

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019135.D
 Acq On : 11 Oct 2015 2:17
 Operator : UM/NP
 Sample : G3929-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 07:24:51 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 07:23:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16888	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	75663	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	55674	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	142738	20.00	ng	0.00
75) Chrysene-d12	21.68	240	171949	20.00	ng	0.00
86) Perylene-d12	24.91	264	166418	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	57318	69.10	ng	0.00
7) Phenol-d6	7.19	99	53598	42.06	ng	0.00
23) Nitrobenzene-d5	9.19	82	156813	114.51	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	125739	165.74	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	397103	109.67	ng	0.00
78) Terphenyl-d14	20.02	244	640198	98.35	ng	0.00

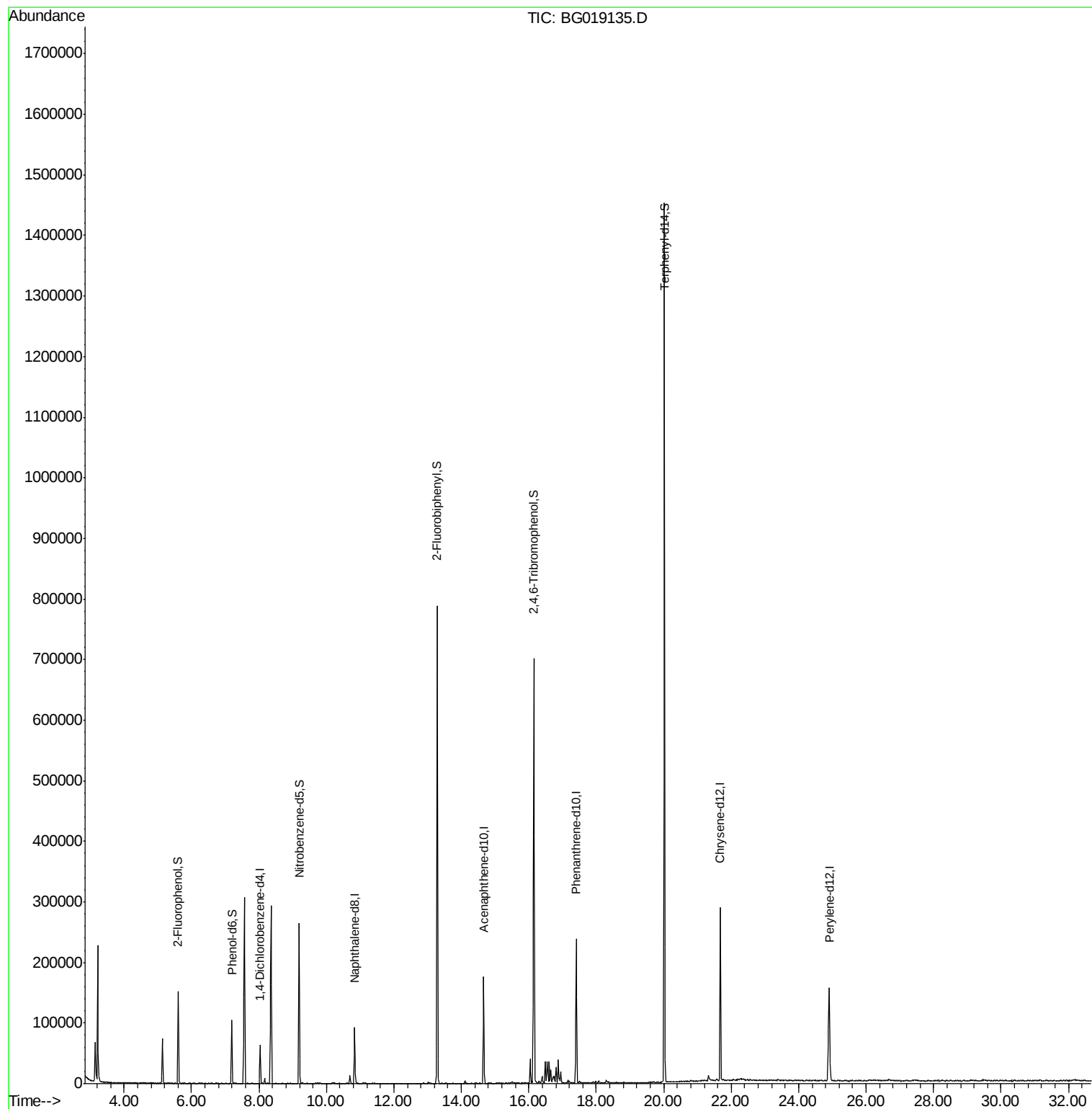
Target Compounds Qvalue

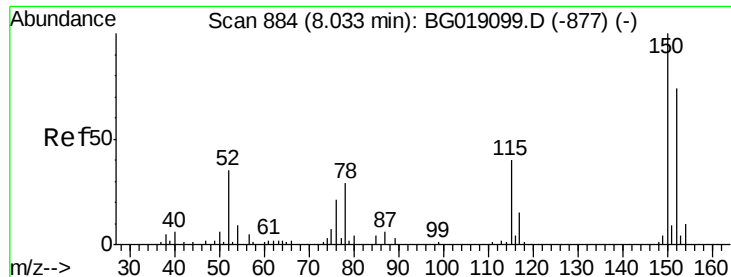
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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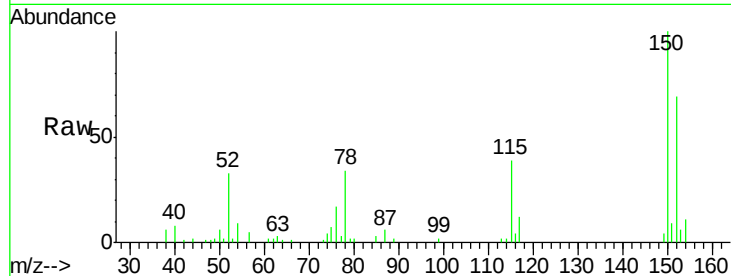


#1

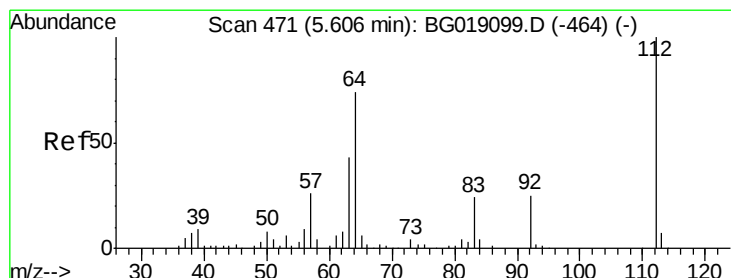
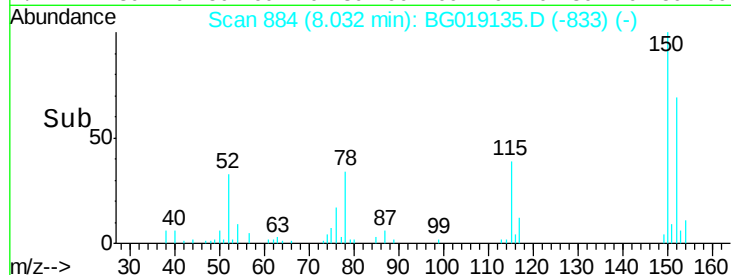
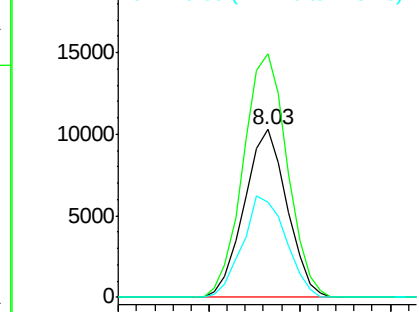
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG019135.D
Acq: 11 Oct 2015 2:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 16888
Ion Ratio Lower Upper
152 100
150 145.0 108.2 162.2
115 56.9 43.2 64.8



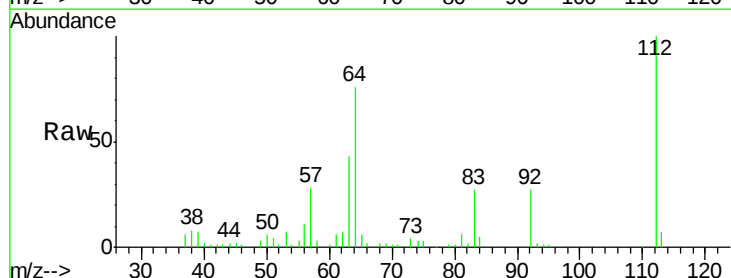
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



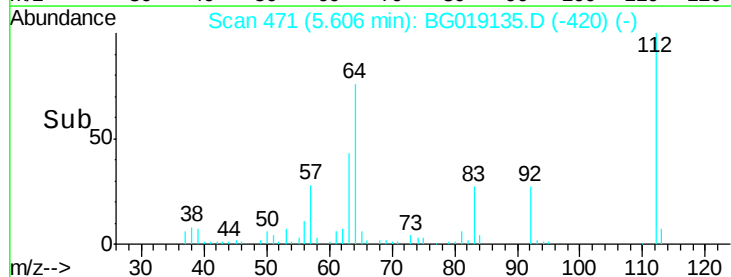
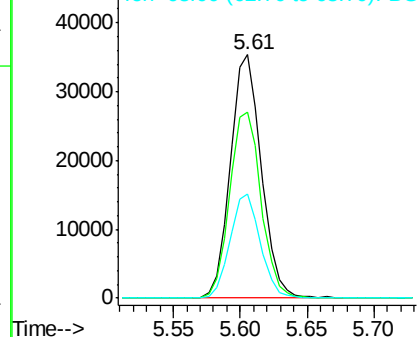
#5

2-Fluorophenol
Concen: 69.10 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019135.D
Acq: 11 Oct 2015 2:17

Tgt Ion:112 Resp: 57318
Ion Ratio Lower Upper
112 100
64 76.5 59.0 88.4
63 42.9 34.7 52.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 42.06 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019135.D

Acq: 11 Oct 2015 2:17

Instrument :

BNA_G

ClientSampleId :

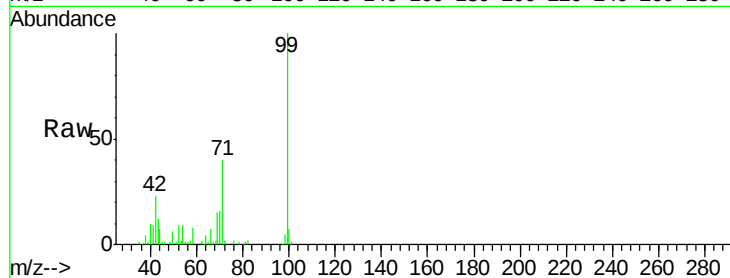
Tot Ion: 99 Resp: 53598

Ion Ratio Lower Upper

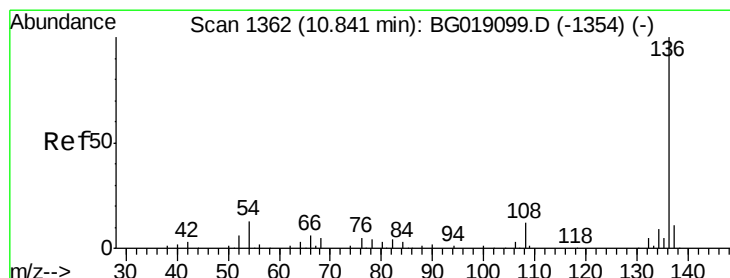
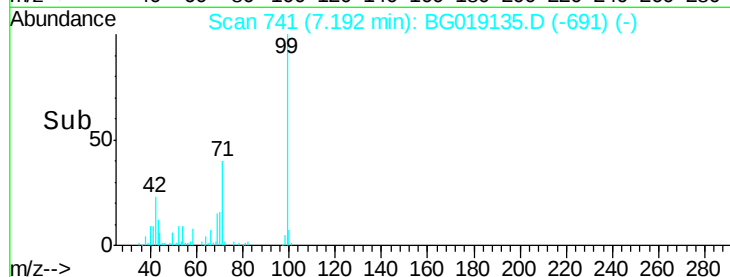
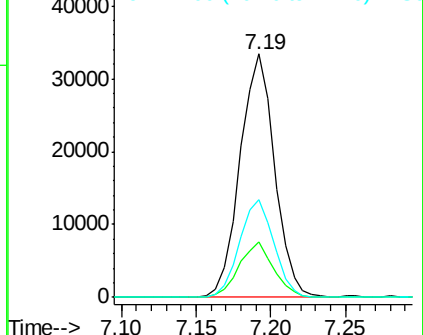
99 100

42 22.9 19.5 29.3

71 40.3 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: 10.83 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BG019135.D

Acq: 11 Oct 2015 2:17

Tgt Ion: 136 Resp: 75663

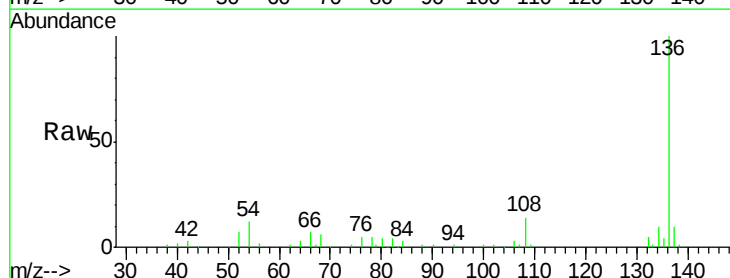
Ion Ratio Lower Upper

136 100

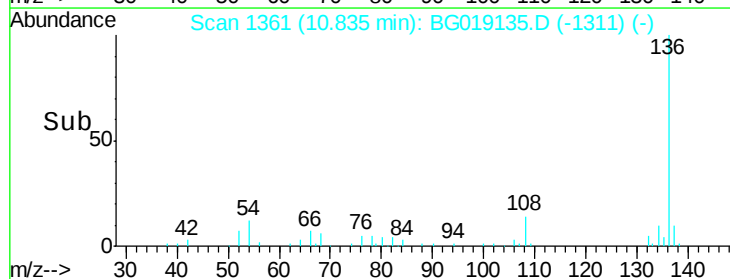
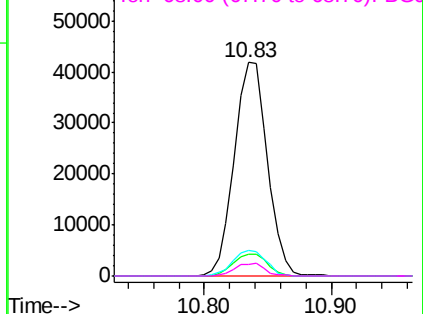
137 10.2 9.0 13.4

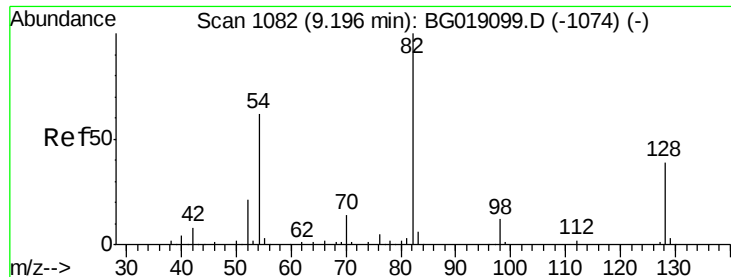
54 12.1 10.1 15.1

68 5.6 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

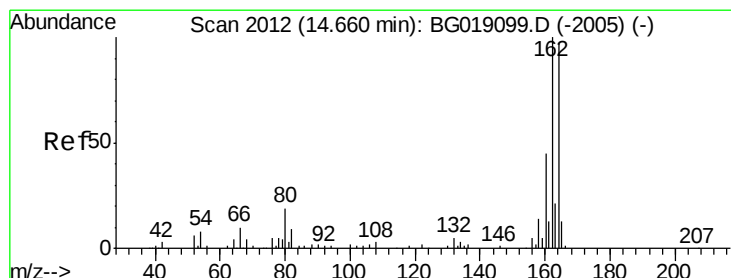
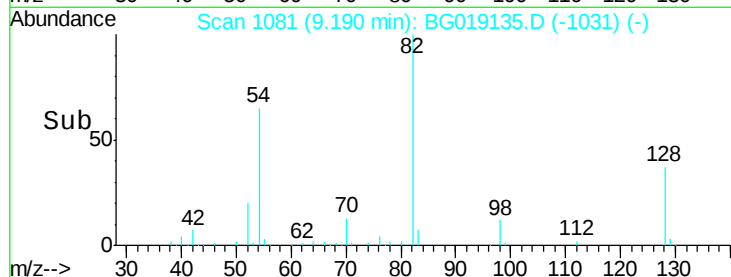
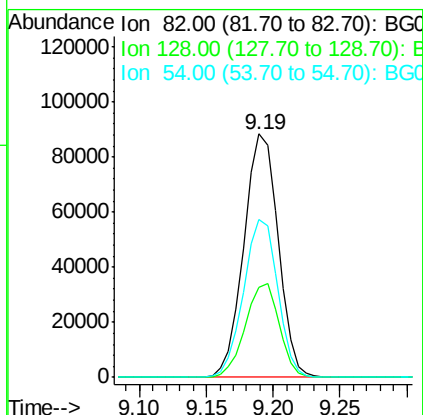
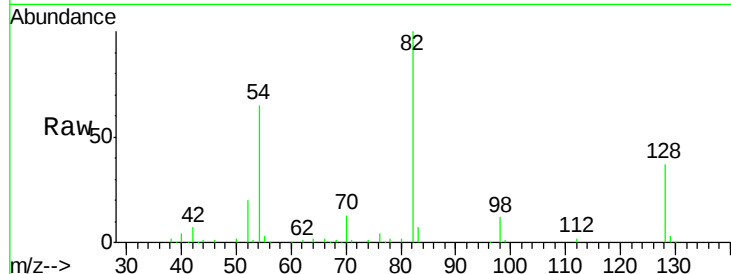




#23
Nitrobenzene-d5
Concen: 114.51 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019135.D
Acq: 11 Oct 2015 2:17

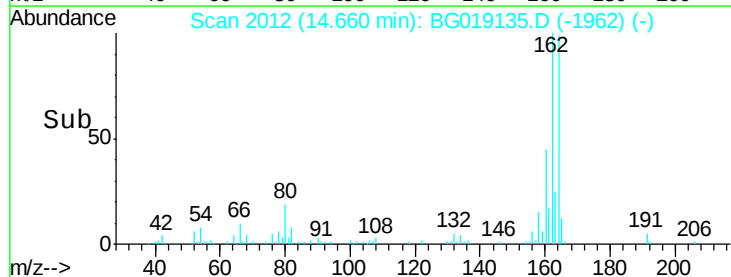
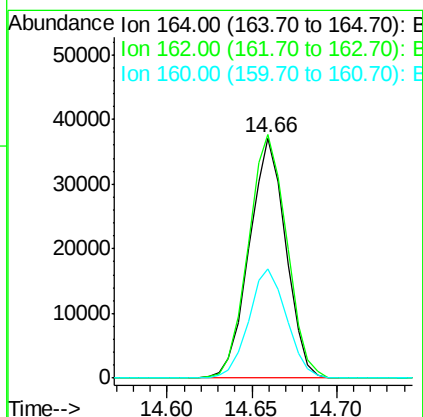
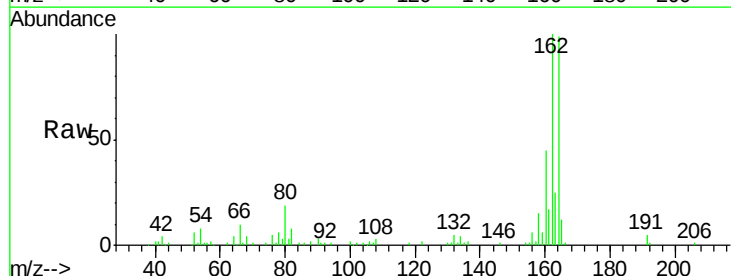
Instrument :
BNA_G
ClientSampleId :

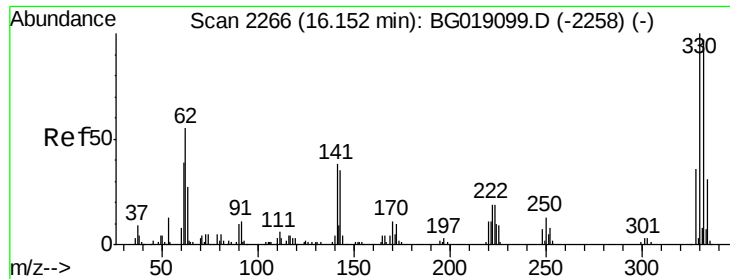
Tot Ion	82	Resp	156813
Ion Ratio	Lower	Upper	
82	100		
128	37.1	31.4	47.2
54	64.9	50.0	75.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019135.D
Acq: 11 Oct 2015 2:17

Tgt Ion	164	Resp	55674
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.6	124.0
160	45.3	36.9	55.3

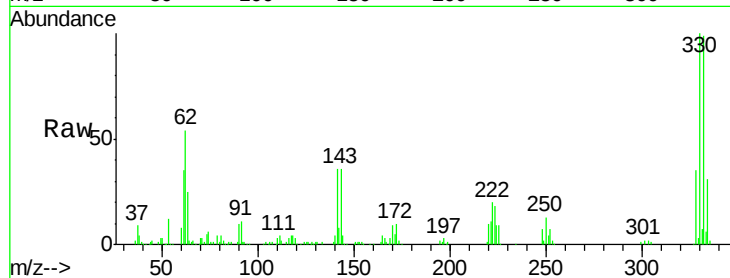




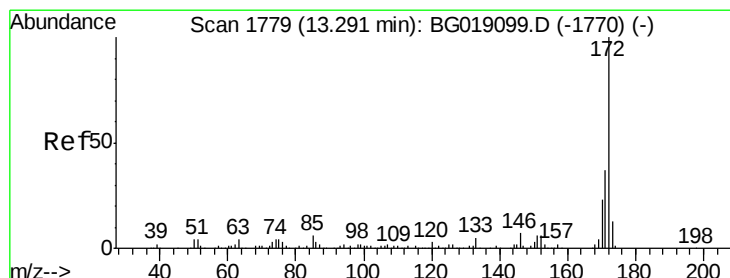
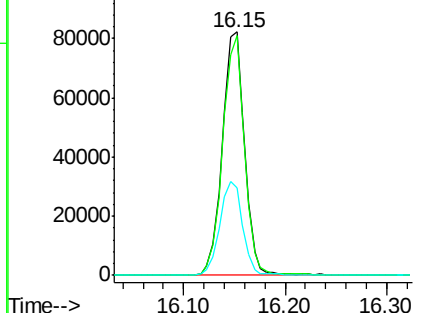
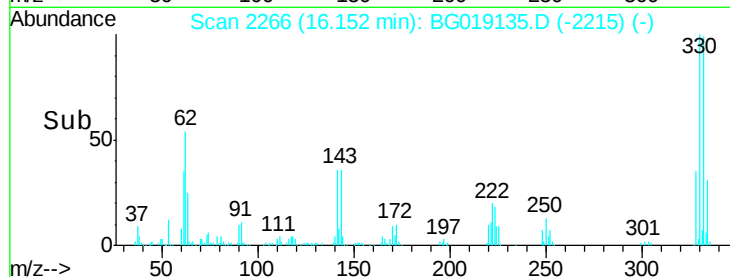
#41
 2,4,6-Tribromophenol
 Concen: 165.74 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BG019135.D
 Acq: 11 Oct 2015 2:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	39.5	30.7	46.1

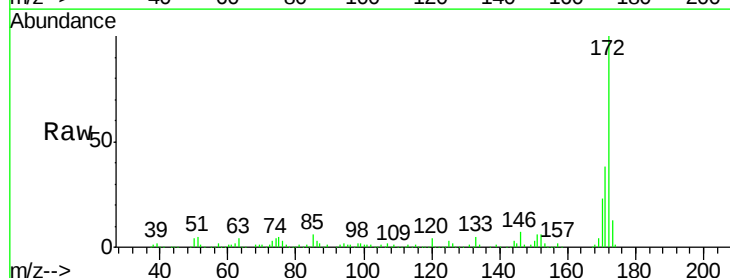


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

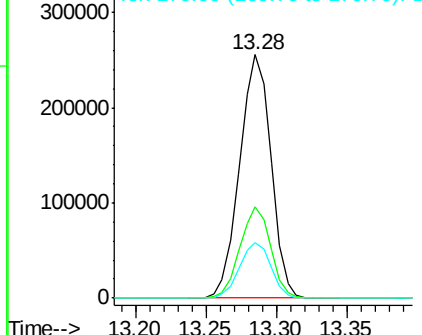
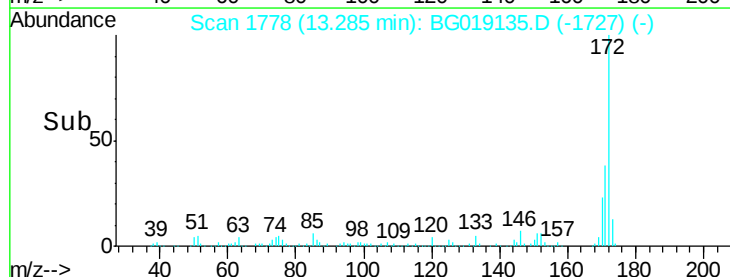


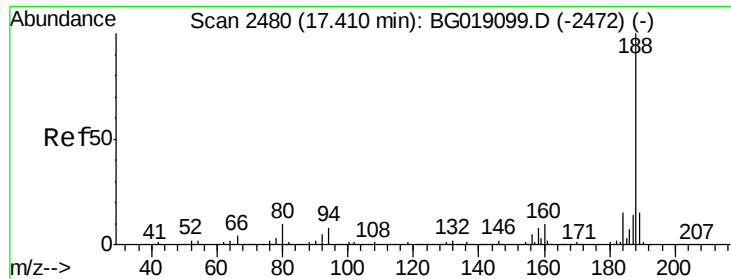
#44
 2-Fluorobiphenyl
 Concen: 109.67 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG019135.D
 Acq: 11 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.9	44.9
170	22.9	18.6	27.8



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

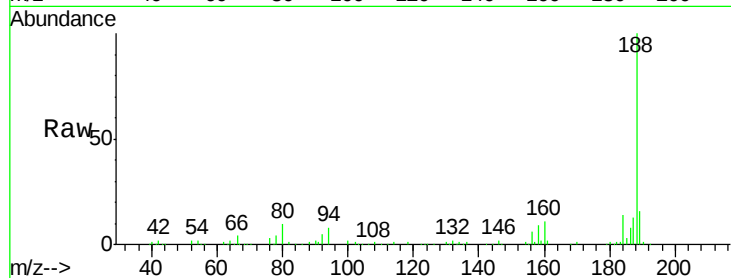




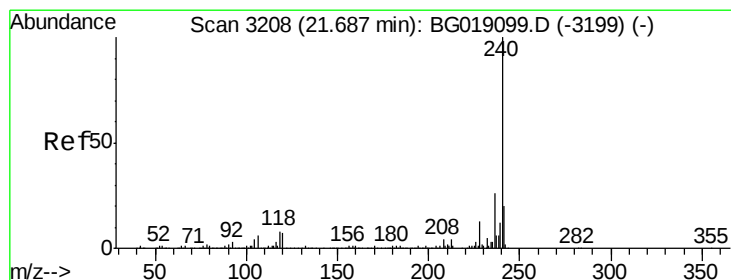
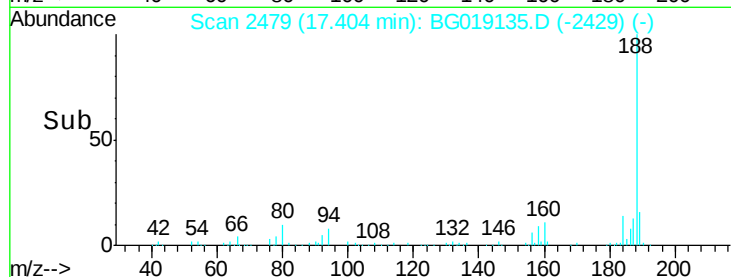
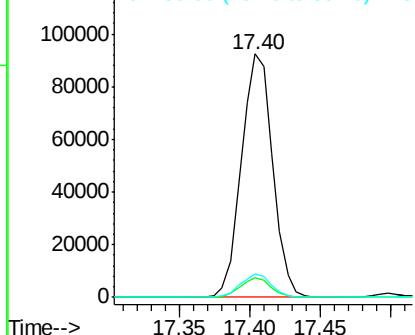
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019135.D
Acq: 11 Oct 2015 2:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 142738
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.6 7.6 11.4

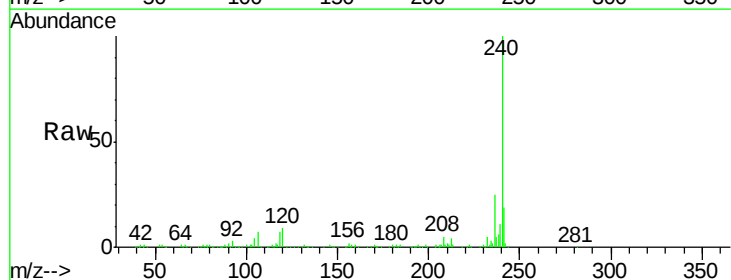


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

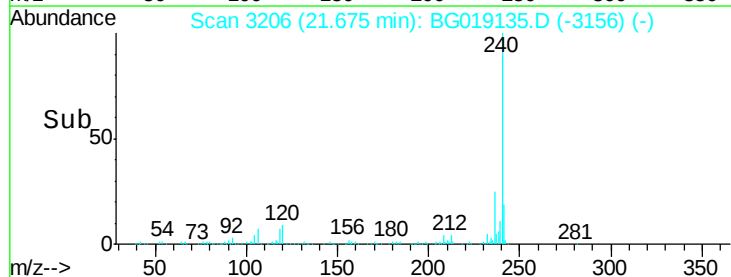
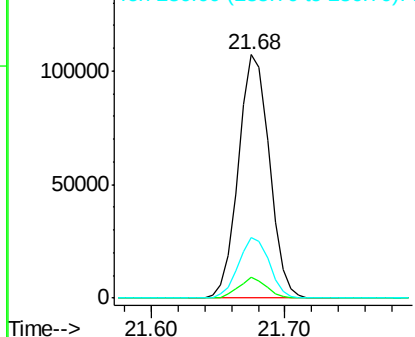


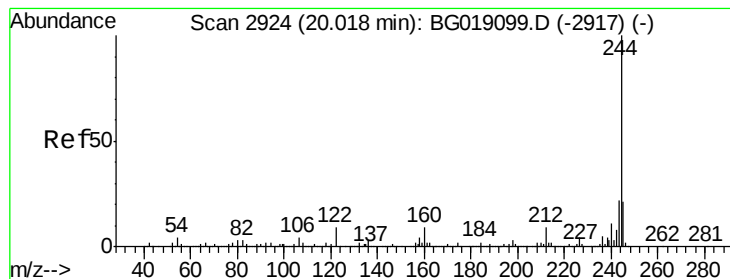
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG019135.D
Acq: 11 Oct 2015 2:17

Tgt Ion:240 Resp: 171949
Ion Ratio Lower Upper
240 100
120 8.5 5.8 8.6
236 24.8 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: 98.35 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019135.D

Acq: 11 Oct 2015 2:17

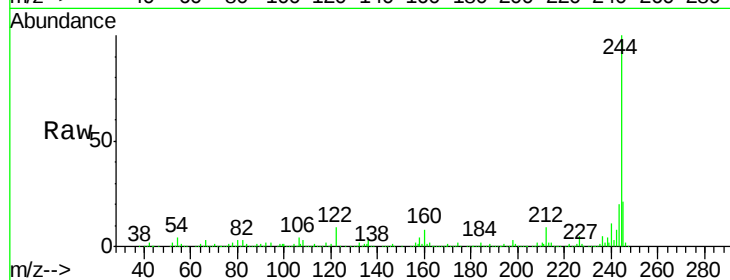
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 640198

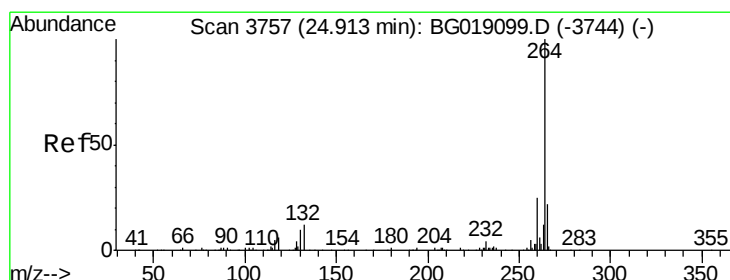
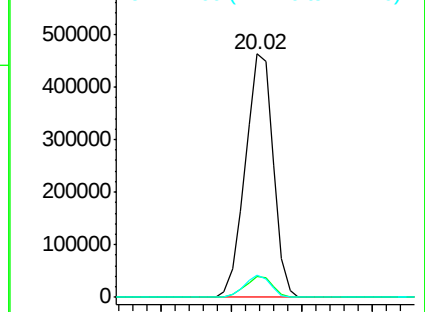
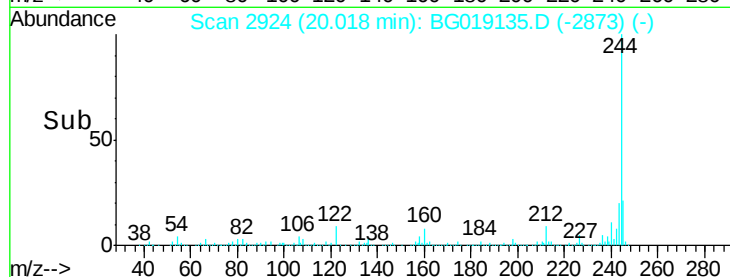
Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.8	10.2
122	9.0	7.4	11.2



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: 24.91 min Scan# 3756

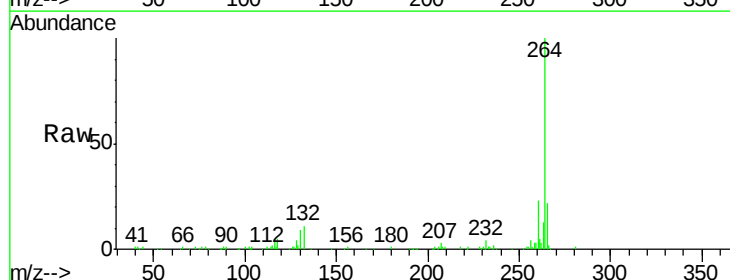
Delta R.T. 0.00 min

Lab File: BG019135.D

Acq: 11 Oct 2015 2:17

Tgt Ion:264 Resp: 166418

Ion	Ratio	Lower	Upper
264	100		
260	23.2	20.1	30.1
265	22.2	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

