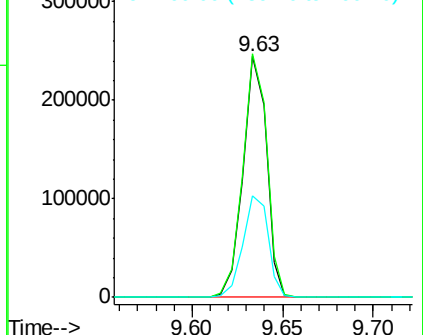
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.63 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BF096812.D
Acq: 17 Jul 2017 11:56

Instrument :
BNA_F
ClientSampleId :
SOUTH-DIESEL-SIDEWALL

Tot Ion:164 Resp: 221095
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 42.2 36.2 54.2

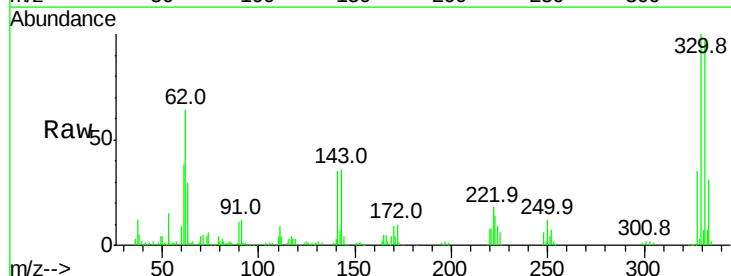


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

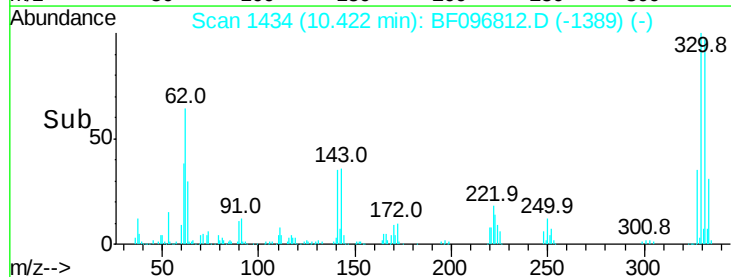
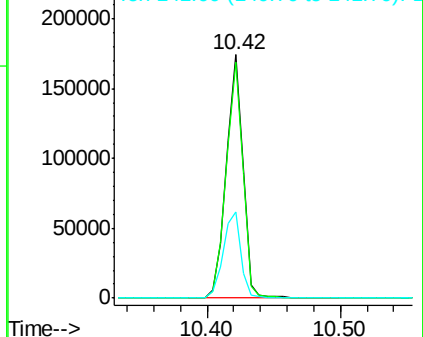


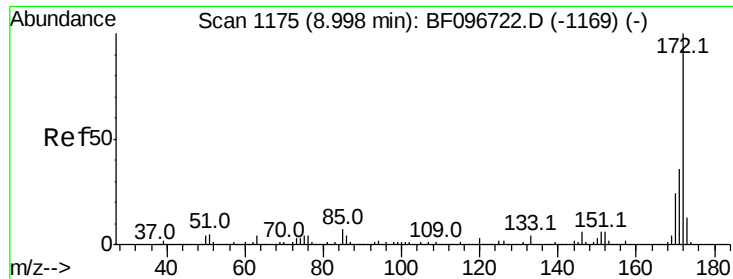
#41
2,4,6-Tribromophenol
Concen: 82.300 ng
RT: 10.42 min Scan# 1434
Delta R.T. -0.04 min
Lab File: BF096812.D
Acq: 17 Jul 2017 11:56

Tgt Ion:330 Resp: 155320
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 37.5 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

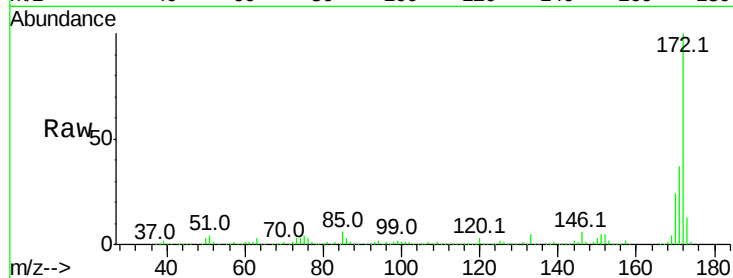




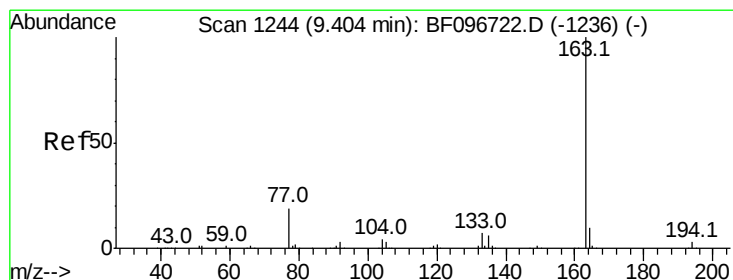
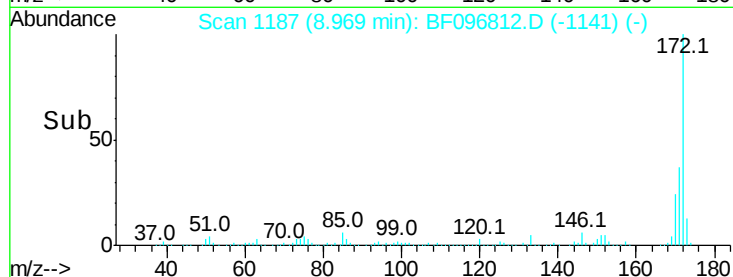
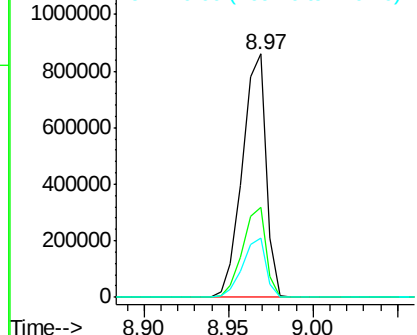
#44
2-Fluorobiphenyl
Concen: 60.628 ng
RT: 8.97 min Scan# 1187
Delta R.T. -0.03 min
Lab File: BF096812.D
Acq: 17 Jul 2017 11:56

Instrument :
BNA_F
ClientSampleId :
SOUTH-DIESEL-SIDEWALL

Tot Ion:172 Resp: 848430
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.2 19.8 29.8

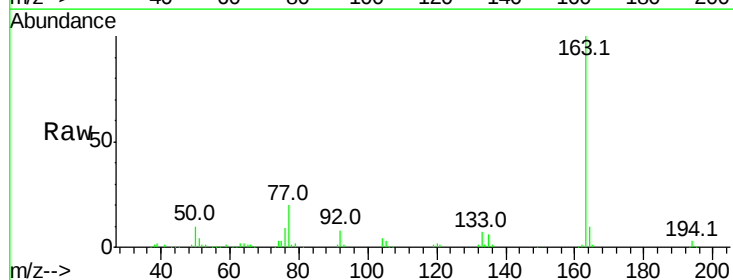


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

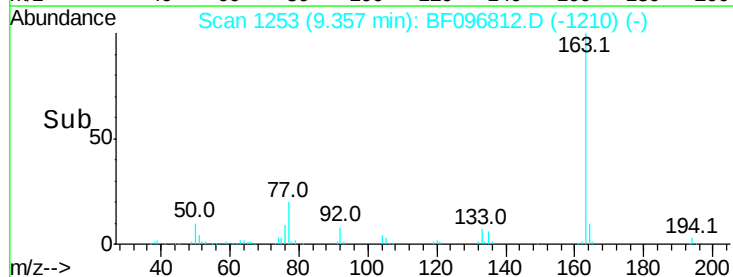
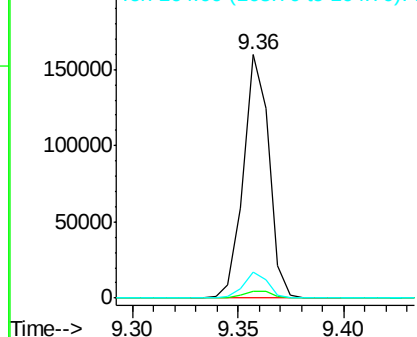


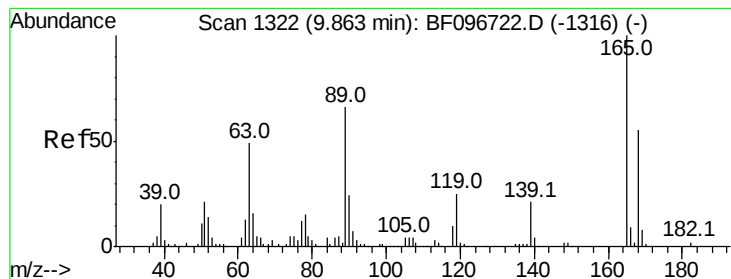
#49
Dimethylphthalate
Concen: 7.993 ng
RT: 9.36 min Scan# 1253
Delta R.T. -0.05 min
Lab File: BF096812.D
Acq: 17 Jul 2017 11:56

Tgt Ion:163 Resp: 133064
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.5 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

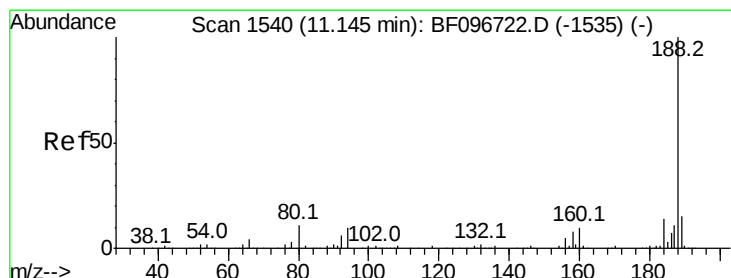
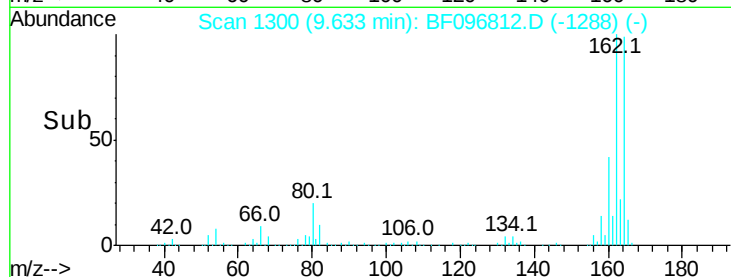
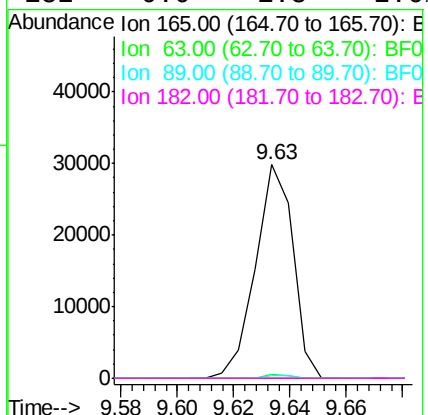
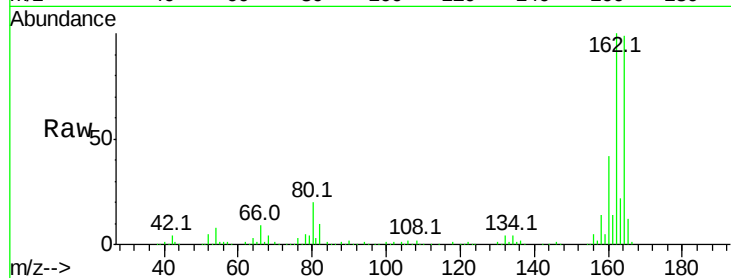




#56
 2,4-Dinitrotoluene
 Concen: 5.946 ng
 RT: 9.63 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF096812.D
 Acq: 17 Jul 2017 11:56

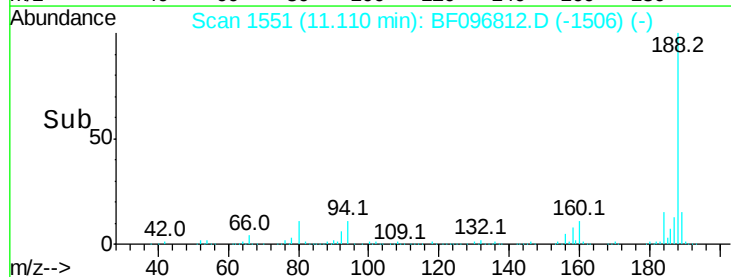
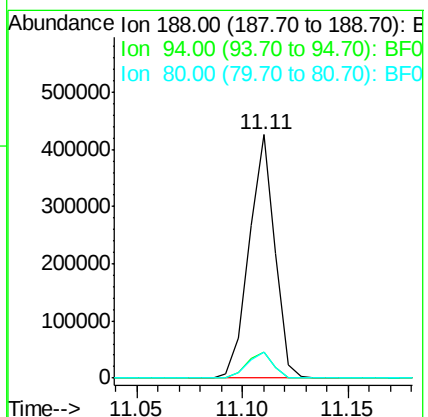
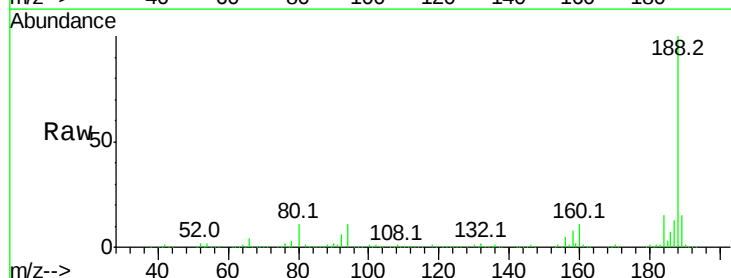
Instrument :
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 SOUTH-DIESEL-SIDEWALL

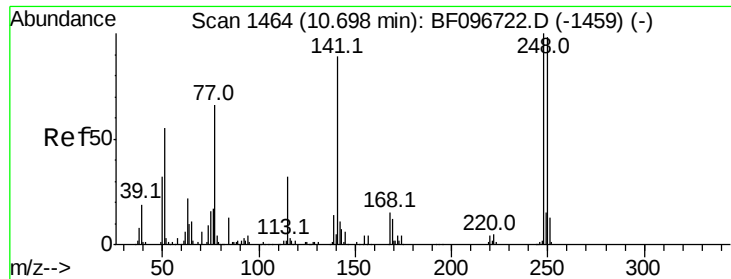
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	1.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.11 min Scan# 1551
 Delta R.T. -0.04 min
 Lab File: BF096812.D
 Acq: 17 Jul 2017 11:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	10.9	10.2	15.2

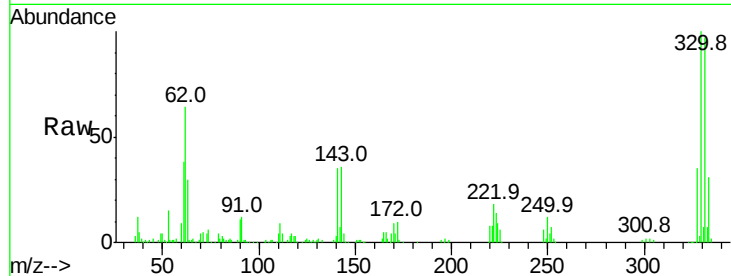




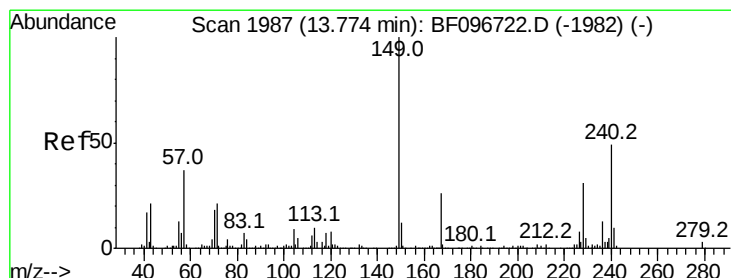
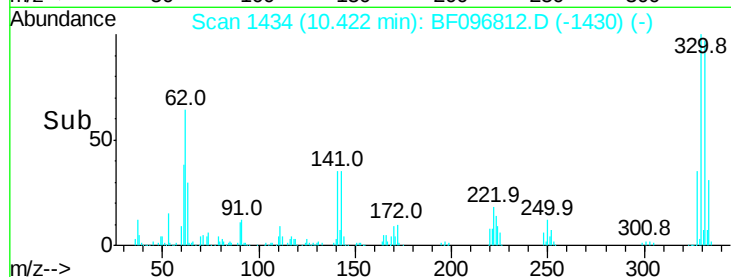
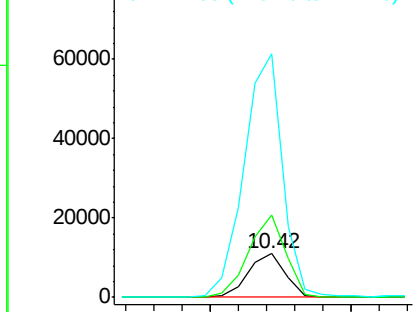
#66
4-Bromophenyl-phenylether
Concen: 2.727 ng
RT: 10.42 min Scan# 1434
Delta R.T. -0.28 min
Lab File: BF096812.D
Acq: 17 Jul 2017 11:56

Instrument :
BNA_F
ClientSampleId :
SOUTH-DIESEL-SIDEWALL

Tot Ion:248 Resp: 9976
Ion Ratio Lower Upper
248 100
250 189.5 76.8 115.2#
141 556.7 68.6 103.0#

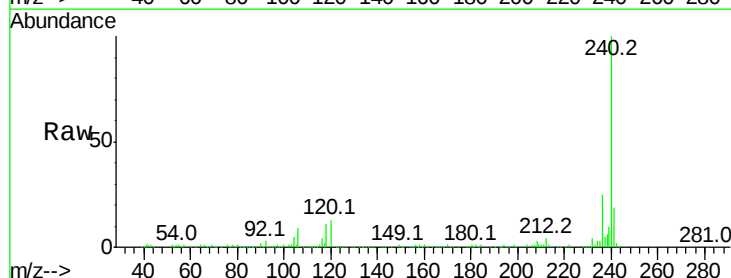


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

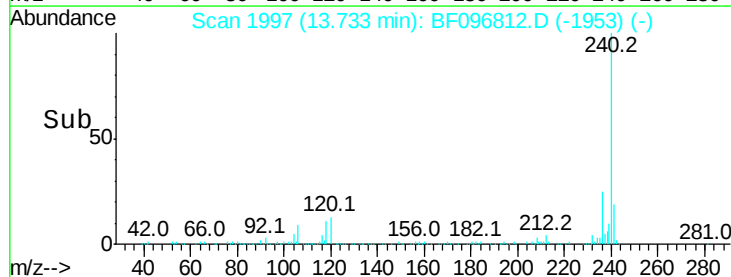
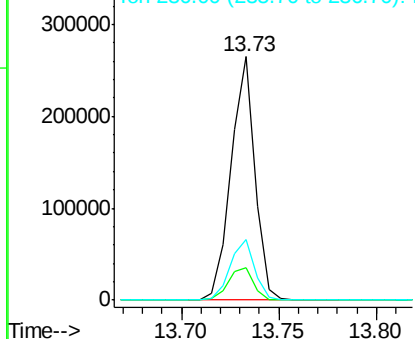


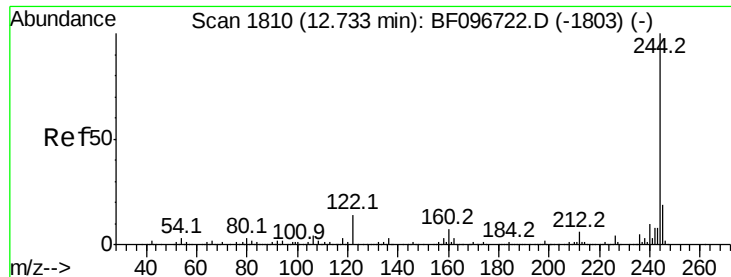
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BF096812.D
Acq: 17 Jul 2017 11:56

Tgt Ion:240 Resp: 224994
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 24.8 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

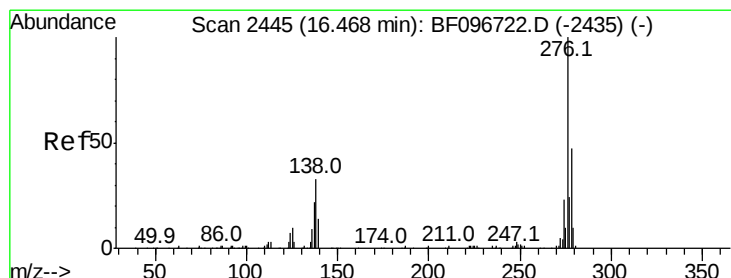
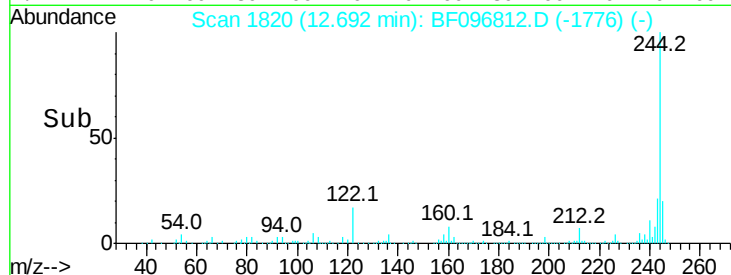
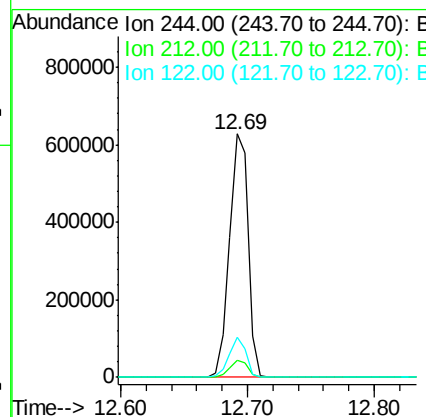
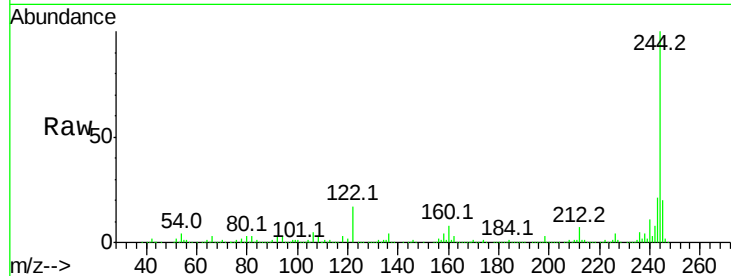




#78
 Terphenyl-d14
 Concen: 49.298 ng
 RT: 12.69 min Scan# 1820
 Delta R.T. -0.04 min
 Lab File: BF096812.D
 Acq: 17 Jul 2017 11:56

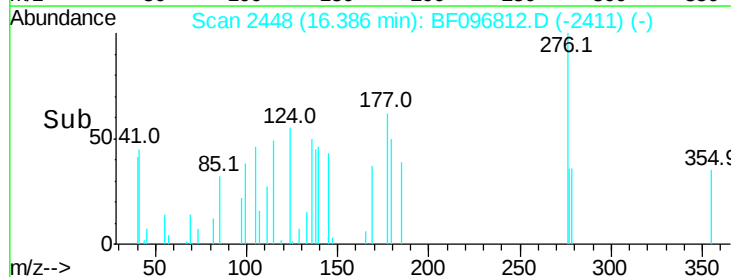
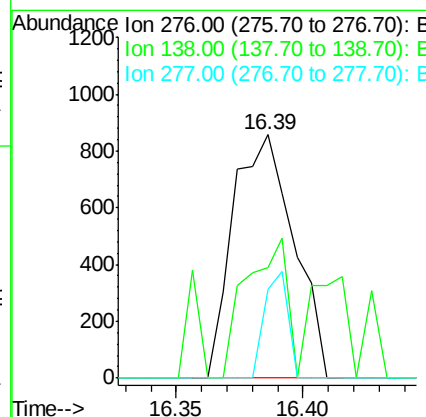
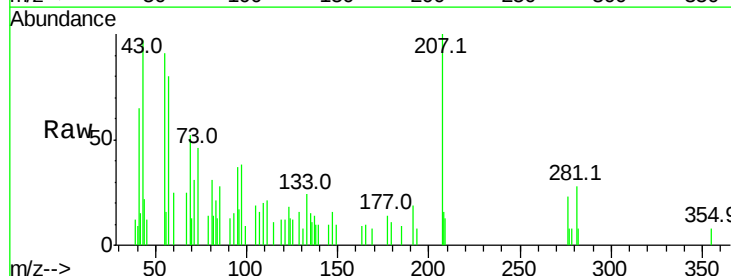
Instrument :
 BNA_F
 ClientSampleId :
 SOUTH-DIESEL-SIDEWALL

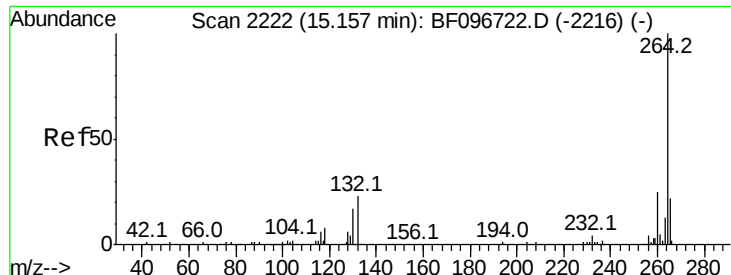
Tot Ion:244 Resp: 639561
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 16.7 10.3 15.5#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.436 ng
 RT: 16.39 min Scan# 2448
 Delta R.T. -0.08 min
 Lab File: BF096812.D
 Acq: 17 Jul 2017 11:56

Tgt Ion:276 Resp: 1430
 Ion Ratio Lower Upper
 276 100
 138 38.9 27.8 41.6
 277 16.9 20.2 30.4#

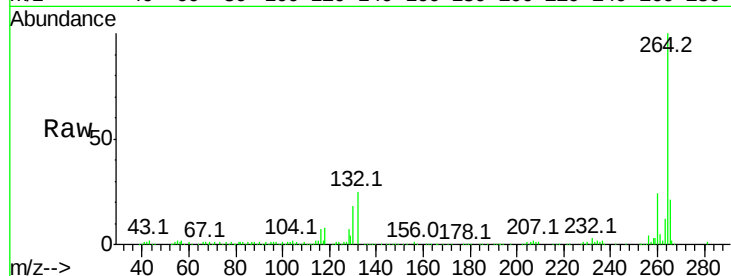




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.10 min Scan# 2230
Delta R.T. -0.05 min
Lab File: BF096812.D
Acq: 17 Jul 2017 11:56

Instrument :
BNA_F
ClientSampleId :
SOUTH-DIESEL-SIDEWALL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.9	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

