

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020617\
 Data File : BG025817.D
 Acq On : 7 Feb 2017 00:41
 Operator : SJ/MA
 Sample : I1697-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B26-B27-001

Quant Time: Feb 07 02:34:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

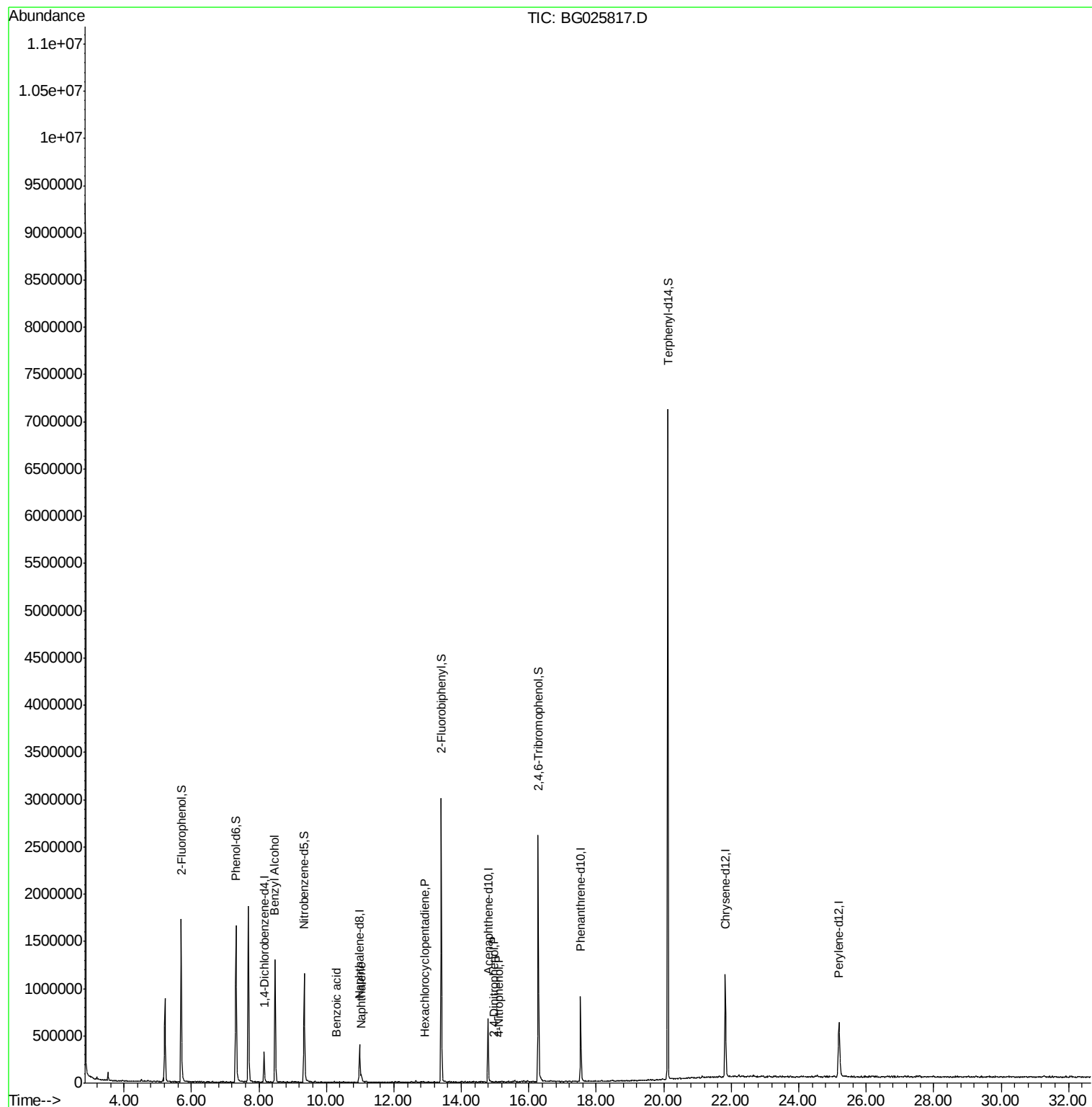
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	78619	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	330924	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	252512	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	573764	20.00	ng	0.00
75) Chrysene-d12	21.82	240	754360	20.00	ng	-0.02
86) Perylene-d12	25.19	264	720975	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	684111	155.95	ng	0.00
7) Phenol-d6	7.32	99	895960	139.84	ng	0.00
23) Nitrobenzene-d5	9.34	82	761456	97.22	ng	-0.02
41) 2,4,6-Tribromophenol	16.28	330	502850	139.64	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1441946	92.74	ng	-0.02
78) Terphenyl-d14	20.12	244	2687789	86.00	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.47	79	14124	2.55	ng	# 56
31) Naphthalene	11.04	128	68145	3.97	ng	# 96
32) Benzoic acid	10.28	122	273	7.96	ng	# 1
40) Hexachlorocyclopentadiene	12.91	237	85	10.71	ng	# 29
53) 2,4-Dinitrophenol	14.97	184	70	9.47	ng	# 15
55) 4-Nitrophenol	15.10	139	287	5.67	ng	# 33

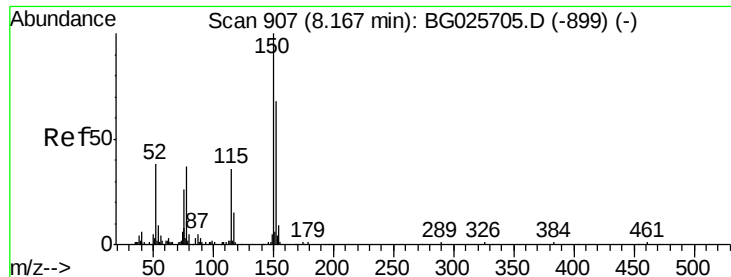
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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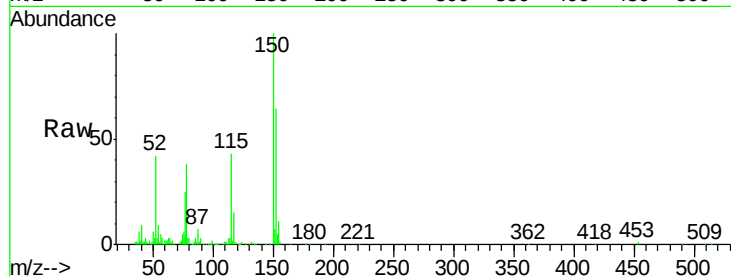


#1

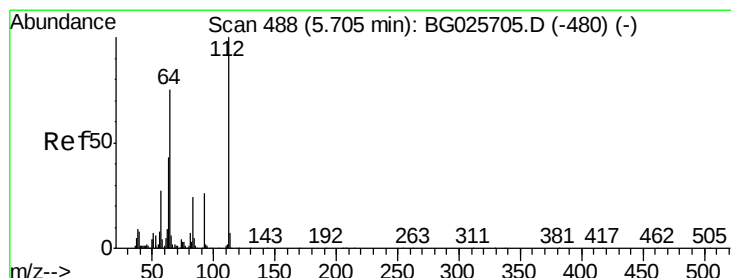
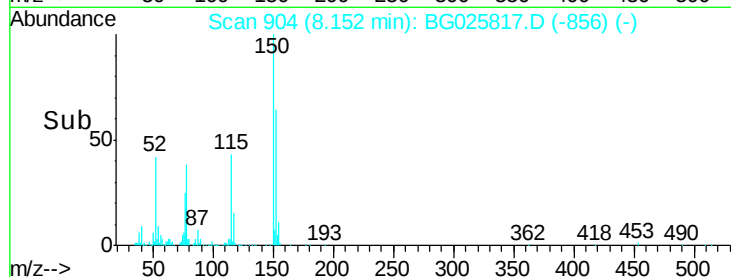
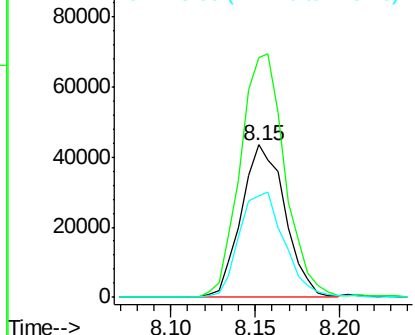
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.02 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

Instrument :
BNA_G
ClientSampleId :
WC-B26-B27-001

Tgt Ion:152 Resp: 78619
Ion Ratio Lower Upper
152 100
150 156.6 114.0 171.0
115 66.8 48.1 72.1



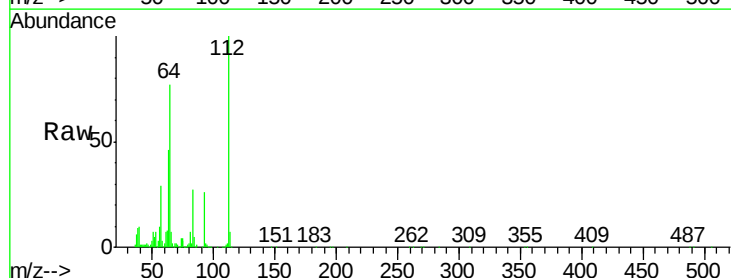
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



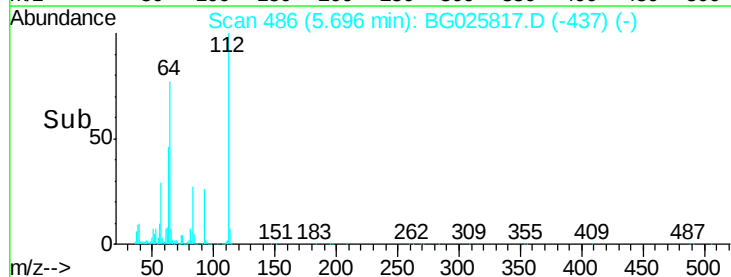
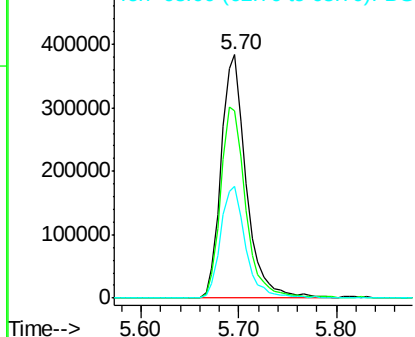
#5

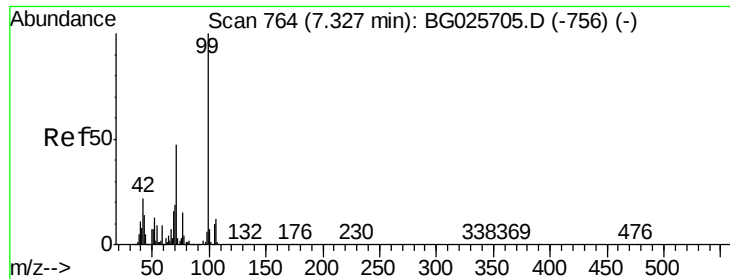
2-Fluorophenol
Concen: 155.95 ng
RT: 5.70 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

Tgt Ion:112 Resp: 684111
Ion Ratio Lower Upper
112 100
64 76.8 61.8 92.6
63 46.2 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: 139.84 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

Instrument :

BNA_G

ClientSampleId :

WC-B26-B27-001

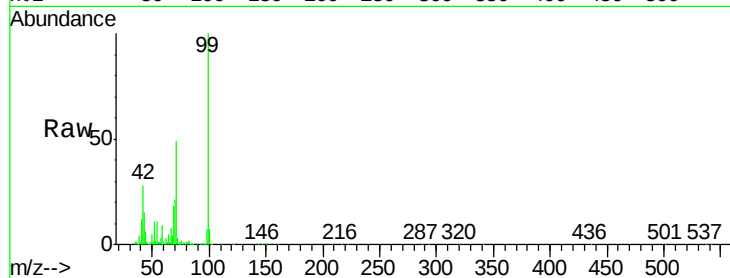
Tgt Ion: 99 Resp: 895960

Ion Ratio Lower Upper

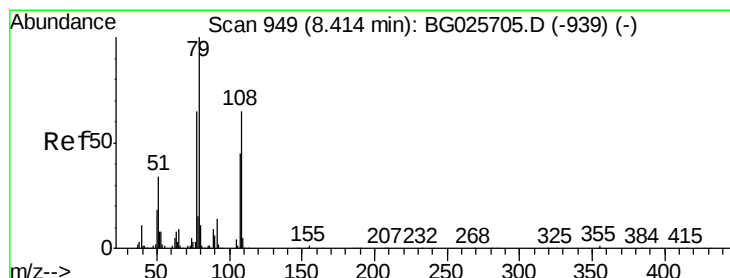
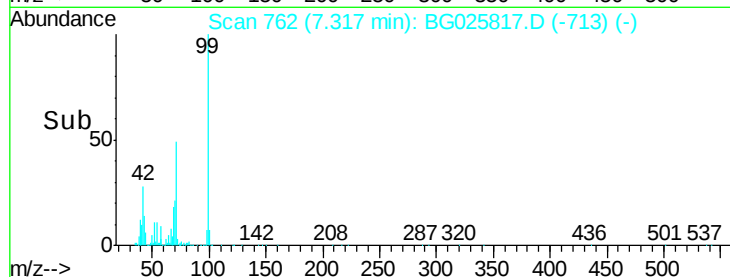
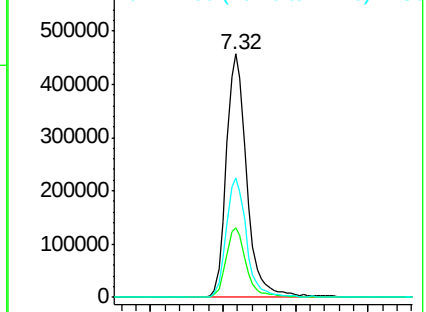
99 100

42 28.4 20.5 30.7

71 49.3 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



#15

Benzyl Alcohol

Concen: 2.55 ng

RT: 8.47 min Scan# 959

Delta R.T. 0.06 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

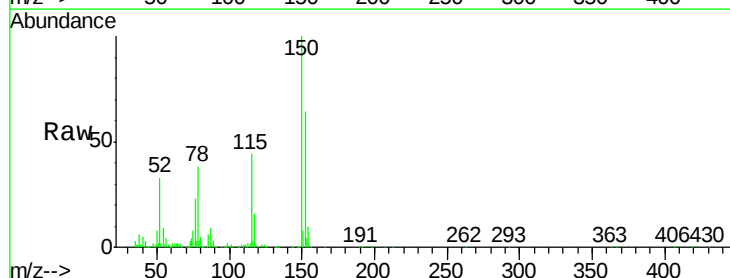
Tgt Ion: 79 Resp: 14124

Ion Ratio Lower Upper

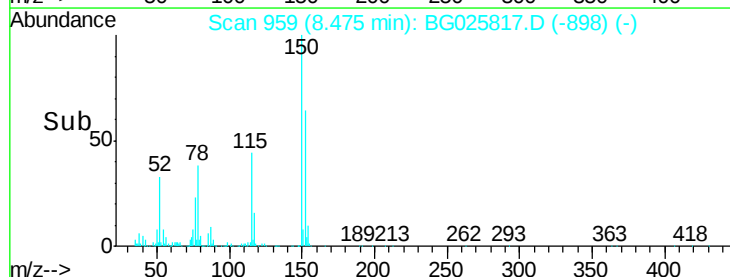
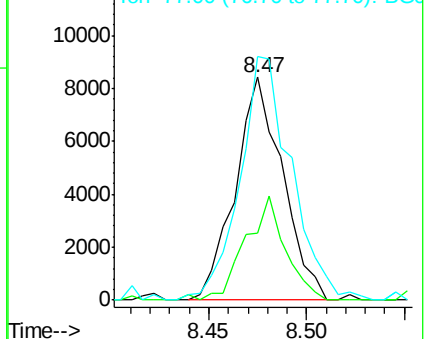
79 100

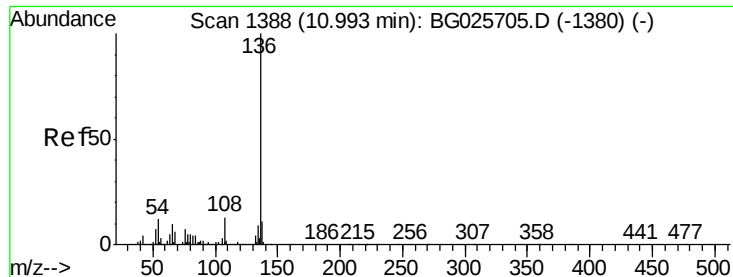
108 30.1 45.5 68.3#

77 109.2 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

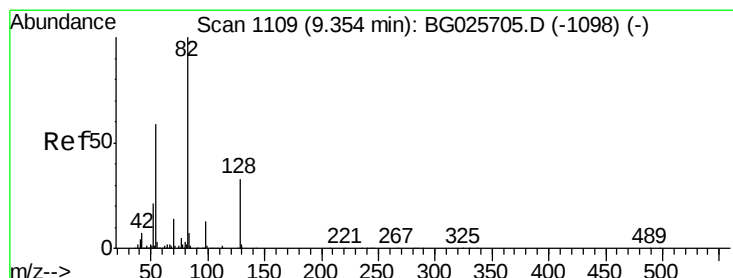
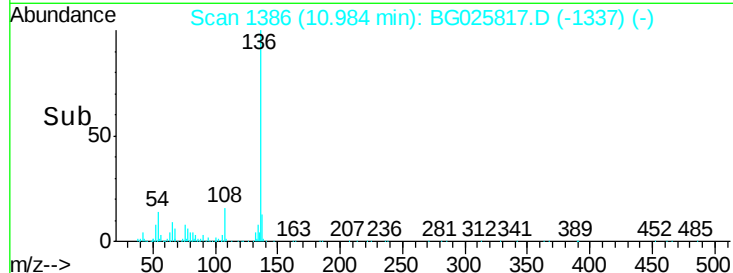
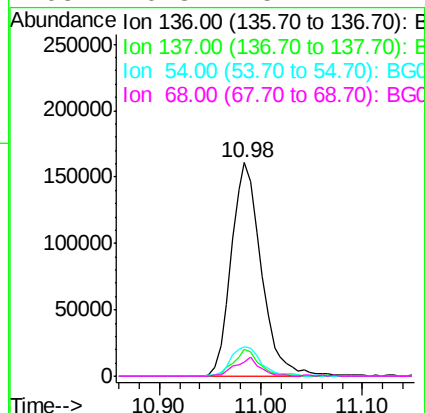
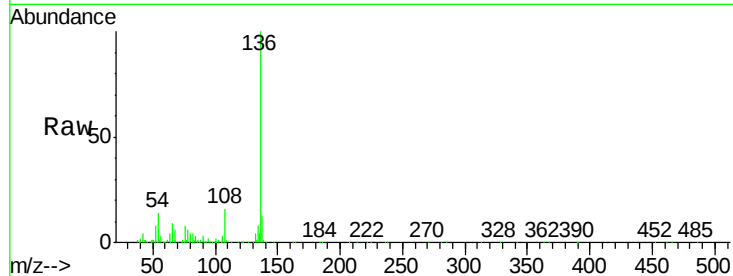




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

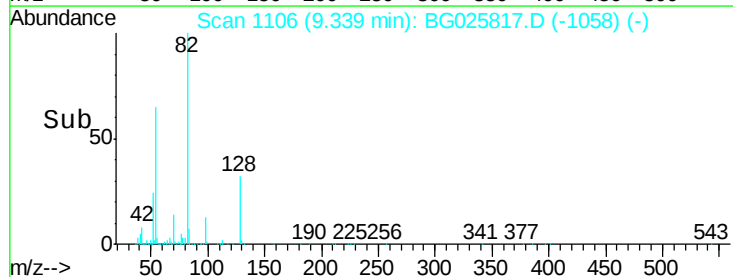
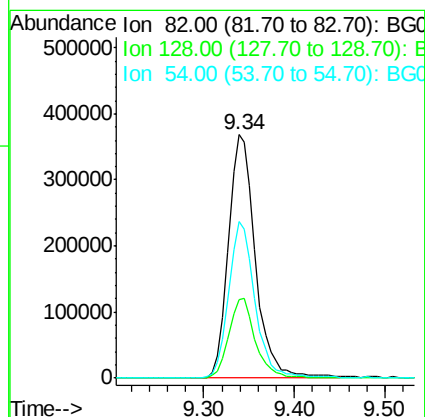
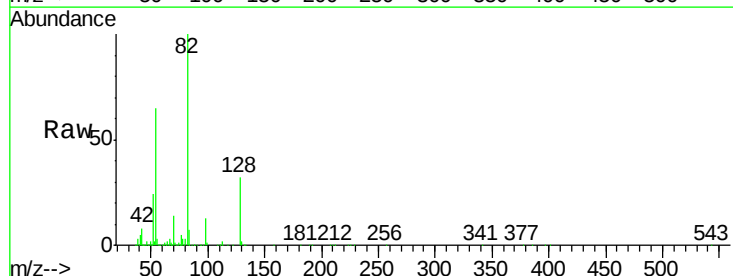
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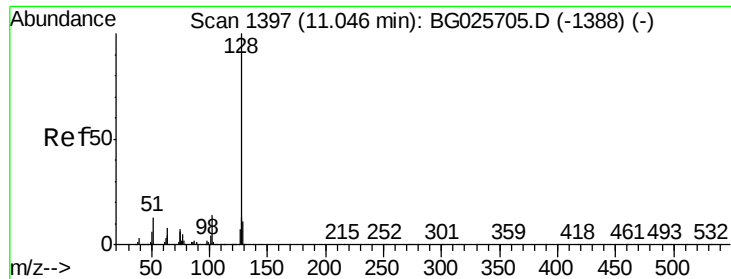
Tgt Ion:	136	Resp:	330924
Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.9	13.3
54	13.8	9.3	13.9
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 97.22 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

Tgt Ion:	82	Resp:	761456
Ion	Ratio	Lower	Upper
82	100		
128	32.2	26.4	39.6
54	64.5	49.4	74.2

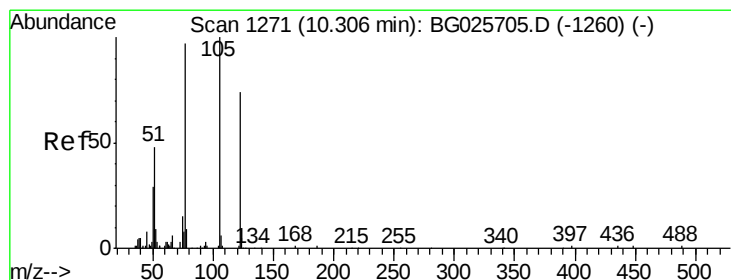
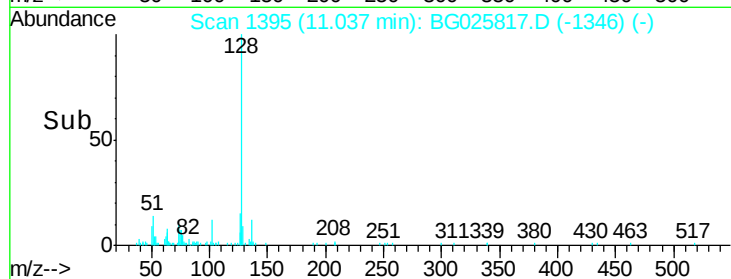
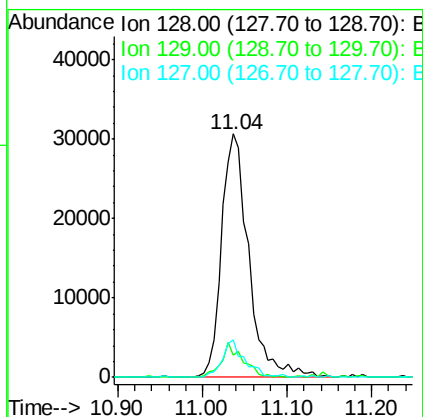
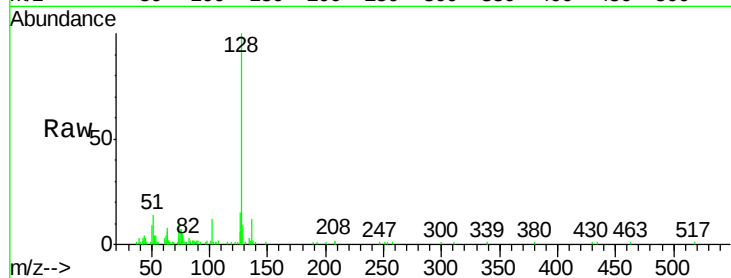




#31
Naphthalene
Concen: 3.97 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

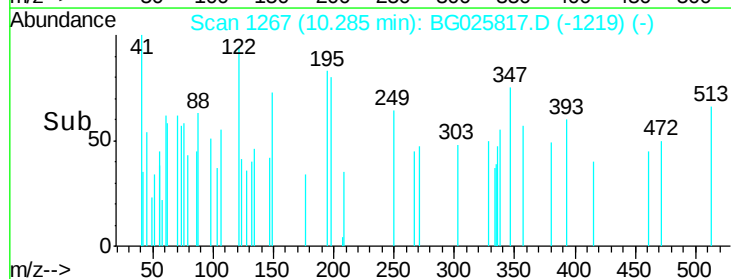
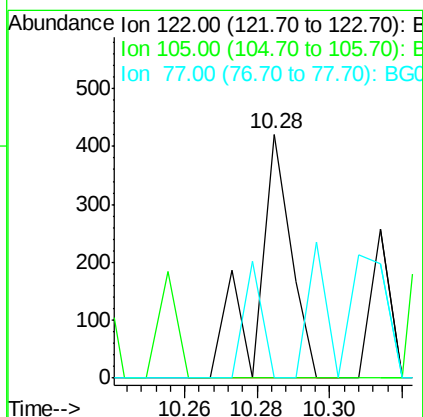
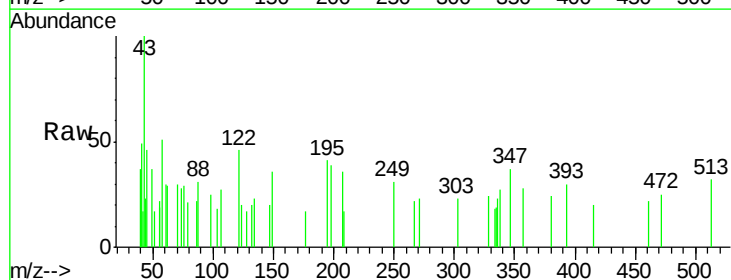
Instrument :
BNA_G
ClientSampleId :
WC-B26-B27-001

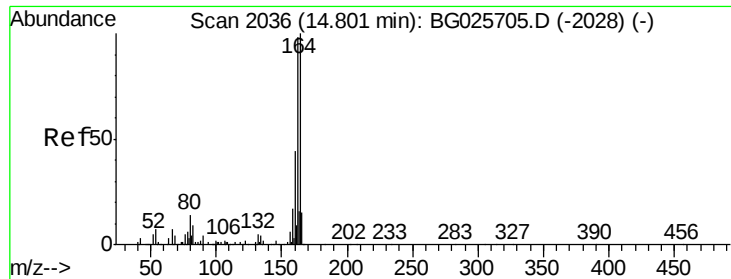
Tgt Ion:128 Resp: 68145
Ion Ratio Lower Upper
128 100
129 9.1 9.3 13.9#
127 15.3 11.4 17.0



#32
Benzoic acid
Concen: 7.96 ng
RT: 10.28 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

Tgt Ion:122 Resp: 273
Ion Ratio Lower Upper
122 100
105 0.0 120.1 160.1#
77 0.0 104.6 144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.79 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

Instrument :

BNA_G

ClientSampleId :

WC-B26-B27-001

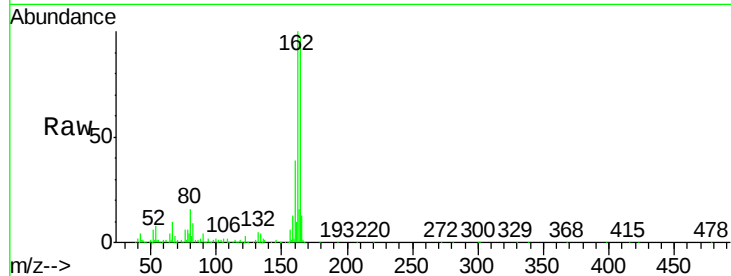
Tgt Ion:164 Resp: 252512

Ion Ratio Lower Upper

164 100

162 103.1 85.1 127.7

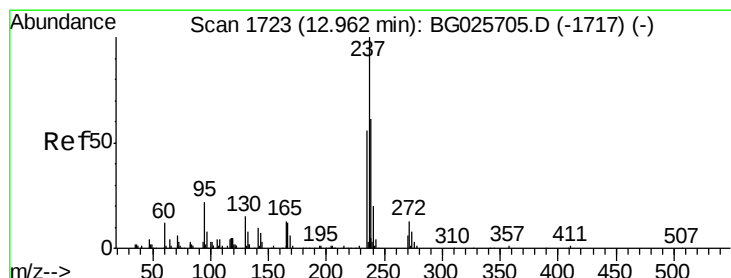
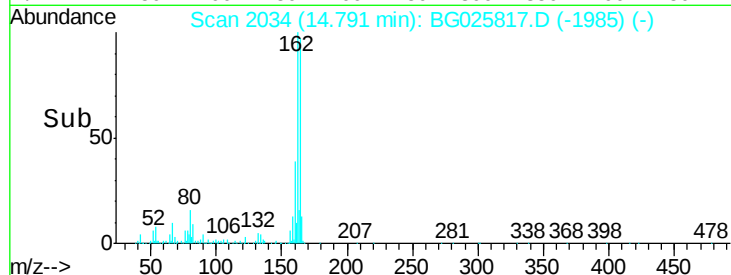
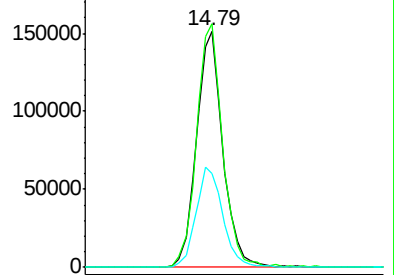
160 39.8 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

Hexachlorocyclopentadiene

Concen: 10.71 ng

RT: 12.91 min Scan# 1713

Delta R.T. -0.06 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

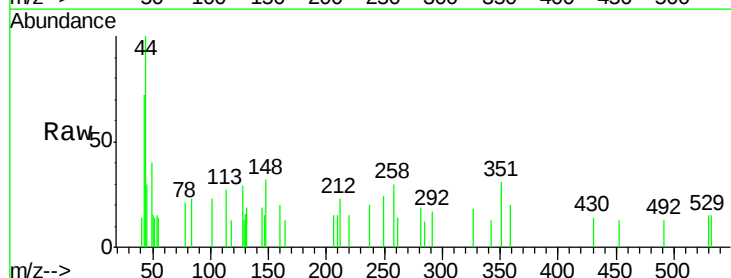
Tgt Ion:237 Resp: 85

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

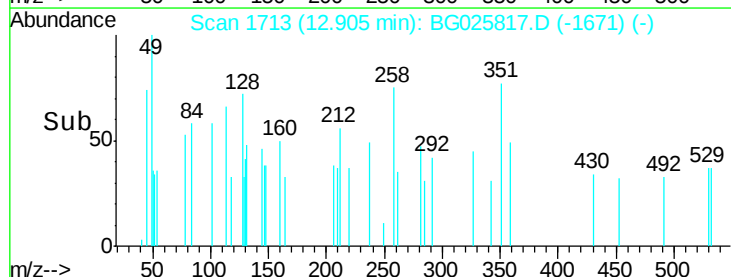
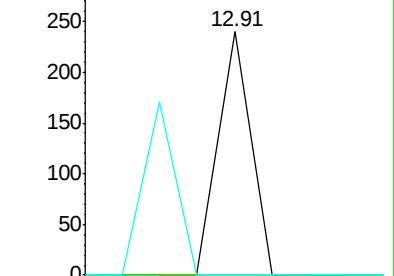
272 0.0 0.0 32.0

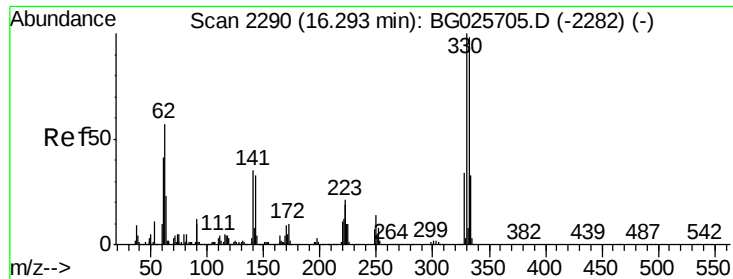


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

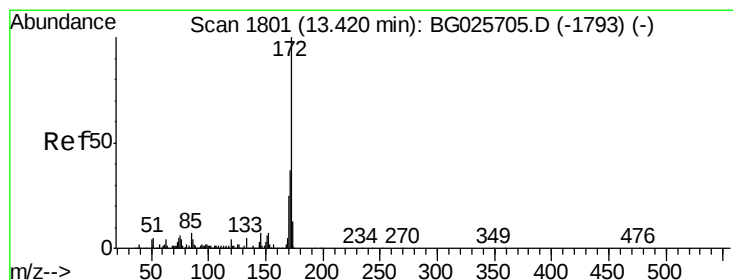
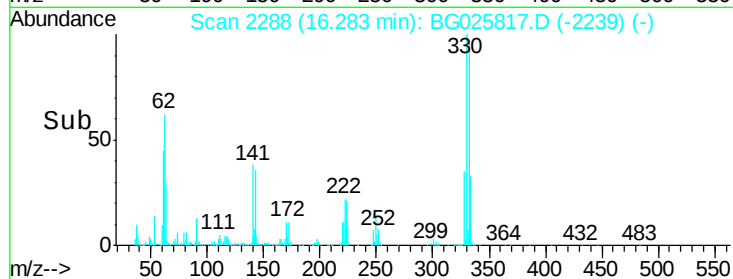
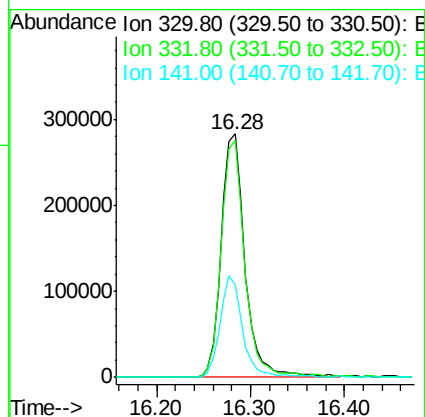
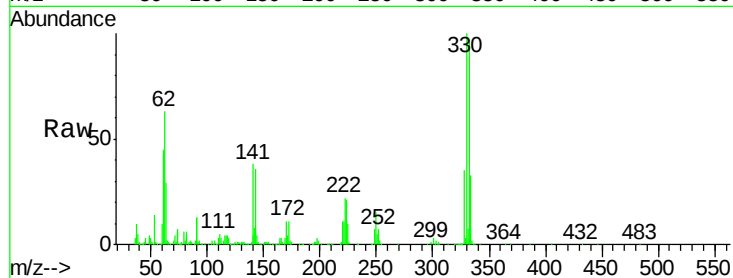




#41
 2,4,6-Tribromophenol
 Concen: 139.64 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BG025817.D
 Acq: 7 Feb 2017 00:41

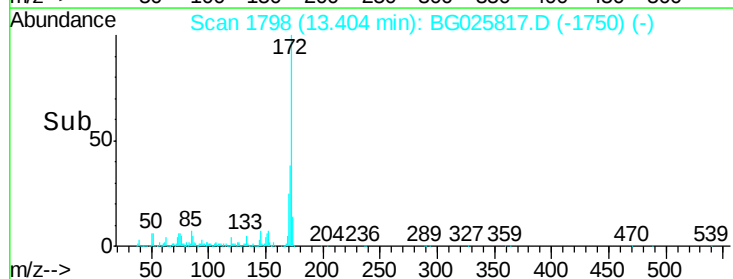
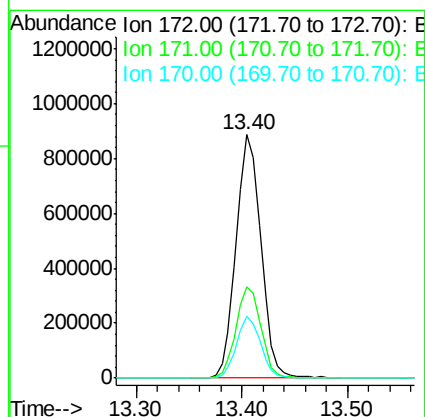
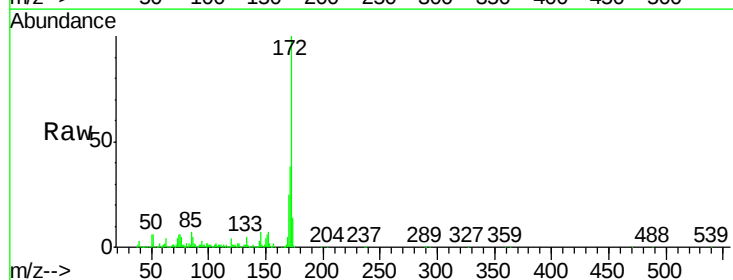
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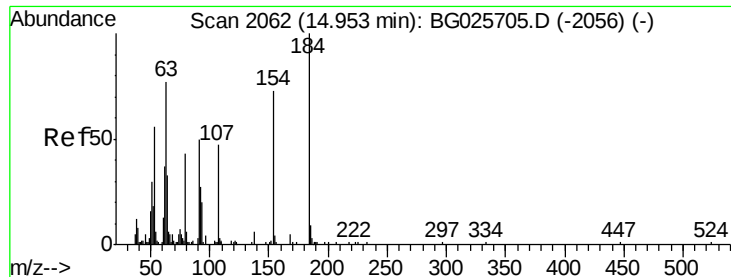
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	39.5	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 92.74 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG025817.D
 Acq: 7 Feb 2017 00:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	25.2	21.8	32.6

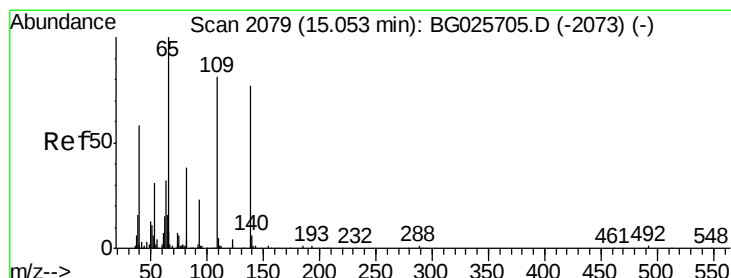
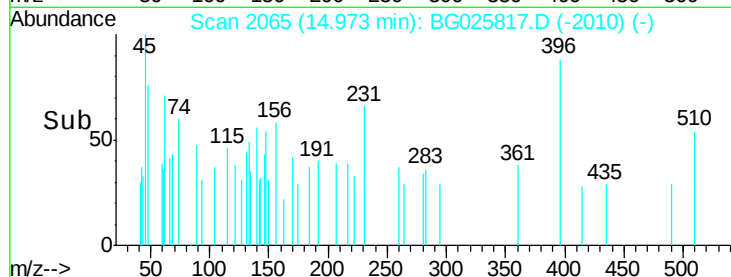
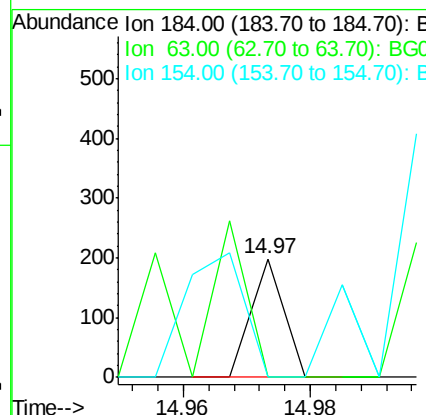
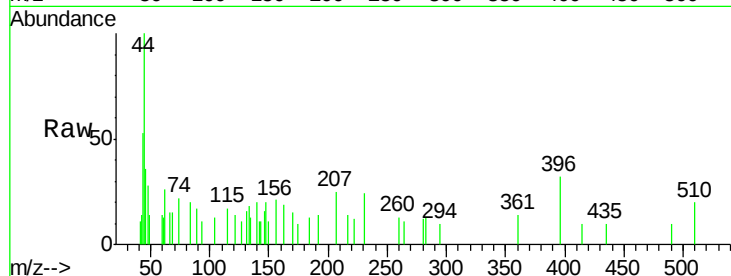




#53
2,4-Dinitrophenol
Concen: 9.47 ng
RT: 14.97 min Scan# 2065
Delta R.T. 0.02 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

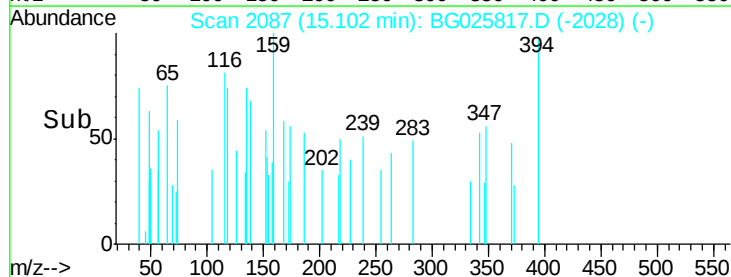
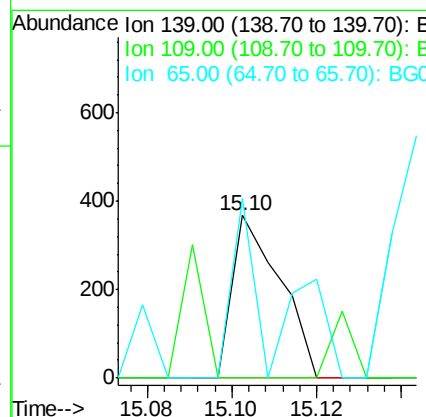
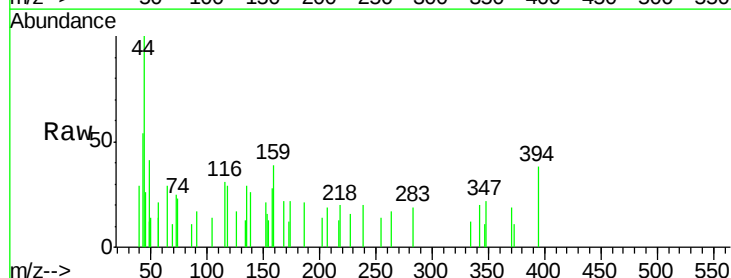
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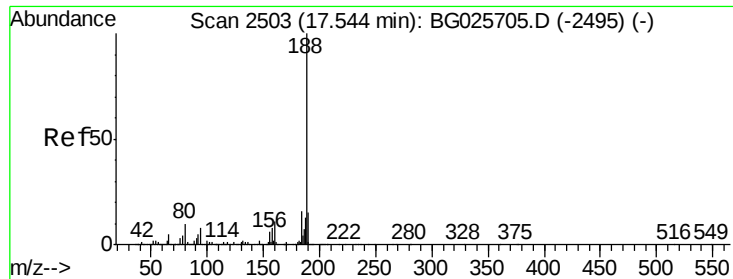
Tgt Ion:184 Resp: 70
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#



#55
4-Nitrophenol
Concen: 5.67 ng
RT: 15.10 min Scan# 2087
Delta R.T. 0.05 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

Tgt Ion:139 Resp: 287
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 110.6 135.3 175.3#

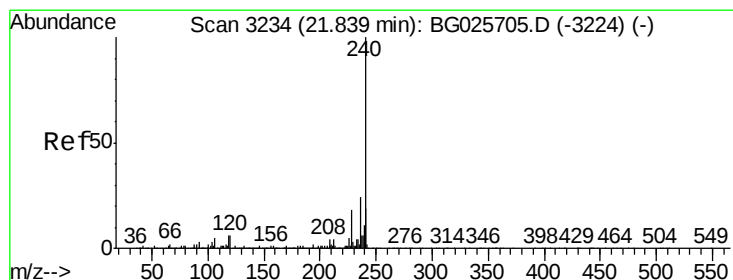
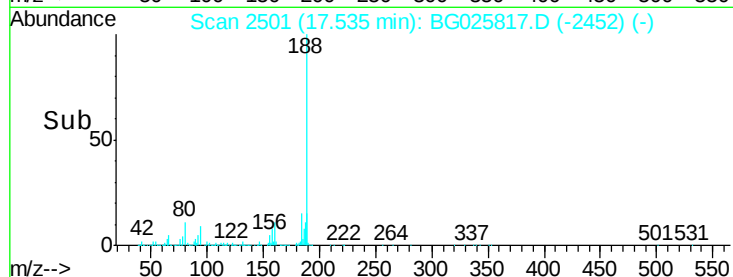
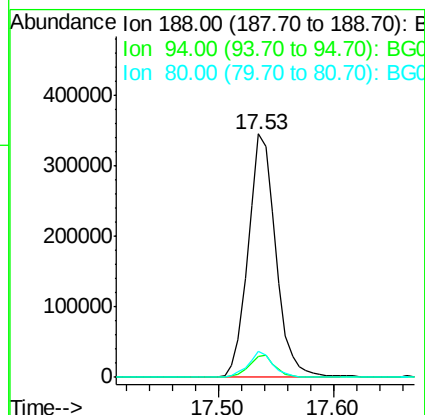
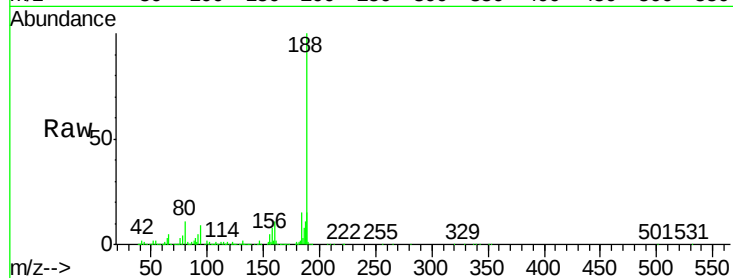




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

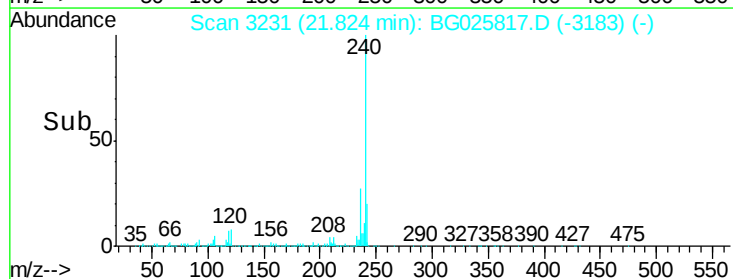
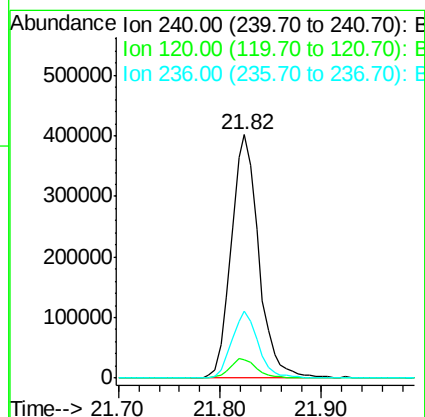
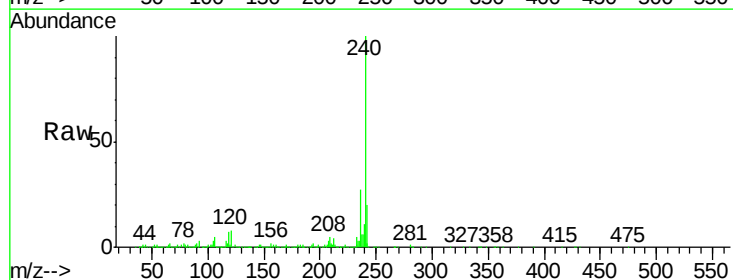
Instrument :
BNA_G
ClientSampleId :
WC-B26-B27-001

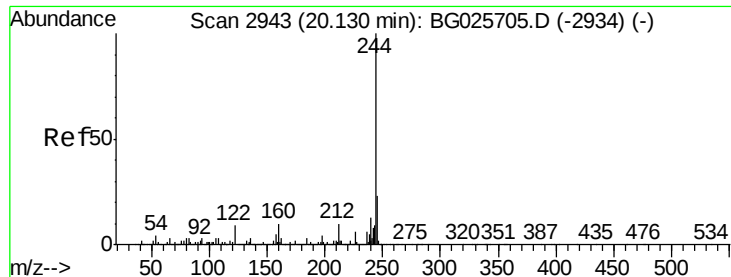
Tgt Ion:188 Resp: 573764
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8#
80 10.7 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BG025817.D
Acq: 7 Feb 2017 00:41

Tgt Ion:240 Resp: 754360
Ion Ratio Lower Upper
240 100
120 7.6 5.7 8.5
236 27.4 22.2 33.4





#78

Terphenyl-d14

Concen: 86.00 ng

RT: 20.12 min Scan# 2941

Delta R.T. -0.01 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

Instrument :

BNA_G

ClientSampleId :

WC-B26-B27-001

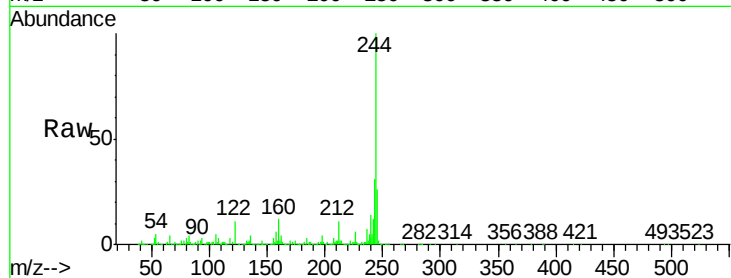
Tgt Ion:244 Resp: 2687789

Ion	Ratio	Lower	Upper
244	100		
212	11.3	10.0	15.0
122	10.9	8.6	12.8

244 100

212 11.3 10.0 15.0

122 10.9 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

2500000

2000000

1500000

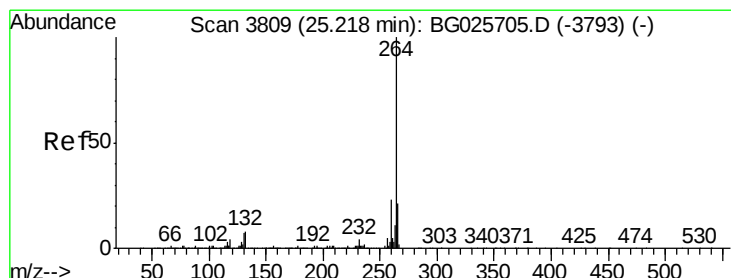
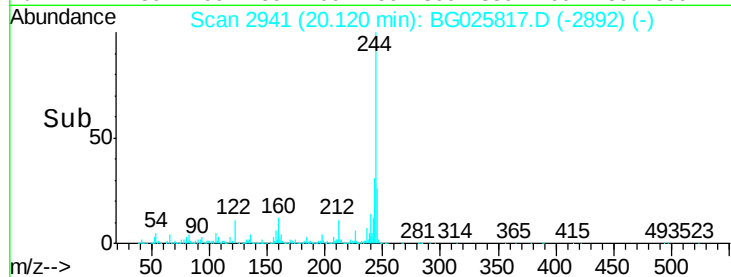
1000000

500000

0

20.12

Time--> 20.00 20.10 20.20



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.19 min Scan# 3804

Delta R.T. -0.03 min

Lab File: BG025817.D

Acq: 7 Feb 2017 00:41

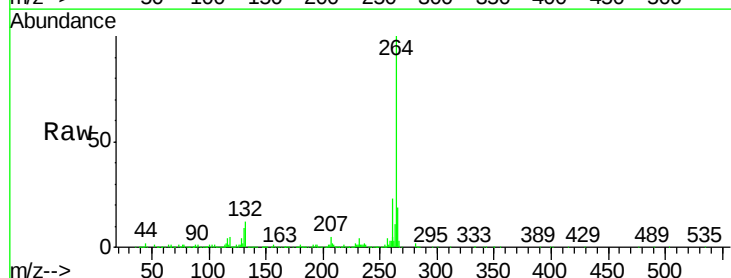
Tgt Ion:264 Resp: 720975

Ion	Ratio	Lower	Upper
264	100		
260	22.5	21.8	32.8
265	18.9	18.2	27.4

264 100

260 22.5 21.8 32.8

265 18.9 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

300000

250000

200000

150000

100000

50000

0

25.19

Time--> 25.10 25.20 25.30

