

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020617\
 Data File : BG025814.D
 Acq On : 6 Feb 2017 22:42
 Operator : SJ/MA
 Sample : I1695-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2-10

Quant Time: Feb 07 01:23:50 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

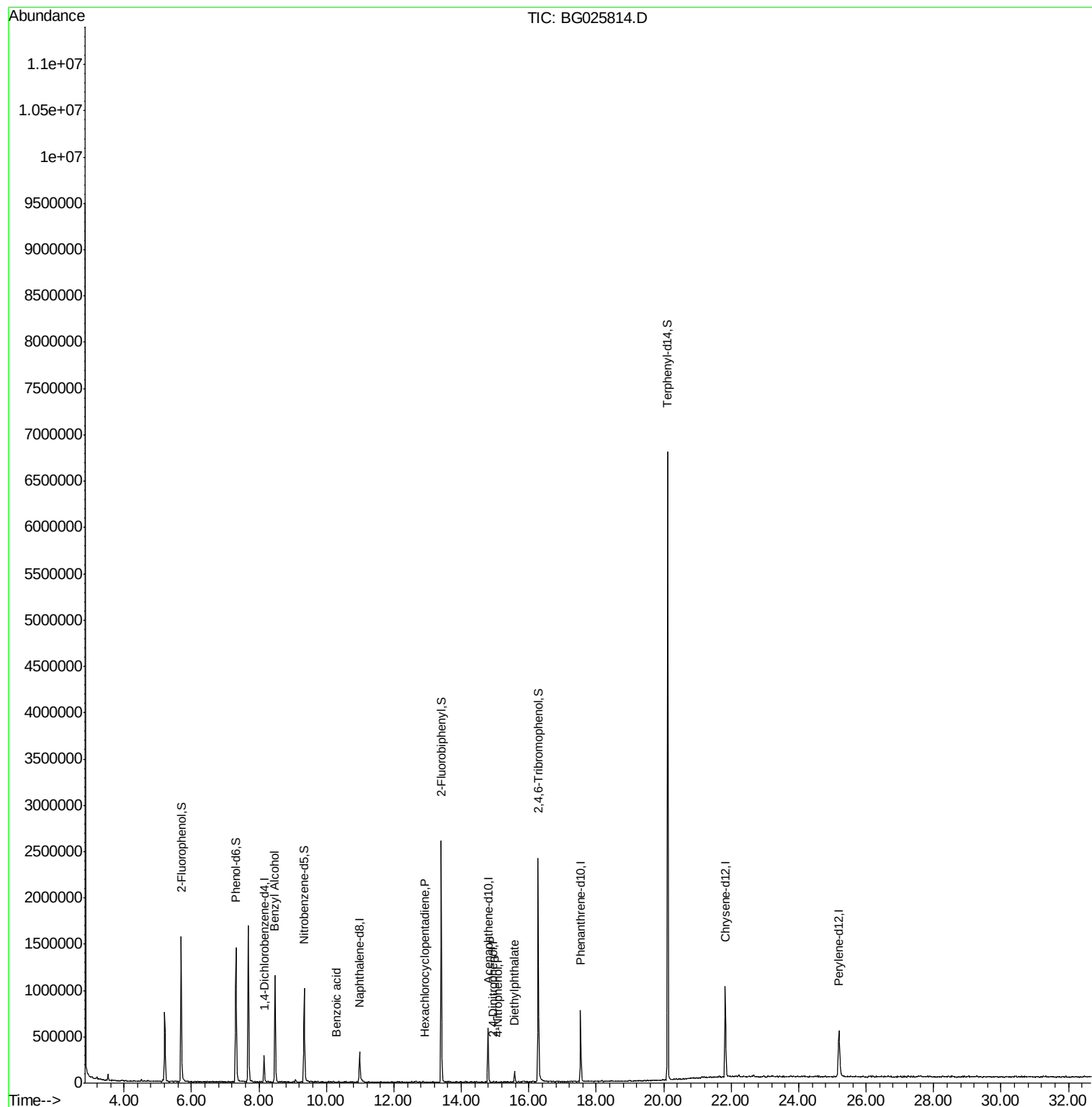
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	73916	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	292803	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	215514	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	506049	20.00	ng	0.00
75) Chrysene-d12	21.83	240	658068	20.00	ng	-0.01
86) Perylene-d12	25.20	264	610000	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	612910	148.61	ng	-0.01
7) Phenol-d6	7.32	99	810749	134.60	ng	0.00
23) Nitrobenzene-d5	9.34	82	678629	97.93	ng	-0.01
41) 2,4,6-Tribromophenol	16.28	330	451951	147.05	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1299085	97.90	ng	-0.01
78) Terphenyl-d14	20.12	244	2539492	93.14	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	8.48	79	12040	2.31	ng	# 44
32) Benzoic acid	10.30	122	56	7.90	ng	# 53
40) Hexachlorocyclopentadiene	12.92	237	72	10.71	ng	# 29
53) 2,4-Dinitrophenol	14.95	184	55	9.46	ng	# 33
55) 4-Nitrophenol	15.08	139	57	5.60	ng	# 1
59) Diethylphthalate	15.58	149	67686	3.93	ng	93

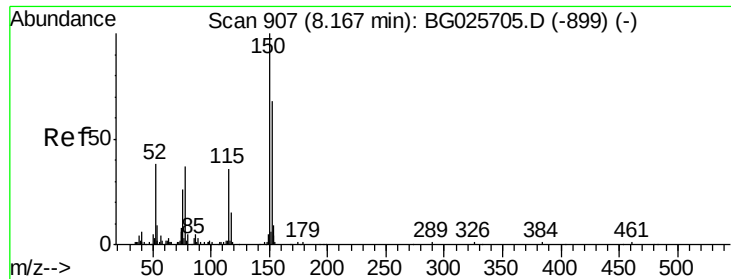
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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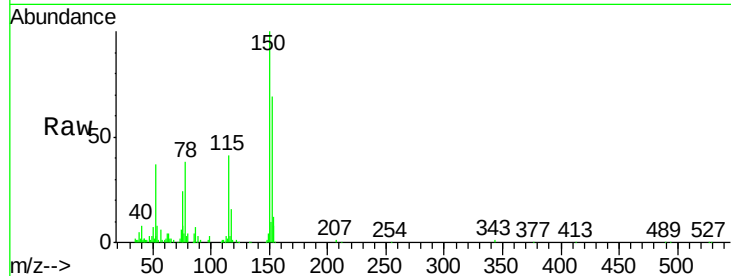


#1

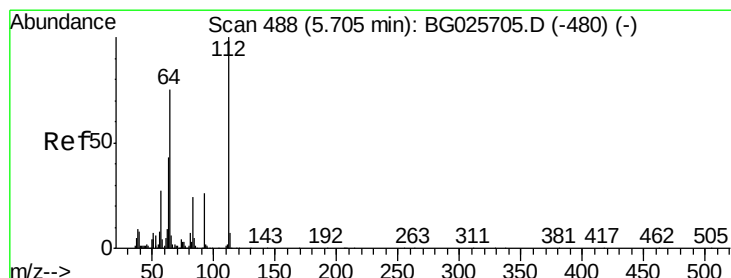
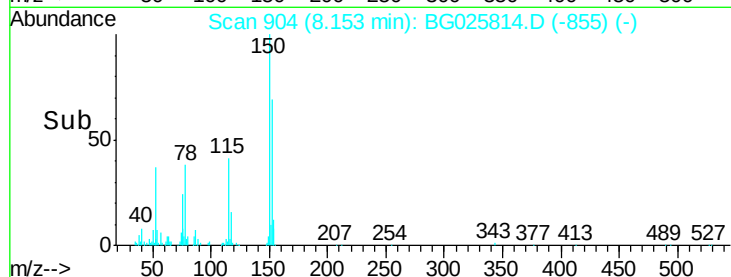
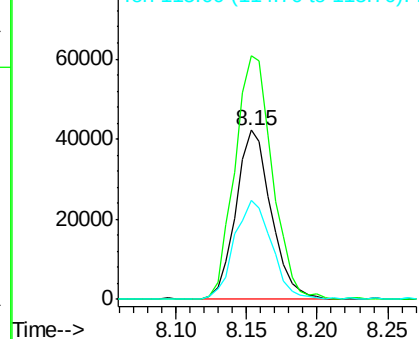
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

Instrument :
BNA_G
ClientSampleId :
B2-10

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.2	114.0	171.0
115	58.6	48.1	72.1



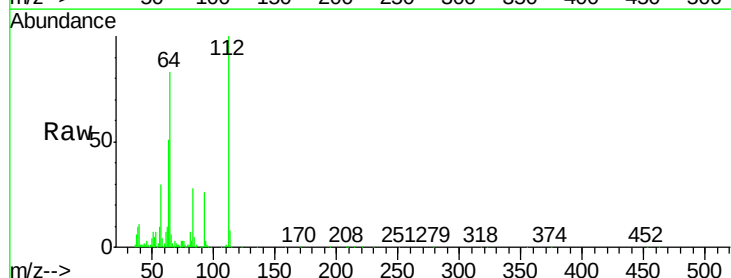
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



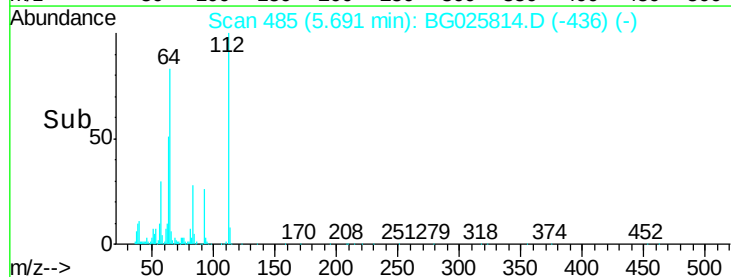
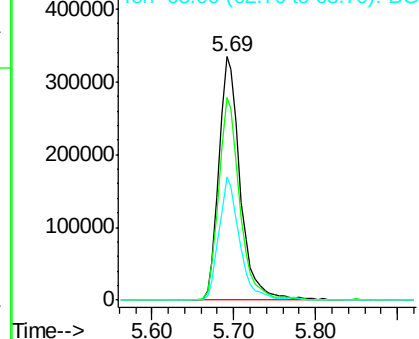
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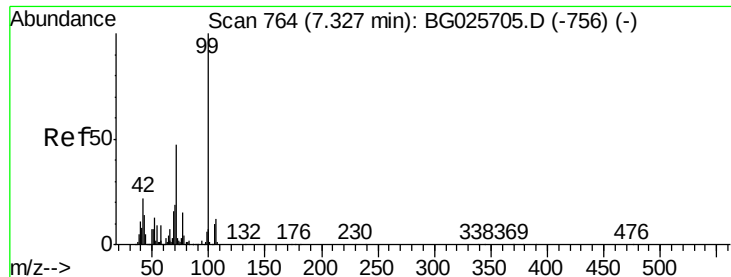
2-Fluorophenol
Concen: 148.61 ng
RT: 5.69 min Scan# 485
Delta R.T. -0.01 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.2	61.8	92.6
63	50.6	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: 134.60 ng

RT: 7.32 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG025814.D

Acq: 6 Feb 2017 22:42

Instrument :

BNA_G

ClientSampled :

B2-10

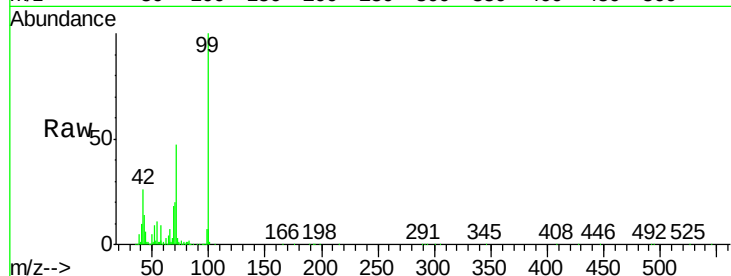
Tgt Ion: 99 Resp: 810749

Ion Ratio Lower Upper

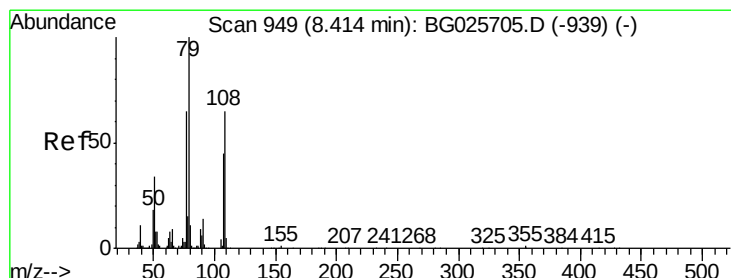
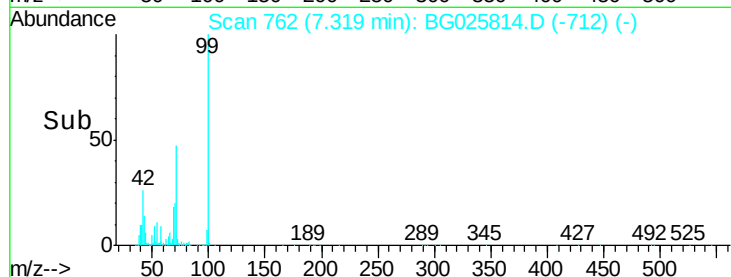
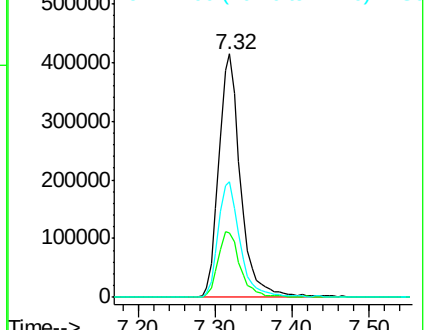
99 100

42 26.3 20.5 30.7

71 47.5 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: 2.31 ng

RT: 8.48 min Scan# 959

Delta R.T. 0.06 min

Lab File: BG025814.D

Acq: 6 Feb 2017 22:42

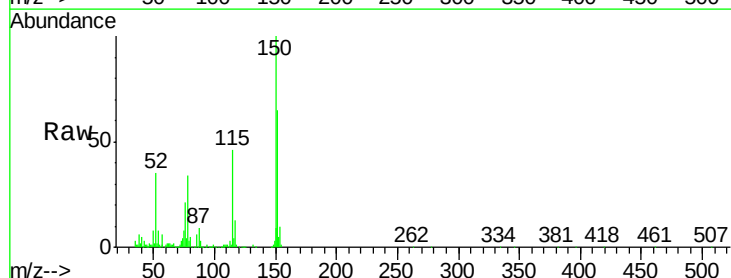
Tgt Ion: 79 Resp: 12040

Ion Ratio Lower Upper

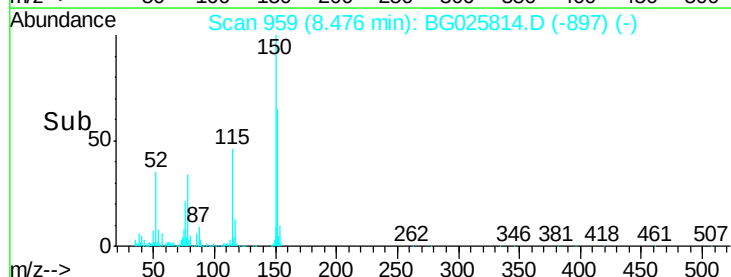
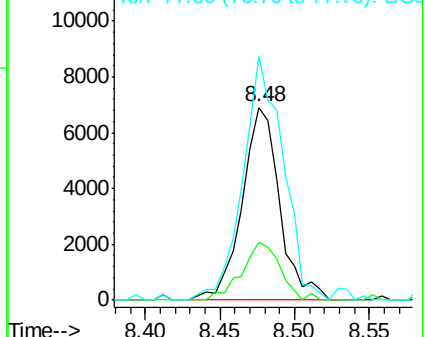
79 100

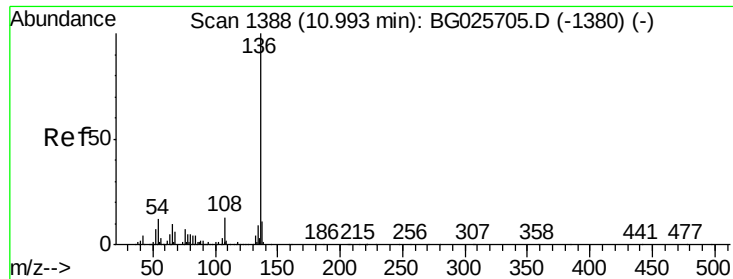
108 30.0 45.5 68.3#

77 126.5 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

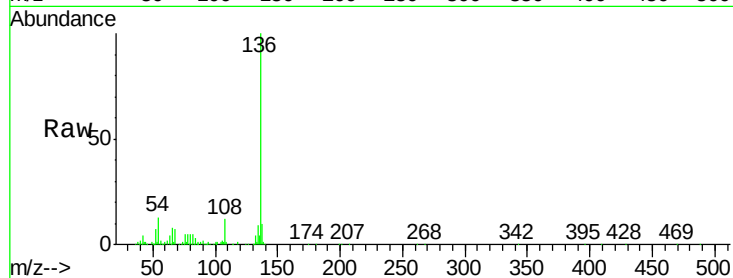




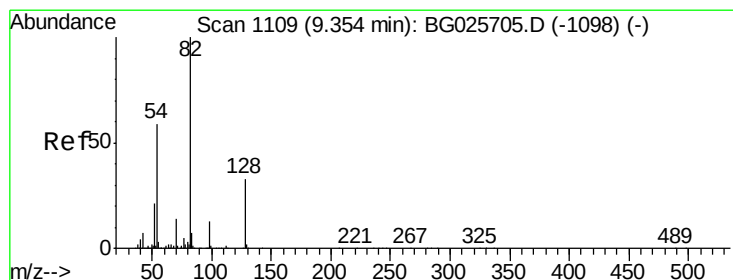
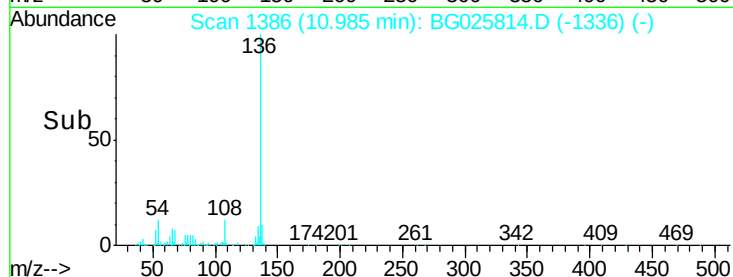
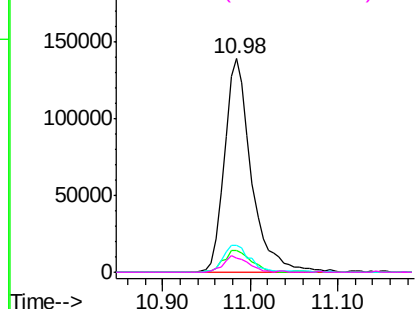
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

Instrument :
BNA_G
ClientSampleId :
B2-10

Tgt Ion:	136	Resp:	292803
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	12.5	9.3	13.9
68	6.9	5.1	7.7

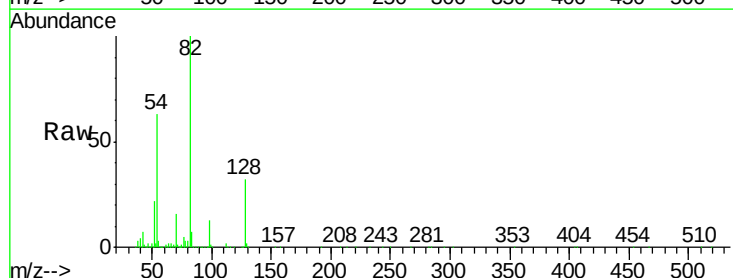


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

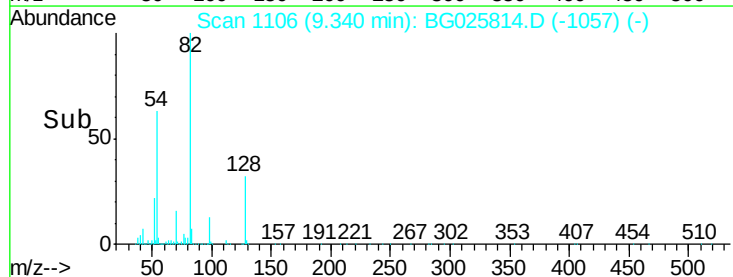
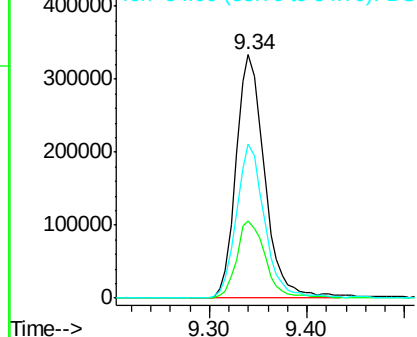


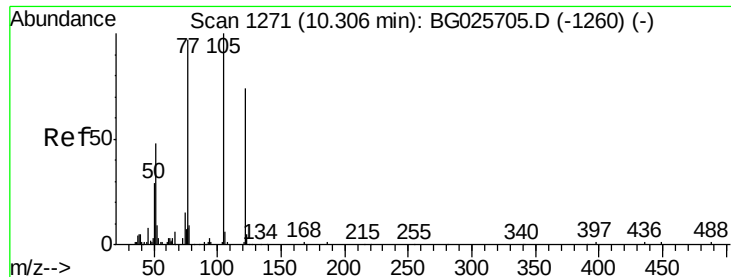
#23
Nitrobenzene-d5
Concen: 97.93 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

Tgt Ion:	82	Resp:	678629
Ion	Ratio	Lower	Upper
82	100		
128	31.5	26.4	39.6
54	63.2	49.4	74.2



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

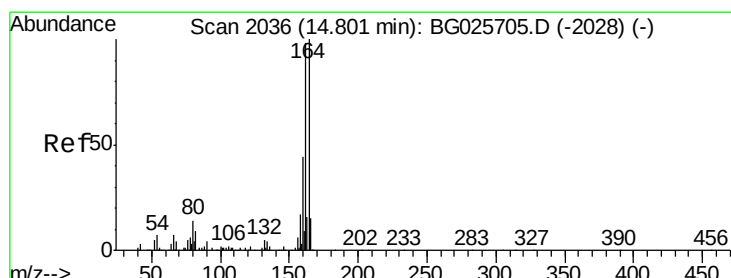
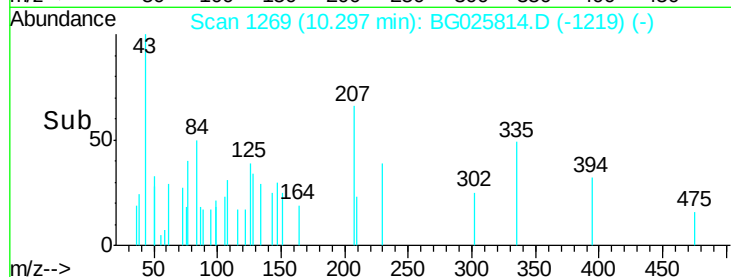
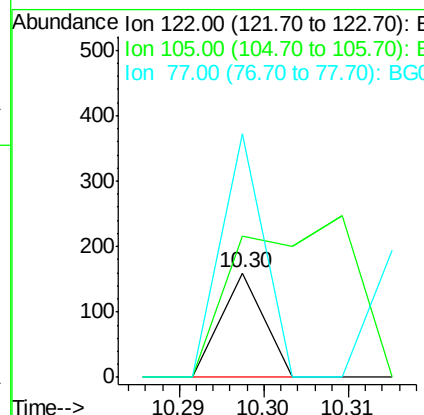
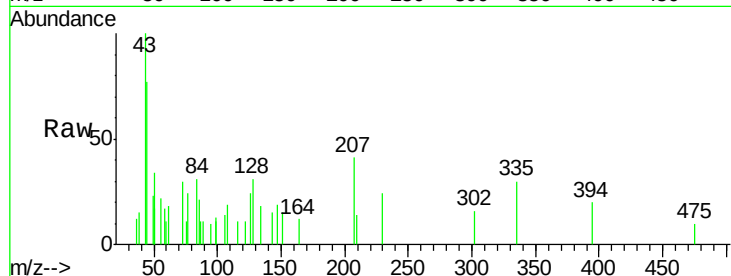




#32
Benzoic acid
Concen: 7.90 ng
RT: 10.30 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

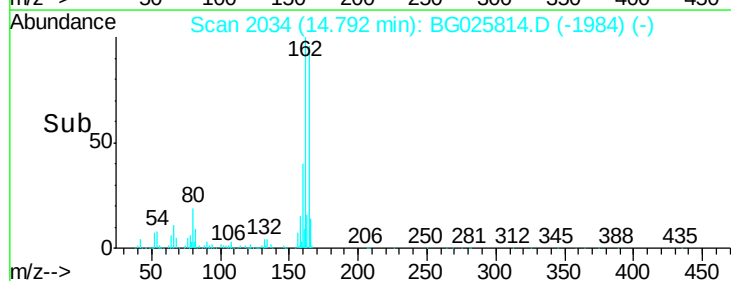
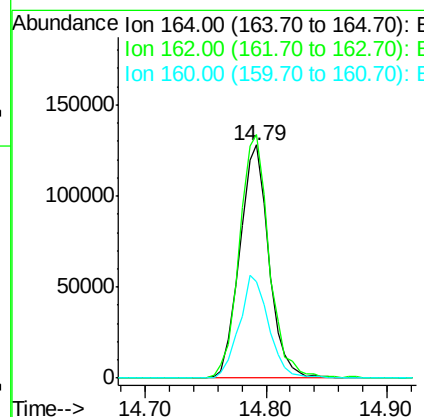
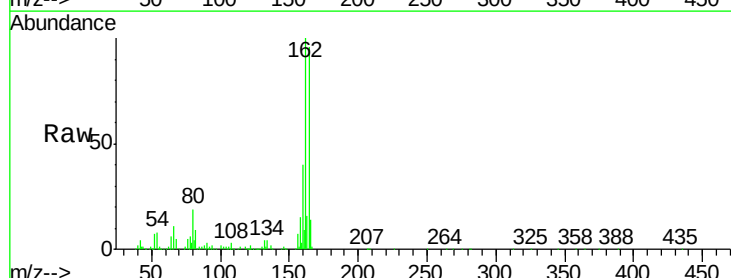
Instrument :
BNA_G
ClientSampleId :
B2-10

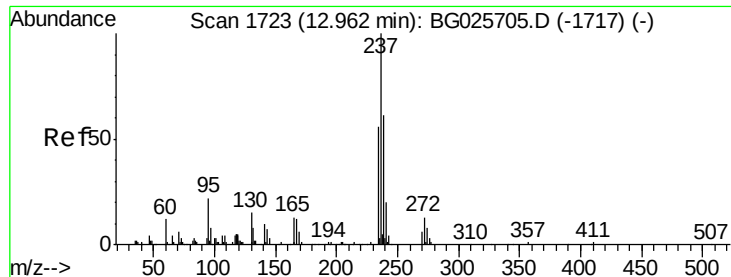
Tgt Ion:122 Resp: 56
Ion Ratio Lower Upper
122 100
105 135.0 120.1 160.1
77 232.5 104.6 144.6#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

Tgt Ion:164 Resp: 215514
Ion Ratio Lower Upper
164 100
162 104.4 85.1 127.7
160 41.6 34.7 52.1

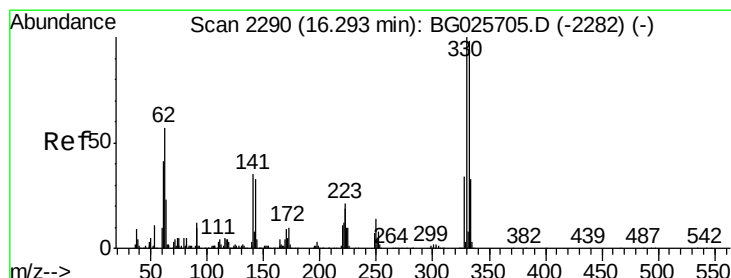
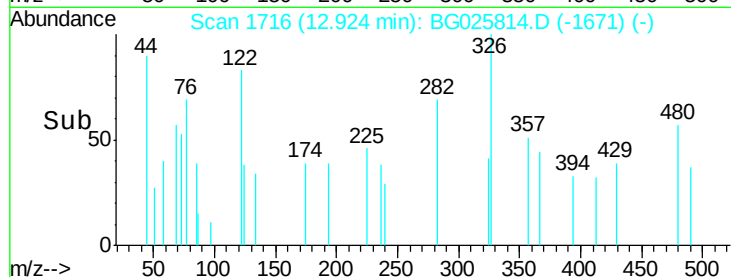
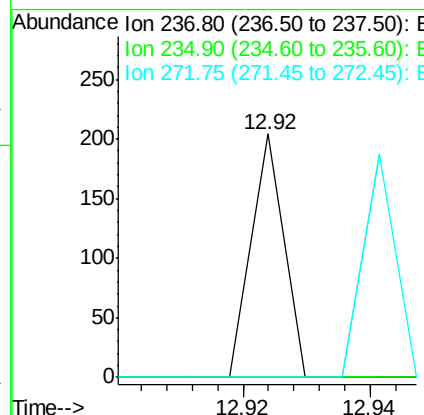
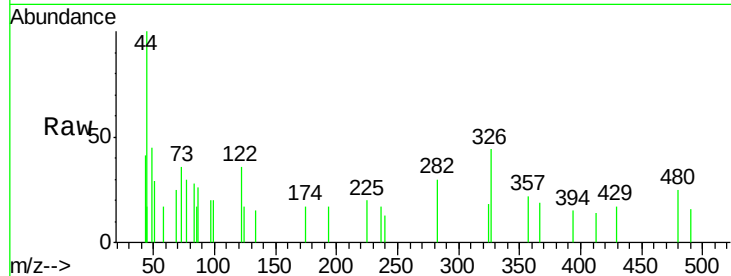




#40
Hexachlorocyclopentadiene
Concen: 10.71 ng
RT: 12.92 min Scan# 1716
Delta R.T. -0.04 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

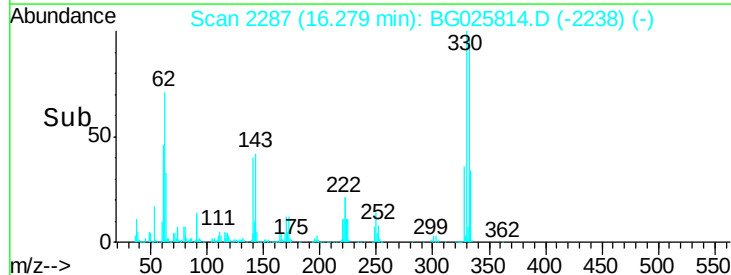
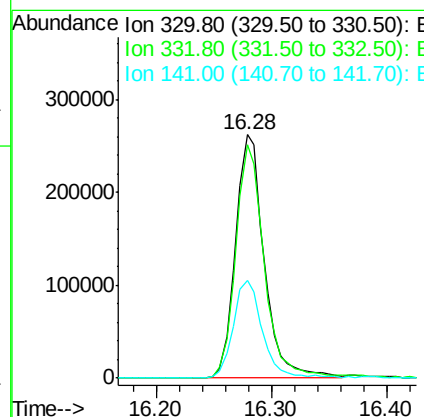
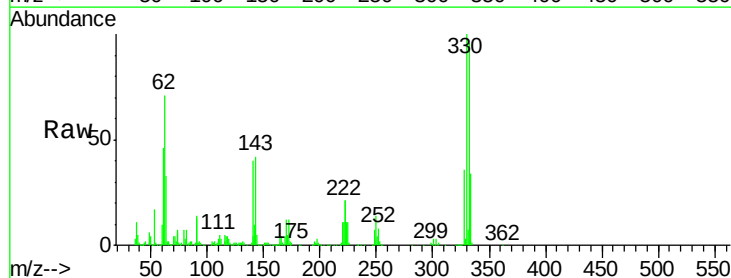
Instrument :
BNA_G
ClientSampleId :
B2-10

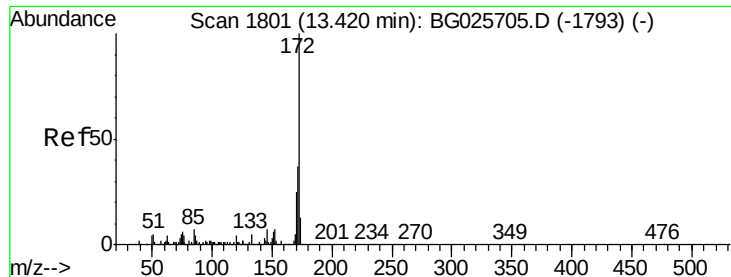
Tgt Ion: 237 Resp: 72
Ion Ratio Lower Upper
237 100
235 0.0 39.4 79.4#
272 0.0 0.0 32.0



#41
2,4,6-Tribromophenol
Concen: 147.05 ng
RT: 16.28 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

Tgt Ion: 330 Resp: 451951
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 41.0 32.1 48.1





#44

2-Fluorobiphenyl

Concen: 97.90 ng

RT: 13.41 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BG025814.D

Acq: 6 Feb 2017 22:42

Instrument :

BNA_G

ClientSampleId :

B2-10

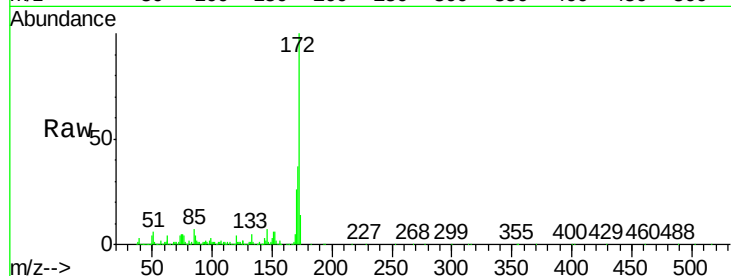
Tgt Ion:172 Resp: 1299085

Ion Ratio Lower Upper

172 100

171 37.0 32.2 48.2

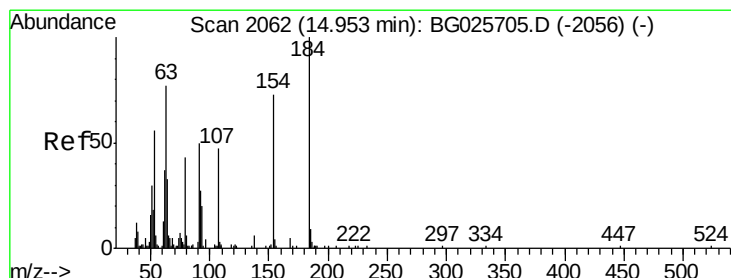
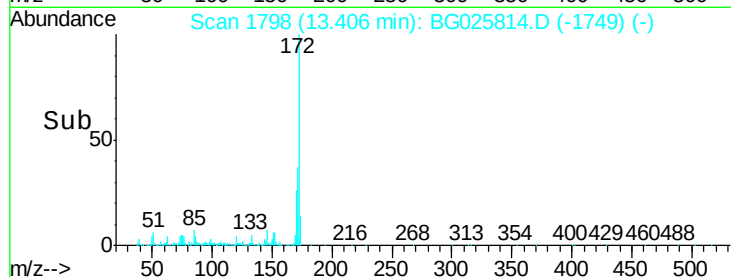
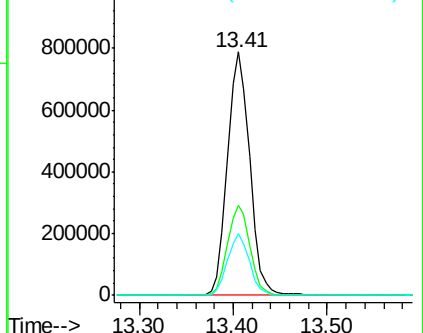
170 25.5 21.8 32.6



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



#53

2,4-Dinitrophenol

Concen: 9.46 ng

RT: 14.95 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BG025814.D

Acq: 6 Feb 2017 22:42

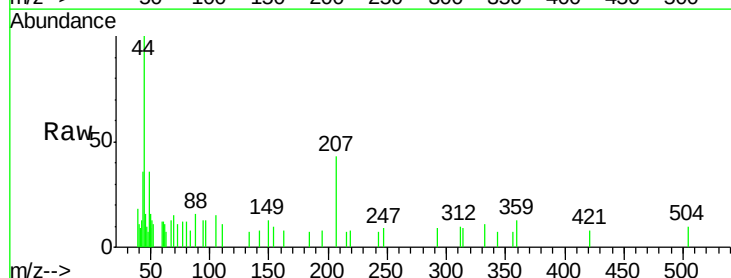
Tgt Ion:184 Resp: 55

Ion Ratio Lower Upper

184 100

63 102.6 52.7 79.1#

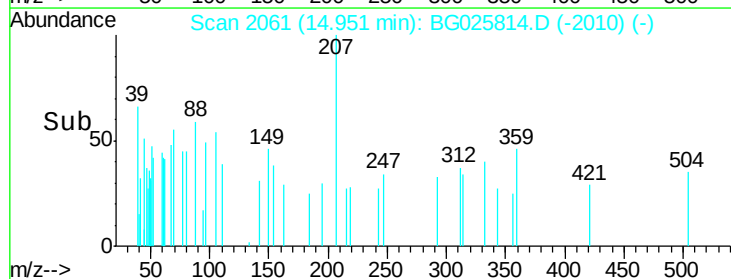
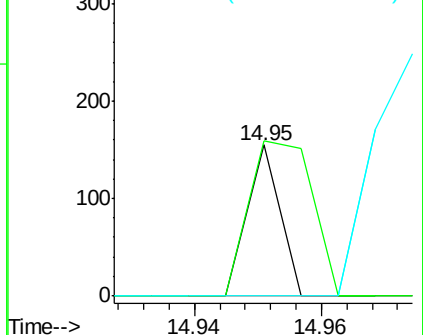
154 0.0 57.3 85.9#

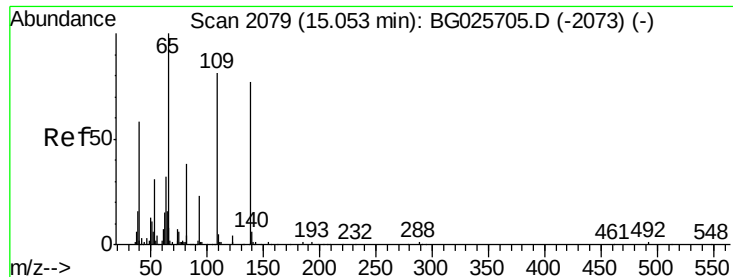


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

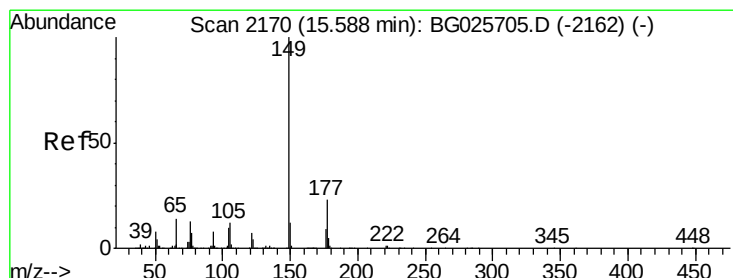
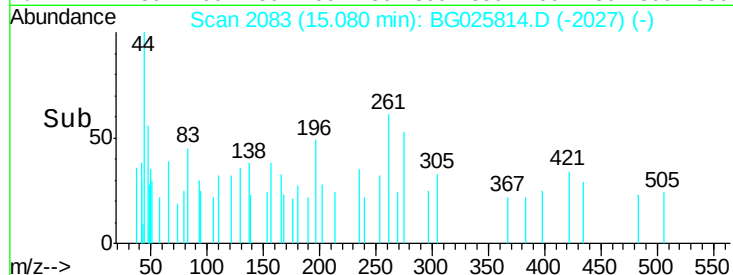
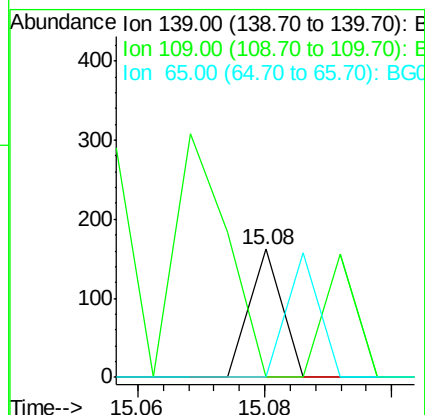
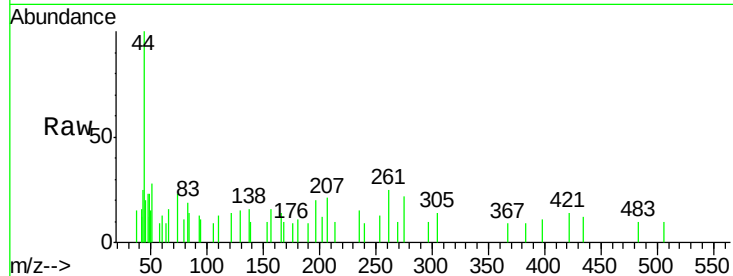




#55
4-Nitrophenol
Concen: 5.60 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.03 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

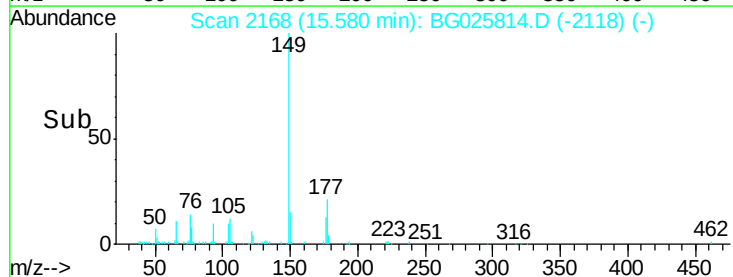
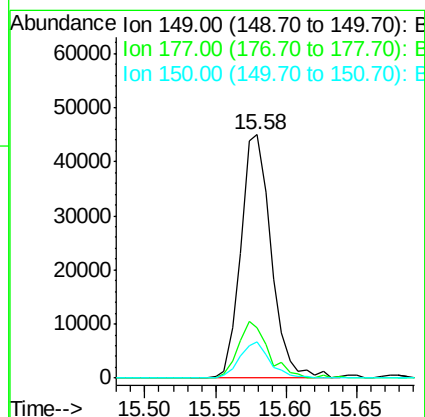
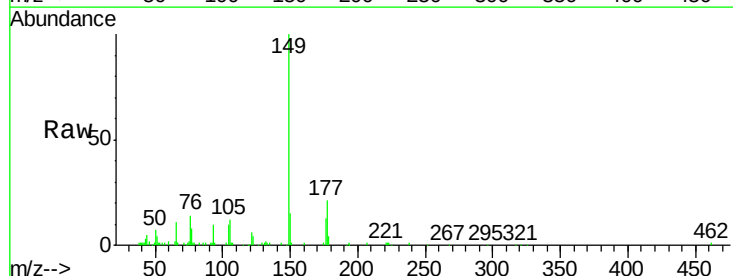
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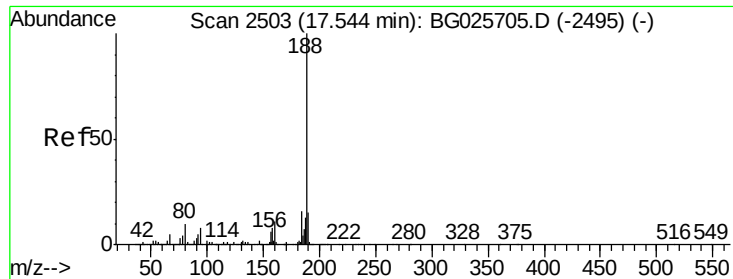
Tgt Ion:139 Resp: 57
Ion Ratio Lower Upper
139 100
109 0.0 101.2 141.2#
65 0.0 135.3 175.3#



#59
Diethylphthalate
Concen: 3.93 ng
RT: 15.58 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

Tgt Ion:149 Resp: 67686
Ion Ratio Lower Upper
149 100
177 20.9 20.1 30.1
150 14.8 10.2 15.2

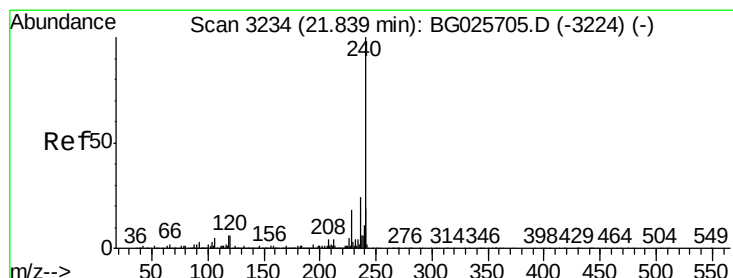
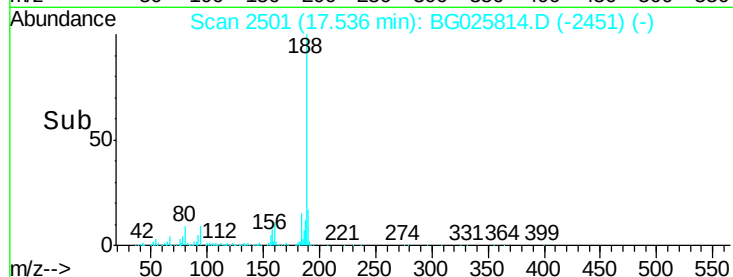
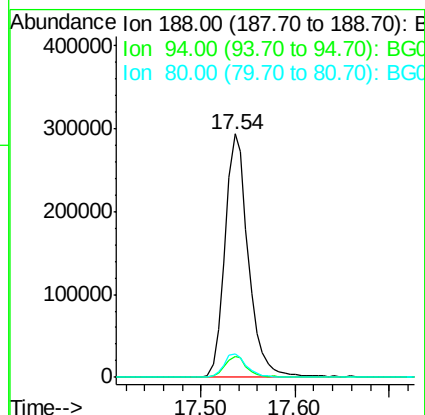
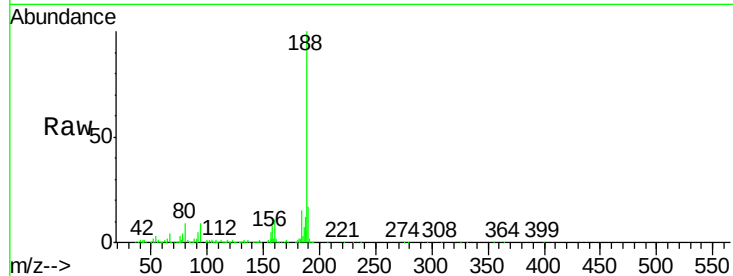




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.54 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

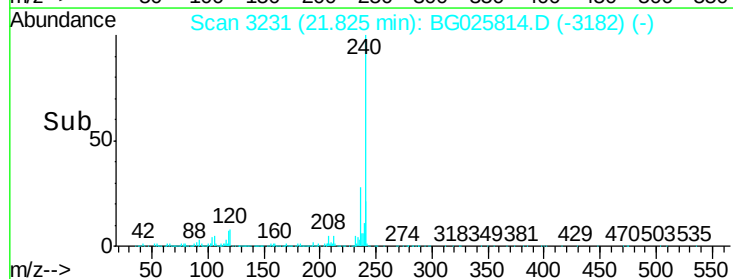
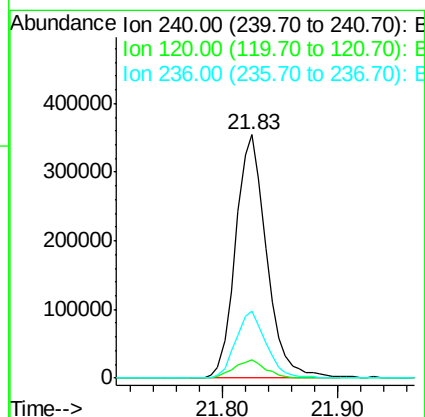
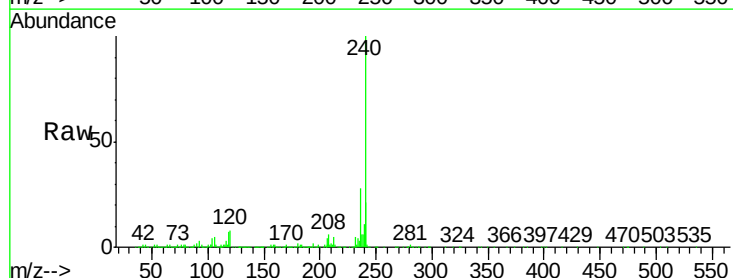
Instrument :
BNA_G
ClientSampleId :
B2-10

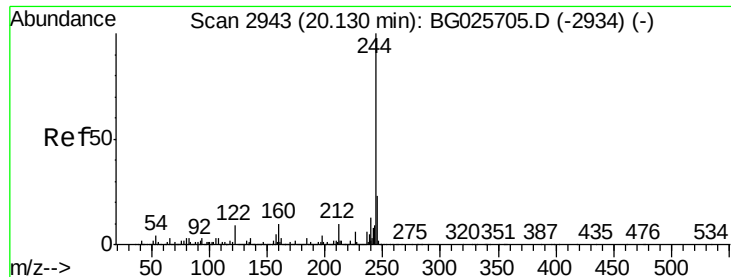
Tgt Ion:188 Resp: 506049
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8#
80 9.4 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG025814.D
Acq: 6 Feb 2017 22:42

Tgt Ion:240 Resp: 658068
Ion Ratio Lower Upper
240 100
120 7.8 5.7 8.5
236 27.7 22.2 33.4





#78

Terphenyl-d14

Concen: 93.14 ng

RT: 20.12 min Scan# 2940

Delta R.T. -0.01 min

Lab File: BG025814.D

Acq: 6 Feb 2017 22:42

Instrument :

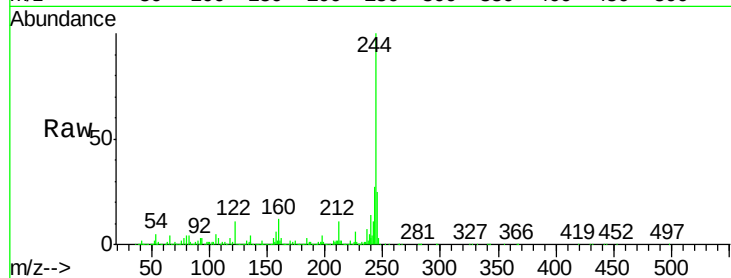
BNA_G

ClientSampleId :

B2-10

Tgt Ion:244 Resp: 2539492

Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.0	15.0
122	11.4	8.6	12.8

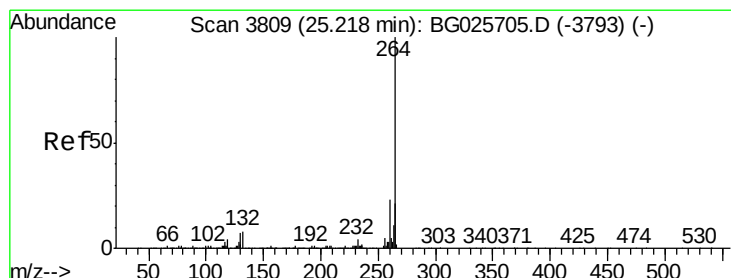
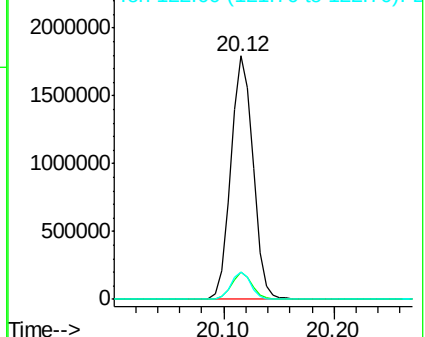
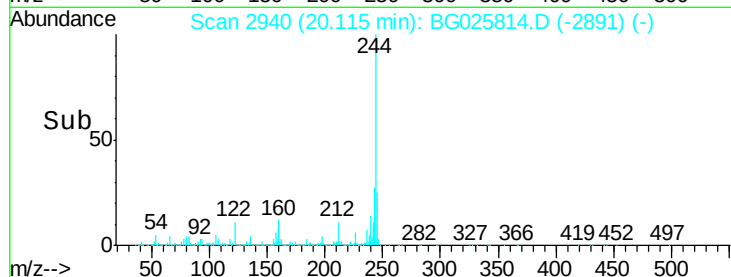


Abundance

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: 25.20 min Scan# 3805

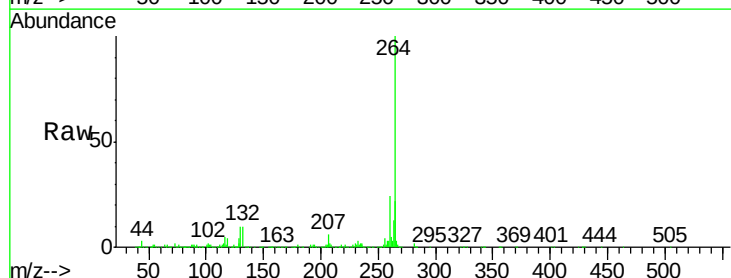
Delta R.T. -0.02 min

Lab File: BG025814.D

Acq: 6 Feb 2017 22:42

Tgt Ion:264 Resp: 610000

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	22.3	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

