

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024015.D
 Acq On : 17 Sep 2016 4:57
 Operator : UM/SJ
 Sample : PB93419BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 17 05:45:11 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 04:50:01 2016
 Response via : Initial Calibration

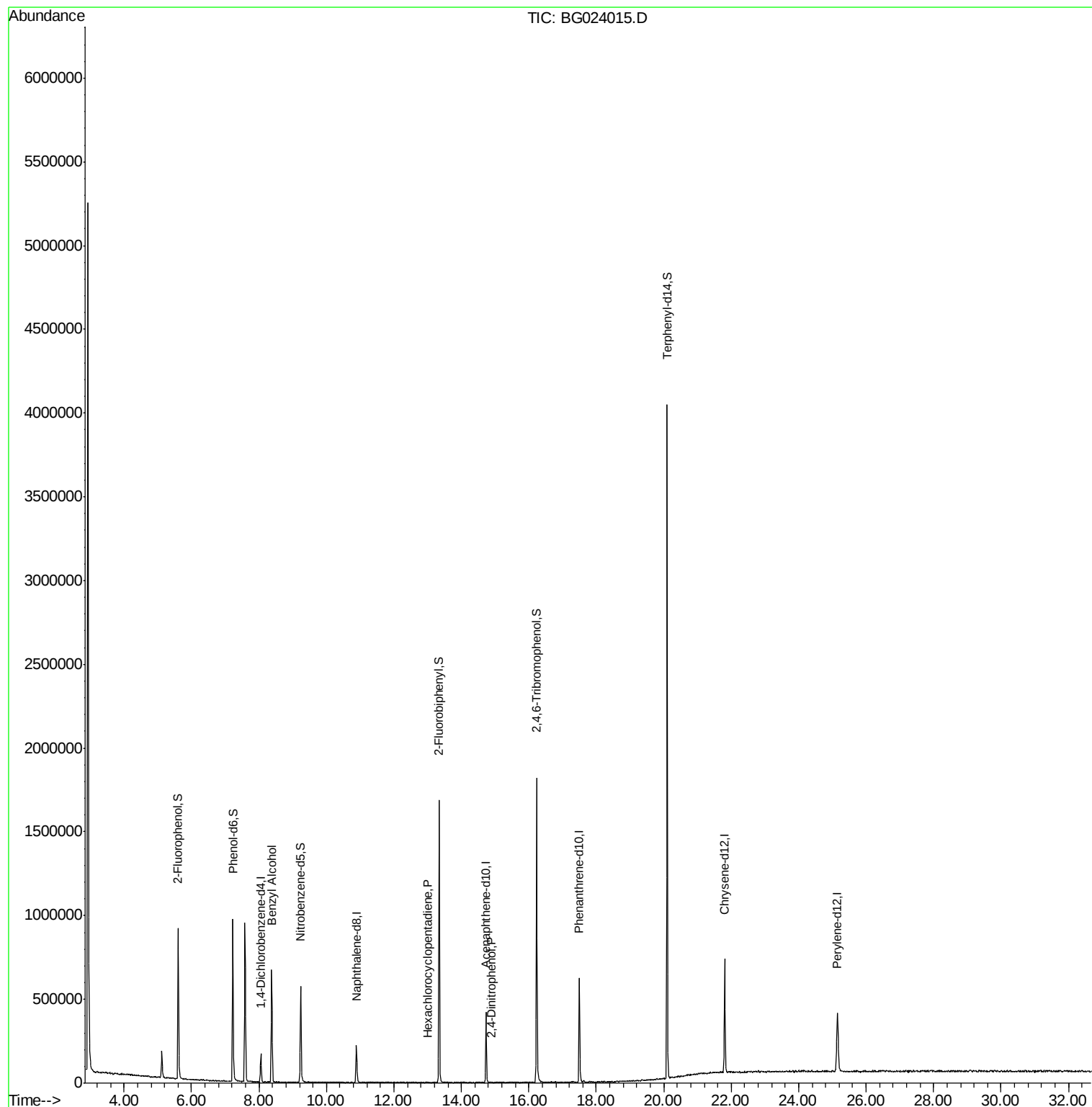
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39875	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	186513	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	163717	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	415372	20.00	ng	0.00
75) Chrysene-d12	21.81	240	451413	20.00	ng	0.00
86) Perylene-d12	25.15	264	440845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	349066	153.69	ng	0.00
7) Phenol-d6	7.23	99	511497	146.30	ng	0.00
23) Nitrobenzene-d5	9.23	82	383600	91.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	327369	110.99	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	818793	71.70	ng	0.00
78) Terphenyl-d14	20.10	244	1607653	81.11	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	7060	2.29	ng	# 35
40) Hexachlorocyclopentadiene	13.01	237	124	7.12	ng	# 26
53) 2,4-Dinitrophenol	14.89	184	55	6.53	ng	# 10

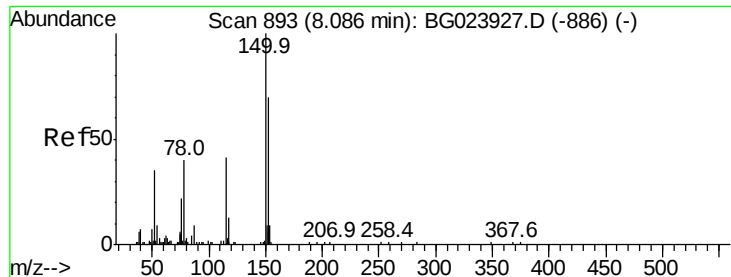
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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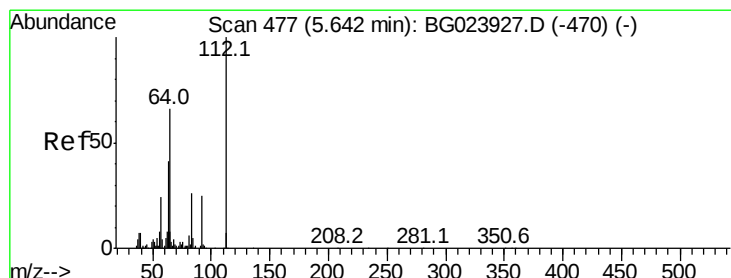
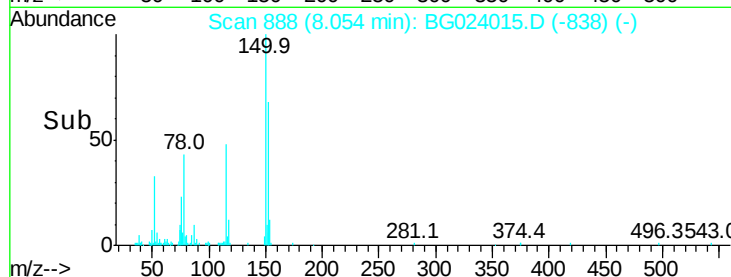
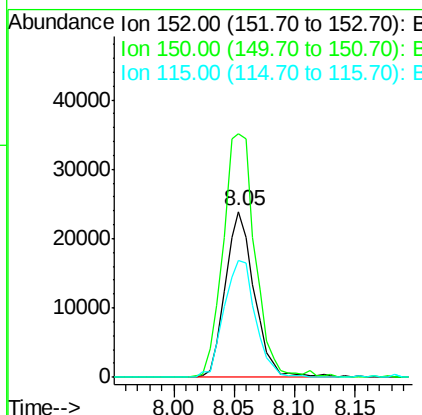
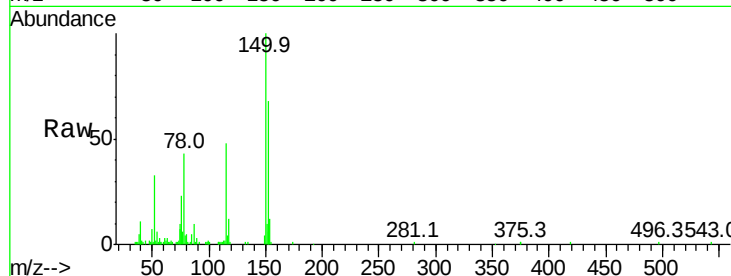


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG024015.D
Acq: 17 Sep 2016 4:57

Instrument :
BNA_G
ClientSampleId :

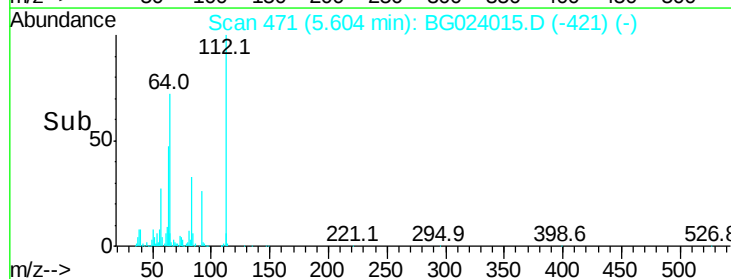
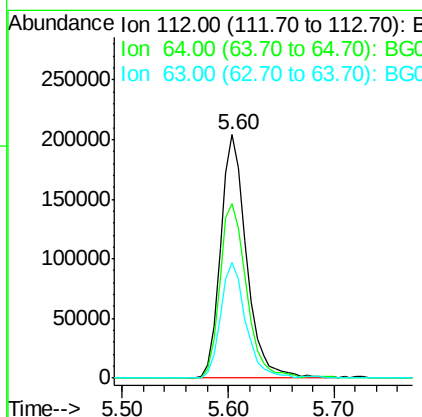
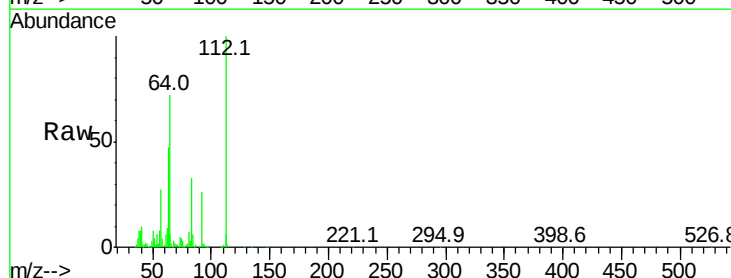
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	144.7	217.1
115	70.3	64.0	96.0

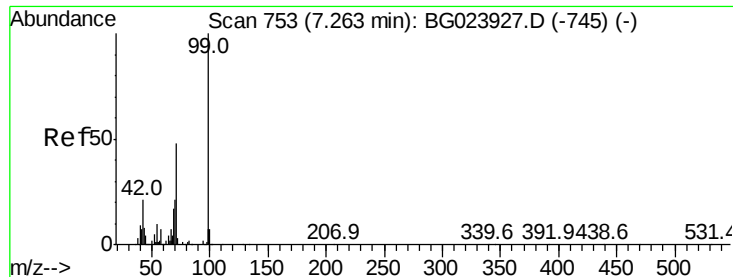


#5

2-Fluorophenol
Concen: 153.69 ng
RT: 5.60 min Scan# 471
Delta R.T. -0.01 min
Lab File: BG024015.D
Acq: 17 Sep 2016 4:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	59.0	88.4
63	47.2	37.8	56.8





#7

Phenol-d6

Concen: 146.30 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

Instrument :

BNA_G

ClientSampleId :

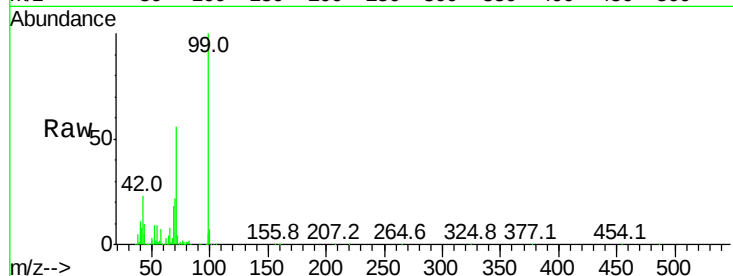
Tot Ion: 99 Resp: 511497

Ion Ratio Lower Upper

99 100

42 23.1 17.8 26.6

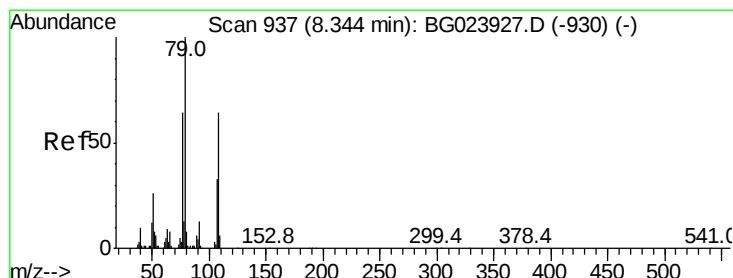
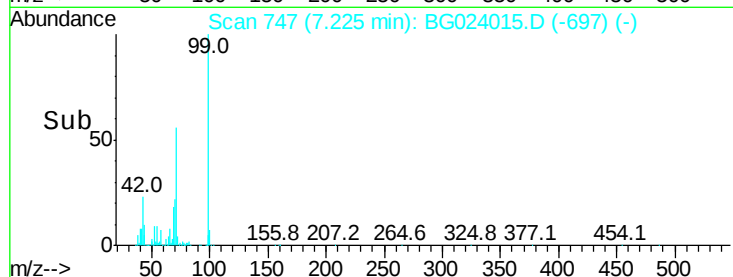
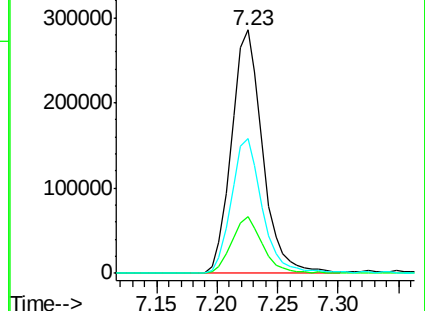
71 55.5 41.5 62.3



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: 2.29 ng

RT: 8.38 min Scan# 944

Delta R.T. 0.07 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

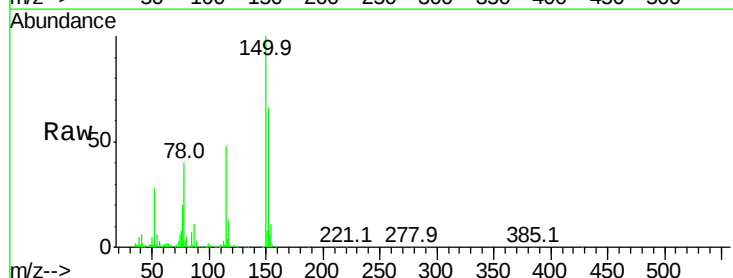
Tgt Ion: 79 Resp: 7060

Ion Ratio Lower Upper

79 100

108 14.8 46.5 69.7#

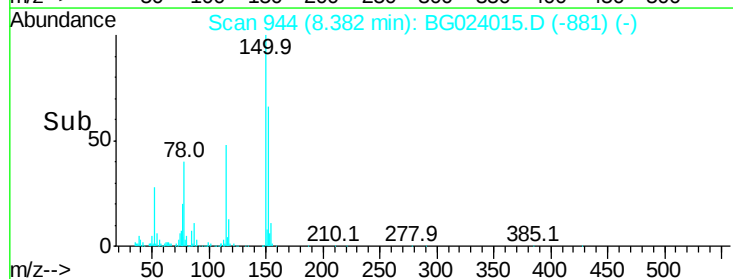
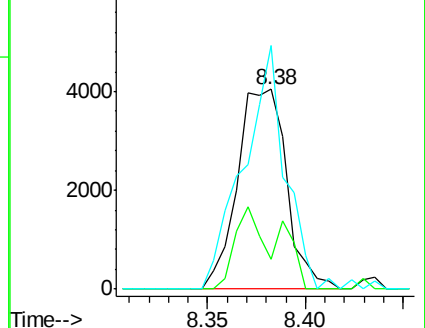
77 121.8 52.3 78.5#

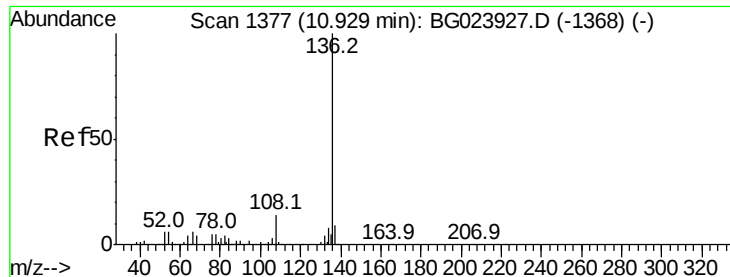


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

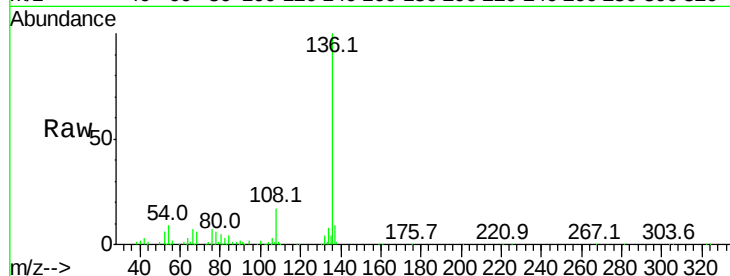




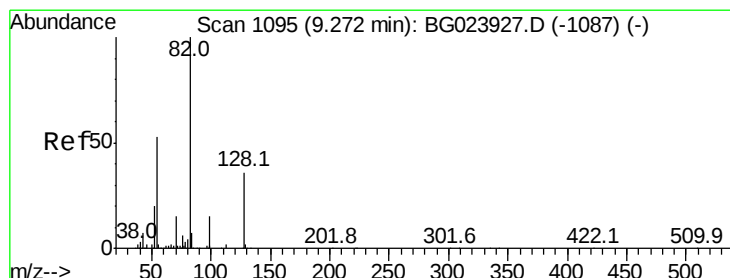
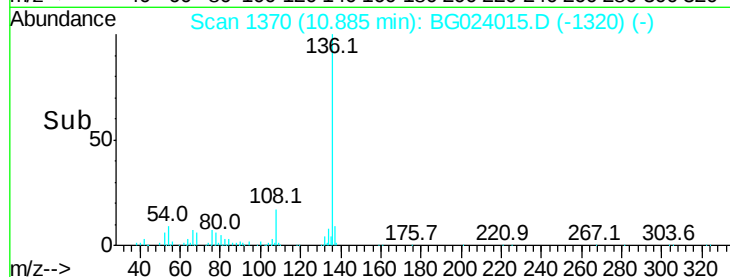
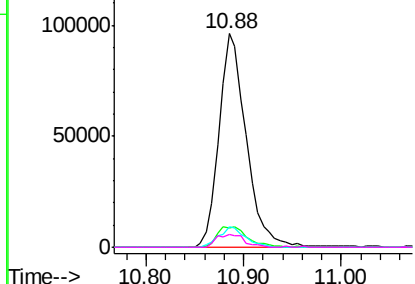
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG024015.D
Acq: 17 Sep 2016 4:57

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	186513
Ion Ratio	Lower	Upper
136	100	
137	9.3	9.6 14.4#
54	9.4	7.3 10.9
68	6.1	5.3 7.9

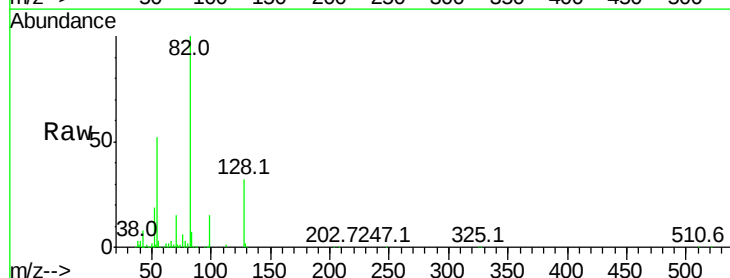


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

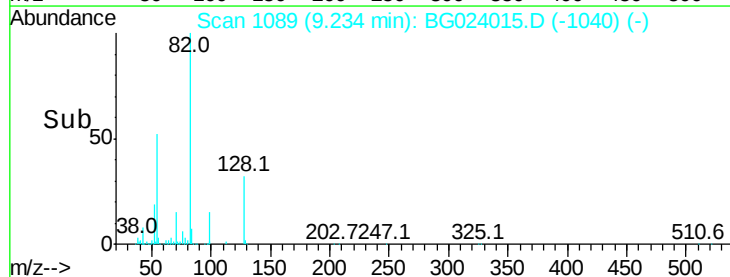
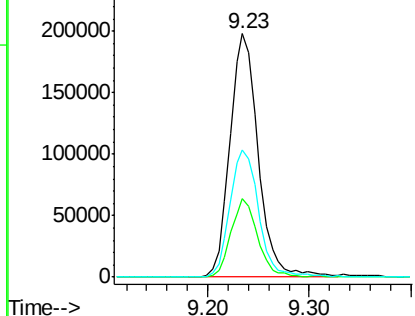


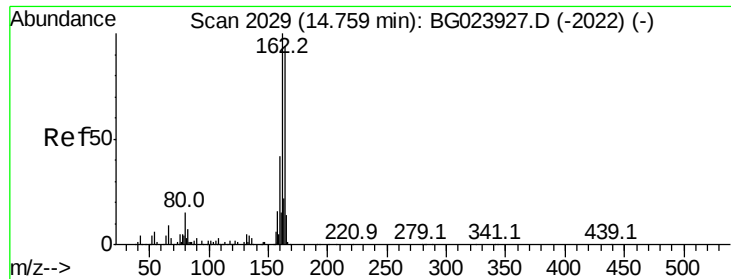
#23
Nitrobenzene-d5
Concen: 91.82 ng
RT: 9.23 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BG024015.D
Acq: 17 Sep 2016 4:57

Tgt Ion: 82	Resp:	383600
Ion Ratio	Lower	Upper
82	100	
128	32.4	24.4 36.6
54	52.2	41.4 62.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

Instrument :

BNA_G

ClientSampleId :

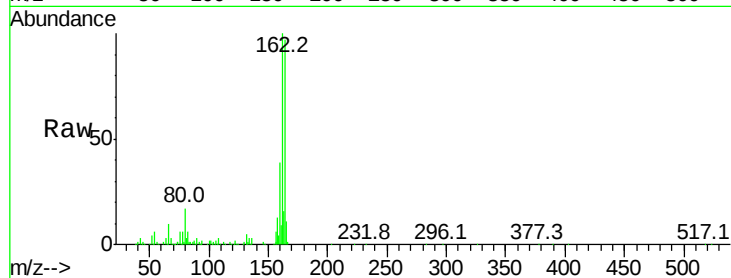
Tot Ion:164 Resp: 163717

Ion Ratio Lower Upper

164 100

162 103.2 87.7 131.5

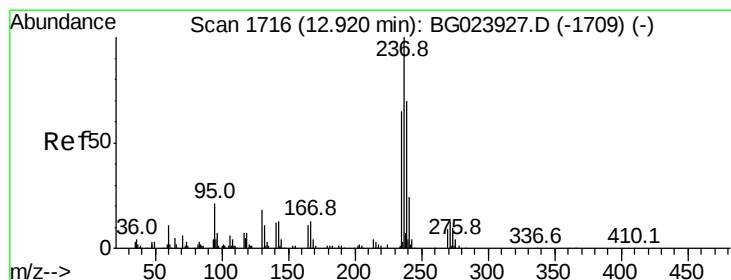
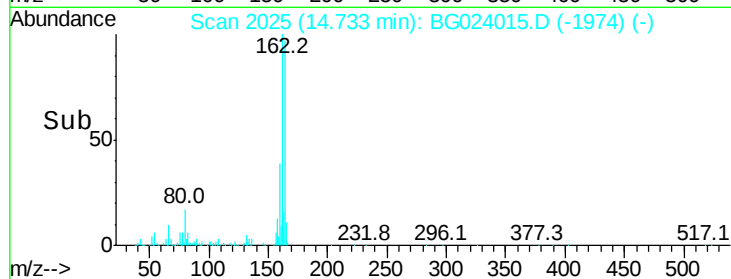
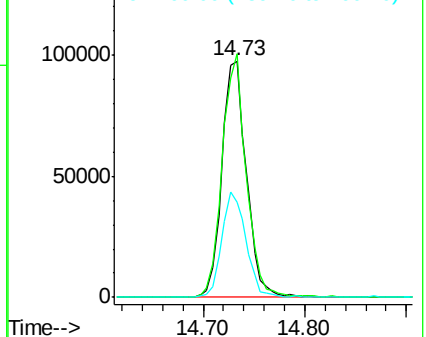
160 40.5 37.2 55.8



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: 7.12 ng

RT: 13.01 min Scan# 1732

Delta R.T. 0.12 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

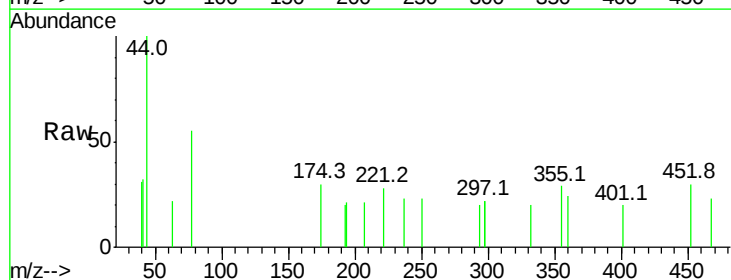
Tgt Ion:237 Resp: 124

Ion Ratio Lower Upper

237 100

235 0.0 43.1 83.1#

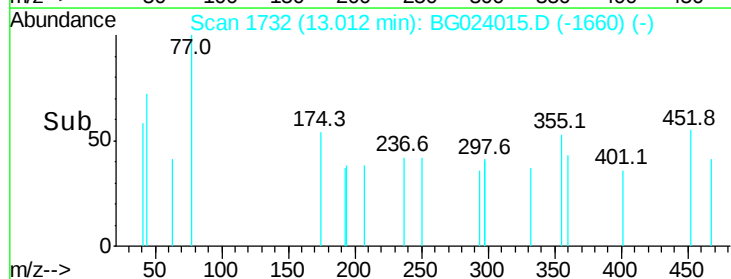
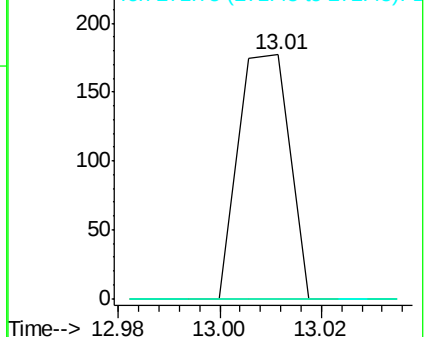
272 0.0 0.0 30.9

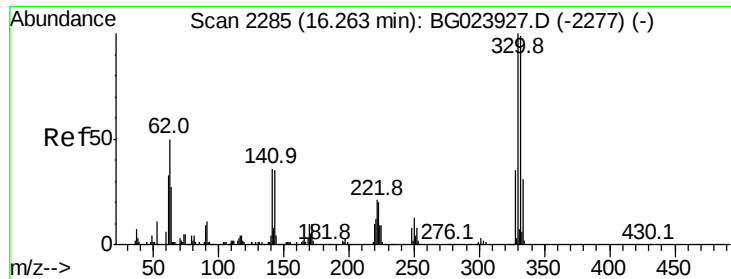


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

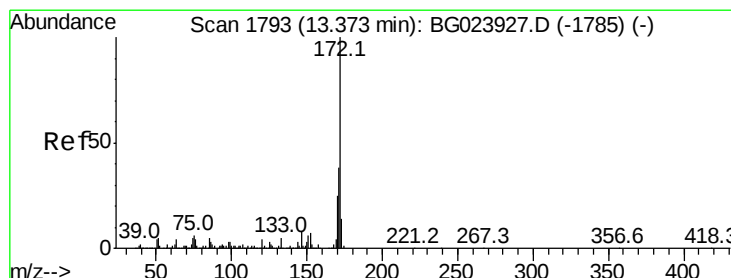
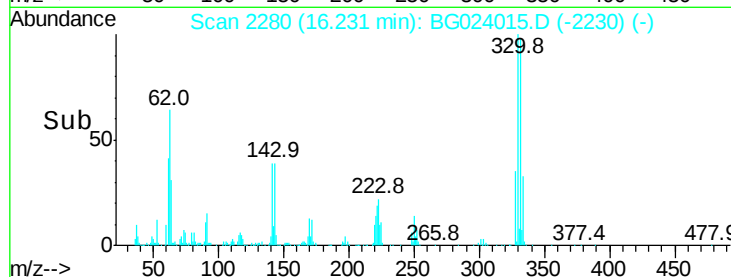
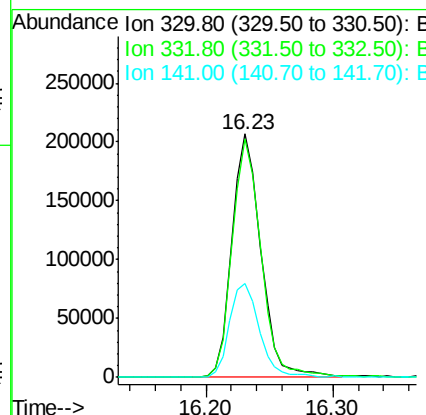
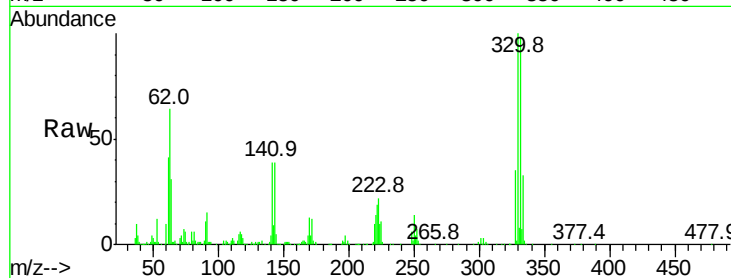




#41
 2,4,6-Tribromophenol
 Concen: 110.99 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BG024015.D
 Acq: 17 Sep 2016 4:57

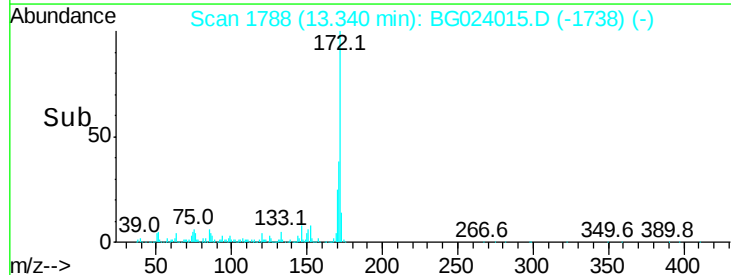
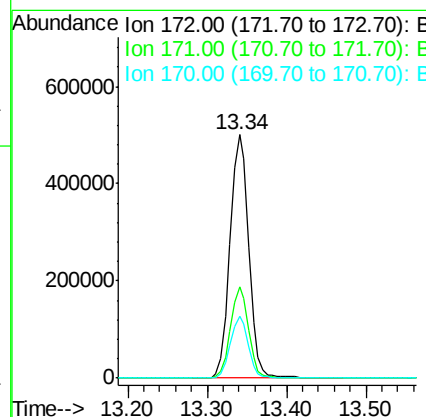
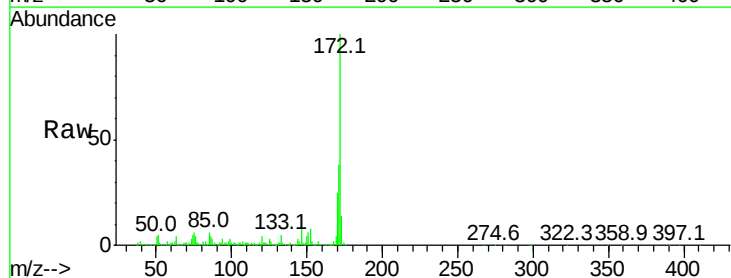
Instrument :
 BNA_G
 ClientSampleId :

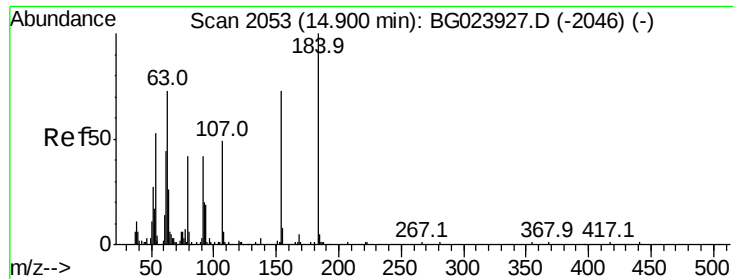
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	39.8	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 71.70 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BG024015.D
 Acq: 17 Sep 2016 4:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	31.6	47.4
170	25.3	21.3	31.9

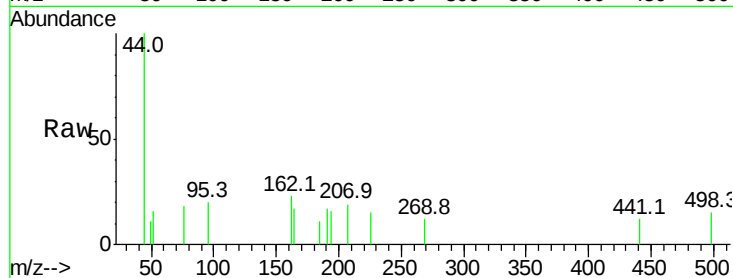




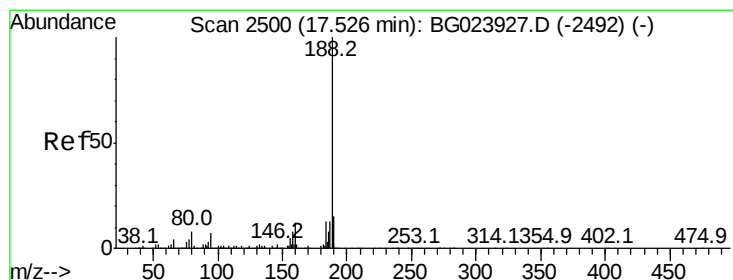
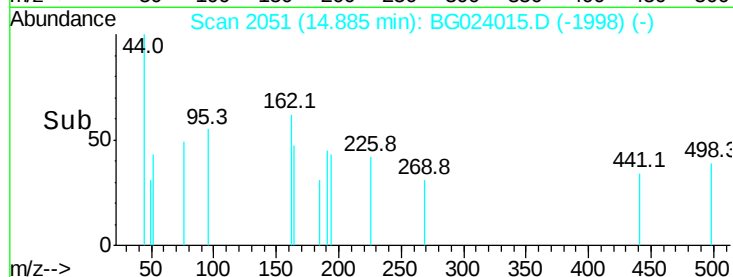
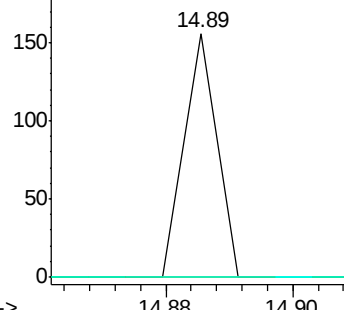
#53
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.89 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BG024015.D
Acq: 17 Sep 2016 4:57

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 0.0 59.6 89.4#
154 0.0 67.4 101.0#

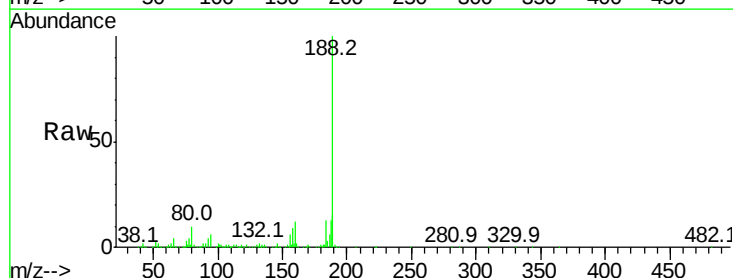


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

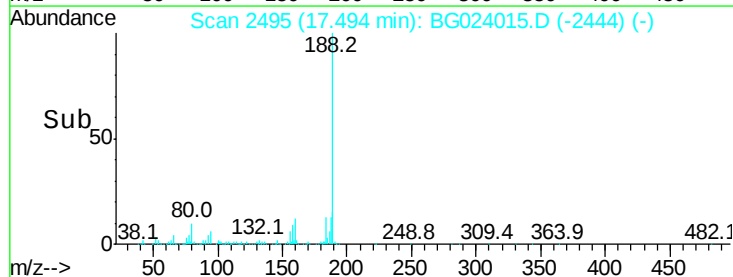
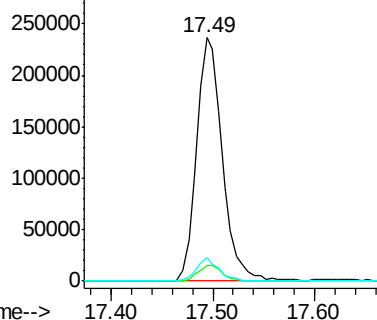


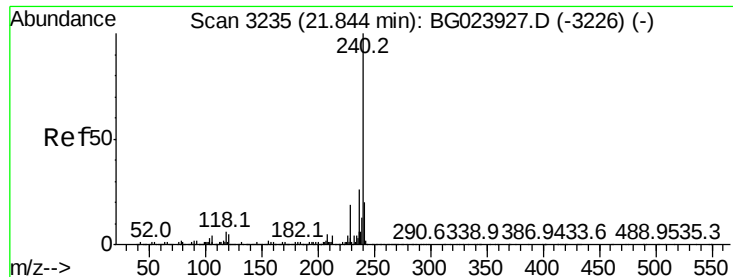
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BG024015.D
Acq: 17 Sep 2016 4:57

Tgt Ion:188 Resp: 415372
Ion Ratio Lower Upper
188 100
94 6.2 5.2 7.8
80 9.8 7.2 10.8



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.81 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

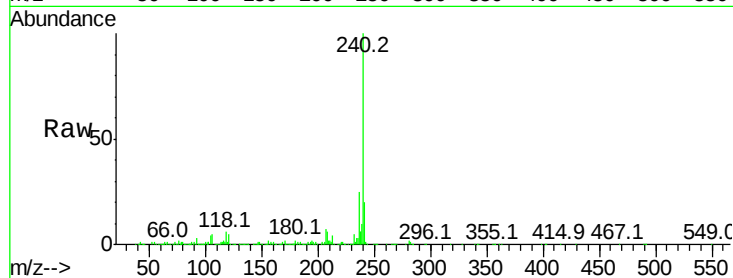
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 451413

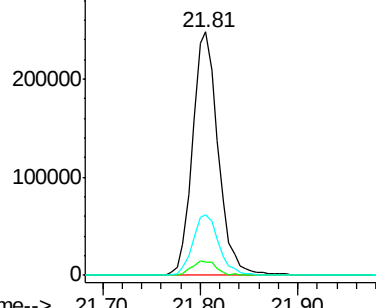
Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.1	6.1
236	24.7	21.1	31.7



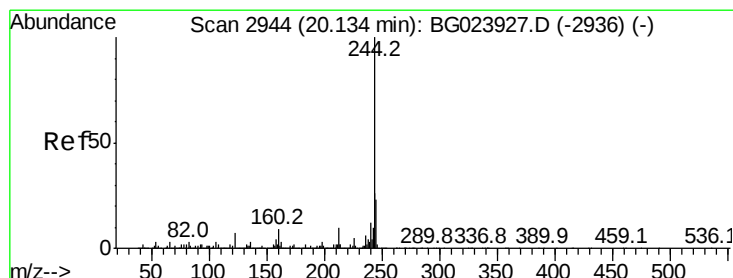
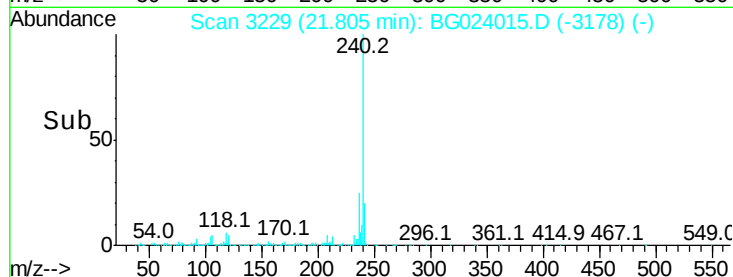
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90



#78

Terphenyl-d14

Concen: 81.11 ng

RT: 20.10 min Scan# 2939

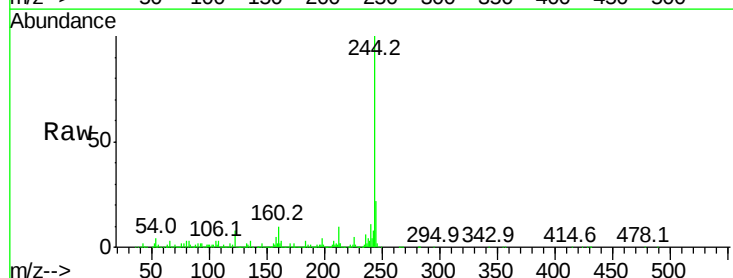
Delta R.T. -0.00 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

Tgt Ion:244 Resp: 1607653

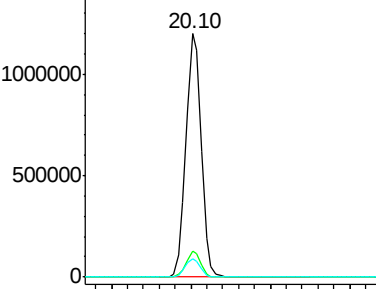
Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.8	16.2#
122	7.8	8.0	12.0#



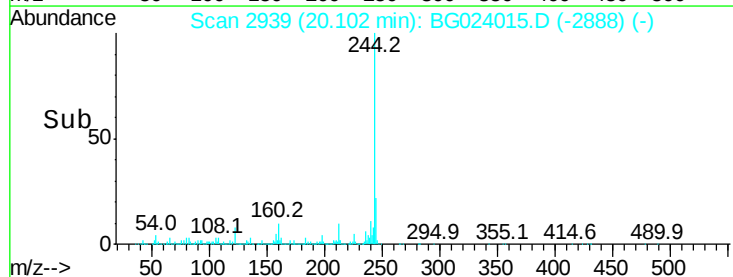
Abundance Ion 244.00 (243.70 to 244.70): E

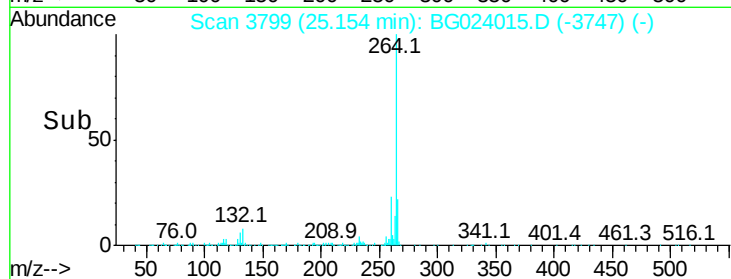
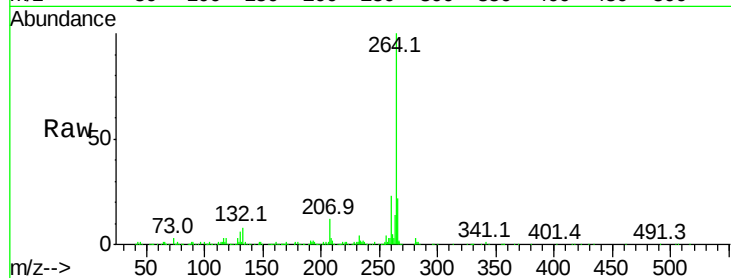
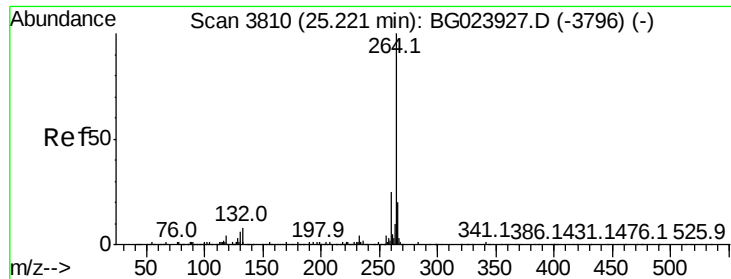
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10 20.20 20.30





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.15 min Scan# 3799

Delta R.T. 0.01 min

Lab File: BG024015.D

Acq: 17 Sep 2016 4:57

Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 440845

Ion Ratio Lower Upper

264 100

260 23.0 18.4 27.6

265 22.1 18.9 28.3

