

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022605.D
 Acq On : 26 Jun 2016 11:25
 Operator : UM/SJ
 Sample : H3713-02
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 01:09:32 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

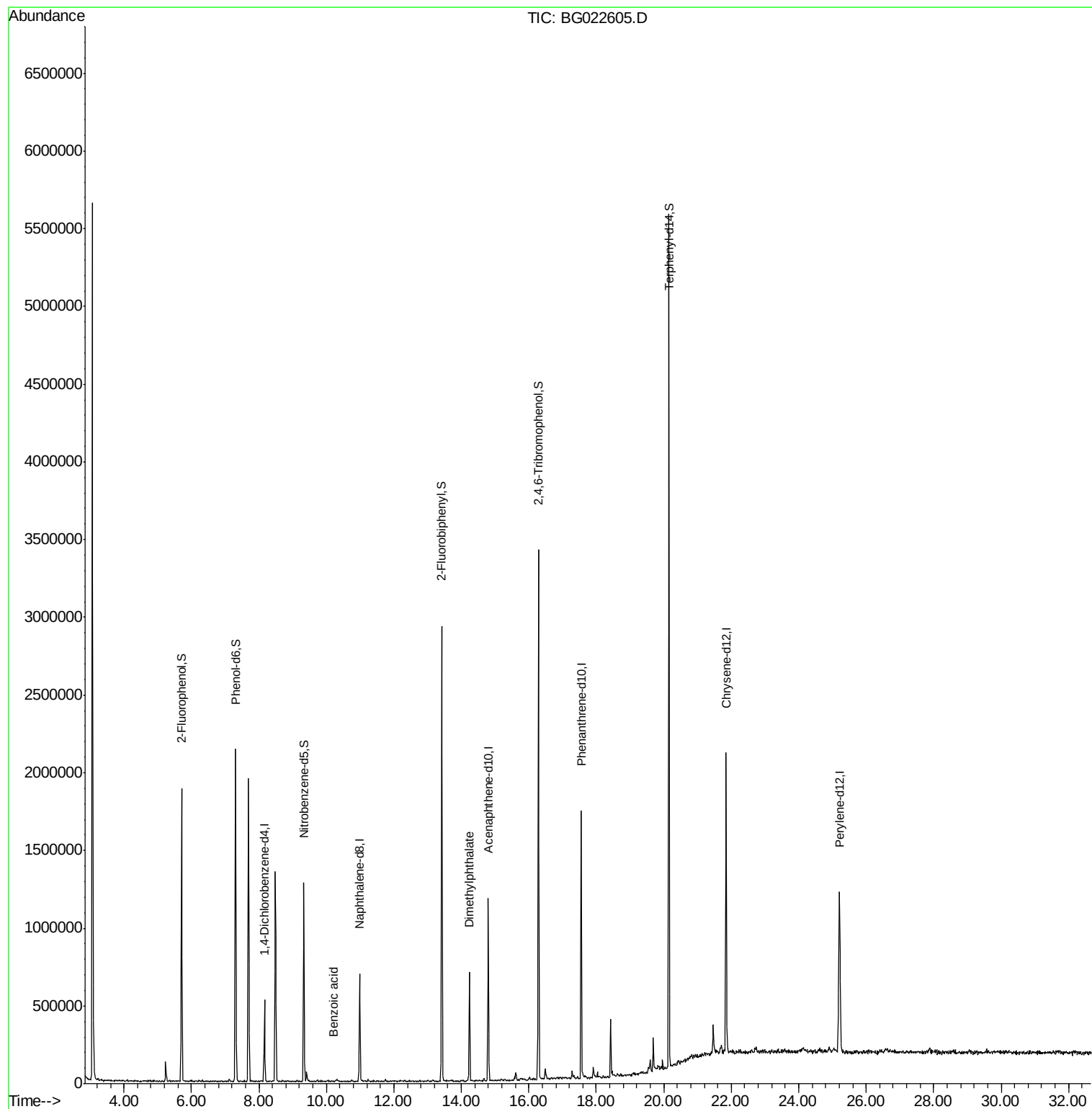
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	135700	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	546210	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	392087	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1045517	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1194092	20.00	ng	0.00
86) Perylene-d12	25.21	264	1203936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	773212	91.39	ng	0.00
7) Phenol-d6	7.31	99	1182568	99.17	ng	0.00
23) Nitrobenzene-d5	9.33	82	810360	62.79	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	622199	100.89	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1430488	57.86	ng	0.00
78) Terphenyl-d14	20.16	244	2183223	48.44	ng	0.00
Target Compounds						
32) Benzoic acid	10.21	122	106	5.13	ng	Qvalue # 1
49) Dimethylphthalate	14.24	163	424935	13.06	ng	97

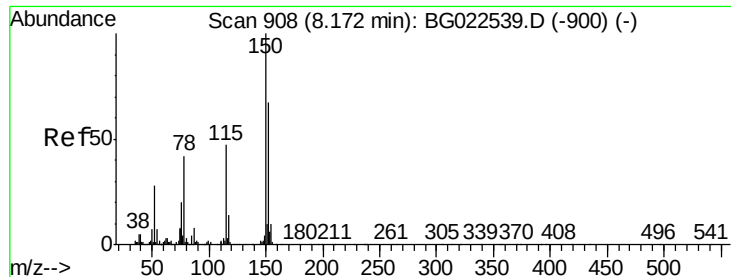
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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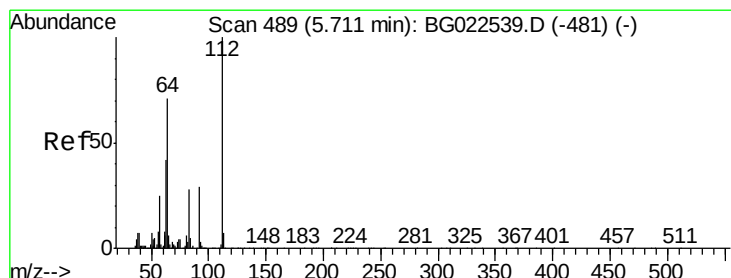
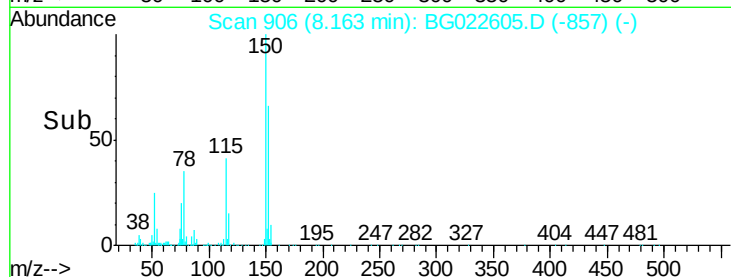
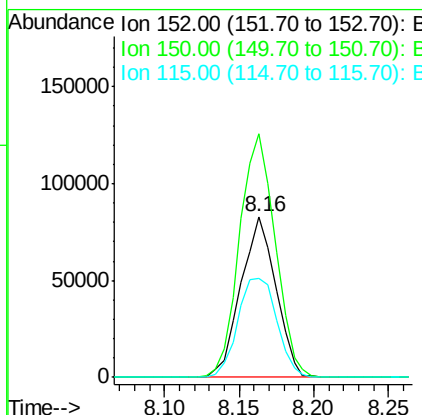
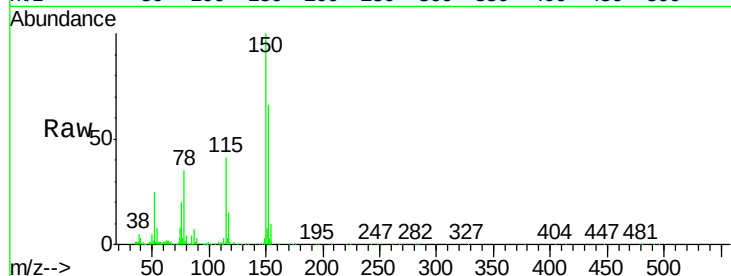


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022605.D
Acq: 26 Jun 2016 11:25

Instrument :
BNA_G
ClientSampleId :

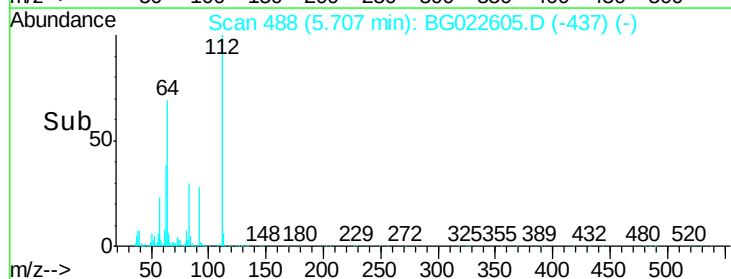
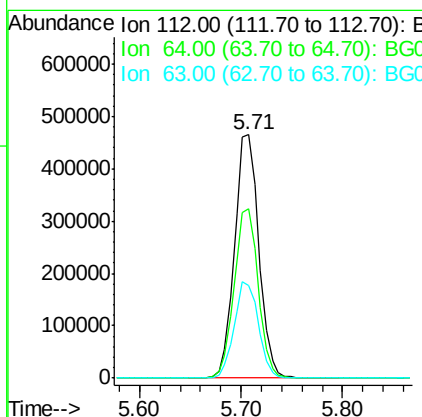
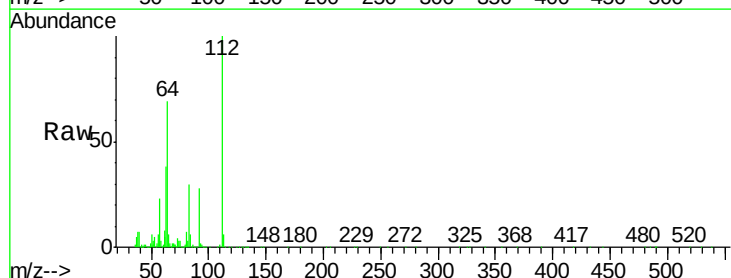
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	144.7	217.1
115	61.9	64.0	96.0

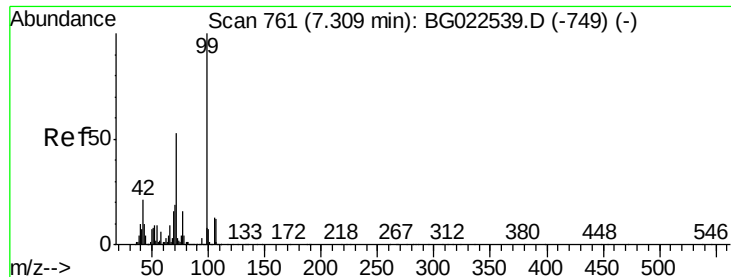


#5

2-Fluorophenol
Concen: 91.39 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022605.D
Acq: 26 Jun 2016 11:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	59.0	88.4
63	38.1	37.8	56.8





#7

Phenol-d6

Concen: 99.17 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022605.D

Acq: 26 Jun 2016 11:25

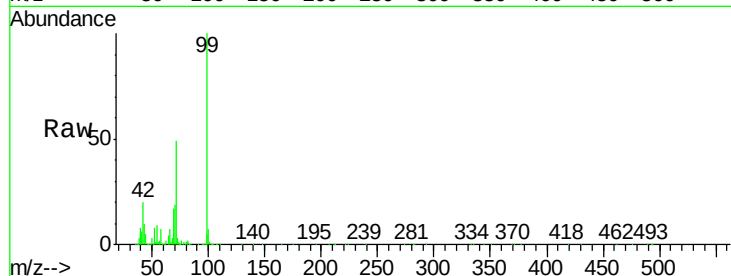
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1182568

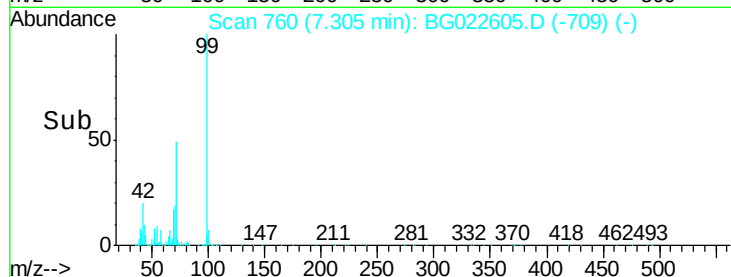
Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.8	26.6
71	49.5	41.5	62.3



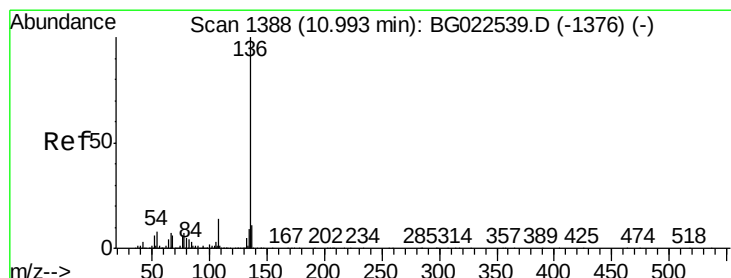
Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time--> 7.20 7.30 7.40



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

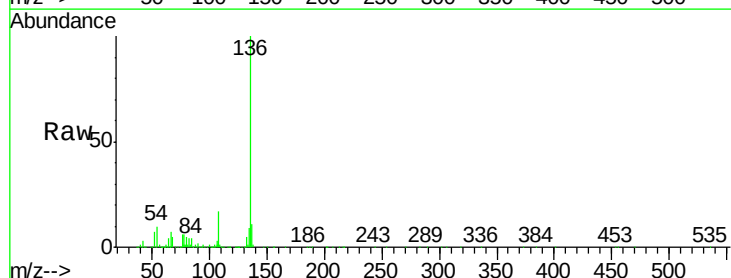
Delta R.T. -0.01 min

Lab File: BG022605.D

Acq: 26 Jun 2016 11:25

Tgt Ion: 136 Resp: 546210

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	10.0	7.3	10.9
68	4.9	5.3	7.9#

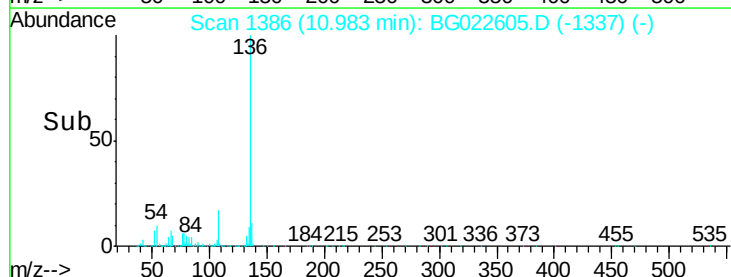


Abundance Ion 136.00 (135.70 to 136.70): BGC

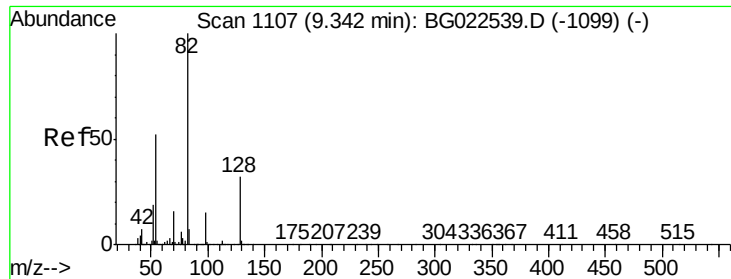
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



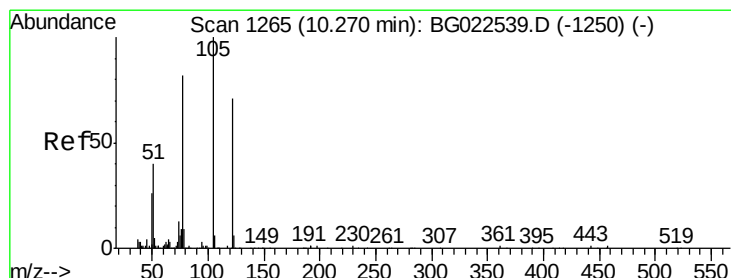
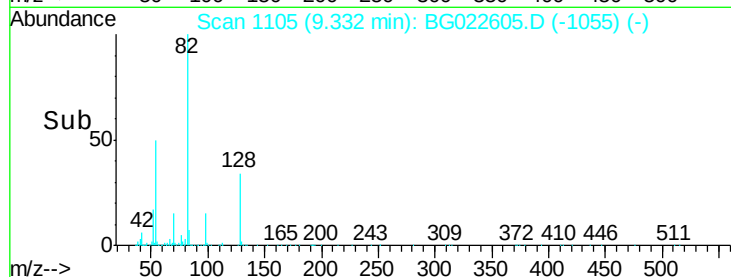
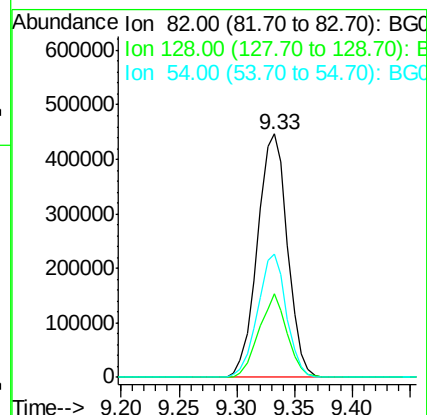
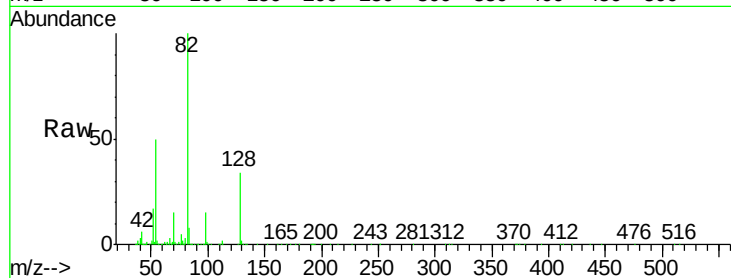
Time--> 10.90 10.95 11.00 11.05



#23
 Nitrobenzene-d5
 Concen: 62.79 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022605.D
 Acq: 26 Jun 2016 11:25

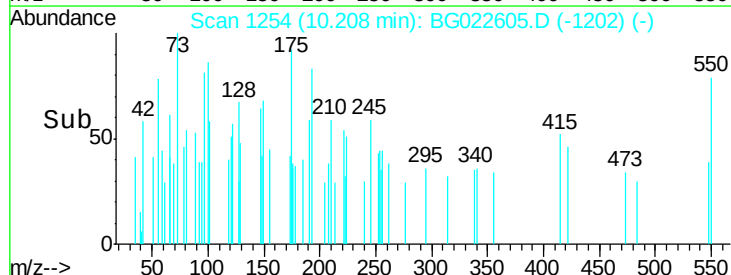
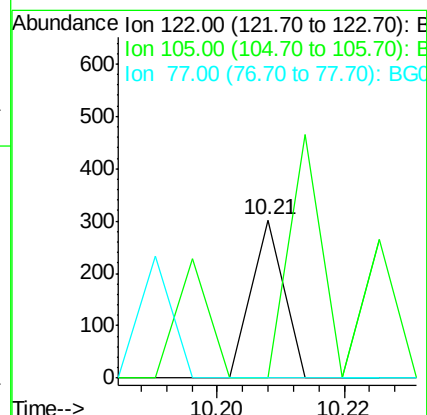
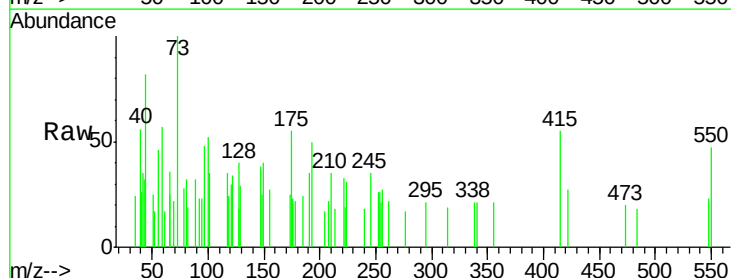
Instrument :
 BNA_G
 ClientSampled :

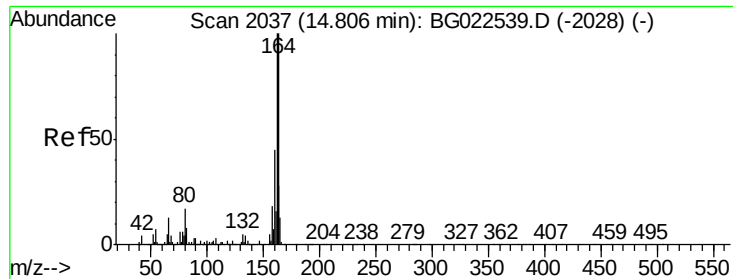
Tot Ion: 82 Resp: 810360
 Ion Ratio Lower Upper
 82 100
 128 34.4 24.4 36.6
 54 50.4 41.4 62.0



#32
 Benzoic acid
 Concen: 5.13 ng
 RT: 10.21 min Scan# 1254
 Delta R.T. 0.01 min
 Lab File: BG022605.D
 Acq: 26 Jun 2016 11:25

Tgt Ion: 122 Resp: 106
 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: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022605.D

Acq: 26 Jun 2016 11:25

Instrument :

BNA_G

ClientSampleId :

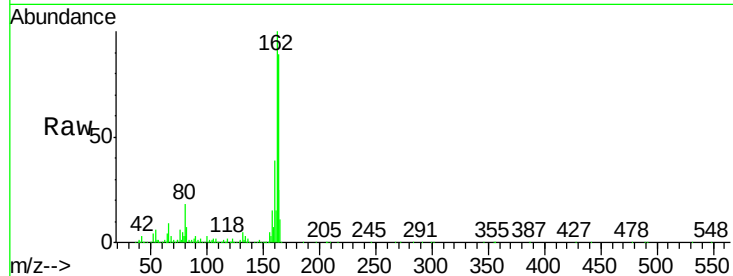
Tot Ion:164 Resp: 392087

Ion Ratio Lower Upper

164 100

162 111.9 87.7 131.5

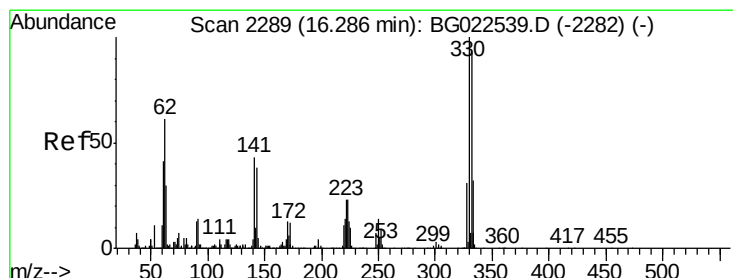
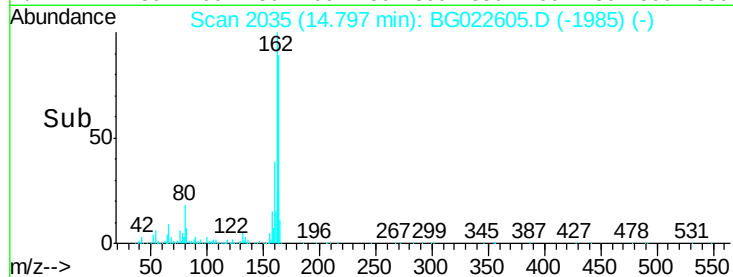
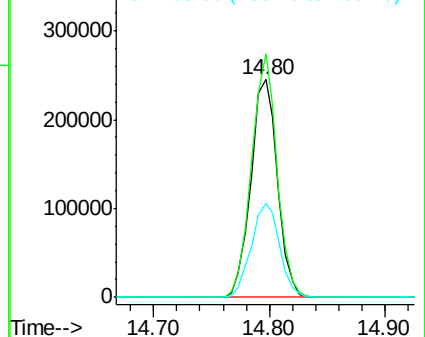
160 43.1 37.2 55.8



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: 100.89 ng

RT: 16.28 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BG022605.D

Acq: 26 Jun 2016 11:25

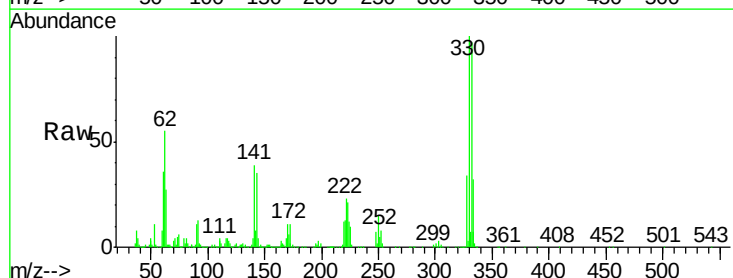
Tgt Ion:330 Resp: 622199

Ion Ratio Lower Upper

330 100

332 95.4 77.4 116.2

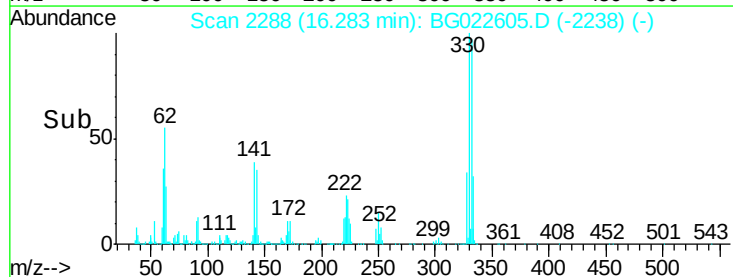
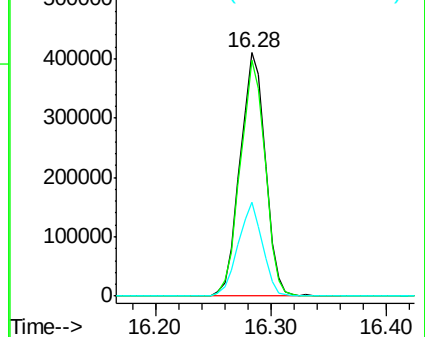
141 37.3 31.7 47.5

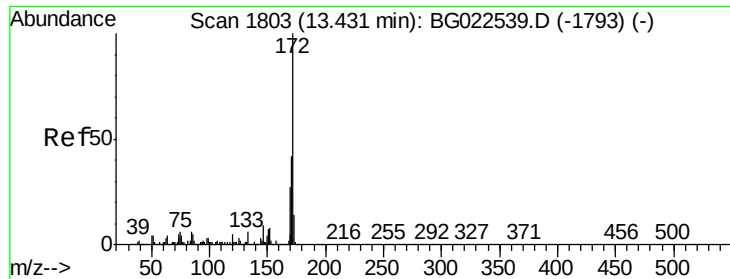


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

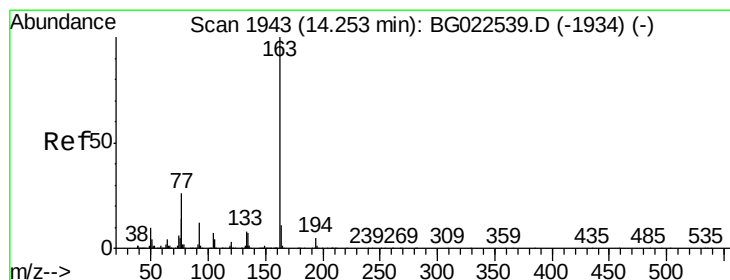
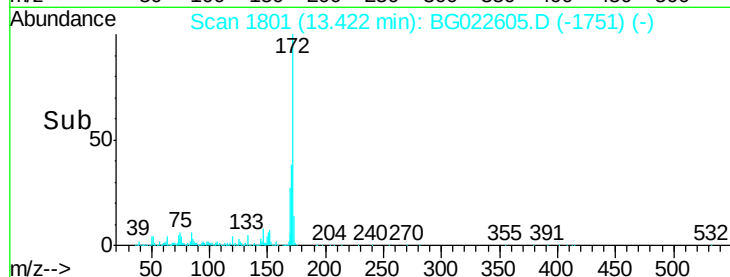
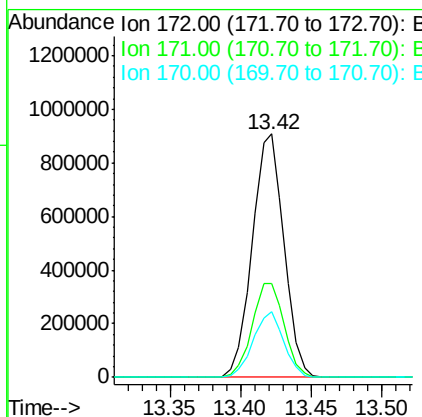
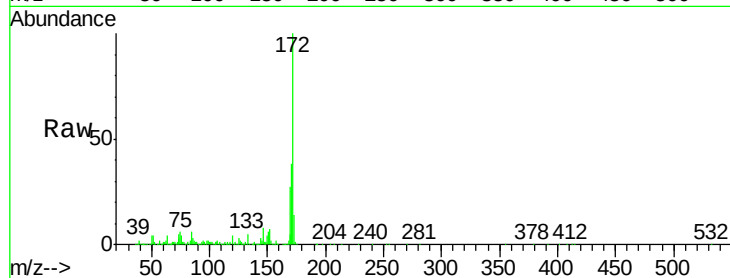




#44
2-Fluorobiphenyl
Concen: 57.86 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022605.D
Acq: 26 Jun 2016 11:25

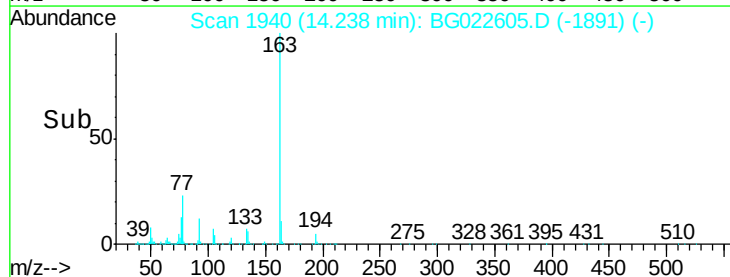
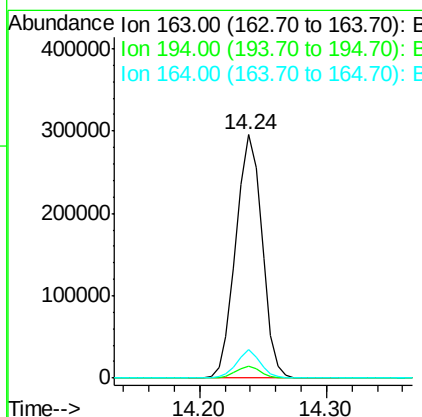
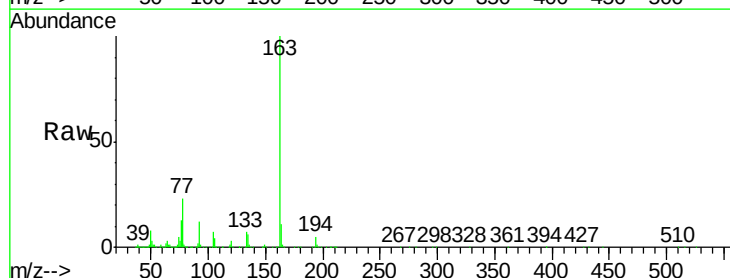
Instrument :
BNA_G
ClientSampleId :

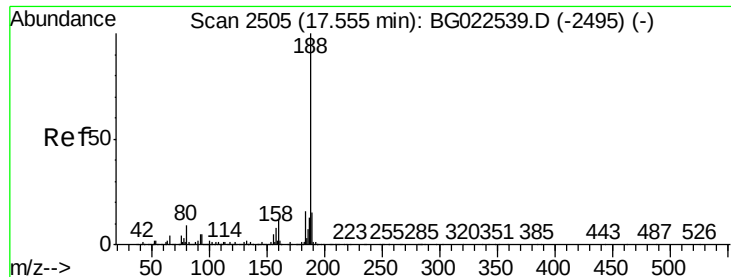
Tot Ion:172 Resp: 1430488
Ion Ratio Lower Upper
172 100
171 38.4 31.6 47.4
170 26.9 21.3 31.9



#49
Dimethylphthalate
Concen: 13.06 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG022605.D
Acq: 26 Jun 2016 11:25

Tgt Ion:163 Resp: 424935
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 11.5 8.1 12.1

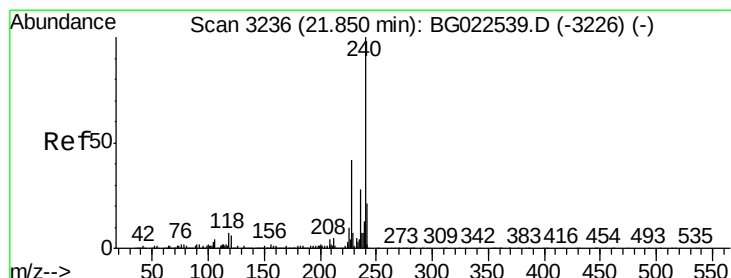
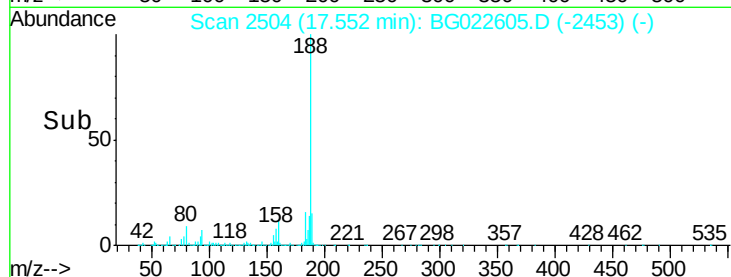
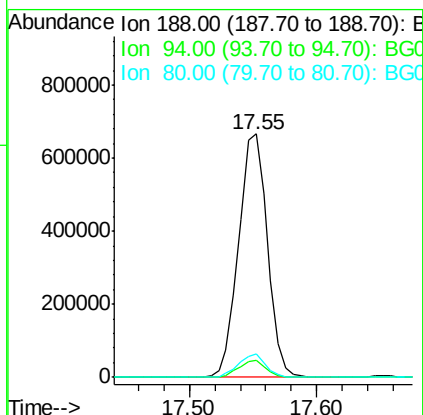
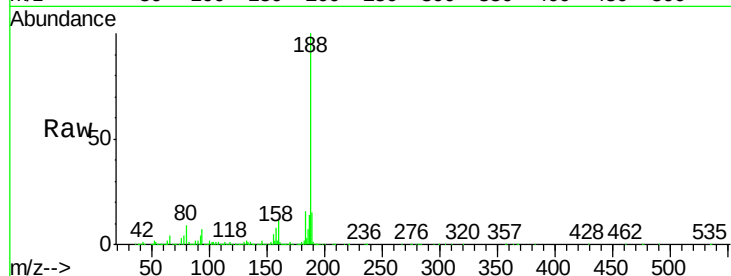




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. 0.00 min
Lab File: BG022605.D
Acq: 26 Jun 2016 11:25

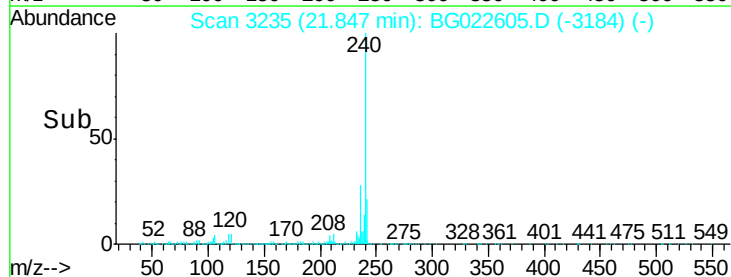
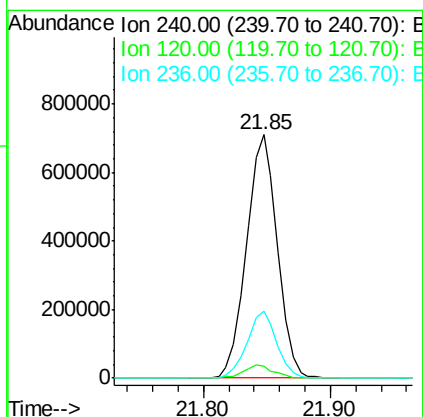
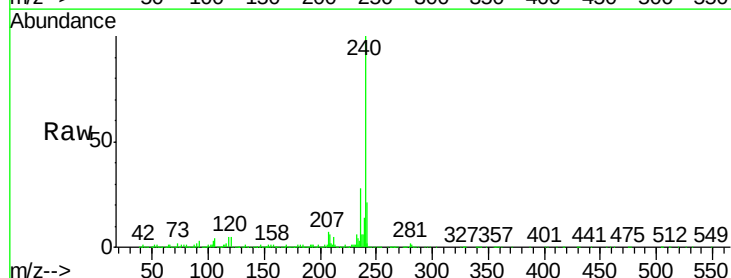
Instrument :
BNA_G
ClientSampleId :

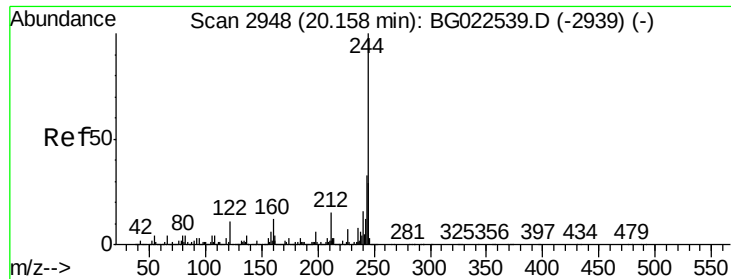
Tot Ion:188 Resp: 1045517
Ion Ratio Lower Upper
188 100
94 7.1 5.2 7.8
80 9.5 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022605.D
Acq: 26 Jun 2016 11:25

Tgt Ion:240 Resp: 1194092
Ion Ratio Lower Upper
240 100
120 5.1 4.1 6.1
236 27.5 21.1 31.7





#78

Terphenyl-d14

Concen: 48.44 ng

RT: 20.16 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022605.D

Acq: 26 Jun 2016 11:25

Instrument :

BNA_G

ClientSampleId :

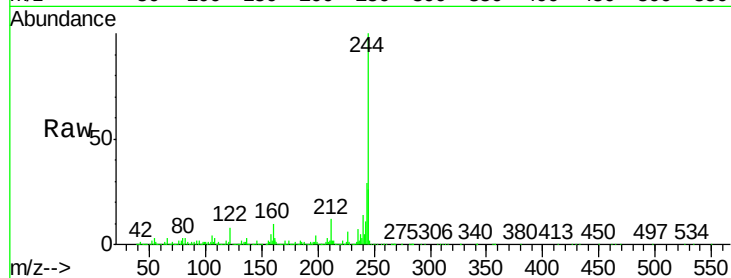
Tot Ion:244 Resp: 2183223

Ion Ratio Lower Upper

244 100

212 11.8 10.8 16.2

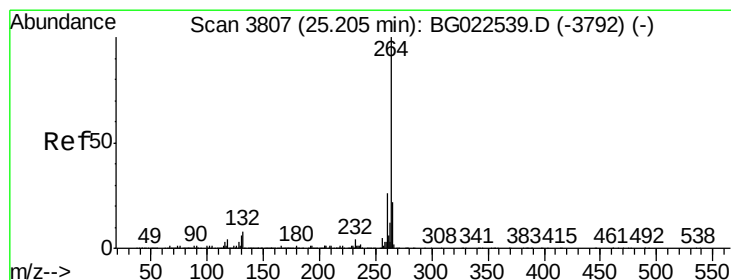
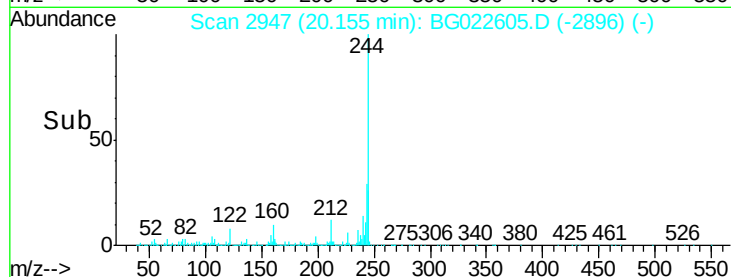
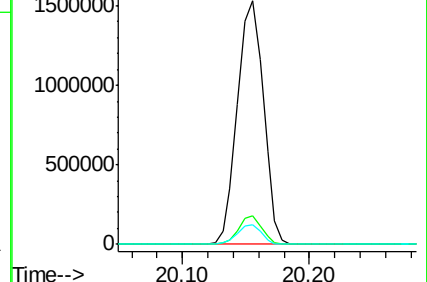
122 8.2 8.0 12.0



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: 25.21 min Scan# 3807

Delta R.T. 0.00 min

Lab File: BG022605.D

Acq: 26 Jun 2016 11:25

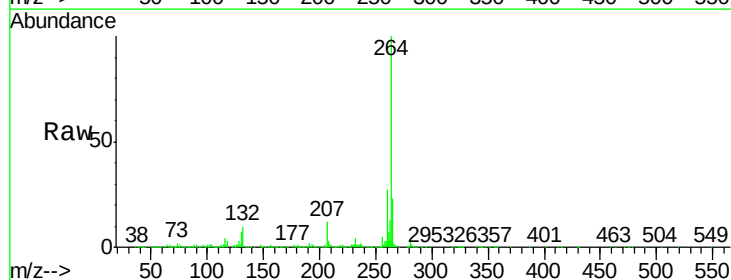
Tgt Ion:264 Resp: 1203936

Ion Ratio Lower Upper

264 100

260 26.8 18.4 27.6

265 22.6 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

