

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092616\
 Data File : BG024143.D
 Acq On : 26 Sep 2016 15:25
 Operator : UM/SJ
 Sample : H4780-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WM-184(6-10)

Quant Time: Sep 27 00:55:44 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

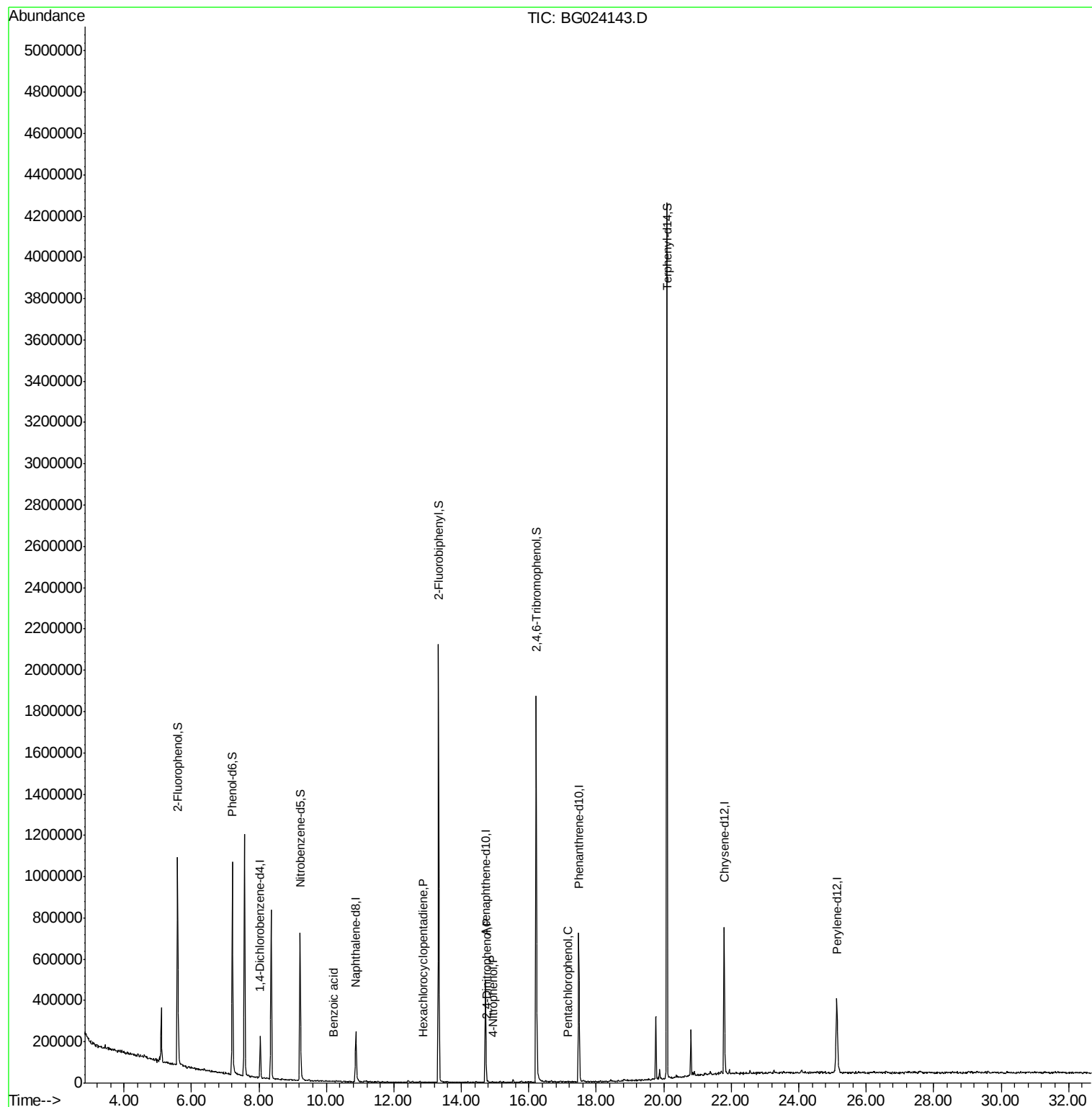
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48536	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	213917	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	181146	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	450190	20.00	ng	0.00
75) Chrysene-d12	21.79	240	455616	20.00	ng	0.00
86) Perylene-d12	25.13	264	436891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	430290	153.59	ng	0.00
7) Phenol-d6	7.21	99	614666	130.39	ng	0.00
23) Nitrobenzene-d5	9.22	82	504886	93.02	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	354502	136.15	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	1021892	94.83	ng	0.00
78) Terphenyl-d14	20.09	244	1748705	78.59	ng	0.00
Target Compounds						
32) Benzoic acid	10.20	122	69	2.18	ng	# 1
40) Hexachlorocyclopentadiene	12.86	237	56	3.61	ng	# 26
53) 2,4-Dinitrophenol	14.74	184	86	2.51	ng	# 46
55) 4-Nitrophenol	14.95	139	56	5.37	ng	# 1
69) Pentachlorophenol	17.16	266	136	3.61	ng	# 18

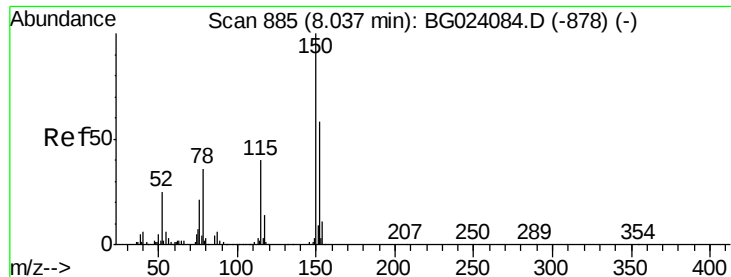
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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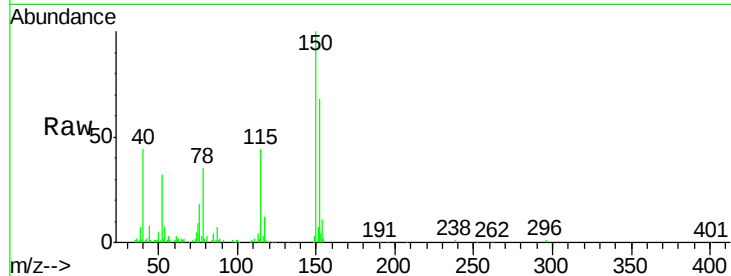


#1

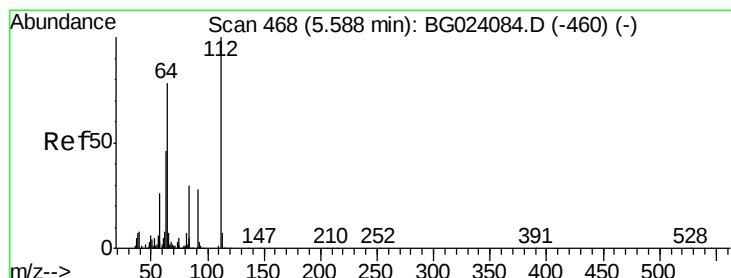
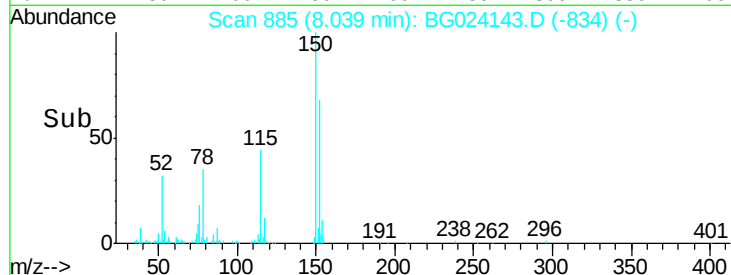
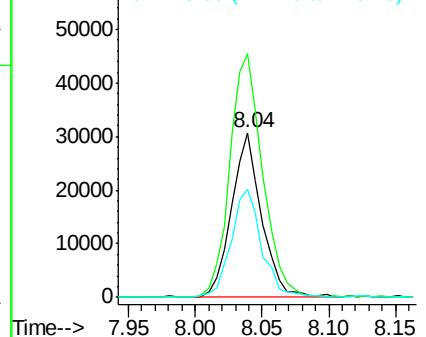
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. 0.00 min
Lab File: BG024143.D
Acq: 26 Sep 2016 15:25

Instrument :
BNA_G
ClientSampleId :
WM-184(6-10)

Tgt Ion:152 Resp: 48536
Ion Ratio Lower Upper
152 100
150 147.9 144.7 217.1
115 65.4 64.0 96.0



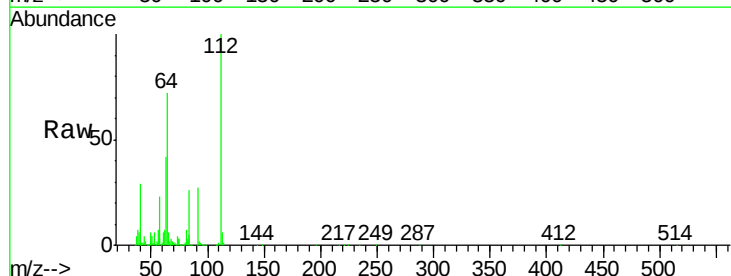
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



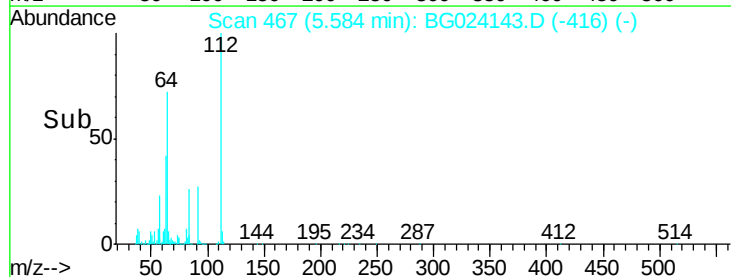
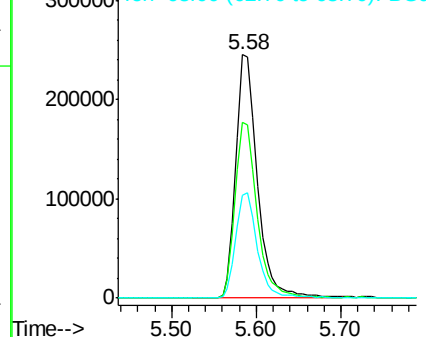
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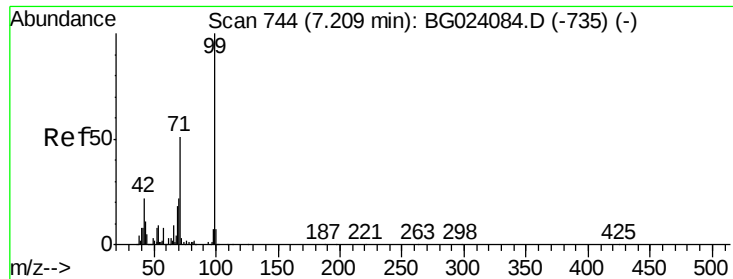
2-Fluorophenol
Concen: 153.59 ng
RT: 5.58 min Scan# 467
Delta R.T. -0.00 min
Lab File: BG024143.D
Acq: 26 Sep 2016 15:25

Tgt Ion:112 Resp: 430290
Ion Ratio Lower Upper
112 100
64 72.2 59.0 88.4
63 42.3 37.8 56.8



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: 130.39 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024143.D

Acq: 26 Sep 2016 15:25

Instrument :

BNA_G

ClientSampleId :

WM-184(6-10)

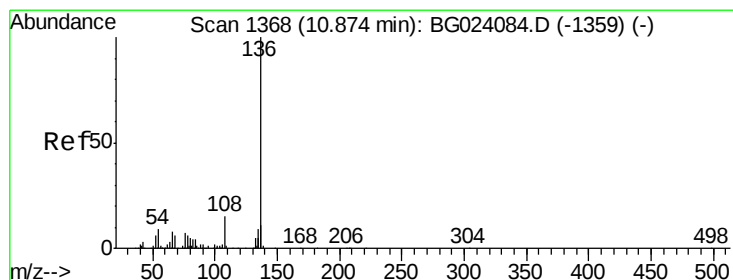
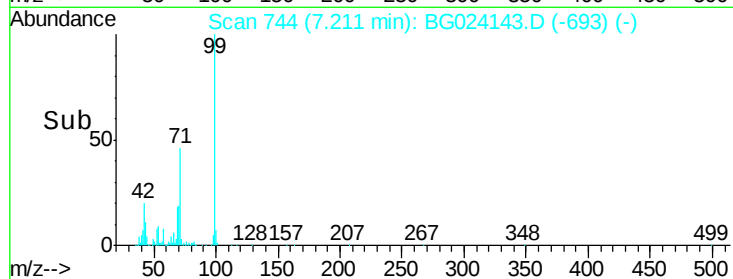
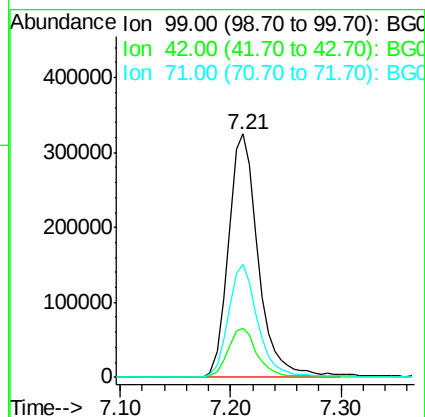
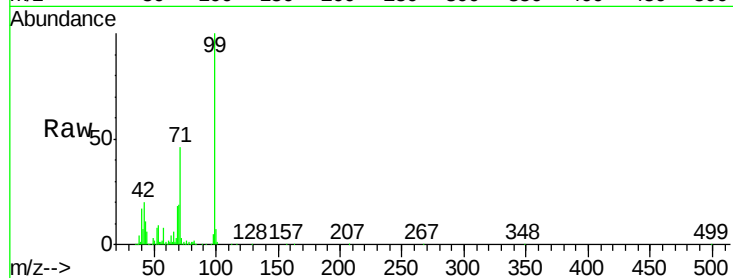
Tgt Ion: 99 Resp: 614666

Ion Ratio Lower Upper

99 100

42 20.3 17.8 26.6

71 46.3 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BG024143.D

Acq: 26 Sep 2016 15:25

Tgt Ion: 136 Resp: 213917

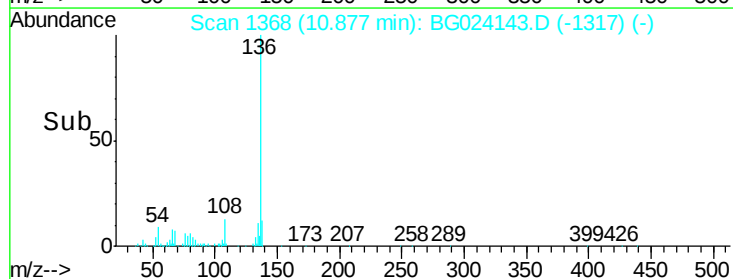
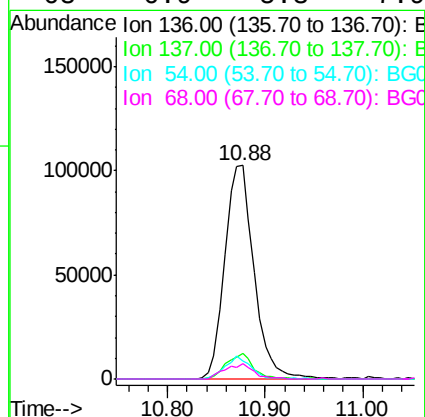
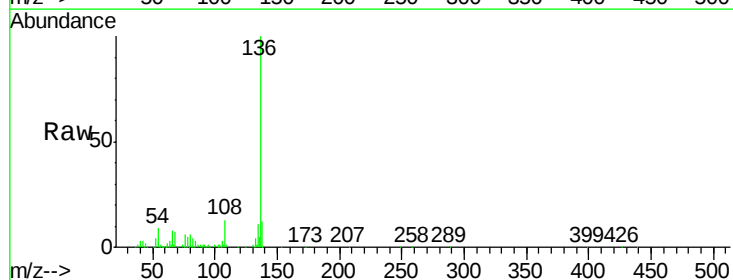
Ion Ratio Lower Upper

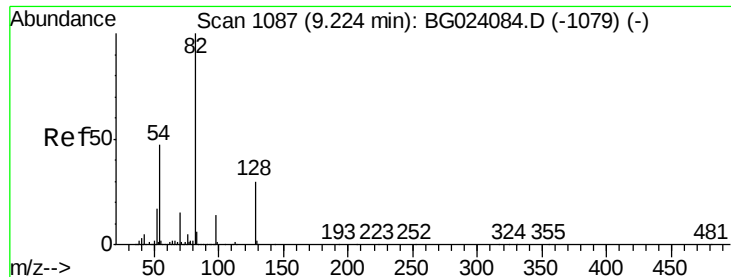
136 100

137 11.8 9.6 14.4

54 8.6 7.3 10.9

68 6.9 5.3 7.9

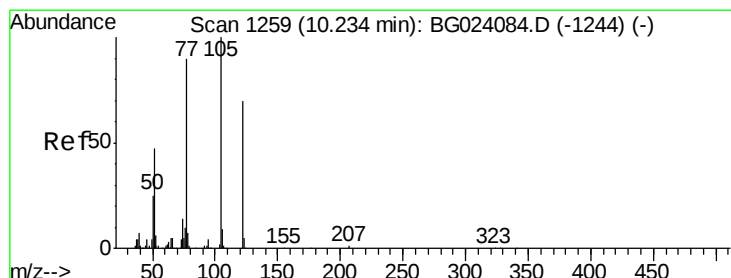
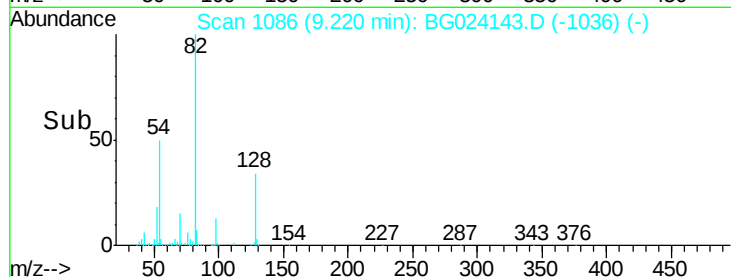
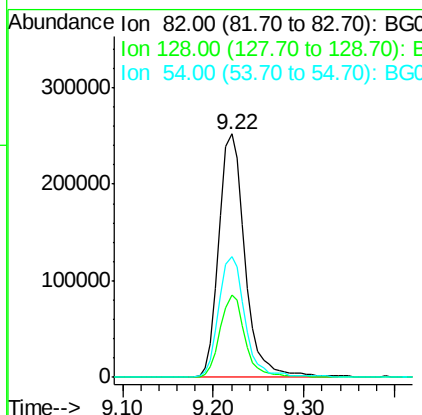
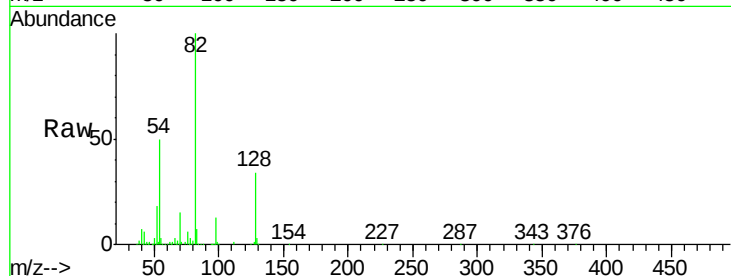




#23
 Nitrobenzene-d5
 Concen: 93.02 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BG024143.D
 Acq: 26 Sep 2016 15:25

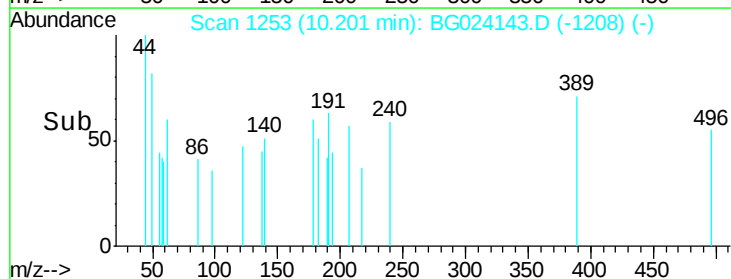
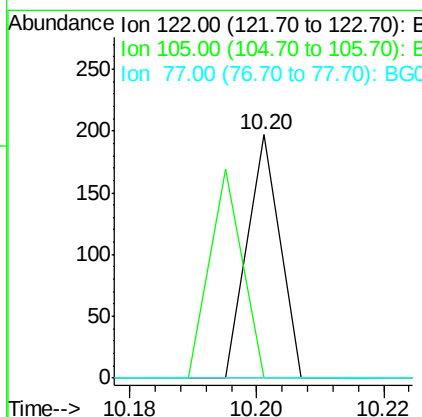
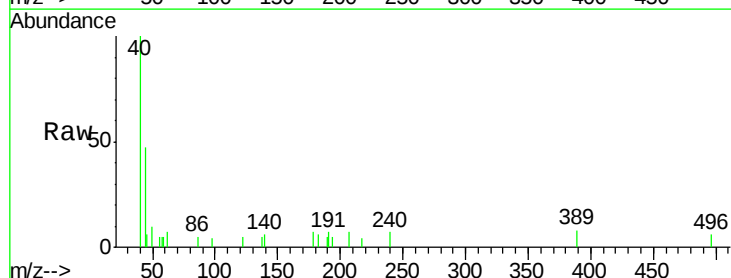
Instrument :
 BNA_G
 ClientSampleId :
 WM-184(6-10)

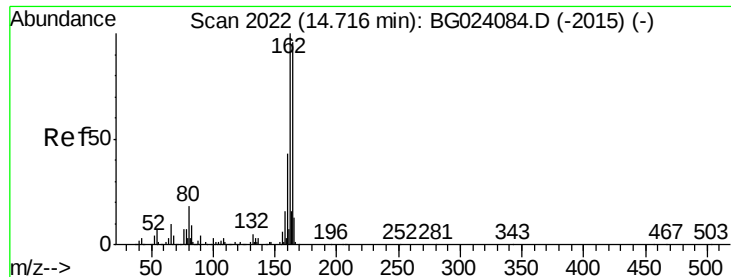
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.8	24.4	36.6
54	49.8	41.4	62.0



#32
 Benzoic acid
 Concen: 2.18 ng
 RT: 10.20 min Scan# 1253
 Delta R.T. -0.03 min
 Lab File: BG024143.D
 Acq: 26 Sep 2016 15:25

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BG024143.D

Acq: 26 Sep 2016 15:25

Instrument :

BNA_G

ClientSampleId :

WM-184(6-10)

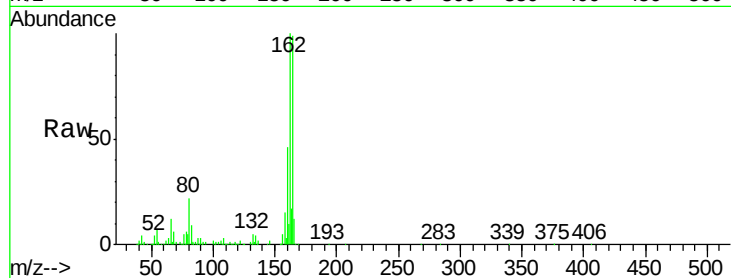
Tgt Ion:164 Resp: 181146

Ion Ratio Lower Upper

164 100

162 100.6 87.7 131.5

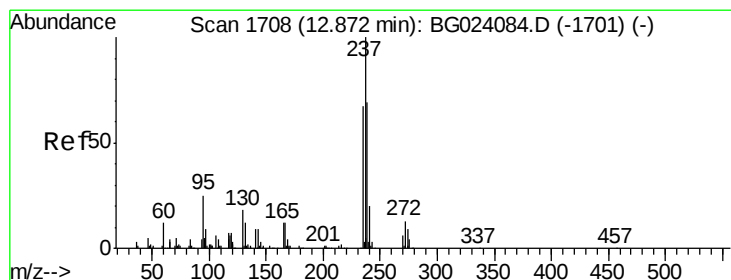
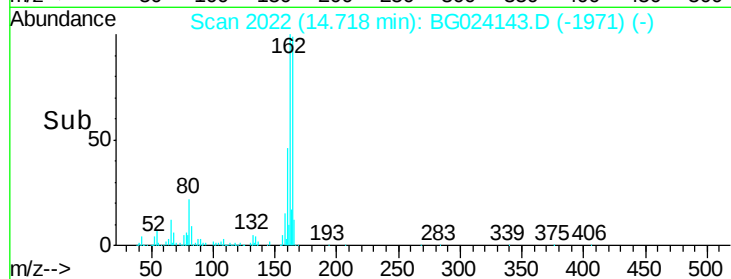
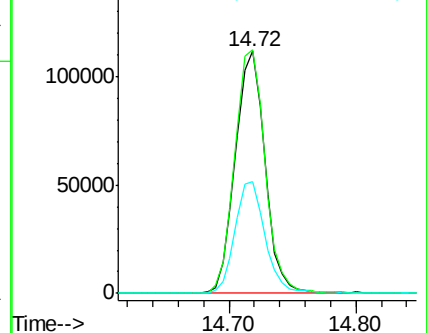
160 46.0 37.2 55.8



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: 3.61 ng

RT: 12.86 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BG024143.D

Acq: 26 Sep 2016 15:25

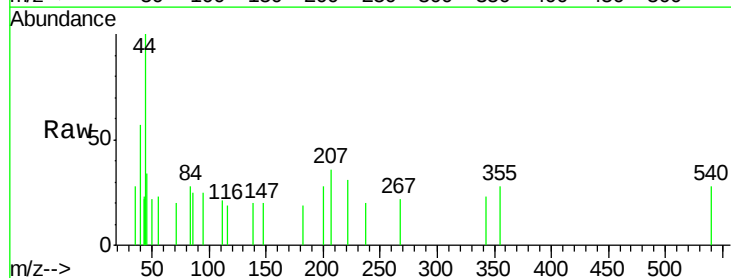
Tgt Ion:237 Resp: 56

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

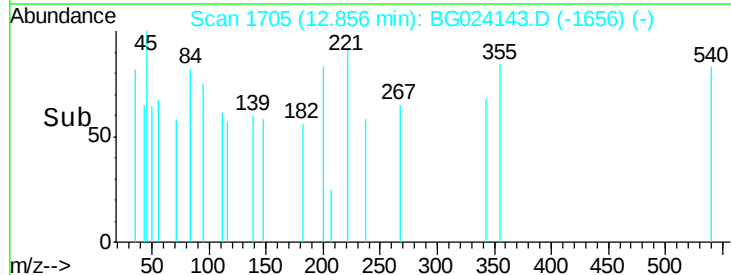
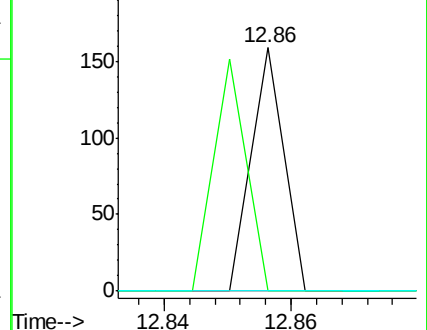
272 0.0 0.0 30.9

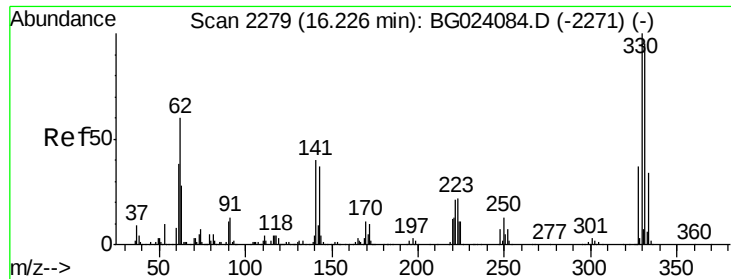


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

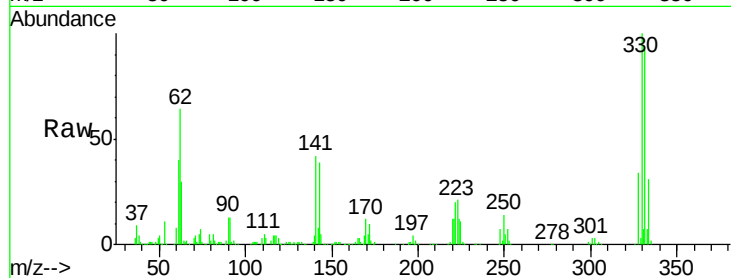




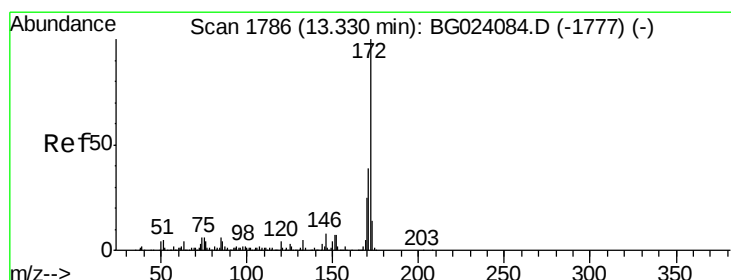
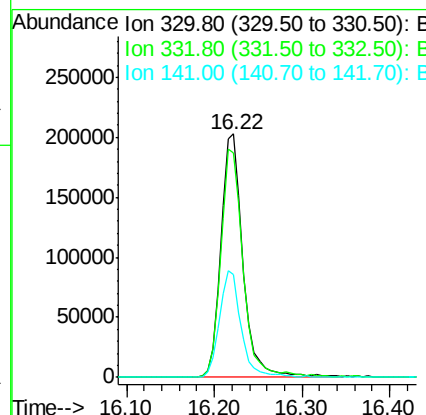
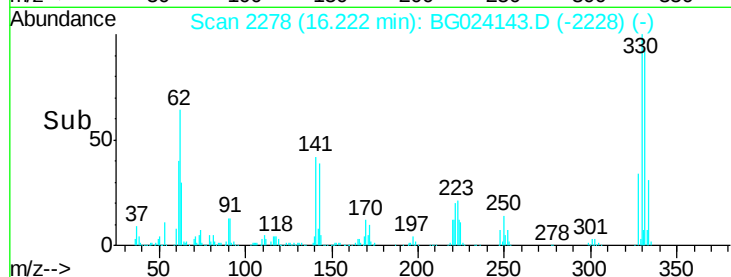
#41
 2,4,6-Tribromophenol
 Concen: 136.15 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BG024143.D
 Acq: 26 Sep 2016 15:25

Instrument :
 BNA_G
 ClientSampleId :
 WM-184(6-10)

Tgt Ion:330 Resp: 354502
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.4 116.2
 141 42.8 31.7 47.5

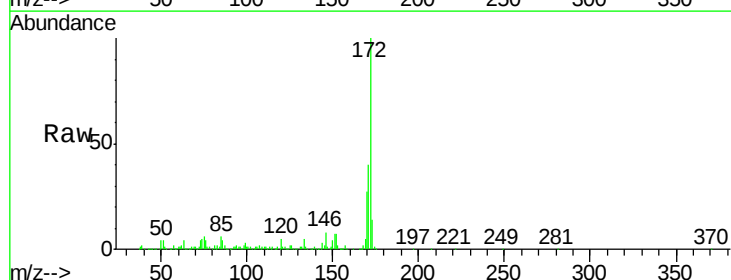


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

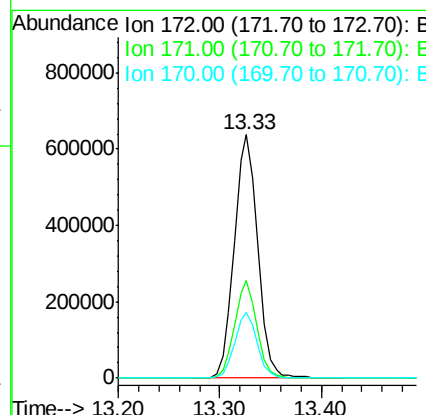
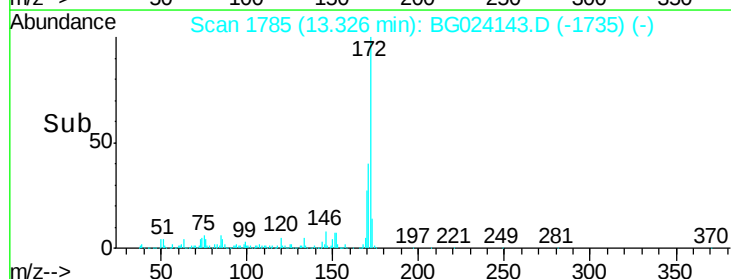


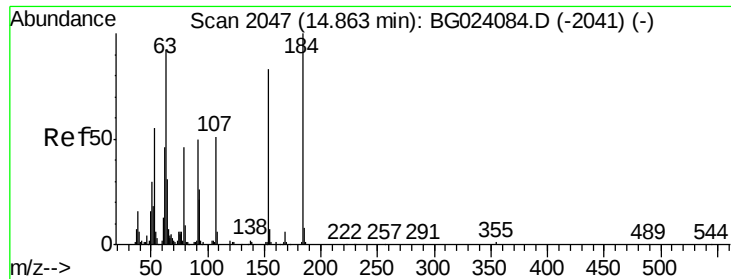
#44
 2-Fluorobiphenyl
 Concen: 94.83 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BG024143.D
 Acq: 26 Sep 2016 15:25

Tgt Ion:172 Resp: 1021892
 Ion Ratio Lower Upper
 172 100
 171 39.9 31.6 47.4
 170 27.0 21.3 31.9



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

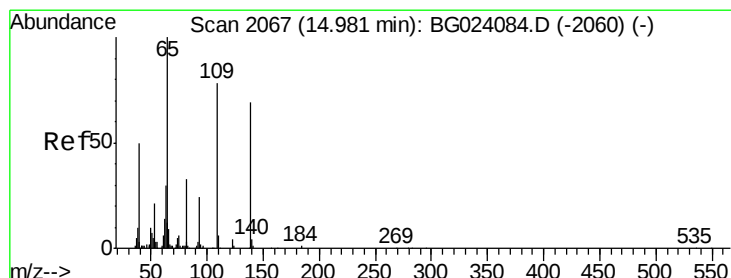
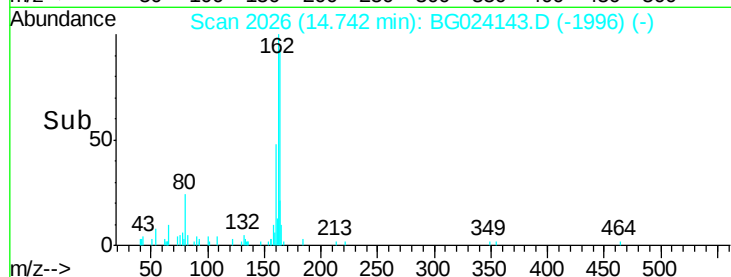
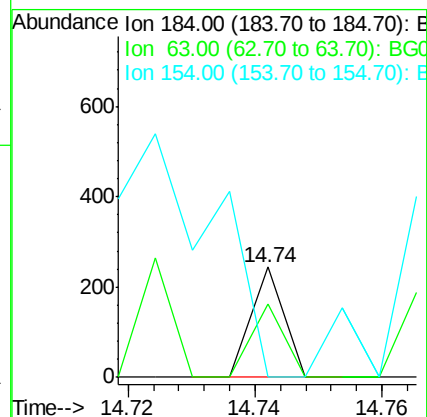
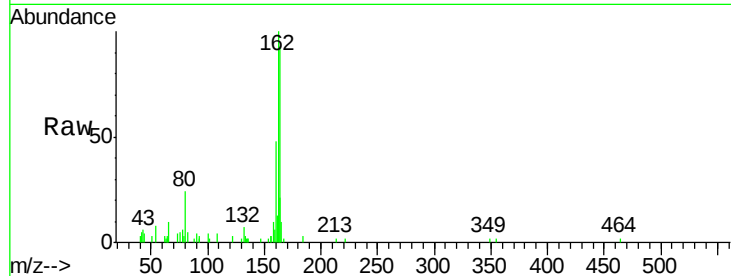




#53
2,4-Dinitrophenol
Concen: 2.51 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.12 min
Lab File: BG024143.D
Acq: 26 Sep 2016 15:25

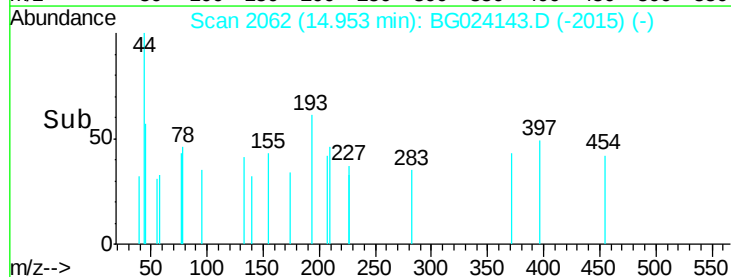
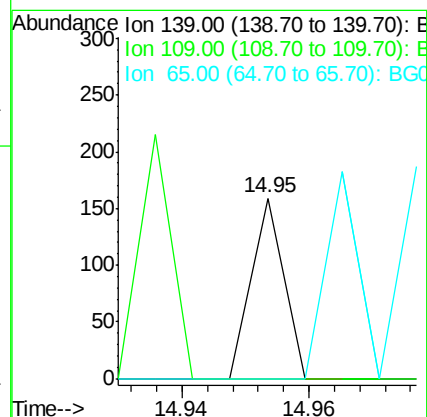
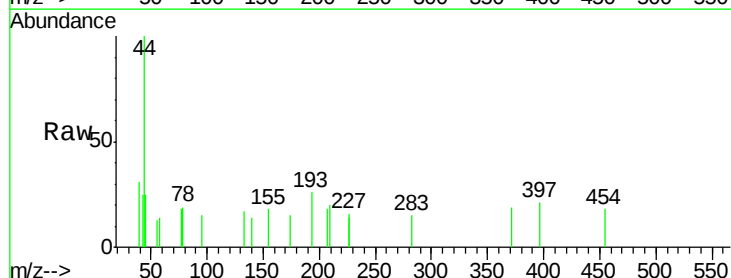
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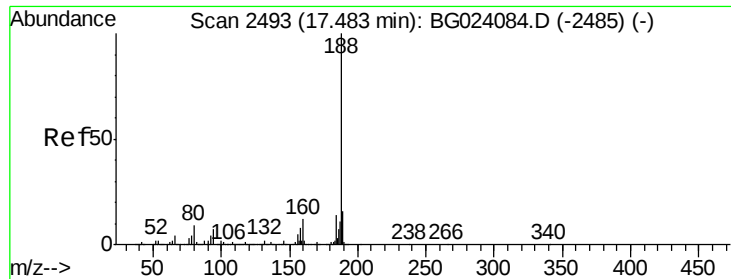
Tgt Ion:184 Resp: 86
Ion Ratio Lower Upper
184 100
63 66.4 59.6 89.4
154 0.0 67.4 101.0#



#55
4-Nitrophenol
Concen: 5.37 ng
RT: 14.95 min Scan# 2062
Delta R.T. -0.03 min
Lab File: BG024143.D
Acq: 26 Sep 2016 15:25

Tgt Ion:139 Resp: 56
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 0.0 112.7 152.7#

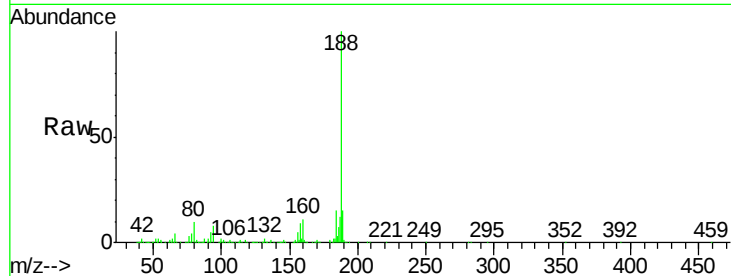




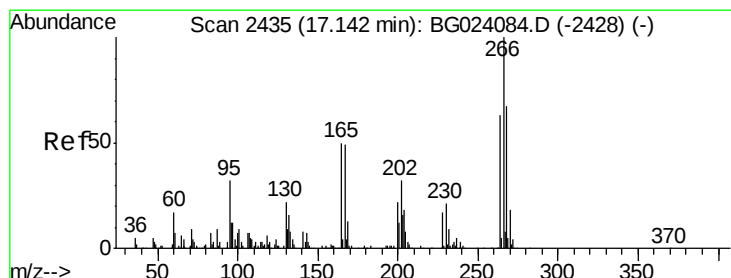
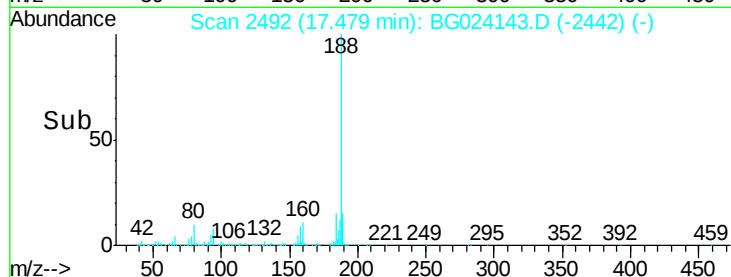
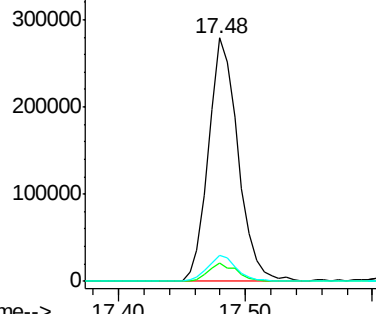
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BG024143.D
Acq: 26 Sep 2016 15:25

Instrument :
BNA_G
ClientSampleId :
WM-184(6-10)

Tgt Ion:188 Resp: 450190
Ion Ratio Lower Upper
188 100
94 7.7 5.2 7.8
80 10.5 7.2 10.8

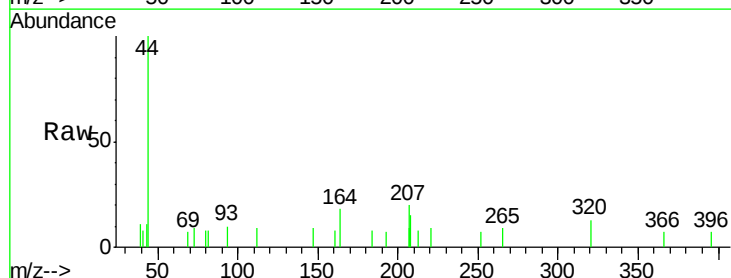


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

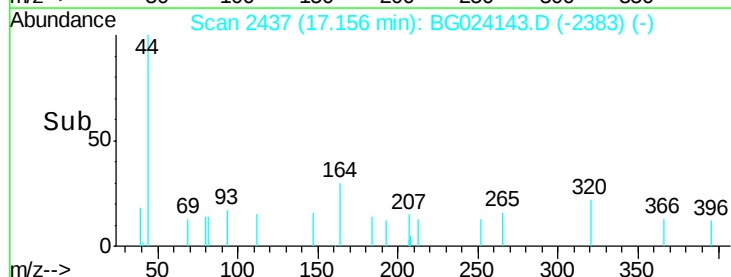
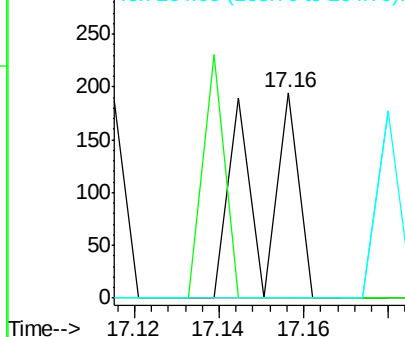


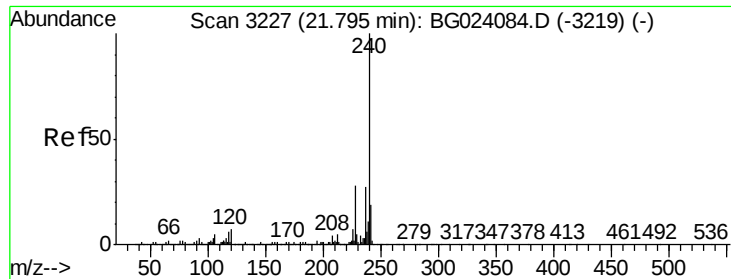
#69
Pentachlorophenol
Concen: 3.61 ng
RT: 17.16 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BG024143.D
Acq: 26 Sep 2016 15:25

Tgt Ion:266 Resp: 136
Ion Ratio Lower Upper
266 100
268 0.0 51.9 77.9#
264 0.0 50.6 75.8#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.00 min

Lab File: BG024143.D

Acq: 26 Sep 2016 15:25

Instrument :

BNA_G

ClientSampleId :

WM-184(6-10)

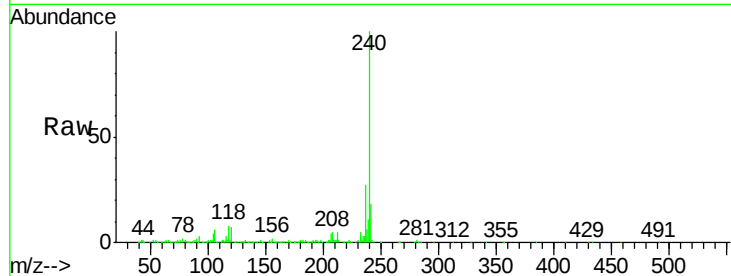
Tgt Ion:240 Resp: 455616

Ion Ratio Lower Upper

240 100

120 6.8 4.1 6.1#

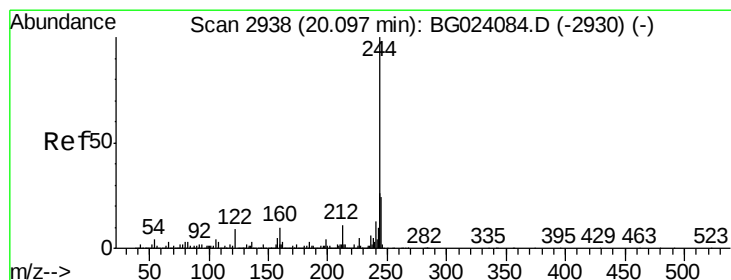
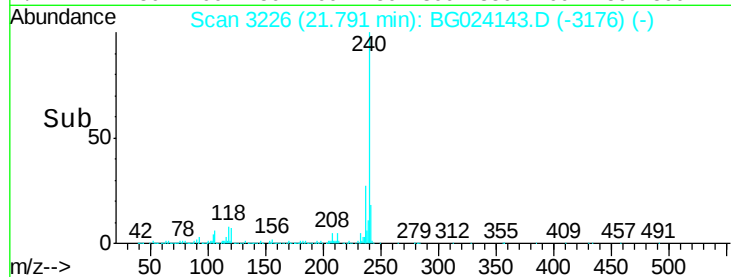
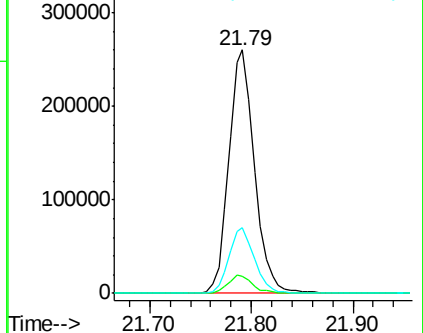
236 27.2 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 78.59 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BG024143.D

Acq: 26 Sep 2016 15:25

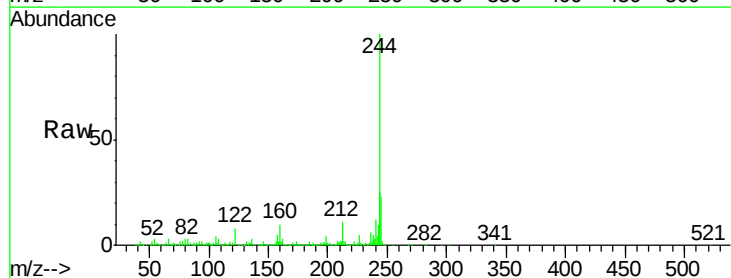
Tgt Ion:244 Resp: 1748705

Ion Ratio Lower Upper

244 100

212 10.7 10.8 16.2#

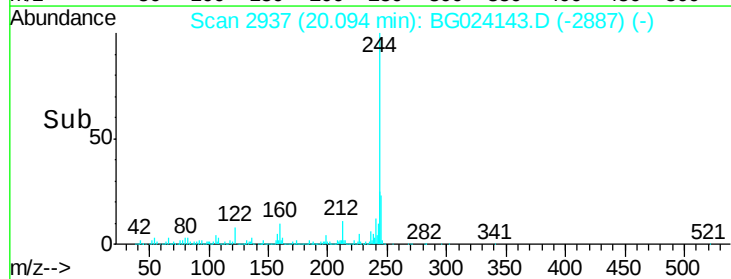
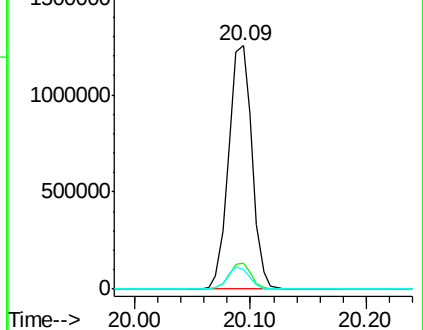
122 8.2 8.0 12.0

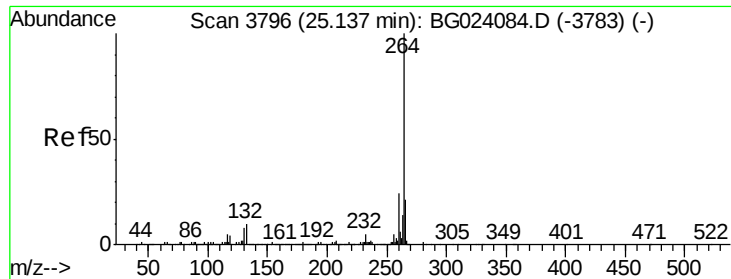


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

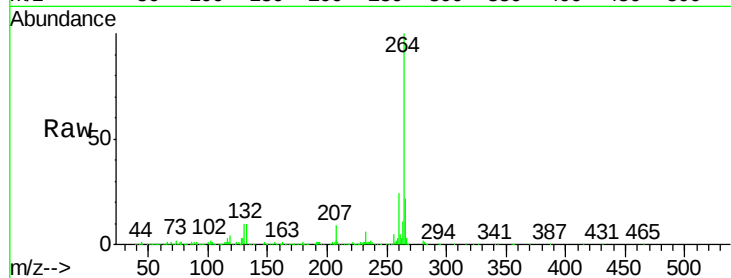




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG024143.D
Acq: 26 Sep 2016 15:25

Instrument :
BNA_G
ClientSampleId :
WM-184(6-10)

Tgt Ion:	264	Resp:	436891
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	21.7	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

