

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
 Data File : BG025452.D
 Acq On : 10 Jan 2017 11:13
 Operator : UM/SJ
 Sample : I1064-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 10 13:06:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	57540	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	229437	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	75561	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	356770	20.00	ng	0.00
75) Chrysene-d12	21.87	240	159378	20.00	ng	0.00
86) Perylene-d12	25.28	264	1370	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.74	112	453019	143.11	ng	0.00
7) Phenol-d6	7.36	99	328296	73.64	ng	0.00
23) Nitrobenzene-d5	9.38	82	530674	102.18	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	418851	344.31	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1104916	236.74	ng	0.00
78) Terphenyl-d14	20.15	244	1795124	298.64	ng	0.00

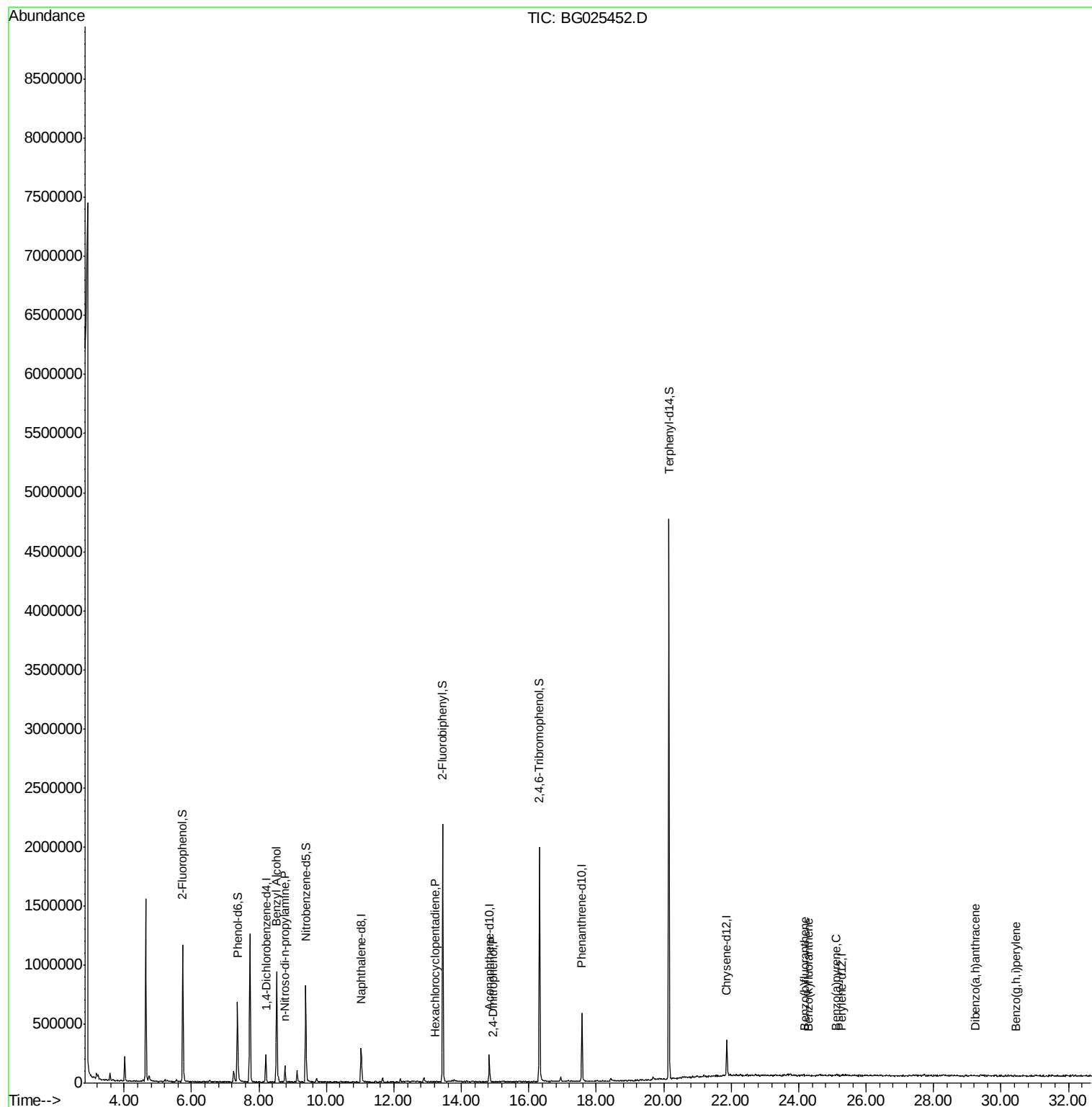
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.53	79	8733	2.05	ng	# 35
19) n-Nitroso-di-n-propylamine	8.77	70	17266	4.59	ng	# 69
40) Hexachlorocyclopentadiene	13.20	237	151	8.66	ng	# 29
53) 2,4-Dinitrophenol	14.94	184	71	5.16	ng	# 22
87) Benzo(b)fluoranthene	24.18	252	170	2.27	ng	# 58
88) Benzo(k)fluoranthene	24.27	252	307	4.25	ng	# 14
89) Benzo(a)pyrene	25.11	252	406	5.62	ng	# 58
90) Dibenzo(a,h)anthracene	29.25	278	159	2.08	ng	# 58
91) Benzo(g,h,i)perylene	30.45	276	171	2.25	ng	# 59

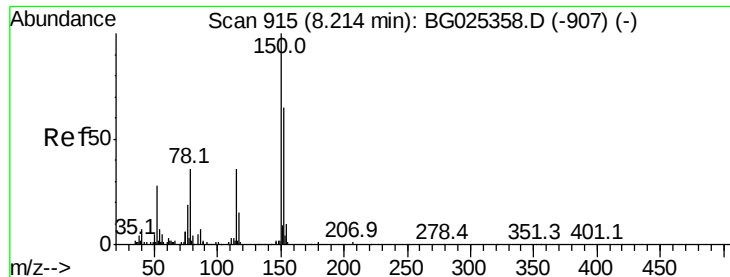
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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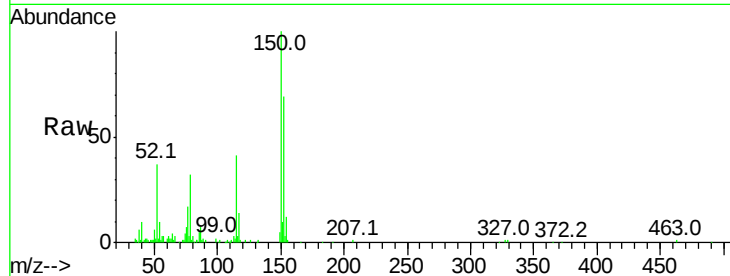


#1

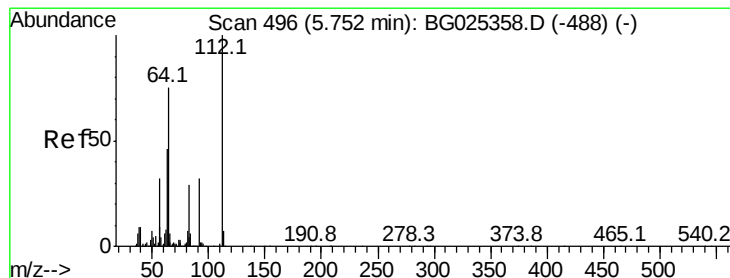
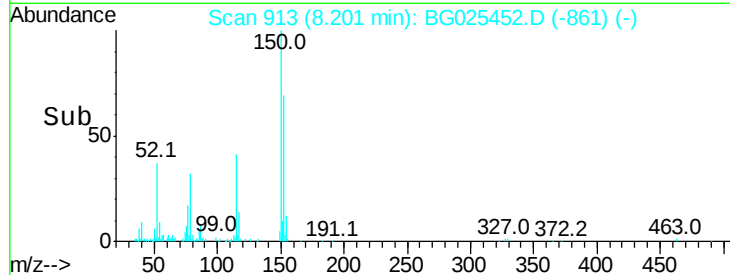
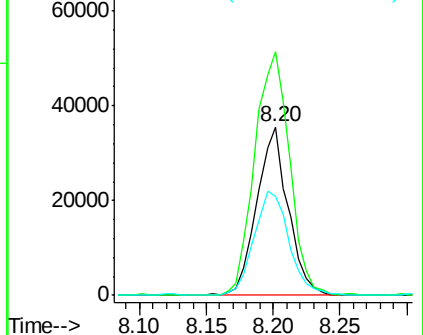
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. 0.00 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57540
Ion Ratio Lower Upper
152 100
150 144.4 114.0 171.0
115 58.8 48.1 72.1



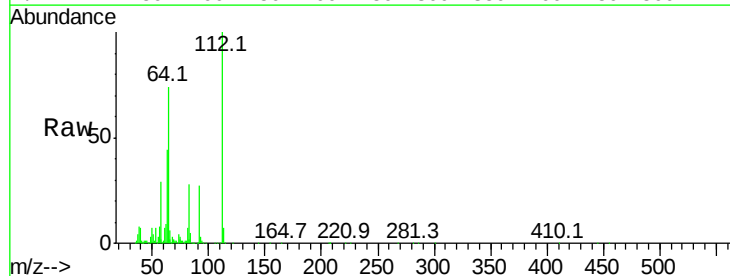
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



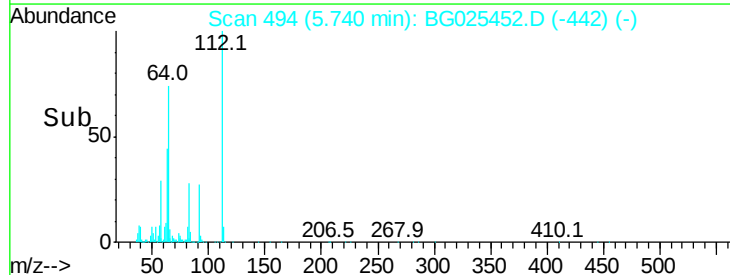
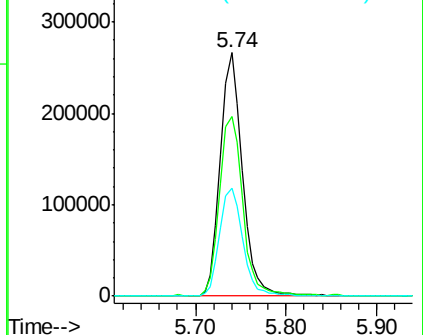
#5

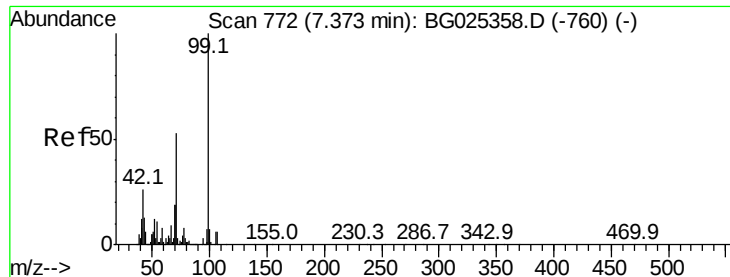
2-Fluorophenol
Concen: 143.11 ng
RT: 5.74 min Scan# 494
Delta R.T. 0.00 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

Tgt Ion:112 Resp: 453019
Ion Ratio Lower Upper
112 100
64 73.9 61.8 92.6
63 44.4 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: 73.64 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.00 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

Instrument :

BNA_G

ClientSampleId :

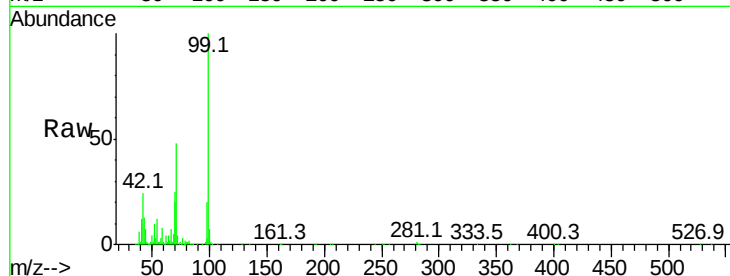
Tot Ion: 99 Resp: 328296

Ion Ratio Lower Upper

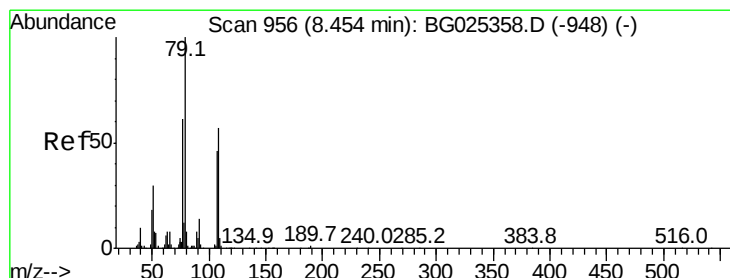
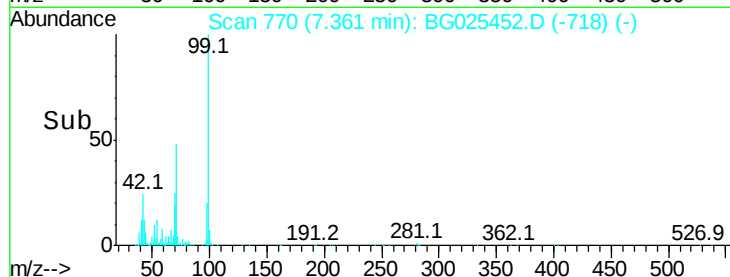
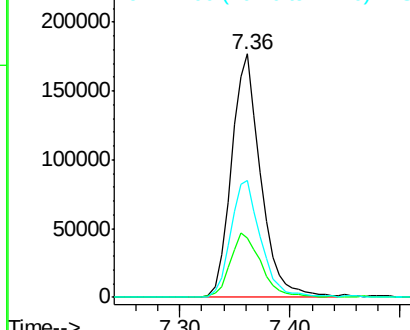
99 100

42 24.2 20.5 30.7

71 48.1 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: 2.05 ng

RT: 8.53 min Scan# 969

Delta R.T. 0.09 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

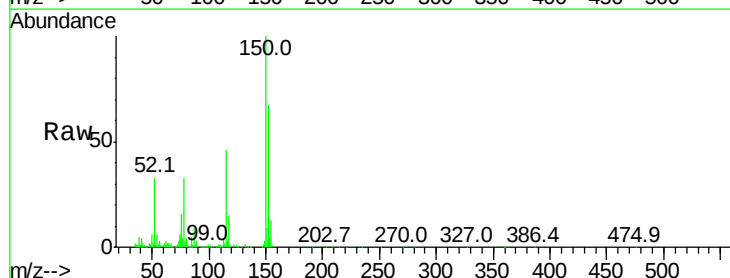
Tgt Ion: 79 Resp: 8733

Ion Ratio Lower Upper

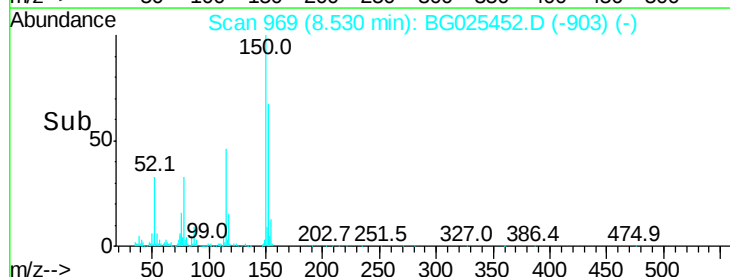
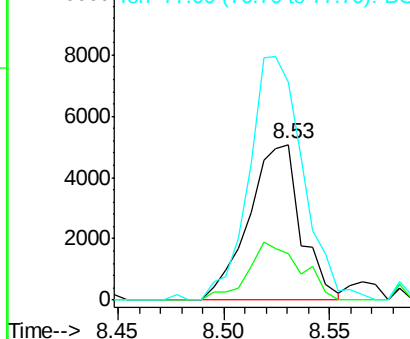
79 100

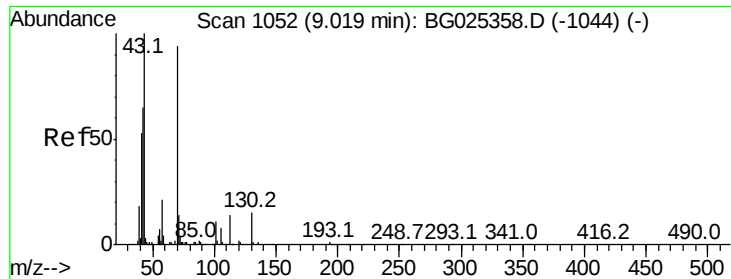
108 30.1 45.5 68.3#

77 140.2 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

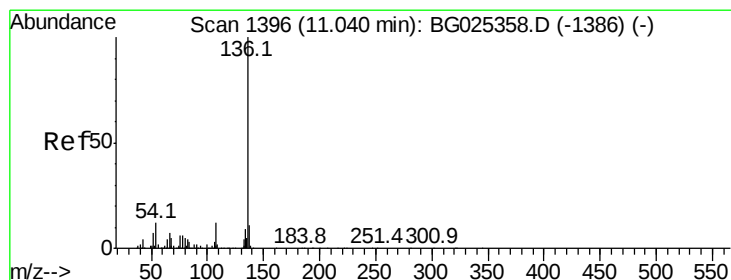
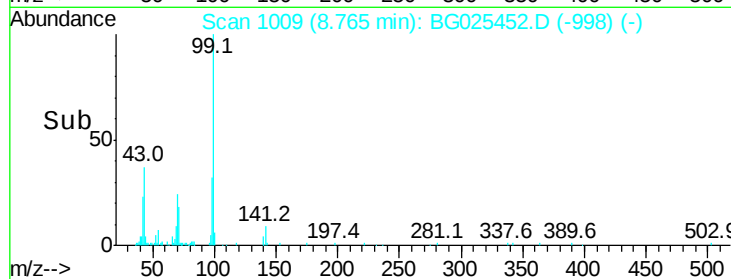
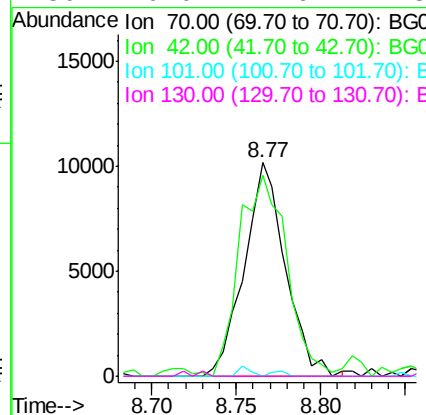
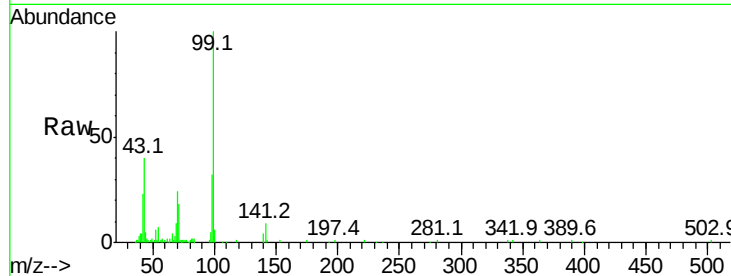




#19
n-Nitroso-di-n-propylamine
Concen: 4.59 ng
RT: 8.77 min Scan# 1009
Delta R.T. -0.24 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

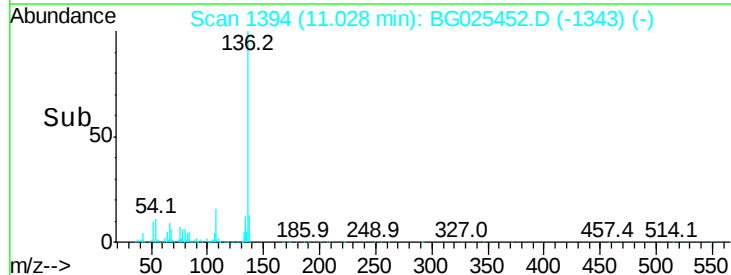
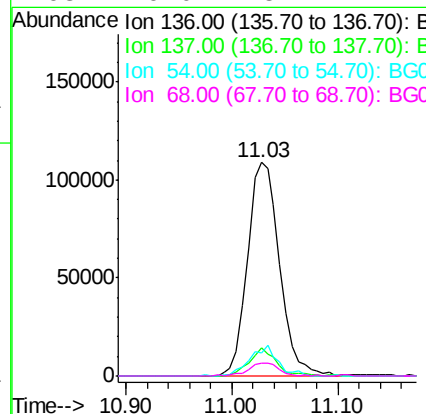
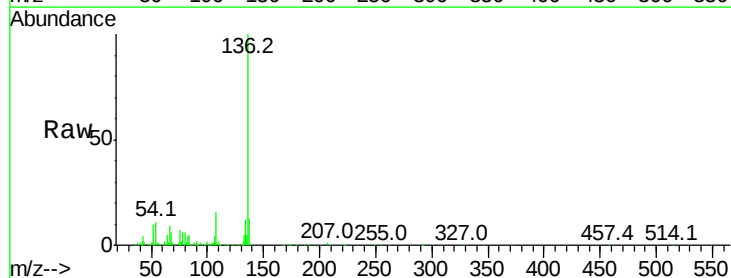
Instrument :
BNA_G
ClientSampleId :

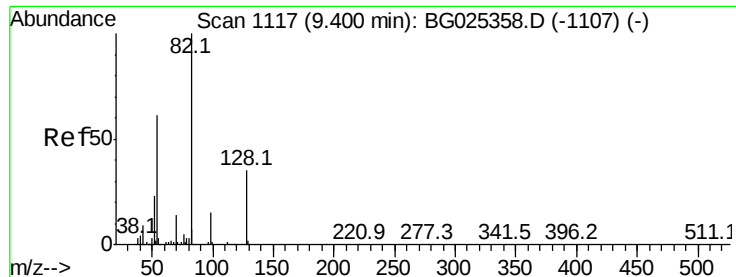
Tot Ion: 70 Resp: 17266
Ion Ratio Lower Upper
70 100
42 94.2 56.1 84.1#
101 0.0 7.5 11.3#
130 0.0 14.6 21.8#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

Tgt Ion: 136 Resp: 229437
Ion Ratio Lower Upper
136 100
137 12.9 8.9 13.3
54 10.6 9.3 13.9
68 6.0 5.1 7.7

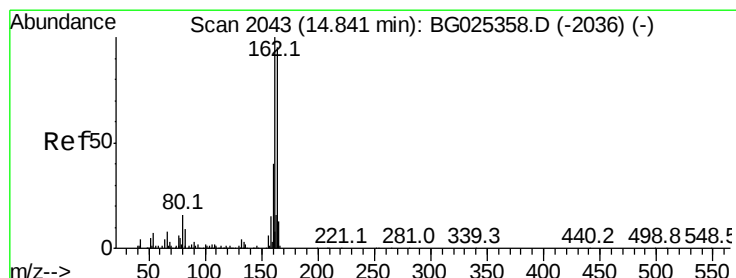
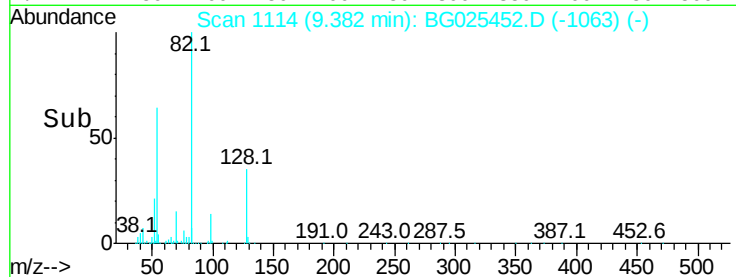
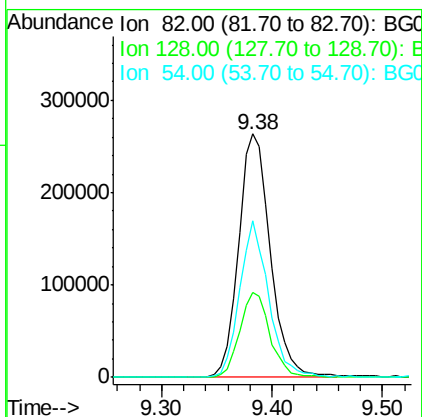
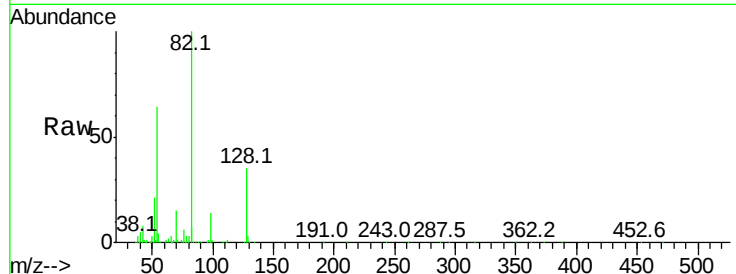




#23
Nitrobenzene-d5
Concen: 102.18 ng
RT: 9.38 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

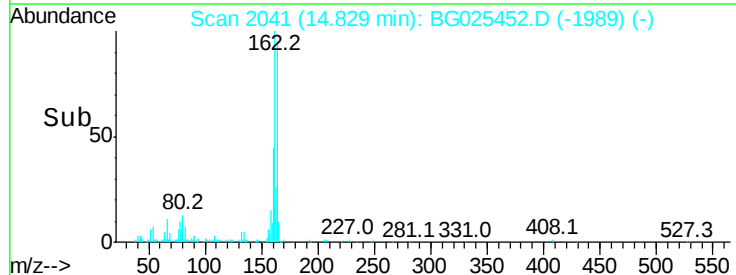
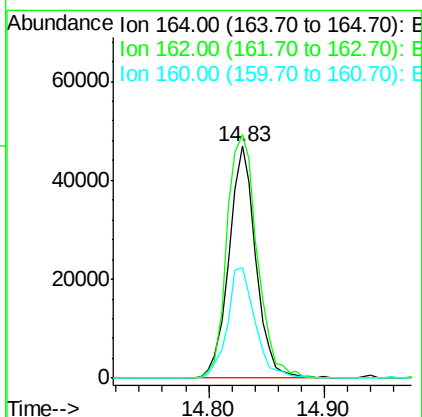
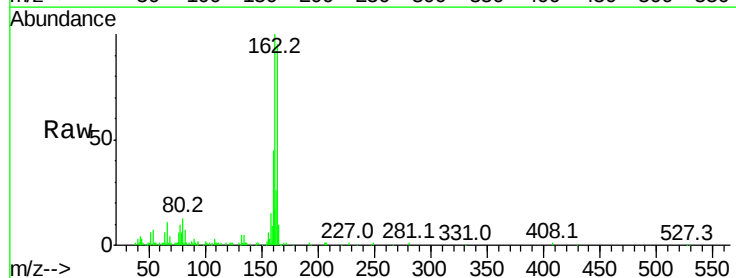
Instrument :
BNA_G
ClientSampleId :

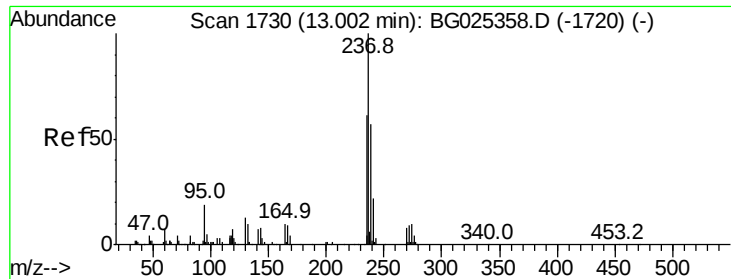
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.4	39.6
54	64.4	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.83 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.1	127.7
160	47.5	34.7	52.1

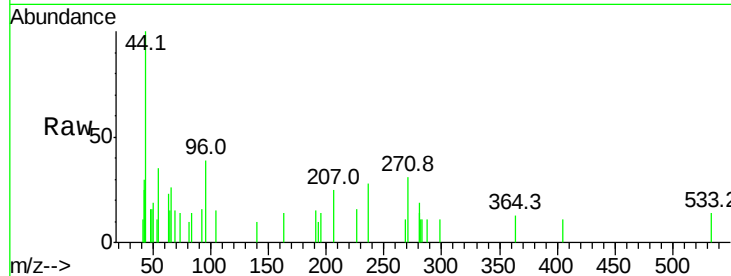




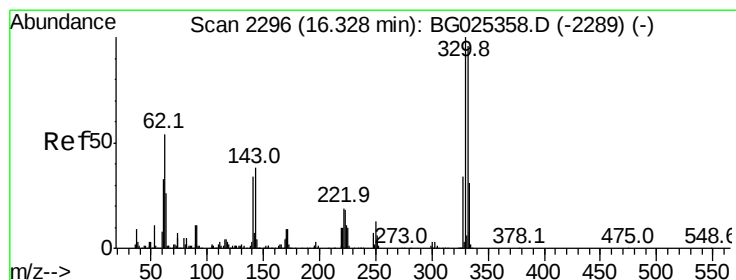
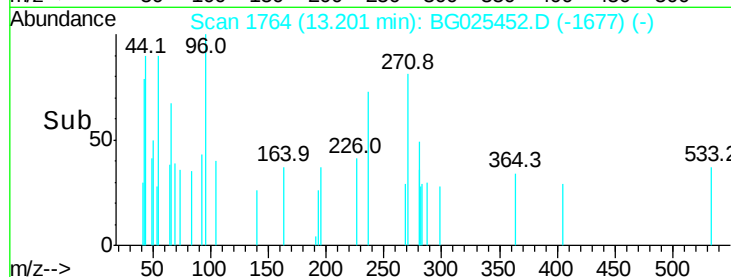
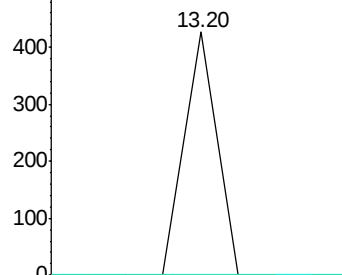
#40
Hexachlorocyclopentadiene
Concen: 8.66 ng
RT: 13.20 min Scan# 1764
Delta R.T. 0.21 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4
272	0.0	0.0	32.0

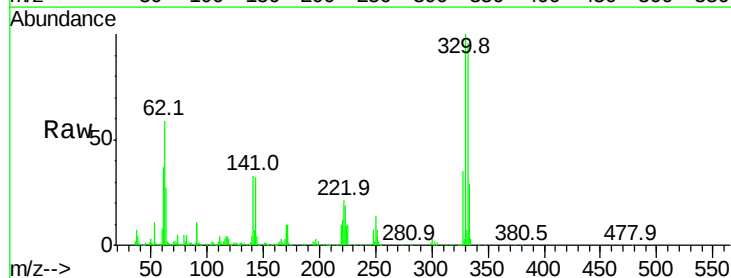


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

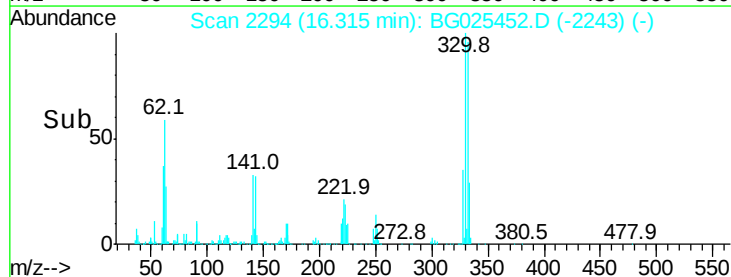
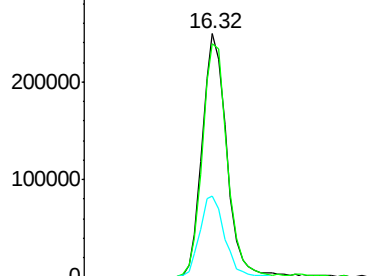


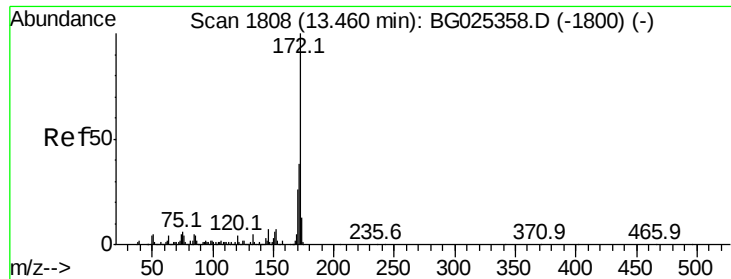
#41
2,4,6-Tribromophenol
Concen: 344.31 ng
RT: 16.32 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.9	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

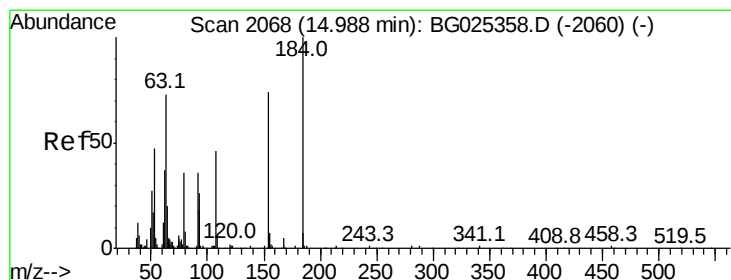
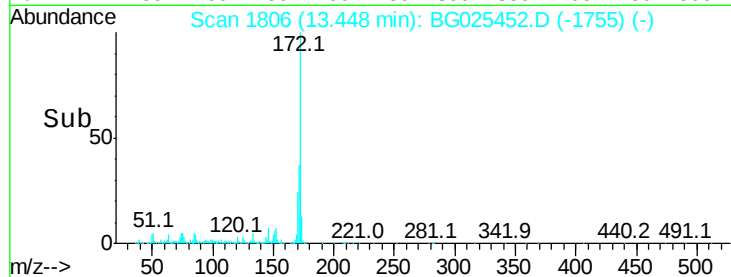
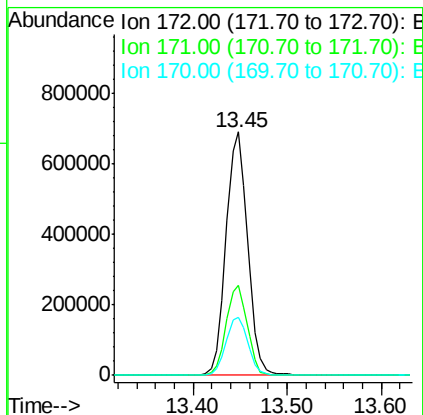
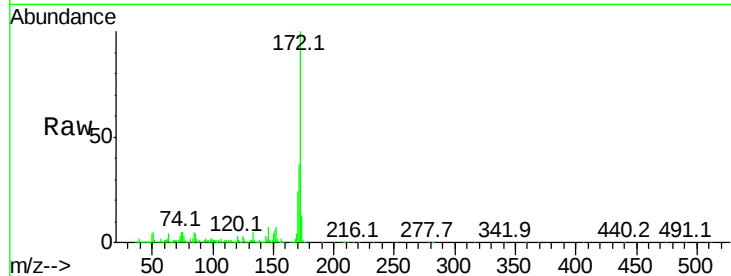




#44
2-Fluorobiphenyl
Concen: 236.74 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

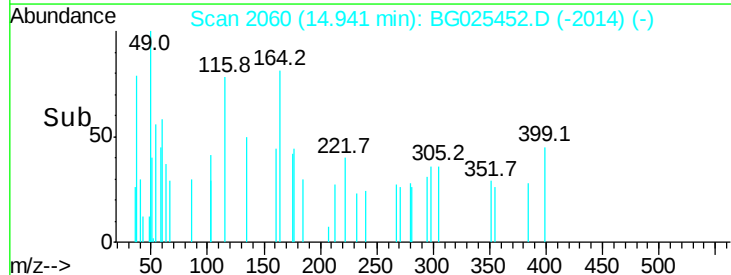
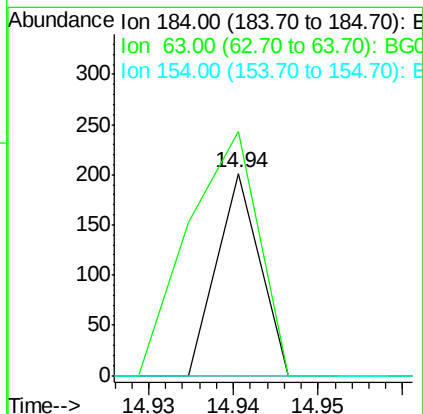
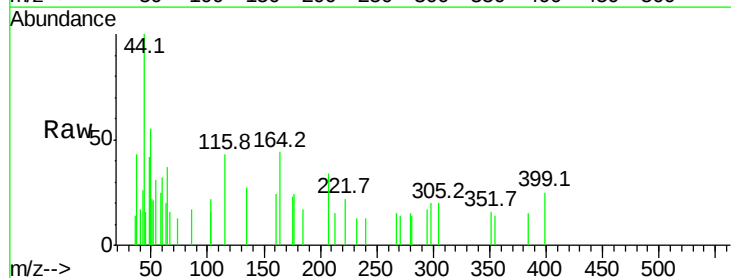
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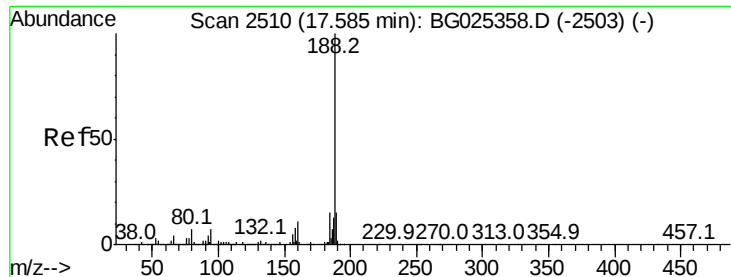
Tot Ion:172 Resp: 1104916
Ion Ratio Lower Upper
172 100
171 36.8 32.2 48.2
170 24.1 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 5.16 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.03 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

Tgt Ion:184 Resp: 71
Ion Ratio Lower Upper
184 100
63 120.9 52.7 79.1#
154 0.0 57.3 85.9#

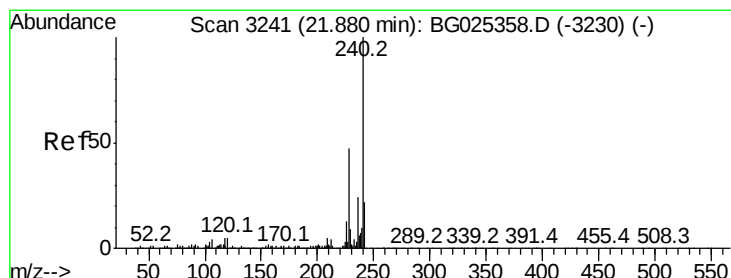
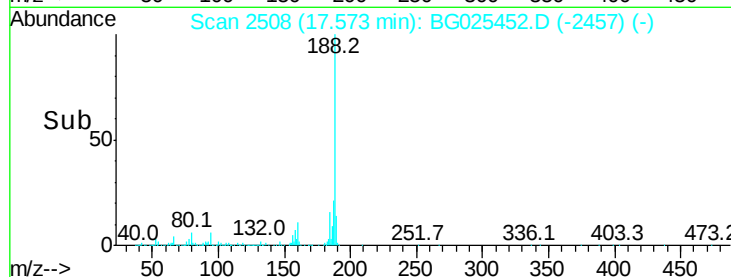
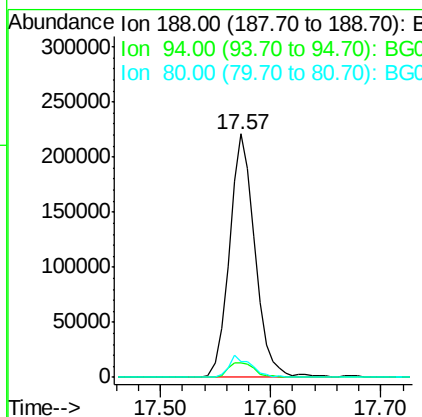
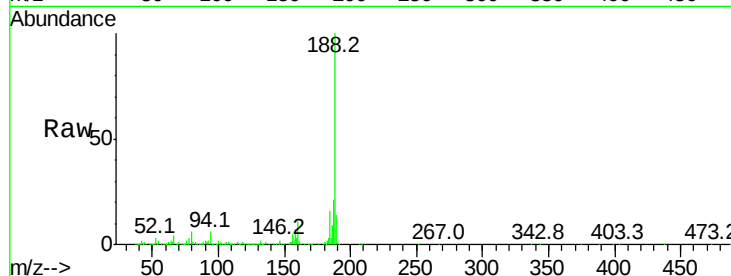




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

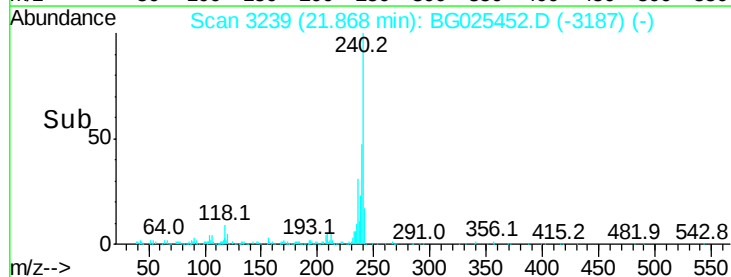
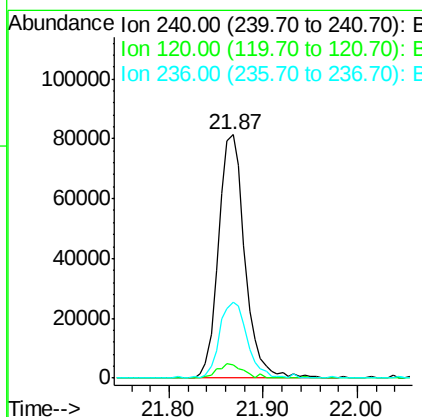
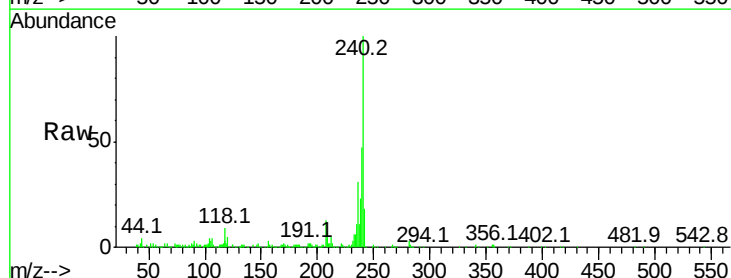
Instrument :
BNA_G
ClientSampleId :

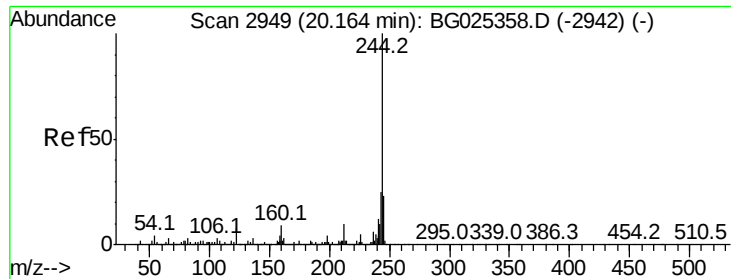
Tot Ion:188 Resp: 356770
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 6.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BG025452.D
Acq: 10 Jan 2017 11:13

Tgt Ion:240 Resp: 159378
Ion Ratio Lower Upper
240 100
120 5.2 5.7 8.5#
236 31.1 22.2 33.4





#78

Terphenyl-d14

Concen: 298.64 ng

RT: 20.15 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

Instrument :

BNA_G

ClientSampleId :

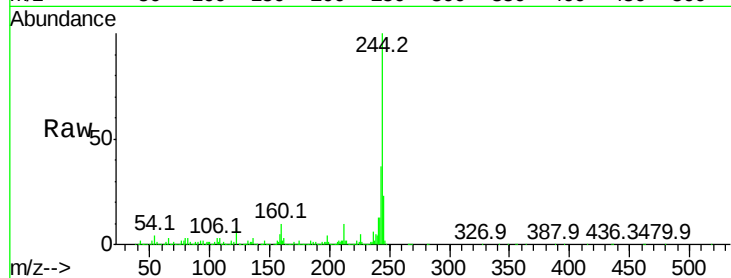
Tot Ion:244 Resp: 1795124

Ion Ratio Lower Upper

244 100

212 9.9 10.0 15.0#

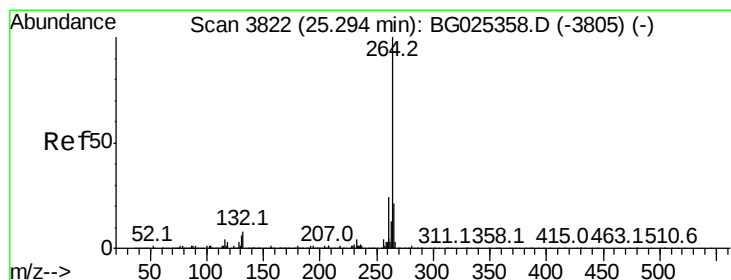
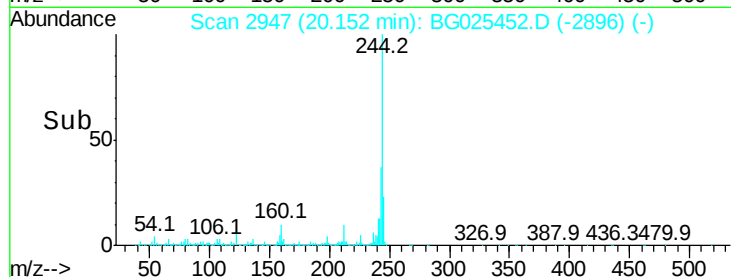
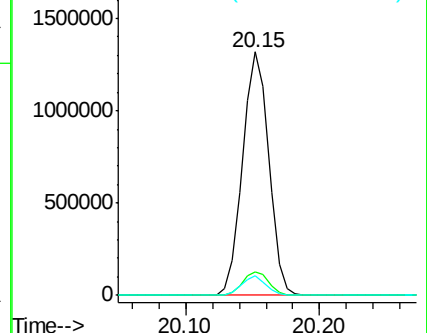
122 7.9 8.6 12.8#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. 0.02 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

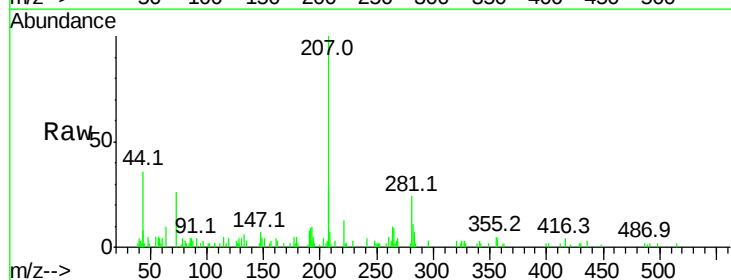
Tgt Ion:264 Resp: 1370

Ion Ratio Lower Upper

264 100

260 49.7 21.8 32.8#

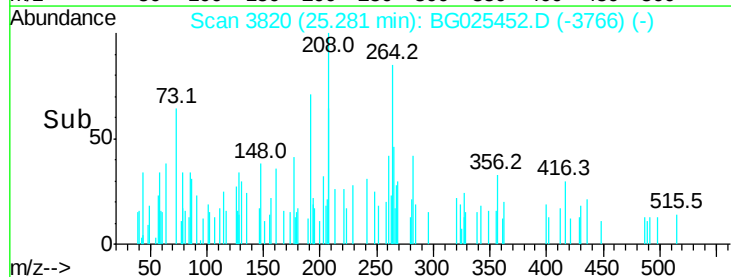
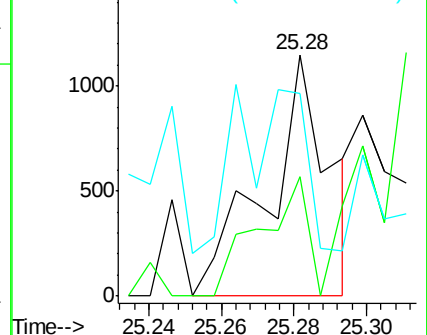
265 84.0 18.2 27.4#

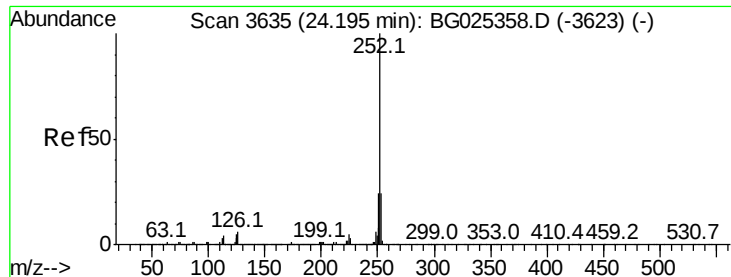


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.27 ng

RT: 24.18 min Scan# 3632

Delta R.T. 0.00 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

Instrument :

BNA_G

ClientSampleId :

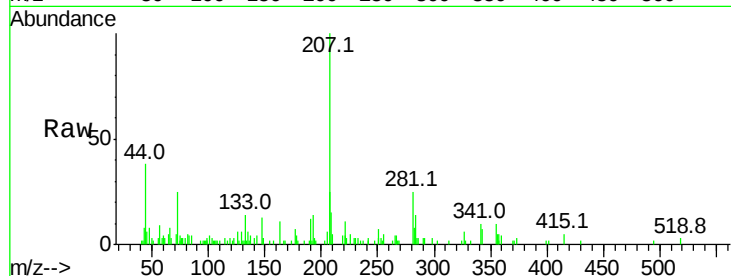
Tot Ion:252 Resp: 170

Ion Ratio Lower Upper

252 100

253 0.0 18.7 28.1#

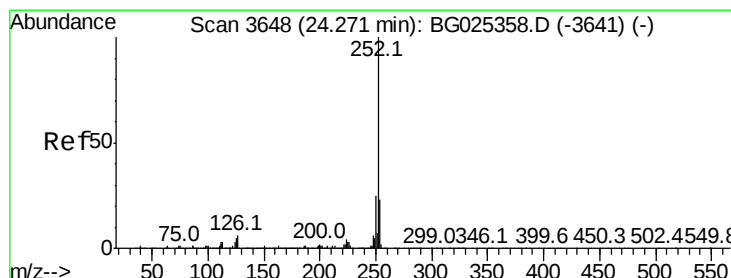
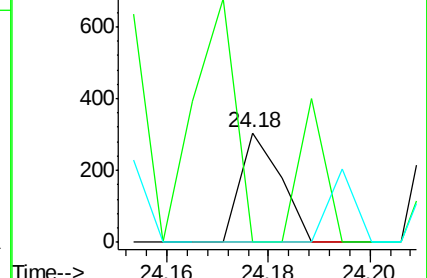
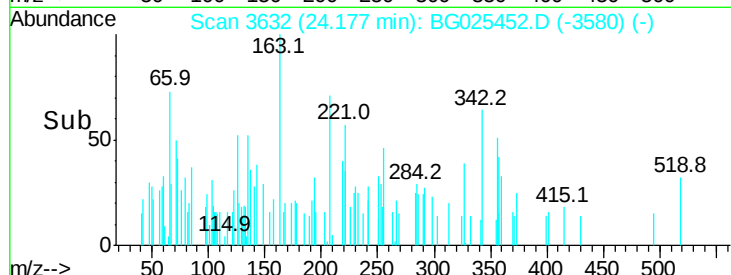
125 0.0 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 4.25 ng

RT: 24.27 min Scan# 3648

Delta R.T. 0.03 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

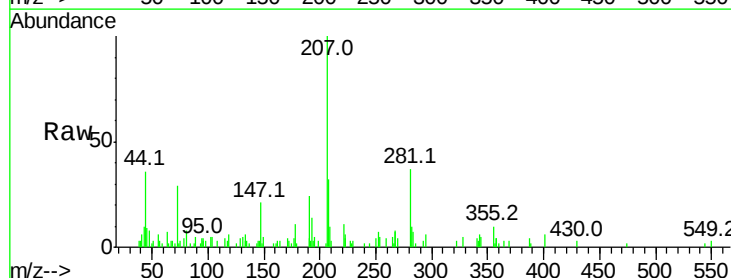
Tgt Ion:252 Resp: 307

Ion Ratio Lower Upper

252 100

253 69.0 20.2 30.2#

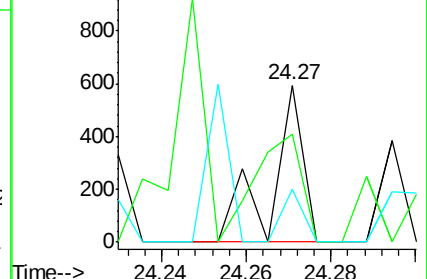
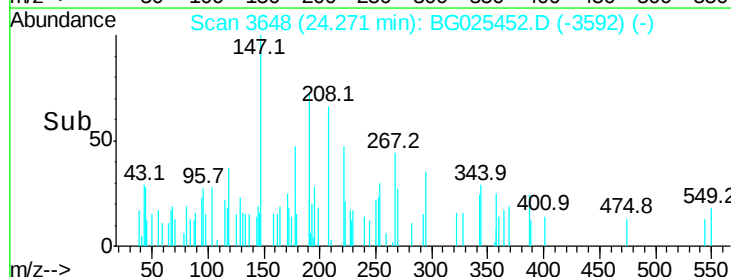
125 34.1 5.1 7.7#

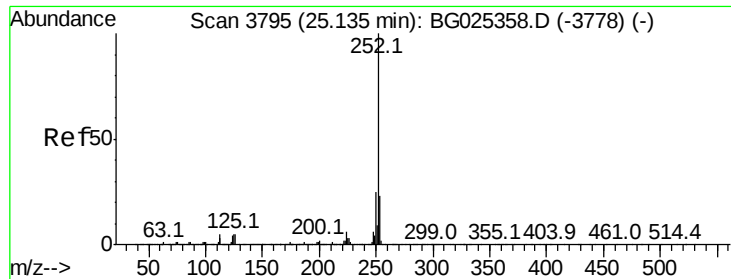


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 5.62 ng

RT: 25.11 min Scan# 3790

Delta R.T. 0.00 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

Instrument :

BNA_G

ClientSampled :

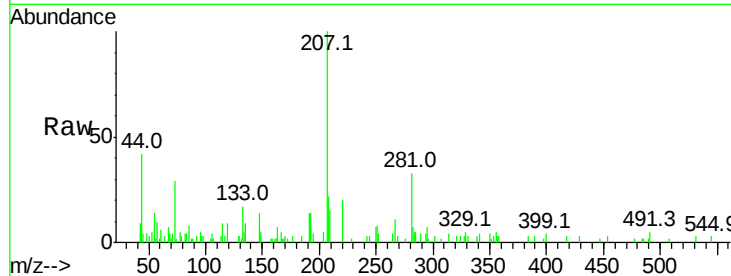
Tot Ion:252 Resp: 406

Ion Ratio Lower Upper

252 100

253 0.0 19.2 28.8#

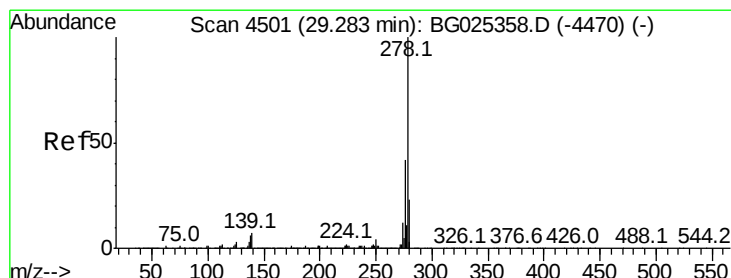
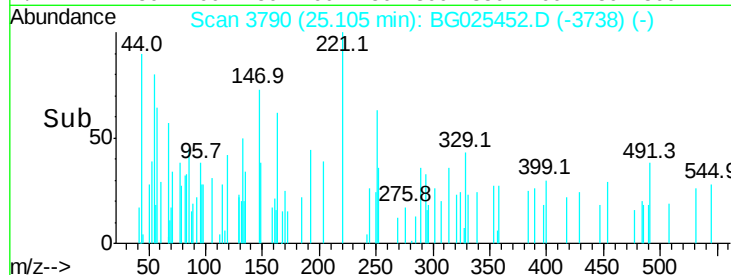
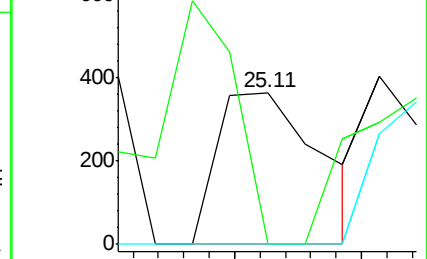
125 0.0 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.08 ng

RT: 29.25 min Scan# 4495

Delta R.T. 0.02 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

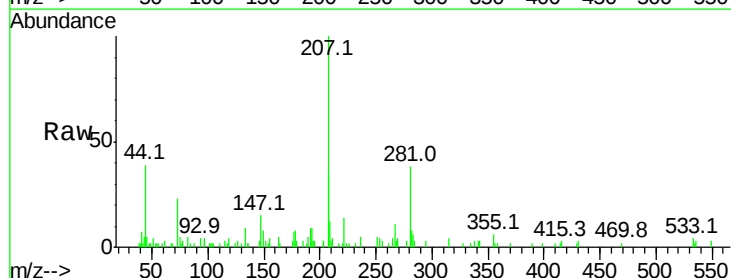
Tgt Ion:278 Resp: 159

Ion Ratio Lower Upper

278 100

139 0.0 7.7 11.5#

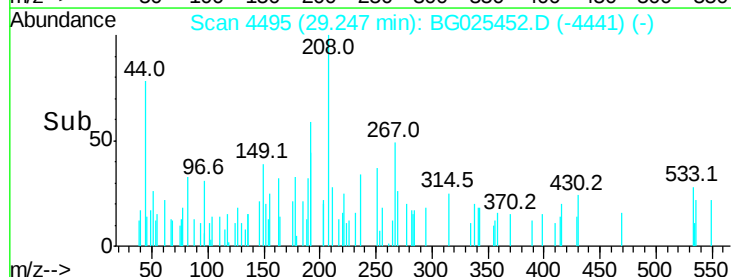
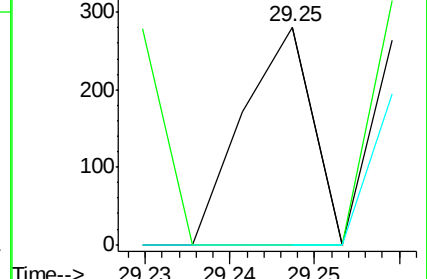
279 0.0 19.1 28.7#

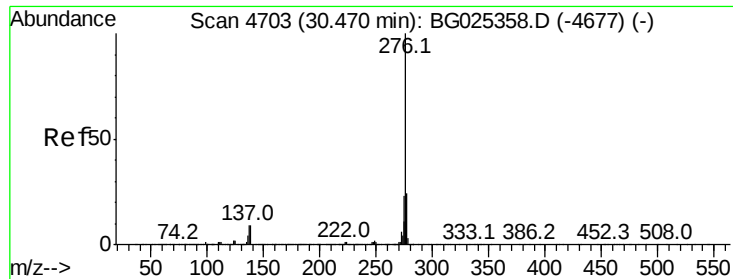


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.25 ng

RT: 30.45 min Scan# 4700

Delta R.T. 0.03 min

Lab File: BG025452.D

Acq: 10 Jan 2017 11:13

Instrument :

BNA_G

ClientSampleId :

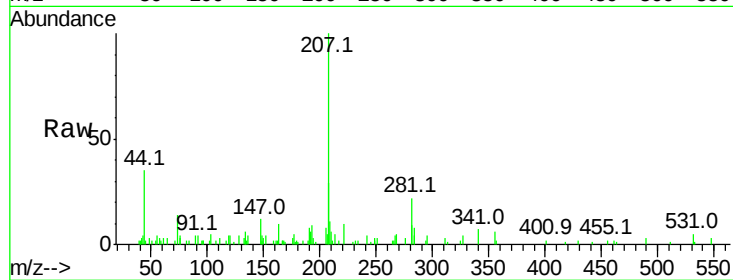
Tot Ion:276 Resp: 171

Ion Ratio Lower Upper

276 100

277 0.0 18.6 27.8#

138 0.0 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

