

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
 Data File : BG019119.D
 Acq On : 10 Oct 2015 16:11
 Operator : UM/NP
 Sample : PB86050BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB86050BL

Quant Time: Oct 12 06:53:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 06:30:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	14287	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	59713	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	42657	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	117740	20.00	ng	0.00
75) Chrysene-d12	21.68	240	151836	20.00	ng	0.00
86) Perylene-d12	24.90	264	145721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	96432	137.43	ng	0.00
7) Phenol-d6	7.20	99	143171	132.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	96693	89.47	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	75379	129.68	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	241795	87.16	ng	0.00
78) Terphenyl-d14	20.02	244	520282	90.52	ng	0.00

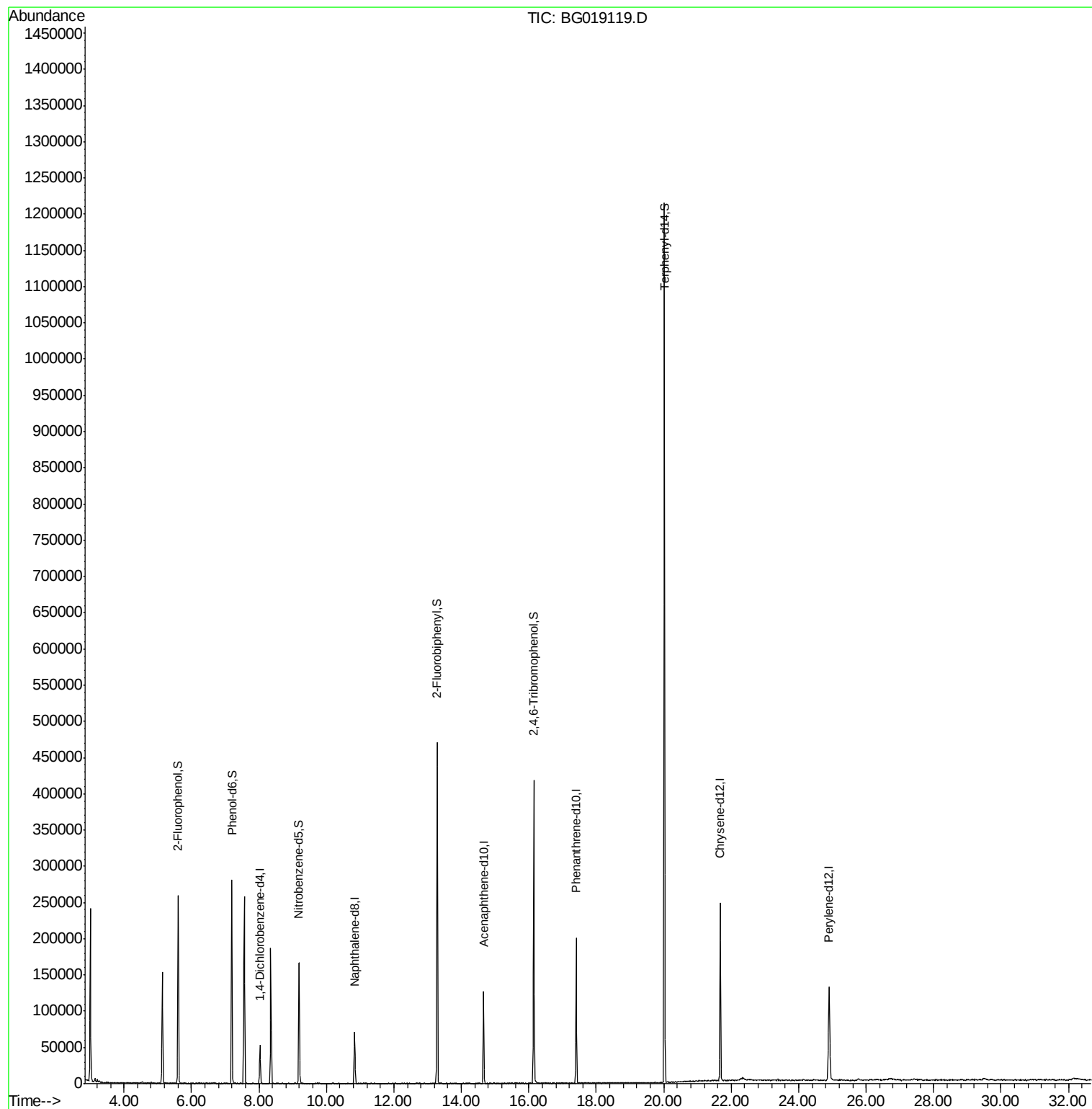
Target Compounds	Qvalue
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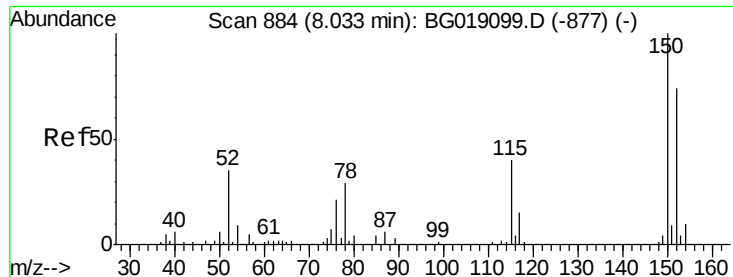
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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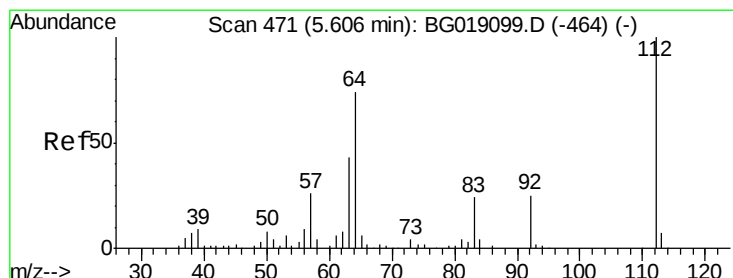
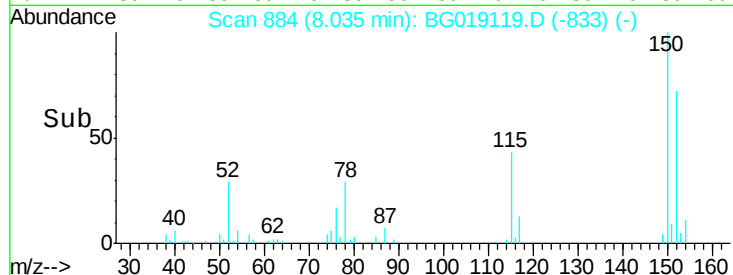
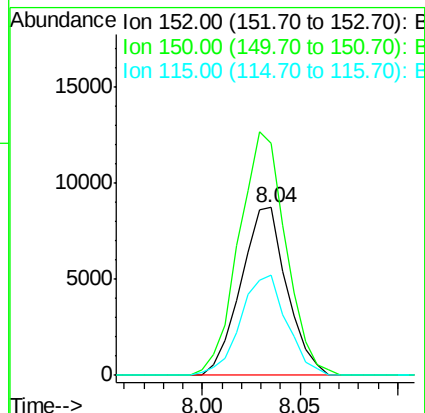
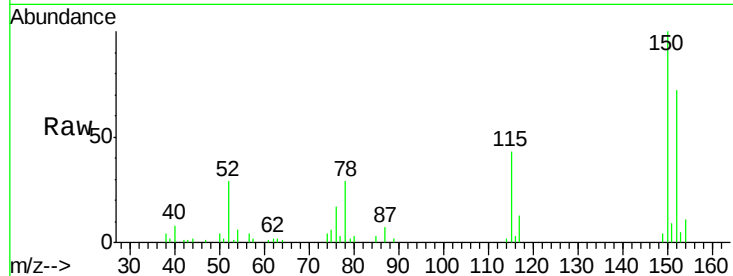


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019119.D
Acq: 10 Oct 2015 16:11

Instrument :
BNA_G
ClientSampleId :
PB86050BL

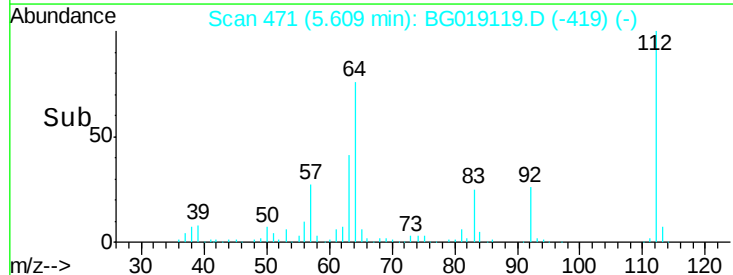
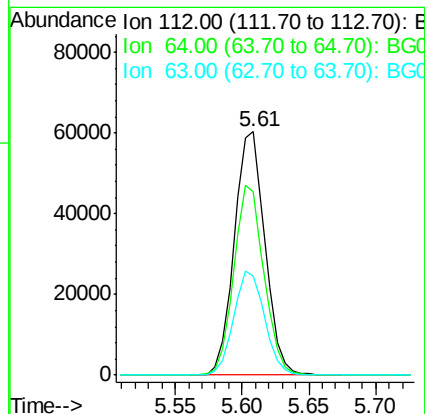
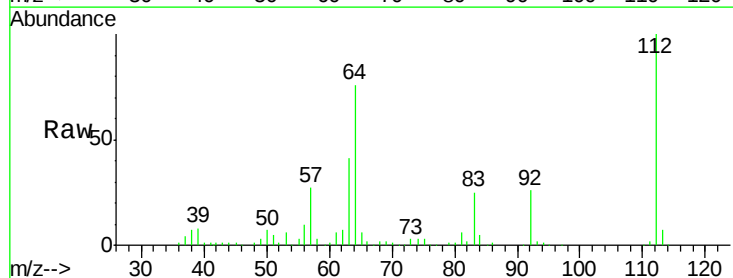
Tgt Ion:152 Resp: 14287
Ion Ratio Lower Upper
152 100
150 138.3 108.2 162.2
115 59.5 43.2 64.8



#5

2-Fluorophenol
Concen: 137.43 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019119.D
Acq: 10 Oct 2015 16:11

Tgt Ion:112 Resp: 96432
Ion Ratio Lower Upper
112 100
64 75.6 59.0 88.4
63 40.6 34.7 52.1





#7

Phenol-d6

Concen: 132.82 ng

RT: 7.20 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019119.D

Acq: 10 Oct 2015 16:11

Instrument :

BNA_G

ClientSampleId :

PB86050BL

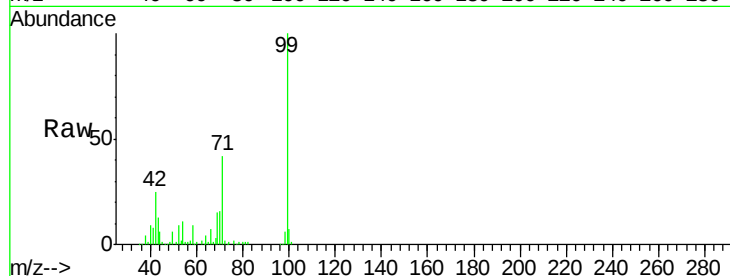
Tgt Ion: 99 Resp: 143171

Ion Ratio Lower Upper

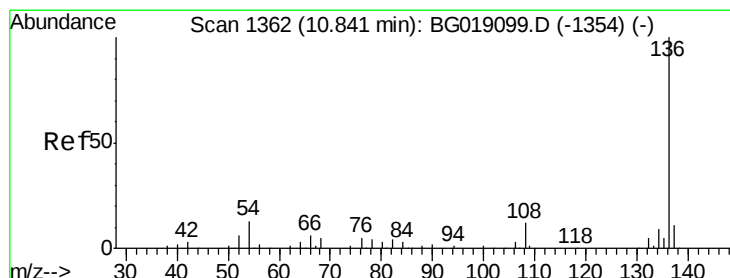
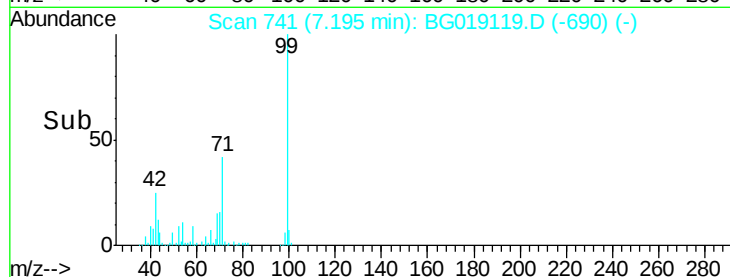
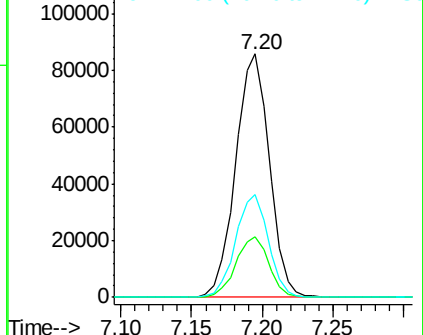
99 100

42 24.7 19.5 29.3

71 42.1 31.4 47.0



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: 10.84 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BG019119.D

Acq: 10 Oct 2015 16:11

Tgt Ion: 136 Resp: 59713

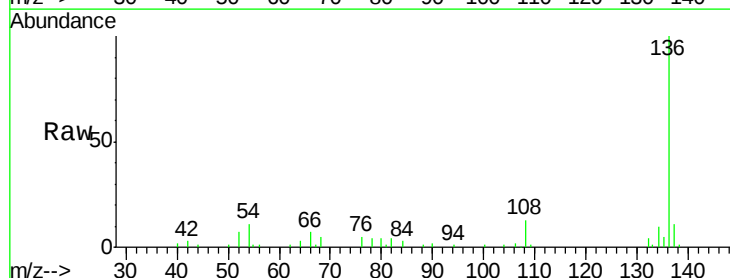
Ion Ratio Lower Upper

136 100

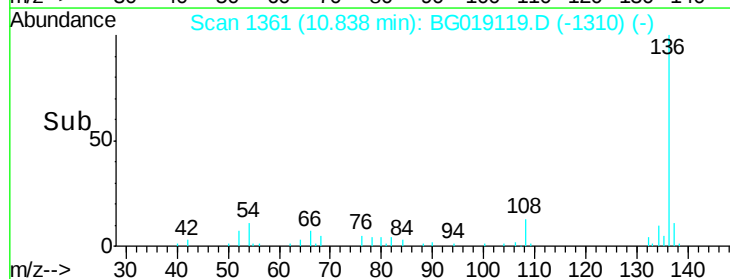
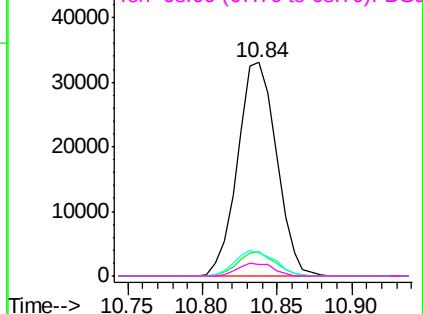
137 11.3 9.0 13.4

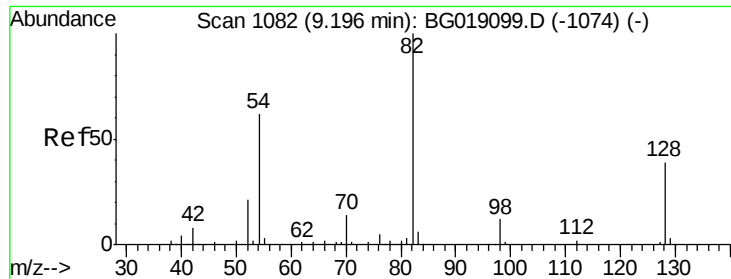
54 11.0 10.1 15.1

68 5.4 4.4 6.6



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

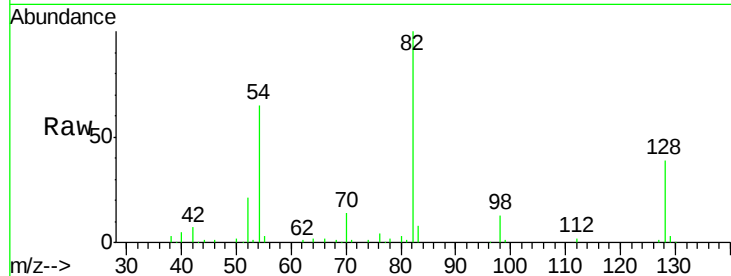




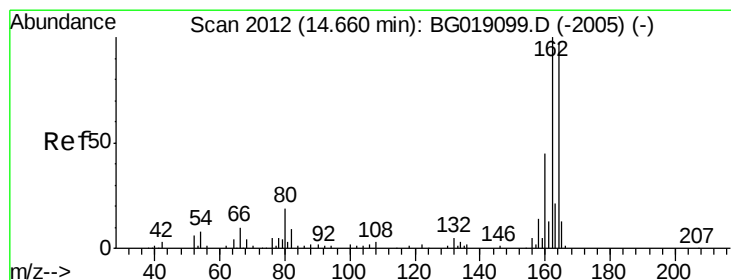
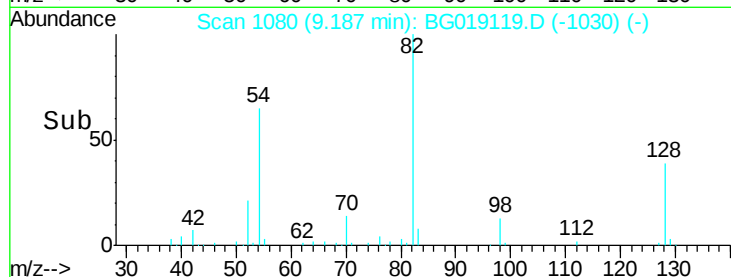
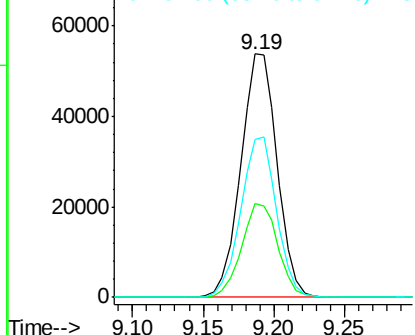
#23
 Nitrobenzene-d5
 Concen: 89.47 ng
 RT: 9.19 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BG019119.D
 Acq: 10 Oct 2015 16:11

Instrument :
 BNA_G
 ClientSampleId :
 PB86050BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.4	47.2
54	65.1	50.0	75.0

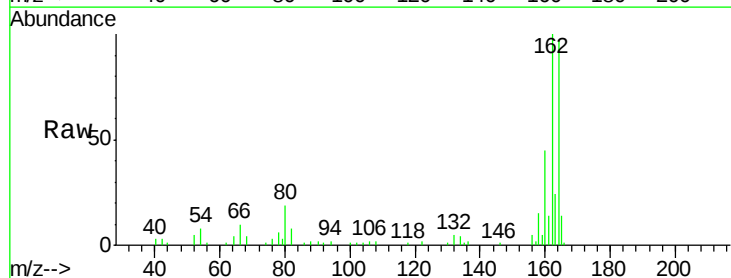


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

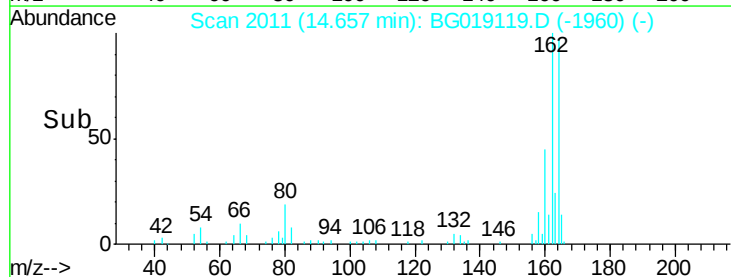
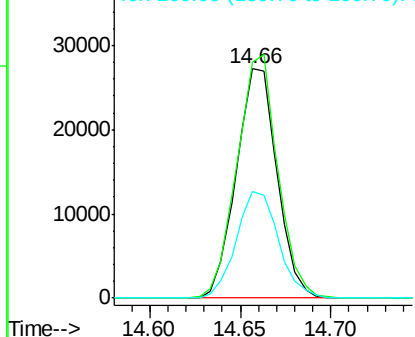


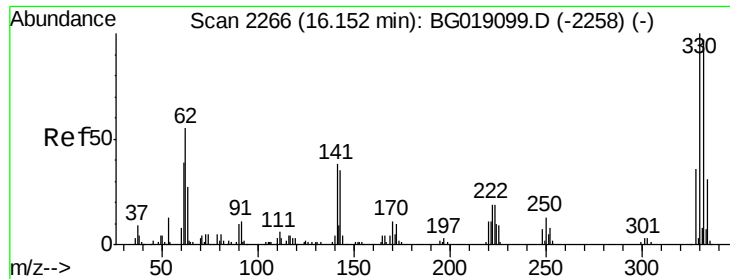
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BG019119.D
 Acq: 10 Oct 2015 16:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	124.0
160	46.7	36.9	55.3



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

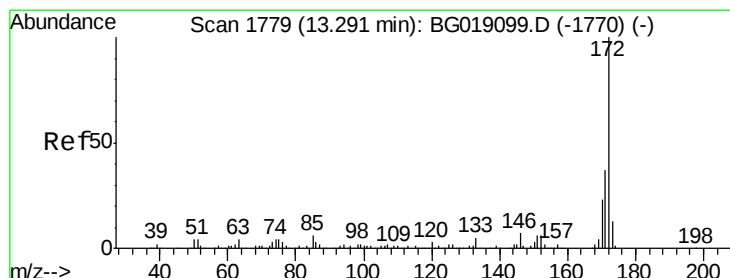
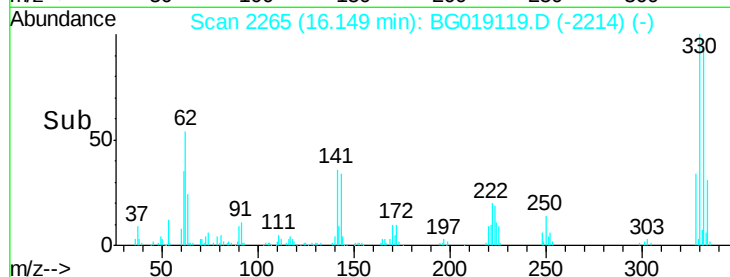
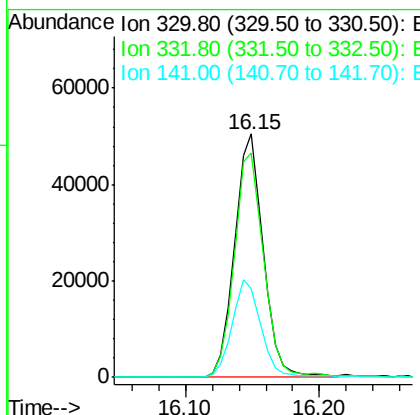
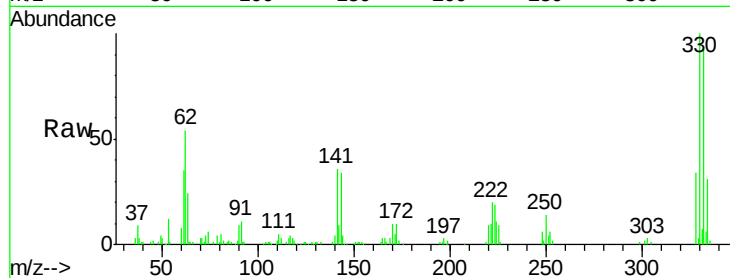




#41
 2,4,6-Tribromophenol
 Concen: 129.68 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019119.D
 Acq: 10 Oct 2015 16:11

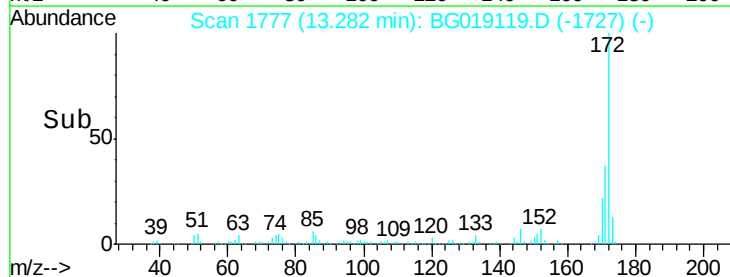
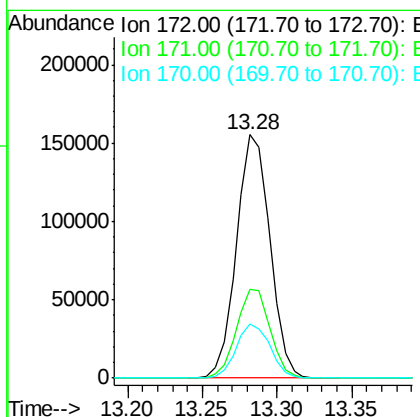
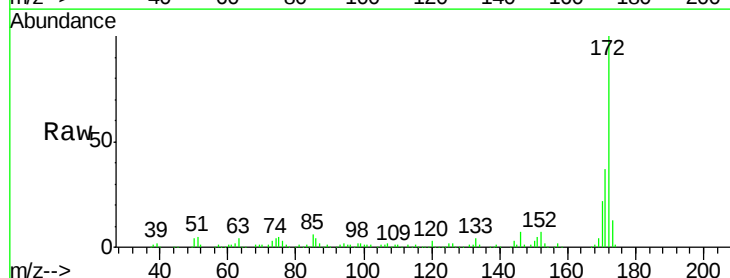
Instrument :
 BNA_G
 ClientSampleId :
 PB86050BL

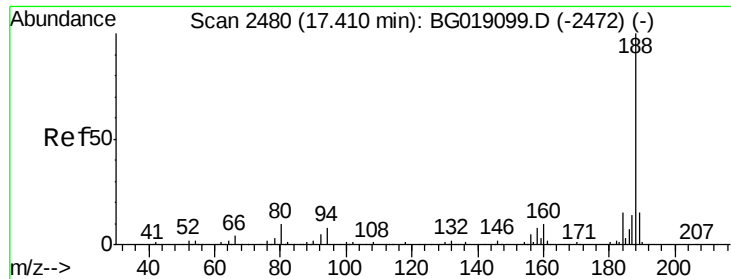
Tgt Ion: 330 Resp: 75379
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.3 115.9
 141 40.4 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 87.16 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG019119.D
 Acq: 10 Oct 2015 16:11

Tgt Ion: 172 Resp: 241795
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.9 44.9
 170 22.4 18.6 27.8

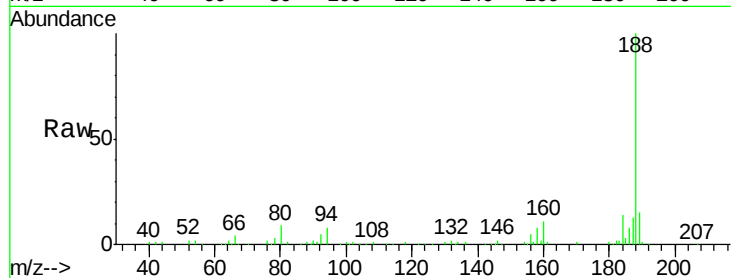




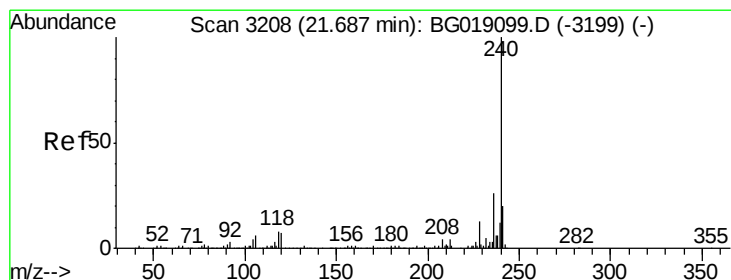
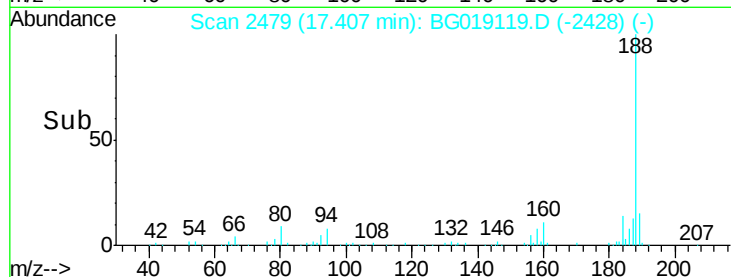
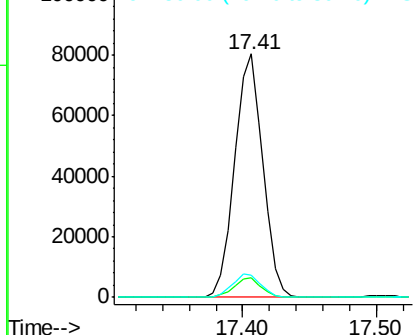
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019119.D
Acq: 10 Oct 2015 16:11

Instrument :
BNA_G
ClientSampleId :
PB86050BL

Tgt Ion:188 Resp: 117740
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 9.1 7.6 11.4

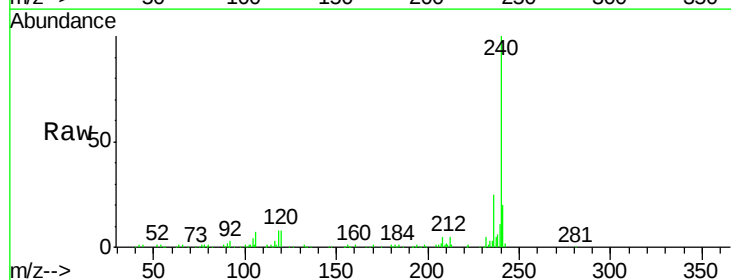


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

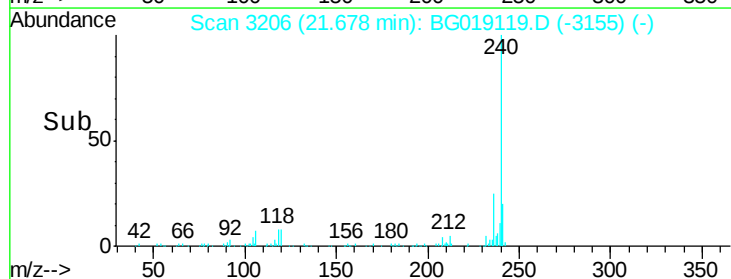
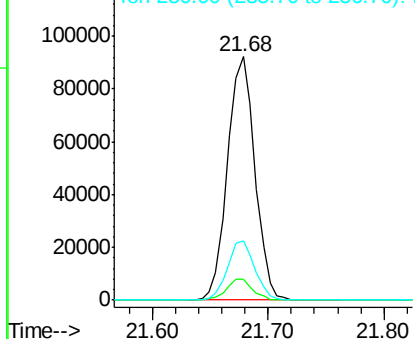


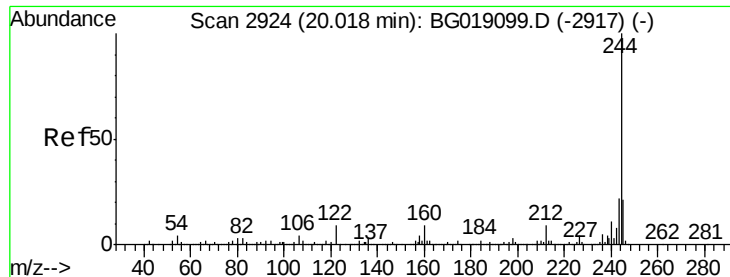
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG019119.D
Acq: 10 Oct 2015 16:11

Tgt Ion:240 Resp: 151836
Ion Ratio Lower Upper
240 100
120 8.4 5.8 8.6
236 24.5 21.2 31.8



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

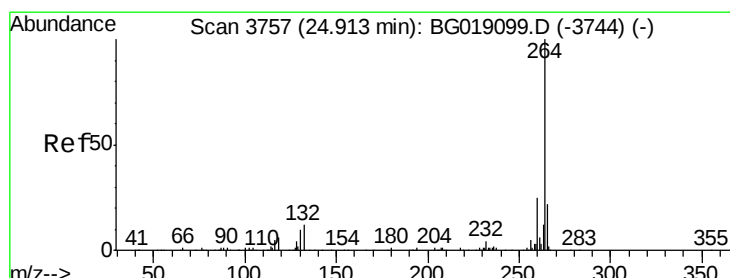
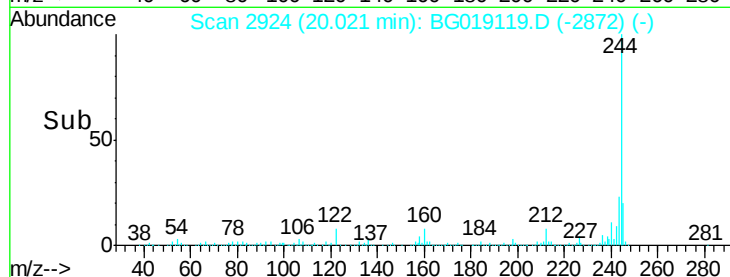
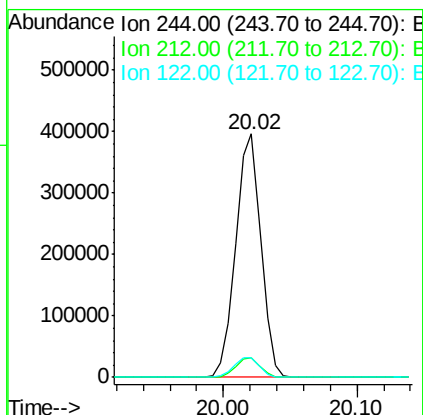
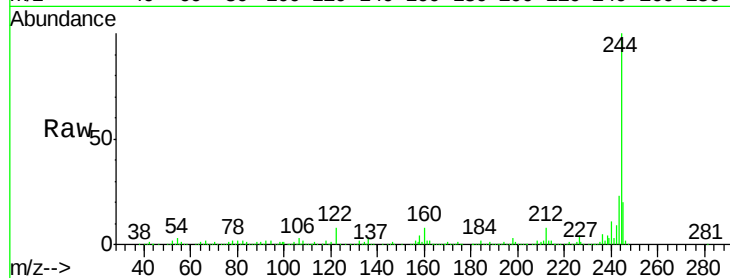




#78
 Terphenyl-d14
 Concen: 90.52 ng
 RT: 20.02 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BG019119.D
 Acq: 10 Oct 2015 16:11

Instrument :
 BNA_G
 ClientSampleId :
 PB86050BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.8	10.2
122	8.2	7.4	11.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.90 min Scan# 3754
 Delta R.T. -0.01 min
 Lab File: BG019119.D
 Acq: 10 Oct 2015 16:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.1	30.1
265	21.5	17.2	25.8

