

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032317\
 Data File : BG026407.D
 Acq On : 23 Mar 2017 17:53
 Operator : SJ/MA
 Sample : I2364-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-COMP-11

Quant Time: Mar 24 01:01:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	139739	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	556917	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	315791	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	765323	20.00	ng	0.00
75) Chrysene-d12	21.62	240	992328	20.00	ng	-0.01
86) Perylene-d12	24.80	264	981869	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	995395	126.43	ng	0.00
7) Phenol-d6	7.21	99	1175425	111.21	ng	0.00
23) Nitrobenzene-d5	9.20	82	776793	83.87	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	594777	164.47	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	2068751	91.87	ng	0.00
78) Terphenyl-d14	19.98	244	3058244	74.85	ng	0.00

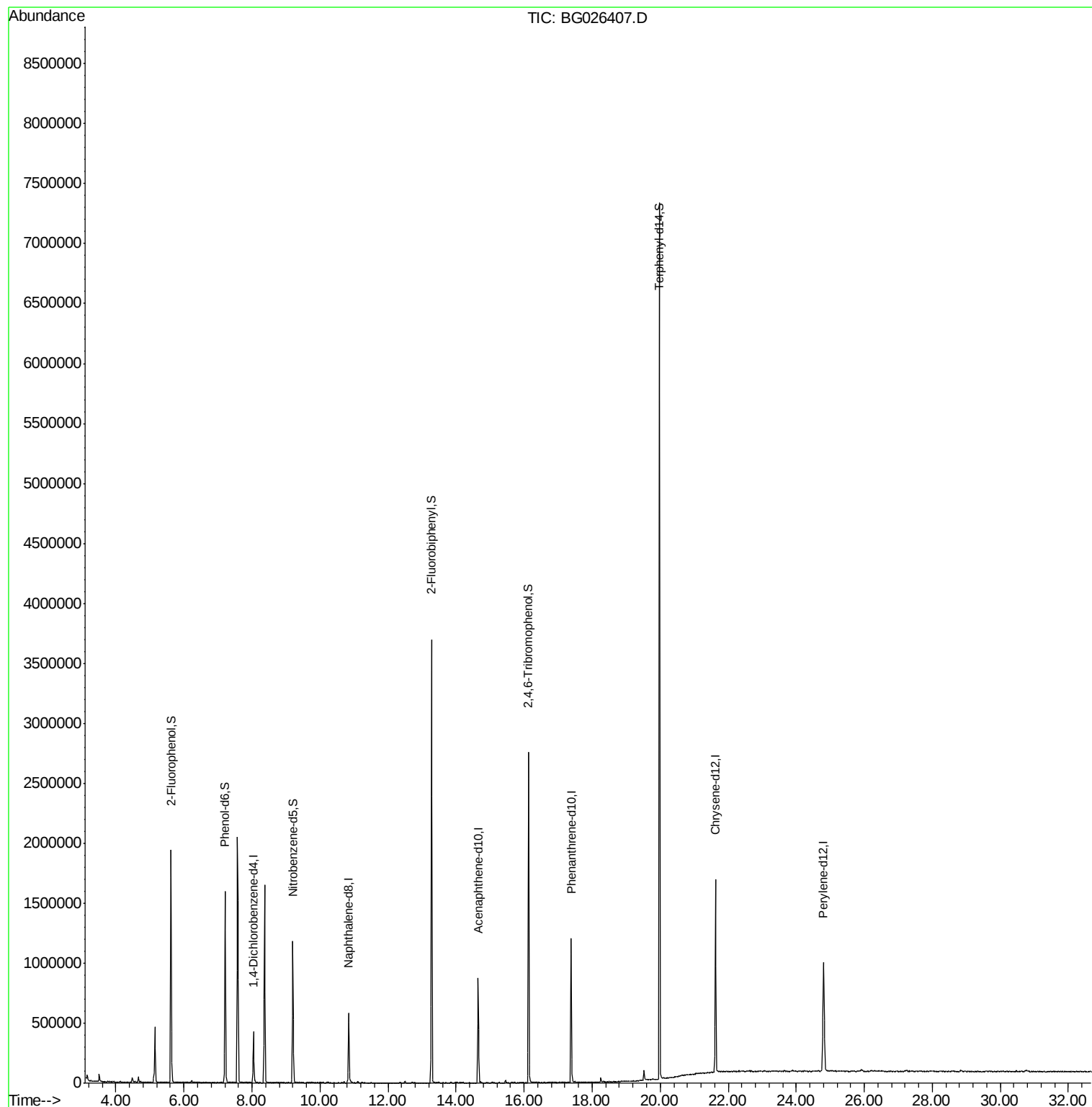
Target Compounds Qvalue

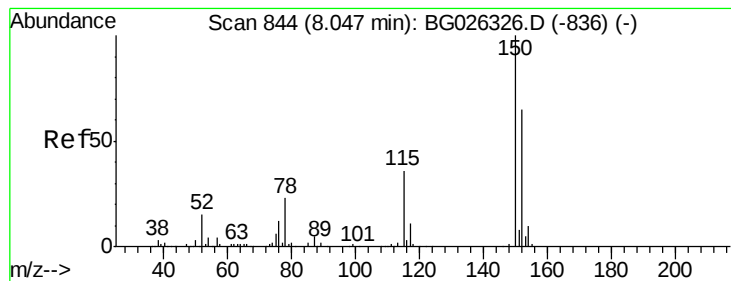
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

Instrument :

BNA_G

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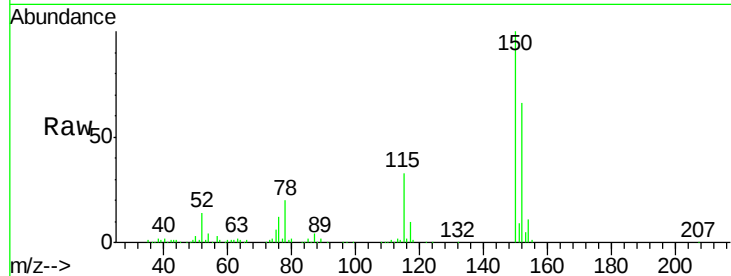
Tot Ion:152 Resp: 139739

Ion Ratio Lower Upper

152 100

150 151.4 114.0 171.0

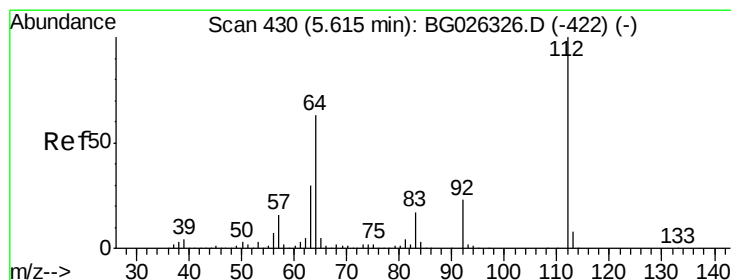
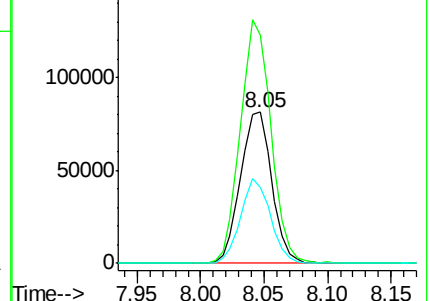
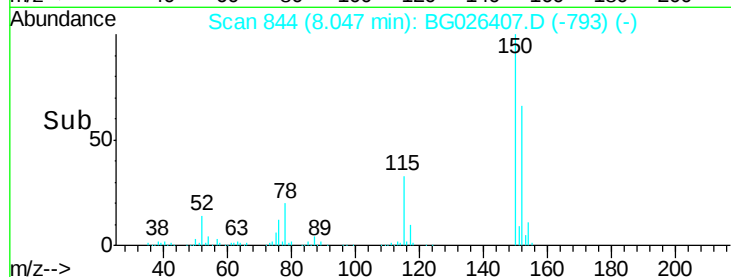
115 50.6 48.1 72.1



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: 126.43 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

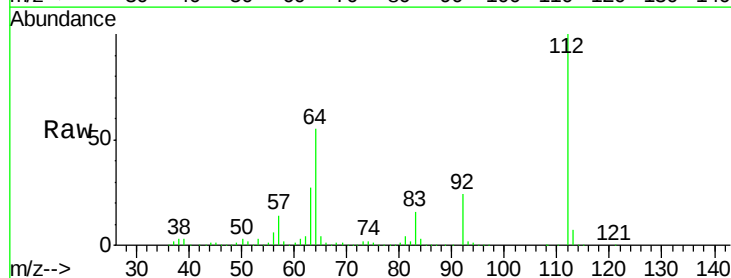
Tgt Ion:112 Resp: 995395

Ion Ratio Lower Upper

112 100

64 54.7 61.8 92.6#

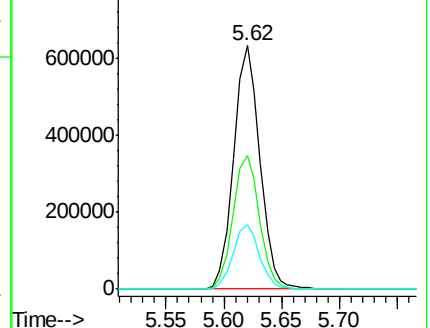
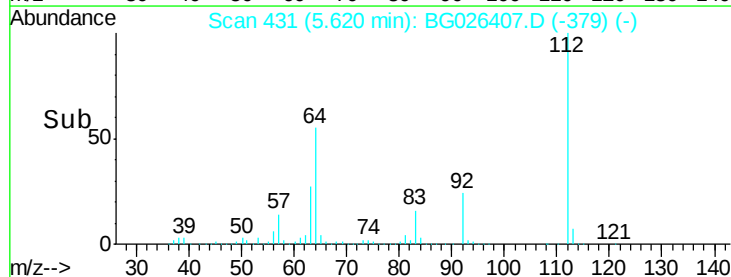
63 26.5 37.2 55.8#

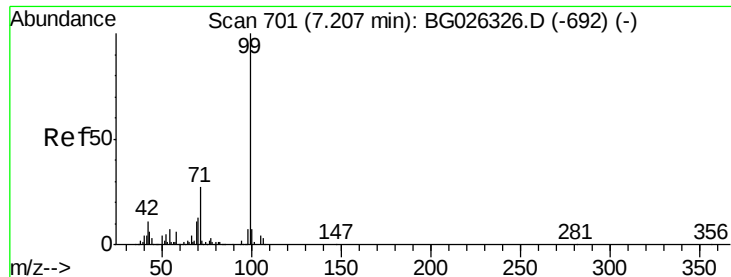


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.21 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

Instrument :

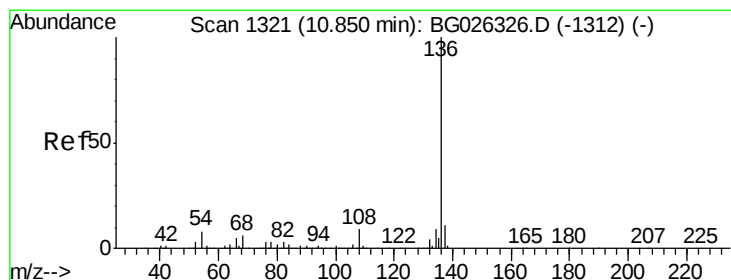
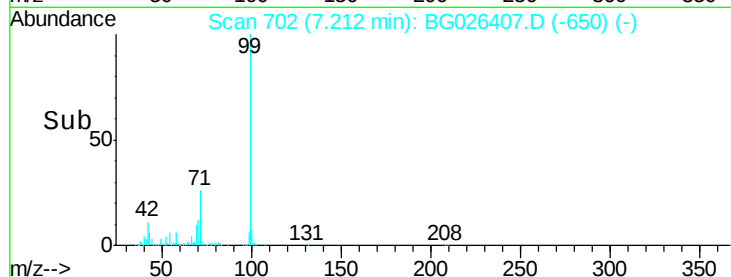
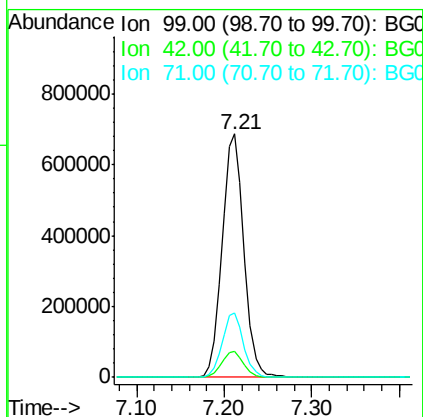
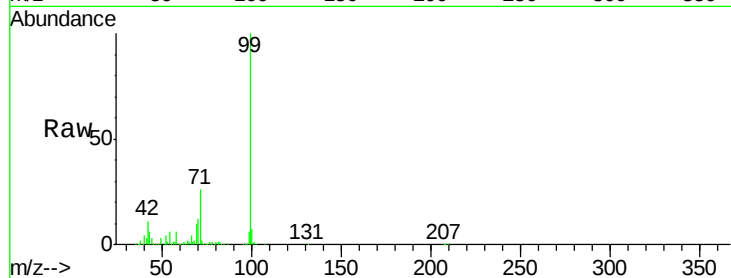
BNA_G

ClientSampleId :

WC-COMP-11

Tot Ion: 99 Resp: 1175425

Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	26.2	37.6	56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1320

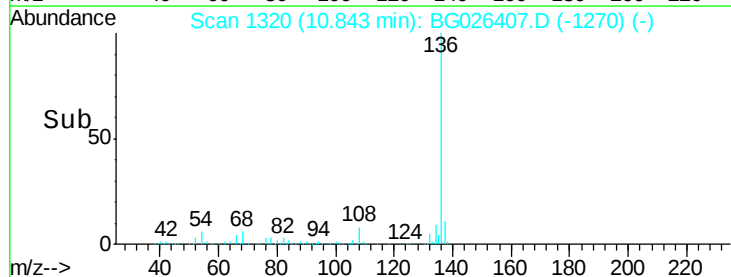
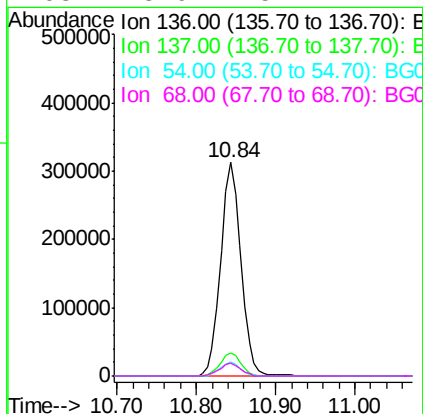
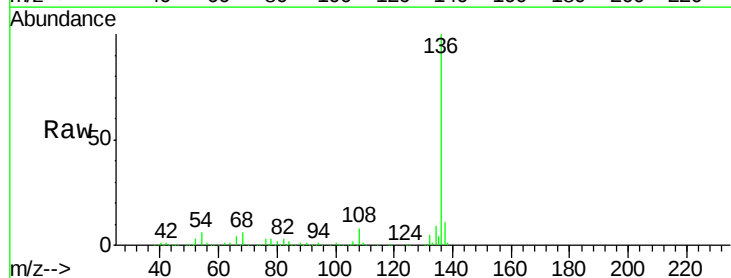
Delta R.T. -0.01 min

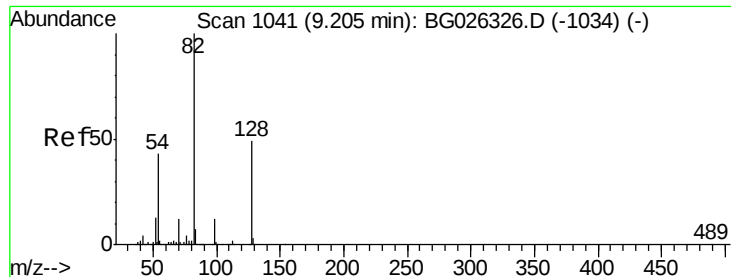
Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

Tgt Ion: 136 Resp: 556917

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.4	9.3	13.9#
68	5.9	5.1	7.7

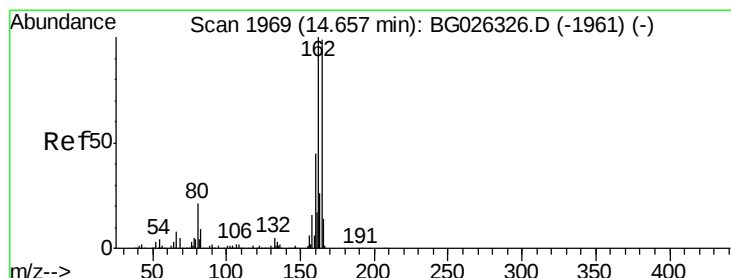
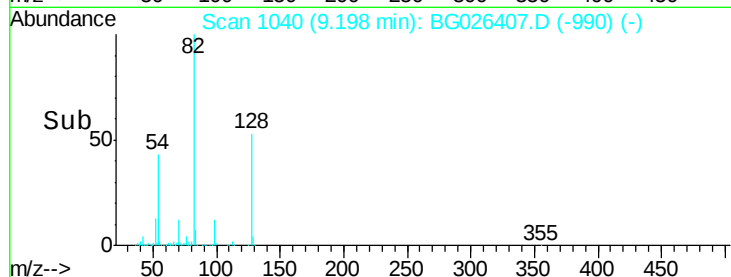
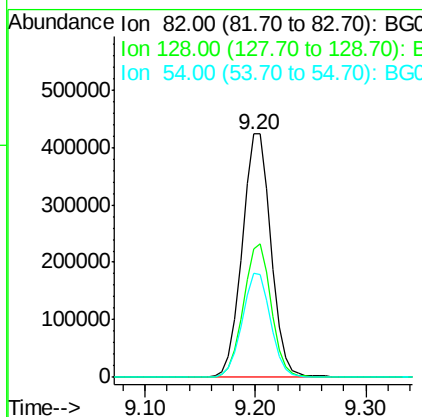
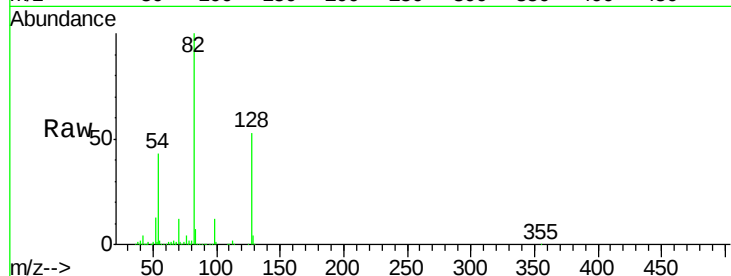




#23
Nitrobenzene-d5
Concen: 83.87 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG026407.D
Acq: 23 Mar 2017 17:53

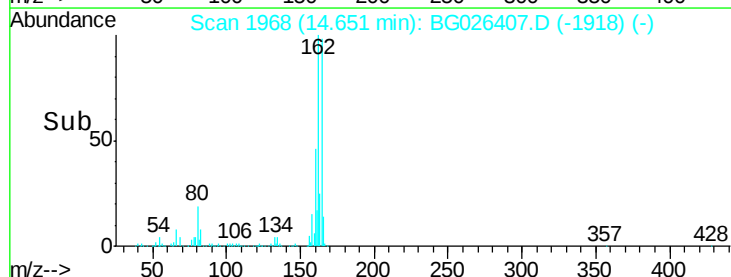
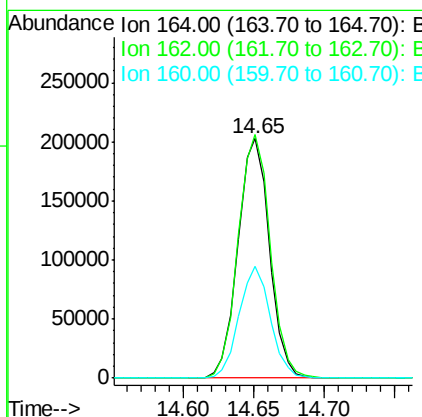
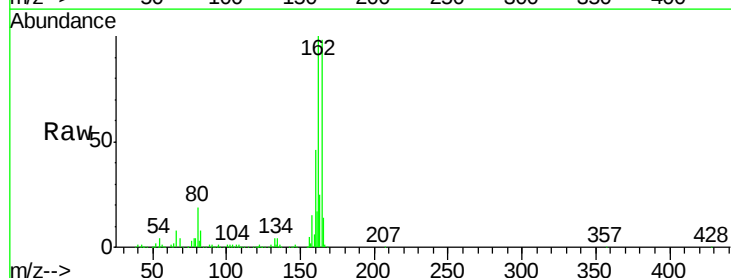
Instrument :
BNA_G
ClientSampleId :
WC-COMP-11

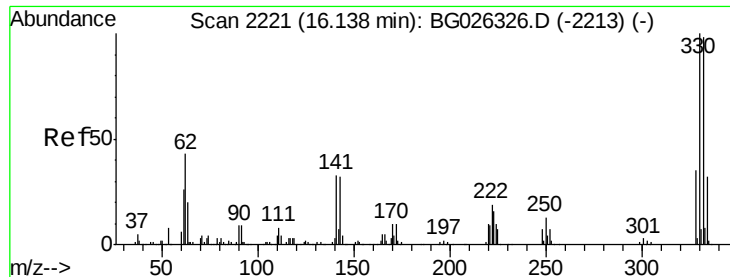
Tot Ion: 82 Resp: 776793
Ion Ratio Lower Upper
82 100
128 52.6 26.4 39.6#
54 42.9 49.4 74.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG026407.D
Acq: 23 Mar 2017 17:53

Tgt Ion: 164 Resp: 315791
Ion Ratio Lower Upper
164 100
162 101.8 85.1 127.7
160 46.7 34.7 52.1





#41

2,4,6-Tribromophenol

Concen: 164.47 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

Instrument :

BNA_G

ClientSampleId :

WC-COMP-11

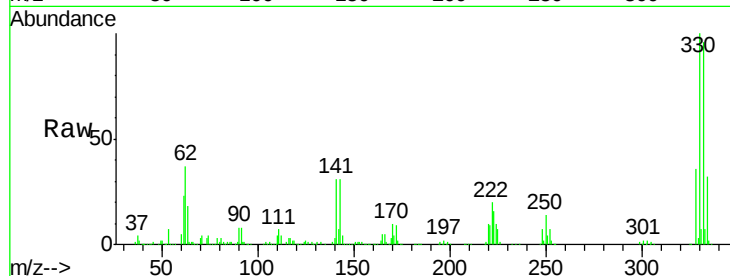
Tot Ion:330 Resp: 594777

Ion Ratio Lower Upper

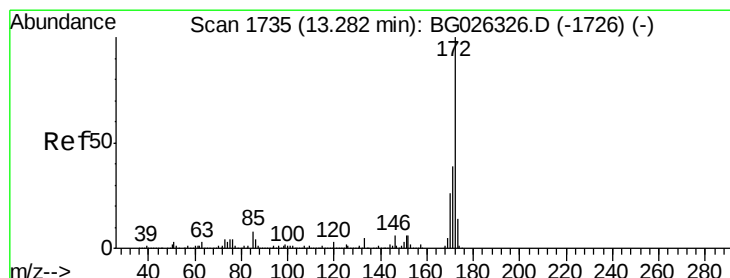
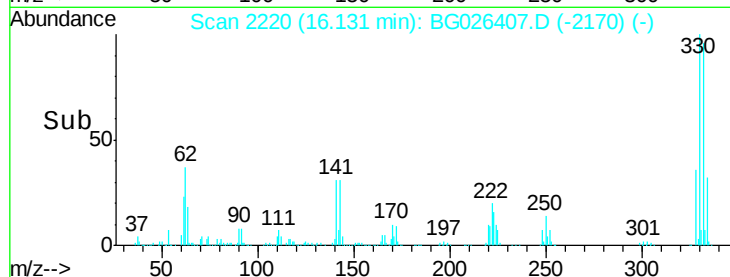
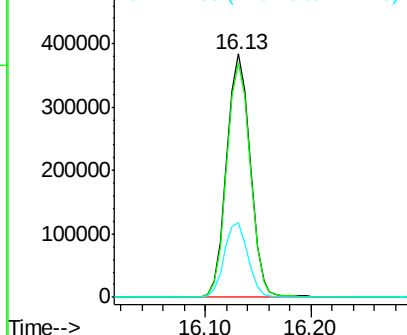
330 100

332 96.8 77.3 115.9

141 31.0 32.1 48.1#



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: 91.87 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

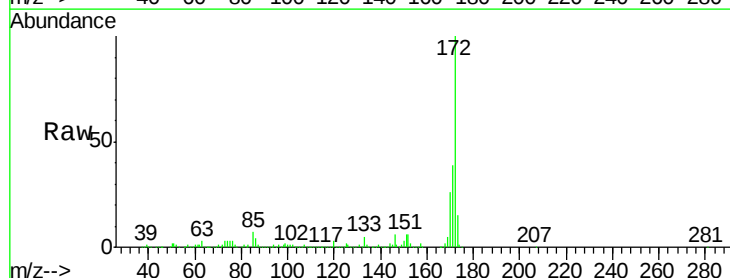
Tgt Ion:172 Resp: 2068751

Ion Ratio Lower Upper

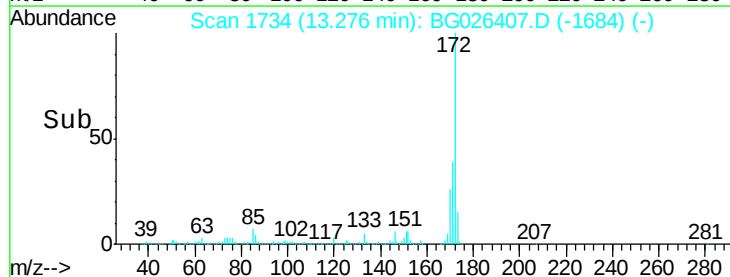
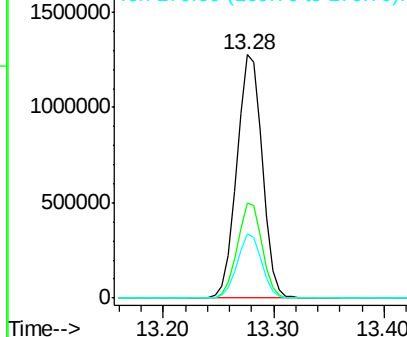
172 100

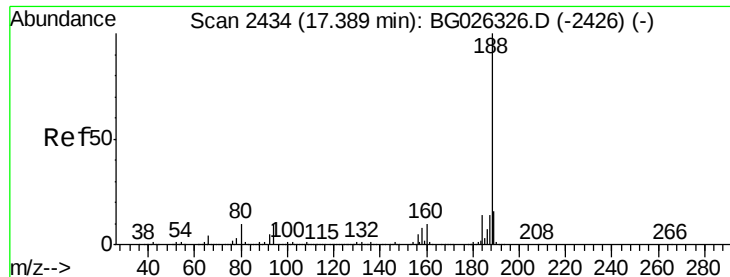
171 39.1 32.2 48.2

170 26.3 21.8 32.6



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

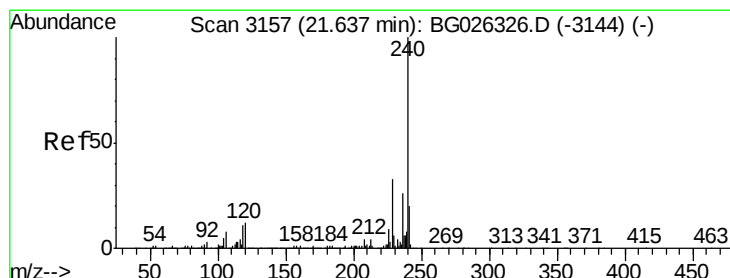
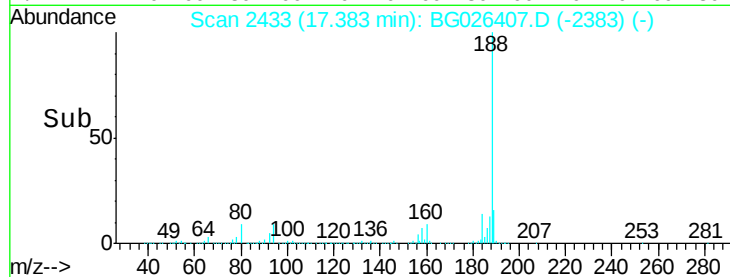
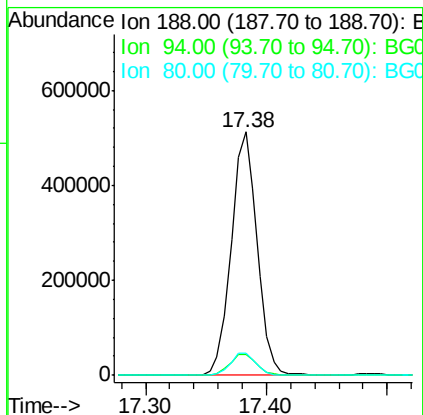
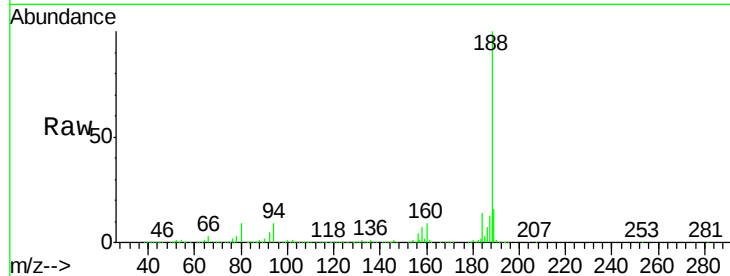




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026407.D
Acq: 23 Mar 2017 17:53

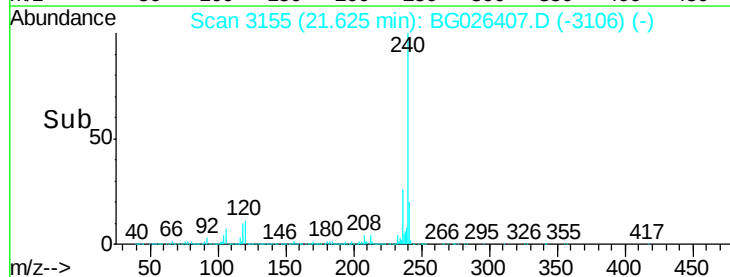
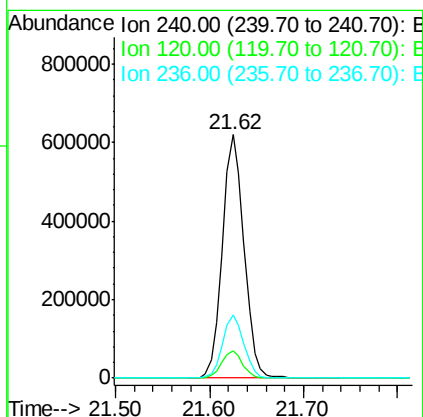
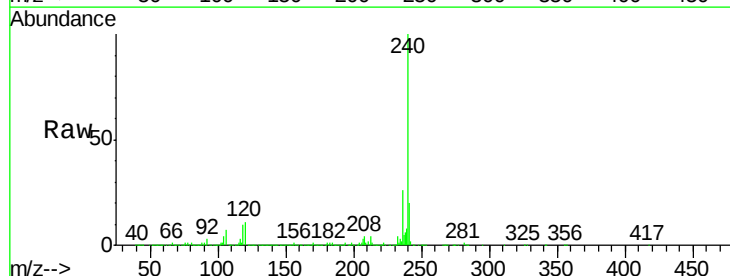
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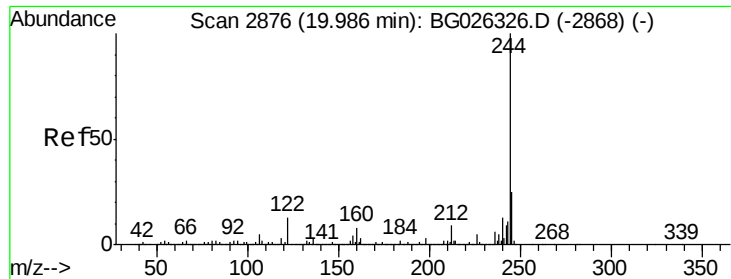
Tot Ion:188 Resp: 765323
Ion Ratio Lower Upper
188 100
94 8.7 5.8 8.8
80 8.9 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.62 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026407.D
Acq: 23 Mar 2017 17:53

Tgt Ion:240 Resp: 992328
Ion Ratio Lower Upper
240 100
120 11.2 5.7 8.5#
236 26.1 22.2 33.4





#78

Terphenyl-d14

Concen: 74.85 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

Instrument :

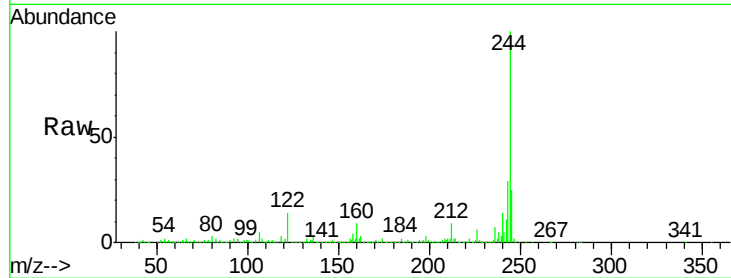
BNA_G

ClientSampleId :

WC-COMP-11

Tot Ion:244 Resp: 3058244

Ion	Ratio	Lower	Upper
244	100		
212	9.3	10.0	15.0#
122	14.2	8.6	12.8#

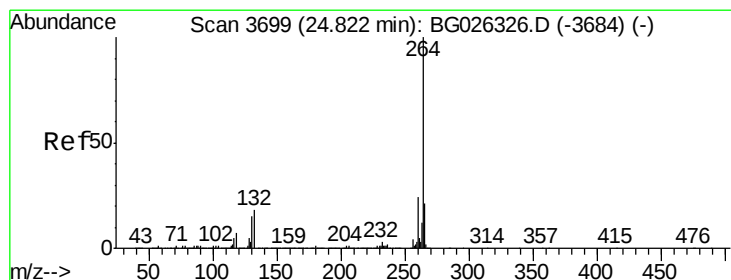
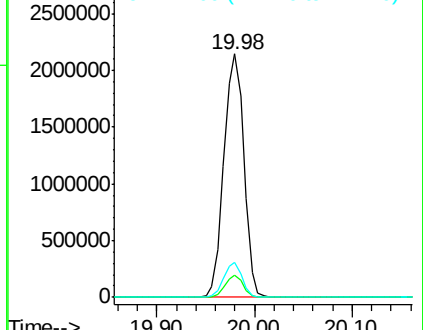
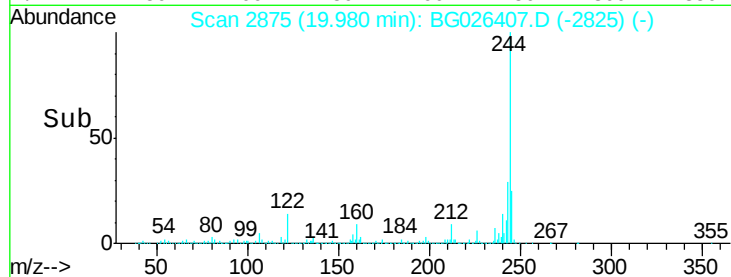


Abundance

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: 24.80 min Scan# 3696

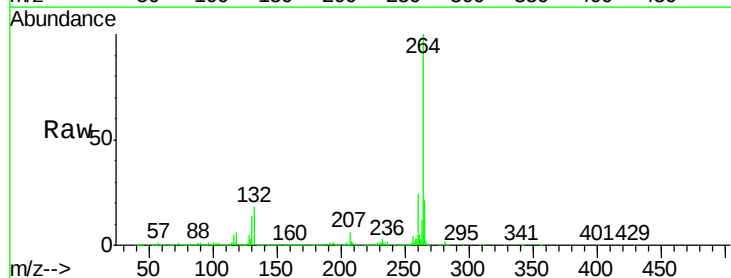
Delta R.T. -0.02 min

Lab File: BG026407.D

Acq: 23 Mar 2017 17:53

Tgt Ion:264 Resp: 981869

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.0	18.2	27.4



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

