

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019144.D
 Acq On : 11 Oct 2015 7:57
 Operator : UM/NP
 Sample : G3929-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Oct 12 07:26:47 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	16670	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	73659	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	54330	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	136836	20.00	ng	0.00
75) Chrysene-d12	21.67	240	163889	20.00	ng	0.00
86) Perylene-d12	24.90	264	158016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	54934	67.10	ng	0.00
7) Phenol-d6	7.19	99	51535	40.97	ng	0.00
23) Nitrobenzene-d5	9.19	82	156900	117.69	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	114629	154.83	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	396073	112.10	ng	0.00
78) Terphenyl-d14	20.02	244	707166	113.98	ng	0.00

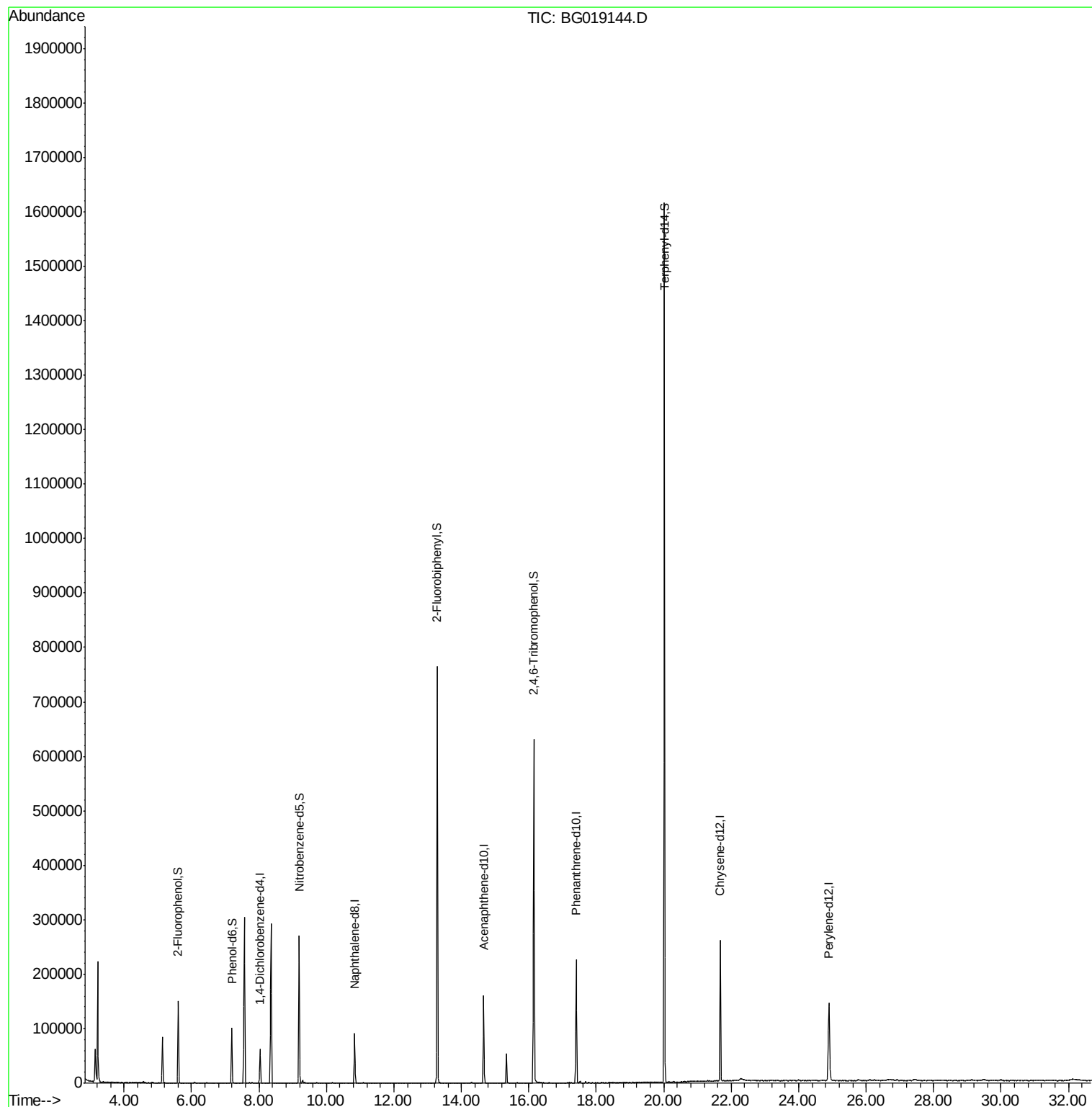
Target Compounds Qvalue

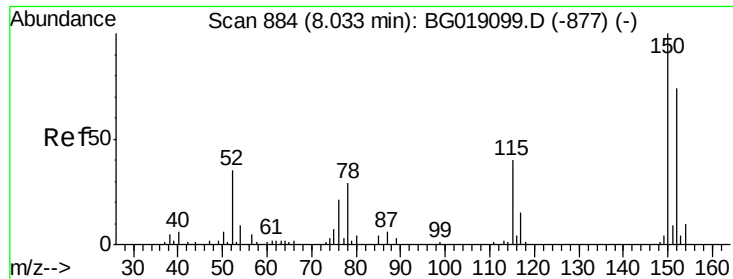
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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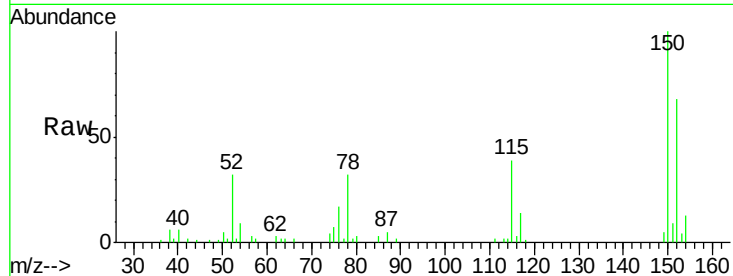


#1

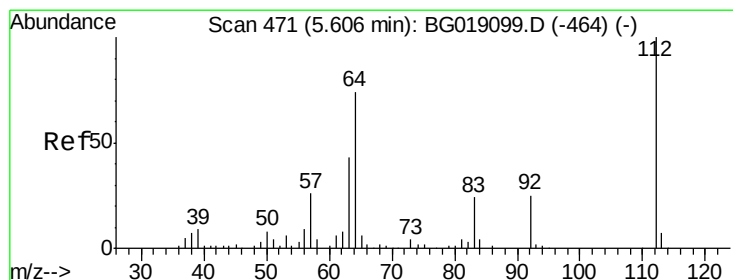
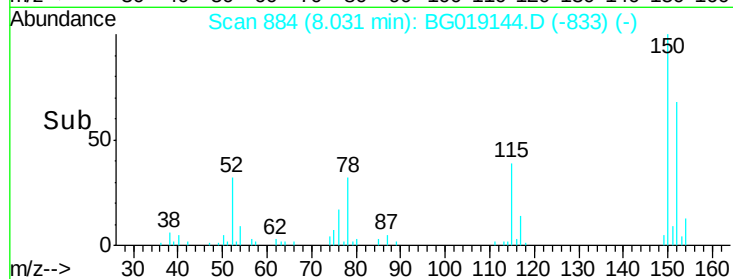
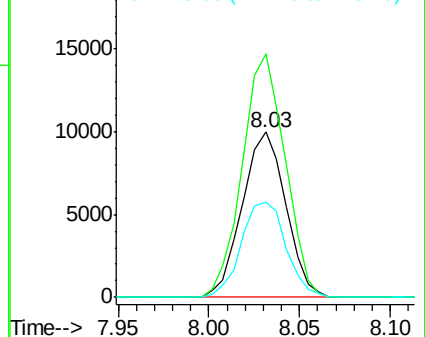
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG019144.D
Acq: 11 Oct 2015 7:57

Instrument :
BNA_G
ClientSampleId :
BLANK

Tot Ion:152 Resp: 16670
Ion Ratio Lower Upper
152 100
150 147.5 108.2 162.2
115 57.9 43.2 64.8



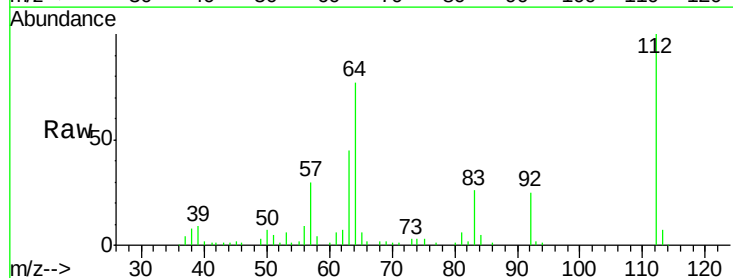
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



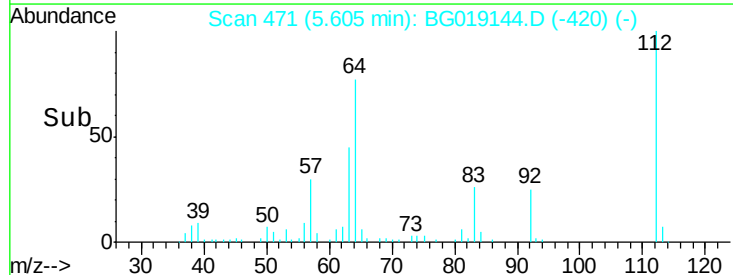
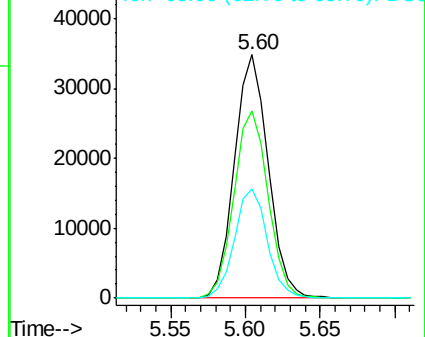
#5

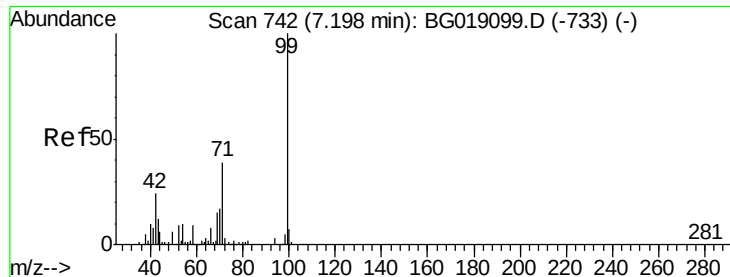
2-Fluorophenol
Concen: 67.10 ng
RT: 5.60 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019144.D
Acq: 11 Oct 2015 7:57

Tgt Ion:112 Resp: 54934
Ion Ratio Lower Upper
112 100
64 77.0 59.0 88.4
63 44.9 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: 40.97 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG019144.D

Acq: 11 Oct 2015 7:57

Instrument :

BNA_G

ClientSampleId :

BLANK

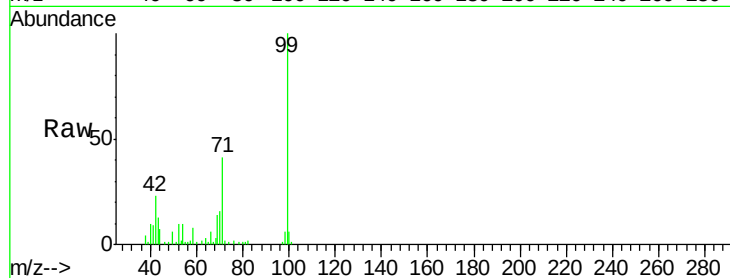
Tot Ion: 99 Resp: 51535

Ion Ratio Lower Upper

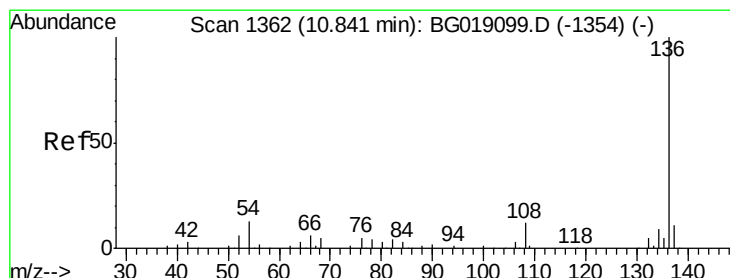
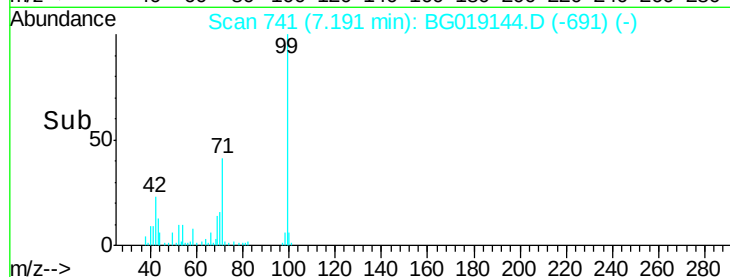
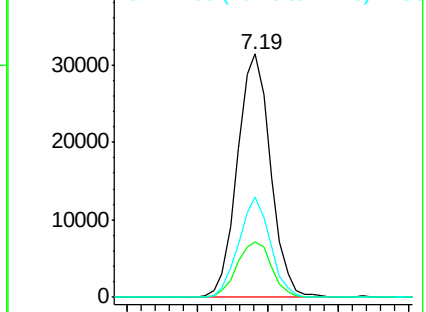
99 100

42 22.8 19.5 29.3

71 41.1 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: 10.83 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BG019144.D

Acq: 11 Oct 2015 7:57

Tgt Ion: 136 Resp: 73659

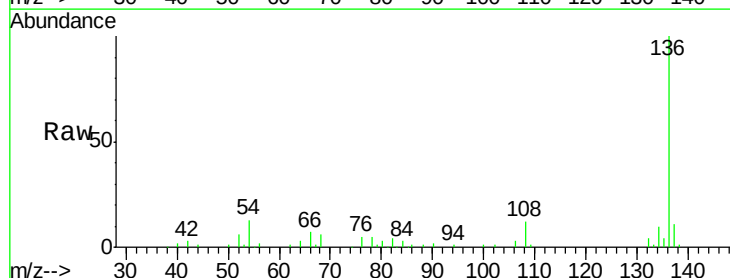
Ion Ratio Lower Upper

136 100

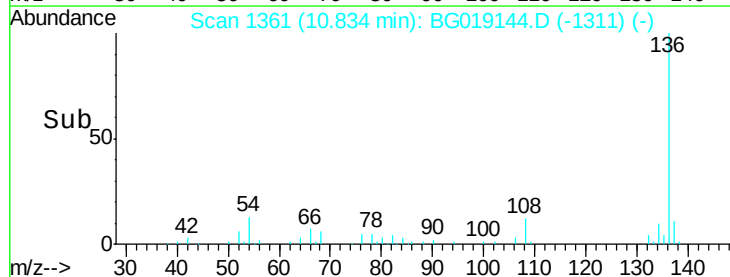
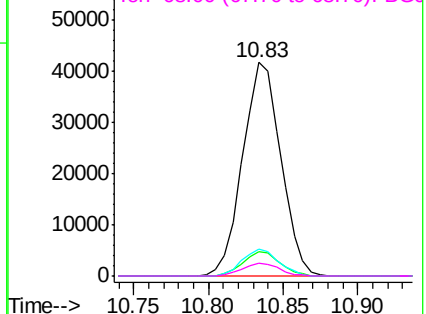
137 11.2 9.0 13.4

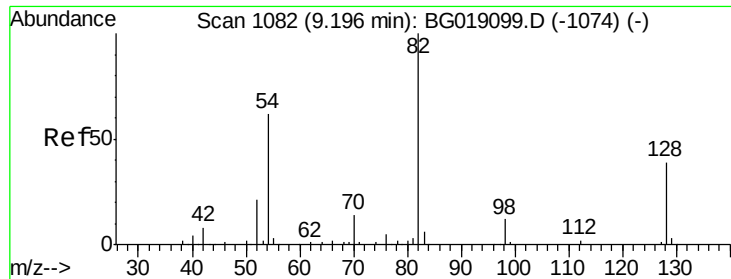
54 12.5 10.1 15.1

68 6.1 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

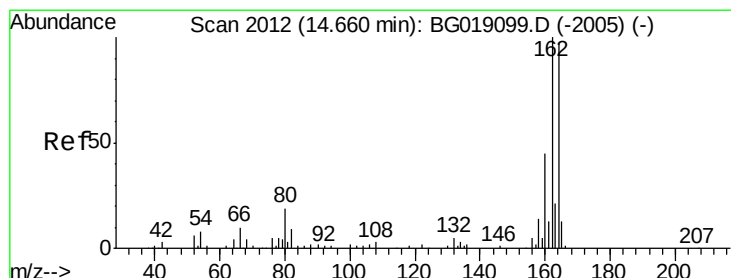
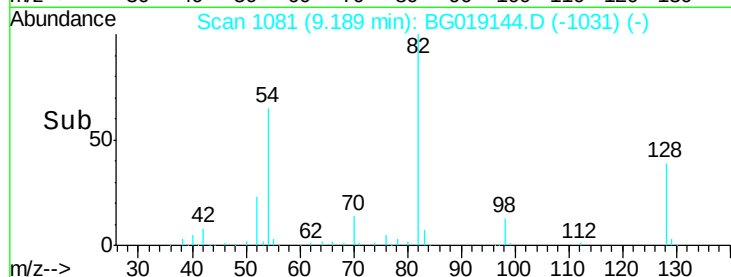
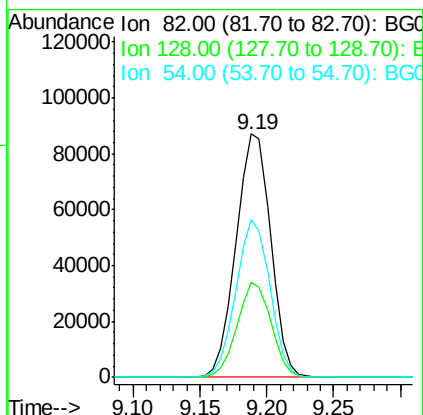
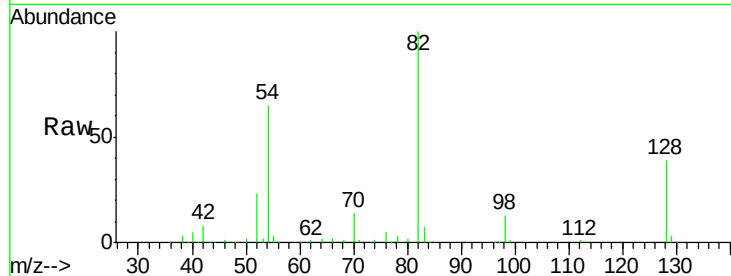




#23
Nitrobenzene-d5
Concen: 117.69 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019144.D
Acq: 11 Oct 2015 7:57

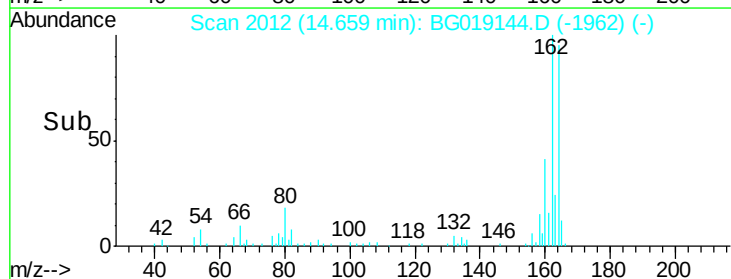
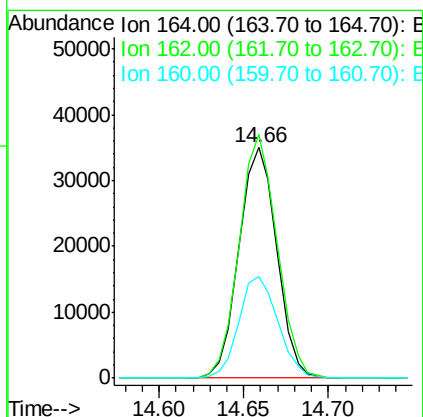
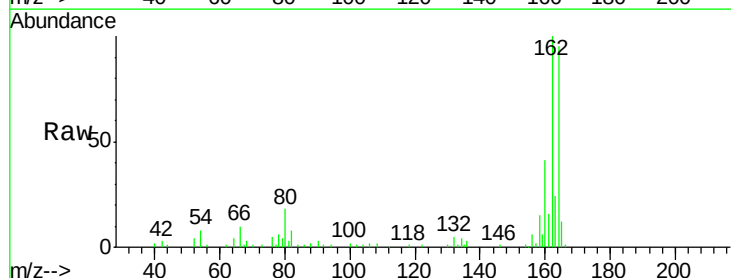
Instrument :
BNA_G
ClientSampleId :
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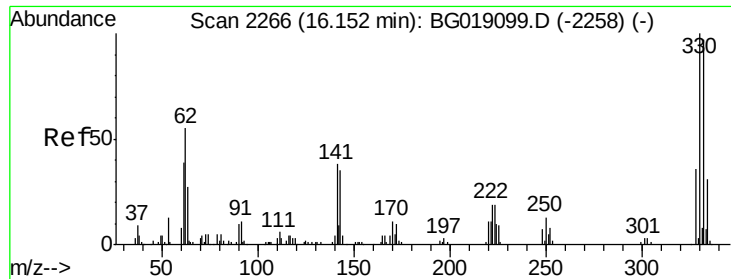
Tot Ion	82	Resp	156900
Ion Ratio	Lower	Upper	
82	100		
128	39.2	31.4	47.2
54	64.6	50.0	75.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG019144.D
Acq: 11 Oct 2015 7:57

Tgt Ion	164	Resp	54330
Ion Ratio	Lower	Upper	
164	100		
162	105.8	82.6	124.0
160	43.9	36.9	55.3

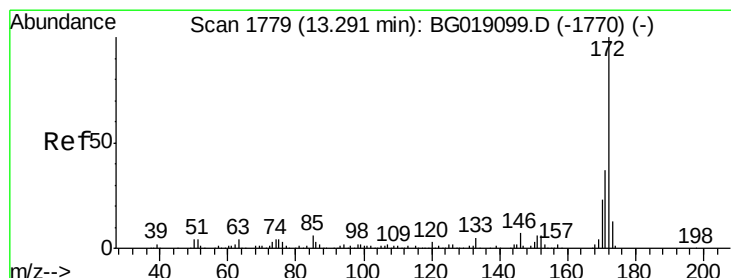
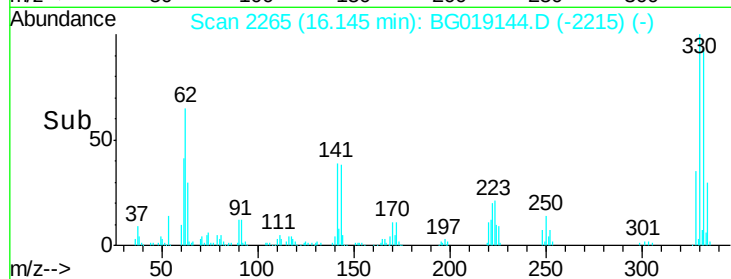
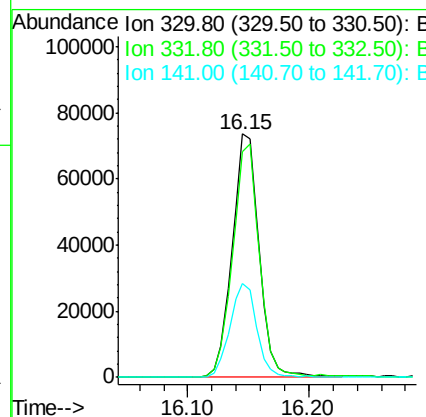
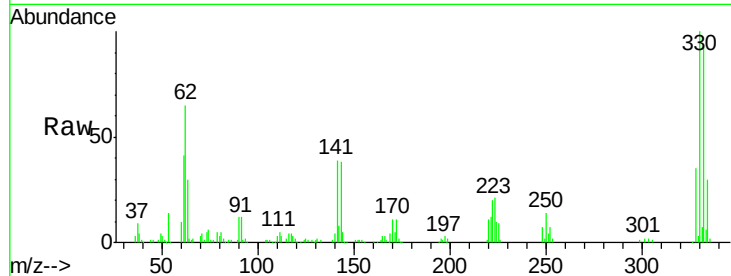




#41
 2,4,6-Tribromophenol
 Concen: 154.83 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BG019144.D
 Acq: 11 Oct 2015 7:57

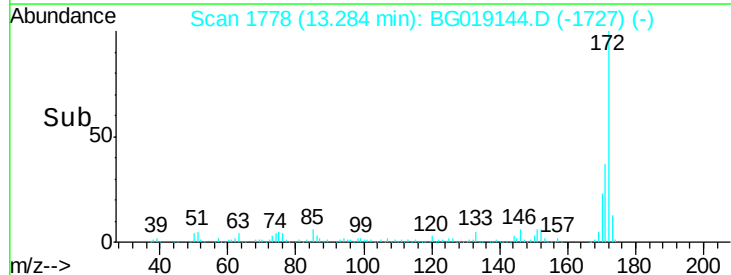
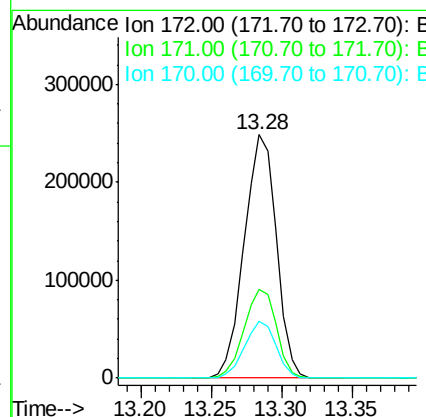
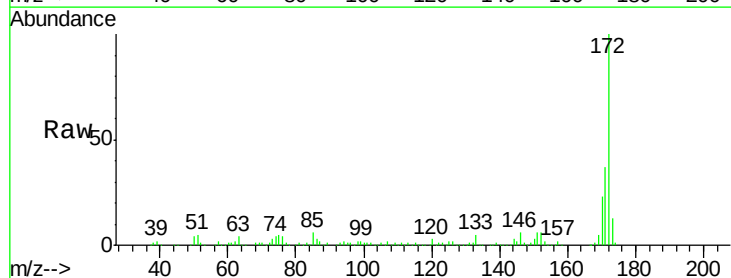
Instrument :
 BNA_G
 ClientSampled :
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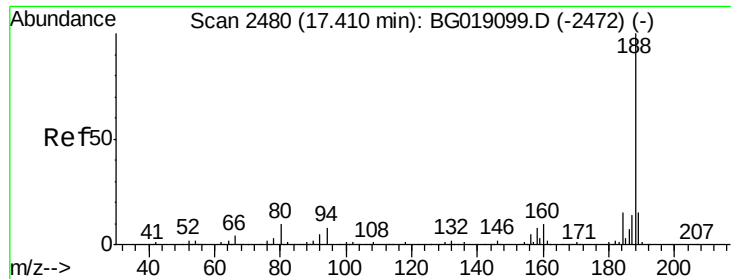
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	38.8	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 112.10 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG019144.D
 Acq: 11 Oct 2015 7:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	23.1	18.6	27.8

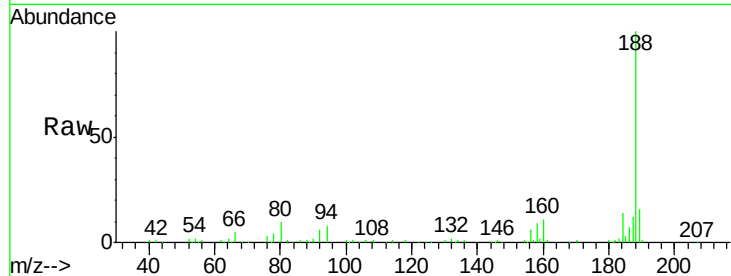




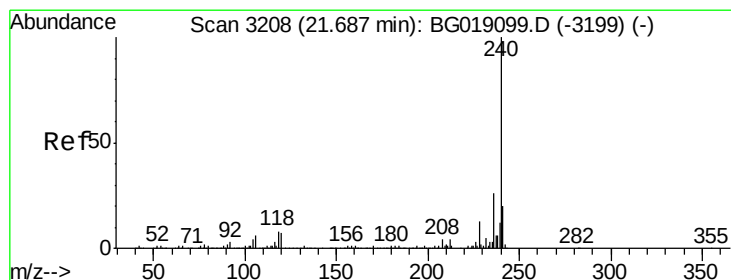
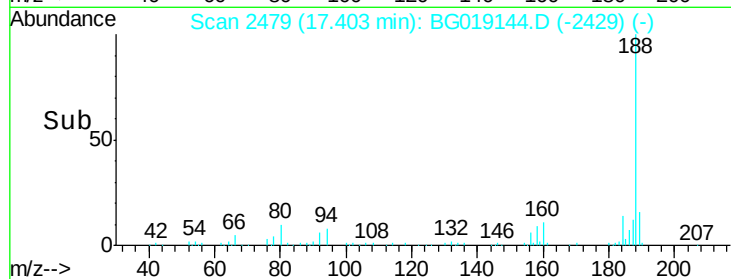
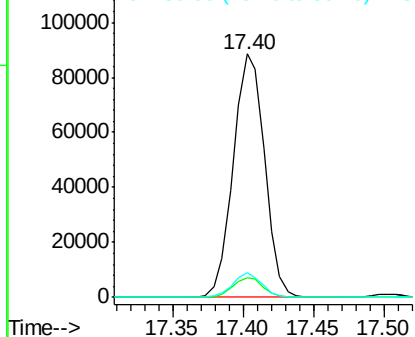
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019144.D
Acq: 11 Oct 2015 7:57

Instrument :
BNA_G
ClientSampleId :
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Tot Ion:188 Resp: 136836
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 10.1 7.6 11.4

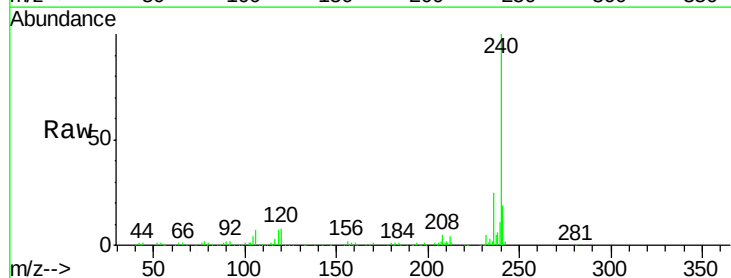


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

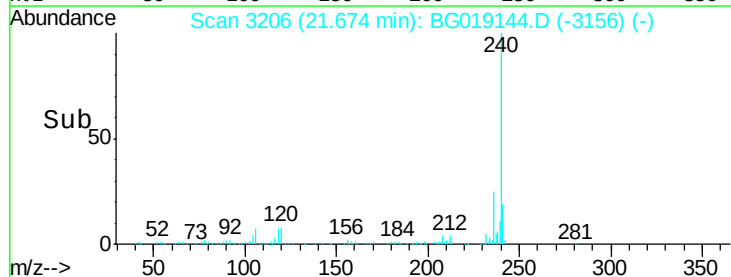
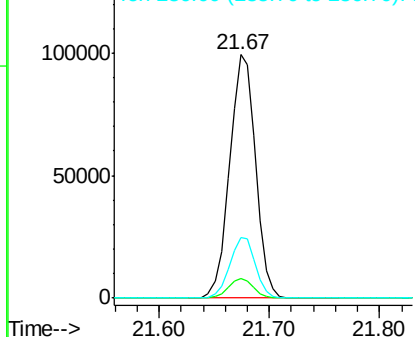


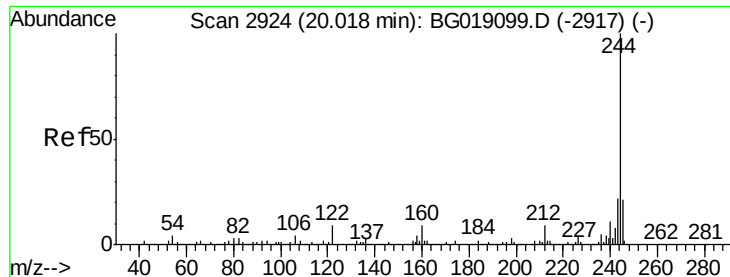
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.67 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019144.D
Acq: 11 Oct 2015 7:57

Tgt Ion:240 Resp: 163889
Ion Ratio Lower Upper
240 100
120 8.0 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: 113.98 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019144.D

Acq: 11 Oct 2015 7:57

Instrument :

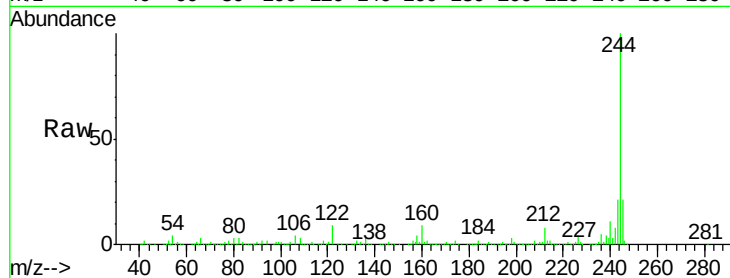
BNA_G

ClientSampleId :

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Tot Ion:244 Resp: 707166

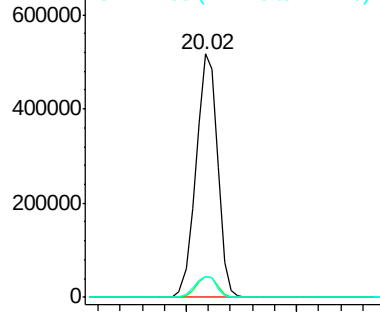
Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.8	10.2
122	8.8	7.4	11.2



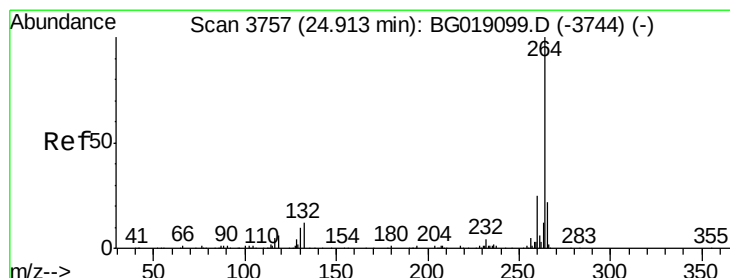
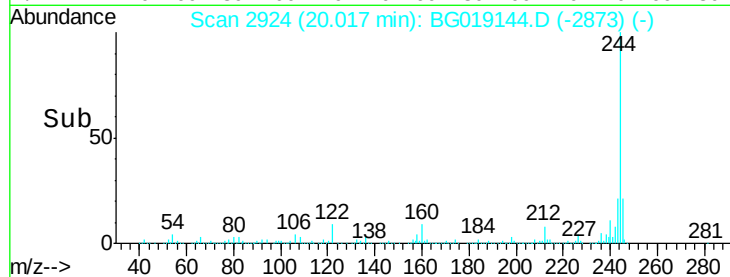
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.90 min Scan# 3755

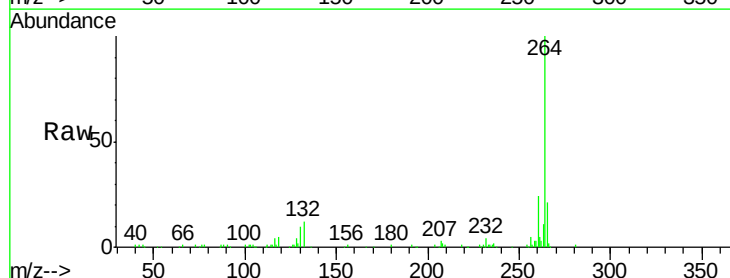
Delta R.T. -0.01 min

Lab File: BG019144.D

Acq: 11 Oct 2015 7:57

Tgt Ion:264 Resp: 158016

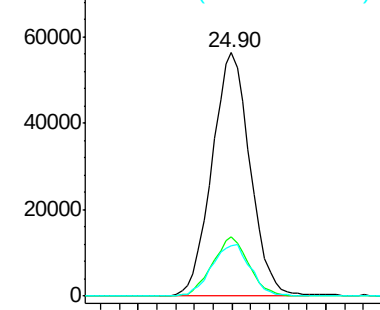
Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	20.6	17.2	25.8



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



Time-->

