

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062716\
 Data File : BG022642.D
 Acq On : 27 Jun 2016 14:22
 Operator : UM/SJ
 Sample : H3701-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2D

Quant Time: Jun 28 01:13:40 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	8.16	152	161242	20.00	ng	-0.02
21) Naphthalene-d8	10.98	136	692756	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	510447	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1340509	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1523602	20.00	ng	0.00
86) Perylene-d12	25.21	264	1585443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1098112	109.23	ng	0.00
7) Phenol-d6	7.31	99	1516685	107.04	ng	0.00
23) Nitrobenzene-d5	9.33	82	1216171	74.30	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	999399	124.48	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2305060	71.61	ng	0.00
78) Terphenyl-d14	20.16	244	3333719	57.97	ng	0.00

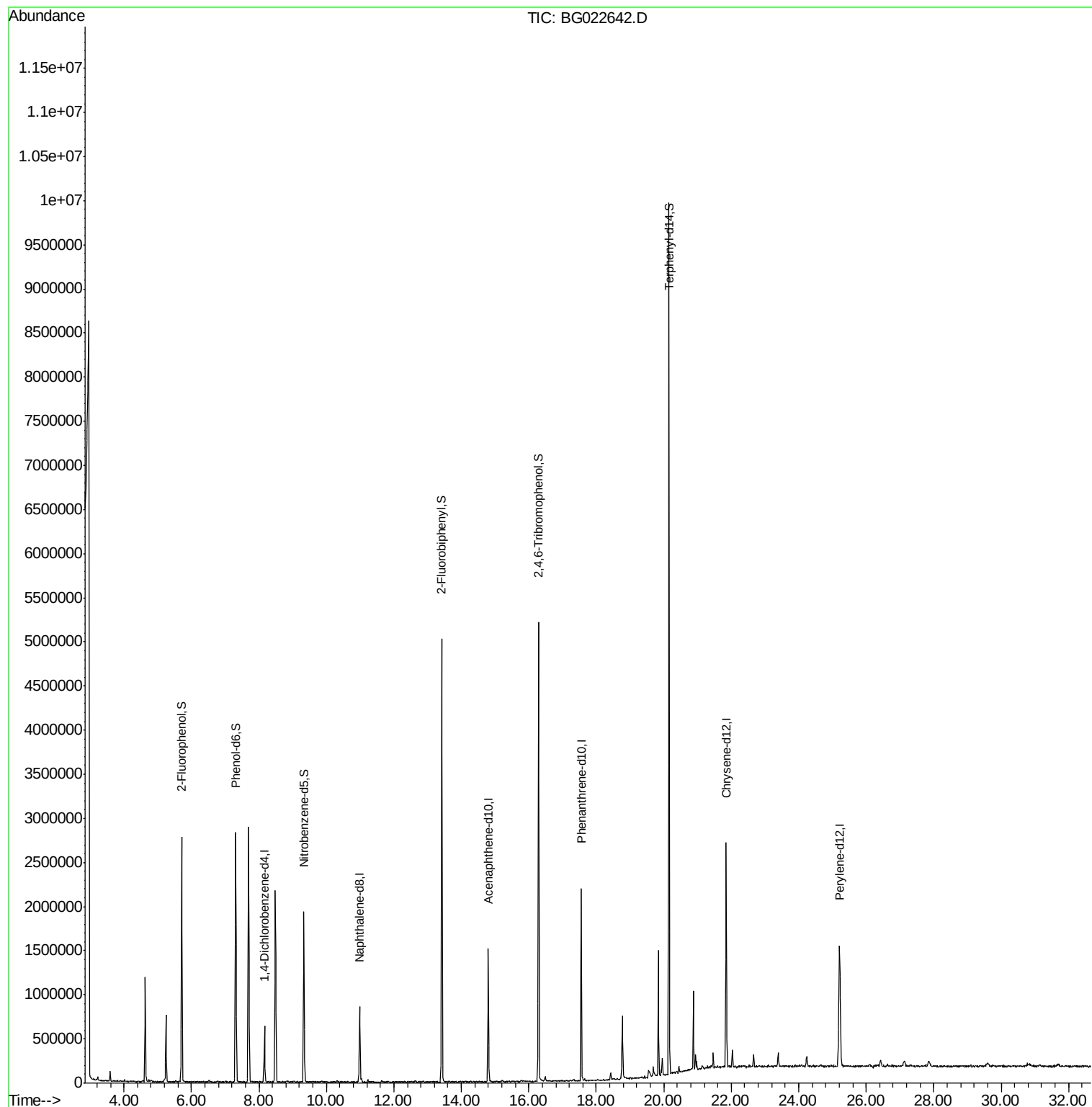
Target Compounds Qvalue

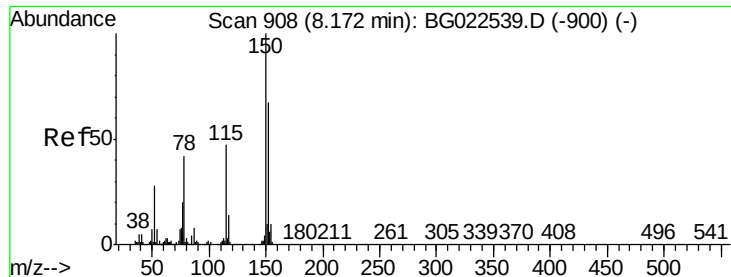
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG022642.D

Acq: 27 Jun 2016 14:22

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2D

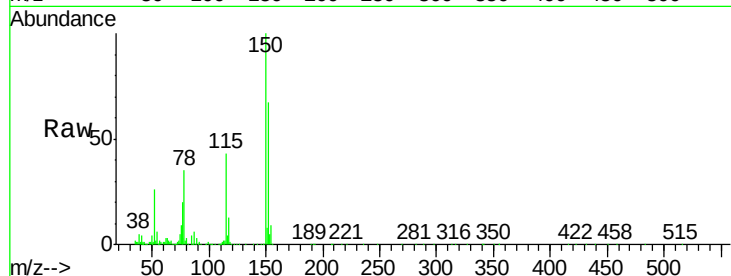
Tot Ion:152 Resp: 161242

Ion Ratio Lower Upper

152 100

150 148.4 144.7 217.1

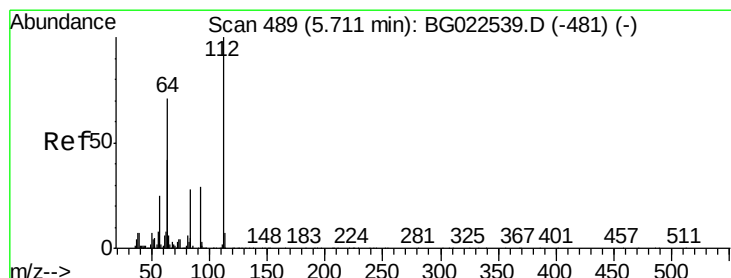
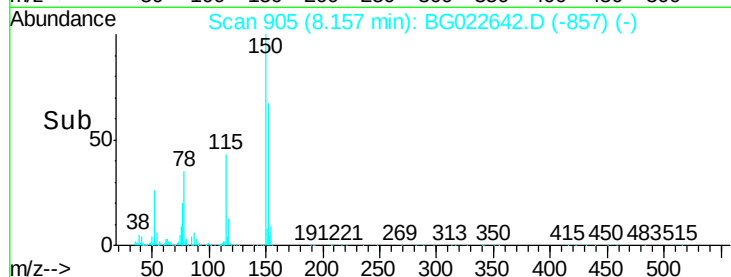
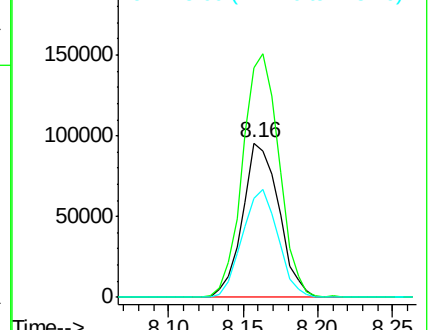
115 64.5 64.0 96.0



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: 109.23 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022642.D

Acq: 27 Jun 2016 14:22

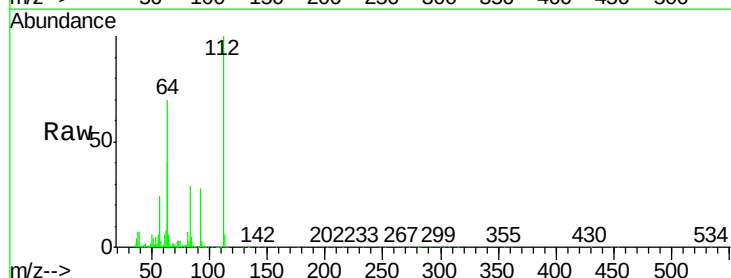
Tgt Ion:112 Resp: 1098112

Ion Ratio Lower Upper

112 100

64 69.8 59.0 88.4

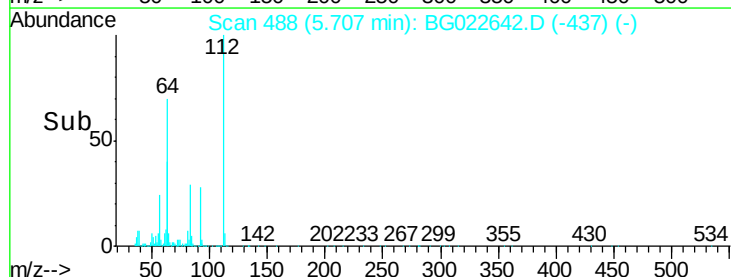
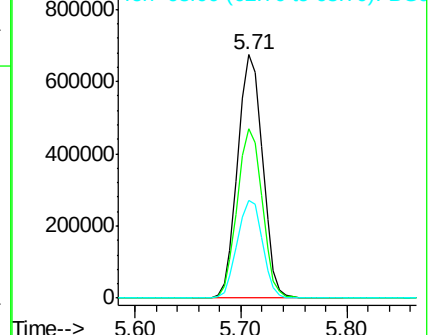
63 40.3 37.8 56.8

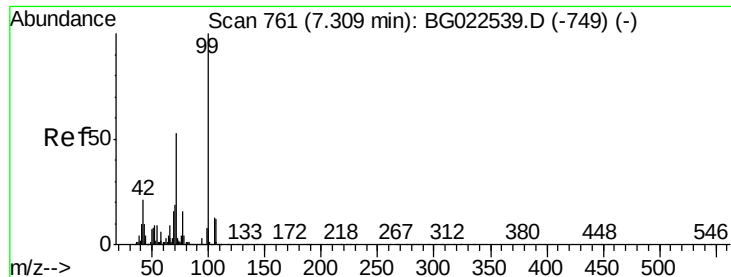


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 107.04 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022642.D

Acq: 27 Jun 2016 14:22

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2D

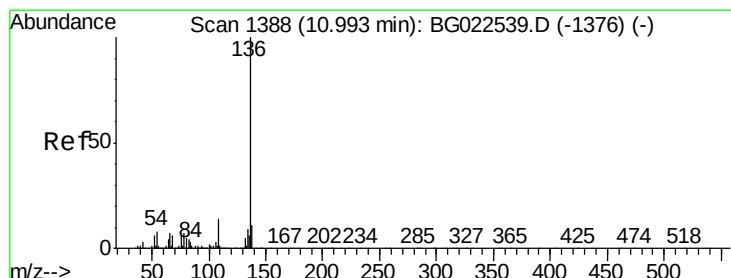
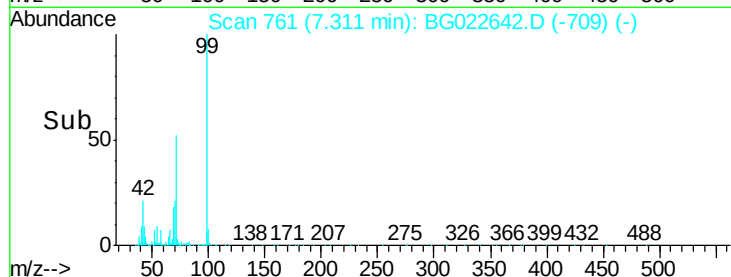
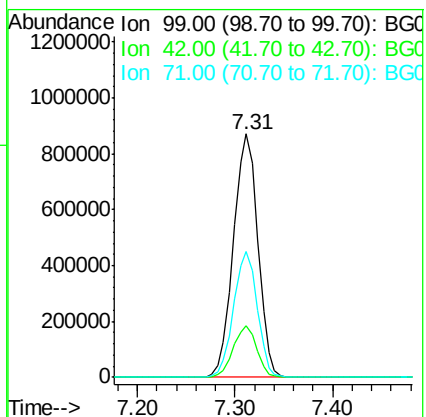
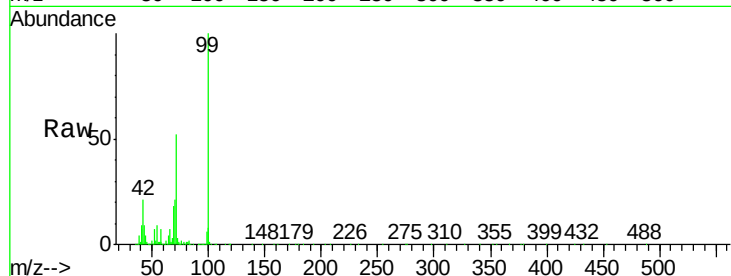
Tot Ion: 99 Resp: 151685

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.8	26.6
71	51.6	41.5	62.3

99 100

42 21.0 17.8 26.6

71 51.6 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022642.D

Acq: 27 Jun 2016 14:22

Tgt Ion: 136 Resp: 692756

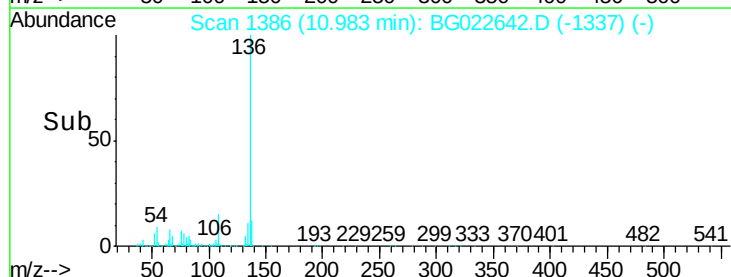
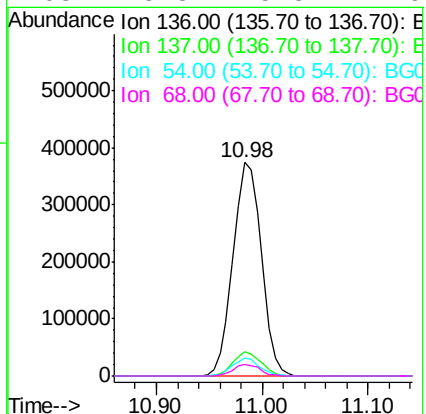
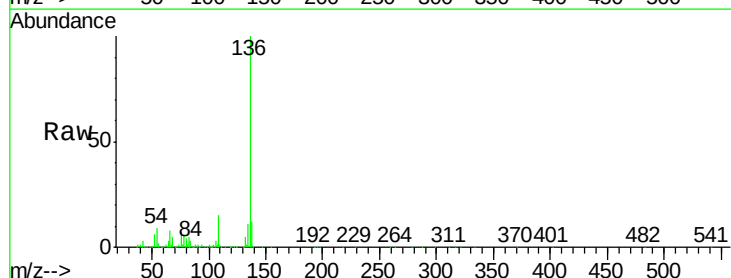
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	8.6	7.3	10.9
68	5.3	5.3	7.9#

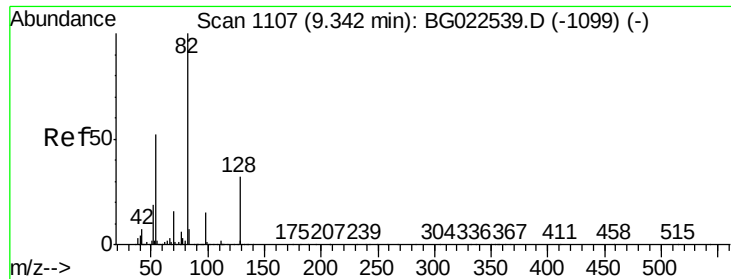
136 100

137 11.7 9.6 14.4

54 8.6 7.3 10.9

68 5.3 5.3 7.9#

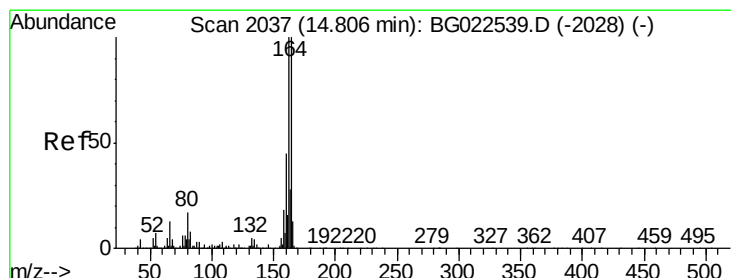
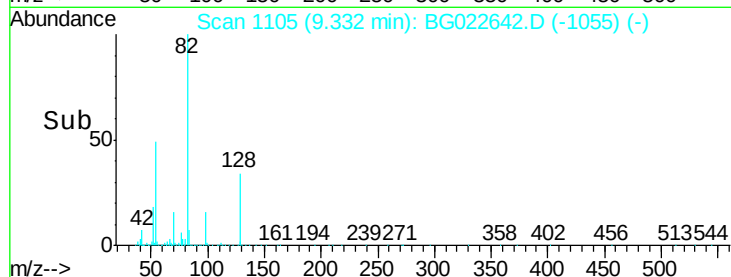
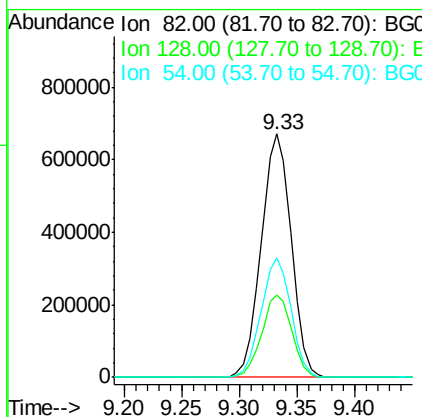
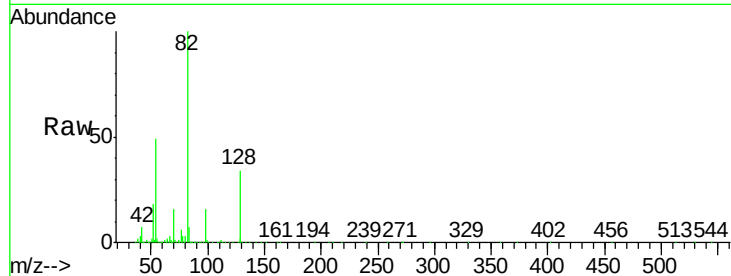




#23
 Nitrobenzene-d5
 Concen: 74.30 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022642.D
 Acq: 27 Jun 2016 14:22

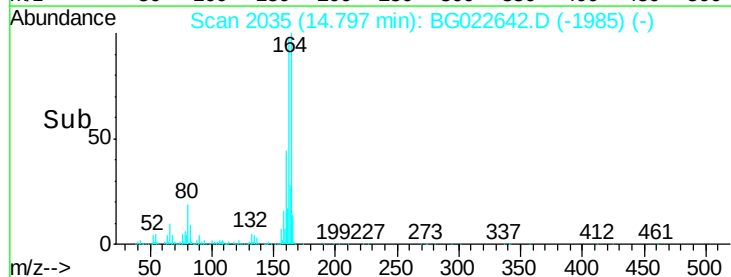
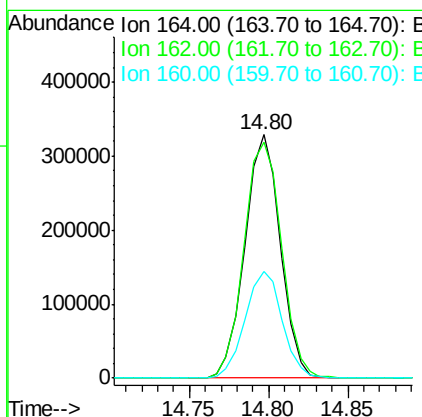
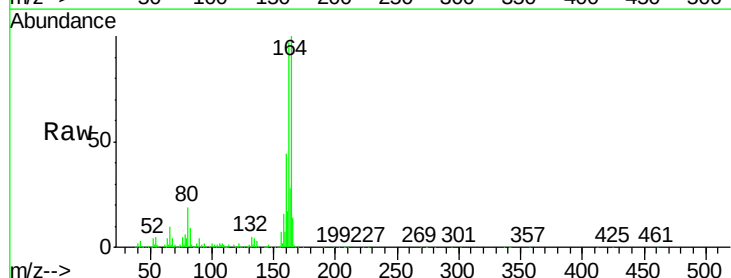
Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2D

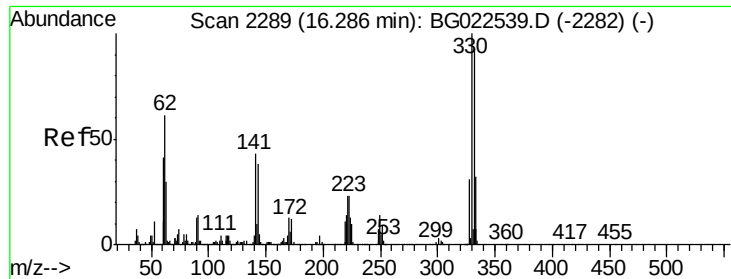
Tot Ion: 82 Resp: 1216171
 Ion Ratio Lower Upper
 82 100
 128 34.1 24.4 36.6
 54 49.3 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG022642.D
 Acq: 27 Jun 2016 14:22

Tgt Ion: 164 Resp: 510447
 Ion Ratio Lower Upper
 164 100
 162 97.1 87.7 131.5
 160 44.0 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 124.48 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG022642.D

Acq: 27 Jun 2016 14:22

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2D

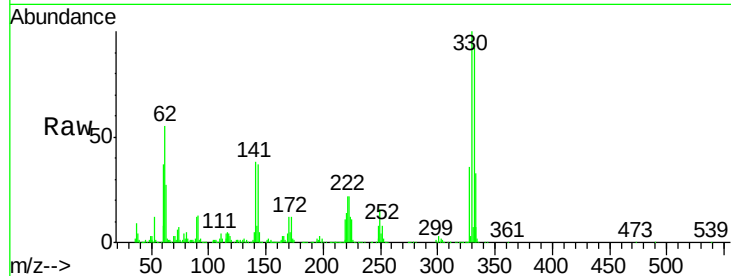
Tot Ion:330 Resp: 999399

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.2

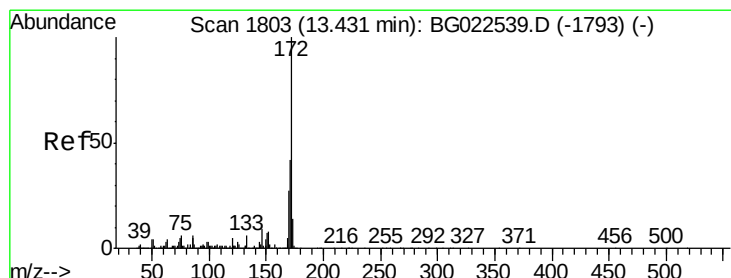
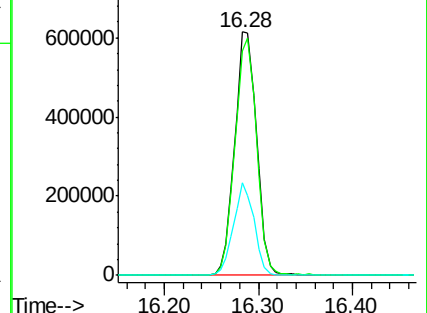
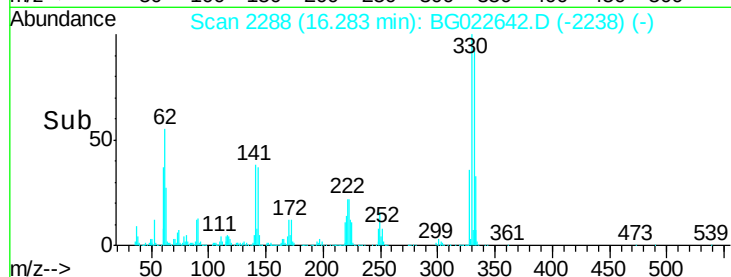
141 35.7 31.7 47.5



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: 71.61 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG022642.D

Acq: 27 Jun 2016 14:22

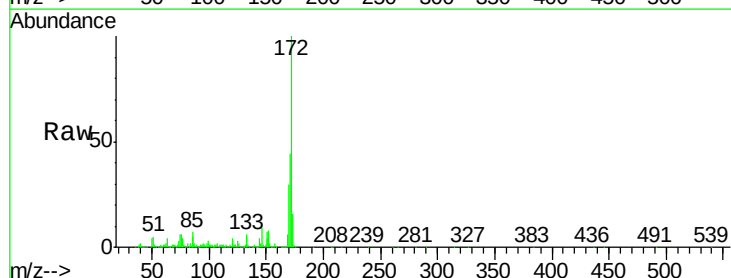
Tgt Ion:172 Resp: 2305060

Ion Ratio Lower Upper

172 100

171 43.9 31.6 47.4

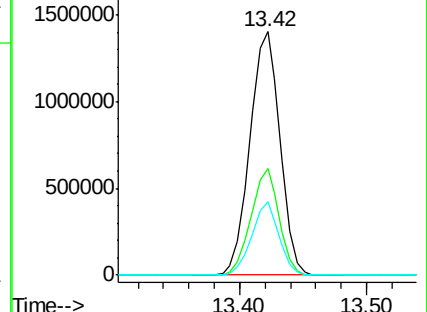
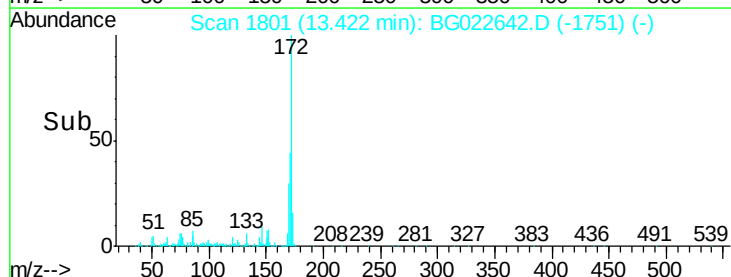
170 30.1 21.3 31.9

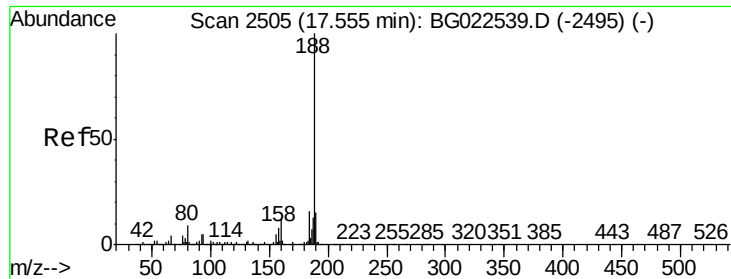


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

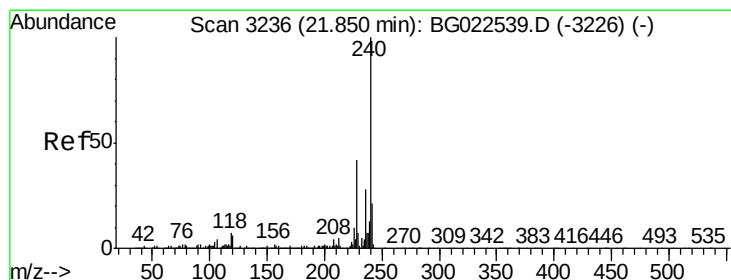
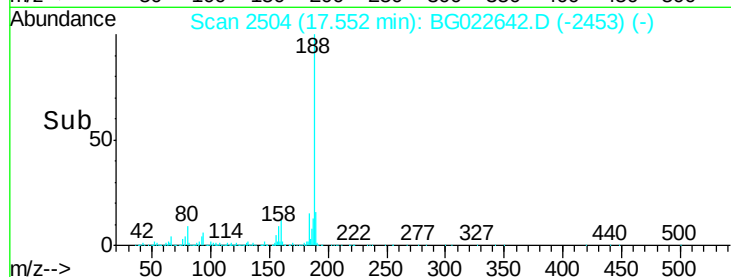
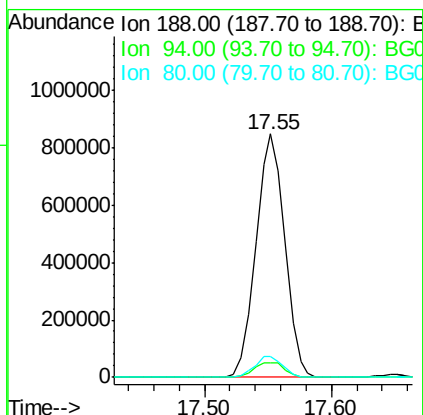
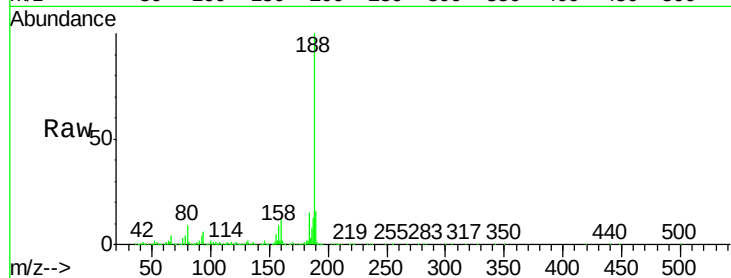




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022642.D
Acq: 27 Jun 2016 14:22

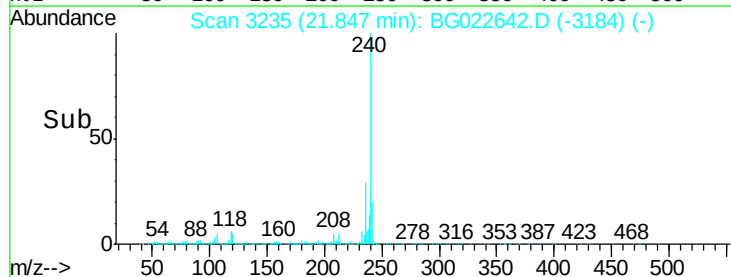
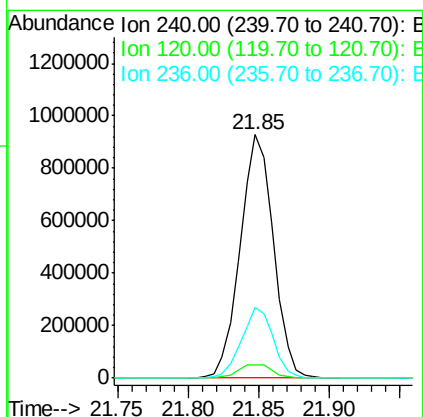
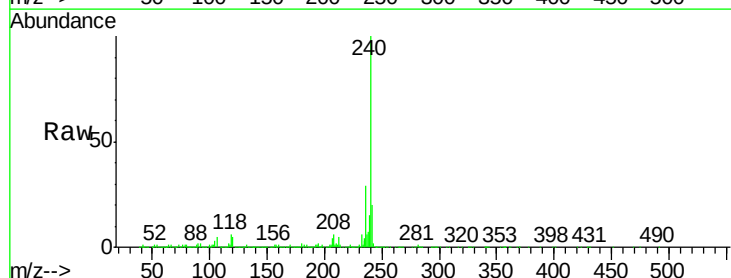
Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2D

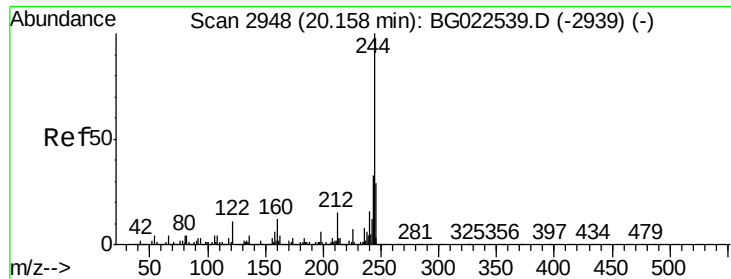
Tot Ion:188 Resp: 1340509
Ion Ratio Lower Upper
188 100
94 6.0 5.2 7.8
80 8.6 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022642.D
Acq: 27 Jun 2016 14:22

Tgt Ion:240 Resp: 1523602
Ion Ratio Lower Upper
240 100
120 5.3 4.1 6.1
236 29.1 21.1 31.7





#78

Terphenyl-d14

Concen: 57.97 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022642.D

Acq: 27 Jun 2016 14:22

Instrument :

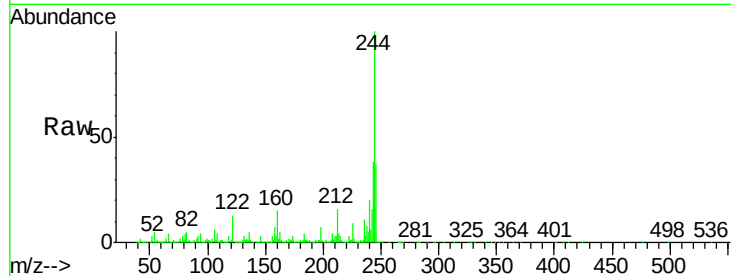
BNA_G

ClientSampleId :

TEC-COMP-B2D

Tot Ion:244 Resp: 3333719

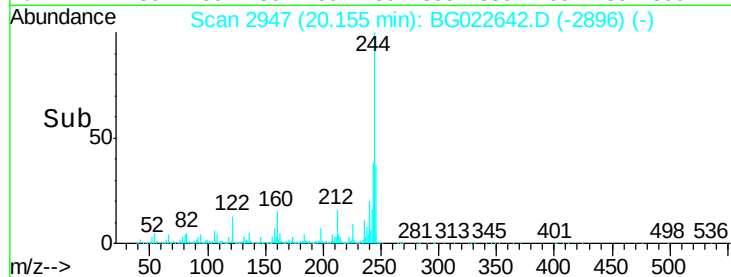
Ion	Ratio	Lower	Upper
244	100		
212	16.2	10.8	16.2
122	13.4	8.0	12.0



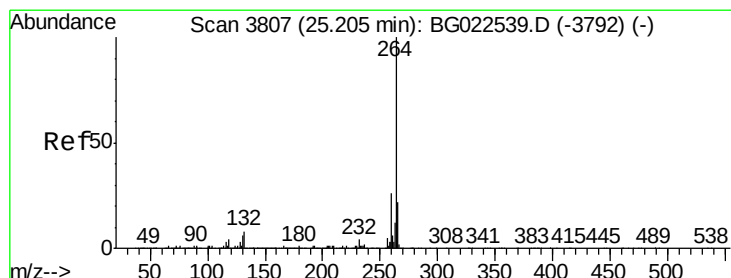
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

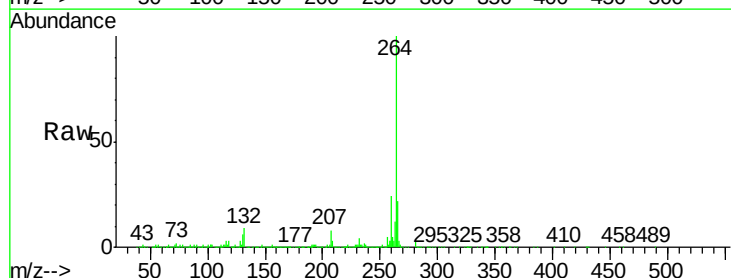
Delta R.T. 0.00 min

Lab File: BG022642.D

Acq: 27 Jun 2016 14:22

Tgt Ion:264 Resp: 1585443

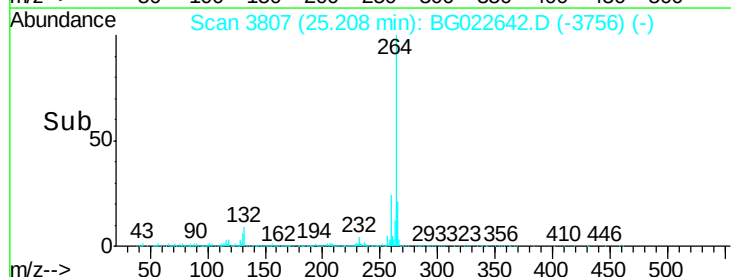
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.4	27.6
265	21.7	18.9	28.3



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



Time-->