

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020417\
 Data File : BG025799.D
 Acq On : 3 Feb 2017 17:57
 Operator : SJ/MA
 Sample : PB96126BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96126BL

Quant Time: Feb 03 22:05:25 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

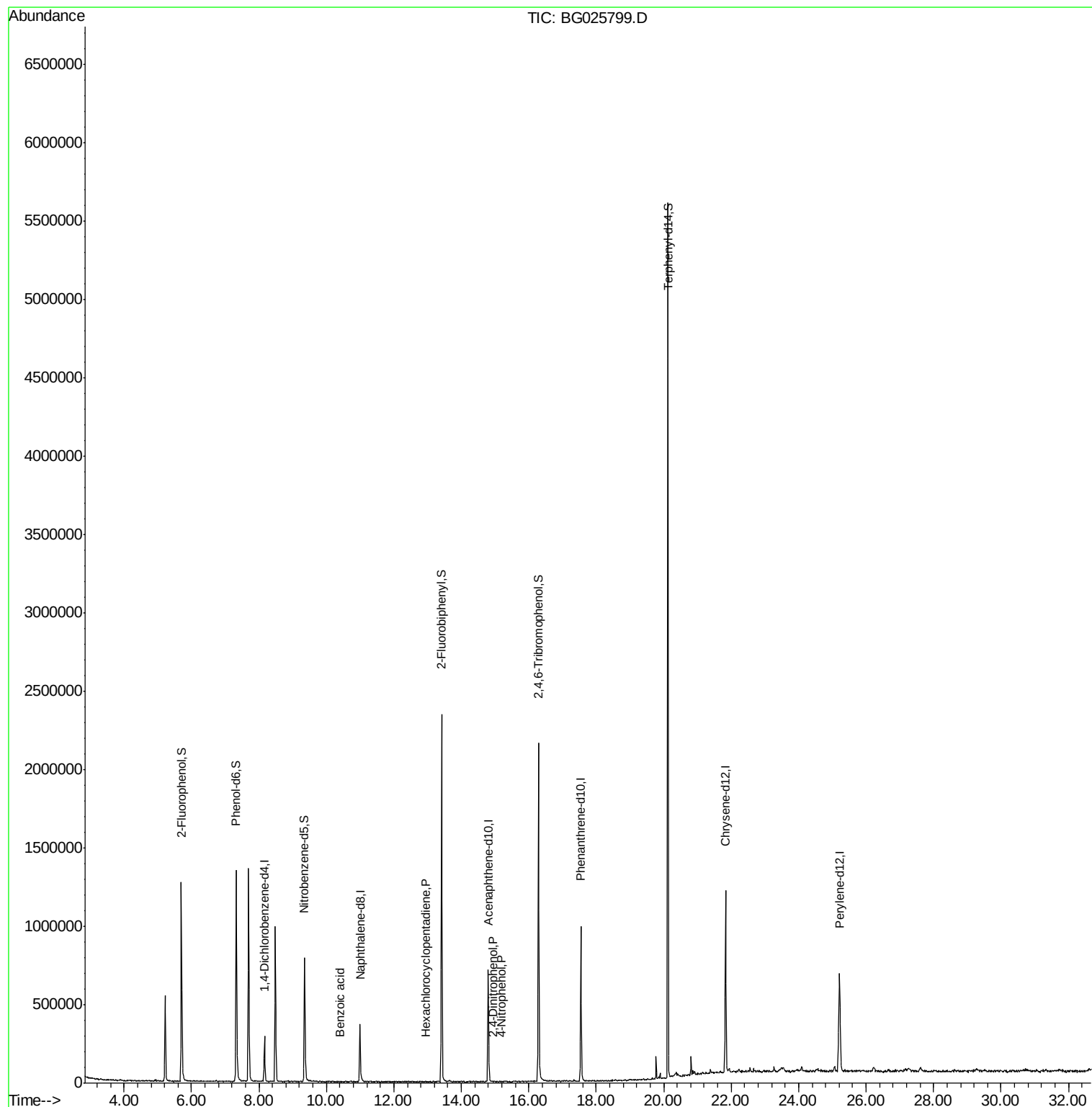
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	72923	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	331286	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	263583	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	626511	20.00	ng	0.00
75) Chrysene-d12	21.83	240	770736	20.00	ng	0.00
86) Perylene-d12	25.21	264	762610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	539627	132.62	ng	0.00
7) Phenol-d6	7.33	99	790013	132.94	ng	0.00
23) Nitrobenzene-d5	9.35	82	551852	70.38	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	419162	111.51	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1212216	74.69	ng	0.00
78) Terphenyl-d14	20.12	244	2215017	69.37	ng	0.00
Target Compounds						
32) Benzoic acid	10.39	122	111	7.92	ng	# 12
40) Hexachlorocyclopentadiene	12.94	237	96	10.71	ng	# 29
53) 2,4-Dinitrophenol	14.95	184	73	9.47	ng	# 15
55) 4-Nitrophenol	15.18	139	195	5.64	ng	# 12

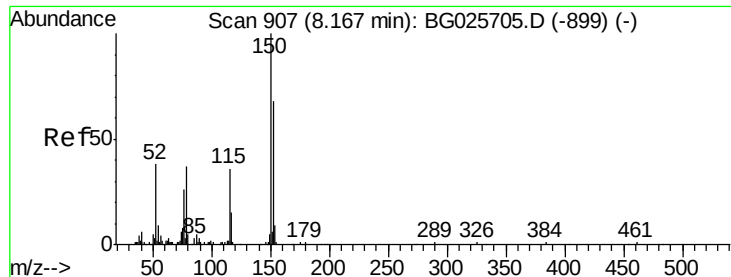
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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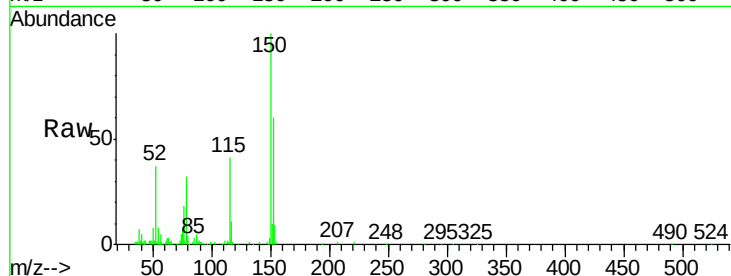


#1

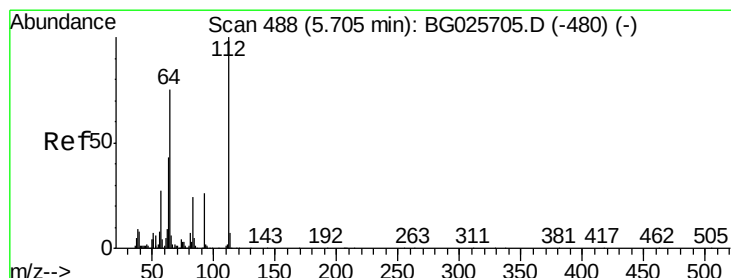
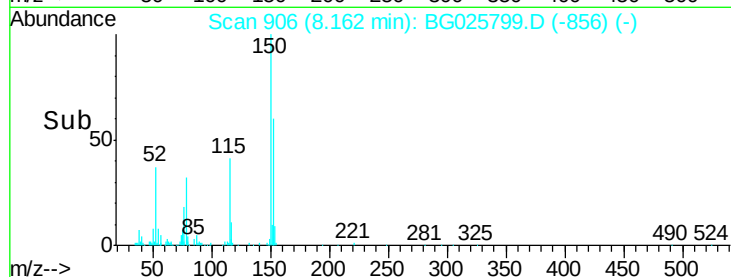
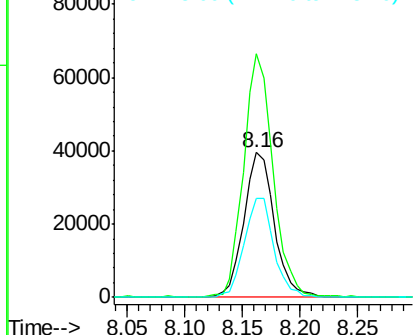
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG025799.D
Acq: 3 Feb 2017 17:57

Instrument :
BNA_G
ClientSampleId :
PB96126BL

Tgt Ion:152 Resp: 72923
Ion Ratio Lower Upper
152 100
150 168.0 114.0 171.0
115 68.4 48.1 72.1



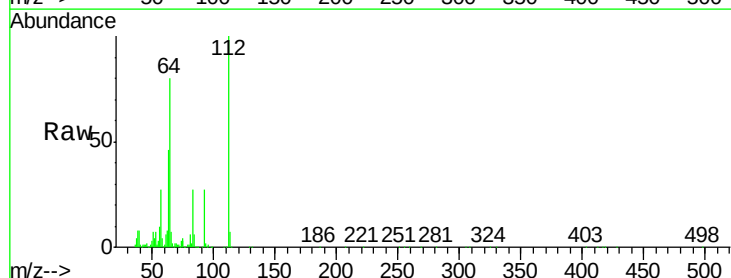
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



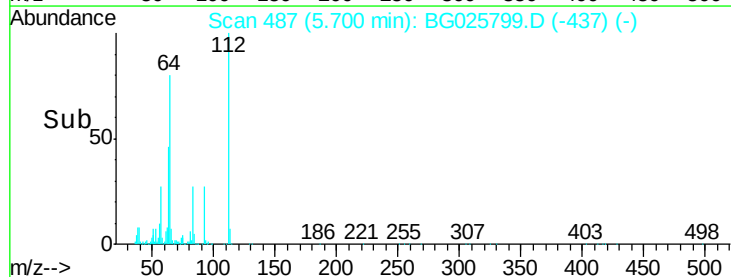
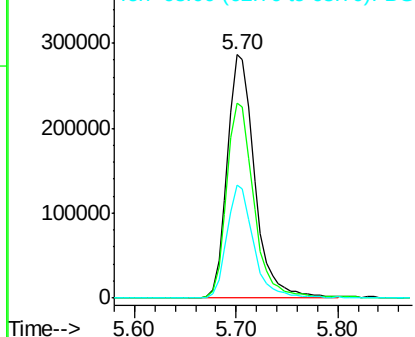
#5

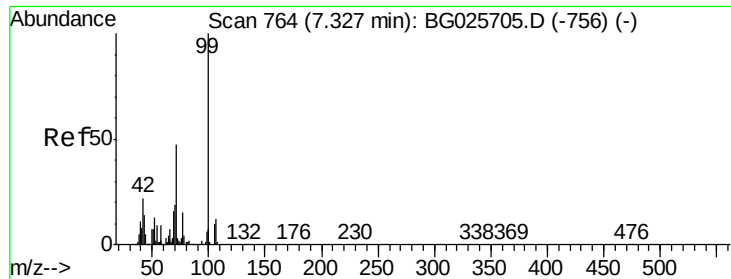
2-Fluorophenol
Concen: 132.62 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG025799.D
Acq: 3 Feb 2017 17:57

Tgt Ion:112 Resp: 539627
Ion Ratio Lower Upper
112 100
64 80.0 61.8 92.6
63 46.4 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: 132.94 ng

RT: 7.33 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG025799.D

Acq: 3 Feb 2017 17:57

Instrument :

BNA_G

ClientSampleId :

PB96126BL

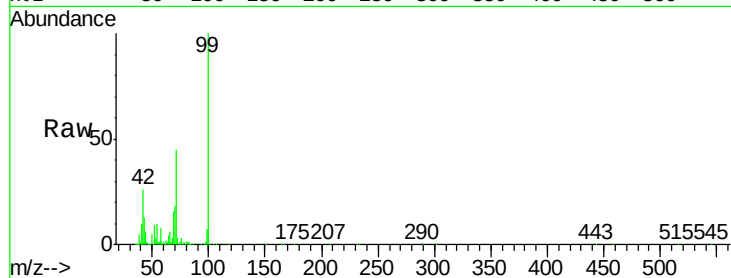
Tgt Ion: 99 Resp: 790013

Ion Ratio Lower Upper

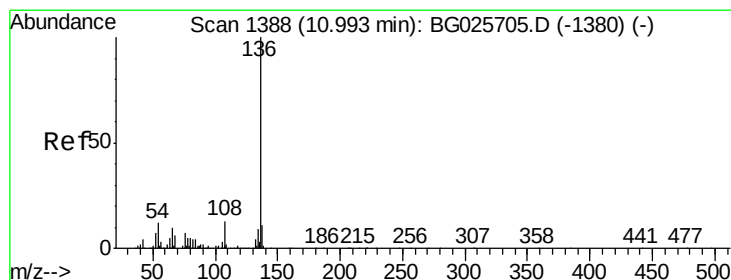
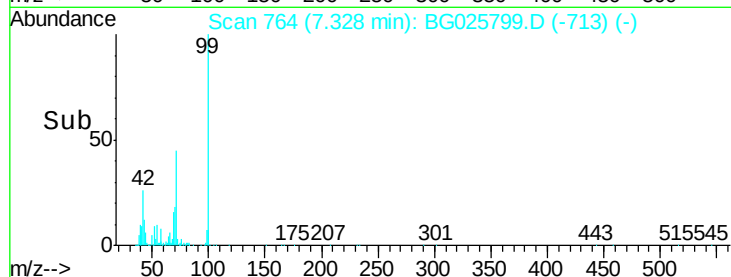
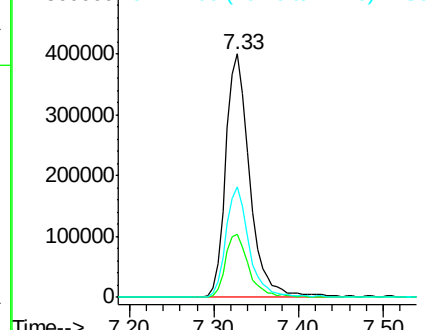
99 100

42 26.1 20.5 30.7

71 45.4 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: 10.99 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BG025799.D

Acq: 3 Feb 2017 17:57

Tgt Ion: 136 Resp: 331286

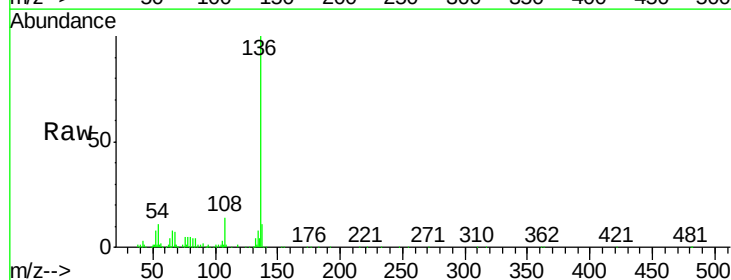
Ion Ratio Lower Upper

136 100

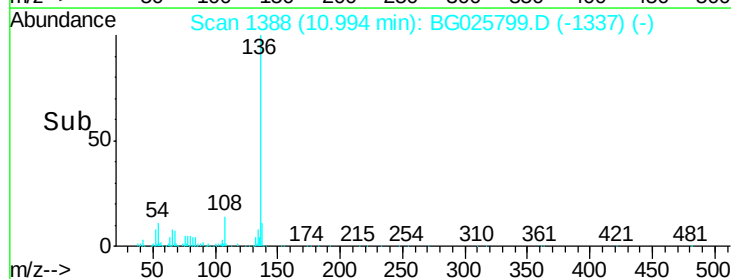
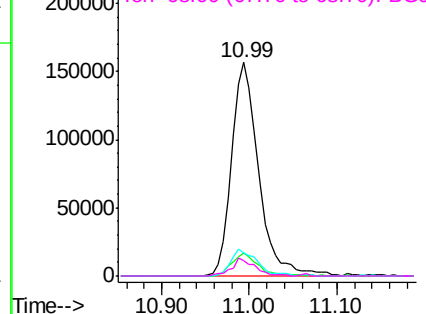
137 10.7 8.9 13.3

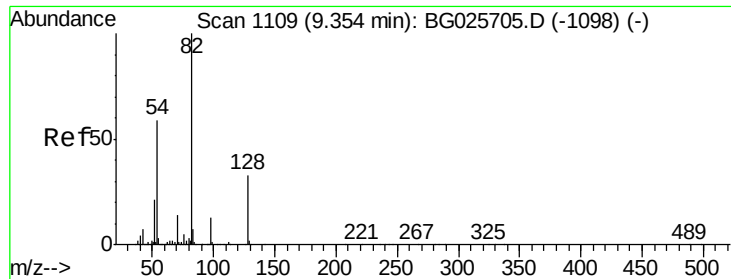
54 11.1 9.3 13.9

68 7.3 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

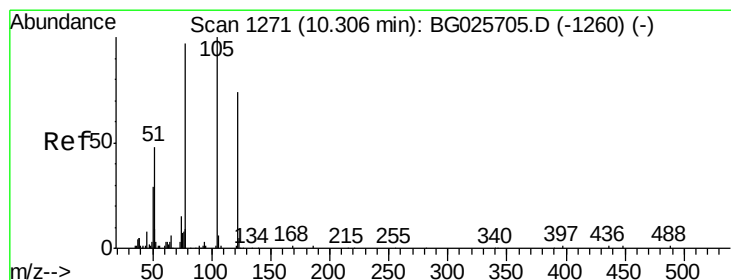
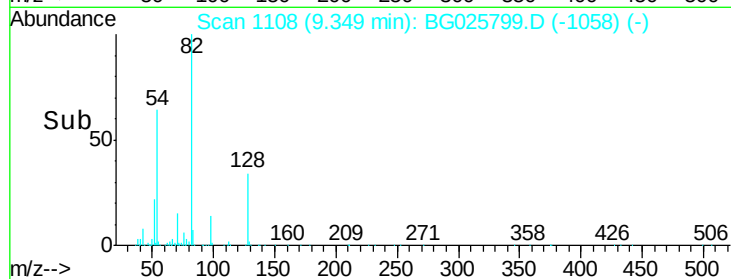
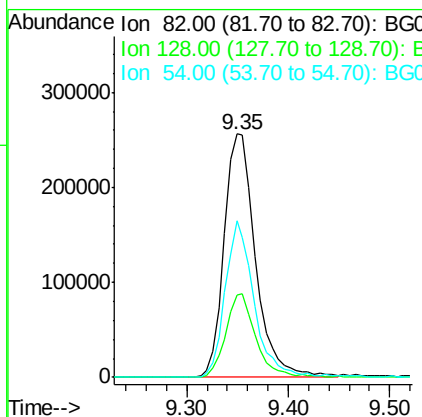
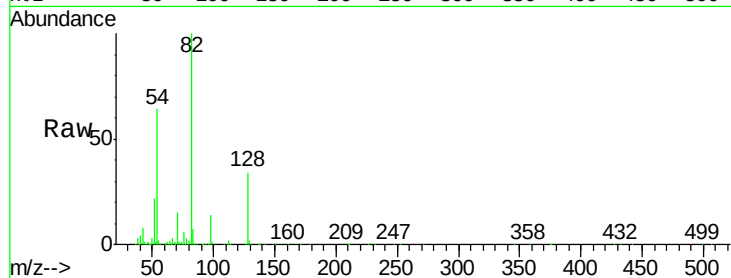




#23
 Nitrobenzene-d5
 Concen: 70.38 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025799.D
 Acq: 3 Feb 2017 17:57

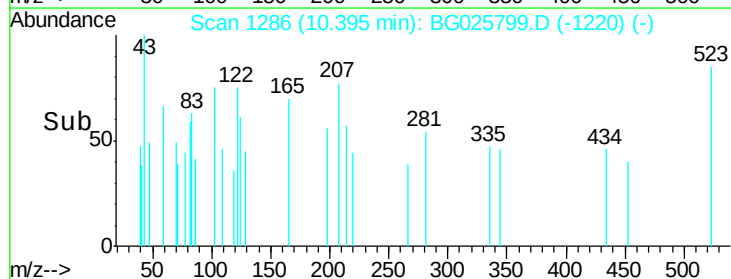
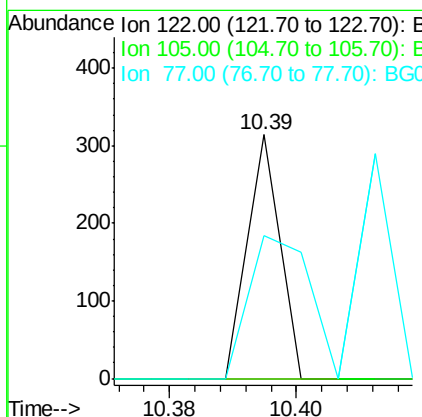
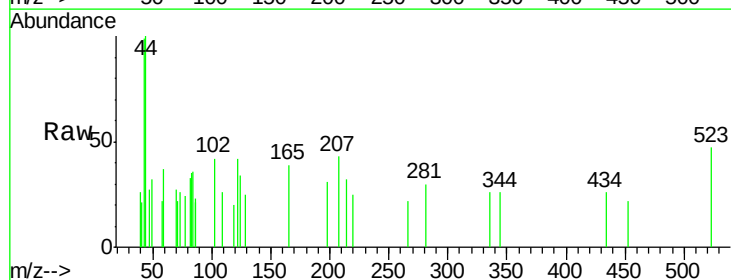
Instrument :
 BNA_G
 ClientSampleId :
 PB96126BL

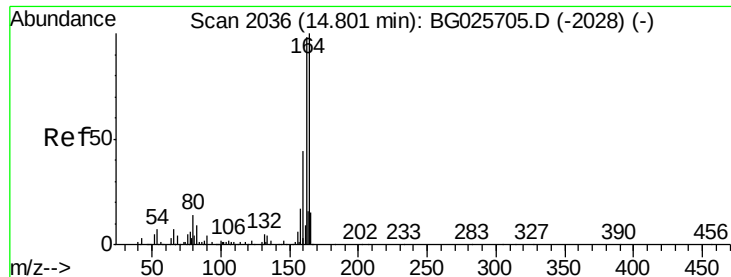
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.4	39.6
54	64.2	49.4	74.2



#32
 Benzoic acid
 Concen: 7.92 ng
 RT: 10.39 min Scan# 1286
 Delta R.T. 0.09 min
 Lab File: BG025799.D
 Acq: 3 Feb 2017 17:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	58.9	104.6	144.6#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG025799.D

Acq: 3 Feb 2017 17:57

Instrument :

BNA_G

ClientSampleId :

PB96126BL

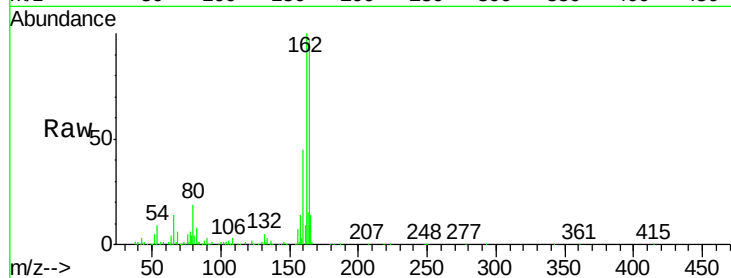
Tgt Ion:164 Resp: 263583

Ion Ratio Lower Upper

164 100

162 102.6 85.1 127.7

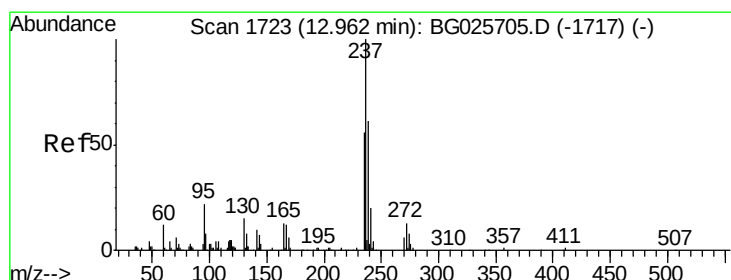
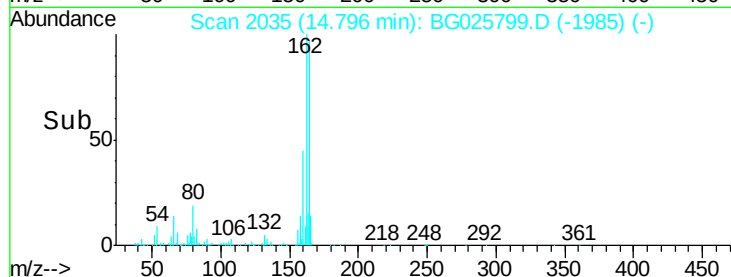
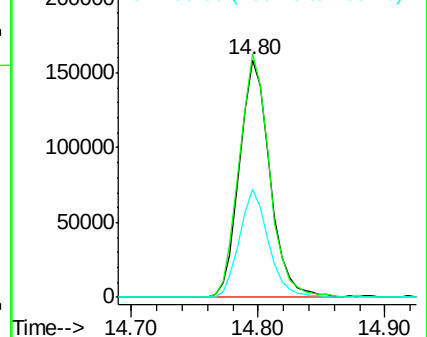
160 45.8 34.7 52.1



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: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG025799.D

Acq: 3 Feb 2017 17:57

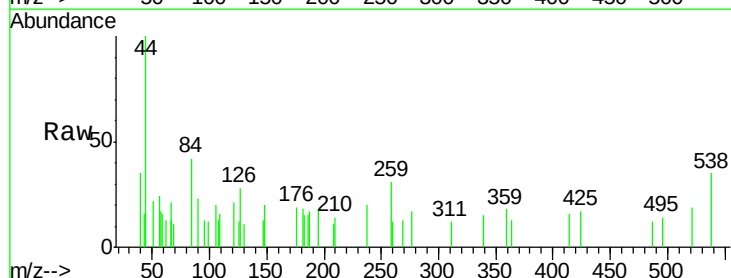
Tgt Ion:237 Resp: 96

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

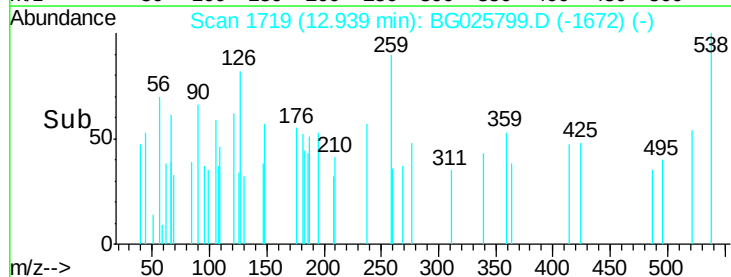
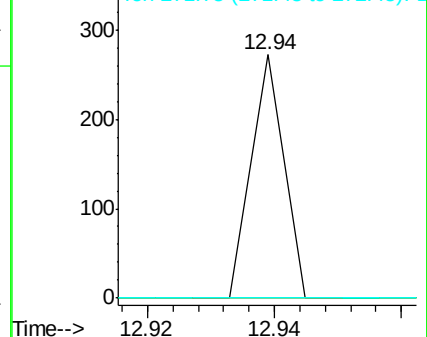
272 0.0 0.0 32.0

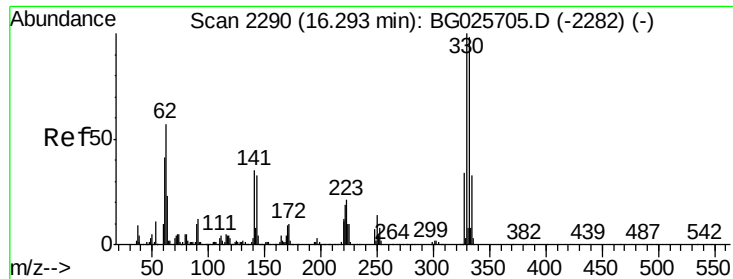


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

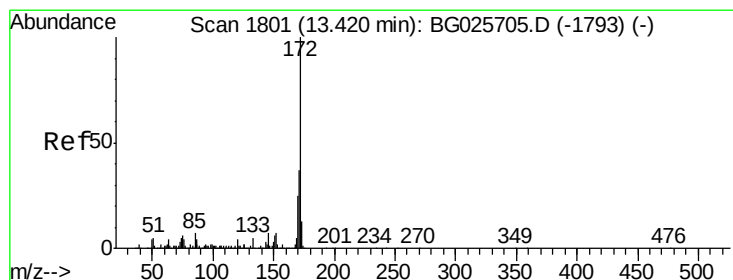
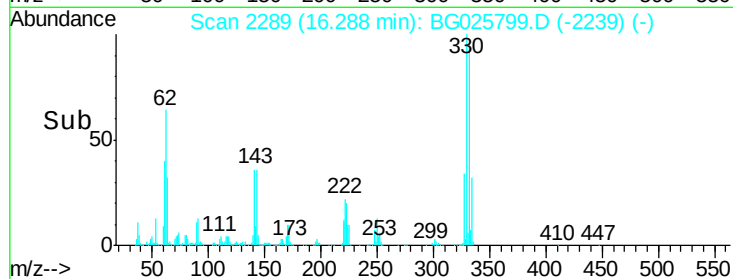
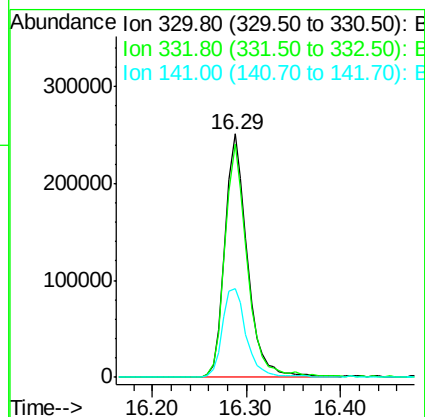
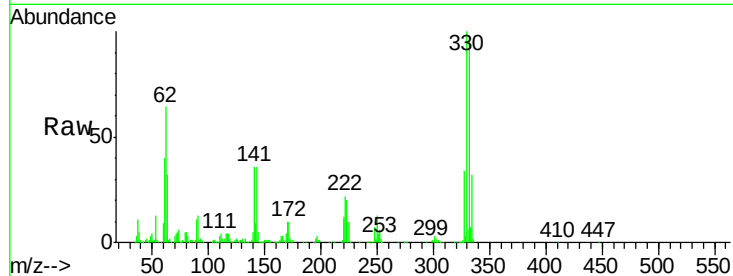




#41
 2,4,6-Tribromophenol
 Concen: 111.51 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025799.D
 Acq: 3 Feb 2017 17:57

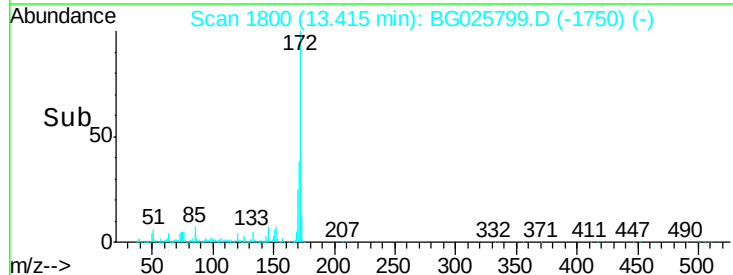
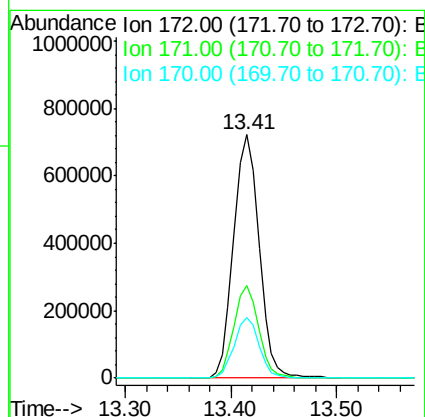
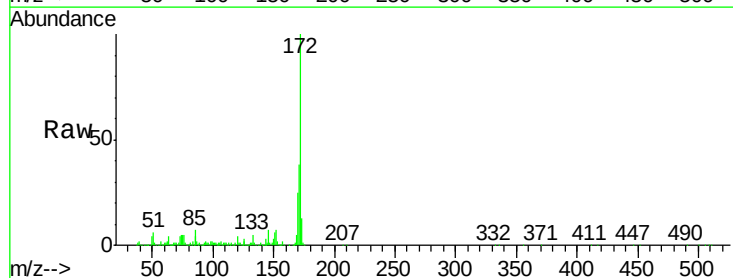
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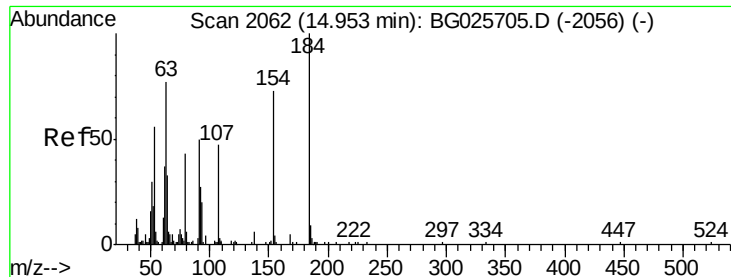
Tgt Ion:330 Resp: 419162
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 38.3 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 74.69 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025799.D
 Acq: 3 Feb 2017 17:57

Tgt Ion:172 Resp: 1212216
 Ion Ratio Lower Upper
 172 100
 171 38.0 32.2 48.2
 170 25.0 21.8 32.6

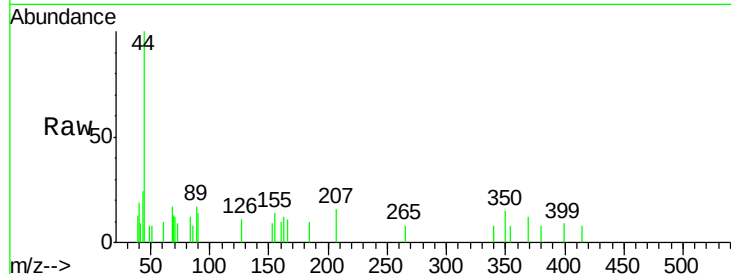




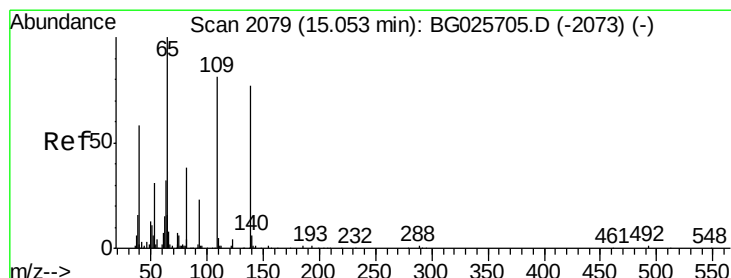
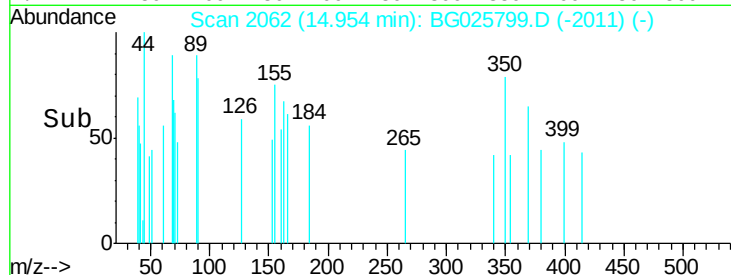
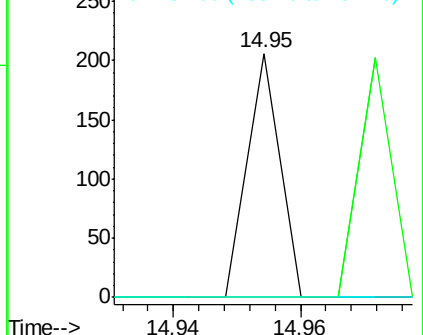
#53
2,4-Dinitrophenol
Concen: 9.47 ng
RT: 14.95 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG025799.D
Acq: 3 Feb 2017 17:57

Instrument :
BNA_G
ClientSampleId :
PB96126BL

Tgt Ion:184 Resp: 73
Ion Ratio Lower Upper
184 100
63 0.0 52.7 79.1#
154 0.0 57.3 85.9#

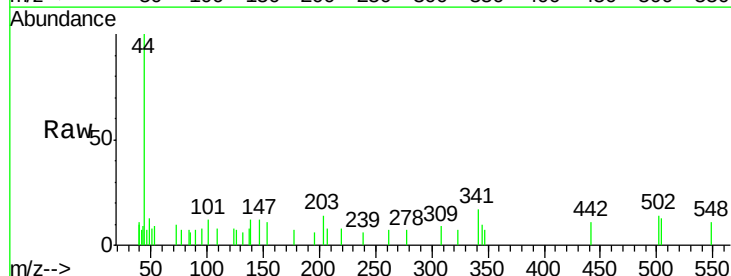


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

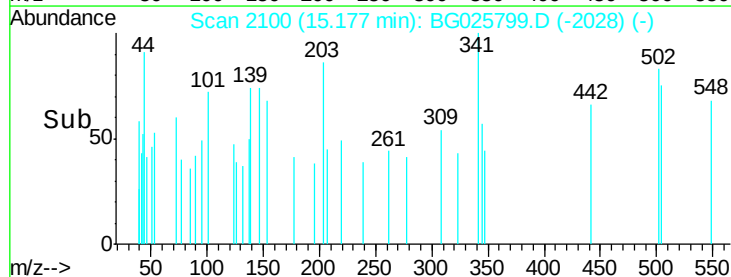
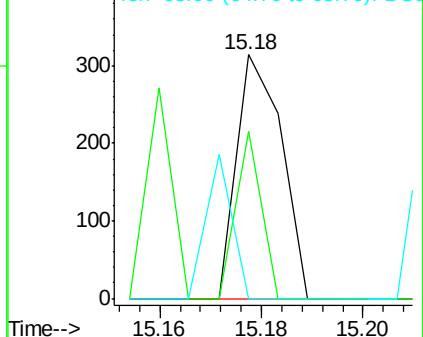


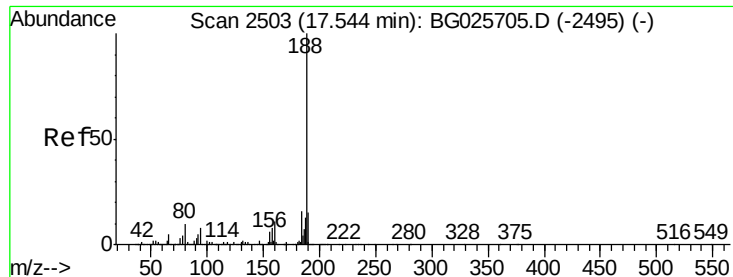
#55
4-Nitrophenol
Concen: 5.64 ng
RT: 15.18 min Scan# 2100
Delta R.T. 0.12 min
Lab File: BG025799.D
Acq: 3 Feb 2017 17:57

Tgt Ion:139 Resp: 195
Ion Ratio Lower Upper
139 100
109 68.8 101.2 141.2#
65 0.0 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

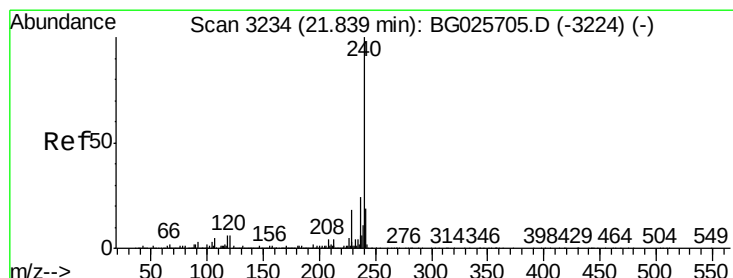
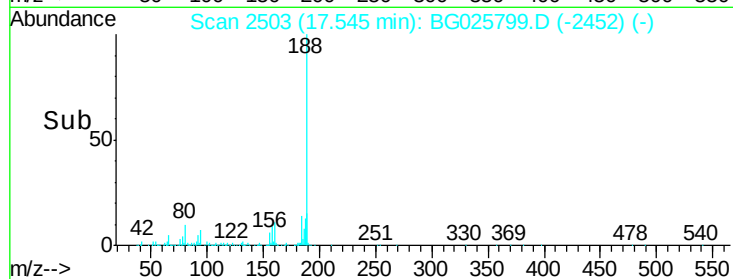
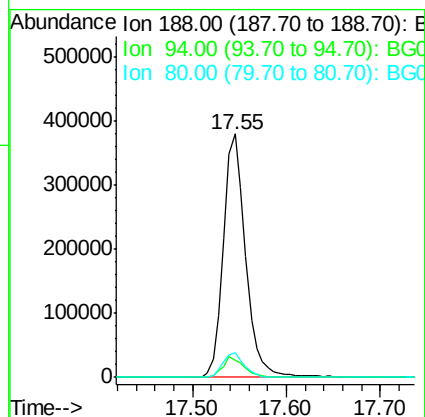
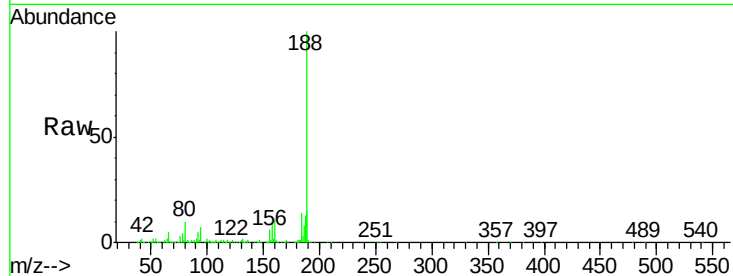




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. 0.00 min
Lab File: BG025799.D
Acq: 3 Feb 2017 17:57

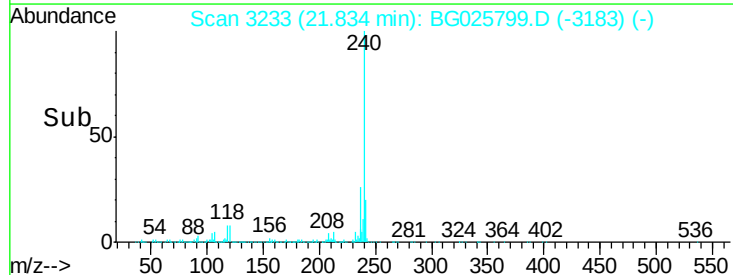
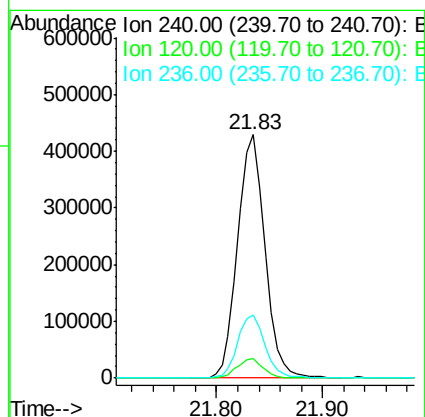
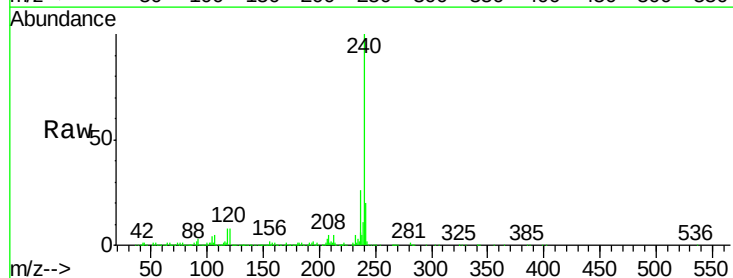
Instrument :
BNA_G
ClientSampleId :
PB96126BL

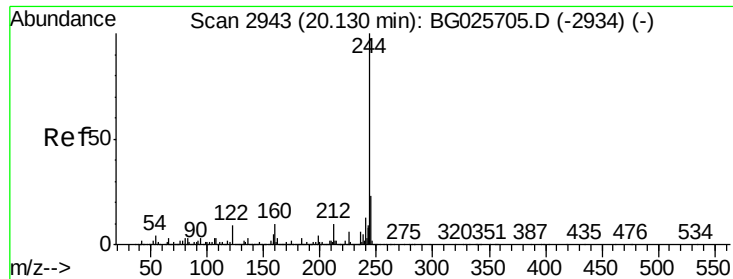
Tgt Ion:188 Resp: 626511
Ion Ratio Lower Upper
188 100
94 6.8 5.8 8.8
80 10.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BG025799.D
Acq: 3 Feb 2017 17:57

Tgt Ion:240 Resp: 770736
Ion Ratio Lower Upper
240 100
120 8.2 5.7 8.5
236 26.0 22.2 33.4





#78

Terphenyl-d14

Concen: 69.37 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025799.D

Acq: 3 Feb 2017 17:57

Instrument :

BNA_G

ClientSampleId :

PB96126BL

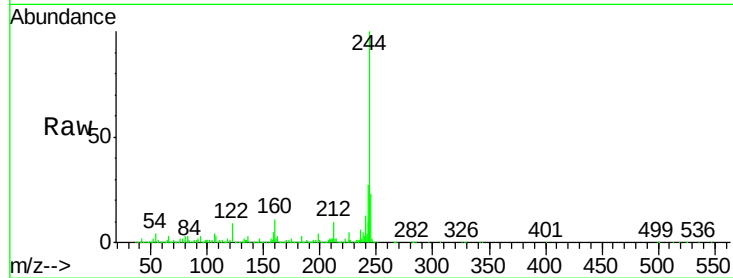
Tgt Ion:244 Resp: 2215017

Ion Ratio Lower Upper

244 100

212 10.3 10.0 15.0

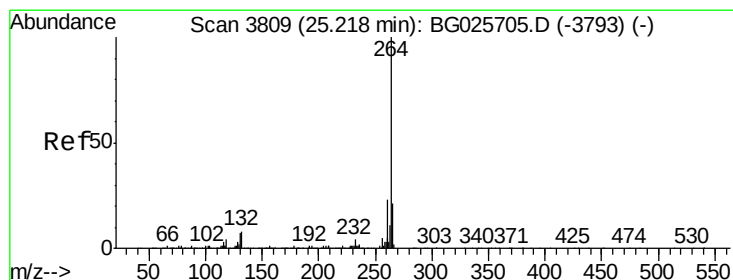
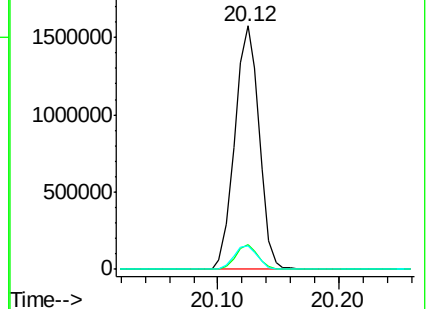
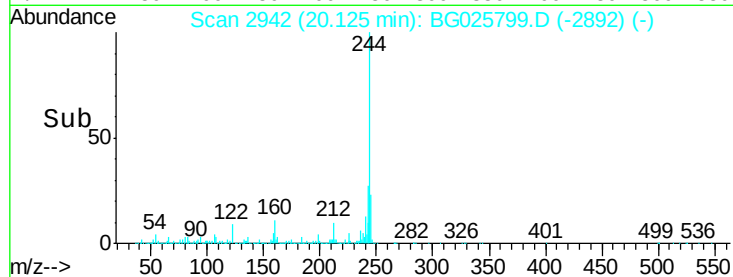
122 9.5 8.6 12.8



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: 25.21 min Scan# 3808

Delta R.T. -0.01 min

Lab File: BG025799.D

Acq: 3 Feb 2017 17:57

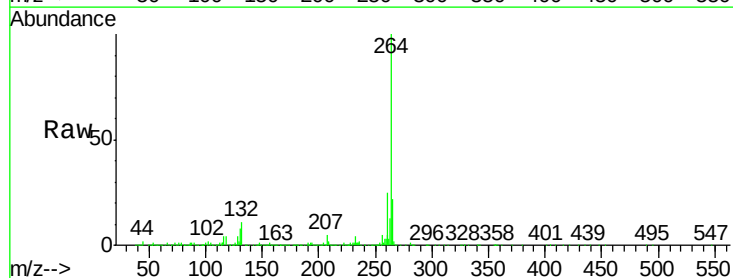
Tgt Ion:264 Resp: 762610

Ion Ratio Lower Upper

264 100

260 24.7 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

