

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030417\
 Data File : BG026072.D
 Acq On : 3 Mar 2017 20:27
 Operator : SJ/MA
 Sample : I2082-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 030117-PRRT-F-U-M

Quant Time: Mar 03 22:57:05 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

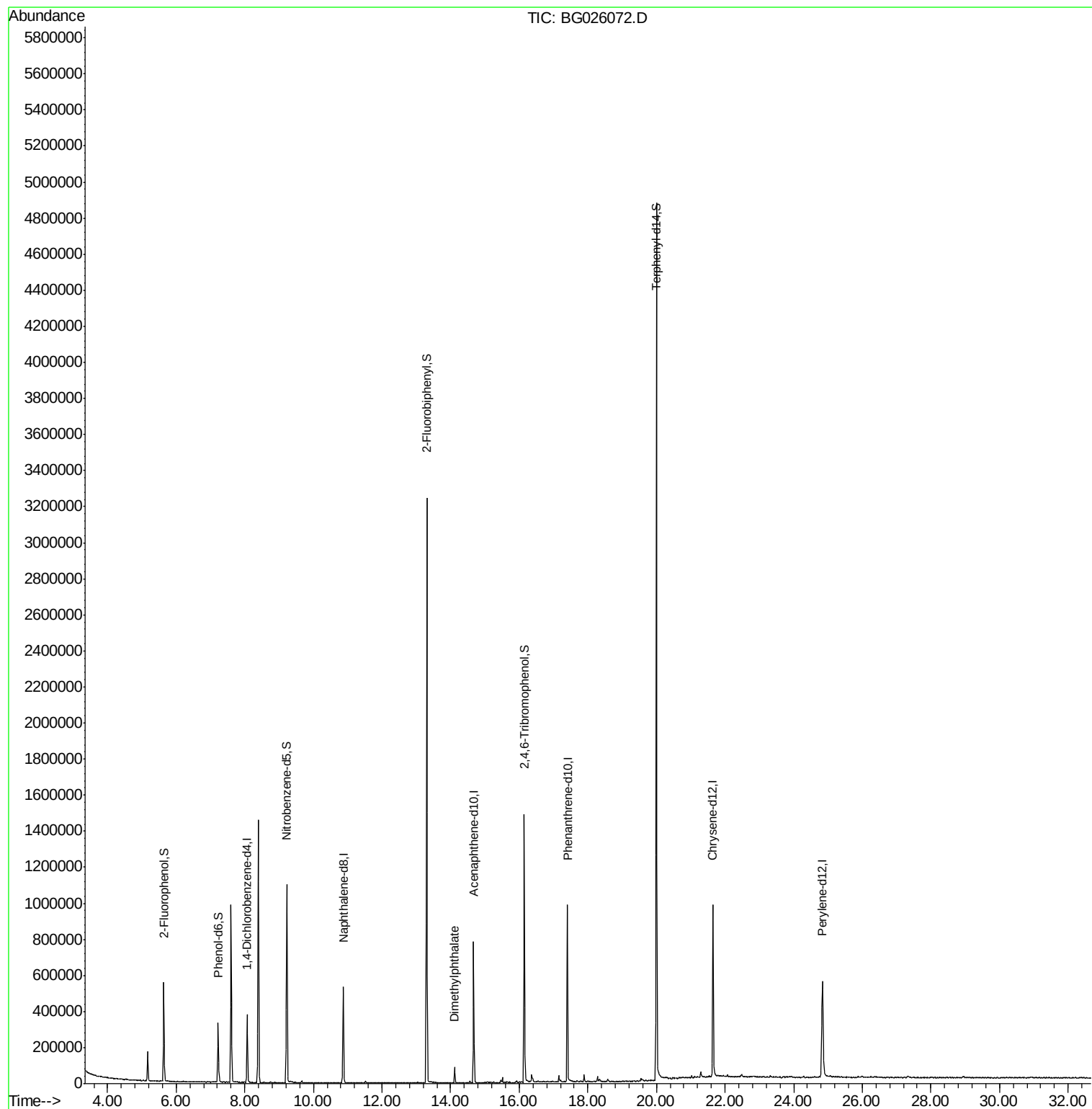
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	119497	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	489118	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	275195	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	646646	20.00	ng	-0.01
75) Chrysene-d12	21.65	240	630282	20.00	ng	-0.03
86) Perylene-d12	24.84	264	571117	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	273541	39.85	ng	-0.01
7) Phenol-d6	7.22	99	220431	21.70	ng	-0.01
23) Nitrobenzene-d5	9.23	82	696516	89.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	283440	111.48	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1762642	111.92	ng	-0.02
78) Terphenyl-d14	19.99	244	2225531	85.88	ng	-0.03
Target Compounds						
49) Dimethylphthalate	14.12	163	66735	3.53	ng	Qvalue # 95

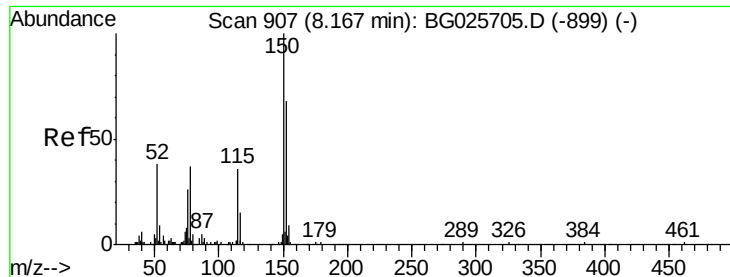
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-U-M

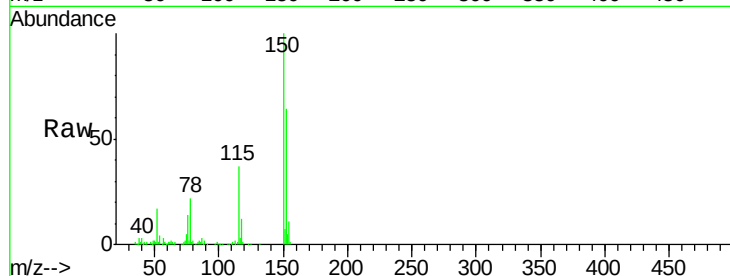
Tgt Ion:152 Resp: 119497

Ion Ratio Lower Upper

152 100

150 156.7 114.0 171.0

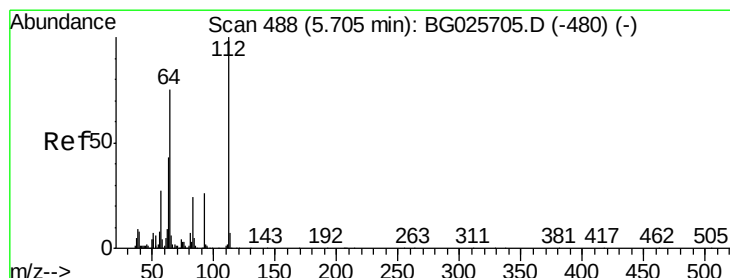
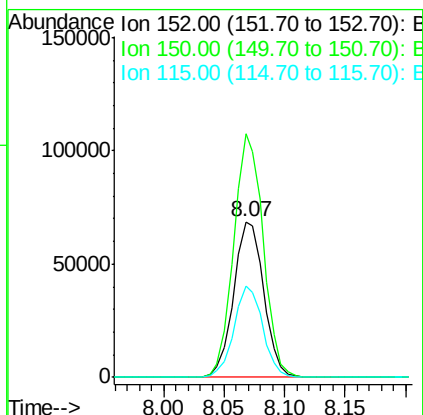
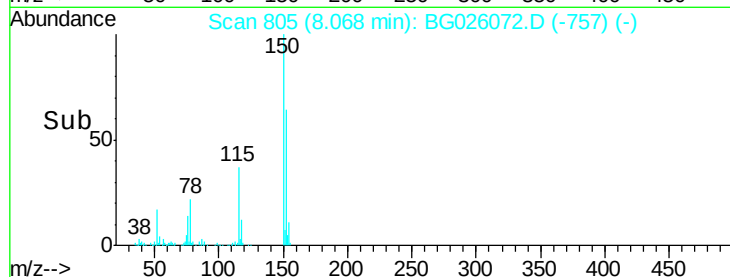
115 58.5 48.1 72.1



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: 39.85 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

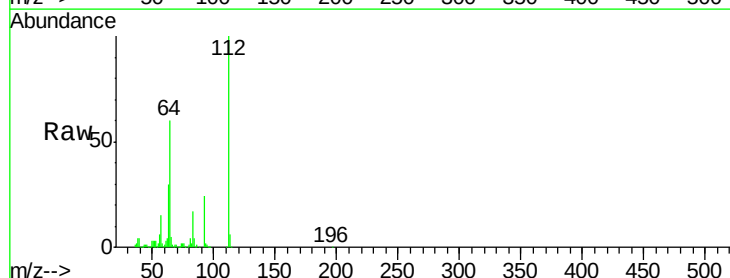
Tgt Ion:112 Resp: 273541

Ion Ratio Lower Upper

112 100

64 60.1 61.8 92.6#

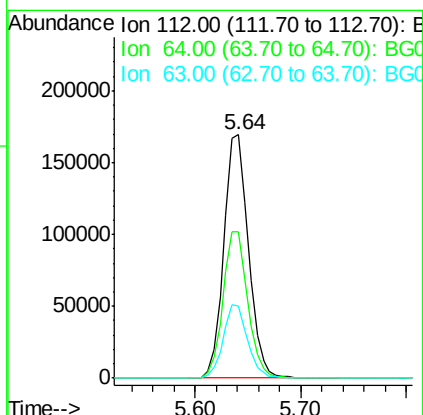
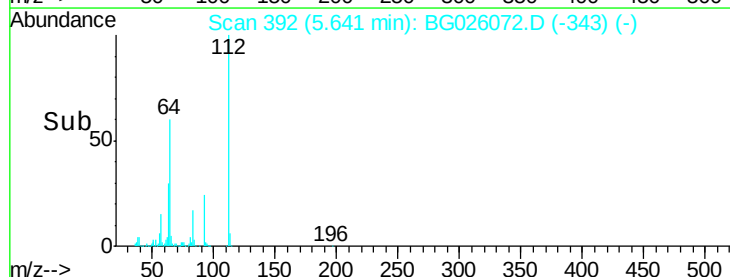
63 29.6 37.2 55.8#

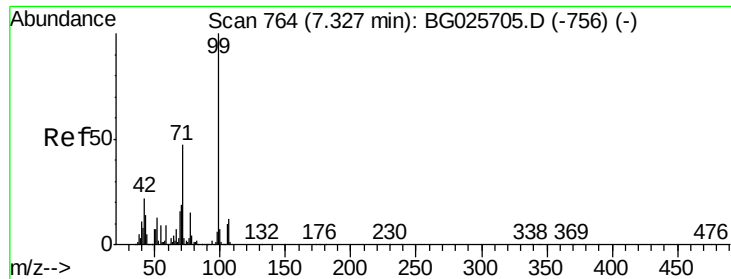


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 21.70 ng

RT: 7.22 min Scan# 661

Delta R.T. -0.01 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-U-M

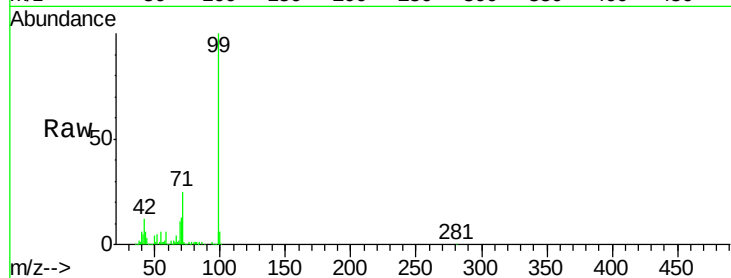
Tgt Ion: 99 Resp: 220431

Ion Ratio Lower Upper

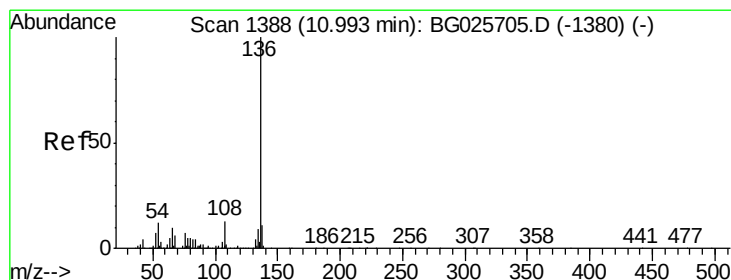
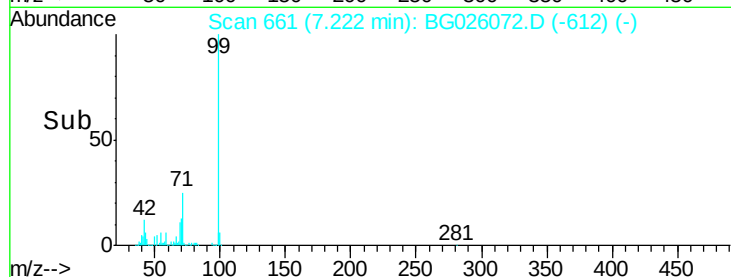
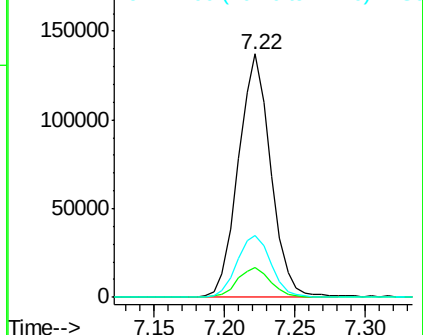
99 100

42 12.3 20.5 30.7#

71 25.2 37.6 56.4#



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: 10.87 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

Tgt Ion: 136 Resp: 489118

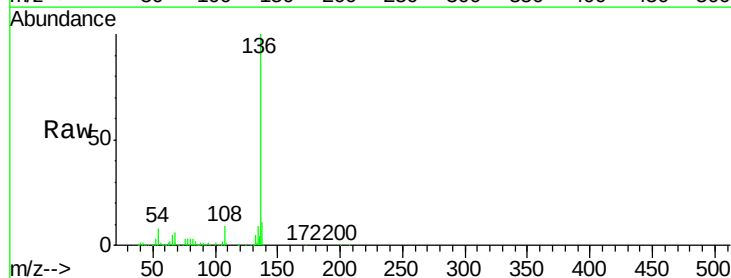
Ion Ratio Lower Upper

136 100

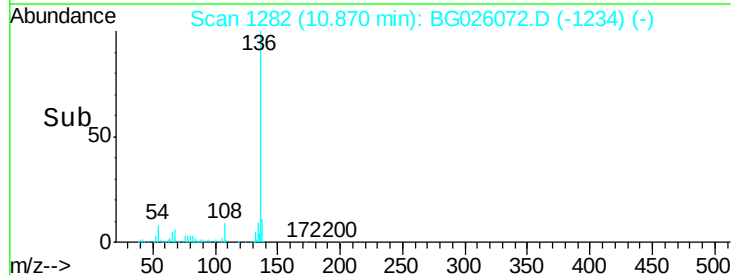
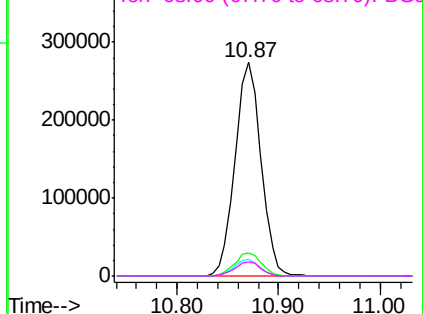
137 10.9 8.9 13.3

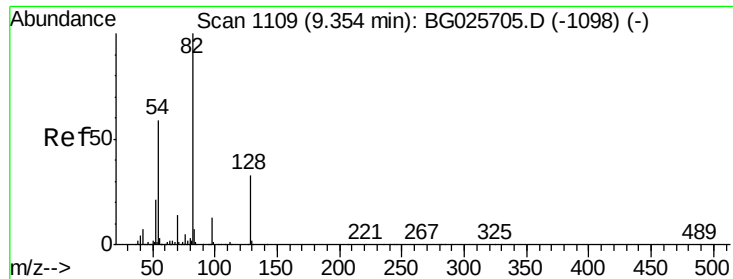
54 7.6 9.3 13.9#

68 6.4 5.1 7.7



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

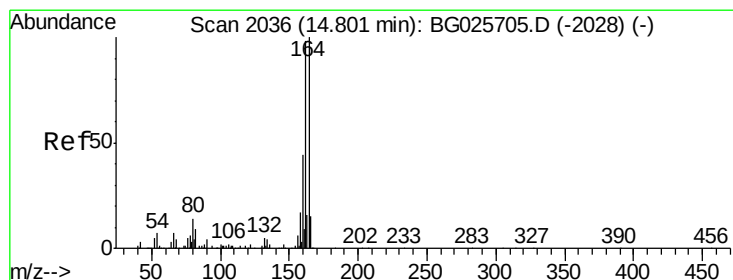
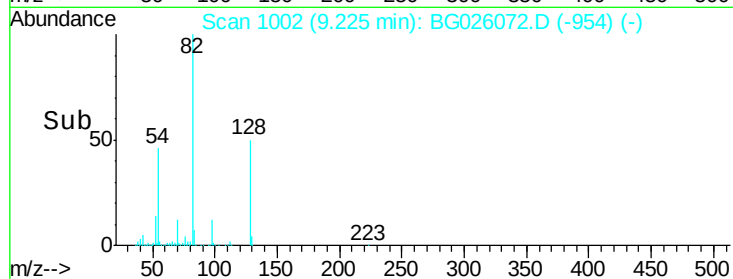
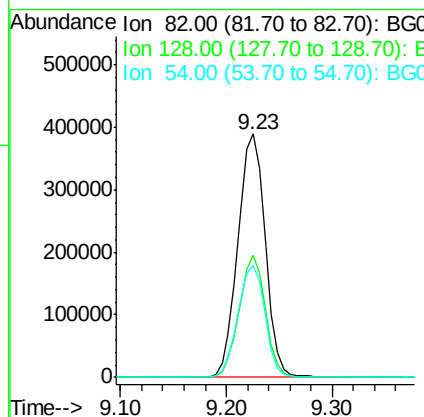
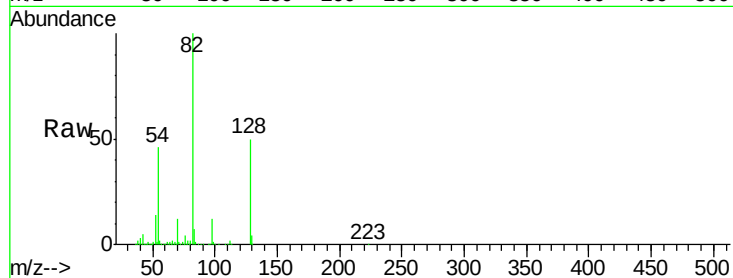




#23
 Nitrobenzene-d5
 Concen: 89.87 ng
 RT: 9.23 min Scan# 1002
 Delta R.T. -0.02 min
 Lab File: BG026072.D
 Acq: 3 Mar 2017 20:27

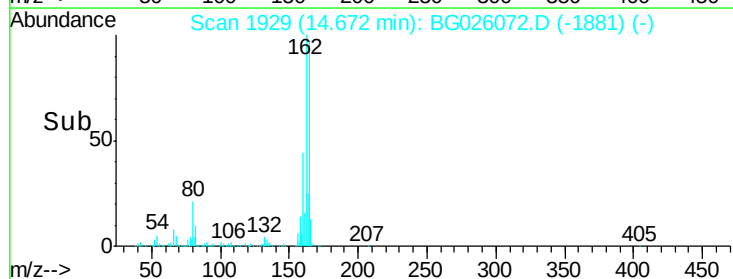
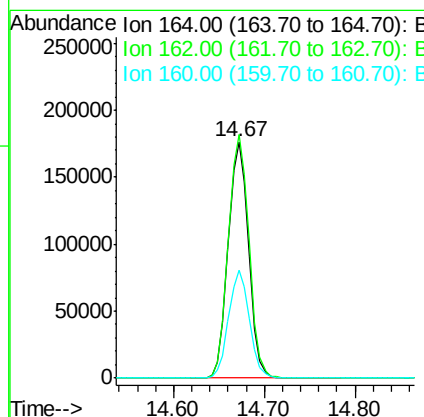
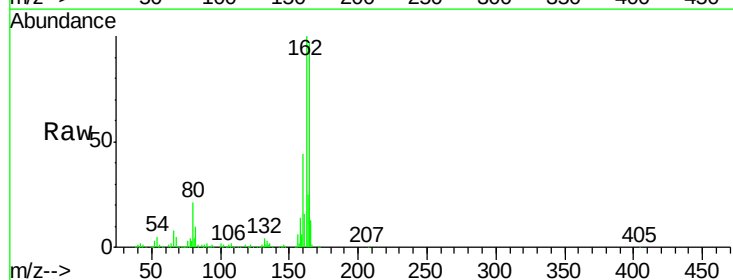
Instrument :
 BNA_G
 ClientSampleId :
 030117-PRRT-F-U-M

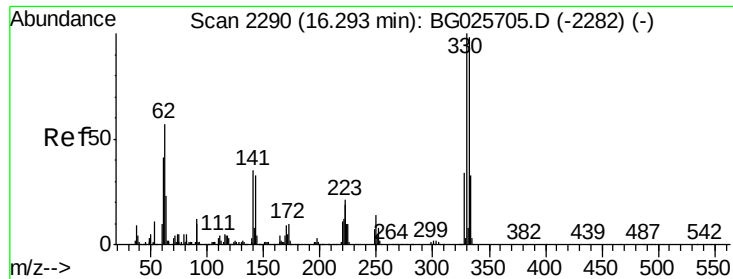
Tgt Ion: 82 Resp: 696516
 Ion Ratio Lower Upper
 82 100
 128 49.9 26.4 39.6#
 54 46.1 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1929
 Delta R.T. -0.02 min
 Lab File: BG026072.D
 Acq: 3 Mar 2017 20:27

Tgt Ion: 164 Resp: 275195
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.1 127.7
 160 45.7 34.7 52.1

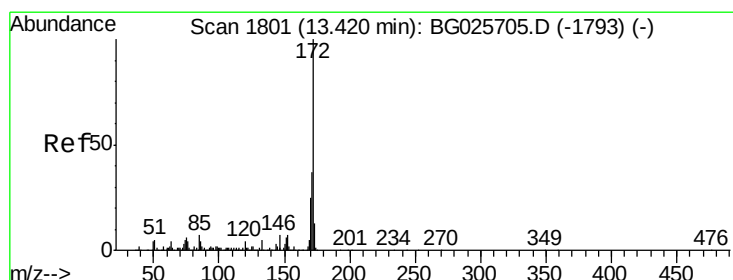
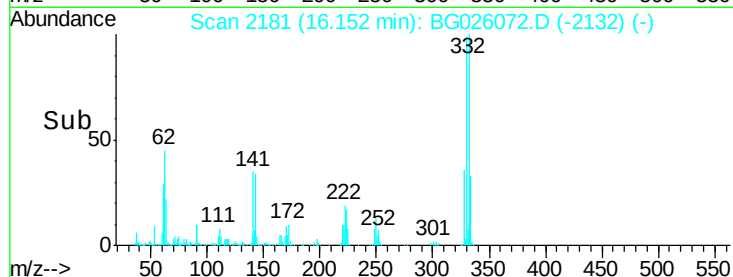
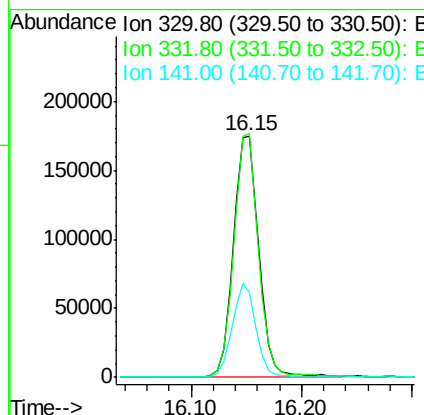
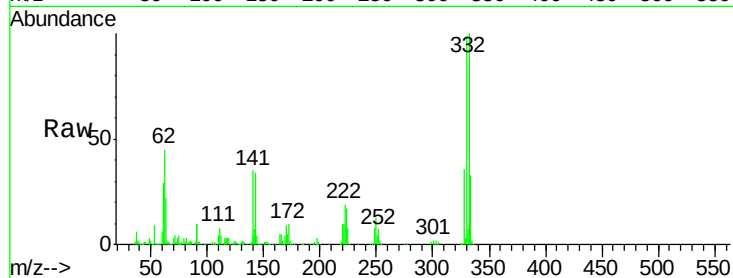




#41
 2,4,6-Tribromophenol
 Concen: 111.48 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026072.D
 Acq: 3 Mar 2017 20:27

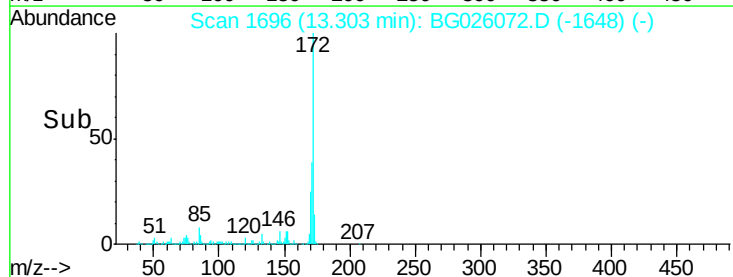
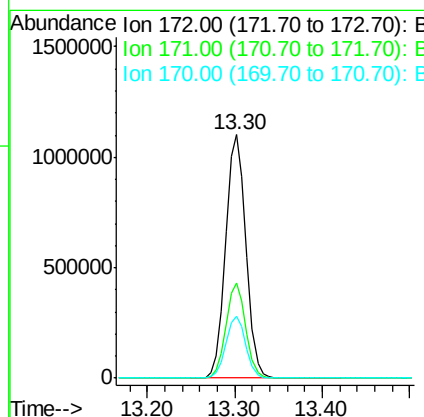
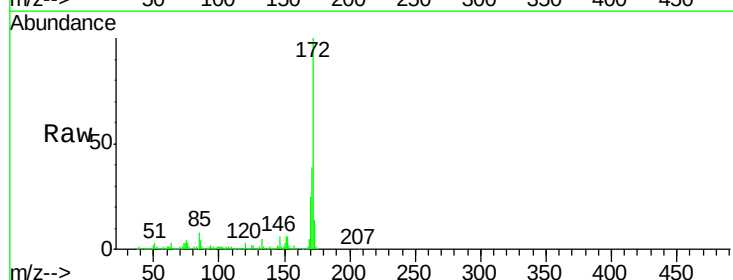
Instrument :
 BNA_G
 ClientSampleId :
 030117-PRRT-F-U-M

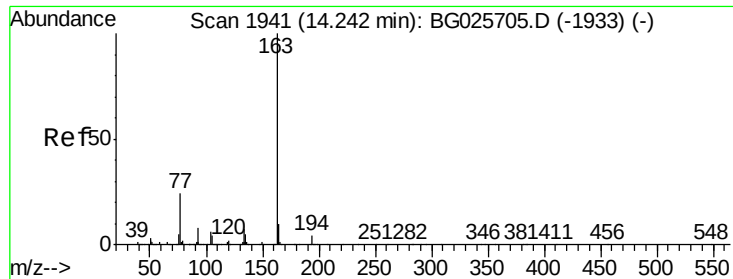
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.3	115.9
141	36.4	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 111.92 ng
 RT: 13.30 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG026072.D
 Acq: 3 Mar 2017 20:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.2	48.2
170	25.2	21.8	32.6





#49

Dimethylphthalate

Concen: 3.53 ng

RT: 14.12 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

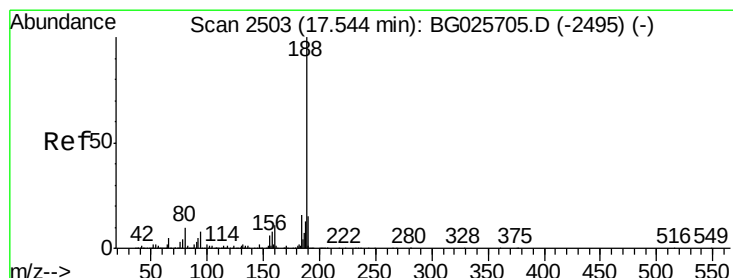
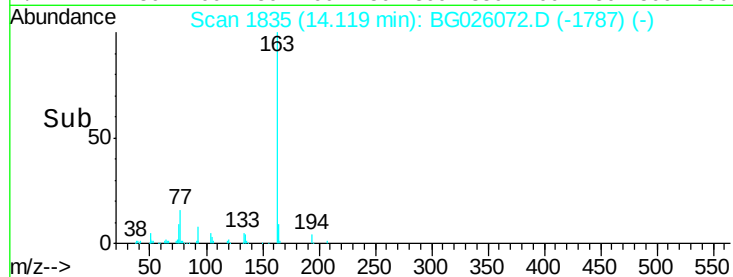
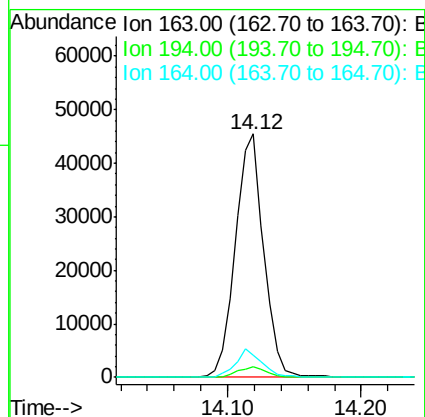
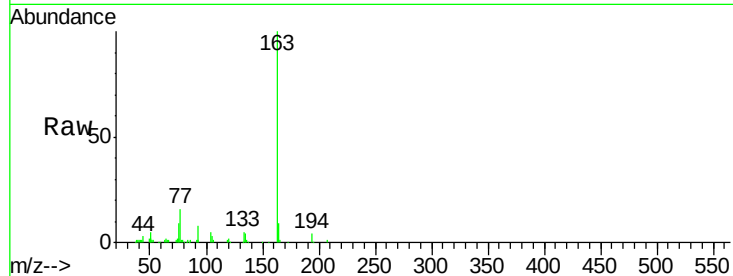
Instrument :

BNA_G

ClientSampleId :

030117-PRRT-F-U-M

Tgt Ion:	163	Resp:	66735
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.8	5.6
164	9.1	9.3	13.9#



#63

Phenanthrene-d10

Concen: 20.00 ng

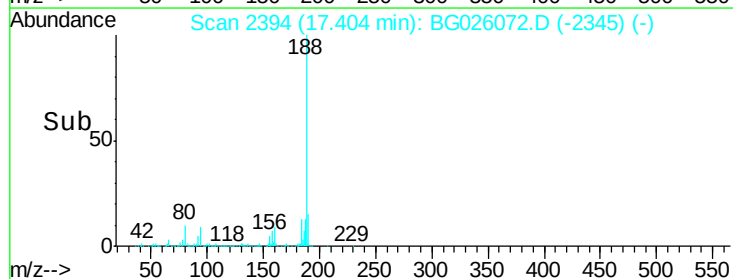
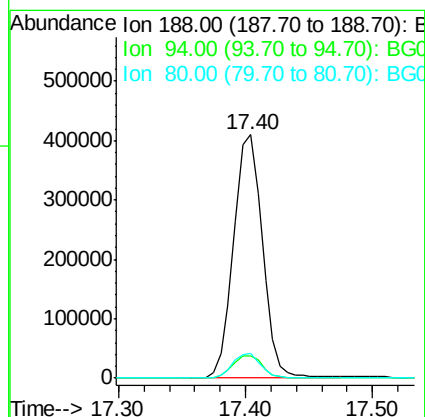
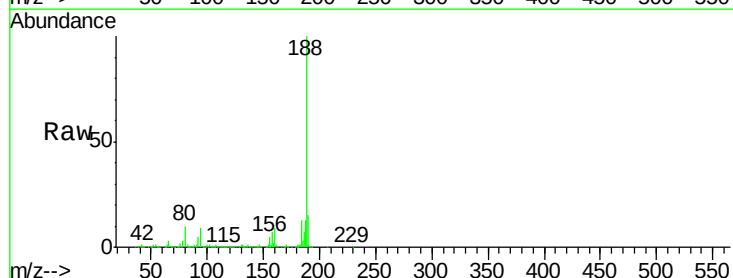
RT: 17.40 min Scan# 2394

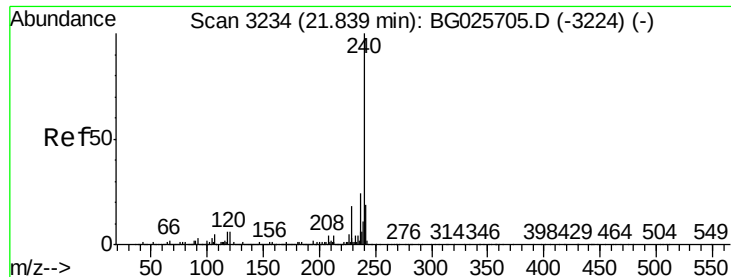
Delta R.T. -0.01 min

Lab File: BG026072.D

Acq: 3 Mar 2017 20:27

Tgt Ion:	188	Resp:	646646
Ion Ratio	Lower	Upper	
188	100		
94	9.2	5.8	8.8#
80	10.2	7.5	11.3

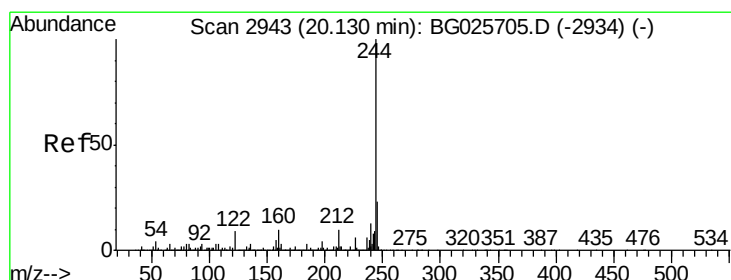
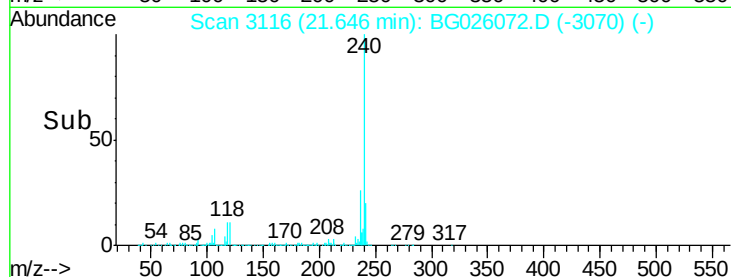
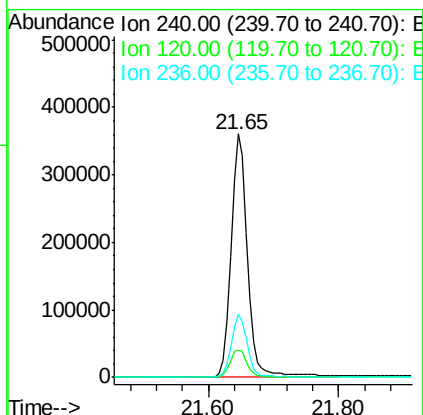
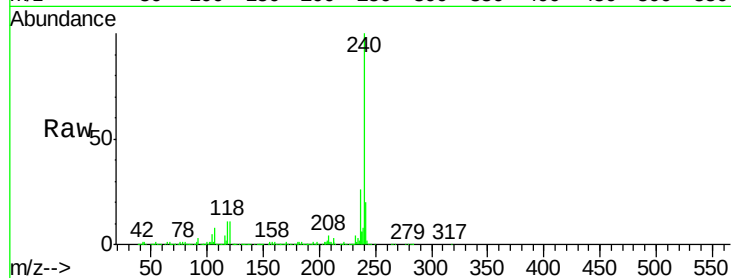




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.65 min Scan# 3116
Delta R.T. -0.03 min
Lab File: BG026072.D
Acq: 3 Mar 2017 20:27

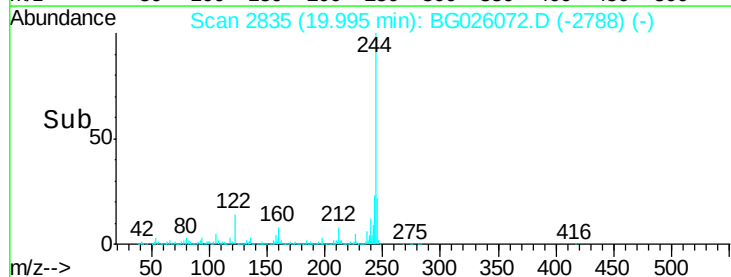
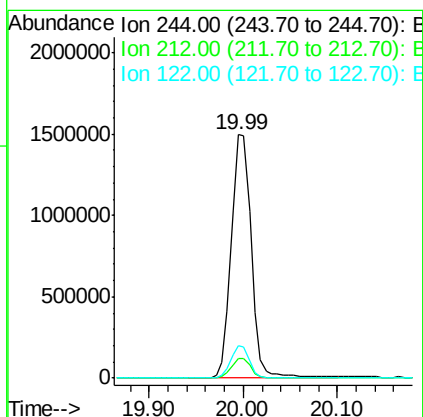
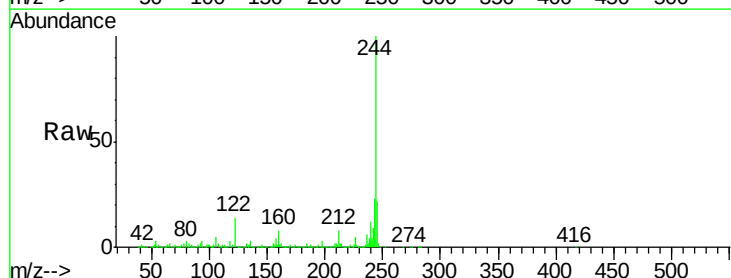
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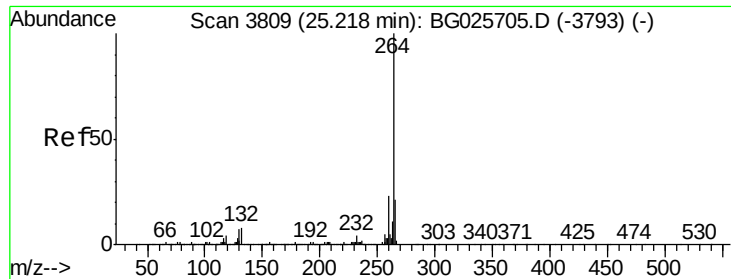
Tgt Ion:240 Resp: 630282
Ion Ratio Lower Upper
240 100
120 11.4 5.7 8.5#
236 25.9 22.2 33.4



#78
Terphenyl-d14
Concen: 85.88 ng
RT: 19.99 min Scan# 2835
Delta R.T. -0.03 min
Lab File: BG026072.D
Acq: 3 Mar 2017 20:27

Tgt Ion:244 Resp: 2225531
Ion Ratio Lower Upper
244 100
212 8.2 10.0 15.0#
122 13.6 8.6 12.8#

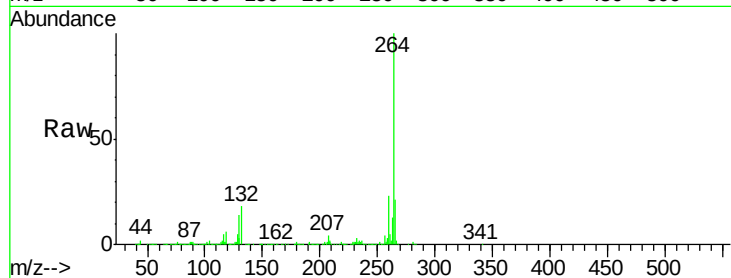




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.84 min Scan# 3660
 Delta R.T. -0.04 min
 Lab File: BG026072.D
 Acq: 3 Mar 2017 20:27

Instrument :
 BNA_G
 ClientSampleId :
 030117-PRRT-F-U-M

Tgt Ion:	264	Resp:	571117
Ion	Ratio	Lower	Upper
264	100		
260	22.8	21.8	32.8
265	21.3	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

