

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062616\
 Data File : BG022624.D
 Acq On : 27 Jun 2016 00:44
 Operator : UM/SJ
 Sample : H3741-01
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 03:18:04 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

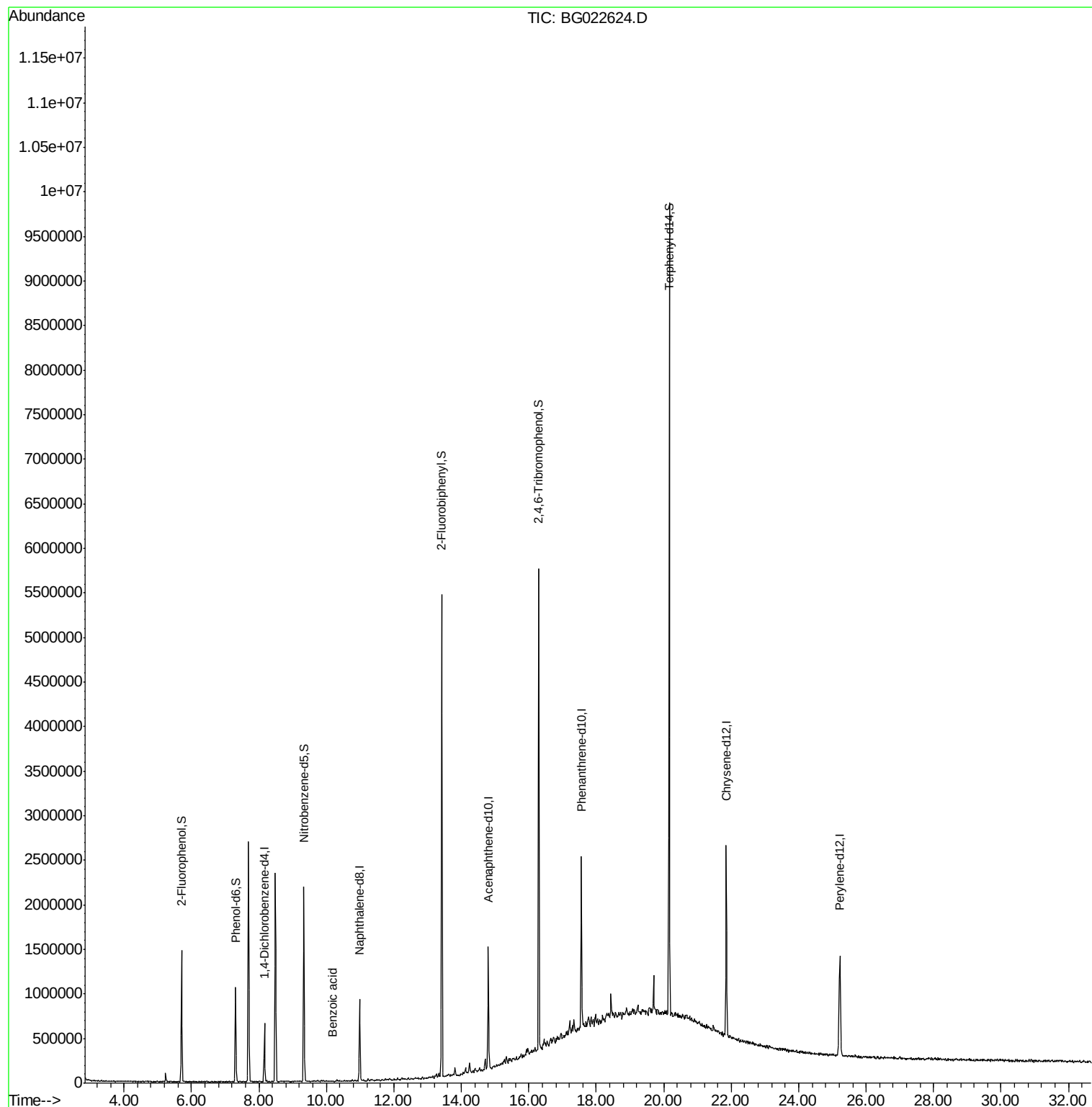
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	170161	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	705978	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	475665	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1129002	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1308825	20.00	ng	0.00
86) Perylene-d12	25.22	264	1342243	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	603021	56.84	ng	0.00
7) Phenol-d6	7.31	99	590044	39.46	ng	0.00
23) Nitrobenzene-d5	9.33	82	1389382	83.29	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	1031526	137.88	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2542877	84.78	ng	0.00
78) Terphenyl-d14	20.16	244	3223322	65.25	ng	0.00
Target Compounds						
32) Benzoic acid	10.17	122	828	5.20	ng	Qvalue # 35

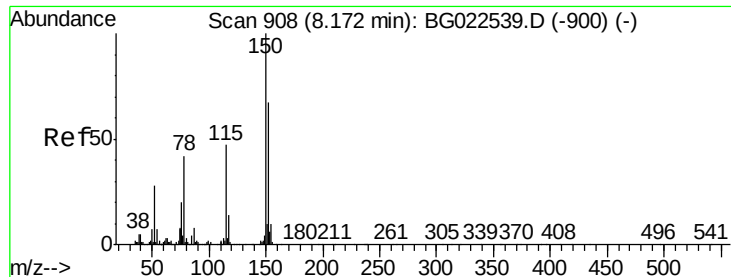
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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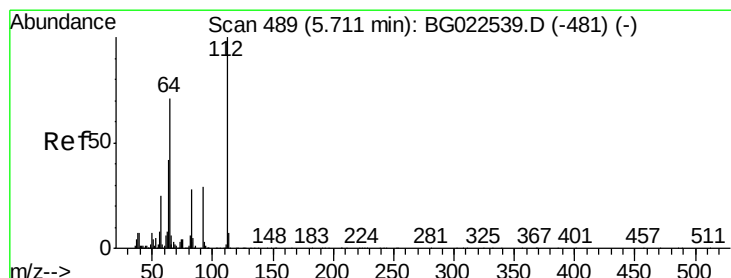
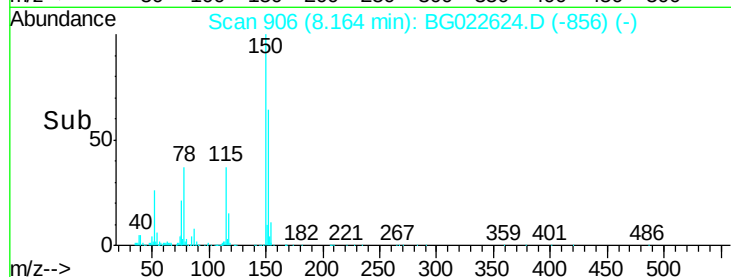
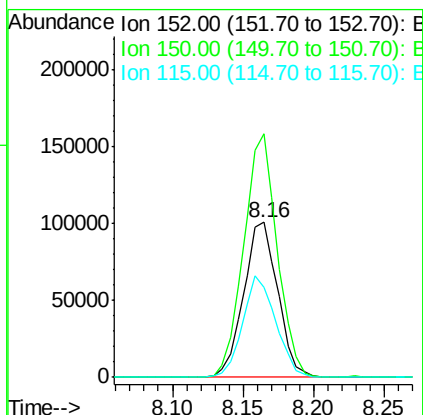
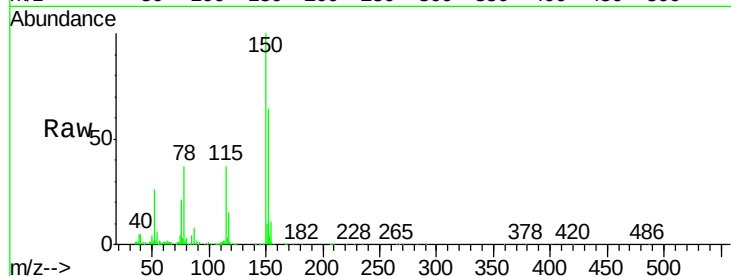


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022624.D
Acq: 27 Jun 2016 00:44

Instrument :
BNA_G
ClientSampleId :

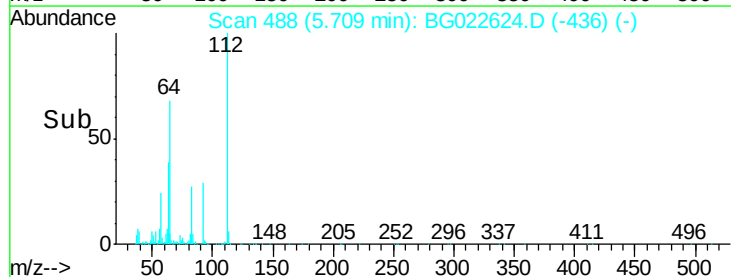
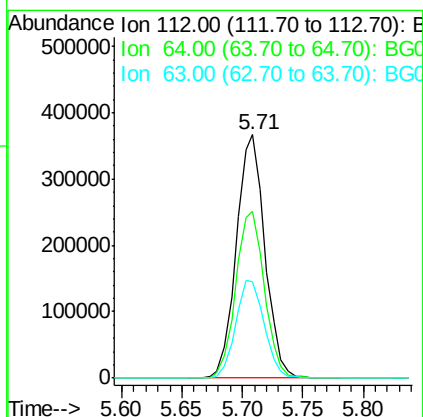
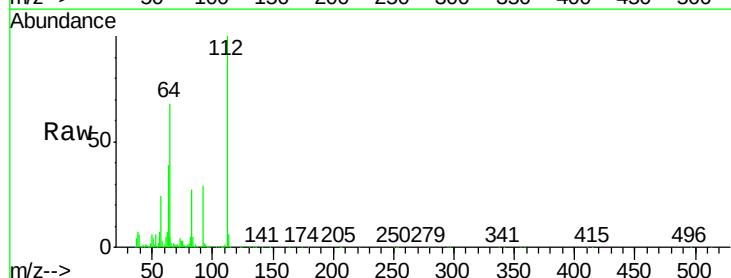
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	144.7	217.1
115	58.3	64.0	96.0

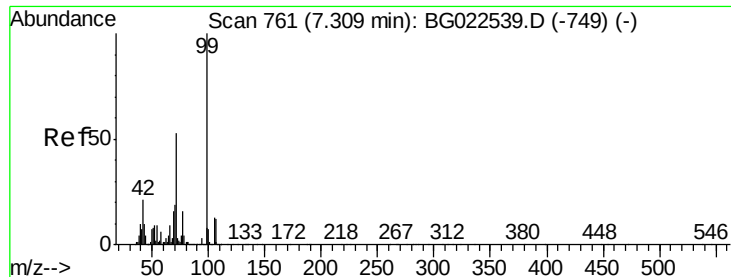


#5

2-Fluorophenol
Concen: 56.84 ng
RT: 5.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG022624.D
Acq: 27 Jun 2016 00:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	59.0	88.4
63	39.5	37.8	56.8





#7

Phenol-d6

Concen: 39.46 ng

RT: 7.31 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

Instrument :

BNA_G

ClientSampleId :

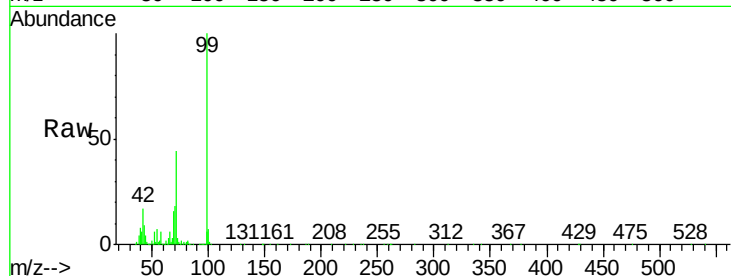
Tot Ion: 99 Resp: 590044

Ion Ratio Lower Upper

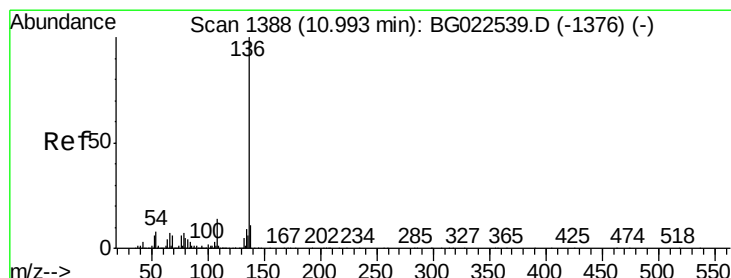
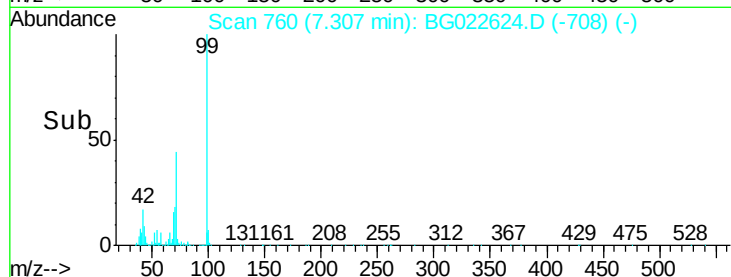
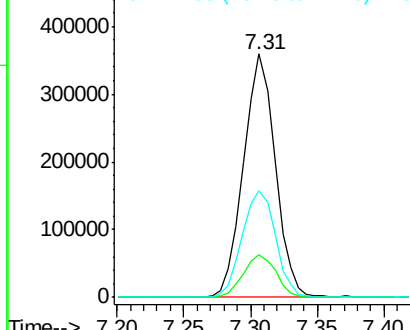
99 100

42 17.3 17.8 26.6#

71 44.0 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: 10.98 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

Tgt Ion: 136 Resp: 705978

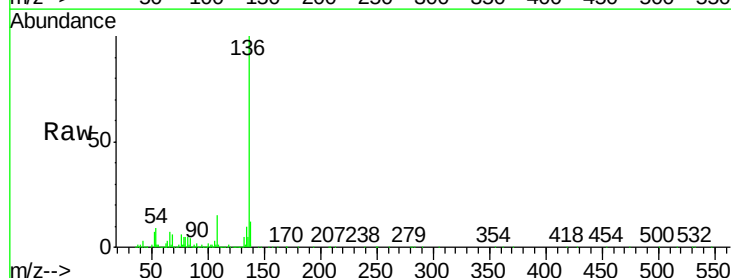
Ion Ratio Lower Upper

136 100

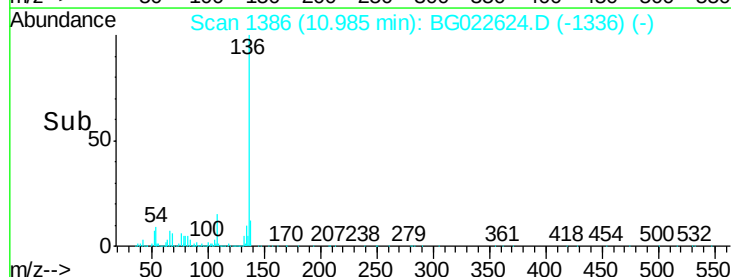
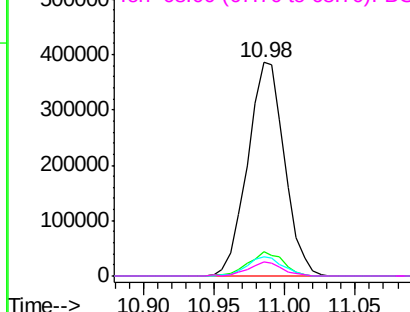
137 11.6 9.6 14.4

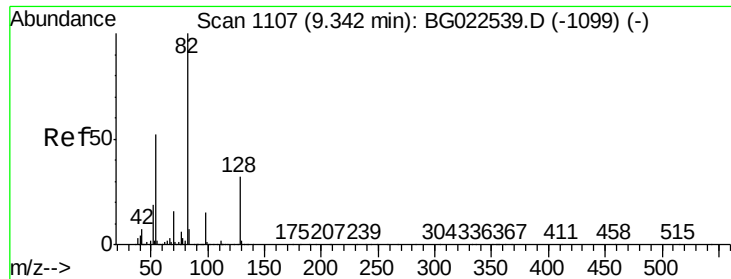
54 8.9 7.3 10.9

68 6.5 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

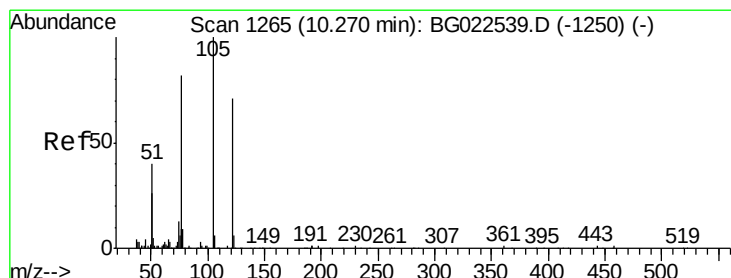
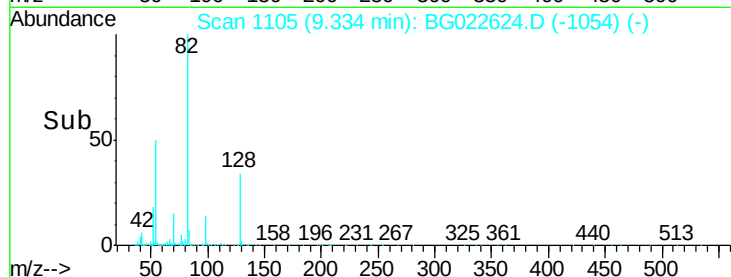
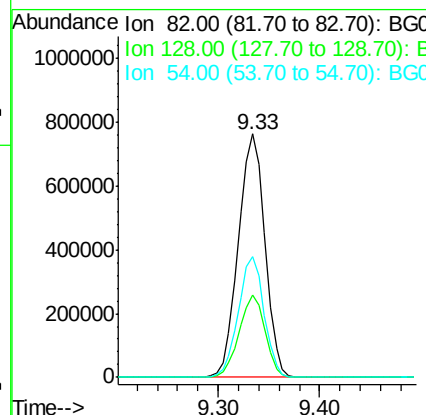
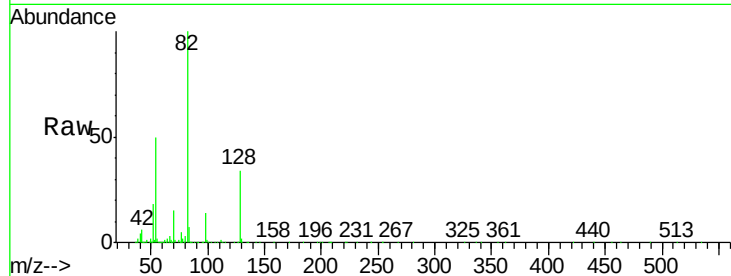




#23
 Nitrobenzene-d5
 Concen: 83.29 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022624.D
 Acq: 27 Jun 2016 00:44

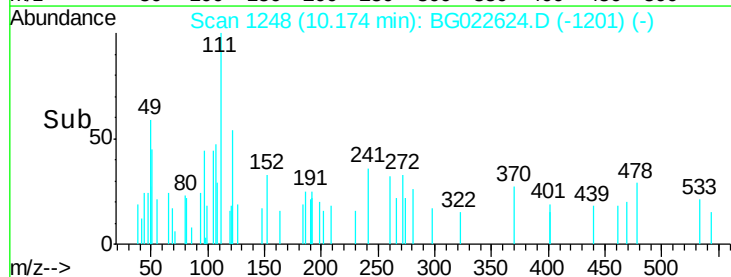
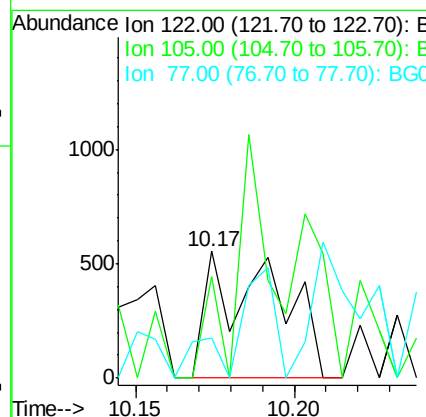
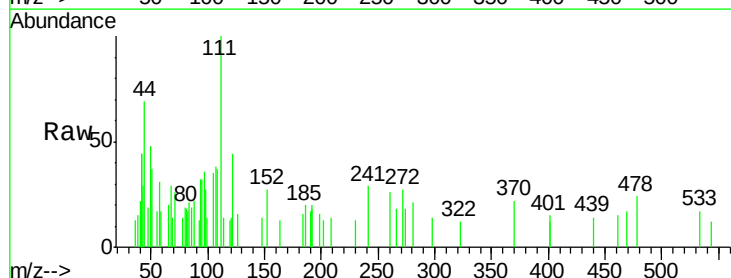
Instrument :
 BNA_G
 ClientSampleId :

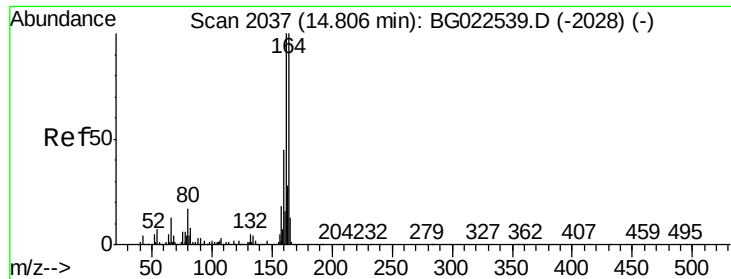
Tot Ion: 82 Resp: 1389382
 Ion Ratio Lower Upper
 82 100
 128 33.9 24.4 36.6
 54 49.5 41.4 62.0



#32
 Benzoic acid
 Concen: 5.20 ng
 RT: 10.17 min Scan# 1248
 Delta R.T. -0.03 min
 Lab File: BG022624.D
 Acq: 27 Jun 2016 00:44

Tgt Ion: 122 Resp: 828
 Ion Ratio Lower Upper
 122 100
 105 80.1 117.2 157.2#
 77 31.2 109.2 149.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

Instrument :

BNA_G

ClientSampleId :

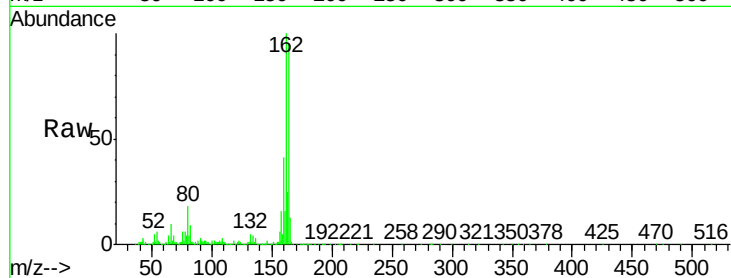
Tot Ion:164 Resp: 475665

Ion	Ratio	Lower	Upper
164	100		
162	105.3	87.7	131.5
160	43.7	37.2	55.8

164 100

162 105.3 87.7 131.5

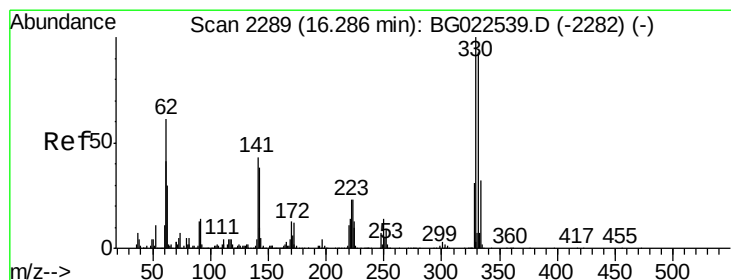
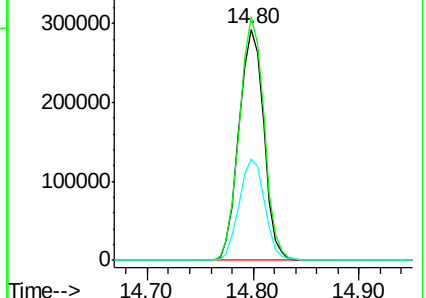
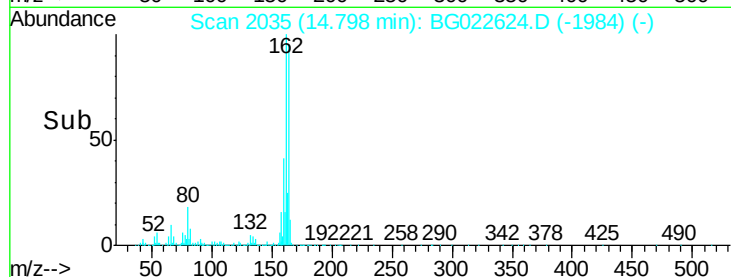
160 43.7 37.2 55.8



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: 137.88 ng

RT: 16.30 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BG022624.D

Acq: 27 Jun 2016 00:44

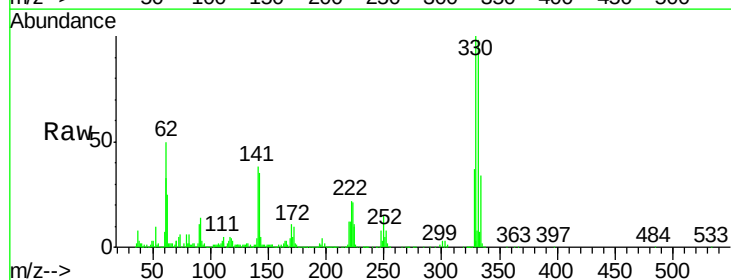
Tgt Ion:330 Resp: 1031526

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	38.5	31.7	47.5

330 100

332 96.5 77.4 116.2

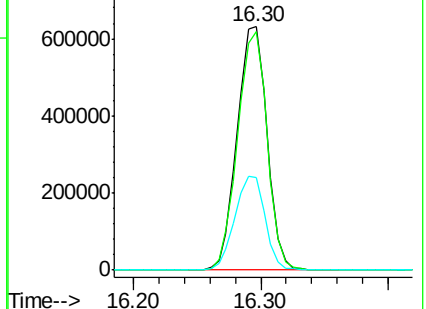
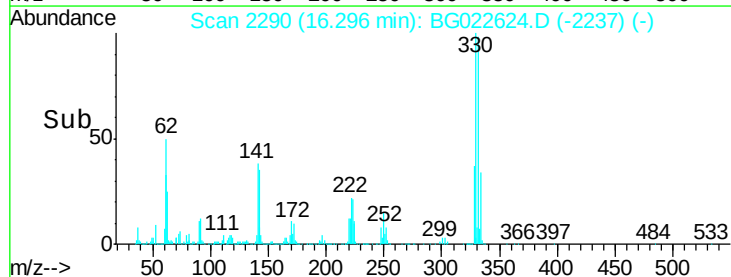
141 38.5 31.7 47.5

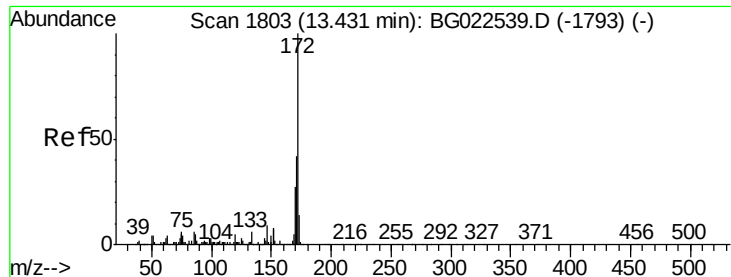


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

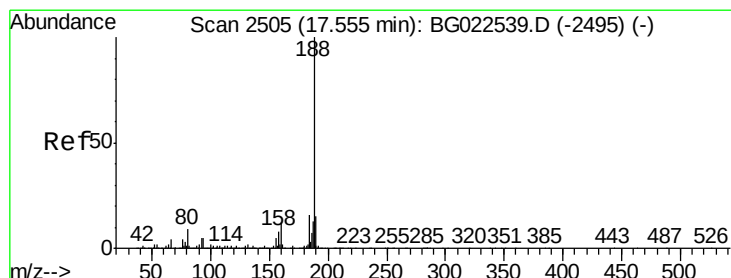
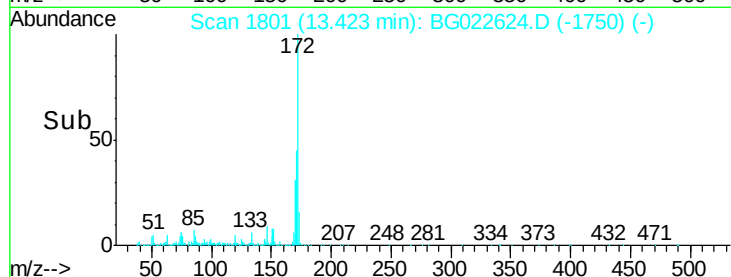
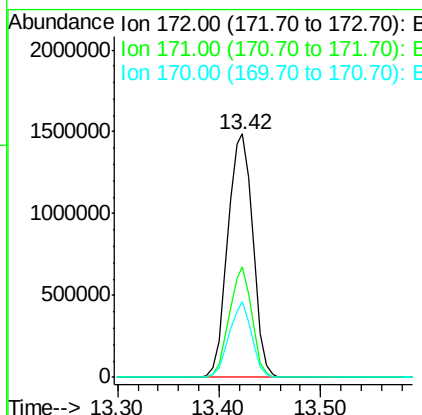
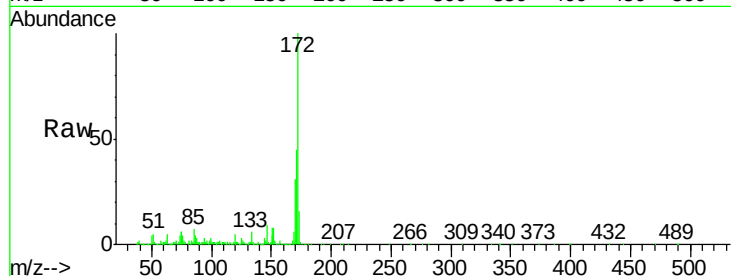




#44
2-Fluorobiphenyl
Concen: 84.78 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022624.D
Acq: 27 Jun 2016 00:44

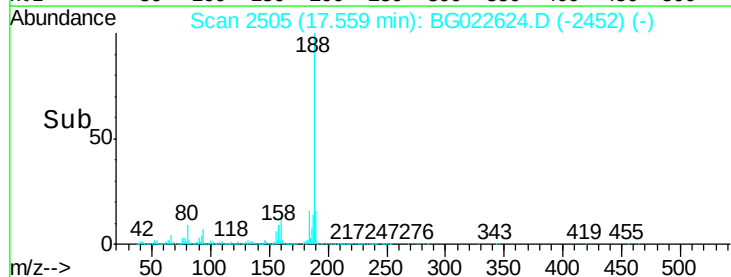
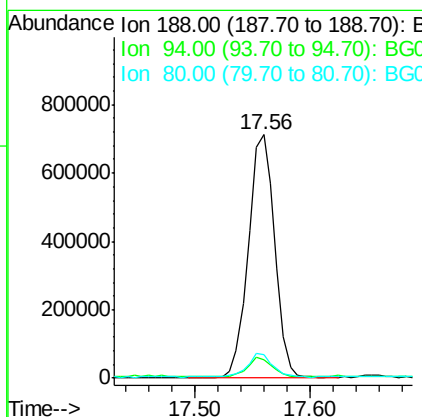
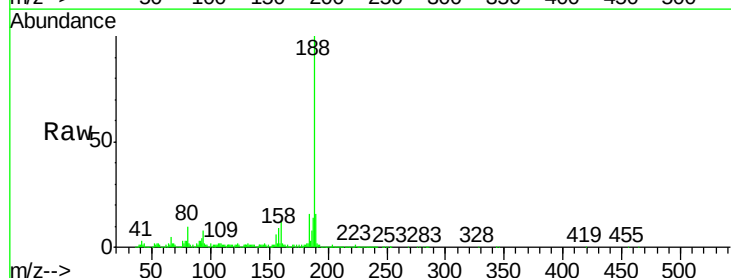
Instrument :
BNA_G
ClientSampleId :

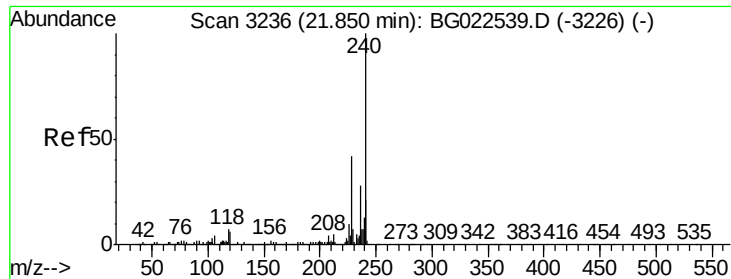
Tot Ion:172 Resp: 2542877
Ion Ratio Lower Upper
172 100
171 45.2 31.6 47.4
170 30.9 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022624.D
Acq: 27 Jun 2016 00:44

Tgt Ion:188 Resp: 1129002
Ion Ratio Lower Upper
188 100
94 7.7 5.2 7.8
80 9.6 7.2 10.8

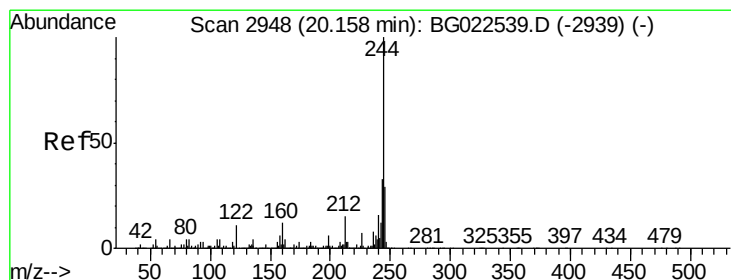
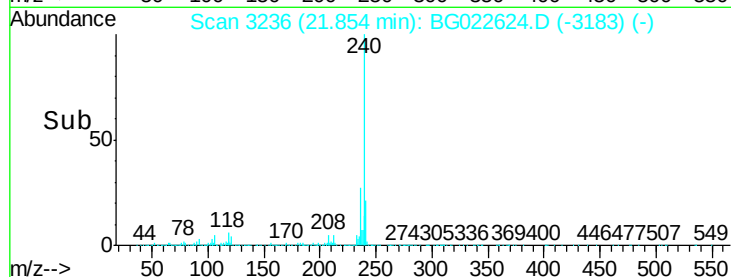
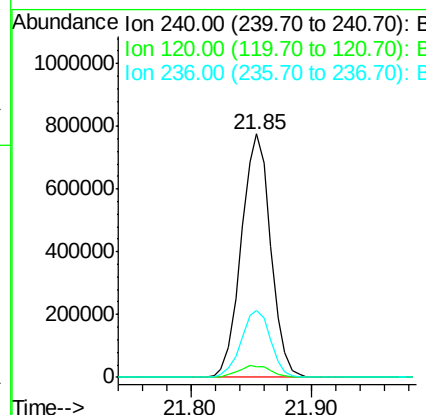
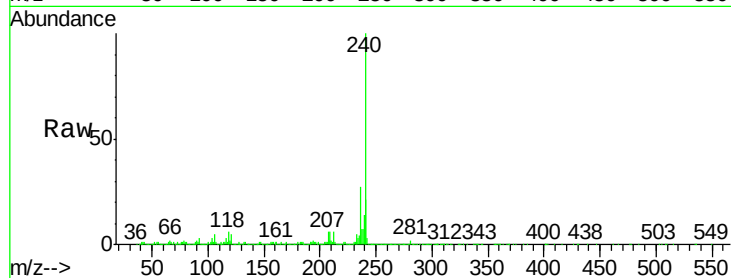




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.85 min Scan# 3236
 Delta R.T. 0.01 min
 Lab File: BG022624.D
 Acq: 27 Jun 2016 00:44

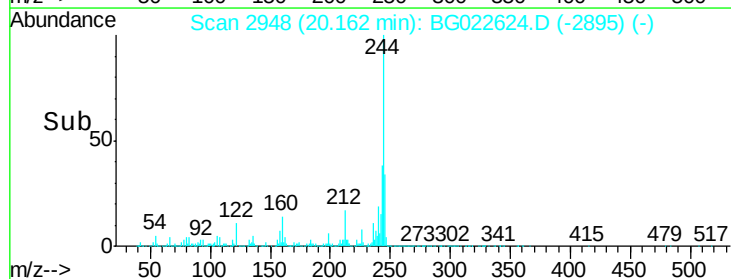
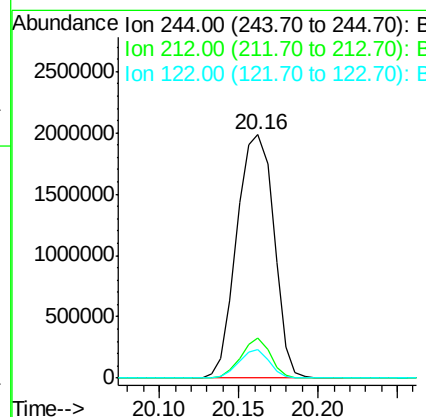
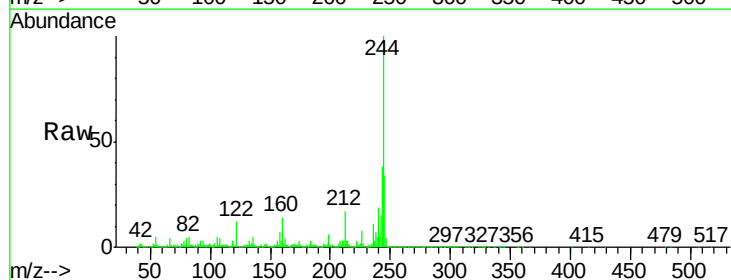
Instrument :
 BNA_G
 ClientSampled :

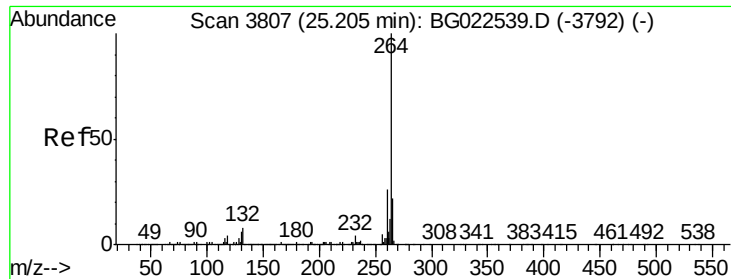
Tot Ion:240 Resp: 1308825
 Ion Ratio Lower Upper
 240 100
 120 4.5 4.1 6.1
 236 27.4 21.1 31.7



#78
 Terphenyl-d14
 Concen: 65.25 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. 0.01 min
 Lab File: BG022624.D
 Acq: 27 Jun 2016 00:44

Tgt Ion:244 Resp: 3223322
 Ion Ratio Lower Upper
 244 100
 212 16.7 10.8 16.2#
 122 11.6 8.0 12.0





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.22 min Scan# 3809
 Delta R.T. 0.02 min
 Lab File: BG022624.D
 Acq: 27 Jun 2016 00:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 1342243
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.4 27.6
 265 23.5 18.9 28.3

