

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091616\
 Data File : BG024007.D
 Acq On : 16 Sep 2016 23:48
 Operator : UM/SJ
 Sample : H4813-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-6

Quant Time: Sep 17 00:52:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 00:17:46 2016
 Response via : Initial Calibration

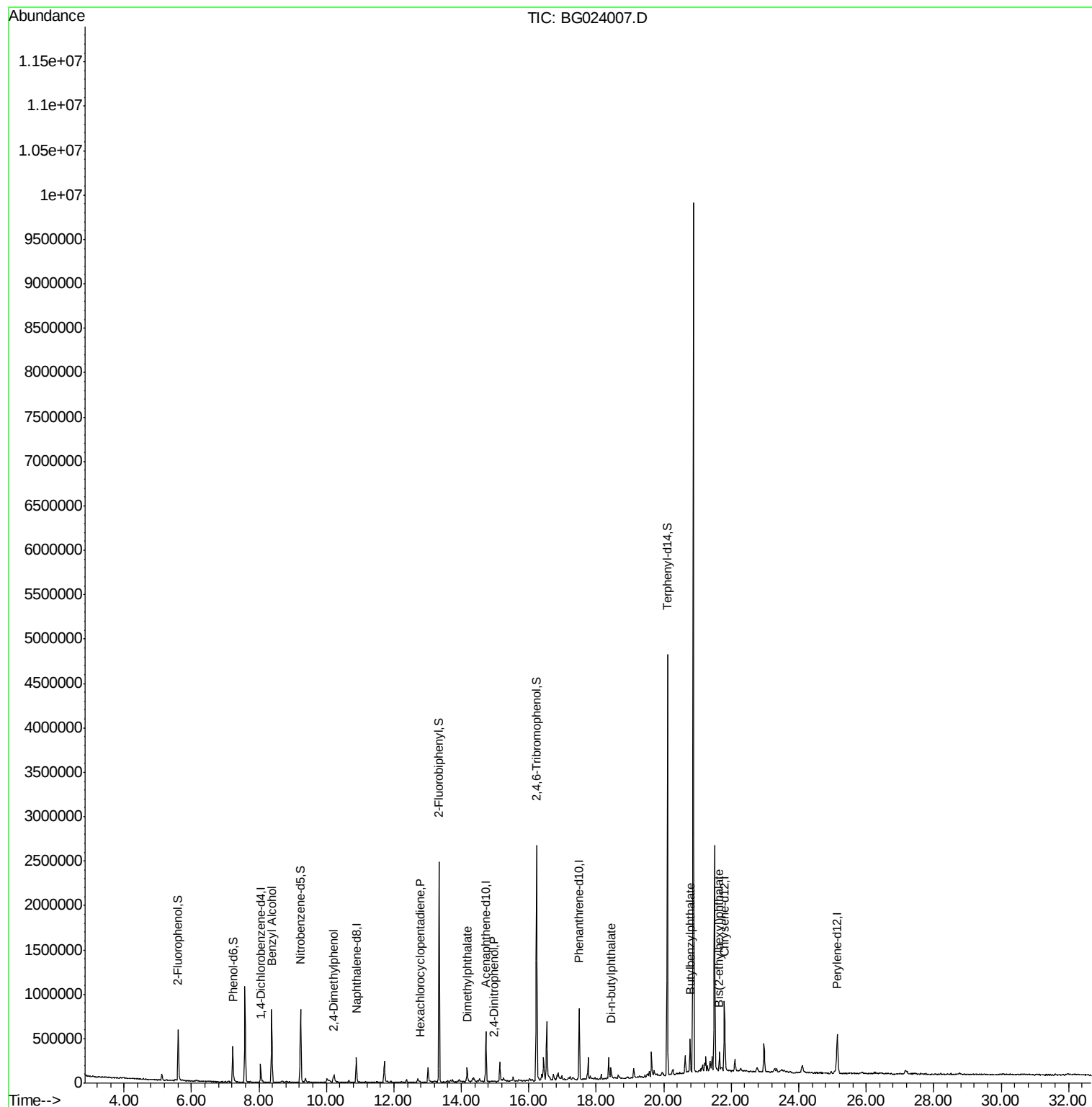
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	46781	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	221984	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	195985	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	448634	20.00	ng	0.00
75) Chrysene-d12	21.80	240	482093	20.00	ng	0.00
86) Perylene-d12	25.14	264	484829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	229203	86.02	ng	0.00
7) Phenol-d6	7.22	99	223498	54.49	ng	0.00
23) Nitrobenzene-d5	9.24	82	530928	106.78	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	459836	130.23	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1114309	81.52	ng	0.00
78) Terphenyl-d14	20.11	244	1814538	85.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.37	79	8669	2.40	ng	# 54
27) 2,4-Dimethylphenol	10.21	122	22507	6.52	ng	# 1
40) Hexachlorocyclopentadiene	12.80	237	74	7.10	ng	# 26
49) Dimethylphthalate	14.18	163	92469	5.50	ng	# 96
53) 2,4-Dinitrophenol	14.97	184	77	6.54	ng	# 10
73) Di-n-butylphthalate	18.44	149	73123	2.84	ng	# 95
79) Butylbenzylphthalate	20.78	149	97223	8.51	ng	# 97
83) Bis(2-ethylhexyl)phthalate	21.65	149	74753	4.78	ng	# 93

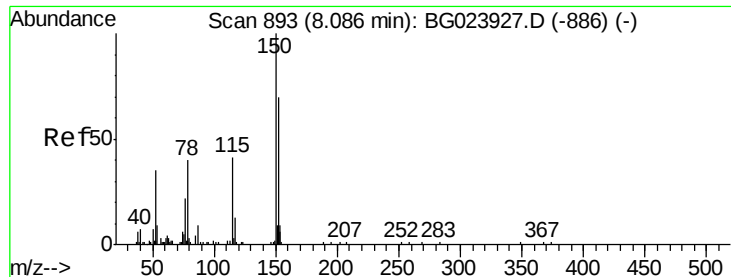
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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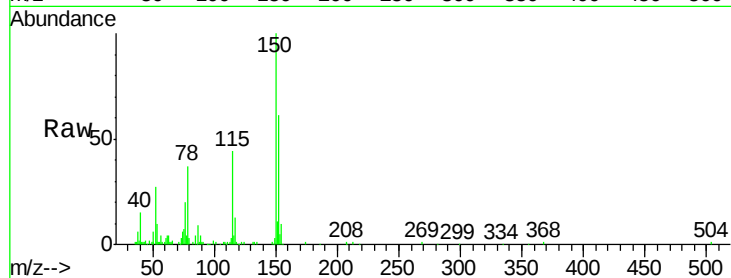


#1

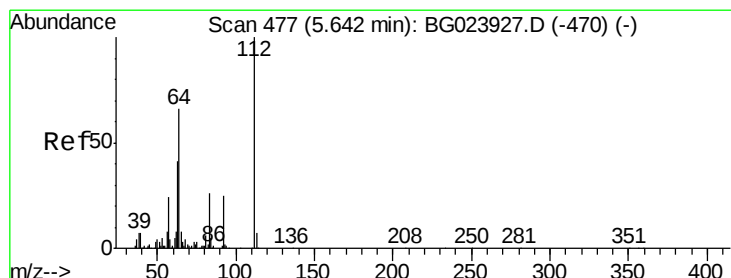
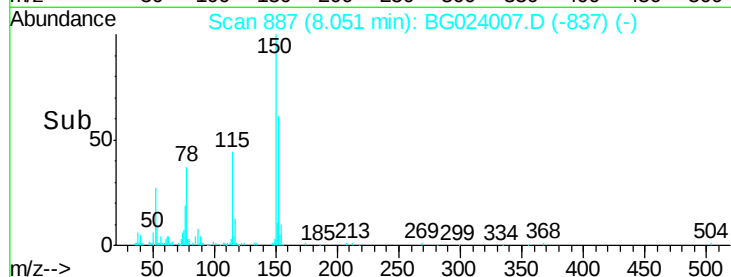
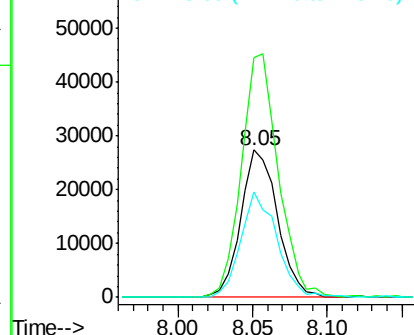
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

Instrument :
BNA_G
ClientSampleId :
SB-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.2	144.7	217.1
115	71.4	64.0	96.0



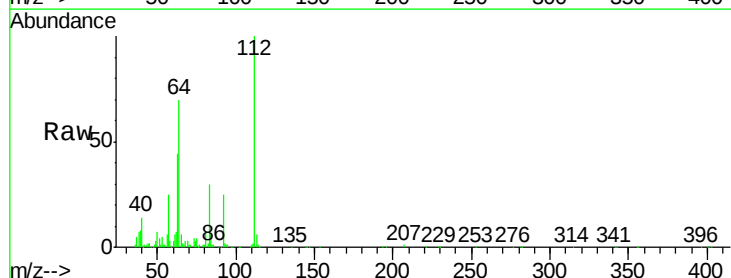
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



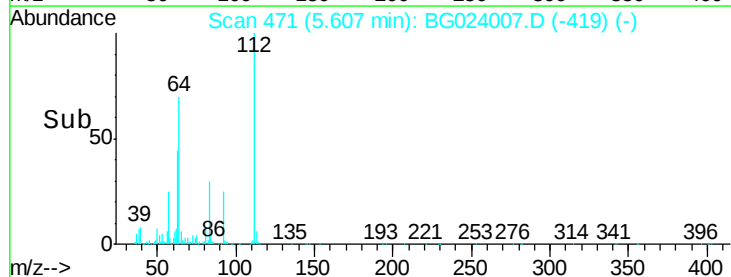
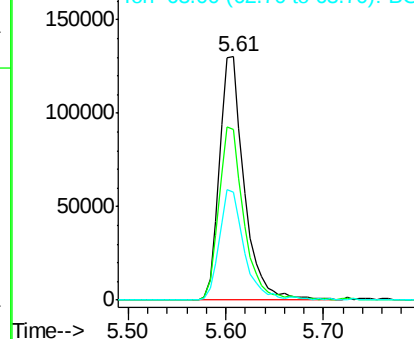
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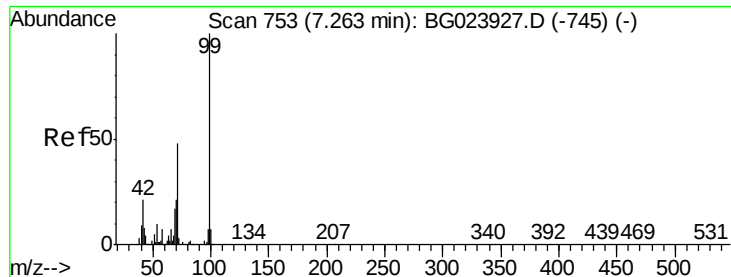
2-Fluorophenol
Concen: 86.02 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	59.0	88.4
63	44.2	37.8	56.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 54.49 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

Instrument :

BNA_G

ClientSampleId :

SB-6

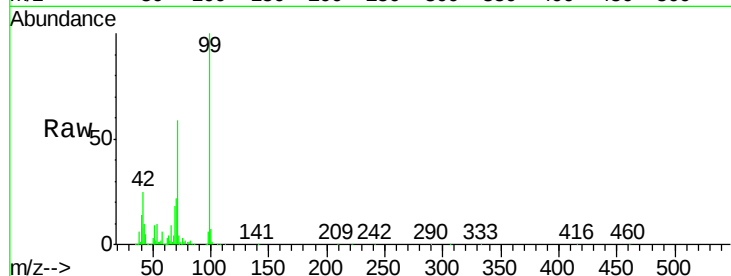
Tgt Ion: 99 Resp: 223498

Ion Ratio Lower Upper

99 100

42 25.0 17.8 26.6

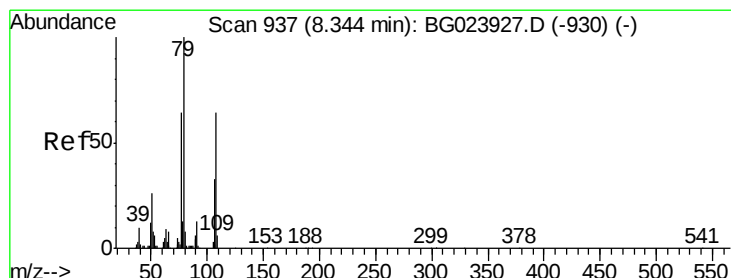
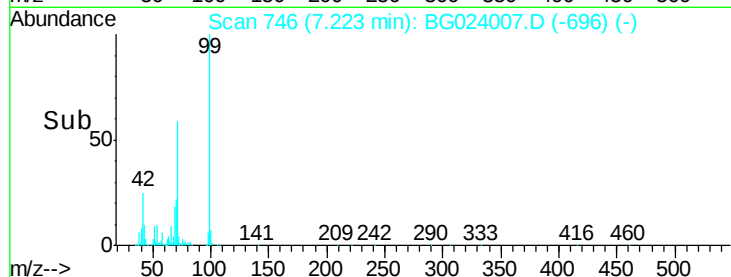
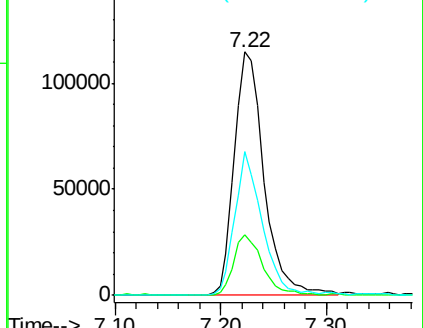
71 59.0 41.5 62.3



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: 2.40 ng

RT: 8.37 min Scan# 941

Delta R.T. 0.07 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

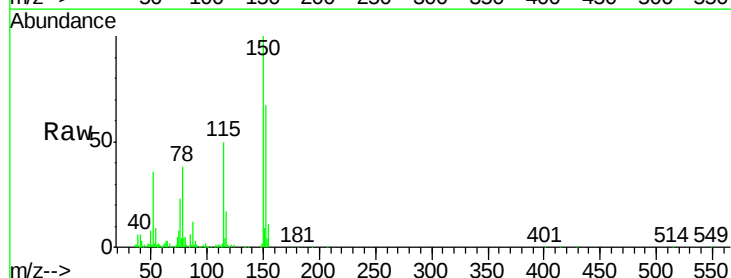
Tgt Ion: 79 Resp: 8669

Ion Ratio Lower Upper

79 100

108 25.4 46.5 69.7#

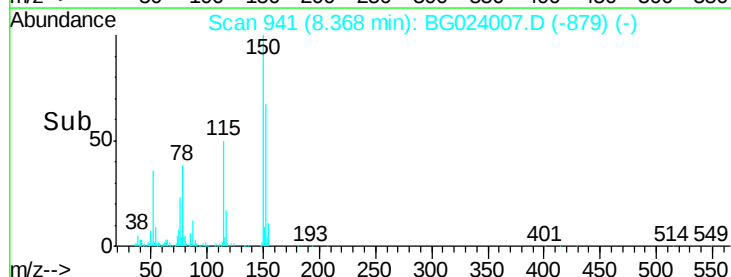
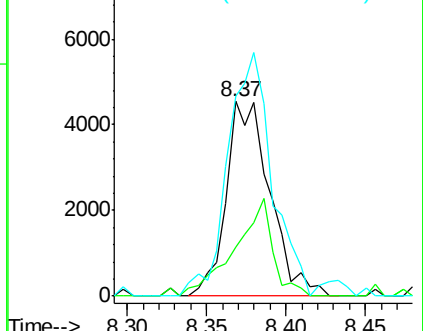
77 102.9 52.3 78.5#

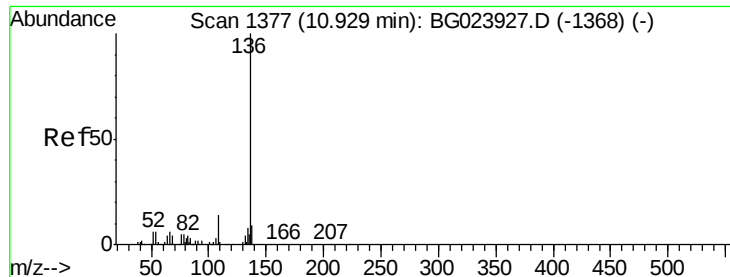


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

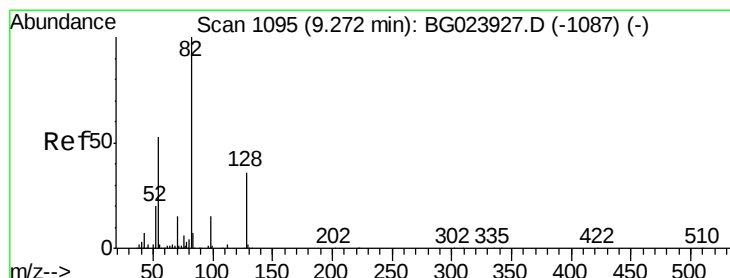
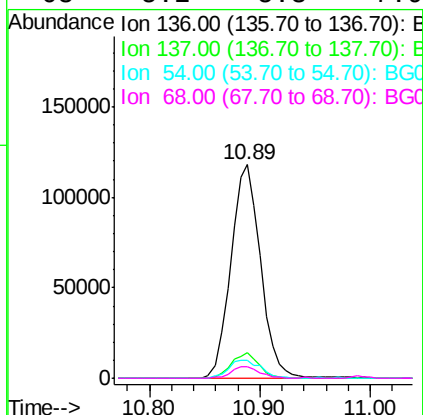
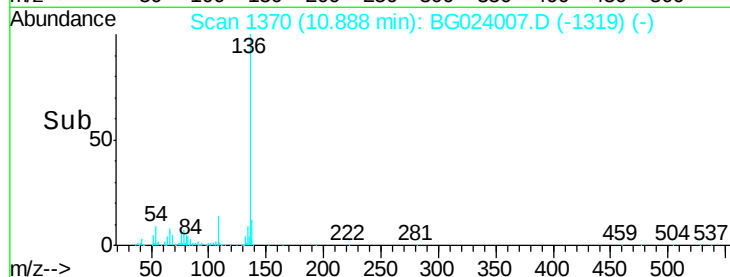
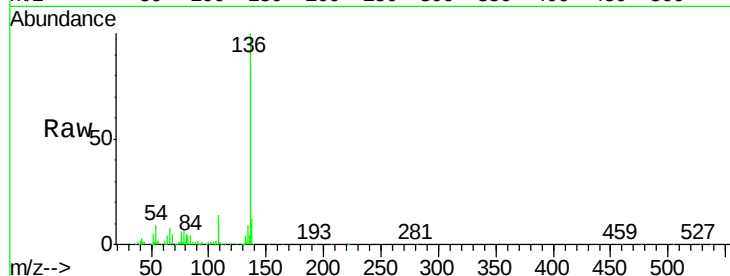




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

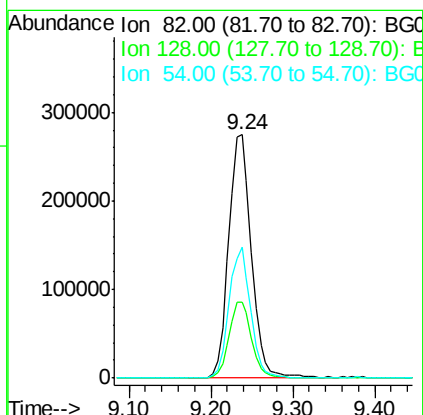
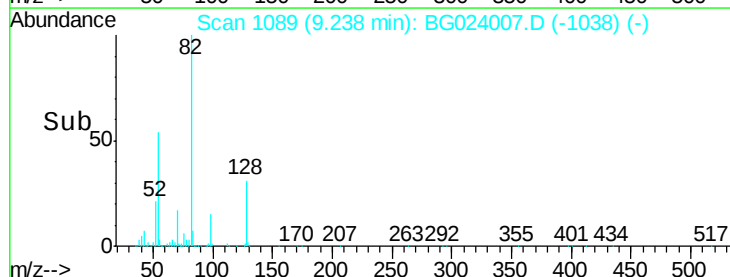
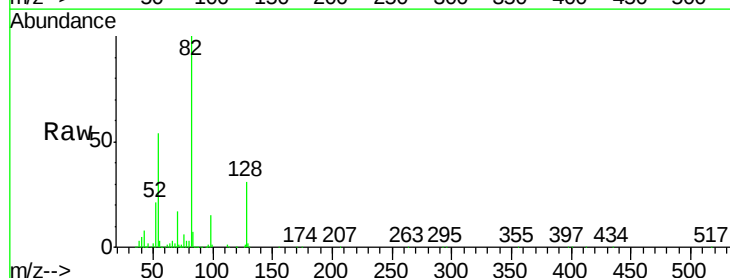
Instrument :
BNA_G
ClientSampleId :
SB-6

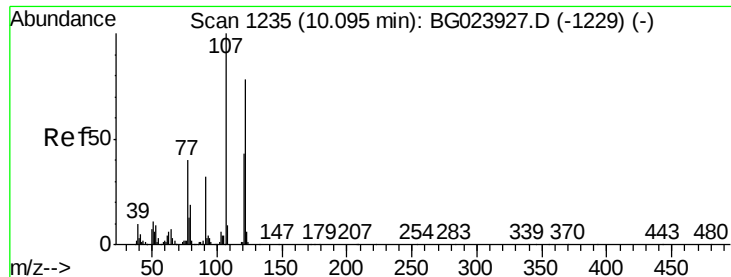
Tgt Ion:	136	Resp:	221984
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	8.7	7.3	10.9
68	5.2	5.3	7.9#



#23
Nitrobenzene-d5
Concen: 106.78 ng
RT: 9.24 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

Tgt Ion:	82	Resp:	530928
Ion	Ratio	Lower	Upper
82	100		
128	31.3	24.4	36.6
54	53.9	41.4	62.0

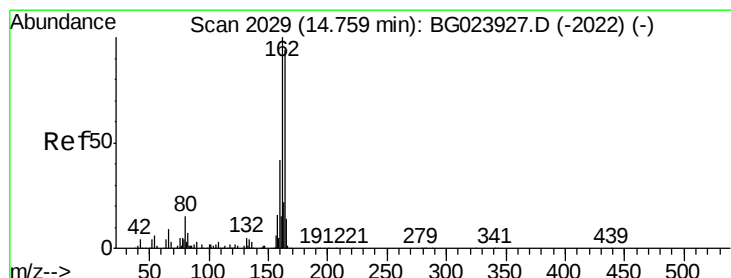
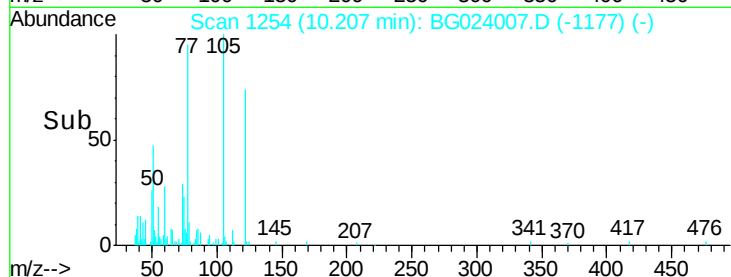
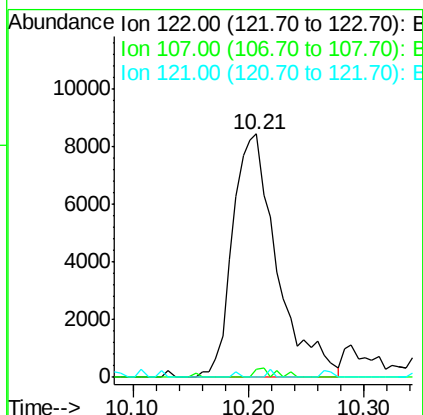
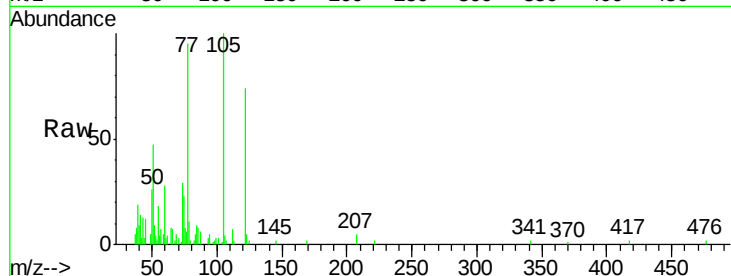




#27
2,4-Dimethylphenol
Concen: 6.52 ng
RT: 10.21 min Scan# 1254
Delta R.T. 0.15 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

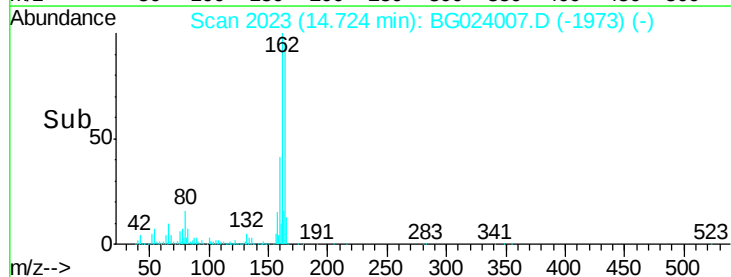
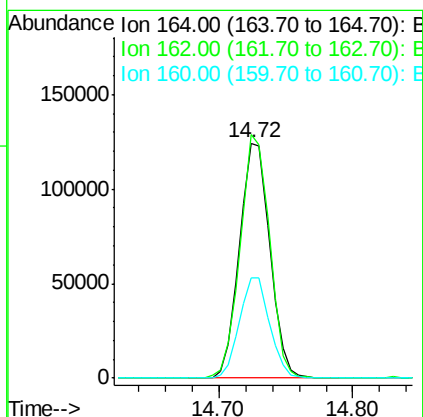
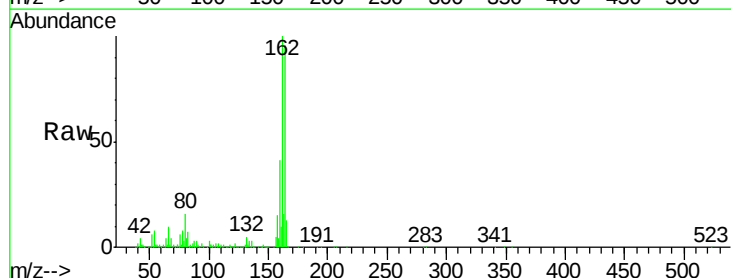
Instrument :
BNA_G
ClientSampled :
SB-6

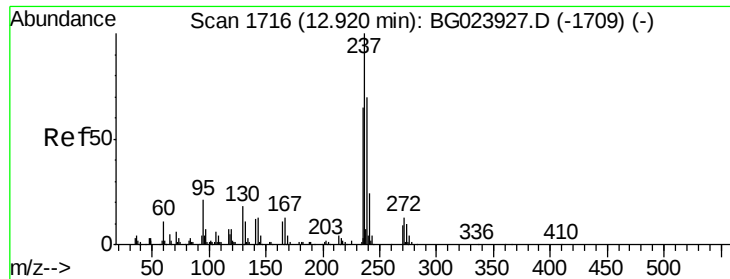
Tgt Ion	Ratio	Lower	Upper
122	100		
107	3.1	117.0	175.4#
121	0.0	50.1	75.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	87.7	131.5
160	42.8	37.2	55.8





#40

Hexachlorocyclopentadiene

Concen: 7.10 ng

RT: 12.80 min Scan# 1695

Delta R.T. -0.09 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

Instrument :

BNA_G

ClientSampled :

SB-6

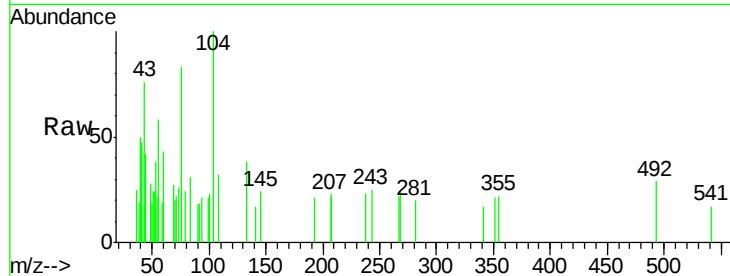
Tgt Ion: 237 Resp: 74

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

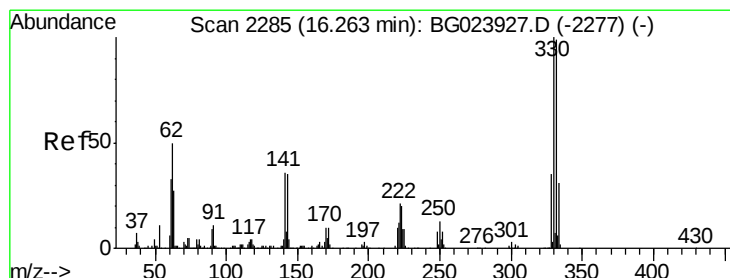
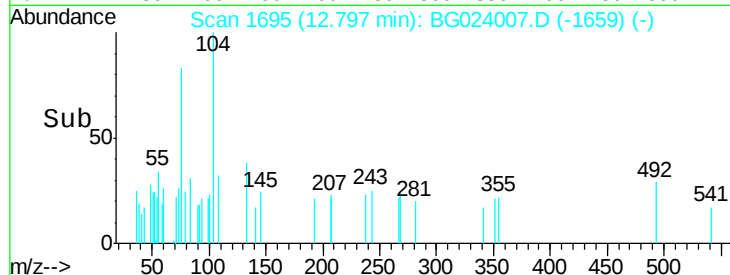
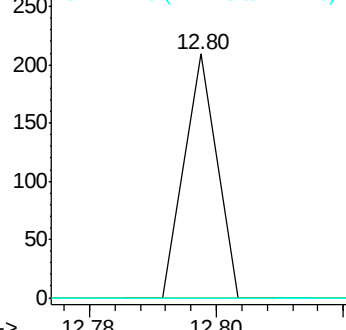
272 0.0 0.0 30.9



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: 130.23 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

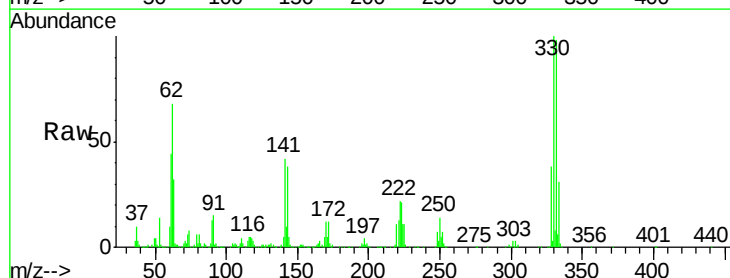
Tgt Ion: 330 Resp: 459836

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

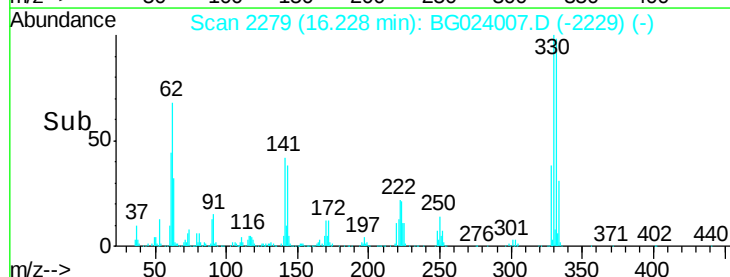
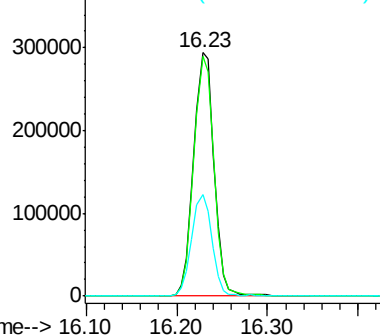
141 41.4 31.7 47.5

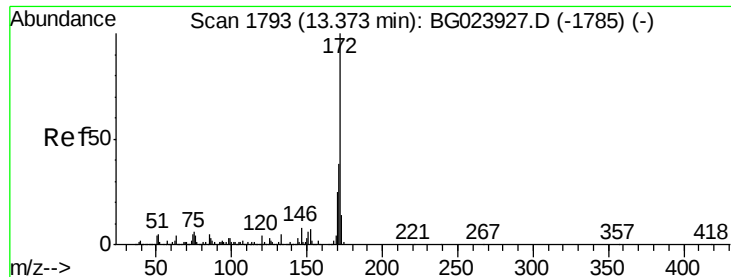


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

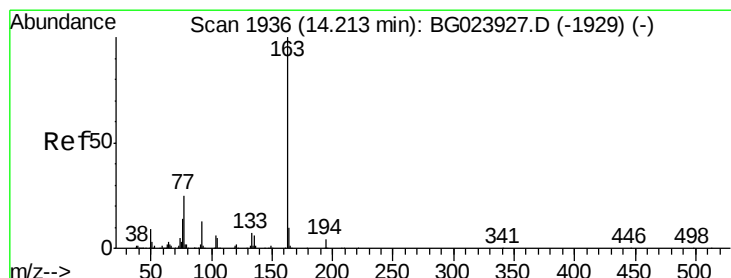
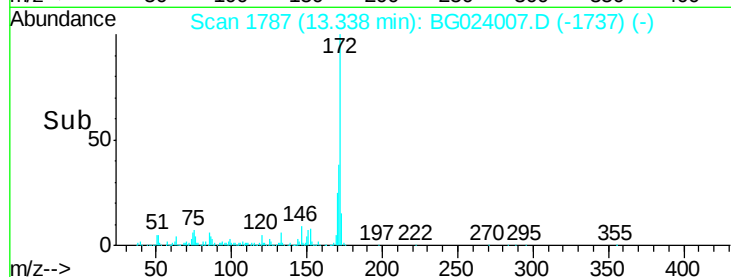
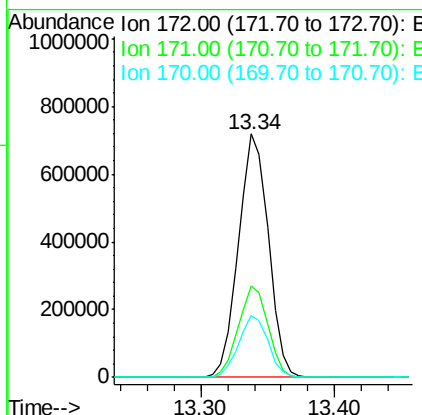
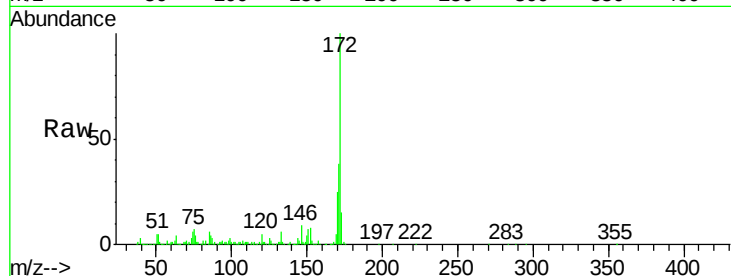




#44
2-Fluorobiphenyl
Concen: 81.52 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

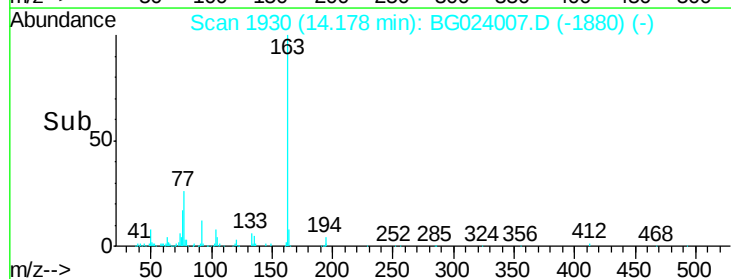
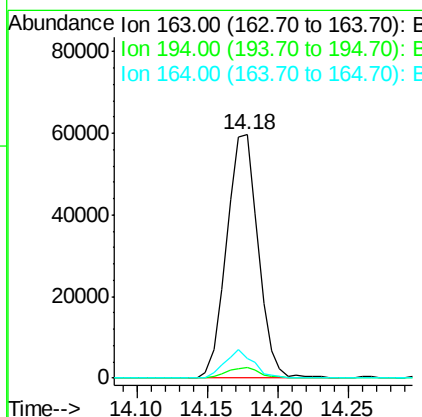
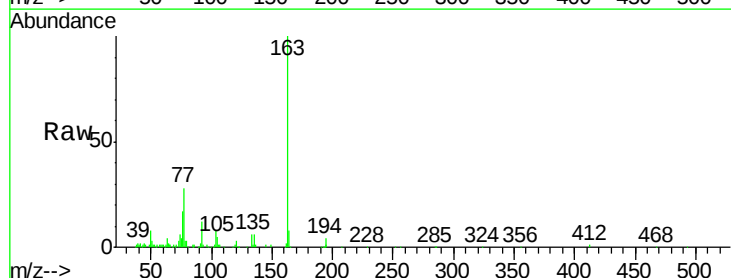
Instrument :
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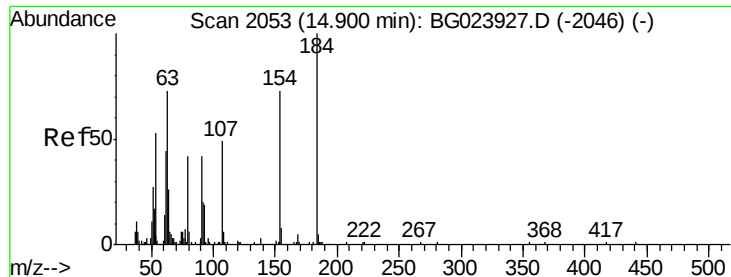
Tgt Ion:172 Resp: 1114309
Ion Ratio Lower Upper
172 100
171 37.5 31.6 47.4
170 25.2 21.3 31.9



#49
Dimethylphthalate
Concen: 5.50 ng
RT: 14.18 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

Tgt Ion:163 Resp: 92469
Ion Ratio Lower Upper
163 100
194 4.2 3.6 5.4
164 8.1 8.1 12.1

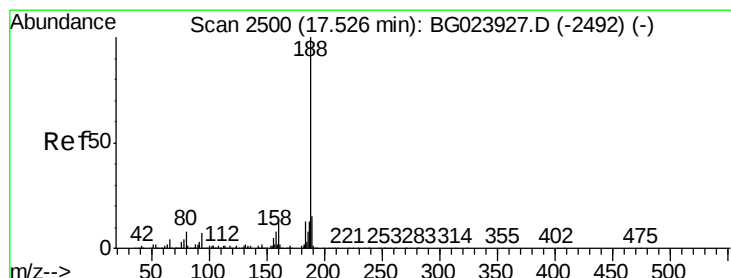
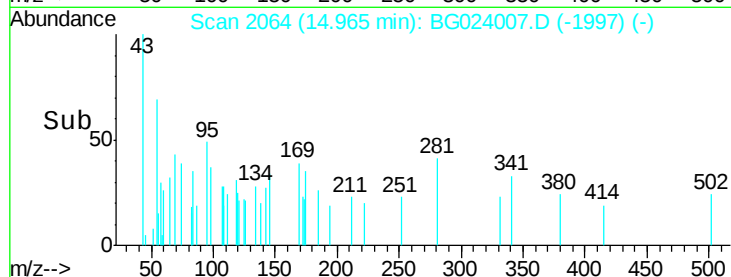
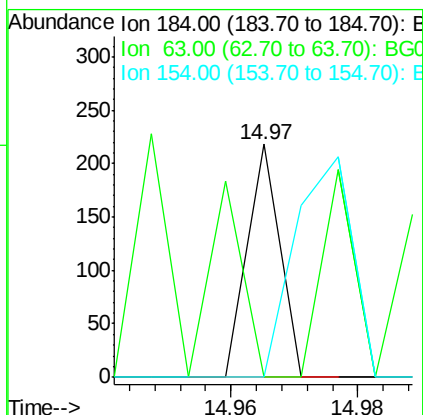
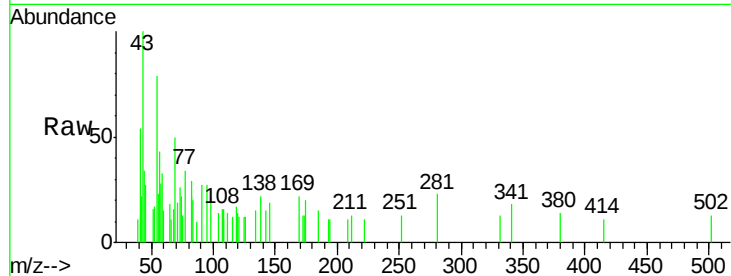




#53
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.97 min Scan# 2064
Delta R.T. 0.09 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

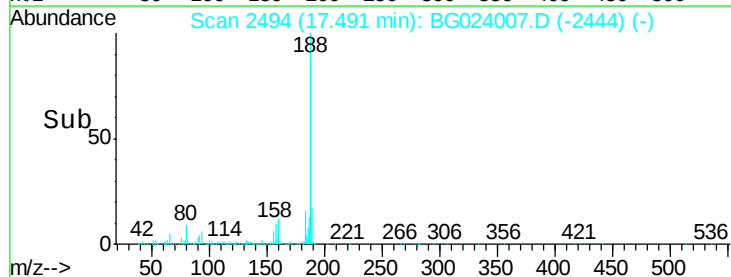
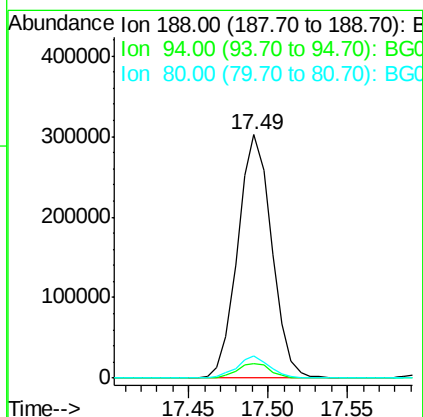
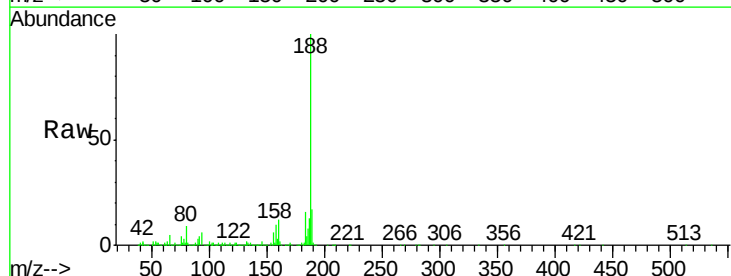
Instrument :
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ClientSampleId :
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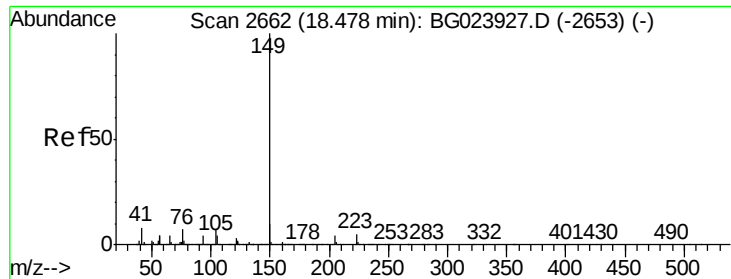
Tgt Ion:184 Resp: 77
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

Tgt Ion:188 Resp: 448634
Ion Ratio Lower Upper
188 100
94 5.9 5.2 7.8
80 9.1 7.2 10.8

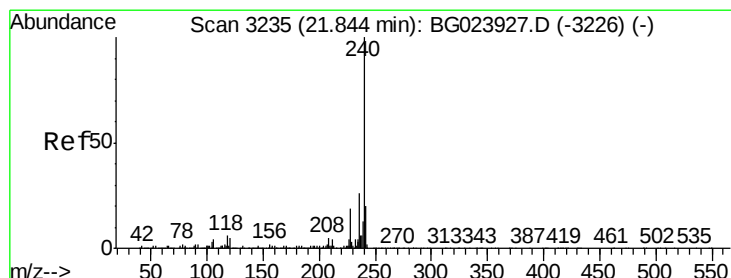
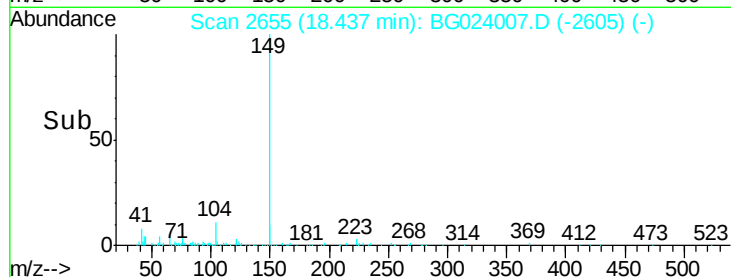
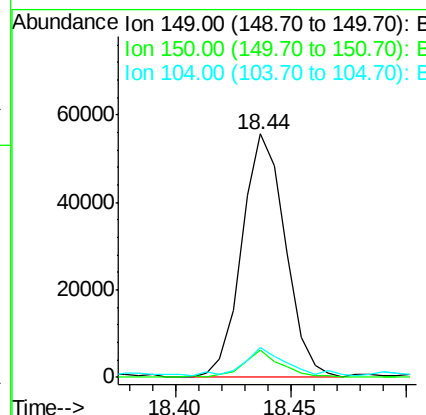
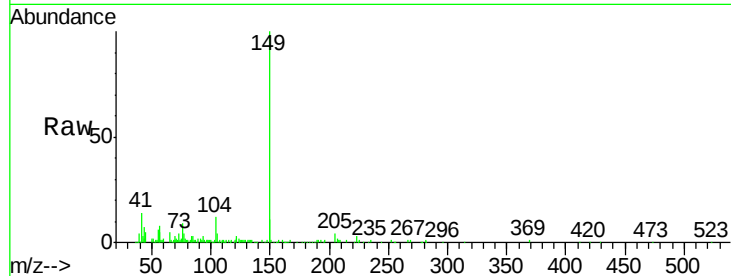




#73
Di-n-butylphthalate
Concen: 2.84 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

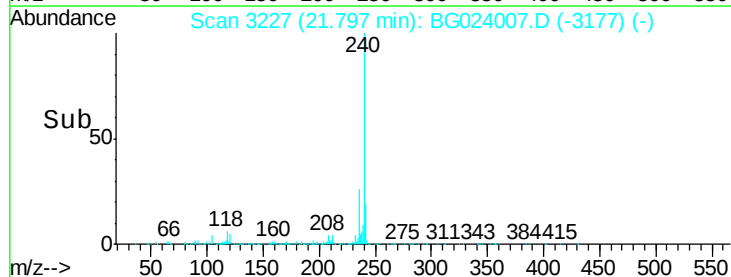
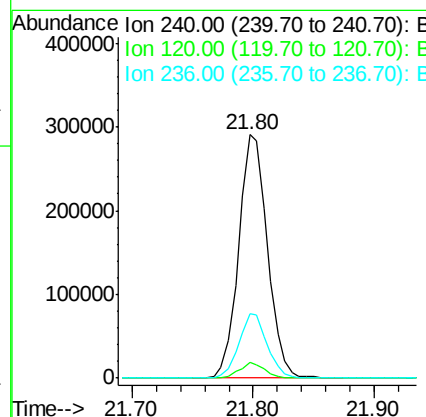
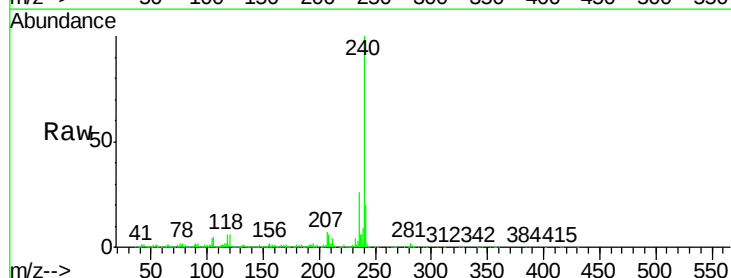
Instrument :
BNA_G
ClientSampleId :
SB-6

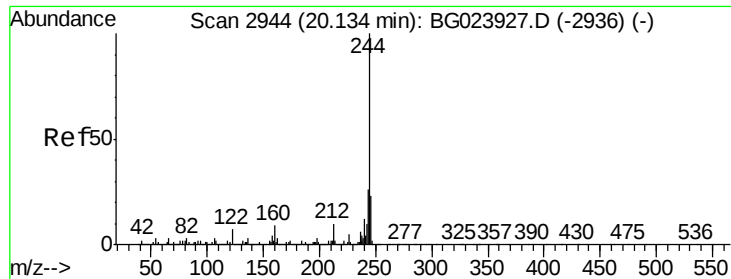
Tgt Ion:149 Resp: 73123
Ion Ratio Lower Upper
149 100
150 11.0 9.1 13.7
104 12.3 6.9 10.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.80 min Scan# 3227
Delta R.T. -0.01 min
Lab File: BG024007.D
Acq: 16 Sep 2016 23:48

Tgt Ion:240 Resp: 482093
Ion Ratio Lower Upper
240 100
120 6.4 4.1 6.1#
236 26.2 21.1 31.7





#78

Terphenyl-d14

Concen: 85.72 ng

RT: 20.11 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

Instrument :

BNA_G

ClientSampleId :

SB-6

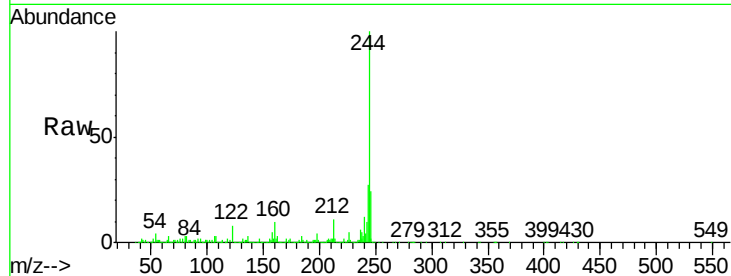
Tgt Ion:244 Resp: 1814538

Ion Ratio Lower Upper

244 100

212 11.3 10.8 16.2

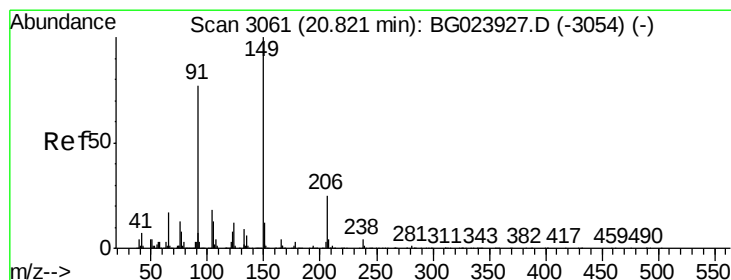
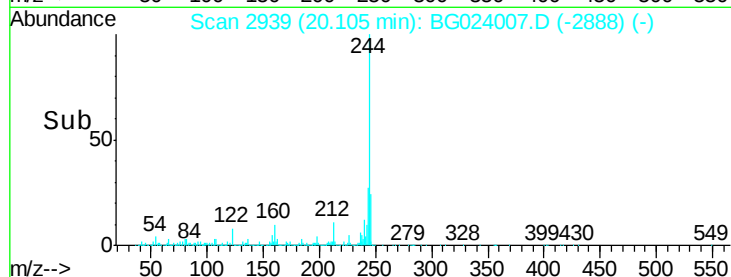
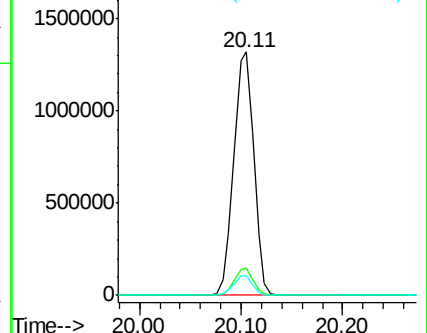
122 7.9 8.0 12.0#



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



#79

Butylbenzylphthalate

Concen: 8.51 ng

RT: 20.78 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BG024007.D

Acq: 16 Sep 2016 23:48

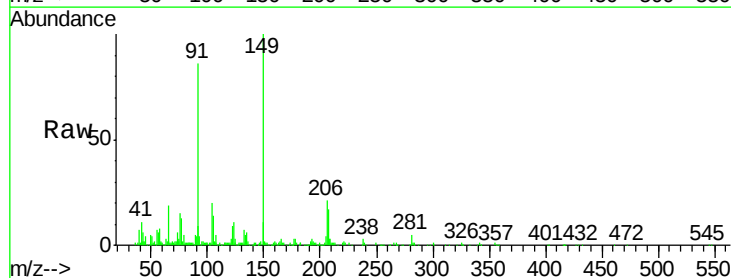
Tgt Ion:149 Resp: 97223

Ion Ratio Lower Upper

149 100

91 86.2 68.1 102.1

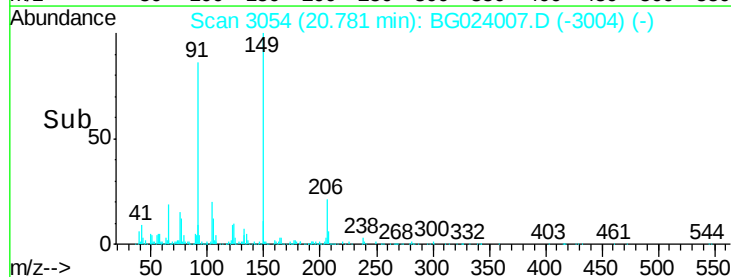
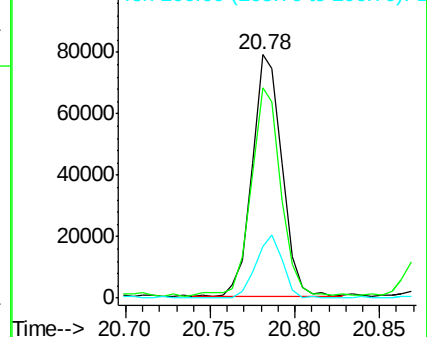
206 21.2 19.8 29.6

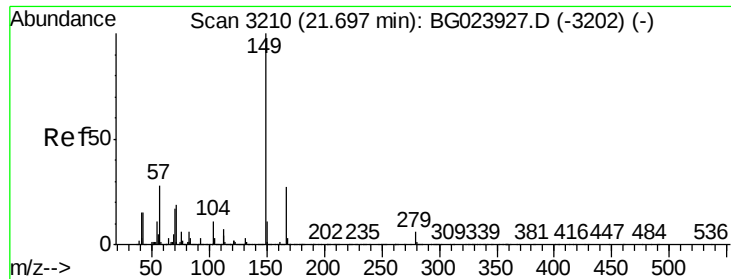


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

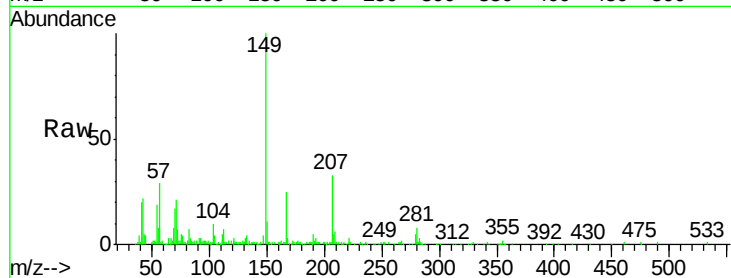




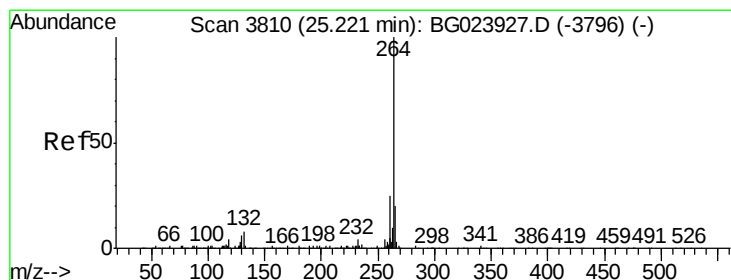
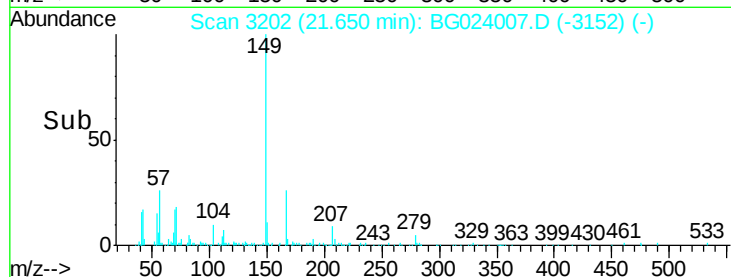
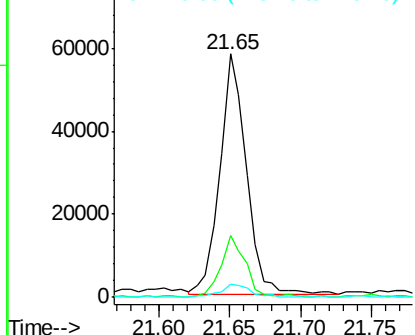
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.78 ng
 RT: 21.65 min Scan# 3202
 Delta R.T. -0.01 min
 Lab File: BG024007.D
 Acq: 16 Sep 2016 23:48

Instrument :
 BNA_G
 ClientSampleId :
 SB-6

Tgt Ion:149 Resp: 74753
 Ion Ratio Lower Upper
 149 100
 167 25.5 24.0 36.0
 279 5.5 4.8 7.2

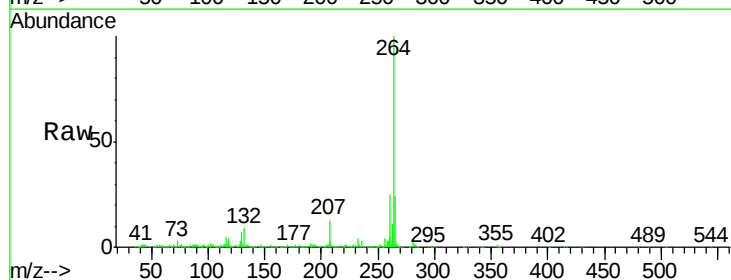


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.14 min Scan# 3796
 Delta R.T. -0.01 min
 Lab File: BG024007.D
 Acq: 16 Sep 2016 23:48

Tgt Ion:264 Resp: 484829
 Ion Ratio Lower Upper
 264 100
 260 25.5 18.4 27.6
 265 23.5 18.9 28.3



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

