

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019879.D
 Acq On : 3 Dec 2015 20:41
 Operator : UM/NP
 Sample : G4598-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-D-B

Quant Time: Dec 04 02:52:43 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	25036	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	109568	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	80014	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	201057	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	248544	20.00	ng	-0.02
86) Perylene-d12	25.06	264	234109	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	60613	43.76	ng	0.00
7) Phenol-d6	7.26	99	57874	27.67	ng	-0.01
23) Nitrobenzene-d5	9.29	82	206530	96.20	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	110681	90.41	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	536224	91.50	ng	-0.01
78) Terphenyl-d14	20.10	244	944891	92.73	ng	-0.01

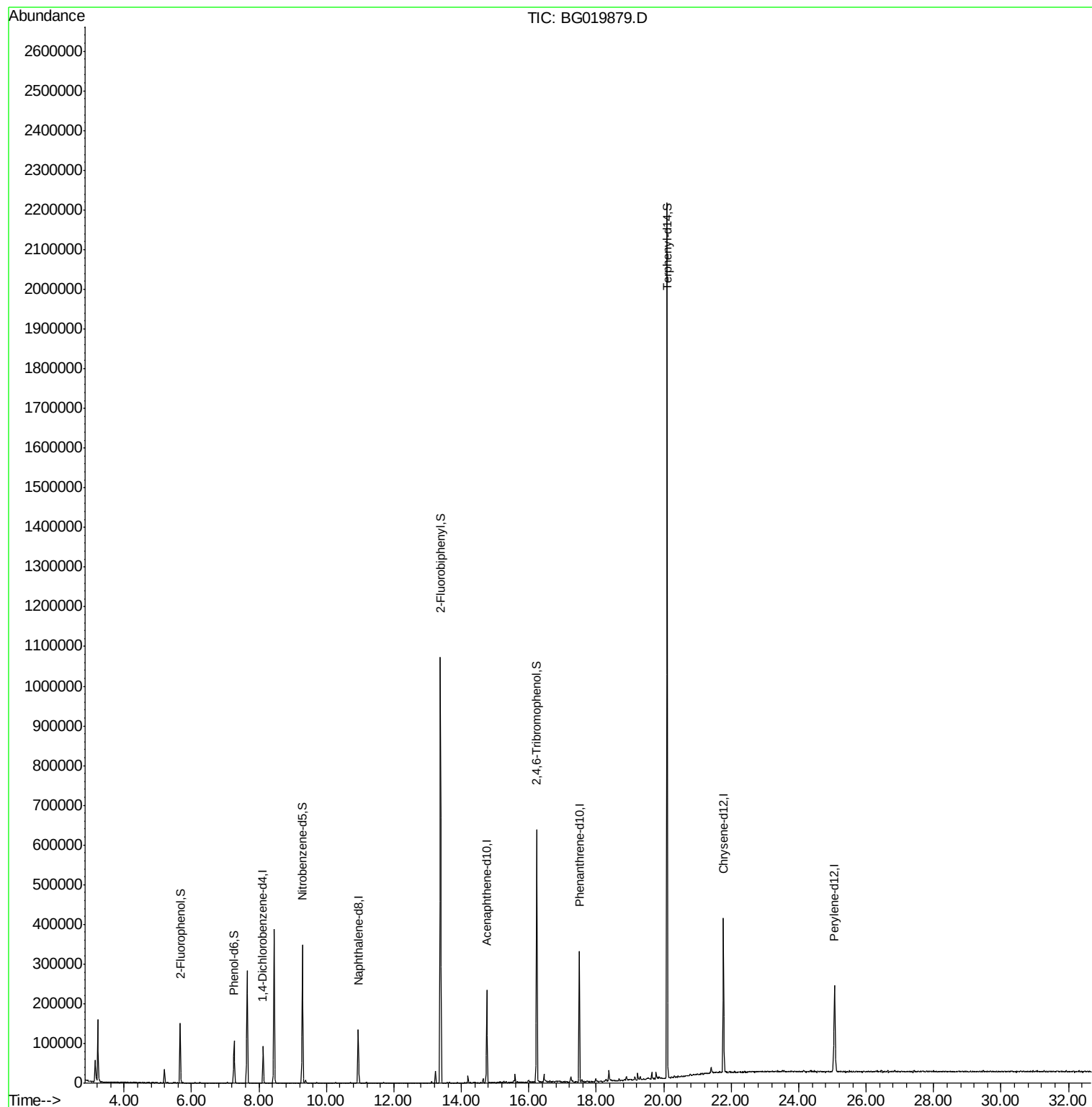
Target Compounds Qvalue

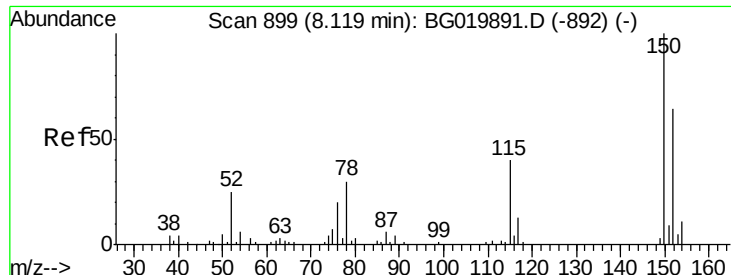
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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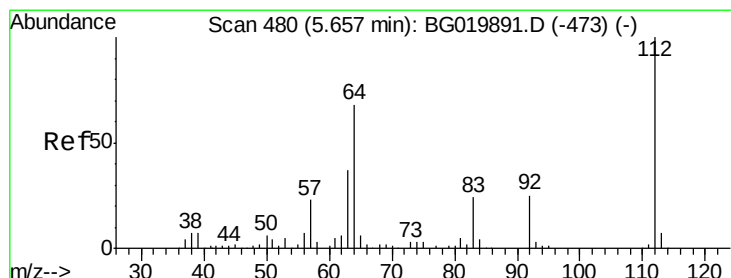
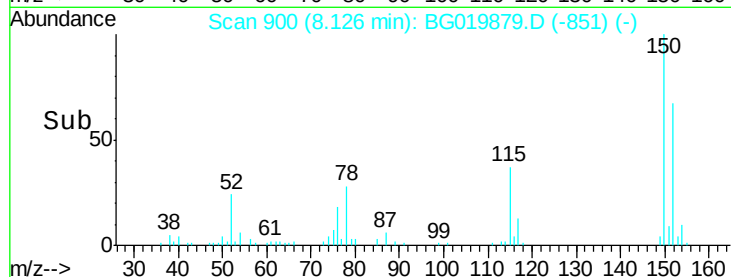
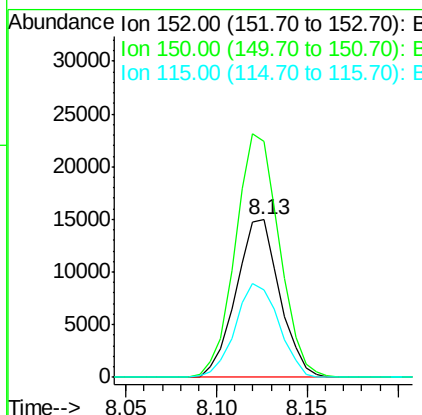
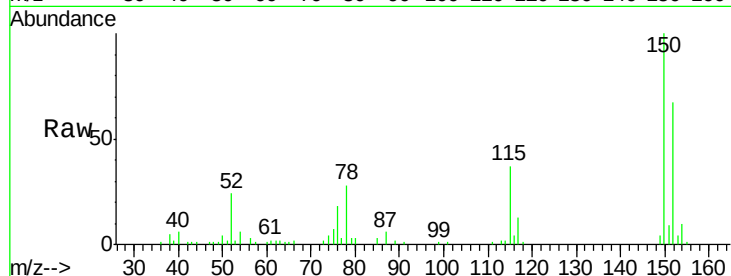


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 900
Delta R.T. -0.01 min
Lab File: BG019879.D
Acq: 3 Dec 2015 20:41

Instrument :
BNA_G
ClientSampleId :
112715-A263-F-D-B

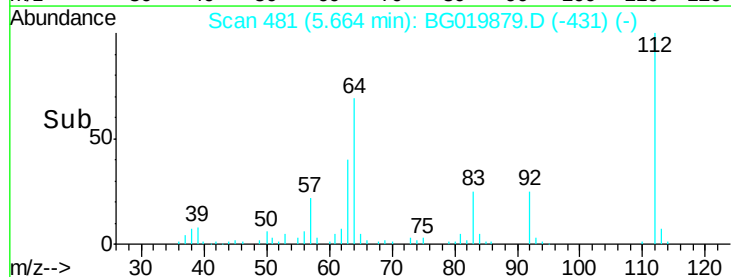
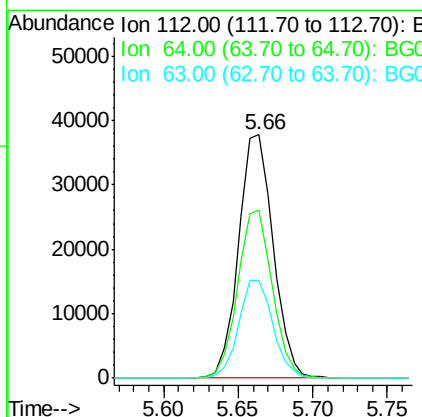
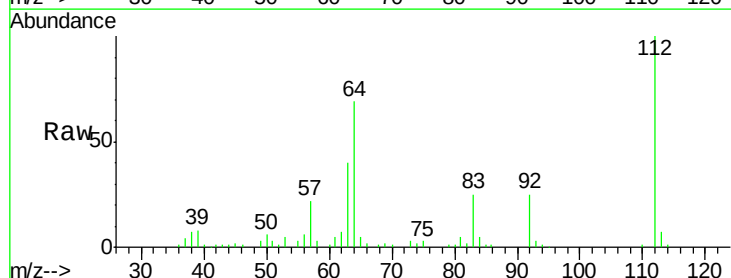
Tot Ion:152 Resp: 25036
Ion Ratio Lower Upper
152 100
150 150.0 115.0 172.4
115 55.2 43.9 65.9

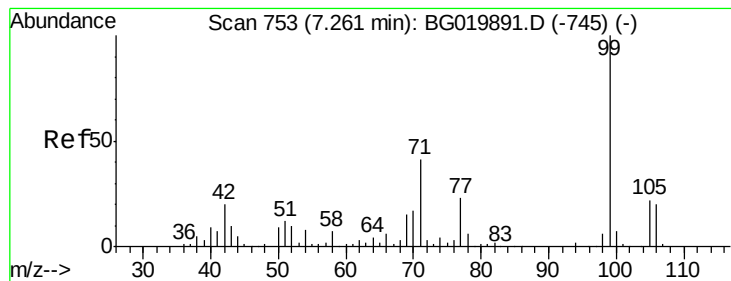


#5

2-Fluorophenol
Concen: 43.76 ng
RT: 5.66 min Scan# 481
Delta R.T. -0.01 min
Lab File: BG019879.D
Acq: 3 Dec 2015 20:41

Tgt Ion:112 Resp: 60613
Ion Ratio Lower Upper
112 100
64 68.8 43.7 65.5#
63 39.9 24.0 36.0#





#7

Phenol-d6

Concen: 27.67 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019879.D

Acq: 3 Dec 2015 20:41

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-D-B

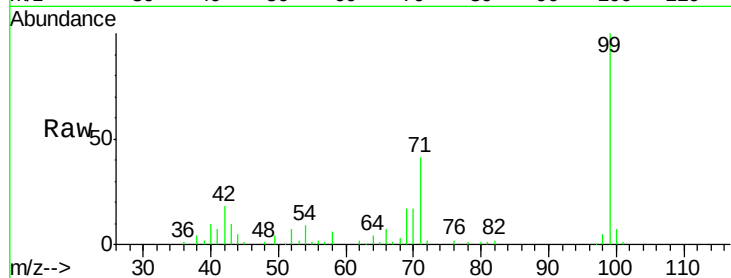
Tot Ion: 99 Resp: 57874

Ion Ratio Lower Upper

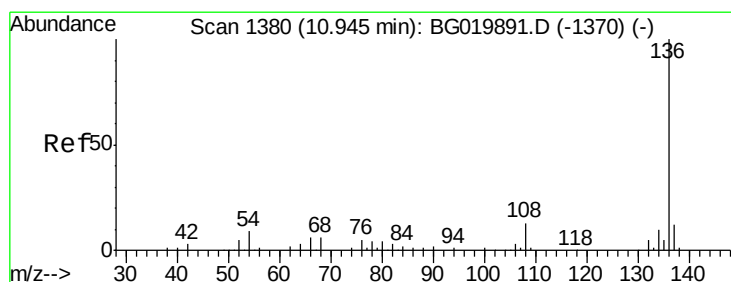
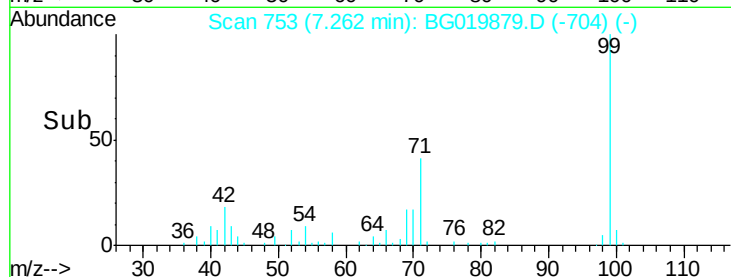
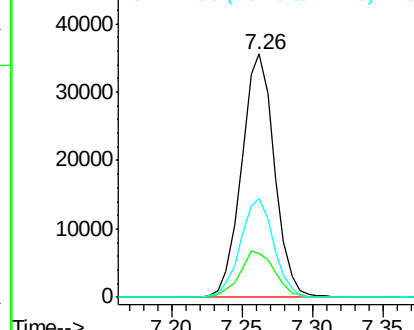
99 100

42 18.2 11.5 17.3#

71 40.5 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: BG019879.D

Acq: 3 Dec 2015 20:41

Tgt Ion: 136 Resp: 109568

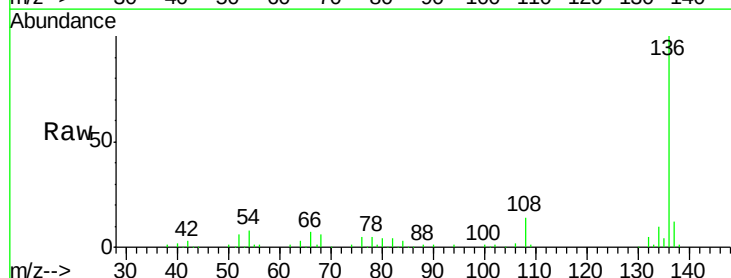
Ion Ratio Lower Upper

136 100

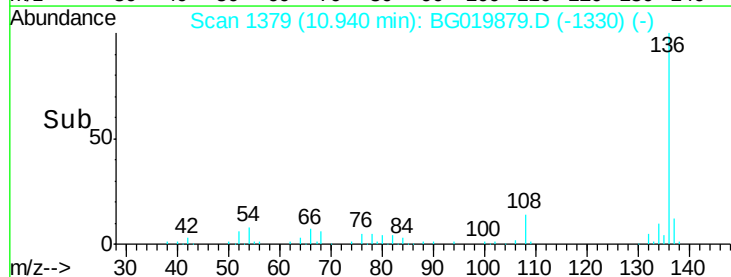
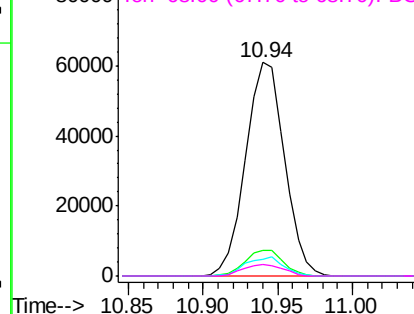
137 11.9 8.6 12.8

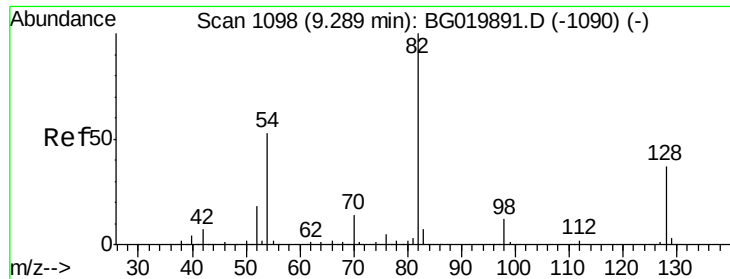
54 8.0 5.4 8.2

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

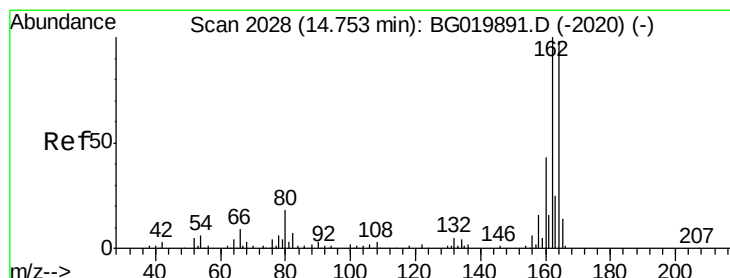
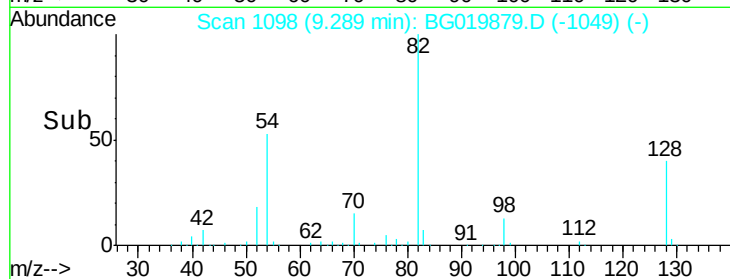
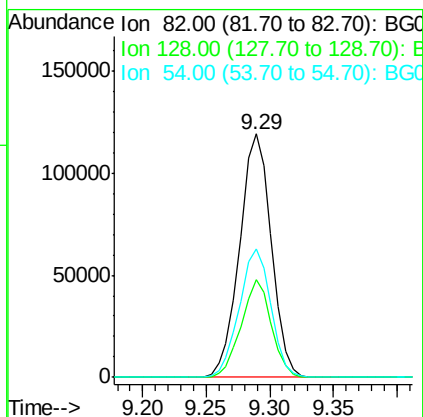
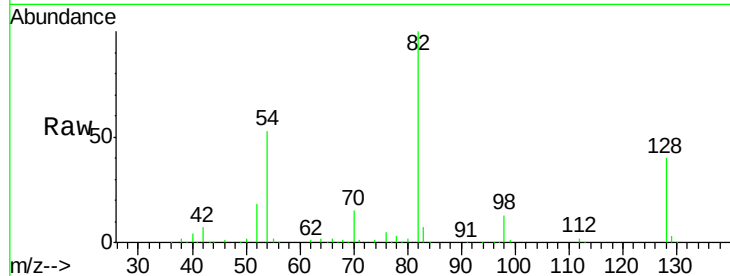




#23
Nitrobenzene-d5
Concen: 96.20 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019879.D
Acq: 3 Dec 2015 20:41

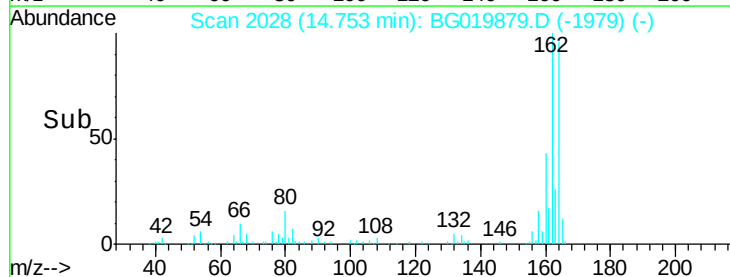
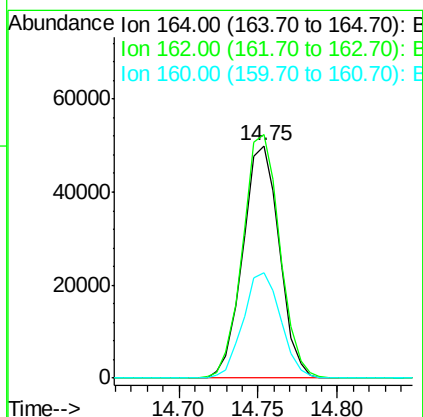
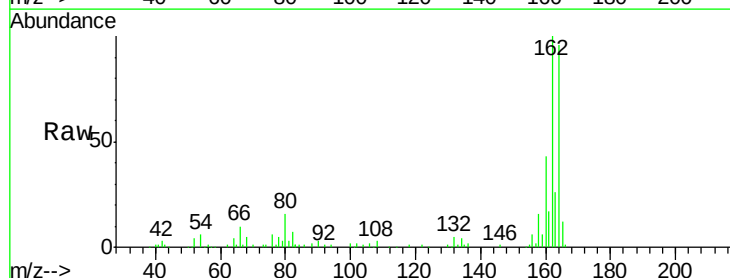
Instrument :
BNA_G
ClientSampleId :
112715-A263-F-D-B

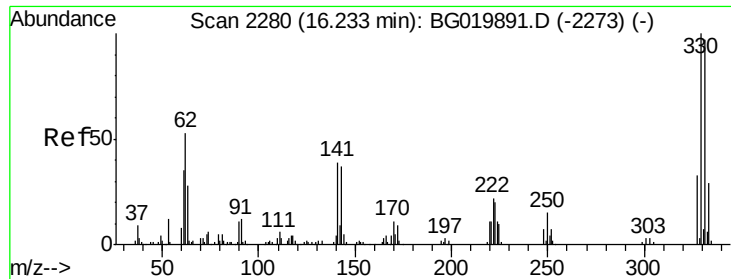
Tot Ion: 82 Resp: 206530
Ion Ratio Lower Upper
82 100
128 40.2 36.7 55.1
54 52.8 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019879.D
Acq: 3 Dec 2015 20:41

Tgt Ion:164 Resp: 80014
Ion Ratio Lower Upper
164 100
162 104.7 78.8 118.2
160 45.1 36.4 54.6

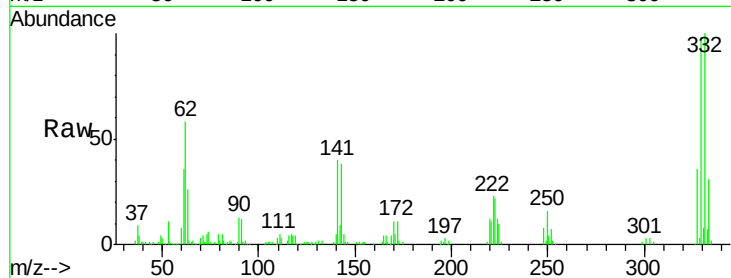




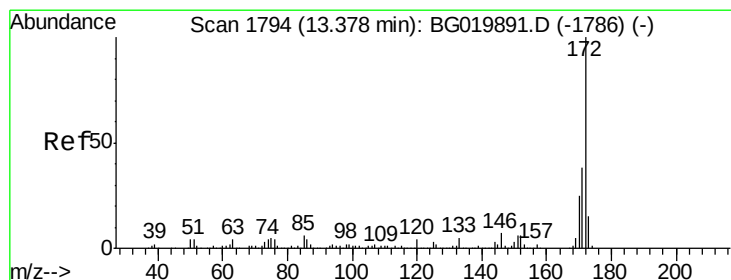
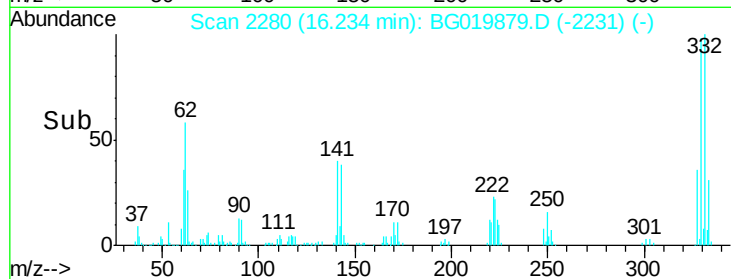
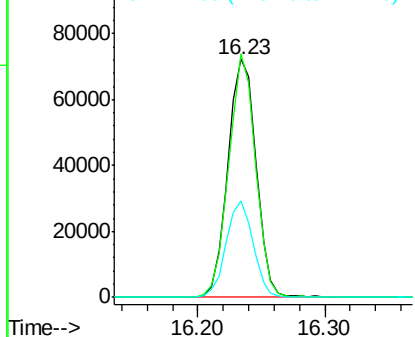
#41
 2,4,6-Tribromophenol
 Concen: 90.41 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG019879.D
 Acq: 3 Dec 2015 20:41

Instrument :
 BNA_G
 ClientSampleId :
 112715-A263-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.1	117.1
141	38.6	28.2	42.2

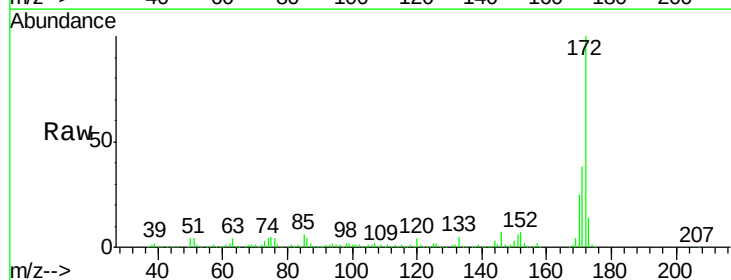


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

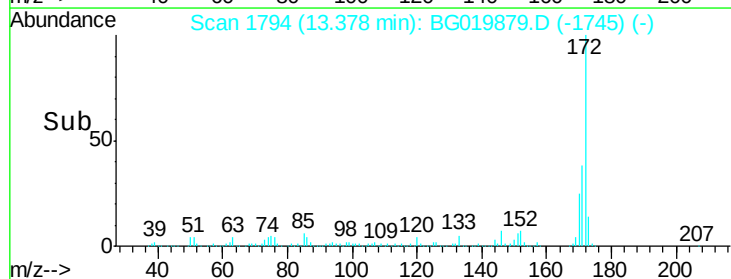
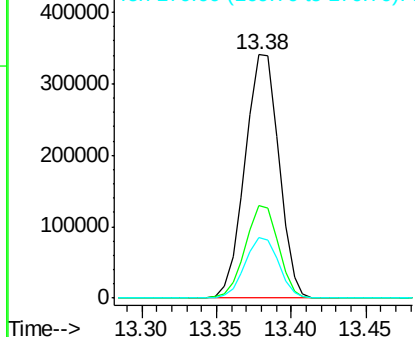


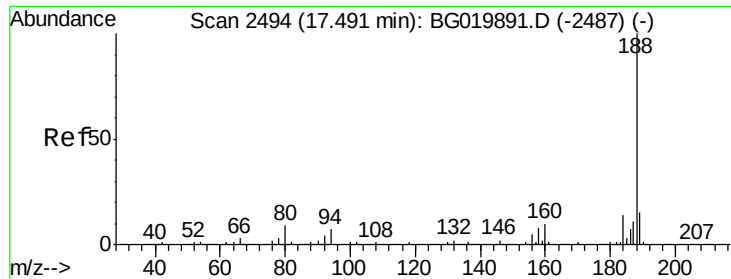
#44
 2-Fluorobiphenyl
 Concen: 91.50 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: BG019879.D
 Acq: 3 Dec 2015 20:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.0	43.6
170	24.8	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

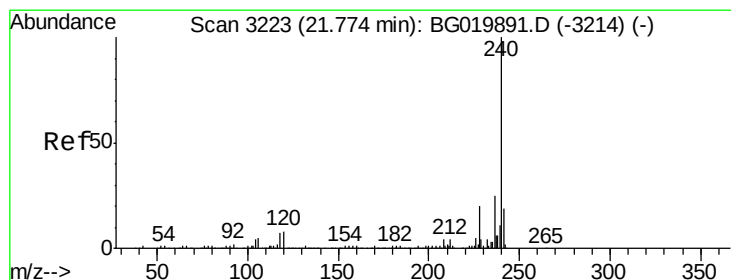
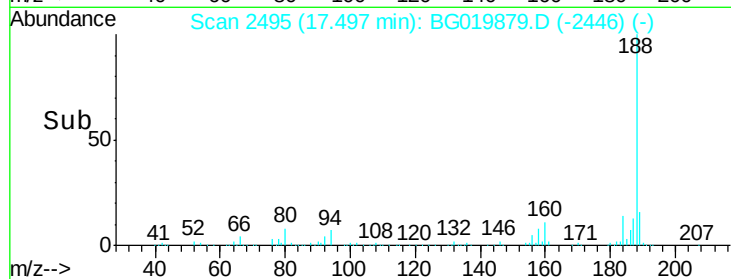
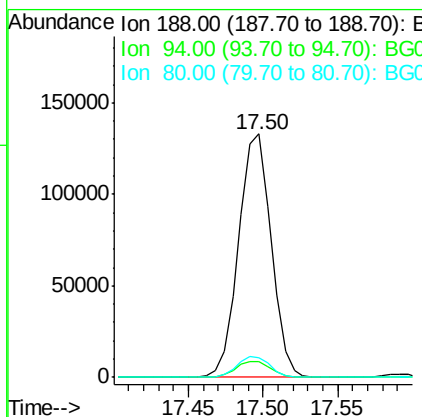
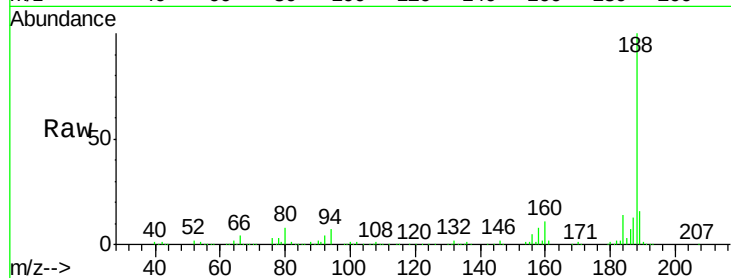




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BG019879.D
Acq: 3 Dec 2015 20:41

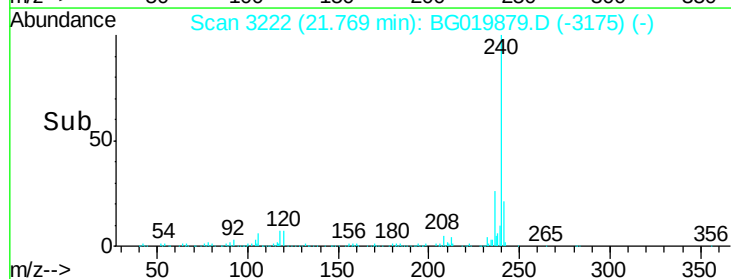
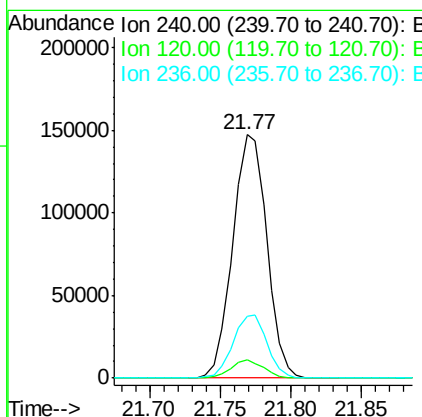
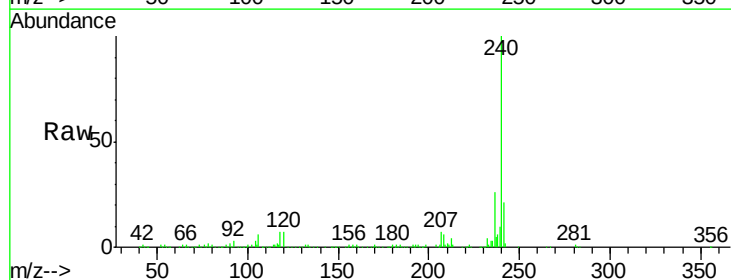
Instrument :
BNA_G
ClientSampleId :
112715-A263-F-D-B

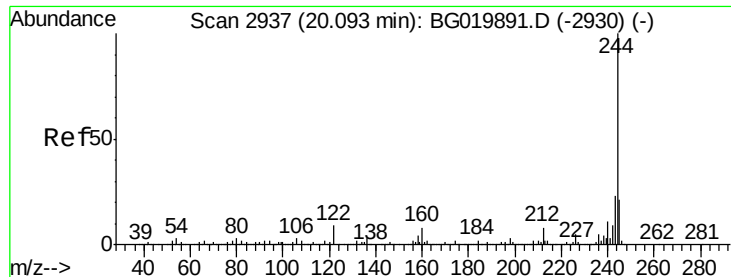
Tot Ion:188 Resp: 201057
Ion Ratio Lower Upper
188 100
94 6.6 7.7 11.5#
80 8.2 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BG019879.D
Acq: 3 Dec 2015 20:41

Tgt Ion:240 Resp: 248544
Ion Ratio Lower Upper
240 100
120 7.3 7.4 11.0#
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 92.73 ng

RT: 20.10 min Scan# 2938

Delta R.T. -0.01 min

Lab File: BG019879.D

Acq: 3 Dec 2015 20:41

Instrument :

BNA_G

ClientSampleId :

112715-A263-F-D-B

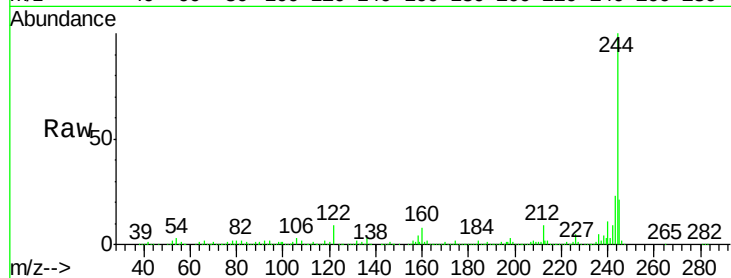
Tot Ion:244 Resp: 944891

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

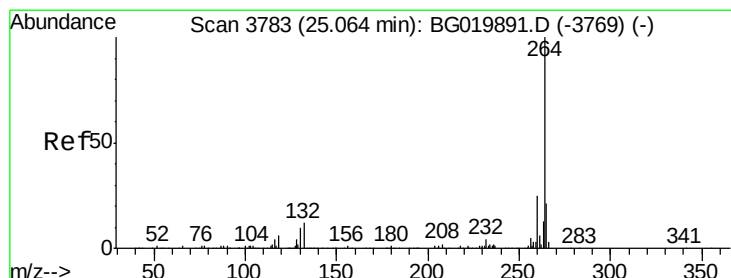
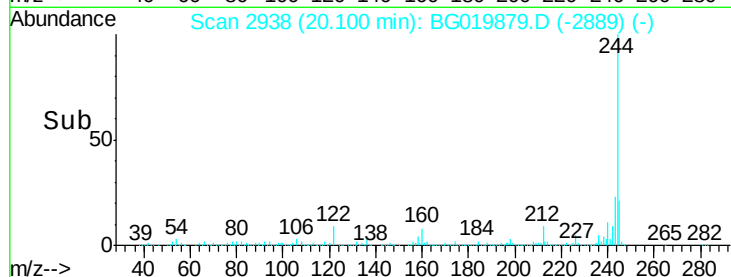
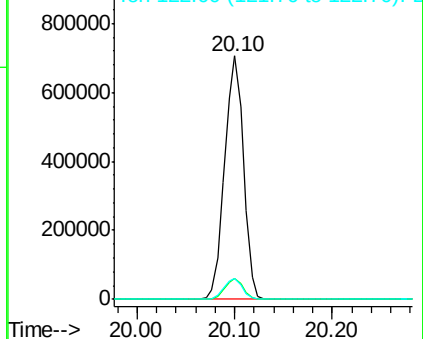
122 8.6 10.2 15.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.06 min Scan# 3783

Delta R.T. -0.03 min

Lab File: BG019879.D

Acq: 3 Dec 2015 20:41

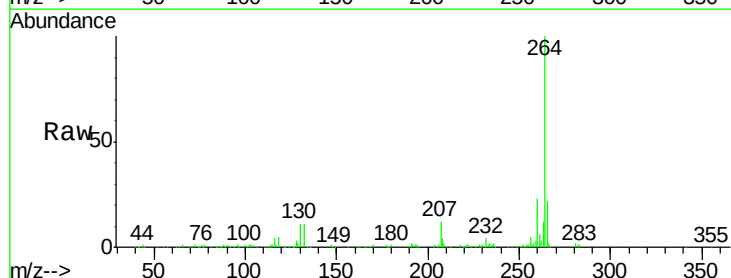
Tgt Ion:264 Resp: 234109

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 21.9 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

