

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024117.D
 Acq On : 24 Sep 2016 10:06
 Operator : UM/SJ
 Sample : H4902-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-01-092116

Quant Time: Sep 26 00:49:23 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

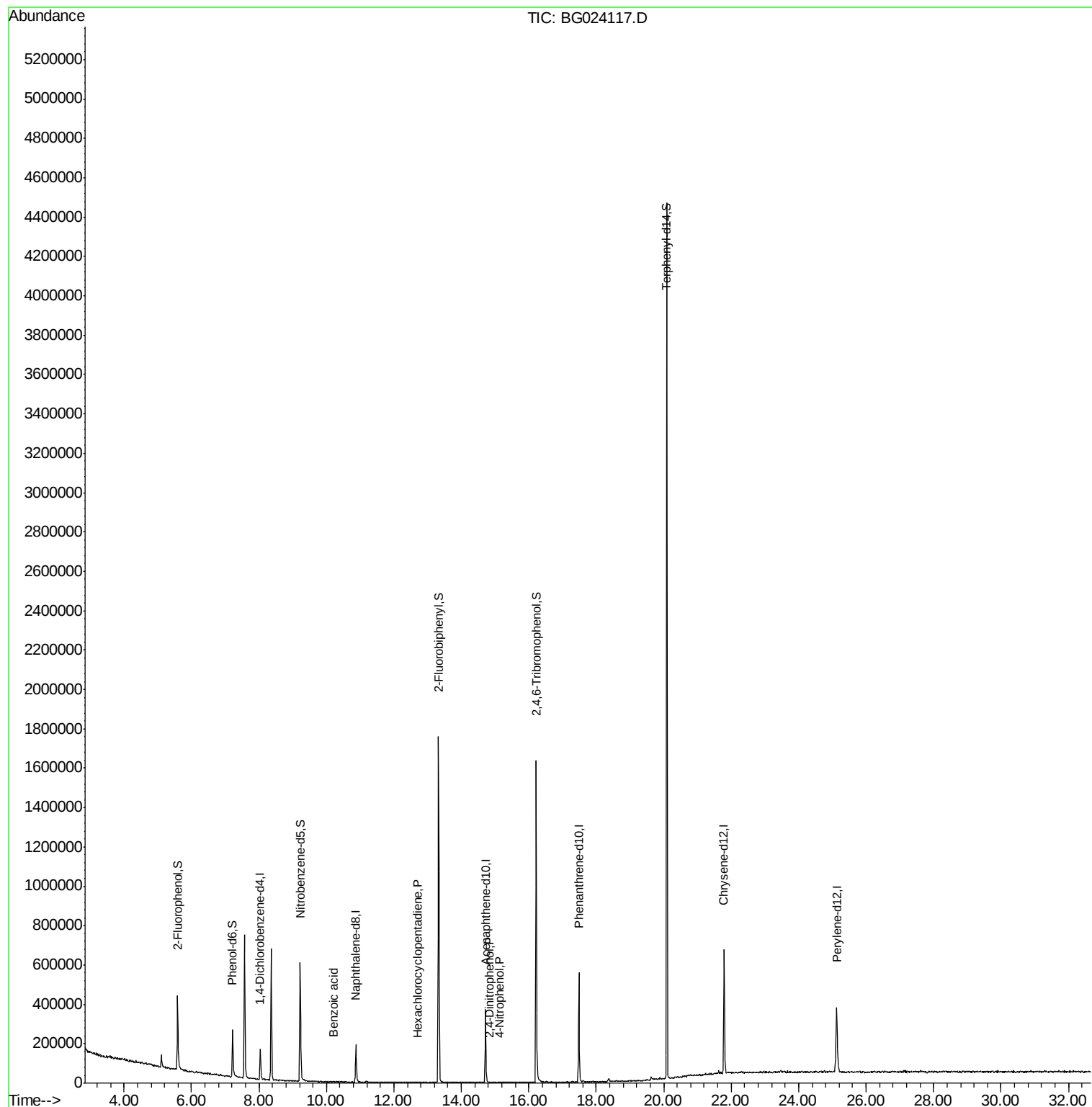
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38649	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	169592	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	140812	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	338763	20.00	ng	0.00
75) Chrysene-d12	21.79	240	401725	20.00	ng	0.00
86) Perylene-d12	25.13	264	381537	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	164935	73.93	ng	0.00
7) Phenol-d6	7.21	99	149142	39.73	ng	0.00
23) Nitrobenzene-d5	9.22	82	416084	96.70	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	291749	144.14	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	858011	102.43	ng	0.00
78) Terphenyl-d14	20.09	244	1726587	88.01	ng	0.00
Target Compounds						
32) Benzoic acid	10.22	122	67	2.19	ng	# 1
40) Hexachlorocyclopentadiene	12.71	237	67	3.63	ng	# 26
53) 2,4-Dinitrophenol	14.84	184	81	2.52	ng	# 36
55) 4-Nitrophenol	15.13	139	75	5.38	ng	# 1

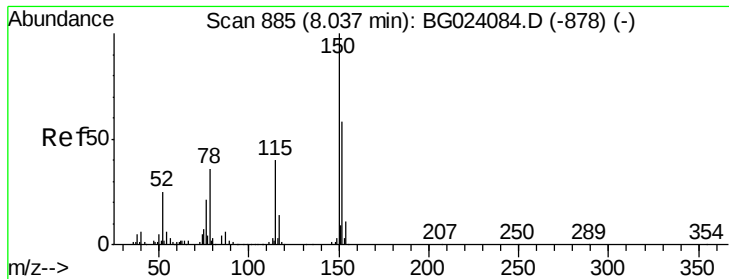
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. 0.01 min

Lab File: BG024117.D

Acq: 24 Sep 2016 10:06

Instrument :

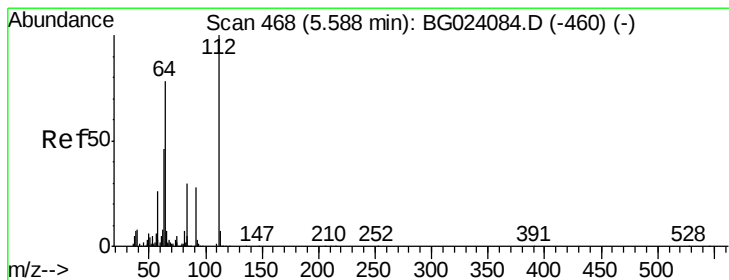
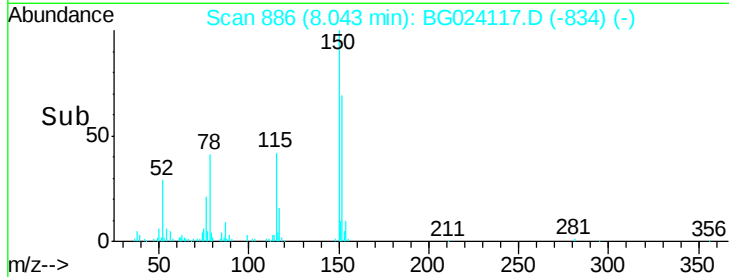
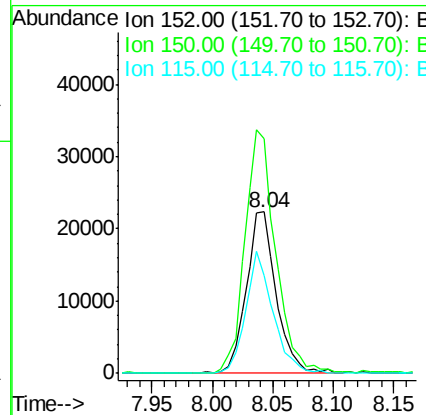
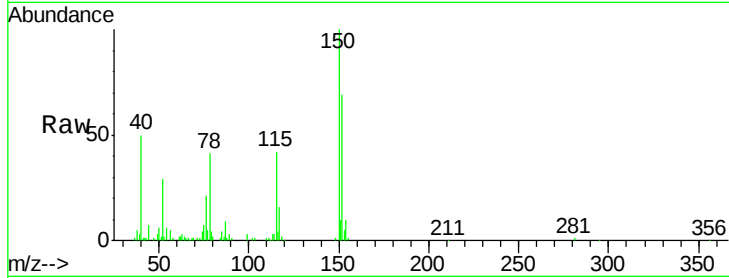
BNA_G

ClientSampleId :

EB-01-092116

Tgt Ion:152 Resp: 38649

Ion	Ratio	Lower	Upper
152	100		
150	145.3	144.7	217.1
115	60.5	64.0	96.0#



#5

2-Fluorophenol

Concen: 73.93 ng

RT: 5.59 min Scan# 468

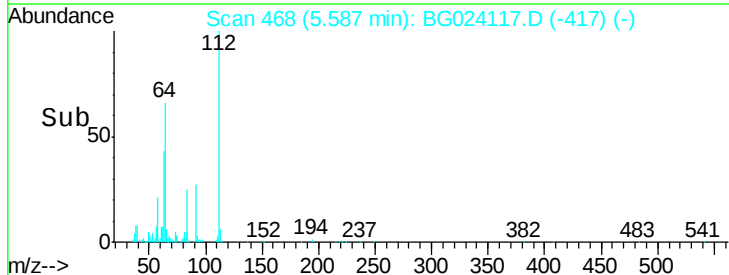
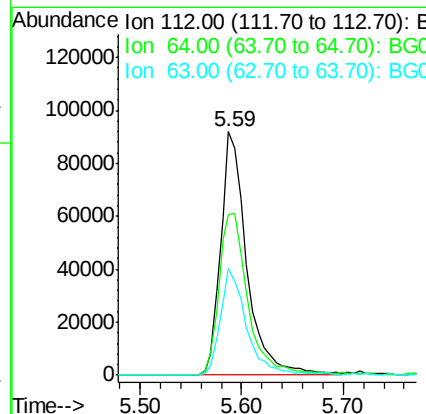
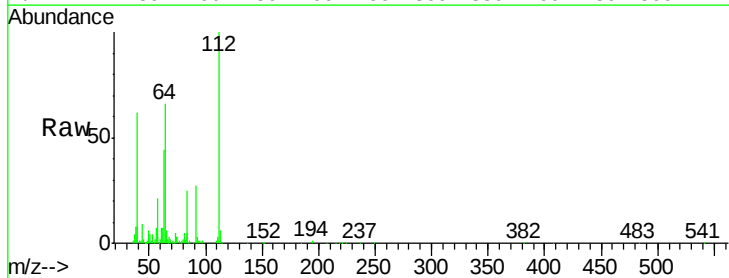
Delta R.T. 0.00 min

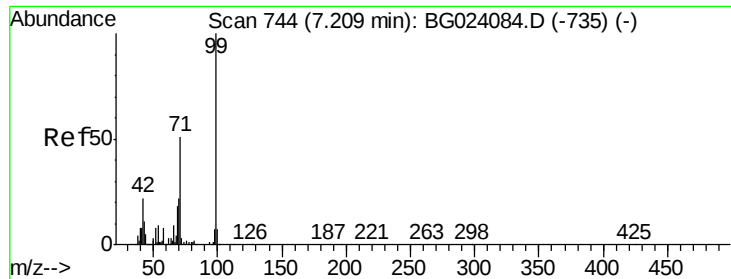
Lab File: BG024117.D

Acq: 24 Sep 2016 10:06

Tgt Ion:112 Resp: 164935

Ion	Ratio	Lower	Upper
112	100		
64	65.9	59.0	88.4
63	43.6	37.8	56.8





#7

Phenol-d6

Concen: 39.73 ng

RT: 7.21 min Scan# 745

Delta R.T. 0.01 min

Lab File: BG024117.D

Acq: 24 Sep 2016 10:06

Instrument :

BNA_G

ClientSampleId :

EB-01-092116

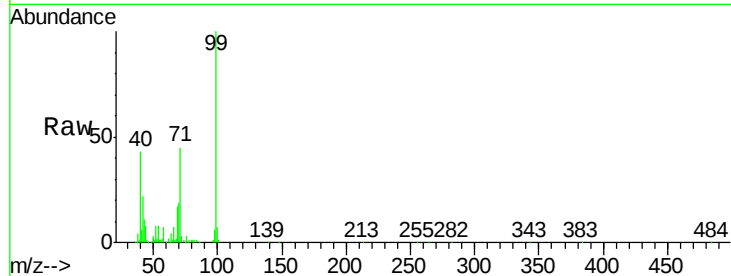
Tgt Ion: 99 Resp: 149142

Ion Ratio Lower Upper

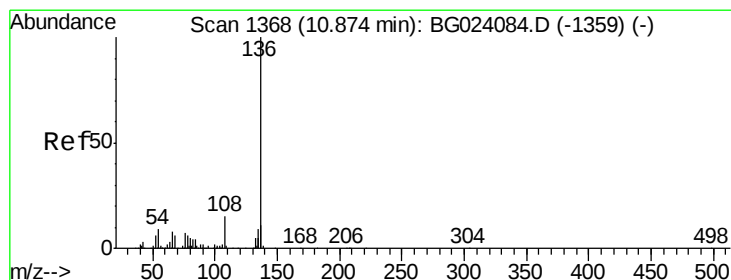
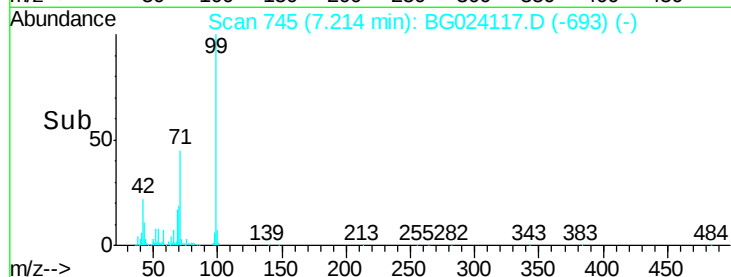
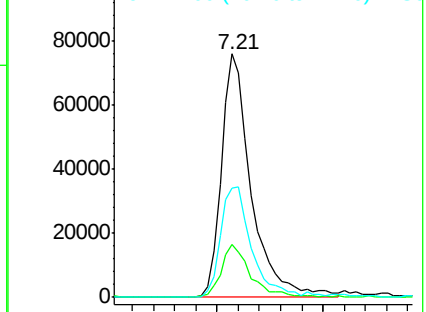
99 100

42 21.9 17.8 26.6

71 44.6 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.87 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BG024117.D

Acq: 24 Sep 2016 10:06

Tgt Ion: 136 Resp: 169592

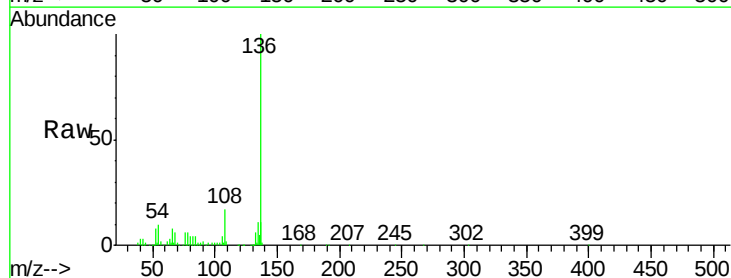
Ion Ratio Lower Upper

136 100

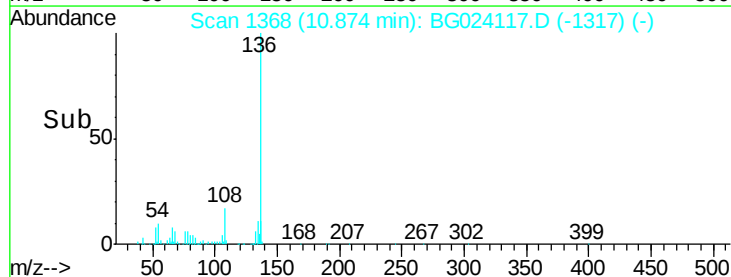
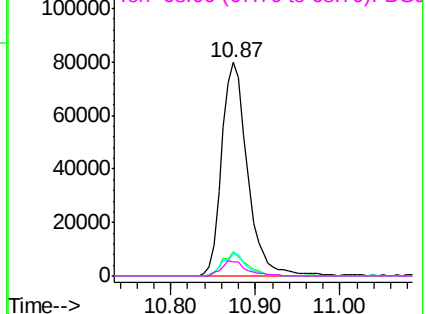
137 11.1 9.6 14.4

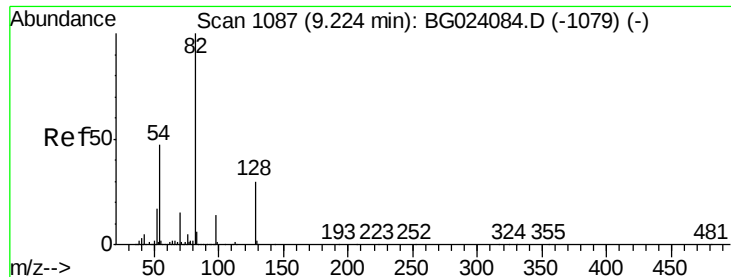
54 10.1 7.3 10.9

68 6.4 5.3 7.9



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

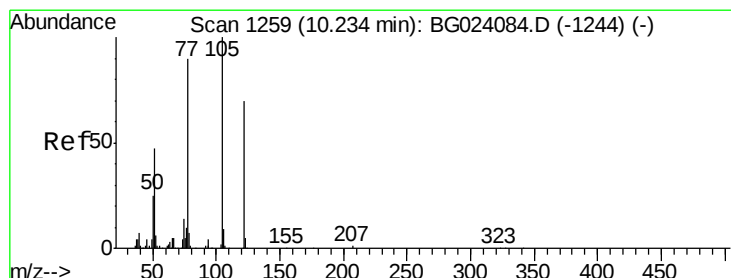
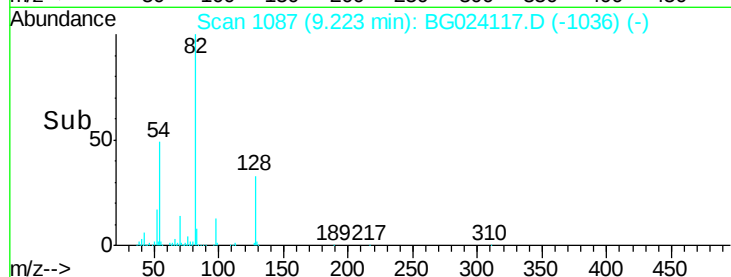
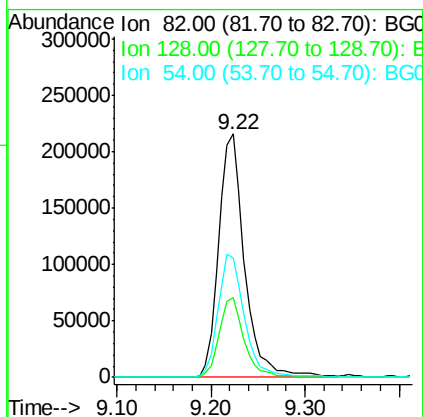
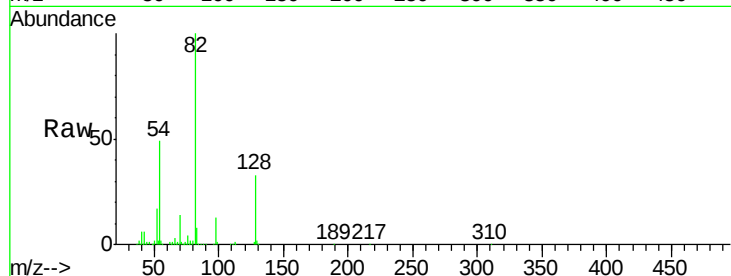




#23
 Nitrobenzene-d5
 Concen: 96.70 ng
 RT: 9.22 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BG024117.D
 Acq: 24 Sep 2016 10:06

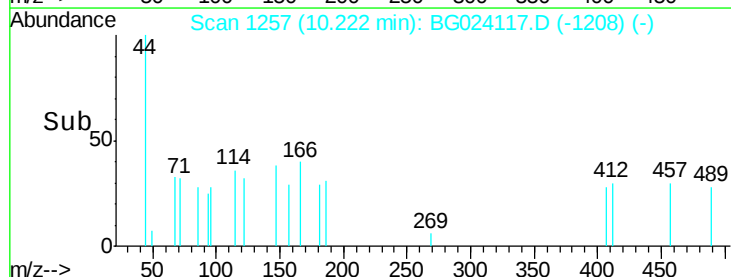
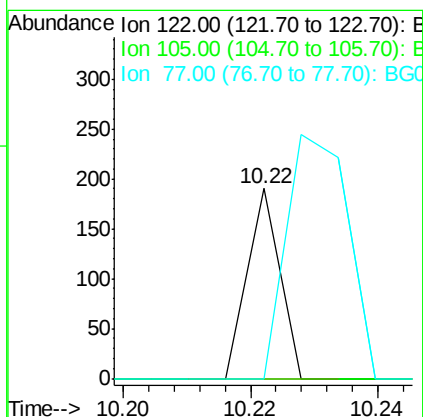
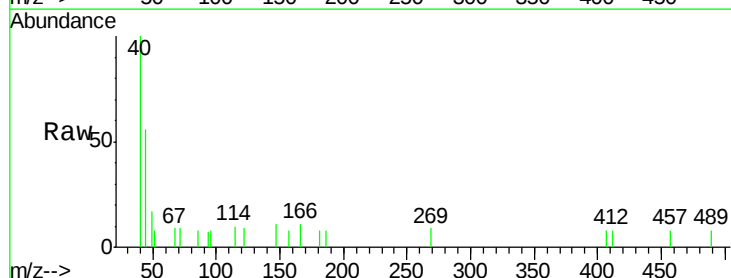
Instrument :
 BNA_G
 ClientSampleId :
 EB-01-092116

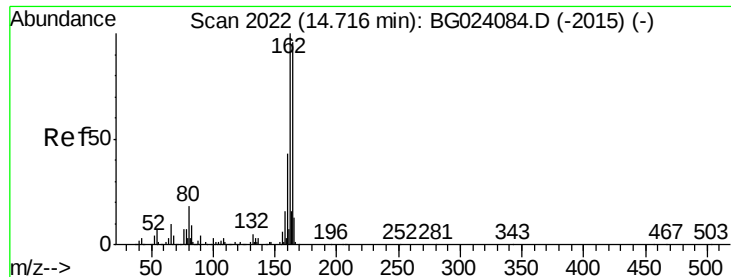
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.7	24.4	36.6
54	49.2	41.4	62.0



#32
 Benzoic acid
 Concen: 2.19 ng
 RT: 10.22 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG024117.D
 Acq: 24 Sep 2016 10:06

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: BG024117.D

Acq: 24 Sep 2016 10:06

Instrument :

BNA_G

ClientSampleId :

EB-01-092116

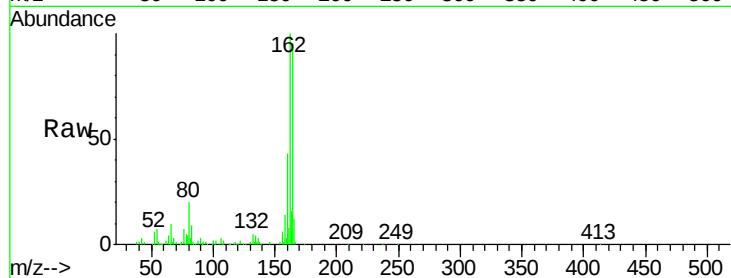
Tgt Ion:164 Resp: 140812

Ion Ratio Lower Upper

164 100

162 104.9 87.7 131.5

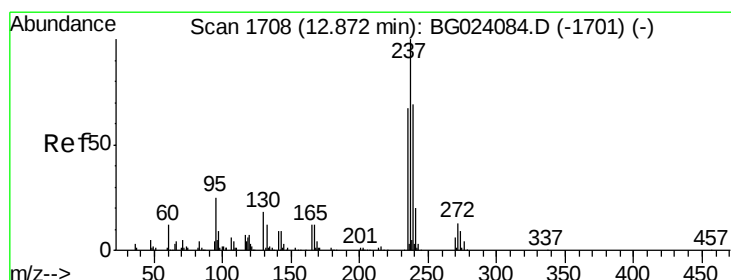
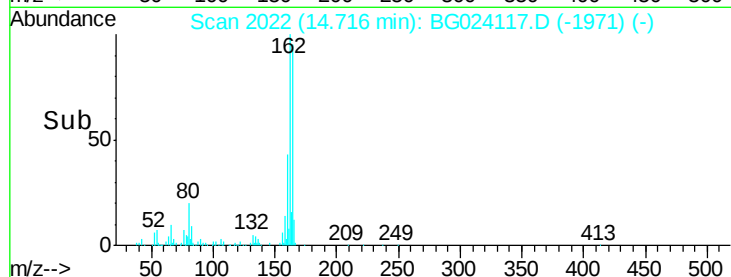
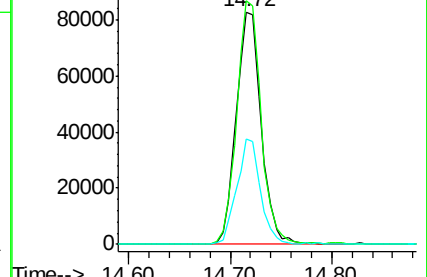
160 45.3 37.2 55.8



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: 3.63 ng

RT: 12.71 min Scan# 1680

Delta R.T. -0.16 min

Lab File: BG024117.D

Acq: 24 Sep 2016 10:06

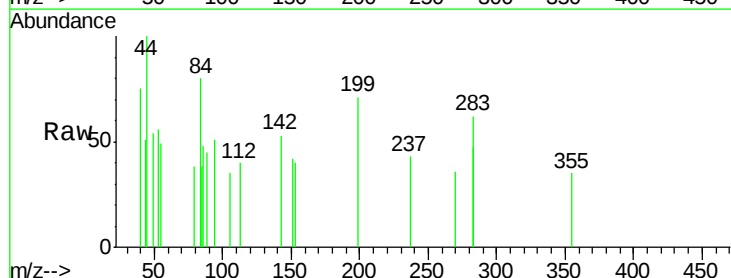
Tgt Ion:237 Resp: 67

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

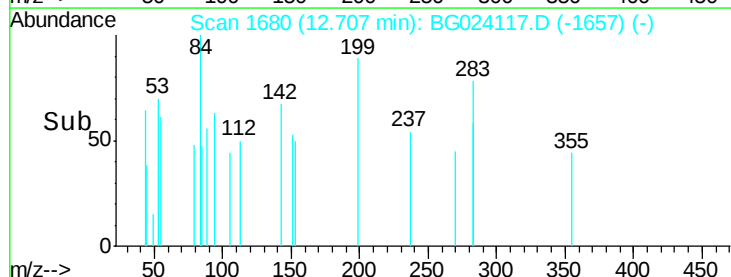
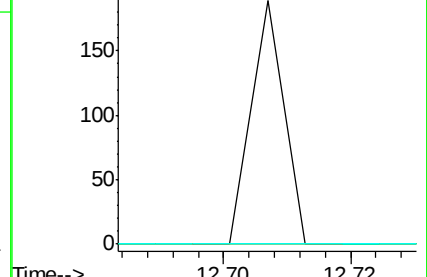
272 0.0 0.0 30.9

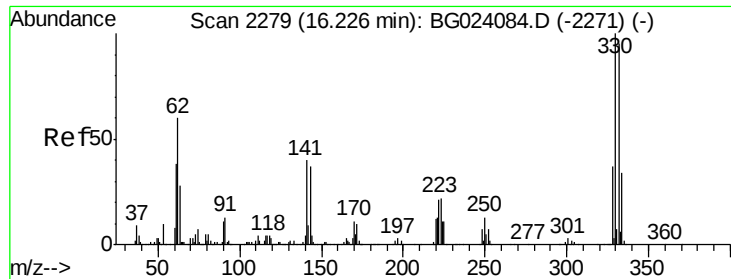


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

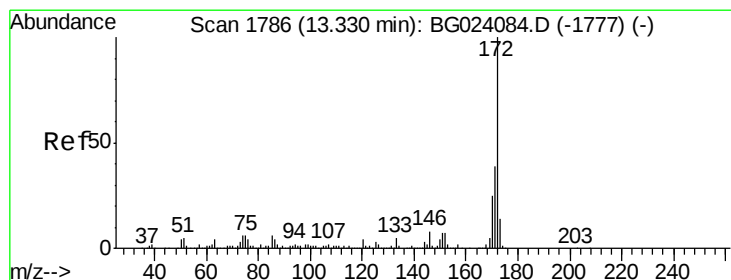
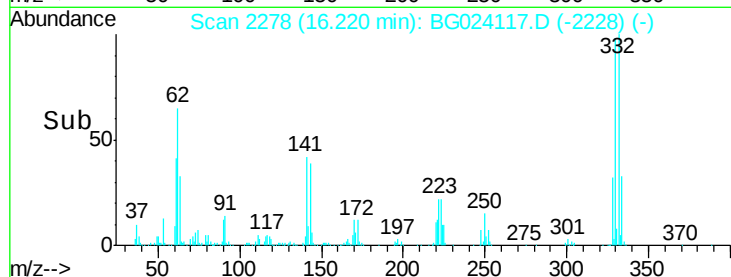
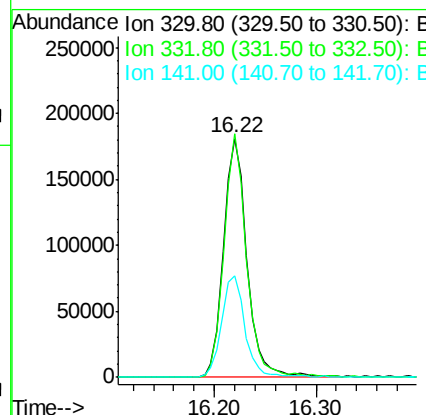
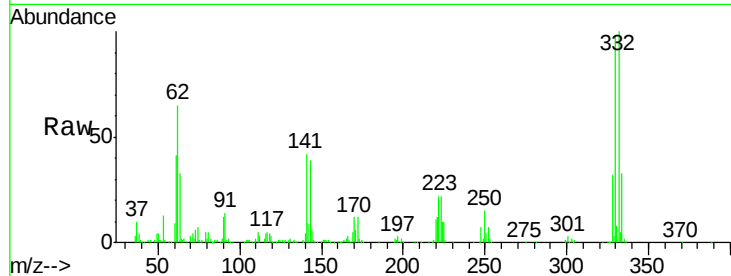




#41
 2,4,6-Tribromophenol
 Concen: 144.14 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024117.D
 Acq: 24 Sep 2016 10:06

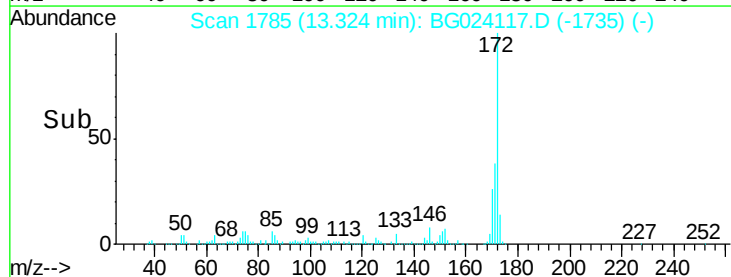
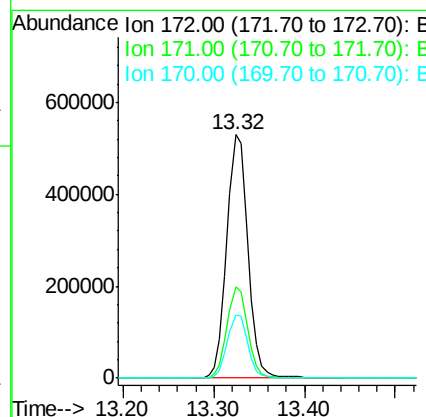
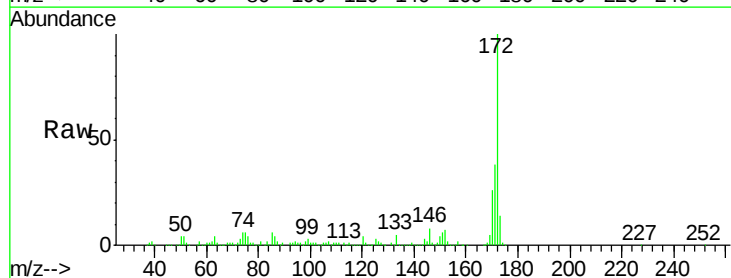
Instrument :
 BNA_G
 ClientSampleId :
 EB-01-092116

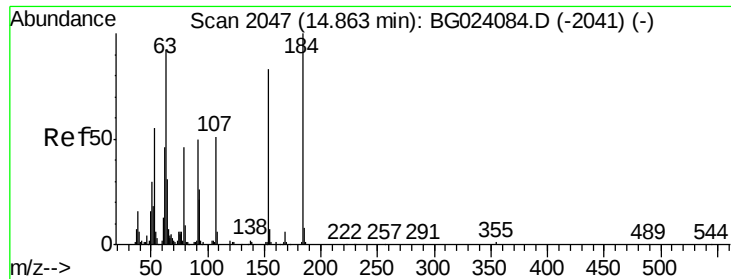
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.4	116.2
141	42.9	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 102.43 ng
 RT: 13.32 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG024117.D
 Acq: 24 Sep 2016 10:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.6	47.4
170	26.1	21.3	31.9

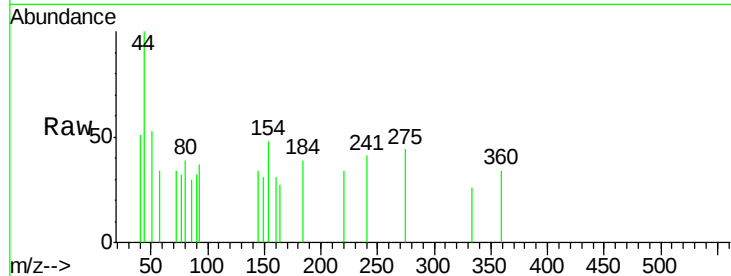




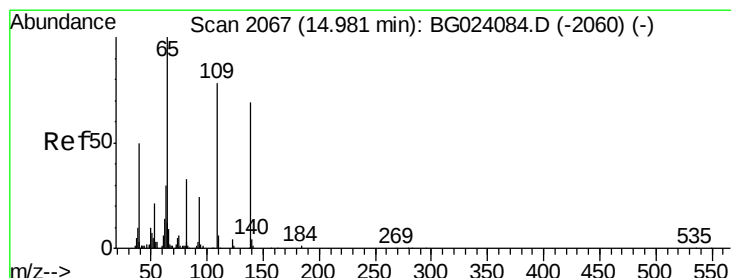
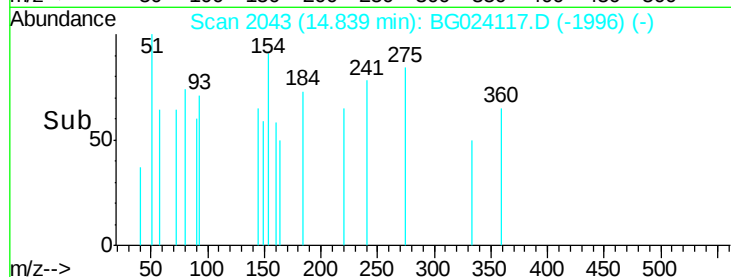
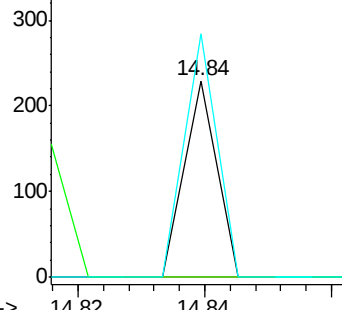
#53
2,4-Dinitrophenol
Concen: 2.52 ng
RT: 14.84 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG024117.D
Acq: 24 Sep 2016 10:06

Instrument :
BNA_G
ClientSampleId :
EB-01-092116

Tgt Ion:184 Resp: 81
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 124.0 67.4 101.0#

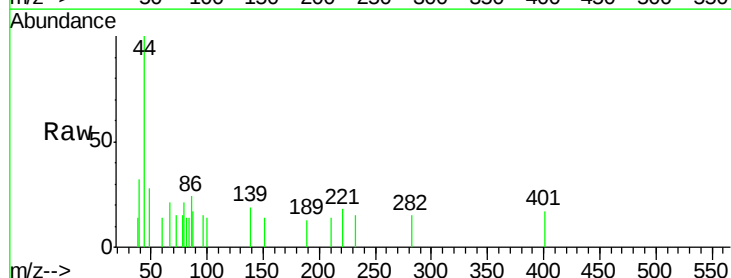


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

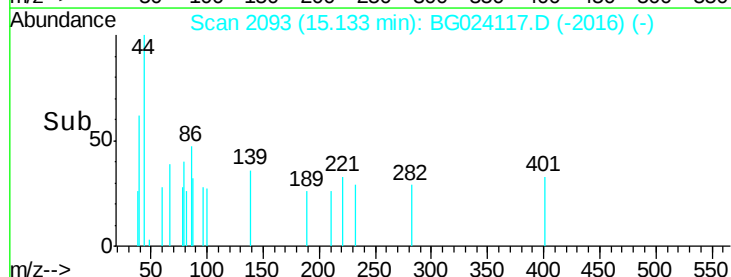
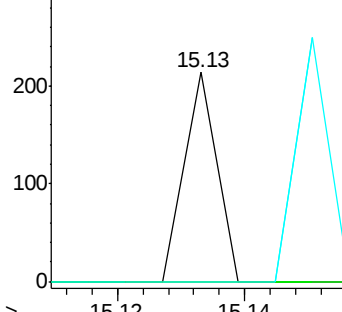


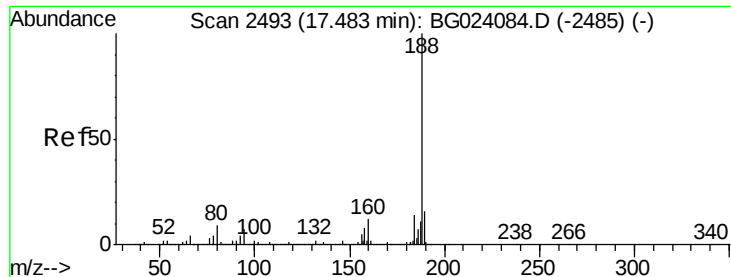
#55
4-Nitrophenol
Concen: 5.38 ng
RT: 15.13 min Scan# 2093
Delta R.T. 0.15 min
Lab File: BG024117.D
Acq: 24 Sep 2016 10:06

Tgt Ion:139 Resp: 75
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 0.0 112.7 152.7#



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): BGC

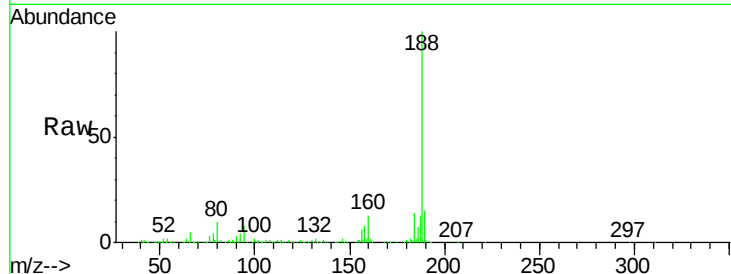




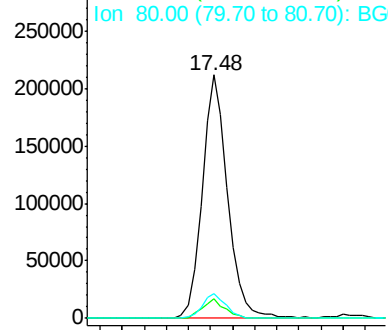
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BG024117.D
Acq: 24 Sep 2016 10:06

Instrument :
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ClientSampleId :
EB-01-092116

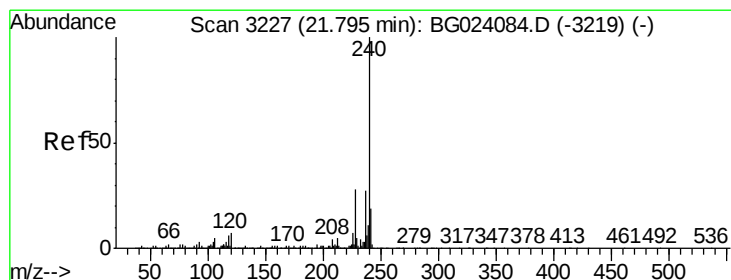
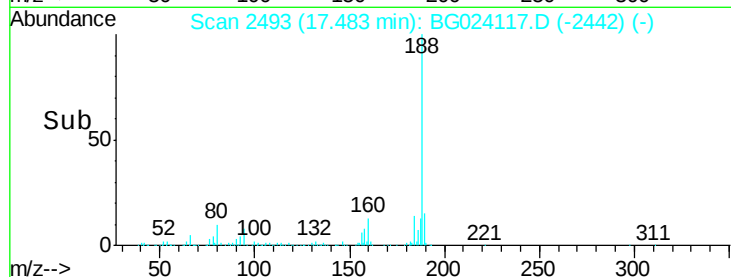
Tgt Ion:188 Resp: 338763
Ion Ratio Lower Upper
188 100
94 7.8 5.2 7.8#
80 10.3 7.2 10.8



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

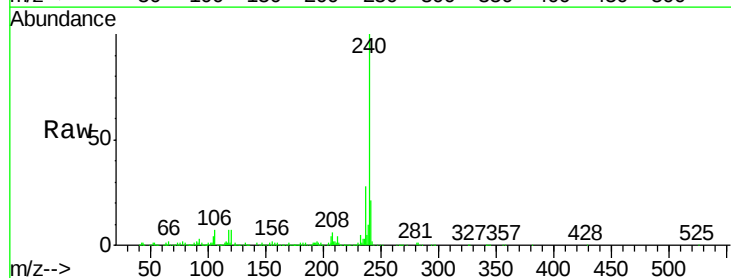


Time-->

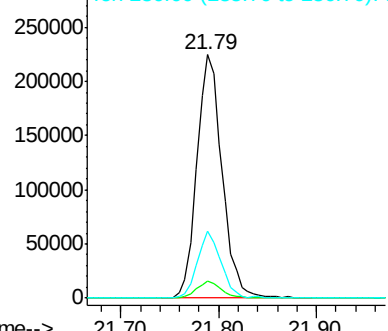


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BG024117.D
Acq: 24 Sep 2016 10:06

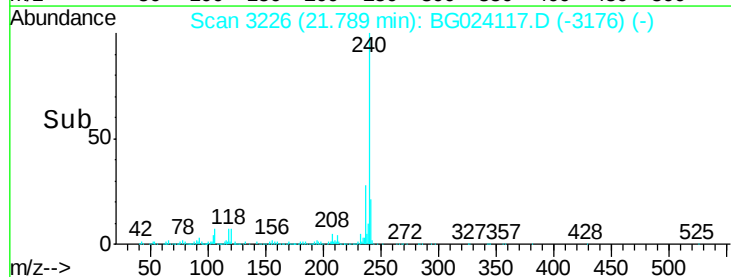
Tgt Ion:240 Resp: 401725
Ion Ratio Lower Upper
240 100
120 6.8 4.1 6.1#
236 27.7 21.1 31.7

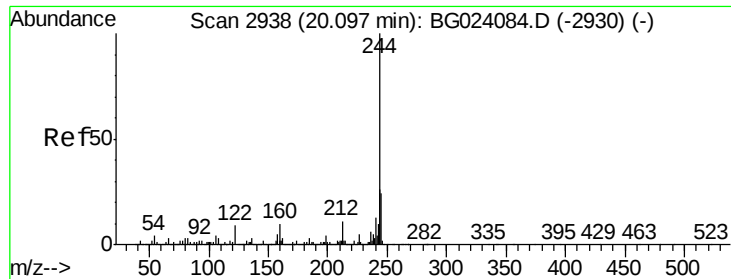


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 88.01 ng

RT: 20.09 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG024117.D

Acq: 24 Sep 2016 10:06

Instrument :

BNA_G

ClientSampleId :

EB-01-092116

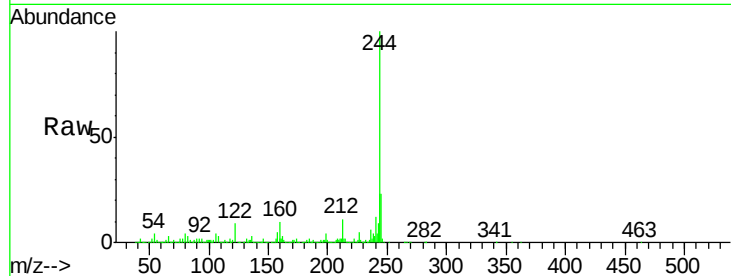
Tgt Ion:244 Resp: 1726587

Ion Ratio Lower Upper

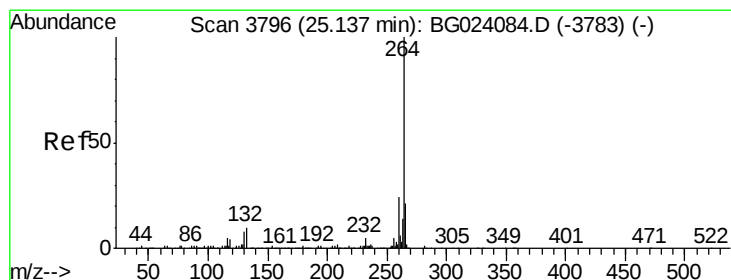
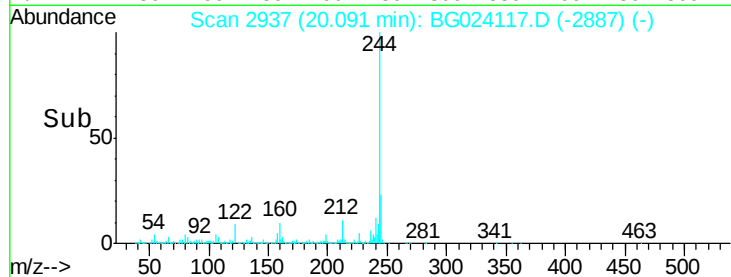
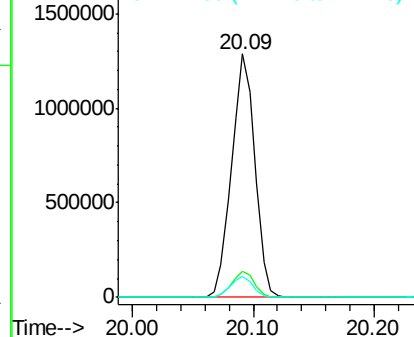
244 100

212 10.7 10.8 16.2#

122 8.8 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: BG024117.D

Acq: 24 Sep 2016 10:06

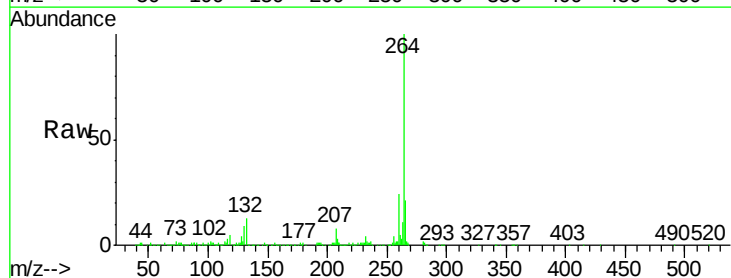
Tgt Ion:264 Resp: 381537

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 20.9 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

