

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022628.D
 Acq On : 27 Jun 2016 3:24
 Operator : UM/SJ
 Sample : H3733-02
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 07:12:25 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

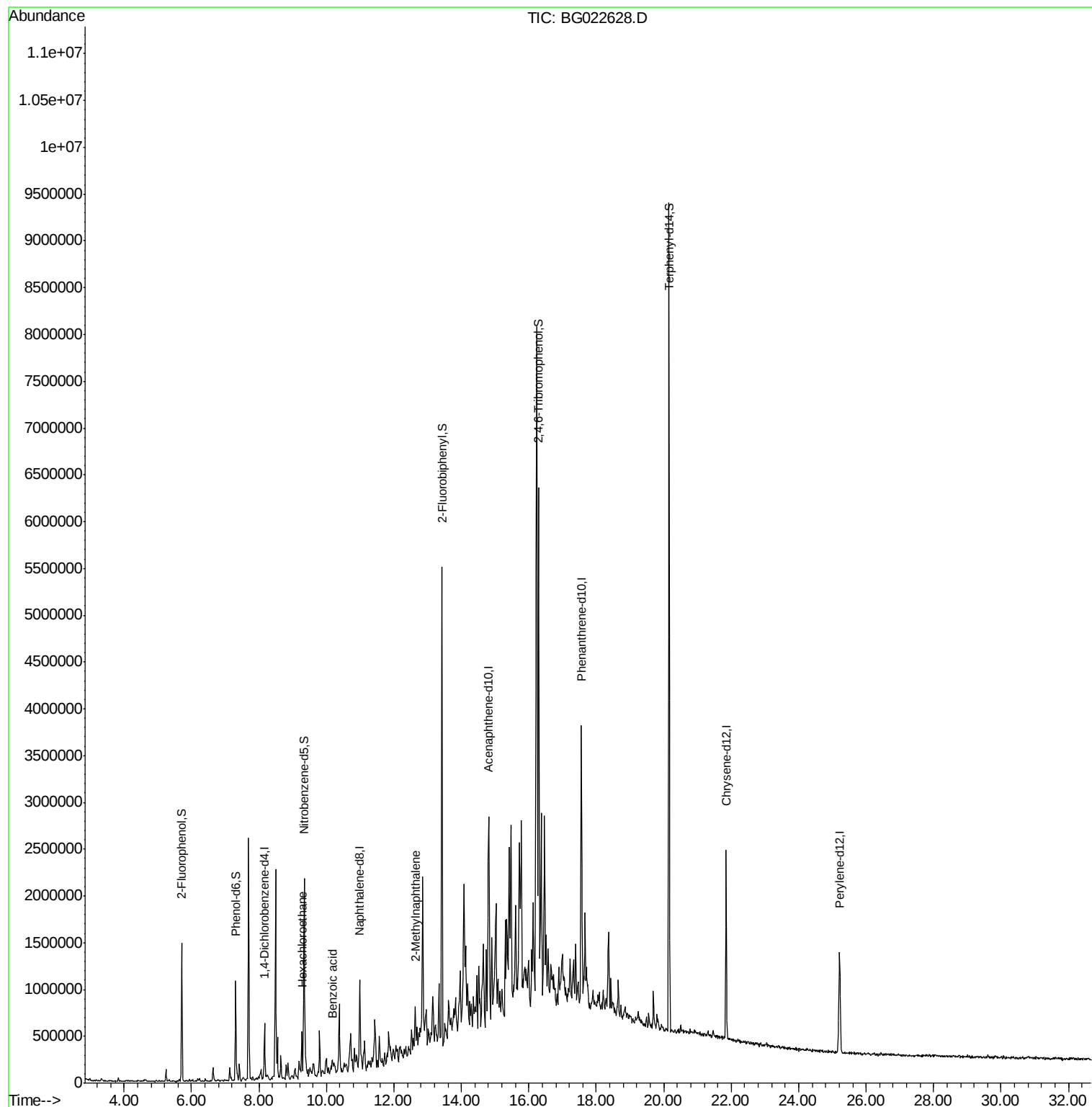
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	148057	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	636689	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	735624	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1115968	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1272208	20.00	ng	0.00
86) Perylene-d12	25.21	264	1311760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	618766	67.03	ng	0.00
7) Phenol-d6	7.31	99	598379	45.99	ng	0.00
23) Nitrobenzene-d5	9.34	82	1300072	86.42	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	989165	85.49	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2429387	52.37	ng	0.00
78) Terphenyl-d14	20.16	244	3156293	65.73	ng	0.00
Target Compounds						
18) Hexachloroethane	9.28	117	70444	14.59	ng	# 1
32) Benzoic acid	10.19	122	770	5.21	ng	# 1
37) 2-Methylnaphthalene	12.63	142	110654	4.46	ng	99

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
Data File : BG022628.D
Acq On : 27 Jun 2016 3:24
Operator : UM/SJ
Sample : H3733-02
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jun 27 07:12:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration



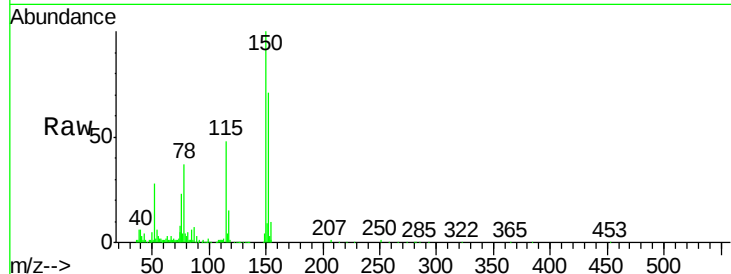


#1

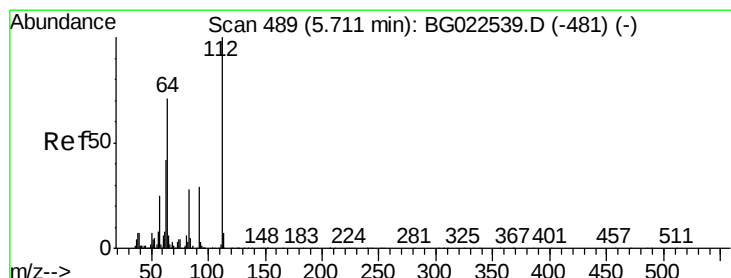
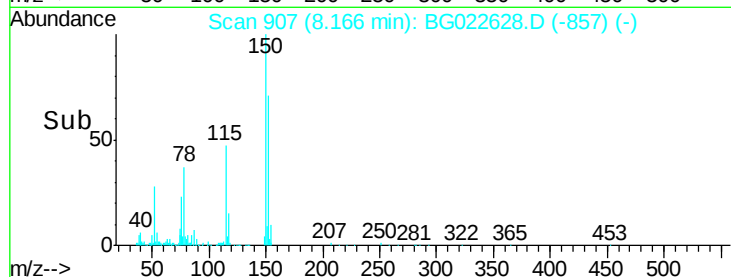
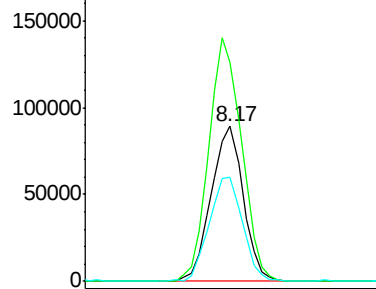
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG022628.D
Acq: 27 Jun 2016 3:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.6	144.7	217.1#
115	67.3	64.0	96.0



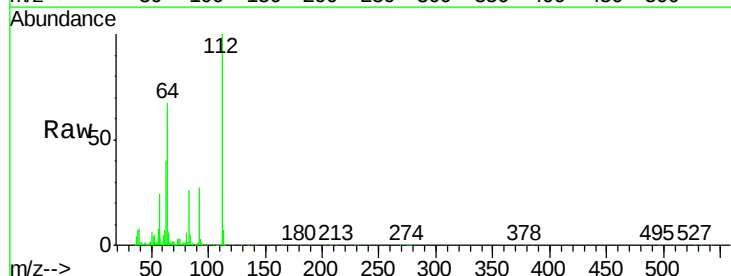
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



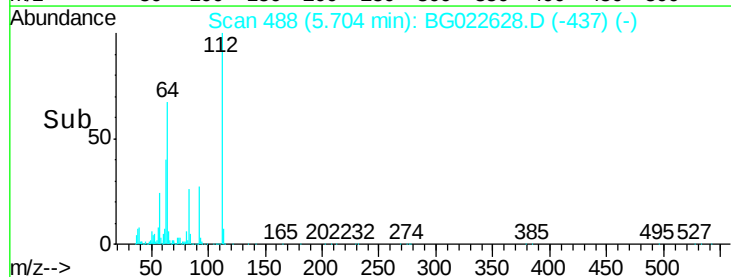
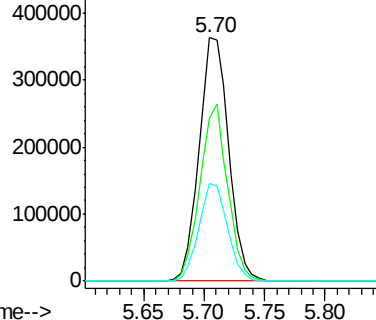
#5

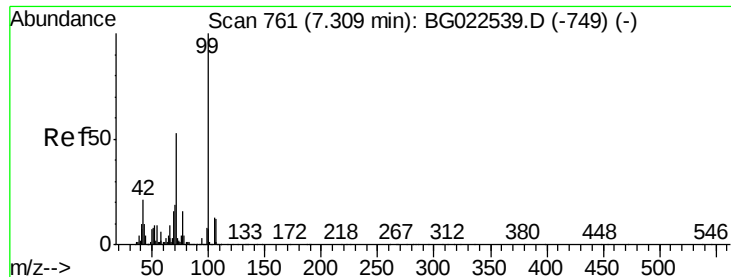
2-Fluorophenol
Concen: 67.03 ng
RT: 5.70 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG022628.D
Acq: 27 Jun 2016 3:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.9	59.0	88.4
63	40.2	37.8	56.8



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





#7

Phenol-d6

Concen: 45.99 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

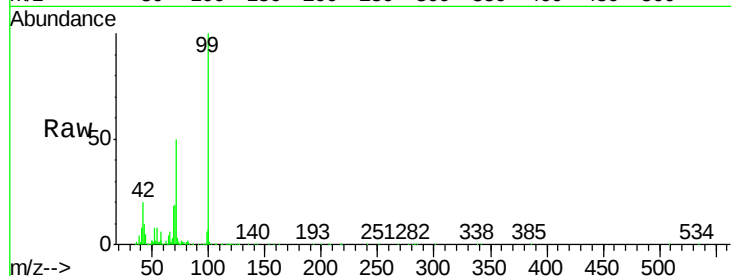
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 598379

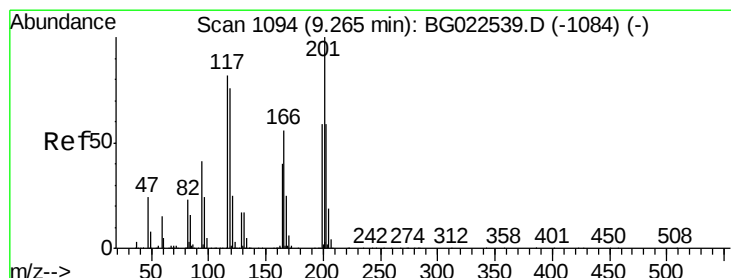
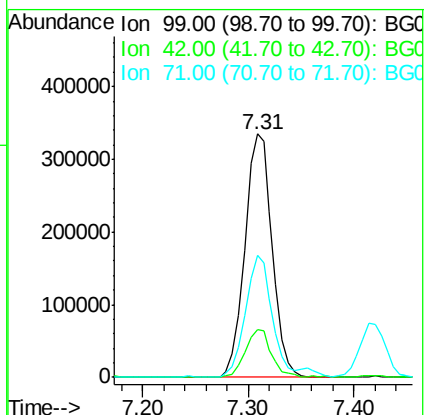
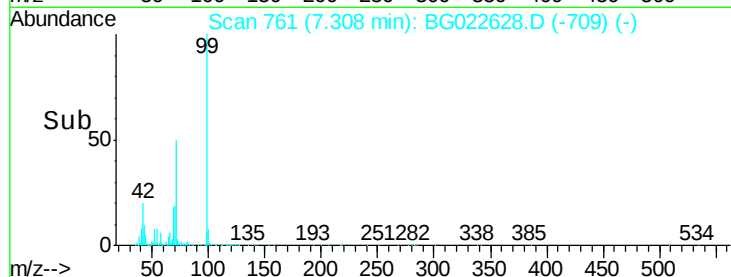
Ion	Ratio	Lower	Upper
99	100		
42	19.7	17.8	26.6
71	50.1	41.5	62.3



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



#18

Hexachloroethane

Concen: 14.59 ng

RT: 9.28 min Scan# 1096

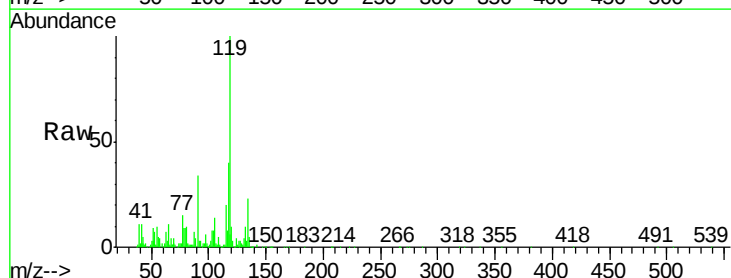
Delta R.T. 0.01 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

Tgt Ion: 117 Resp: 70444

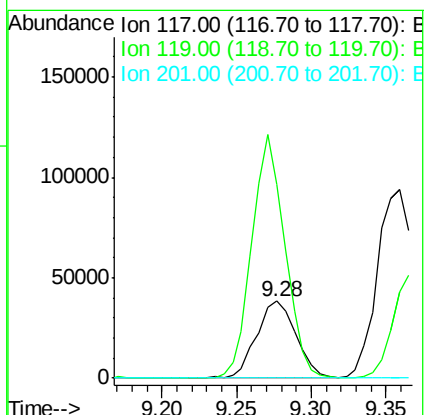
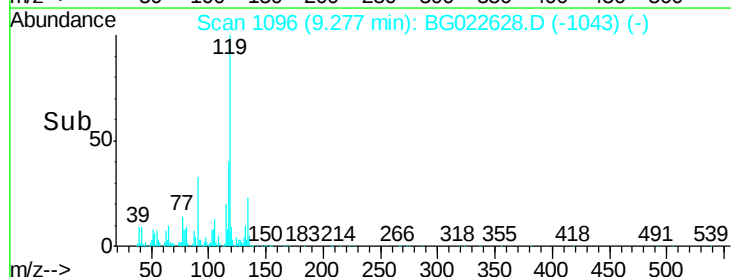
Ion	Ratio	Lower	Upper
117	100		
119	251.5	73.7	110.5#
201	0.0	88.7	133.1#

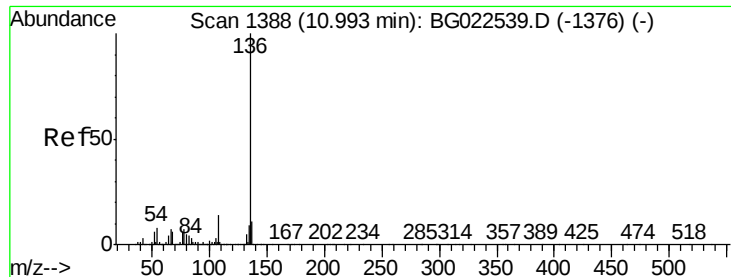


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

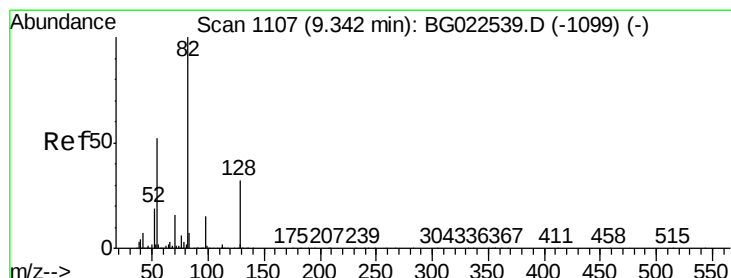
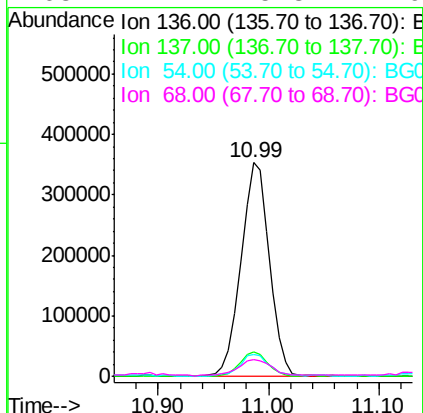
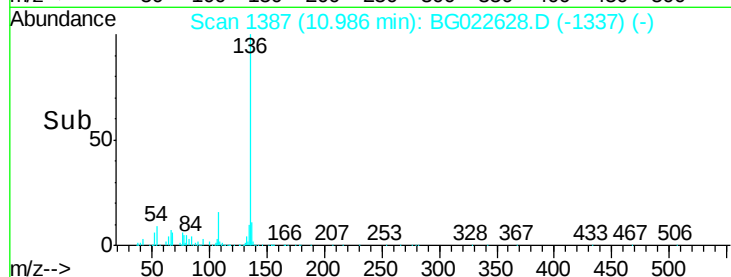
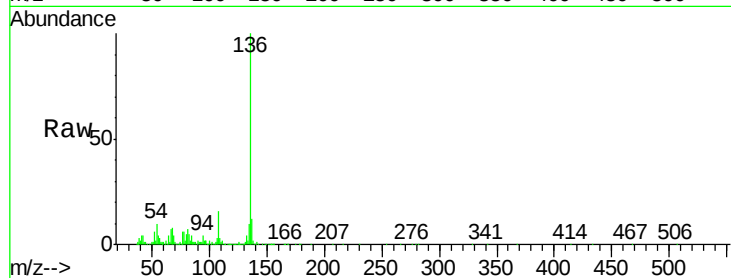




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BG022628.D
Acq: 27 Jun 2016 3:24

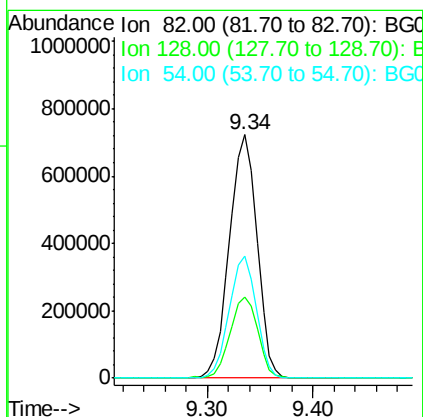
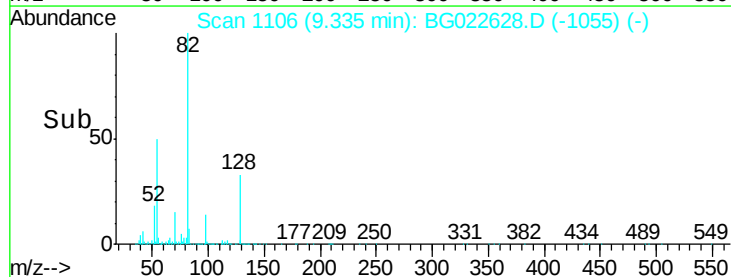
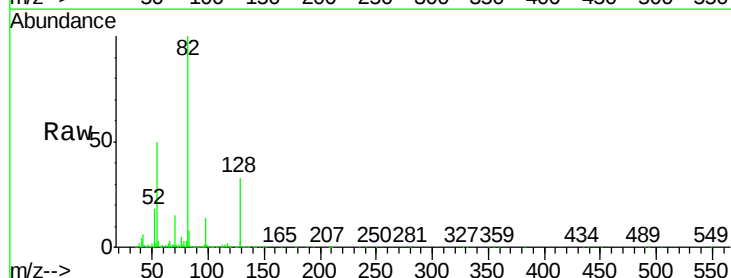
Instrument :
BNA_G
ClientSampleId :

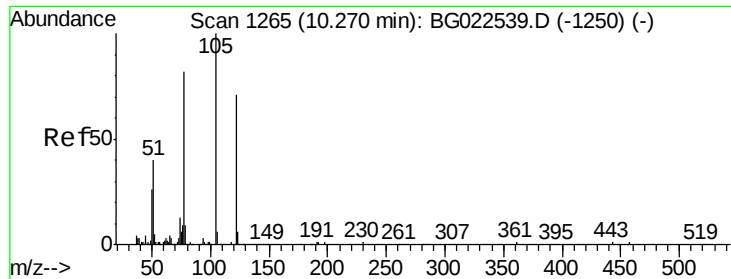
Tot	Ion:136	Resp:	636689
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	10.0	7.3	10.9
68	7.7	5.3	7.9



#23
Nitrobenzene-d5
Concen: 86.42 ng
RT: 9.34 min Scan# 1106
Delta R.T. -0.00 min
Lab File: BG022628.D
Acq: 27 Jun 2016 3:24

Tgt Ion: 82	Resp: 1300072
Ion Ratio	Lower Upper
82 100	
128 33.2	24.4 36.6
54 50.3	41.4 62.0





#32

Benzoic acid

Concen: 5.21 ng

RT: 10.19 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

Instrument :

BNA_G

ClientSampleId :

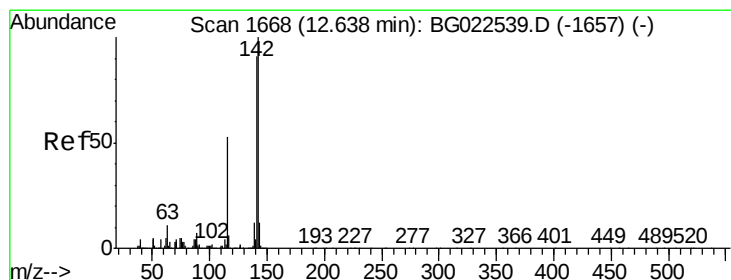
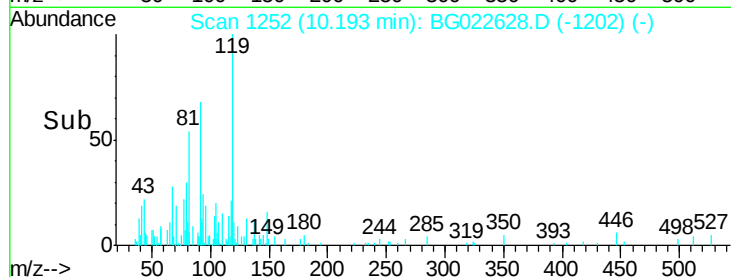
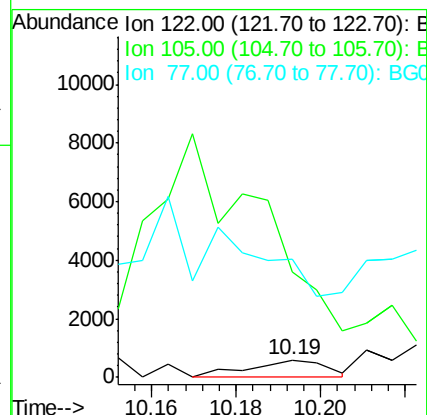
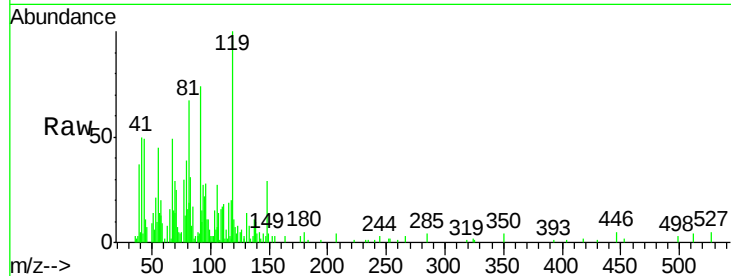
Tot Ion:122 Resp: 770

Ion Ratio Lower Upper

122 100

105 603.3 117.2 157.2#

77 675.1 109.2 149.2#



#37

2-Methylnaphthalene

Concen: 4.46 ng

RT: 12.63 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

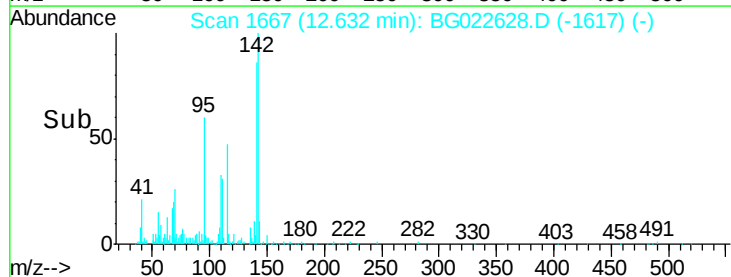
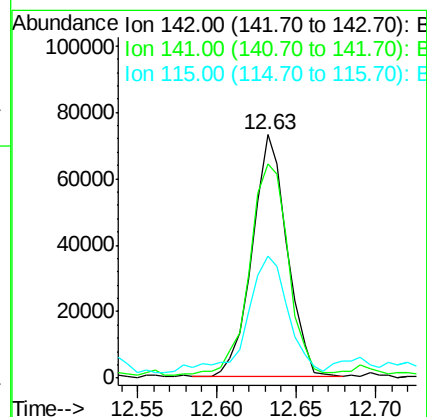
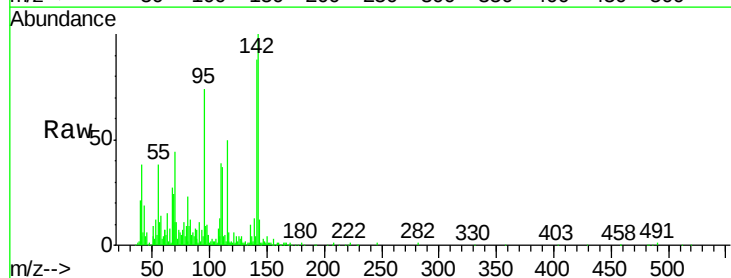
Tgt Ion:142 Resp: 110654

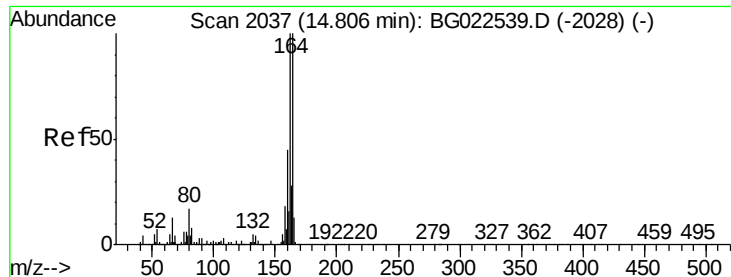
Ion Ratio Lower Upper

142 100

141 88.1 70.2 105.2

115 50.2 41.7 62.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

Instrument :

BNA_G

ClientSampleId :

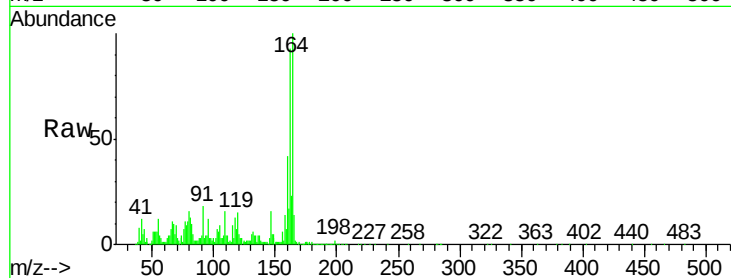
Tot Ion:164 Resp: 735624

Ion Ratio Lower Upper

164 100

162 93.4 87.7 131.5

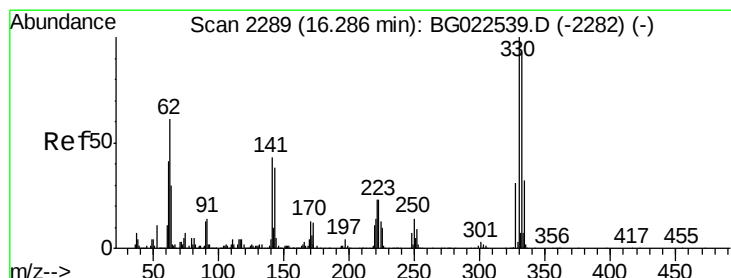
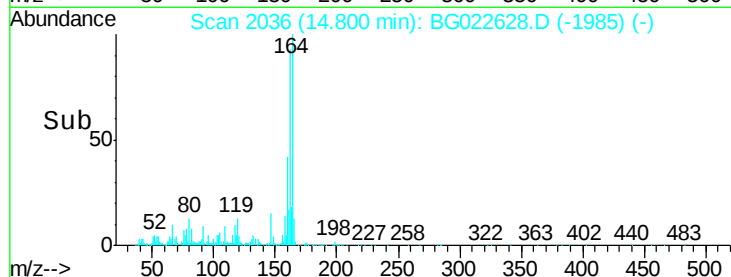
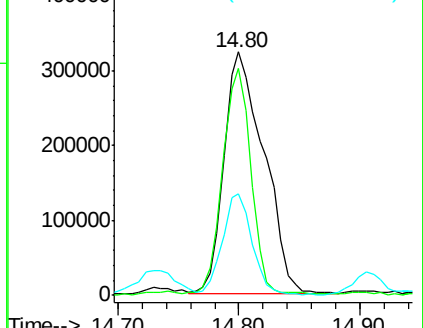
160 42.0 37.2 55.8



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



#41

2,4,6-Tribromophenol

Concen: 85.49 ng

RT: 16.29 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

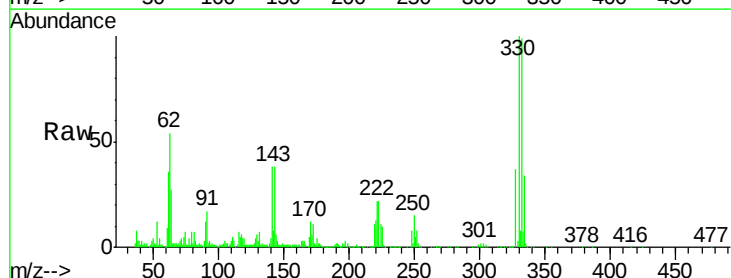
Tgt Ion:330 Resp: 989165

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.2

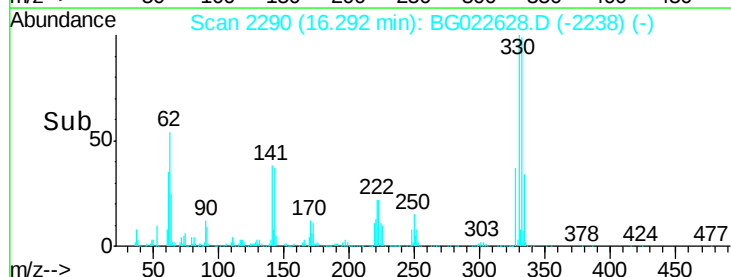
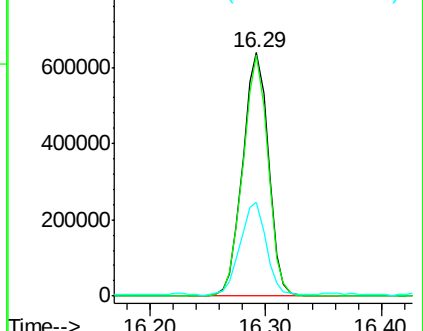
141 38.7 31.7 47.5

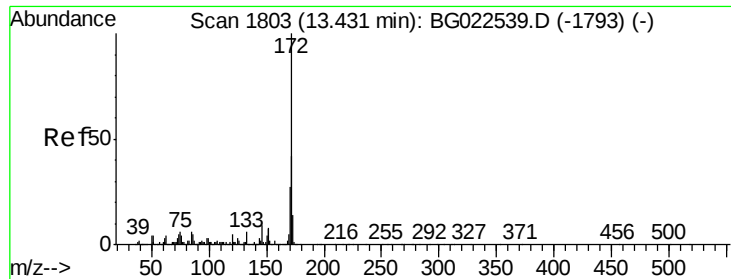


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 52.37 ng

RT: 13.42 min Scan# 1802

Delta R.T. -0.00 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

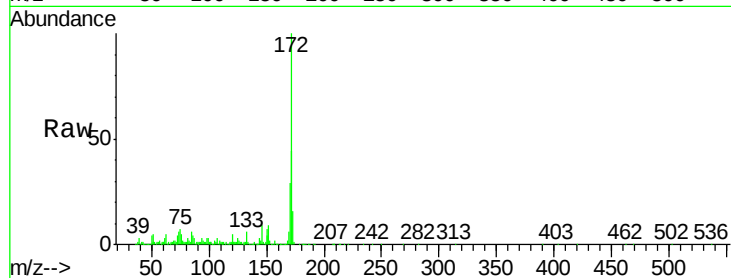
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 2429387

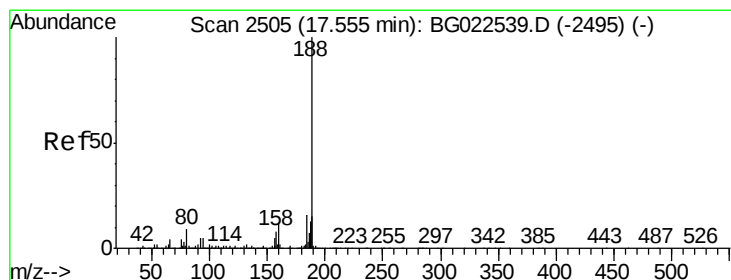
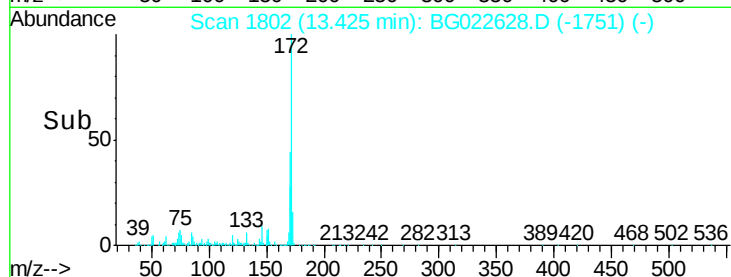
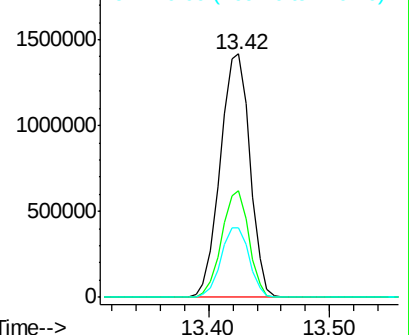
Ion	Ratio	Lower	Upper
172	100		
171	44.0	31.6	47.4
170	28.5	21.3	31.9



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

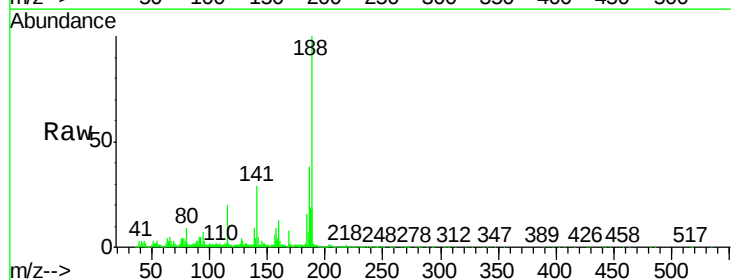
Delta R.T. 0.00 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

Tgt Ion:188 Resp: 1115968

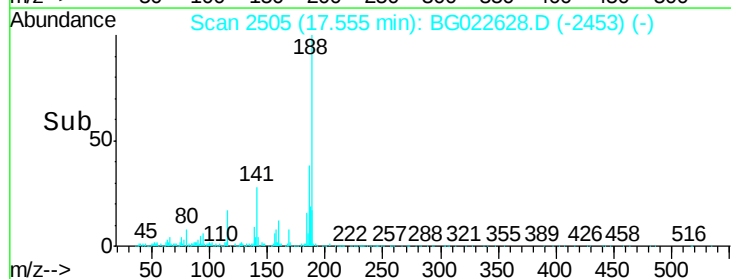
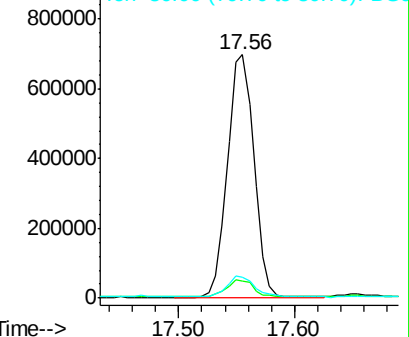
Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.2	7.8
80	8.5	7.2	10.8

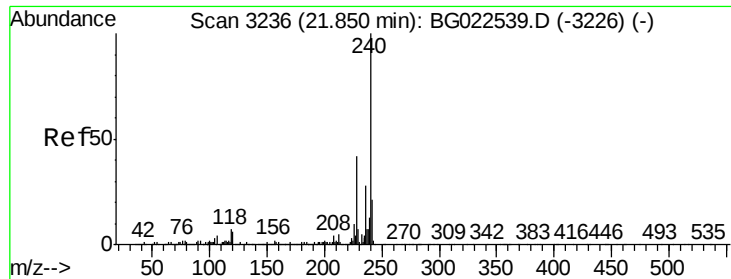


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.00 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

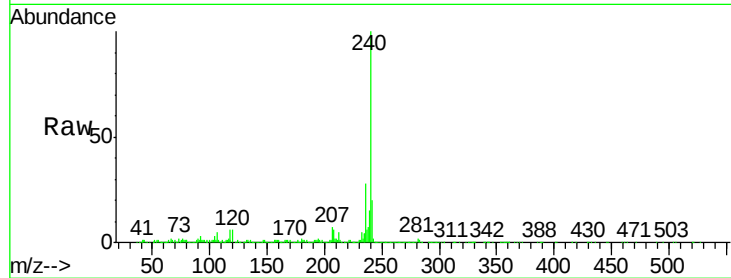
Instrument :

BNA_G

ClientSampled :

Tot Ion:240 Resp: 1272208

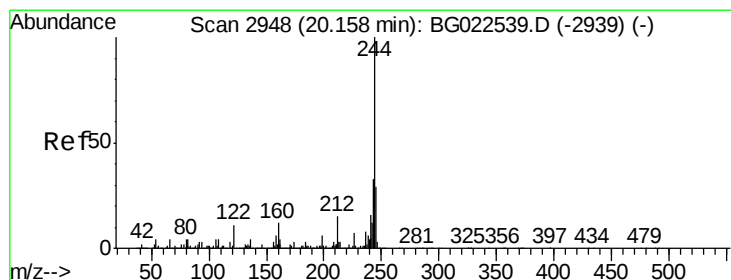
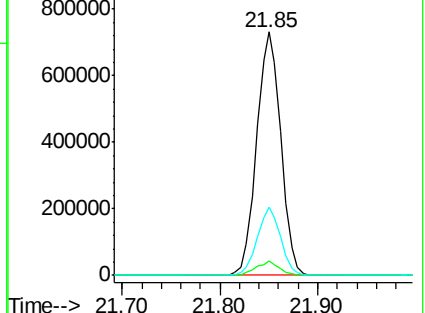
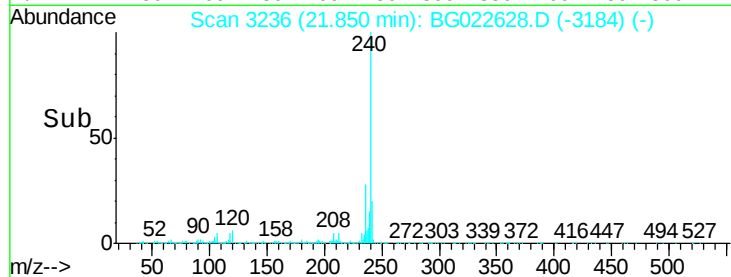
Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.1	6.1
236	27.9	21.1	31.7



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: 65.73 ng

RT: 20.16 min Scan# 2948

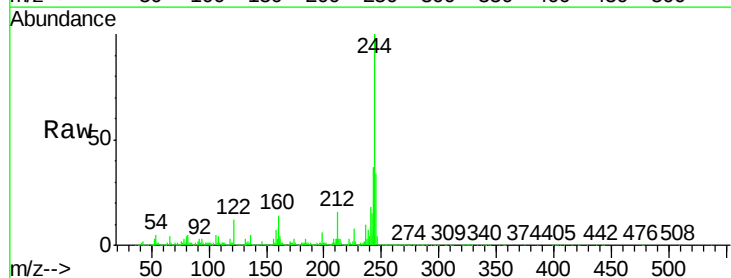
Delta R.T. 0.01 min

Lab File: BG022628.D

Acq: 27 Jun 2016 3:24

Tgt Ion:244 Resp: 3156293

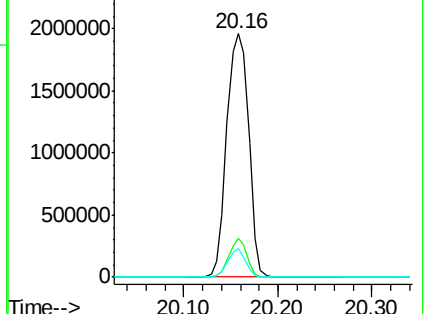
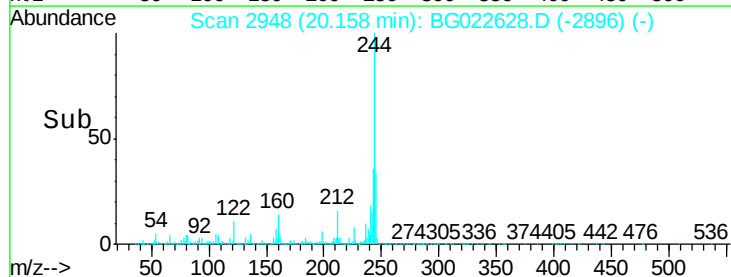
Ion	Ratio	Lower	Upper
244	100		
212	15.7	10.8	16.2
122	11.6	8.0	12.0

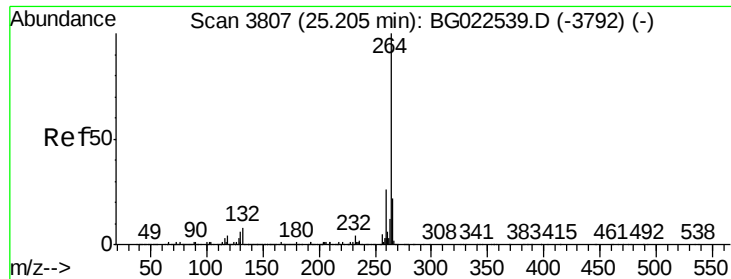


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3808
Delta R.T. 0.00 min
Lab File: BG022628.D
Acq: 27 Jun 2016 3:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 1311760

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	23.1	18.9	28.3

