

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
 Data File : BG016895.D
 Acq On : 6 May 2015 12:40
 Operator : TP/IZ
 Sample : G2002-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-03

Quant Time: May 07 04:29:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 03:57:31 2015
 Response via : Initial Calibration

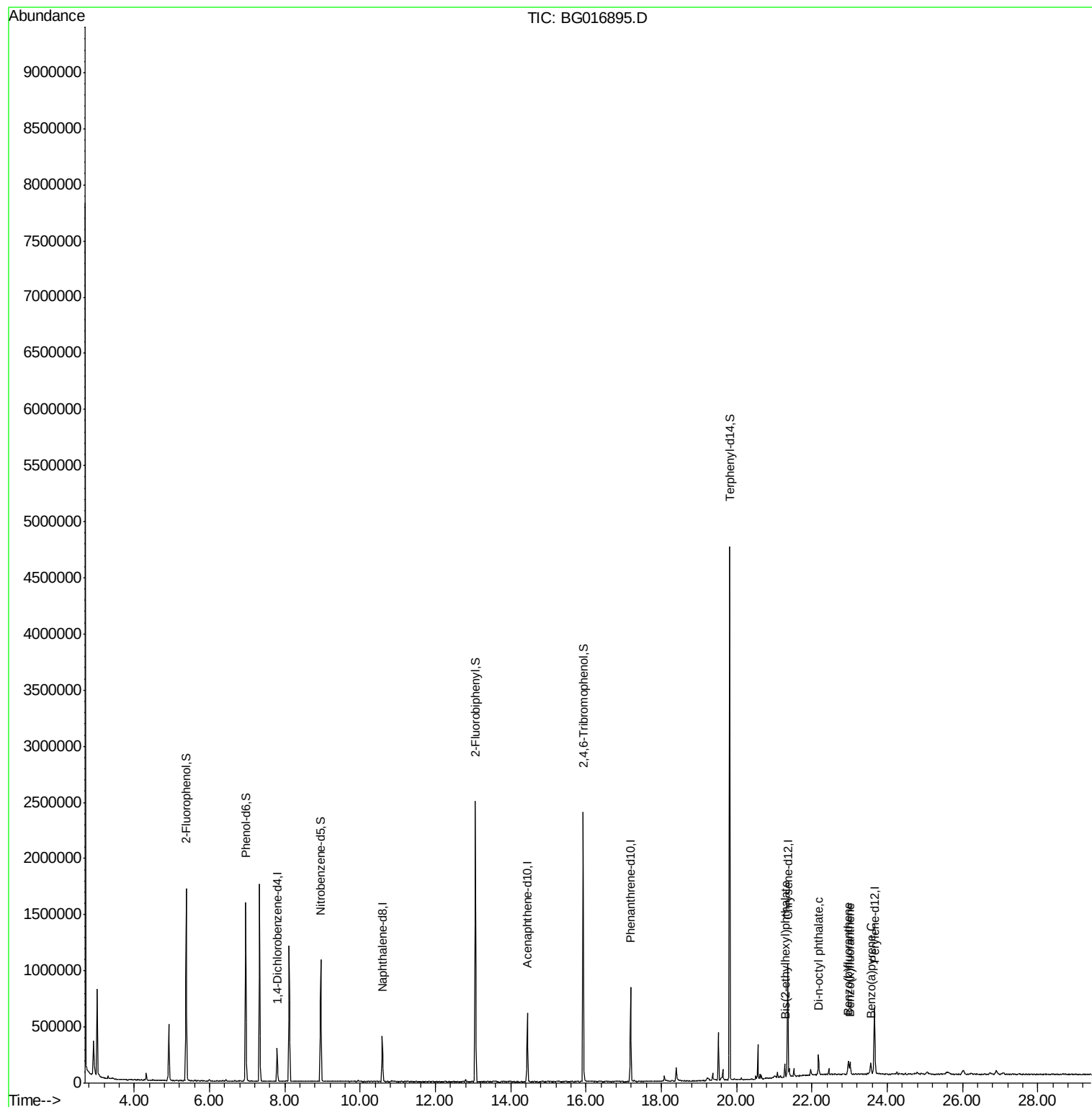
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	70147	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	294854	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	185070	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	421098	20.00	ng	0.00
75) Chrysene-d12	21.36	240	414018	20.00	ng	0.00
86) Perylene-d12	23.66	264	396774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	596655	148.10	ng	0.00
7) Phenol-d6	6.97	99	745839	129.59	ng	0.00
23) Nitrobenzene-d5	8.96	82	570692	94.55	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	324948	174.90	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1116796	91.06	ng	0.00
78) Terphenyl-d14	19.82	244	1777006	100.62	ng	0.00
Target Compounds						
83) Bis(2-ethylhexyl)phthalate	21.28	149	33806	2.13	ng	Qvalue # 95
84) Di-n-octyl phthalate	22.18	149	116213	4.35	ng	# 100
87) Benzo(b)fluoranthene	22.96	252	74144	3.35	ng	96
88) Benzo(k)fluoranthene	23.01	252	82562m	3.88	ng	
89) Benzo(a)pyrene	23.56	252	61193	2.97	ng	95

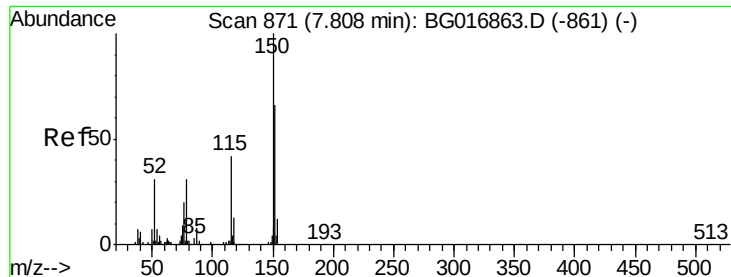
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG016895.D

Acq: 6 May 2015 12:40

Instrument :

BNA_G

ClientSampleId :

TEC-03

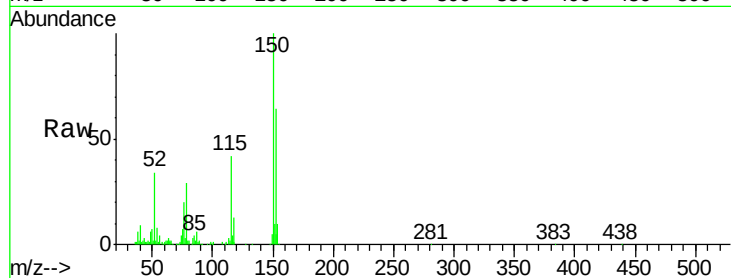
Tot Ion:152 Resp: 70147

Ion Ratio Lower Upper

152 100

150 155.2 121.0 181.4

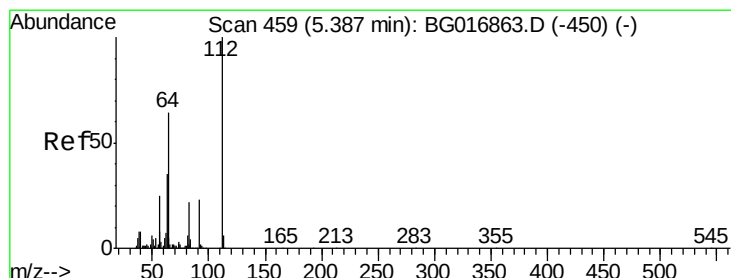
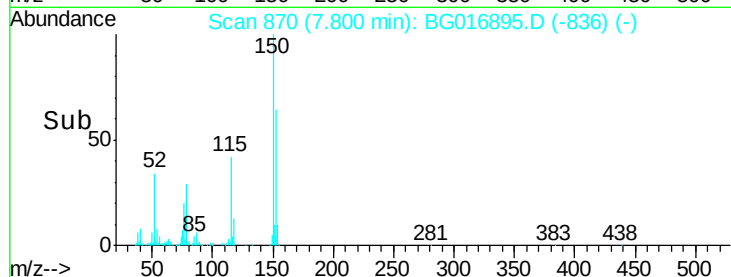
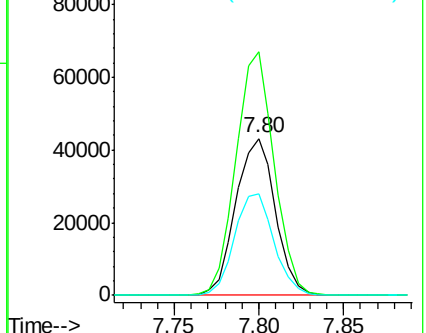
115 64.8 50.5 75.7



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: 148.10 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.00 min

Lab File: BG016895.D

Acq: 6 May 2015 12:40

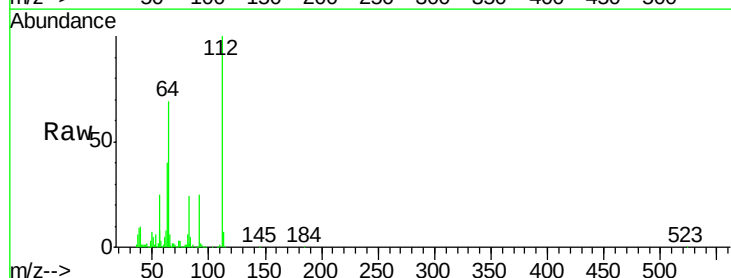
Tgt Ion:112 Resp: 596655

Ion Ratio Lower Upper

112 100

64 69.5 51.4 77.2

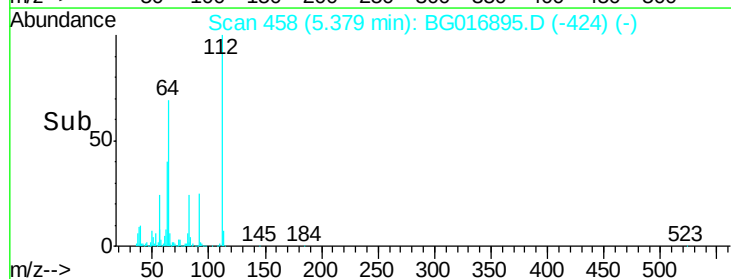
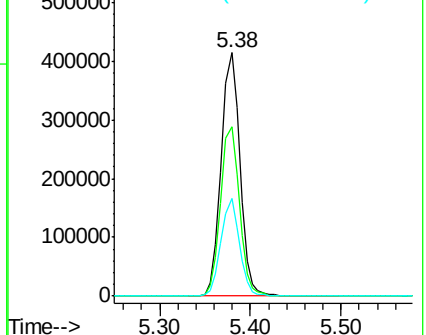
63 40.0 28.1 42.1

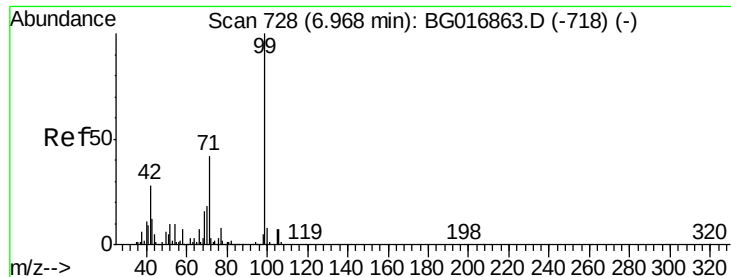


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 129.59 ng

RT: 6.97 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG016895.D

Acq: 6 May 2015 12:40

Instrument :

BNA_G

ClientSampleId :

TEC-03

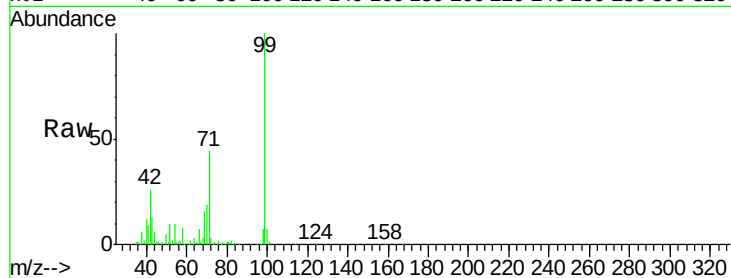
Tot Ion: 99 Resp: 745839

Ion Ratio Lower Upper

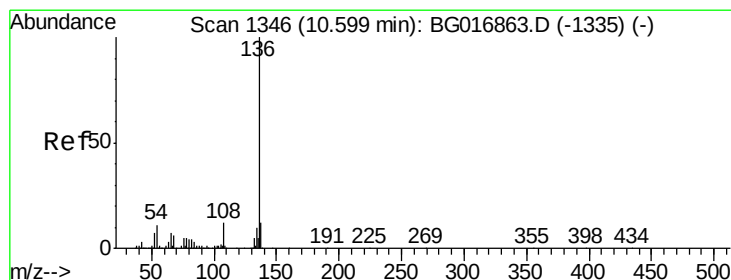
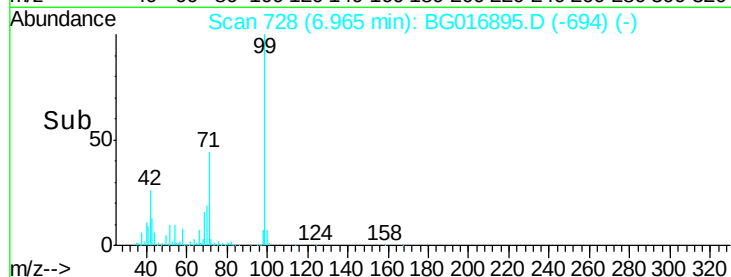
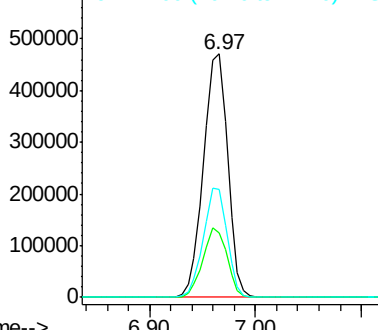
99 100

42 26.3 22.1 33.1

71 44.5 33.4 50.0



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: 10.59 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BG016895.D

Acq: 6 May 2015 12:40

Tgt Ion: 136 Resp: 294854

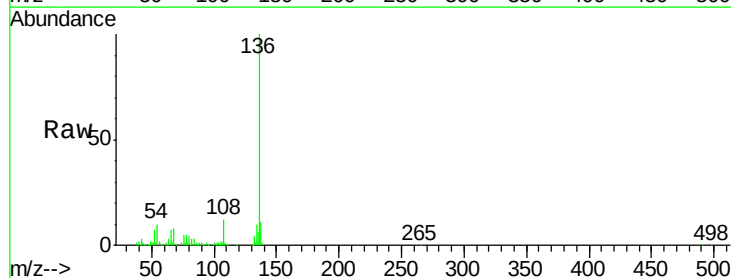
Ion Ratio Lower Upper

136 100

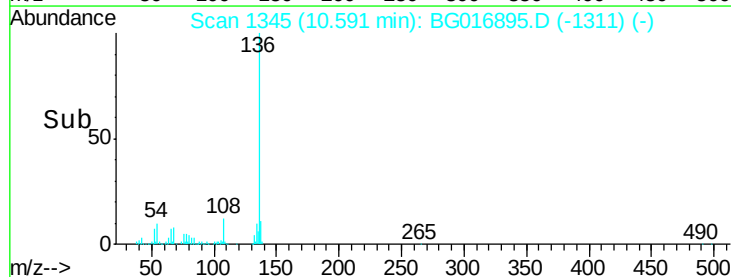
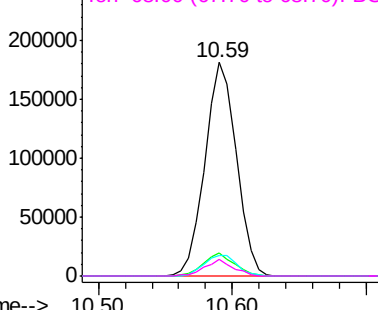
137 10.8 9.8 14.8

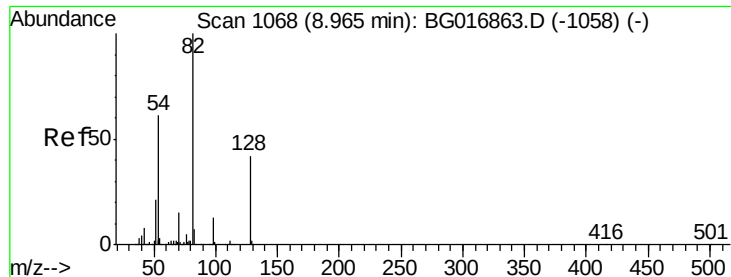
54 9.7 8.7 13.1

68 7.6 5.0 7.4#



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

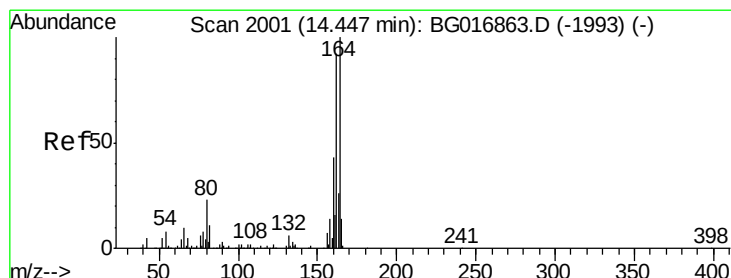
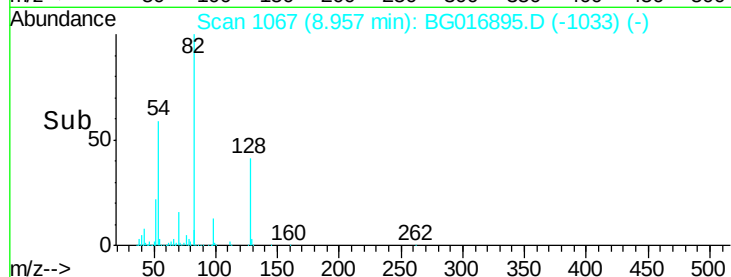
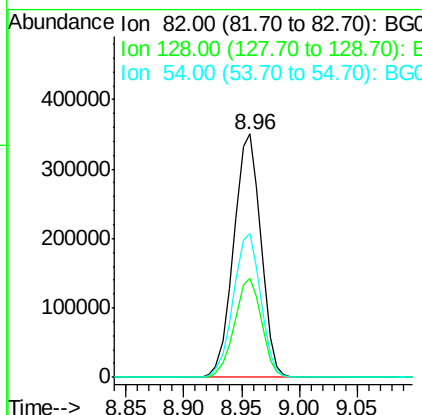
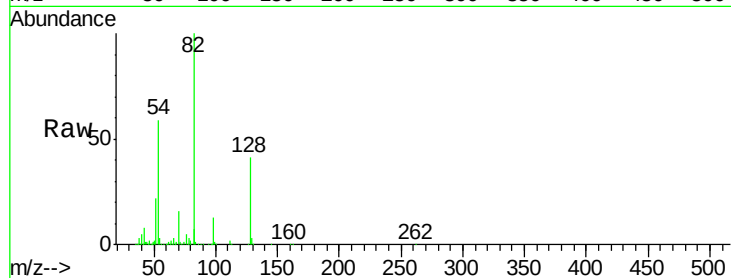




#23
 Nitrobenzene-d5
 Concen: 94.55 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BG016895.D
 Acq: 6 May 2015 12:40

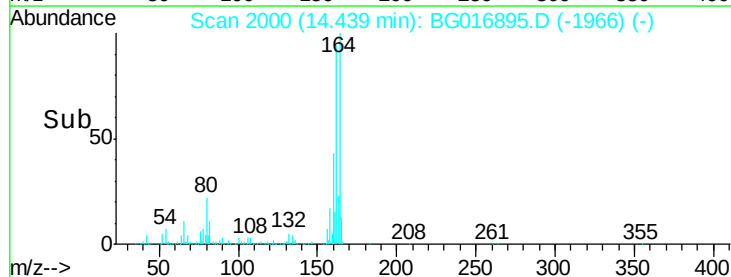
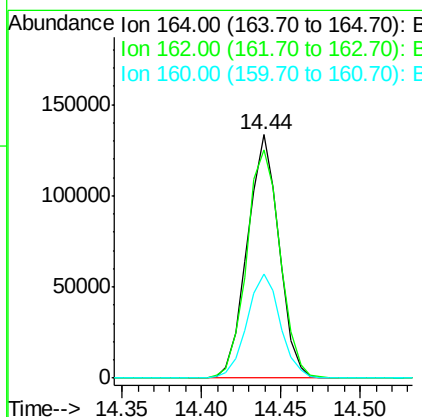
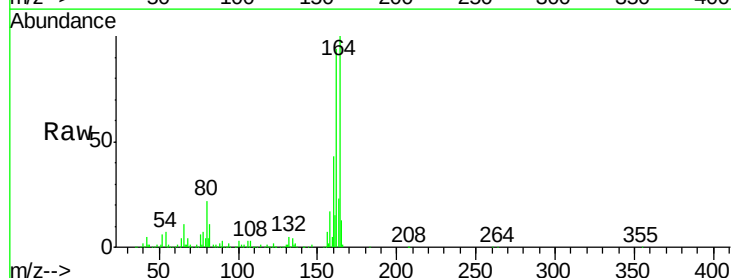
Instrument :
 BNA_G
 ClientSampleId :
 TEC-03

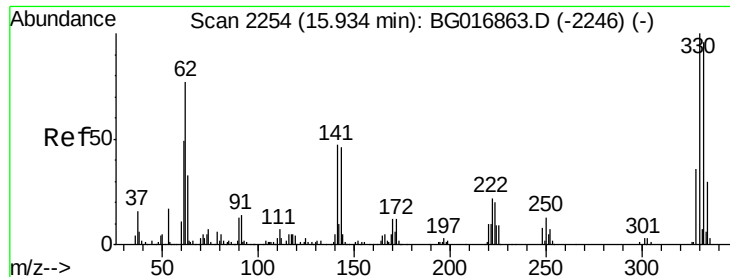
Tot Ion	82	Resp	570692
Ion	Ratio	Lower	Upper
82	100		
128	40.7	33.2	49.8
54	58.9	48.6	72.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.44 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BG016895.D
 Acq: 6 May 2015 12:40

Tgt Ion	164	Resp	185070
Ion	Ratio	Lower	Upper
164	100		
162	93.6	74.0	111.0
160	42.8	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 174.90 ng

RT: 15.93 min Scan# 2253

Delta R.T. -0.00 min

Lab File: BG016895.D

Acq: 6 May 2015 12:40

Instrument :

BNA_G

ClientSampleId :

TEC-03

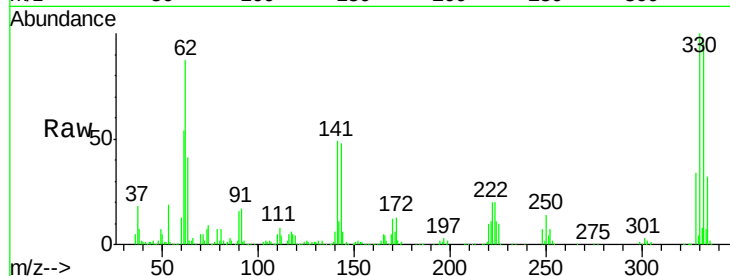
Tot Ion:330 Resp: 324948

Ion Ratio Lower Upper

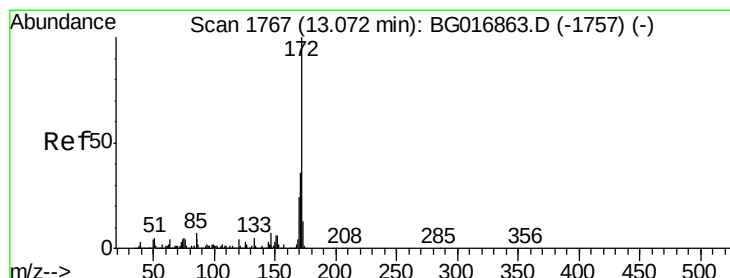
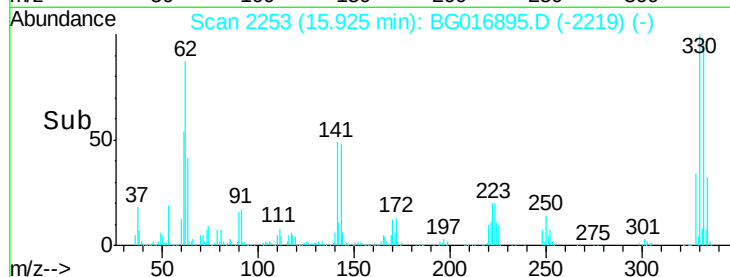
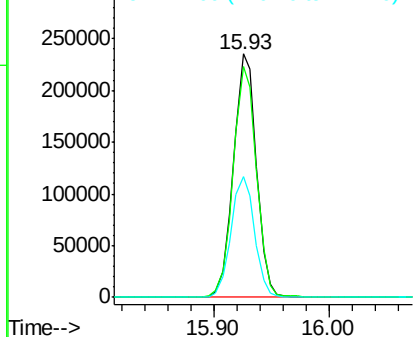
330 100

332 95.8 0.0 0.0#

141 50.5 0.0 0.0#



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: 91.06 ng

RT: 13.06 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BG016895.D

Acq: 6 May 2015 12:40

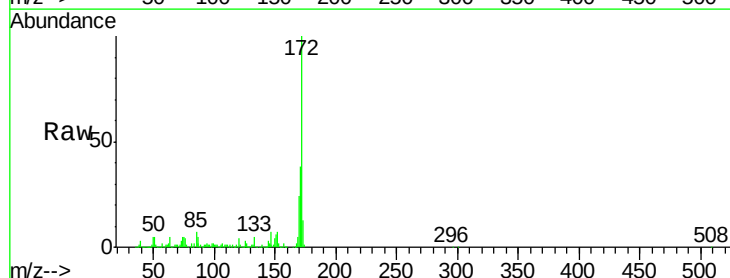
Tgt Ion:172 Resp: 1116796

Ion Ratio Lower Upper

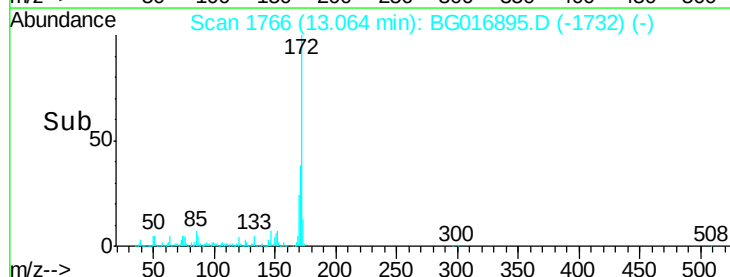
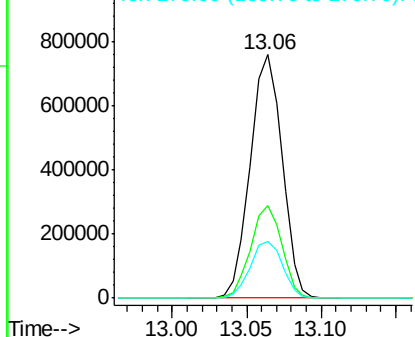
172 100

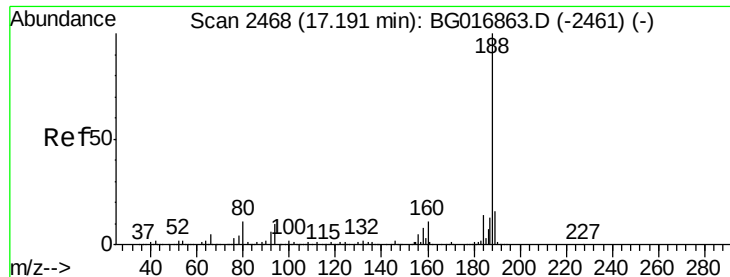
171 37.8 29.0 43.4

170 23.5 19.0 28.4



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

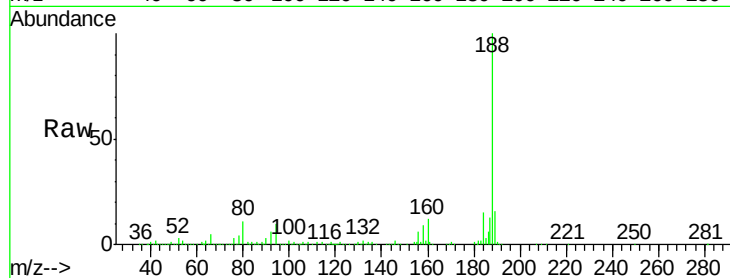




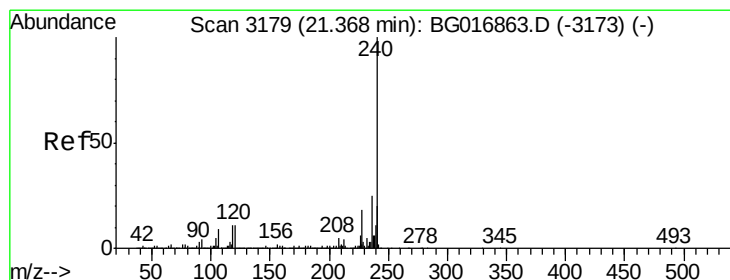
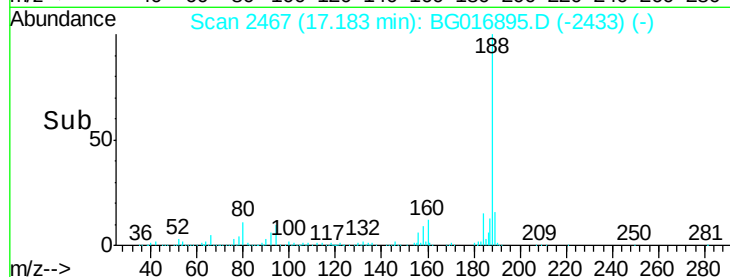
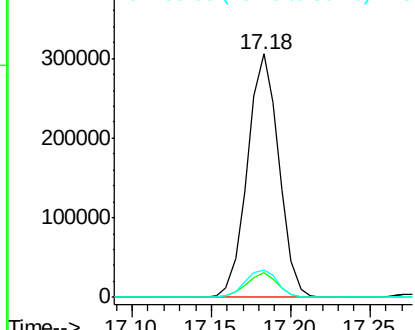
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BG016895.D
Acq: 6 May 2015 12:40

Instrument :
BNA_G
ClientSampleId :
TEC-03

Tot Ion:188 Resp: 421098
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.4
80 11.0 8.8 13.2

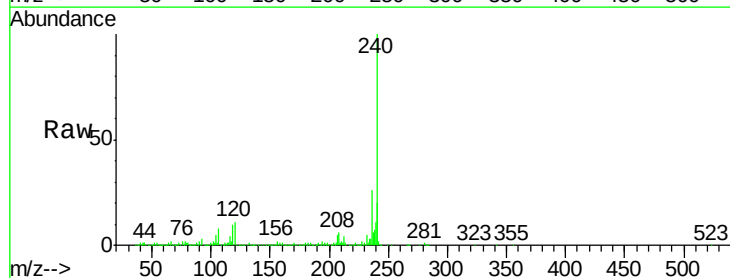


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

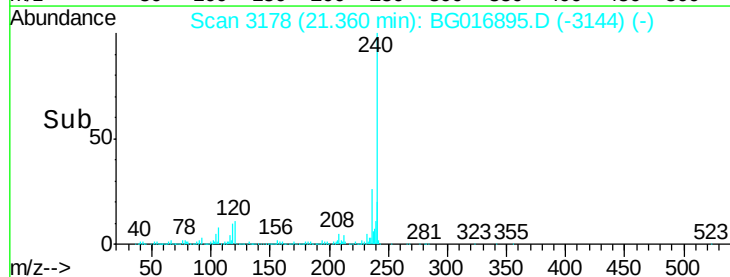
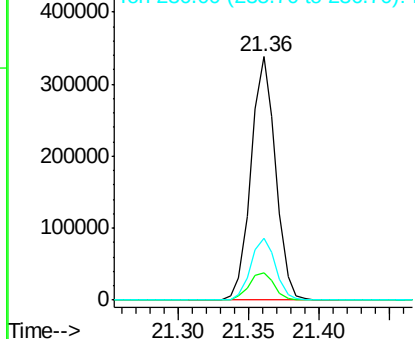


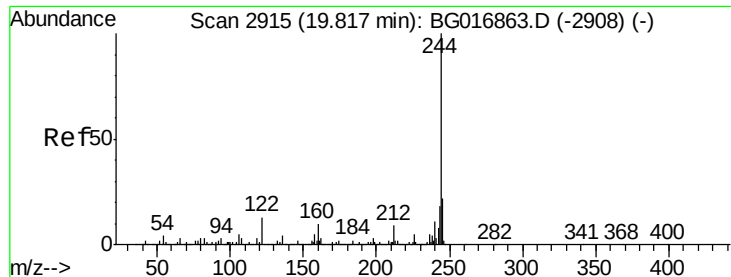
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BG016895.D
Acq: 6 May 2015 12:40

Tgt Ion:240 Resp: 414018
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 25.6 20.2 30.4



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: 100.62 ng

RT: 19.82 min Scan# 2915

Delta R.T. 0.00 min

Lab File: BG016895.D

Acq: 6 May 2015 12:40

Instrument :

BNA_G

ClientSampled :

TEC-03

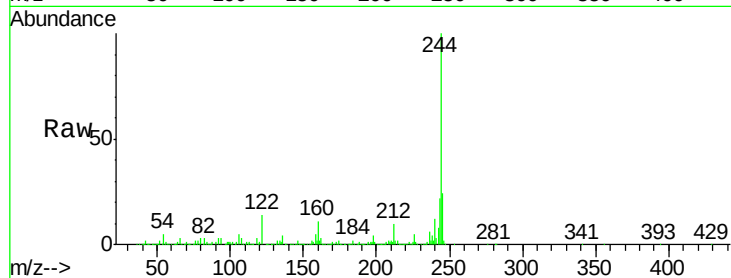
Tot Ion:244 Resp: 1777006

Ion Ratio Lower Upper

244 100

212 9.7 7.0 10.6

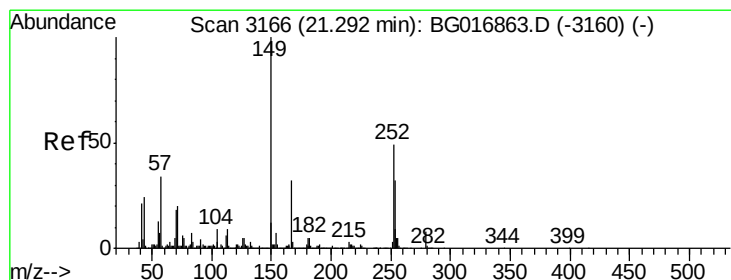
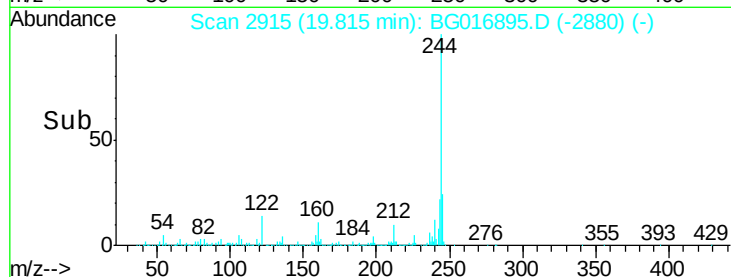
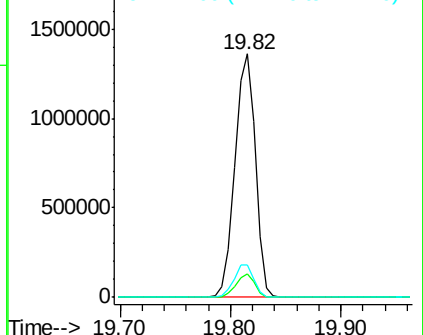
122 13.5 10.4 15.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.13 ng

RT: 21.28 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG016895.D

Acq: 6 May 2015 12:40

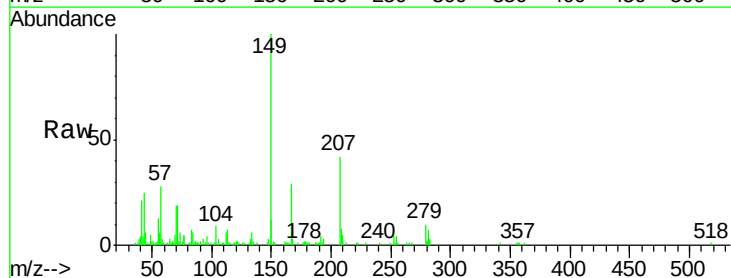
Tgt Ion:149 Resp: 33806

Ion Ratio Lower Upper

149 100

167 29.2 25.4 38.0

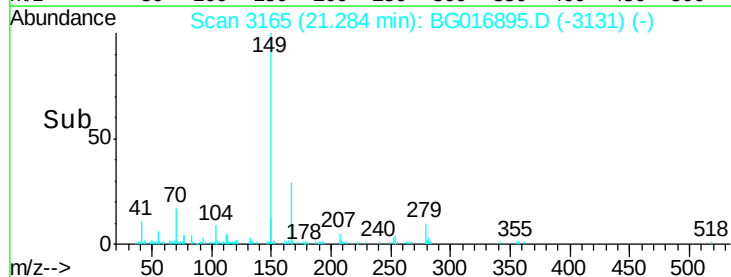
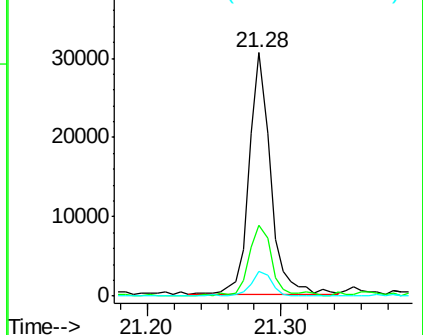
279 10.2 6.4 9.6#

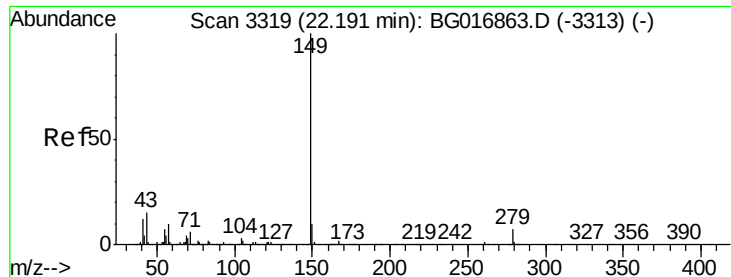


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

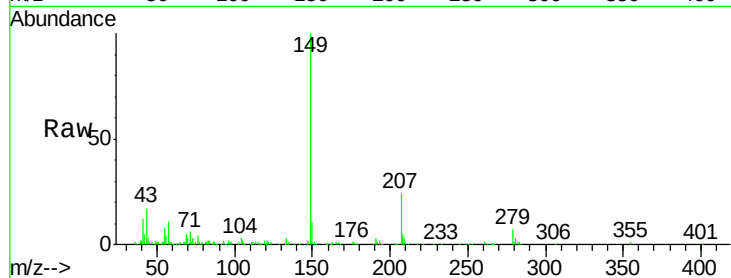




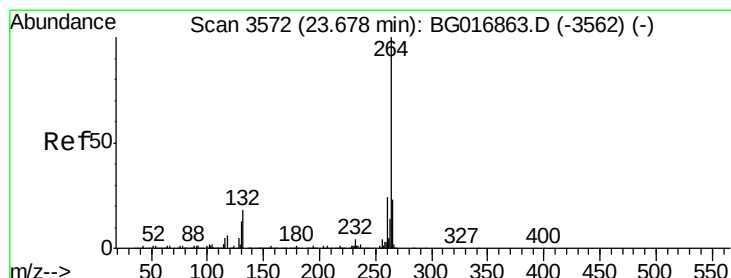
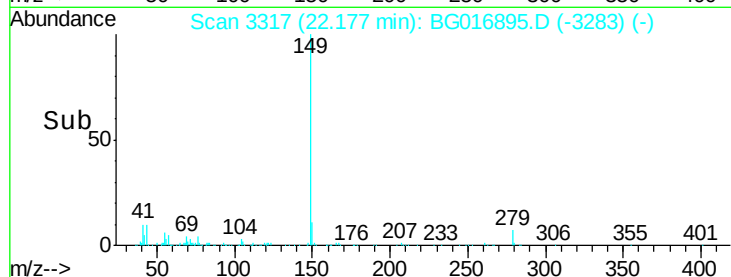
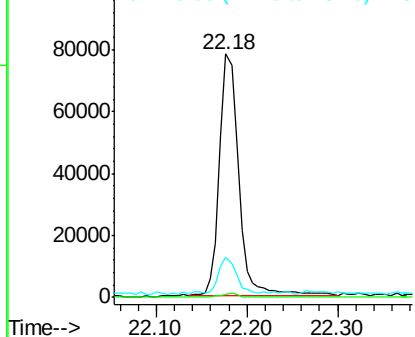
#84
Di-n-octyl phthalate
Concen: 4.35 ng
RT: 22.18 min Scan# 3317
Delta R.T. -0.00 min
Lab File: BG016895.D
Acq: 6 May 2015 12:40

Instrument :
BNA_G
ClientSampleId :
TEC-03

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	0.0	0.0#
43	15.2	0.0	0.0#

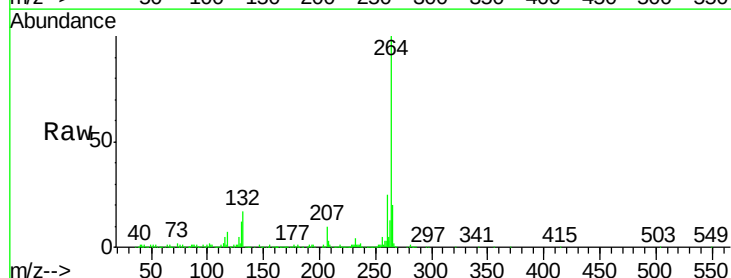


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

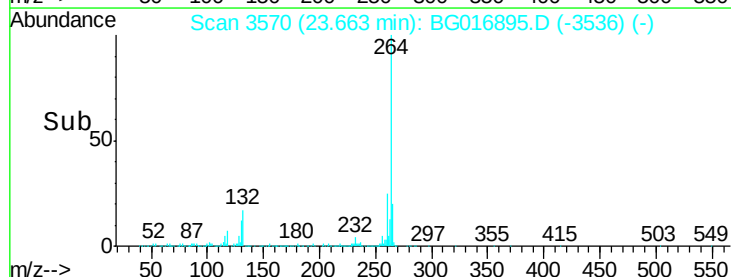
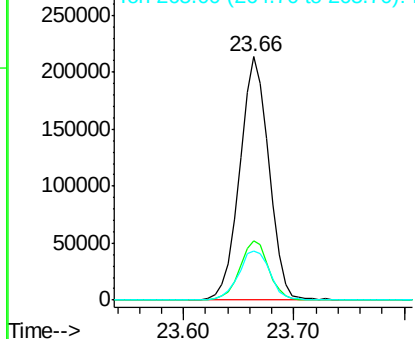


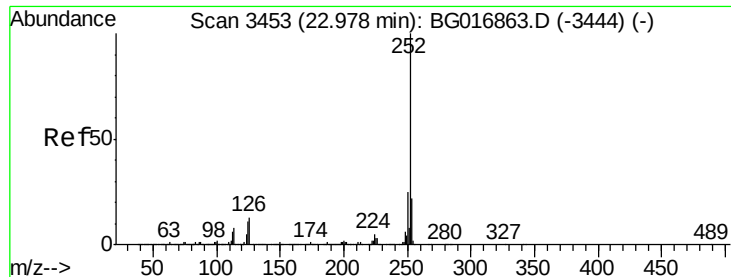
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.66 min Scan# 3570
Delta R.T. -0.00 min
Lab File: BG016895.D
Acq: 6 May 2015 12:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.2	18.5	27.7



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

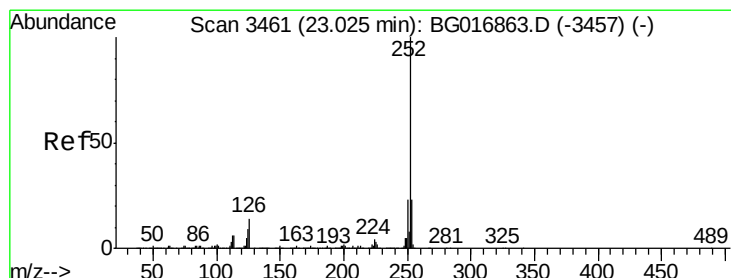
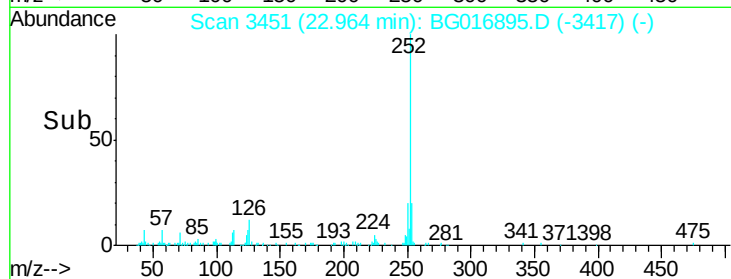
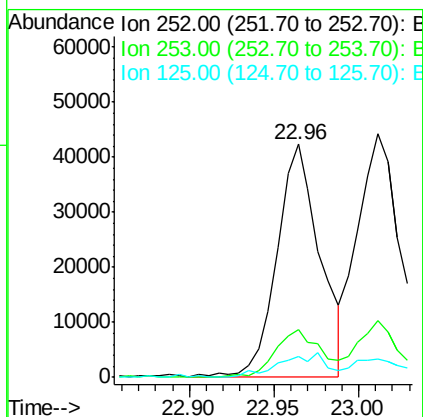
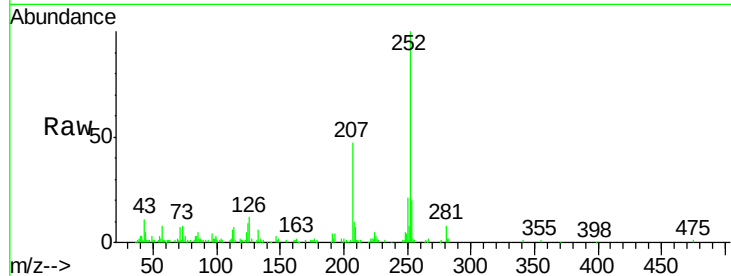




#87
Benzo(b)fluoranthene
Concen: 3.35 ng
RT: 22.96 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BG016895.D
Acq: 6 May 2015 12:40

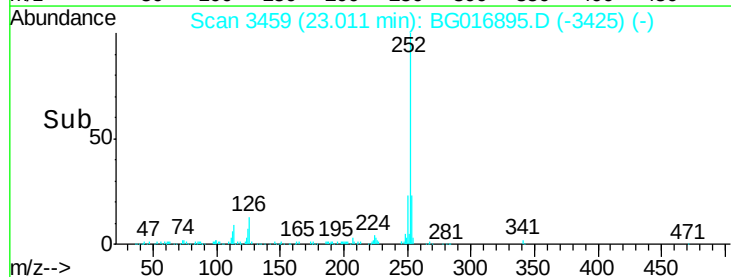
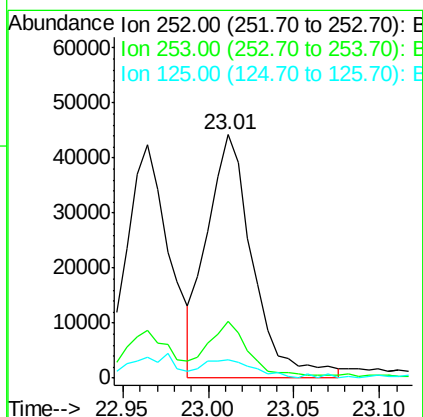
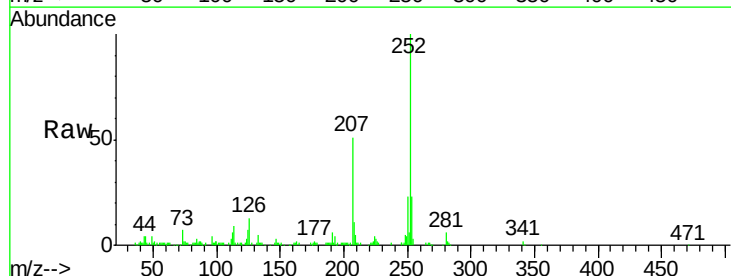
Instrument :
BNA_G
ClientSampleId :
TEC-03

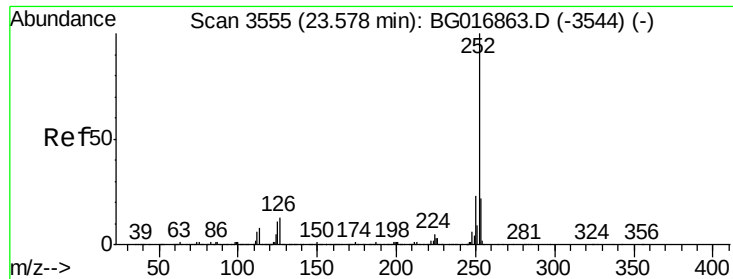
Tot Ion:252 Resp: 74144
Ion Ratio Lower Upper
252 100
253 20.4 17.4 26.0
125 8.7 8.6 13.0



#88
Benzo(k)fluoranthene
Concen: 3.88 ng m
RT: 23.01 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BG016895.D
Acq: 6 May 2015 12:40

Tgt Ion:252 Resp: 82562
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 7.4 7.9 11.9#





#89

Benzo(a)pyrene

Concen: 2.97 ng

RT: 23.56 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG016895.D

Acq: 6 May 2015 12:40

Instrument :

BNA_G

ClientSampleId :

TEC-03

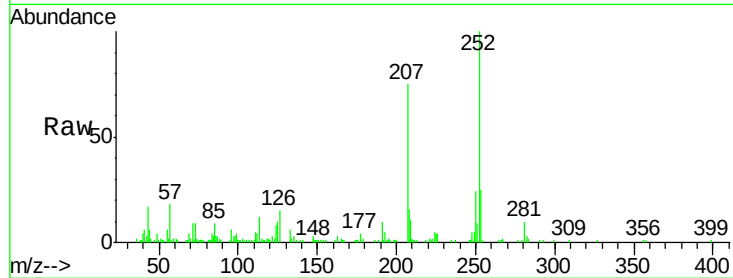
Tot Ion:252 Resp: 61193

Ion Ratio Lower Upper

252 100

253 25.3 17.7 26.5

125 10.0 8.5 12.7



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

