

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120215\
 Data File : BG019848.D
 Acq On : 2 Dec 2015 23:52
 Operator : UM/NP
 Sample : G4585-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-16(0-4)

Quant Time: Dec 03 03:02:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

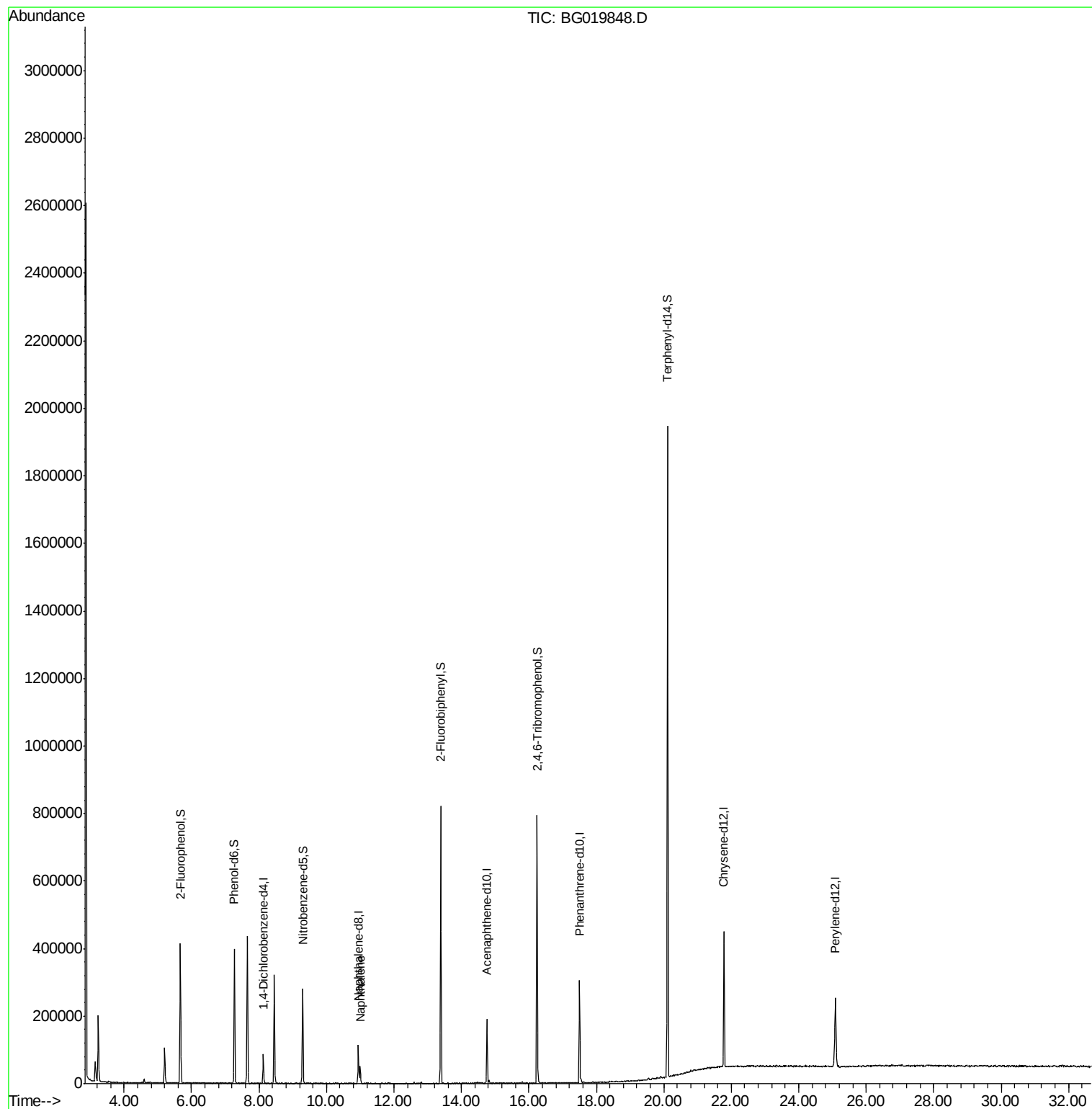
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	22353	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	89144	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	62935	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	185575	20.00	ng	0.00
75) Chrysene-d12	21.78	240	244812	20.00	ng	-0.01
86) Perylene-d12	25.09	264	215880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	156371	126.43	ng	0.00
7) Phenol-d6	7.27	99	212394	113.74	ng	0.00
23) Nitrobenzene-d5	9.30	82	162702	93.15	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	135893	141.12	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	395252	85.75	ng	0.00
78) Terphenyl-d14	20.11	244	860102	85.70	ng	0.00
Target Compounds						
31) Naphthalene	11.00	128	38684	8.10	ng	Qvalue 99

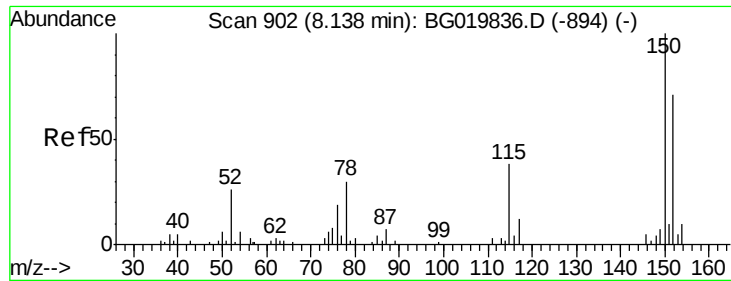
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 900

Delta R.T. -0.01 min

Lab File: BG019848.D

Acq: 2 Dec 2015 23:52

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-16(0-4)

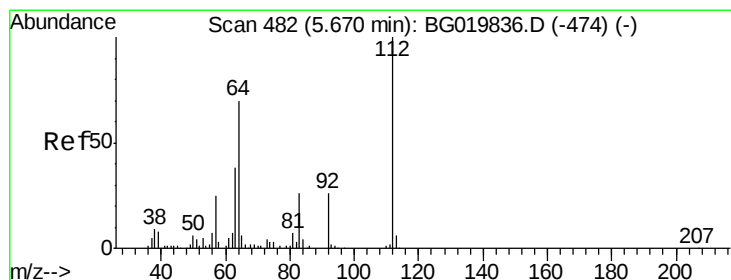
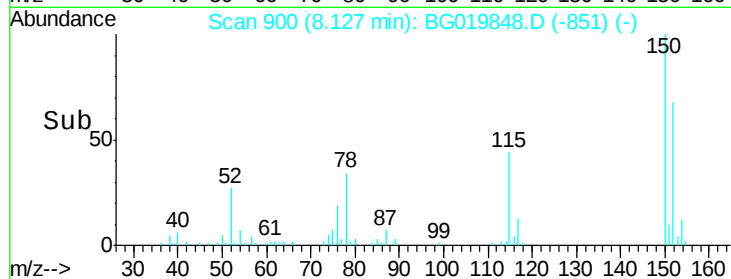
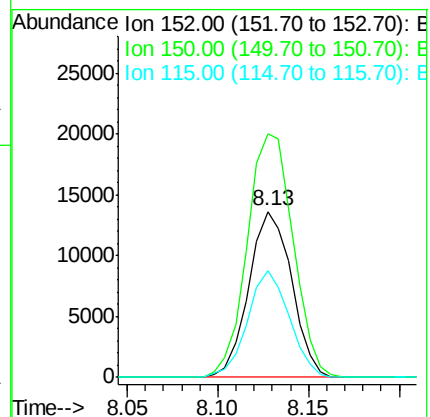
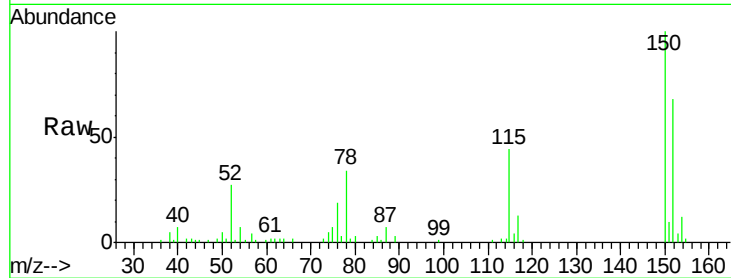
Tgt Ion:152 Resp: 22353

Ion Ratio Lower Upper

152 100

150 146.6 115.0 172.4

115 64.0 43.9 65.9



#5

2-Fluorophenol

Concen: 126.43 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG019848.D

Acq: 2 Dec 2015 23:52

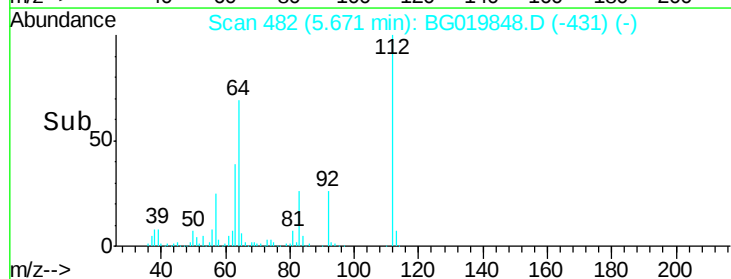
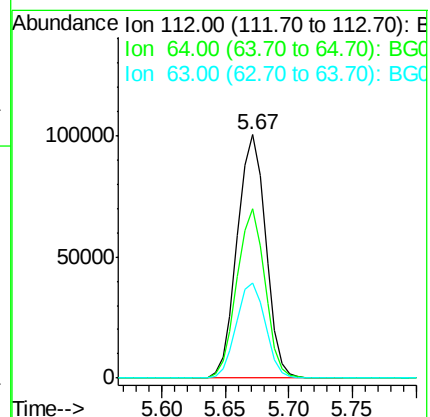
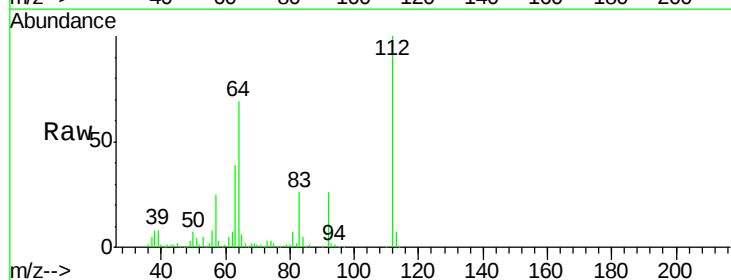
Tgt Ion:112 Resp: 156371

Ion Ratio Lower Upper

112 100

64 69.4 43.7 65.5#

63 38.8 24.0 36.0#





#7

Phenol-d6

Concen: 113.74 ng

RT: 7.27 min Scan# 754

Delta R.T. -0.00 min

Lab File: BG019848.D

Acq: 2 Dec 2015 23:52

Instrument :

BNA_G

ClientSampleId :

SB-P3WC-16(0-4)

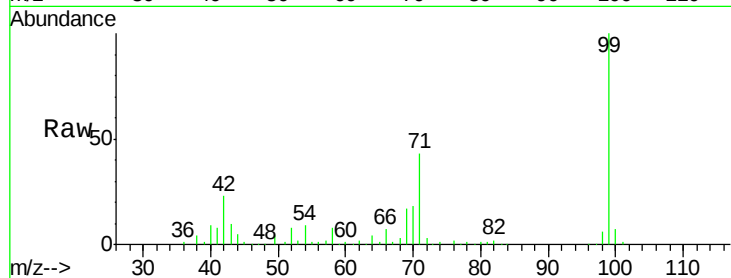
Tgt Ion: 99 Resp: 212394

Ion Ratio Lower Upper

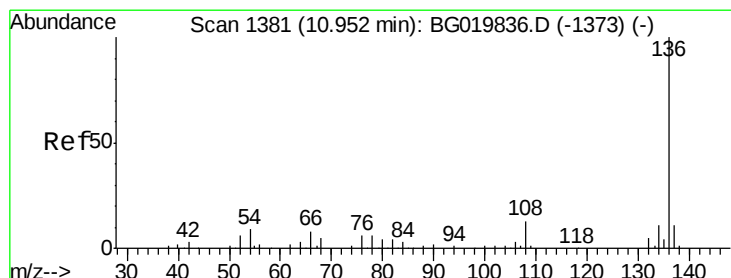
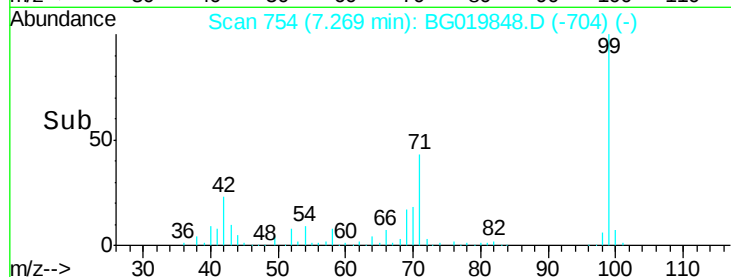
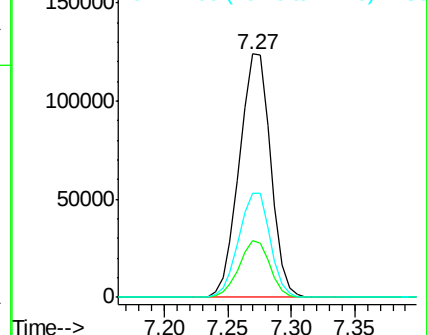
99 100

42 23.5 11.5 17.3#

71 42.7 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.95 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BG019848.D

Acq: 2 Dec 2015 23:52

Tgt Ion: 136 Resp: 89144

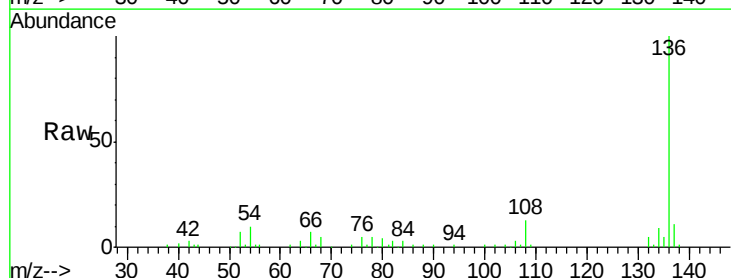
Ion Ratio Lower Upper

136 100

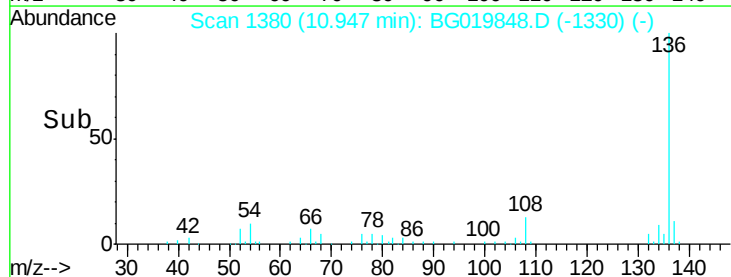
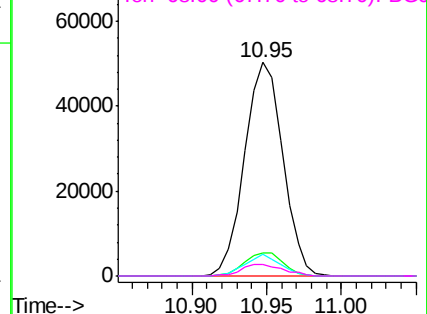
137 11.1 8.6 12.8

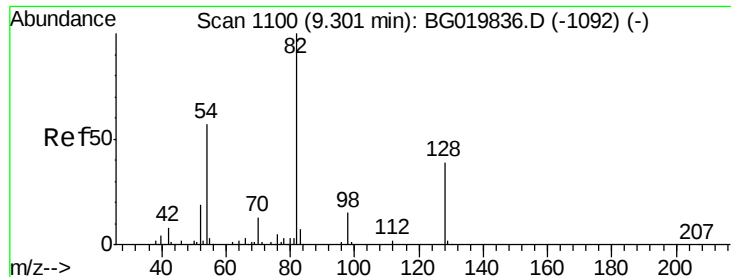
54 9.9 5.4 8.2#

68 5.5 5.3 7.9



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

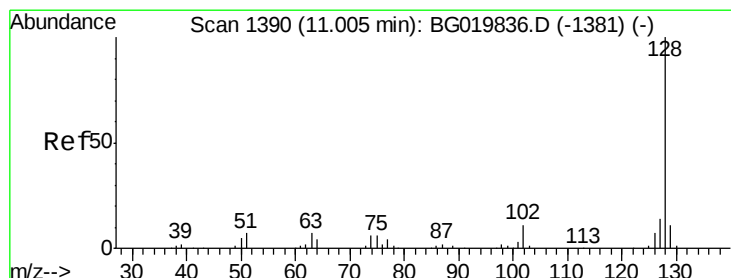
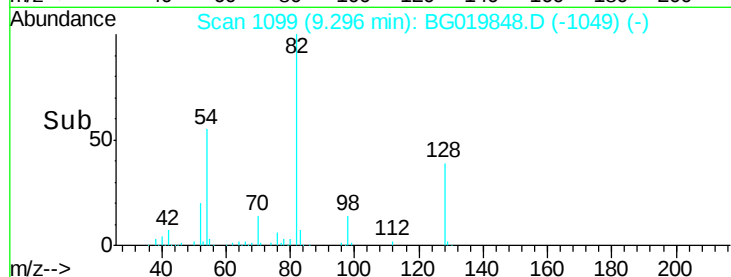
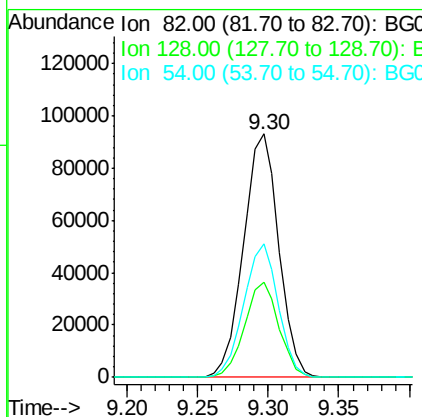
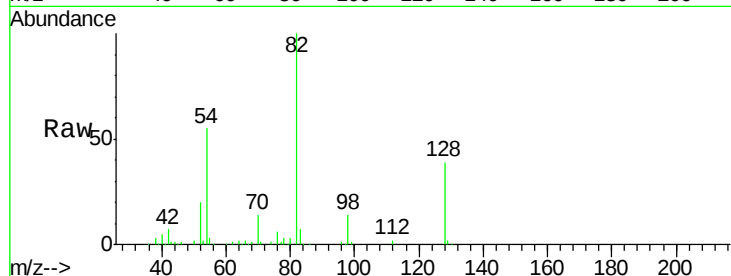




#23
 Nitrobenzene-d5
 Concen: 93.15 ng
 RT: 9.30 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BG019848.D
 Acq: 2 Dec 2015 23:52

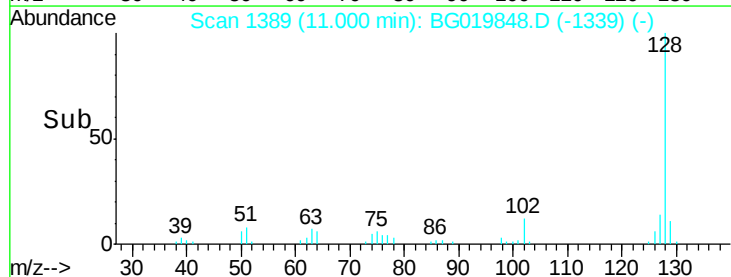
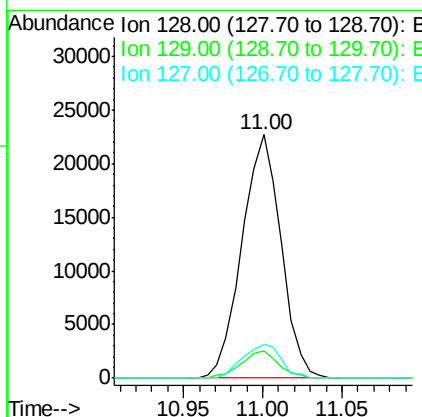
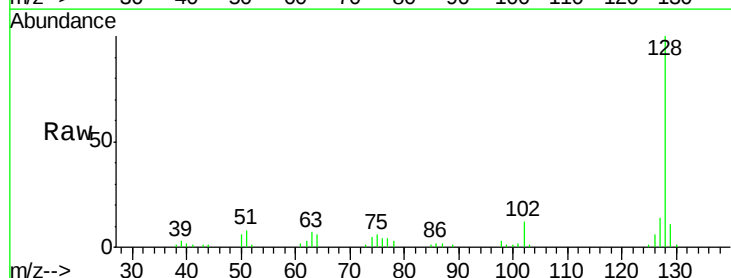
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-16(0-4)

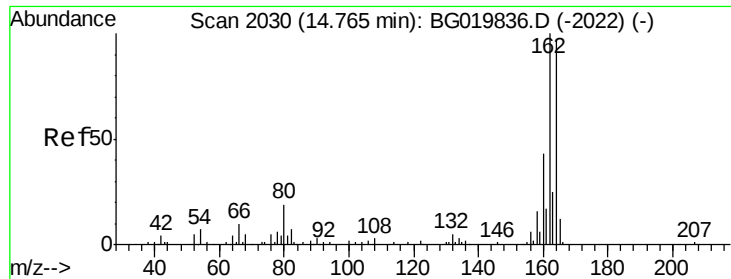
Tgt Ion: 82 Resp: 162702
 Ion Ratio Lower Upper
 82 100
 128 39.0 36.7 55.1
 54 55.0 33.8 50.8#



#31
 Naphthalene
 Concen: 8.10 ng
 RT: 11.00 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BG019848.D
 Acq: 2 Dec 2015 23:52

Tgt Ion: 128 Resp: 38684
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.5 12.7
 127 13.9 10.6 16.0

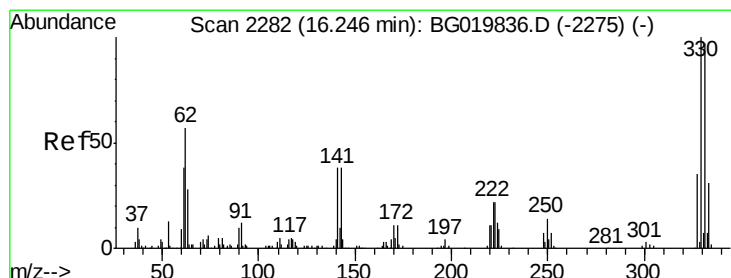
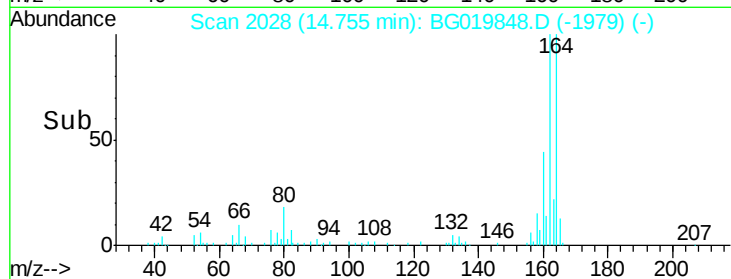
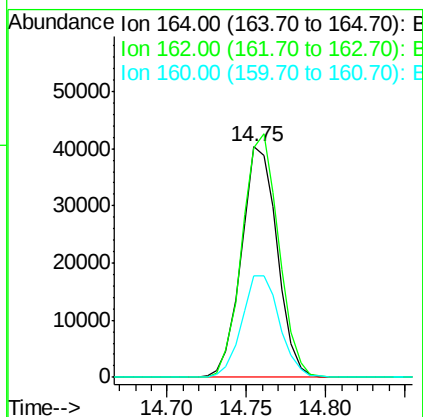
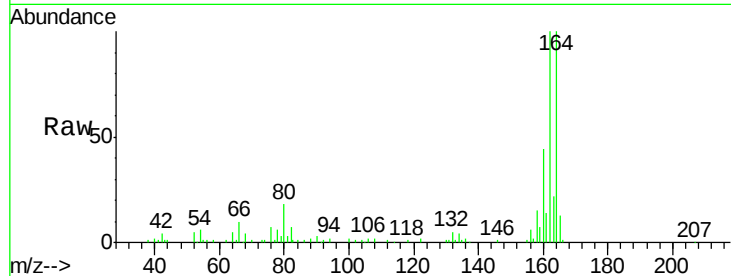




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019848.D
Acq: 2 Dec 2015 23:52

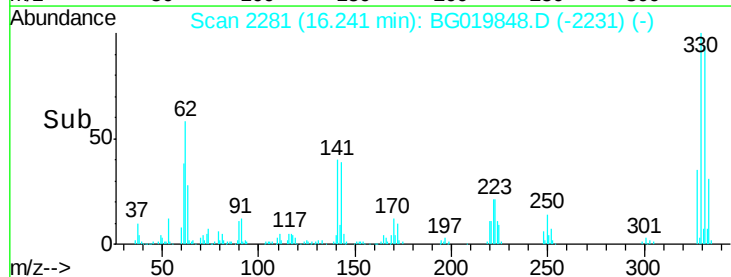
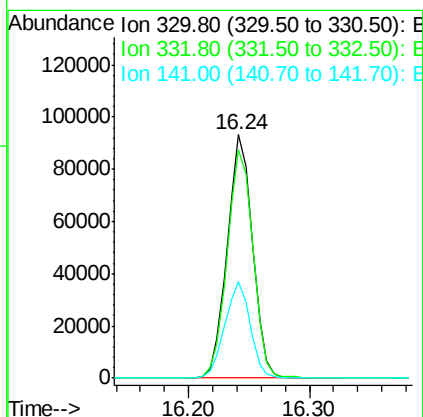
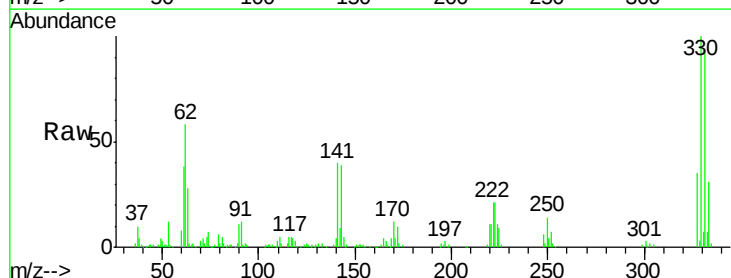
Instrument :
BNA_G
ClientSampleId :
SB-P3WC-16(0-4)

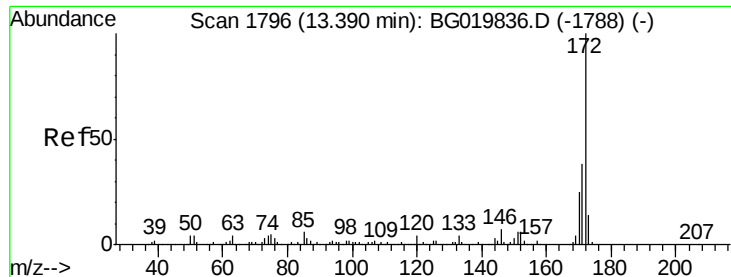
Tgt Ion:164 Resp: 62935
Ion Ratio Lower Upper
164 100
162 99.8 78.8 118.2
160 44.3 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 141.12 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG019848.D
Acq: 2 Dec 2015 23:52

Tgt Ion:330 Resp: 135893
Ion Ratio Lower Upper
330 100
332 96.0 78.1 117.1
141 39.5 28.2 42.2

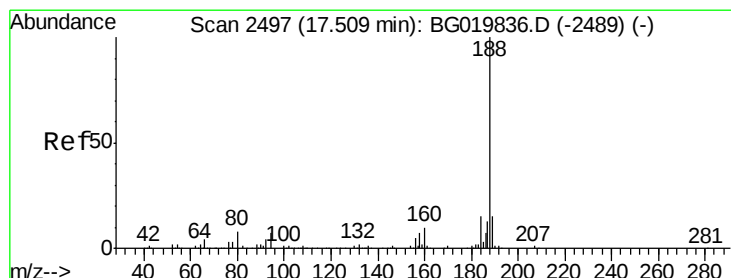
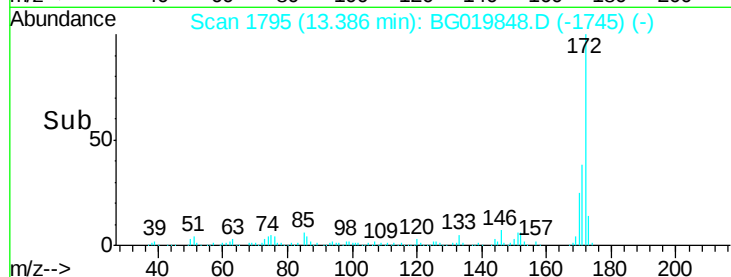
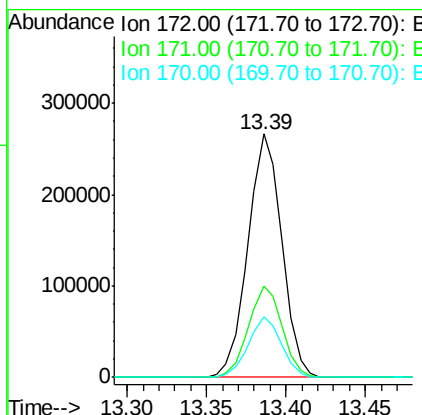
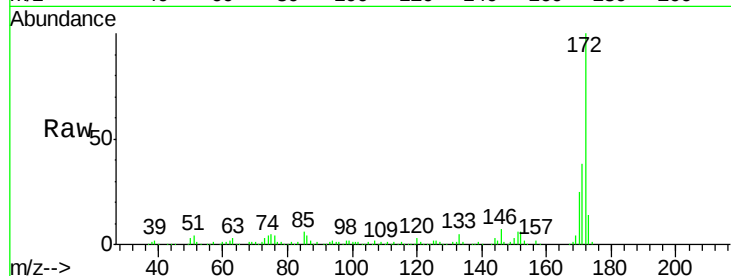




#44
 2-Fluorobiphenyl
 Concen: 85.75 ng
 RT: 13.39 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BG019848.D
 Acq: 2 Dec 2015 23:52

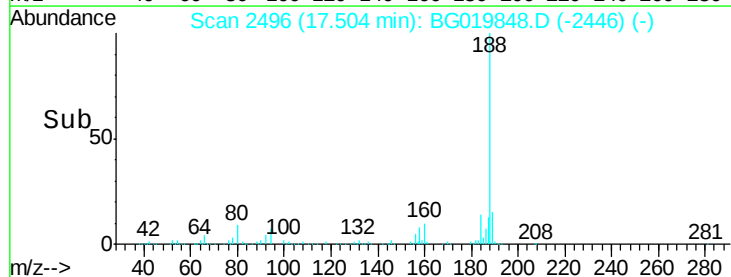
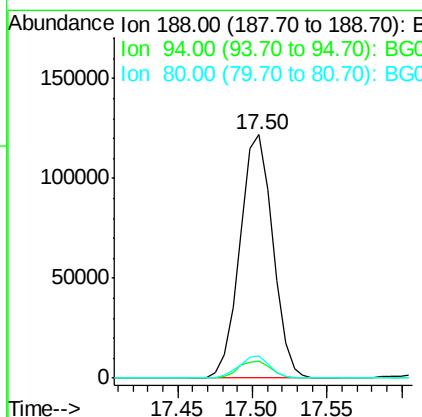
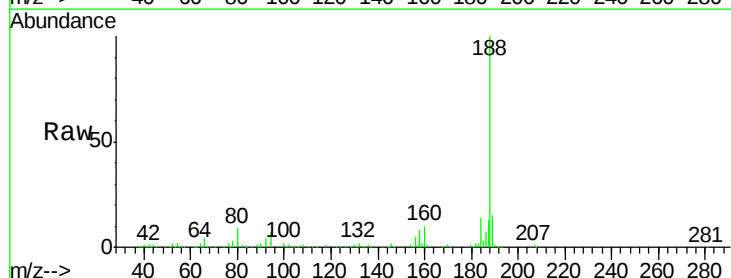
Instrument :
 BNA_G
 ClientSampleId :
 SB-P3WC-16(0-4)

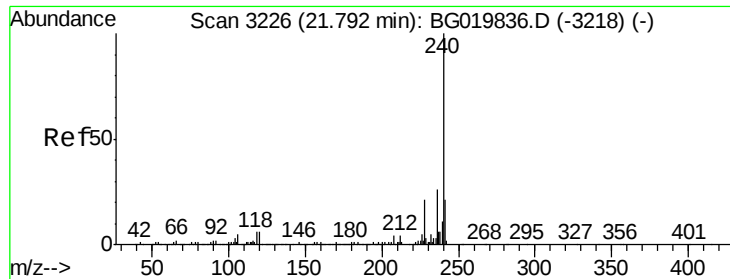
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.0	43.6
170	24.6	19.9	29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.50 min Scan# 2496
 Delta R.T. -0.00 min
 Lab File: BG019848.D
 Acq: 2 Dec 2015 23:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.7	11.5#
80	8.9	7.8	11.8

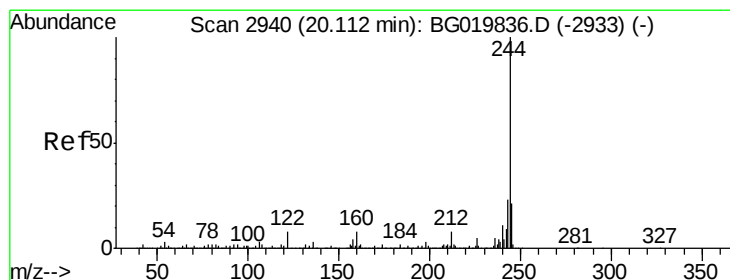
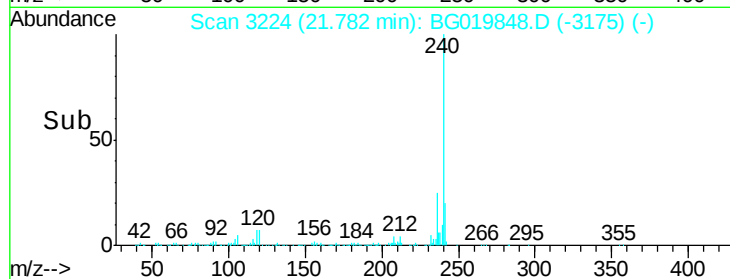
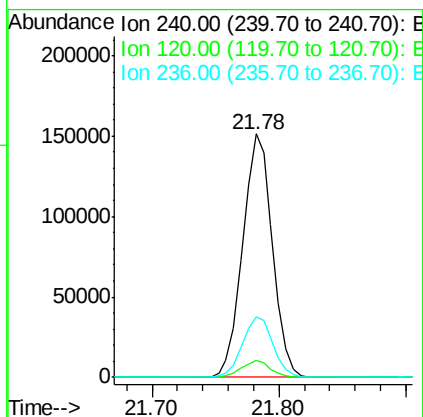
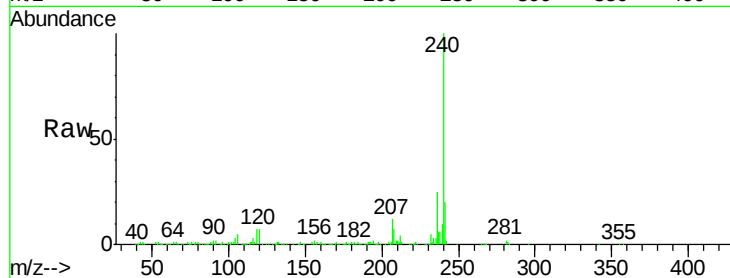




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.78 min Scan# 3224
 Delta R.T. -0.01 min
 Lab File: BG019848.D
 Acq: 2 Dec 2015 23:52

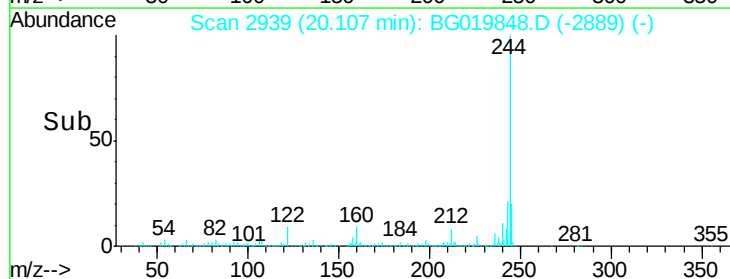
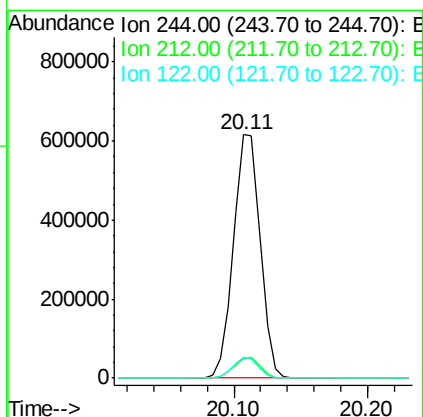
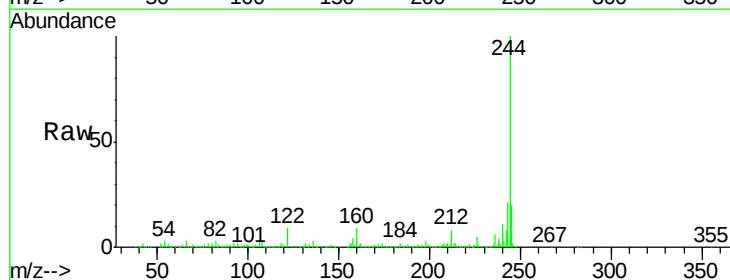
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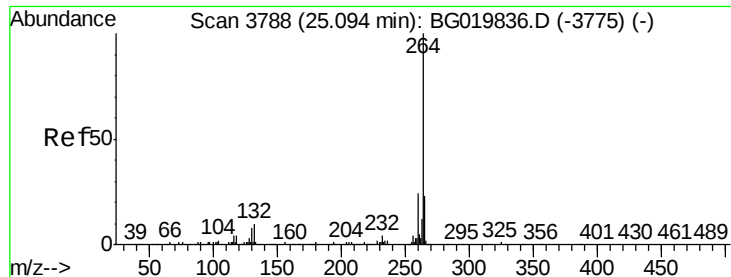
Tgt Ion:240 Resp: 244812
 Ion Ratio Lower Upper
 240 100
 120 6.9 7.4 11.0#
 236 25.0 20.7 31.1



#78
 Terphenyl-d14
 Concen: 85.70 ng
 RT: 20.11 min Scan# 2939
 Delta R.T. -0.00 min
 Lab File: BG019848.D
 Acq: 2 Dec 2015 23:52

Tgt Ion:244 Resp: 860102
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.9 10.3
 122 8.7 10.2 15.2#

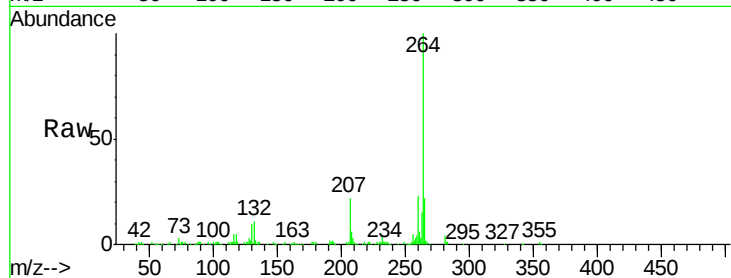




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.09 min Scan# 3787
Delta R.T. -0.00 min
Lab File: BG019848.D
Acq: 2 Dec 2015 23:52

Instrument :
BNA_G
ClientSampleId :
SB-P3WC-16(0-4)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.5	27.7
265	22.4	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

