

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120315\
 Data File : BG019878.D
 Acq On : 3 Dec 2015 20:02
 Operator : UM/NP
 Sample : G4598-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-U-S

Quant Time: Dec 04 02:52:26 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	8.12	152	24670	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	110786	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	83085	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	208443	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	253701	20.00	ng	-0.02
86) Perylene-d12	25.07	264	236445	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	8449	6.19	ng	0.00
7) Phenol-d6	7.26	99	8736	4.24	ng	-0.01
23) Nitrobenzene-d5	9.29	82	30522	14.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	14923	11.74	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	86625	14.24	ng	-0.01
78) Terphenyl-d14	20.09	244	157640	15.16	ng	-0.02

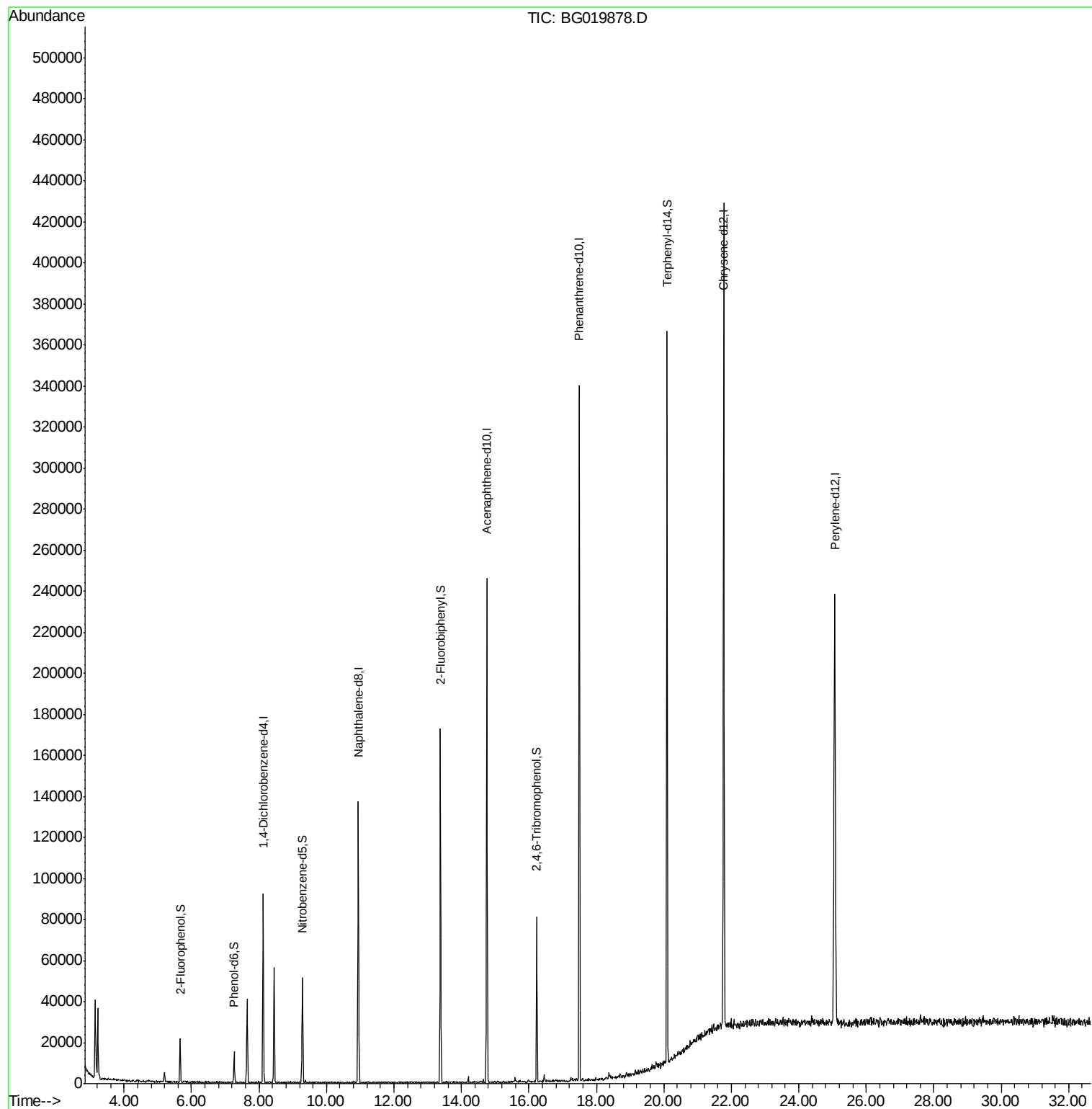
Target Compounds	Qvalue
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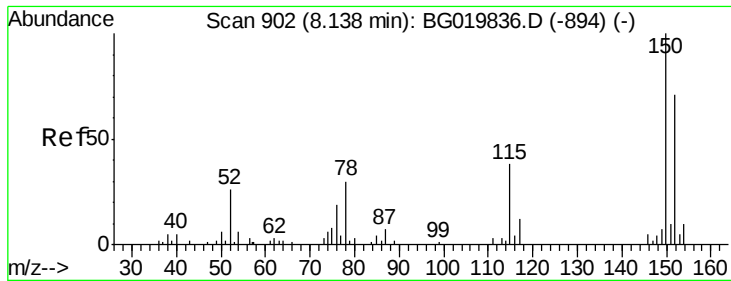
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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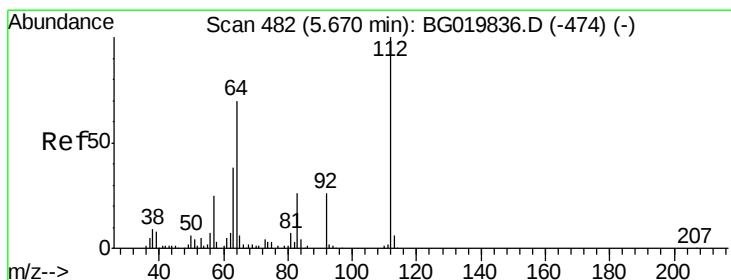
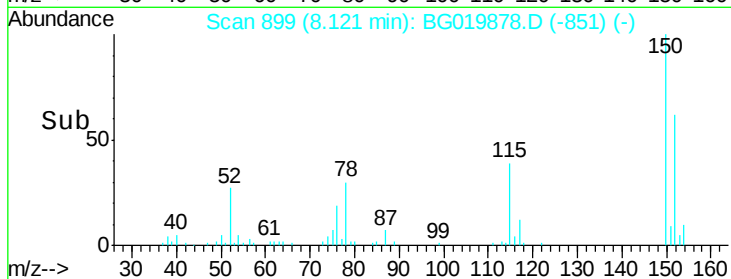
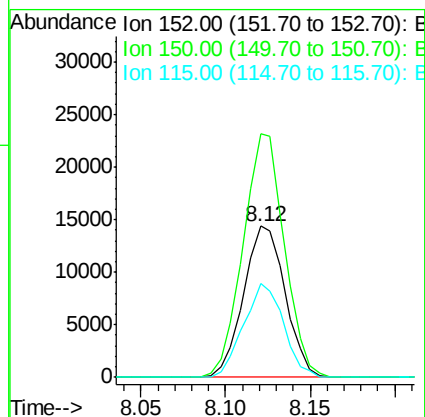
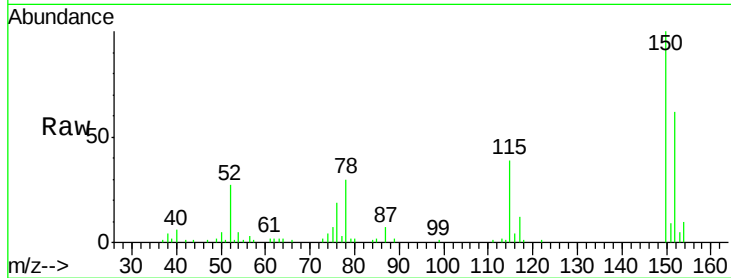




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.12 min Scan# 899
 Delta R.T. -0.02 min
 Lab File: BG019878.D
 Acq: 3 Dec 2015 20:02

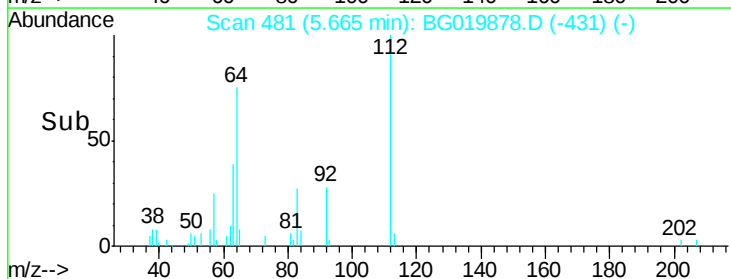
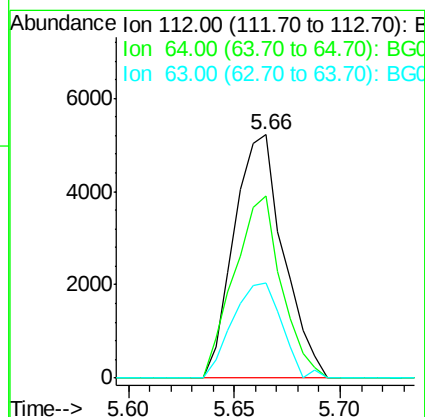
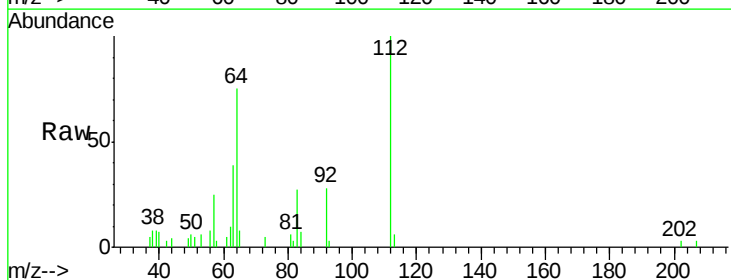
Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-U-S

Tgt Ion:152 Resp: 24670
 Ion Ratio Lower Upper
 152 100
 150 160.8 115.0 172.4
 115 62.3 43.9 65.9



#5
 2-Fluorophenol
 Concen: 6.19 ng
 RT: 5.66 min Scan# 481
 Delta R.T. -0.00 min
 Lab File: BG019878.D
 Acq: 3 Dec 2015 20:02

Tgt Ion:112 Resp: 8449
 Ion Ratio Lower Upper
 112 100
 64 74.6 43.7 65.5#
 63 38.9 24.0 36.0#





#7

Phenol-d6

Concen: 4.24 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-U-S

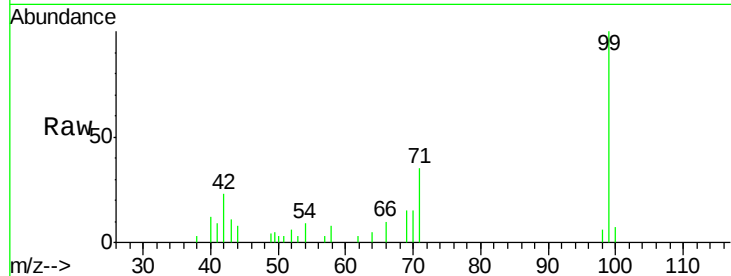
Tgt Ion: 99 Resp: 8736

Ion Ratio Lower Upper

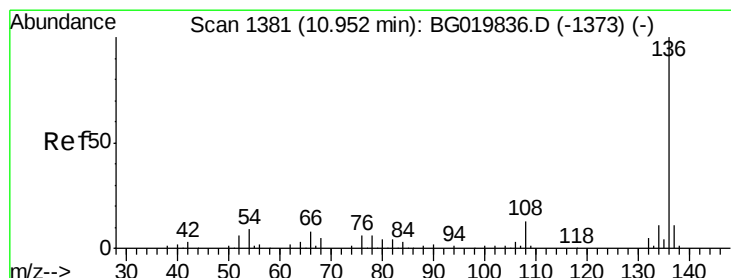
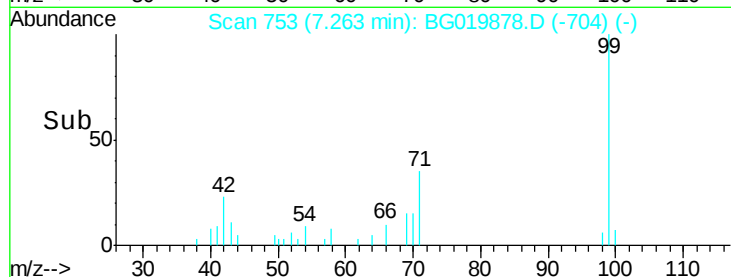
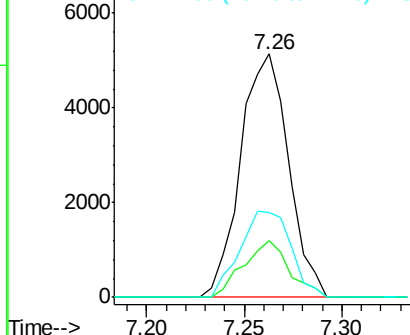
99 100

42 23.2 11.5 17.3#

71 35.1 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: 10.94 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

Tgt Ion: 136 Resp: 110786

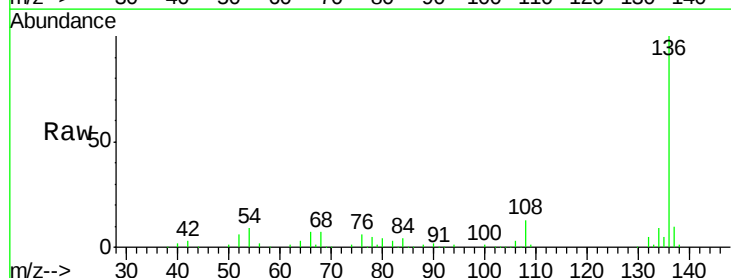
Ion Ratio Lower Upper

136 100

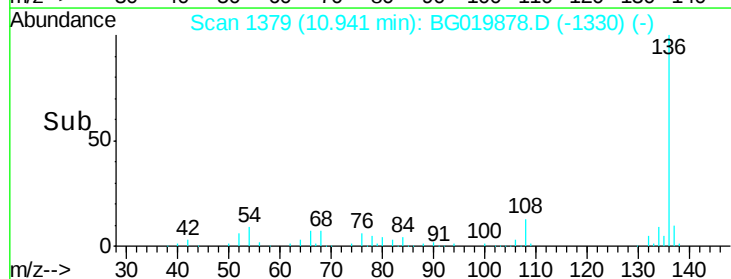
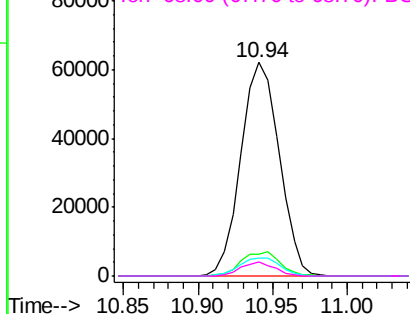
137 10.4 8.6 12.8

54 8.7 5.4 8.2#

68 6.6 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

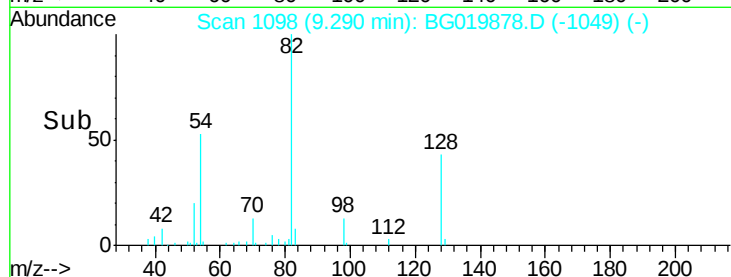
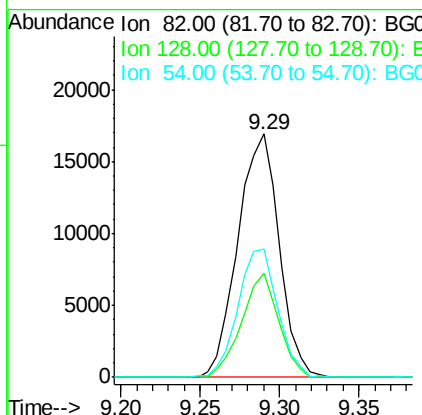
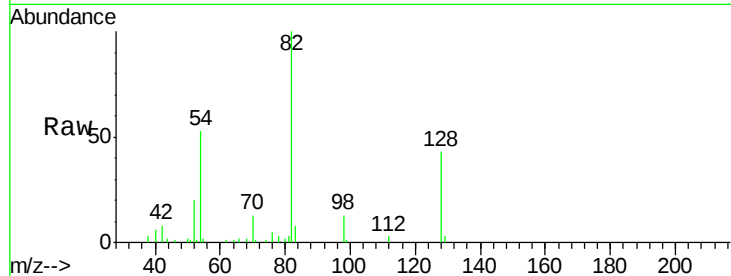




#23
Nitrobenzene-d5
Concen: 14.06 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019878.D
Acq: 3 Dec 2015 20:02

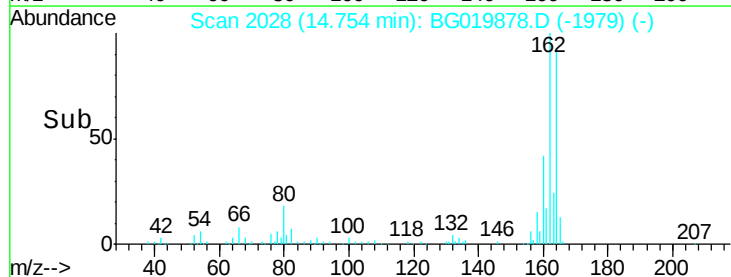
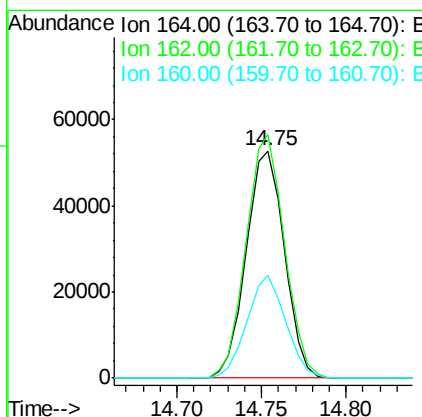
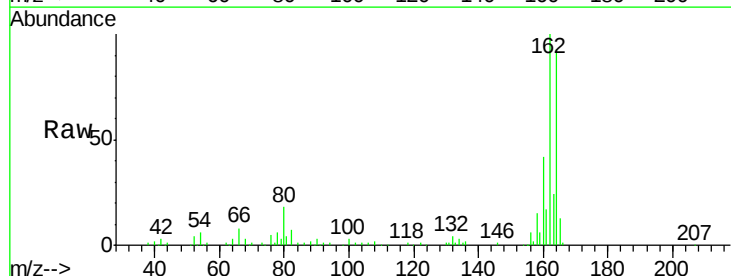
Instrument :
BNA_G
ClientSampleId :
112715-A263-F-U-S

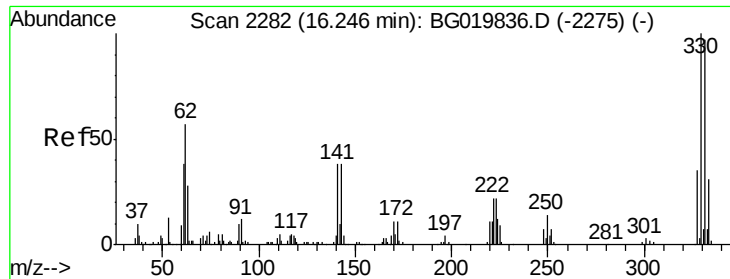
Tgt Ion: 82 Resp: 30522
Ion Ratio Lower Upper
82 100
128 42.9 36.7 55.1
54 52.7 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019878.D
Acq: 3 Dec 2015 20:02

Tgt Ion: 164 Resp: 83085
Ion Ratio Lower Upper
164 100
162 107.2 78.8 118.2
160 45.1 36.4 54.6

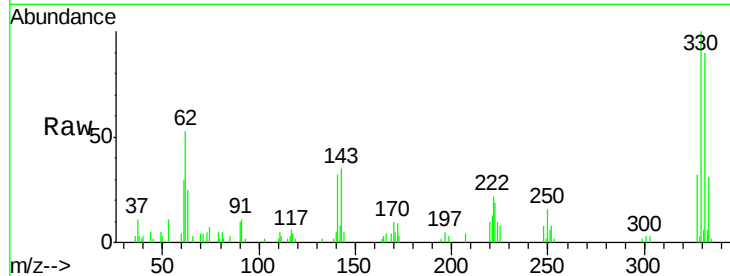




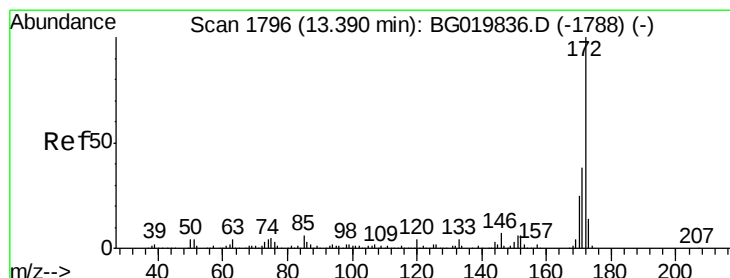
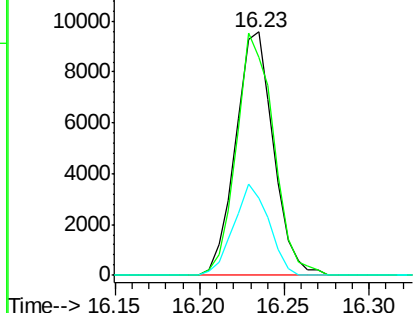
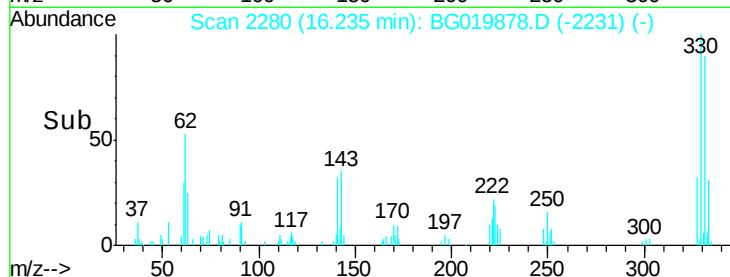
#41
 2,4,6-Tribromophenol
 Concen: 11.74 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019878.D
 Acq: 3 Dec 2015 20:02

Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-U-S

Tgt Ion:330 Resp: 14923
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.1 117.1
 141 34.9 28.2 42.2

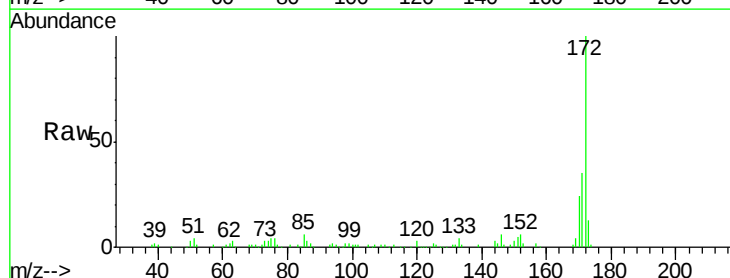


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

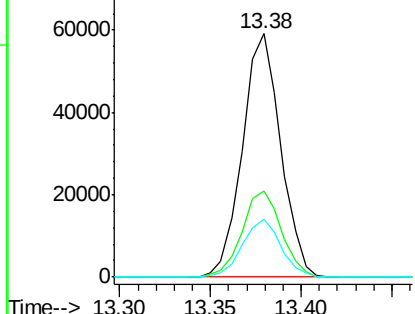
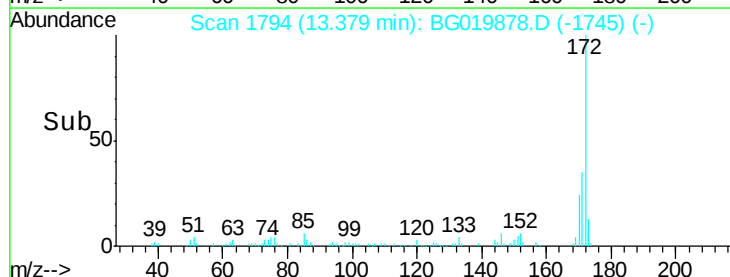


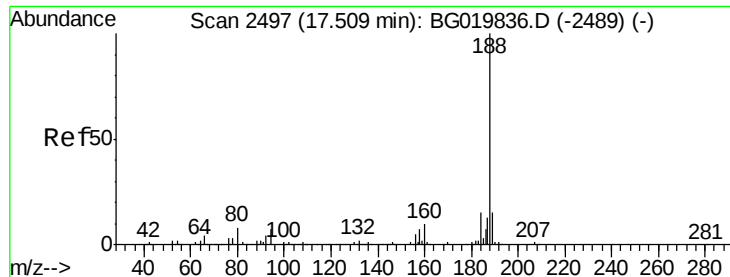
#44
 2-Fluorobiphenyl
 Concen: 14.24 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019878.D
 Acq: 3 Dec 2015 20:02

Tgt Ion:172 Resp: 86625
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.6
 170 23.9 19.9 29.9



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

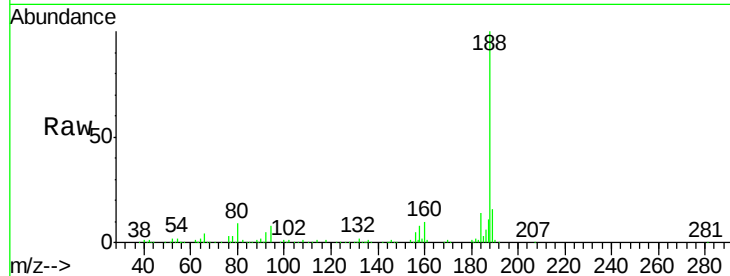




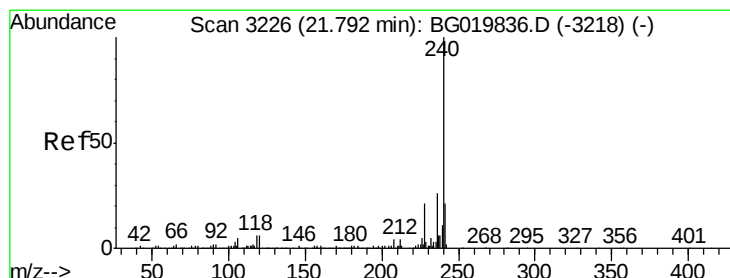
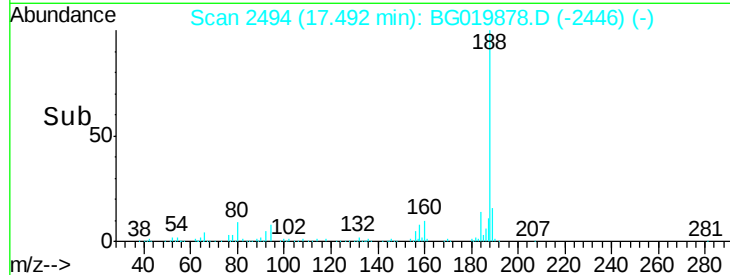
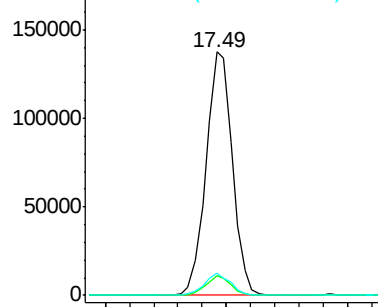
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019878.D
Acq: 3 Dec 2015 20:02

Instrument :
BNA_G
ClientSampleId :
112715-A263-F-U-S

Tgt Ion:188 Resp: 208443
Ion Ratio Lower Upper
188 100
94 7.8 7.7 11.5
80 9.0 7.8 11.8

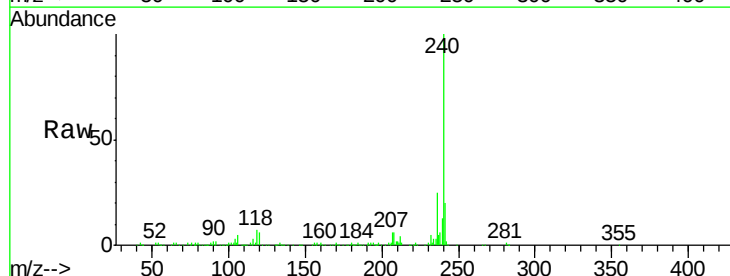


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

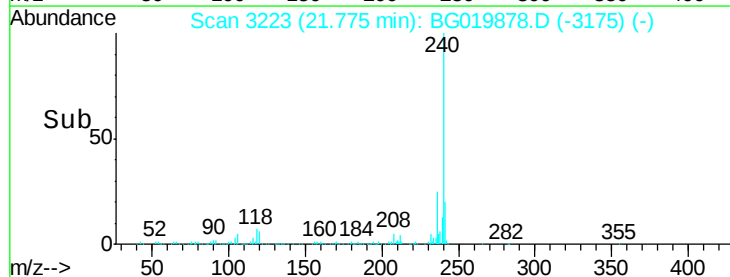
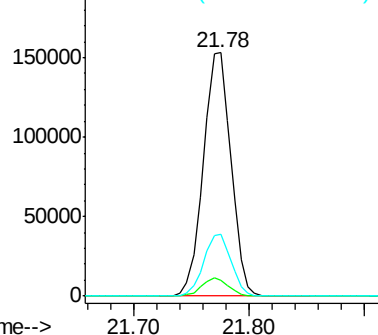


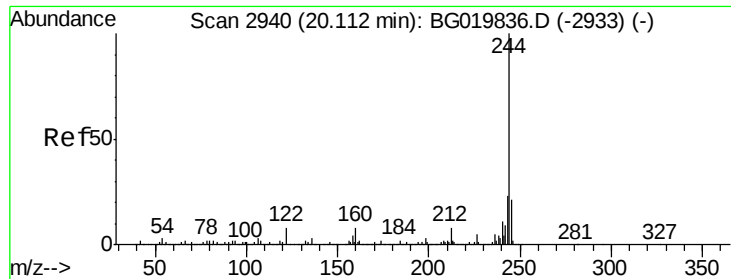
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3223
Delta R.T. -0.02 min
Lab File: BG019878.D
Acq: 3 Dec 2015 20:02

Tgt Ion:240 Resp: 253701
Ion Ratio Lower Upper
240 100
120 6.4 7.4 11.0#
236 25.2 20.7 31.1



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: 15.16 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.02 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-U-S

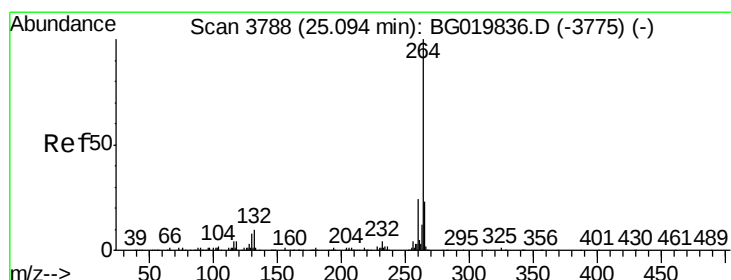
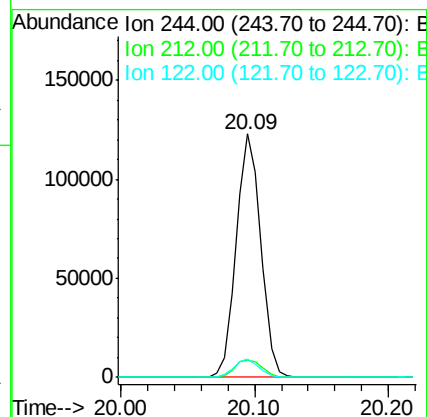
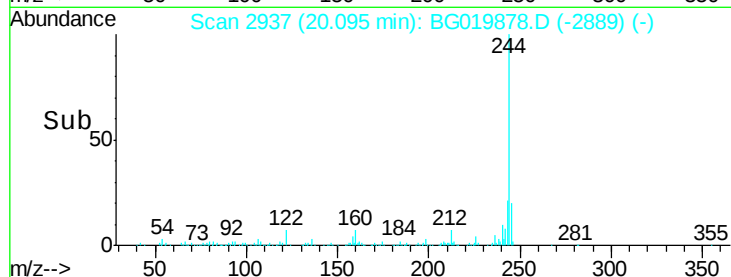
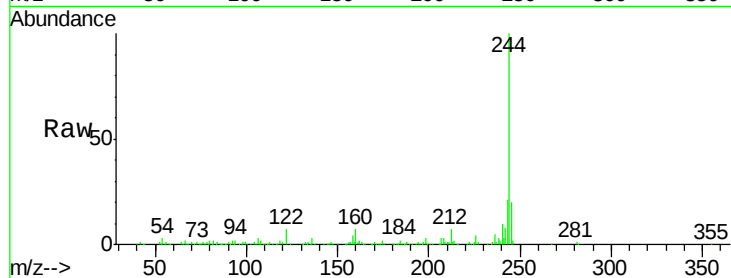
Tgt Ion:244 Resp: 157640

Ion Ratio Lower Upper

244 100

212 7.2 6.9 10.3

122 7.5 10.2 15.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.07 min Scan# 3783

Delta R.T. -0.03 min

Lab File: BG019878.D

Acq: 3 Dec 2015 20:02

Tgt Ion:264 Resp: 236445

Ion Ratio Lower Upper

264 100

260 24.2 18.5 27.7

265 20.6 17.2 25.8

