

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
 Data File : BG024508.D
 Acq On : 25 Oct 2016 22:04
 Operator : UM/SJ
 Sample : H5391-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20161020-DS-PLUME-M

Quant Time: Oct 26 03:10:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 17:25:08 2016
 Response via : Initial Calibration

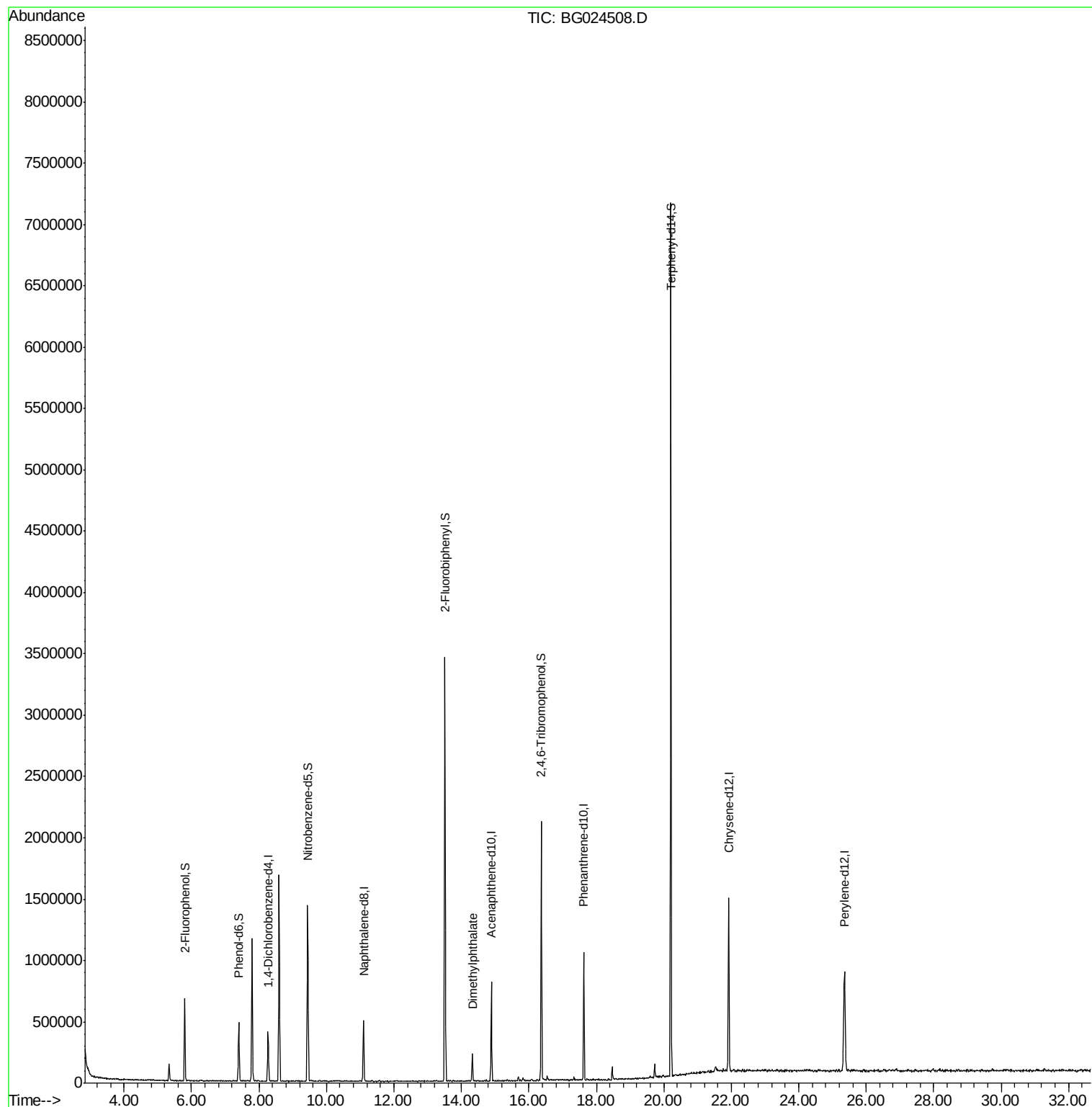
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	105314	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	392915	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	290915	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	650454	20.00	ng	0.00
75) Chrysene-d12	21.92	240	971669	20.00	ng	0.00
86) Perylene-d12	25.35	264	1008541	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	266951	41.55	ng	0.00
7) Phenol-d6	7.40	99	254620	28.89	ng	0.00
23) Nitrobenzene-d5	9.44	82	877759	101.71	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	397996	91.57	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1748574	99.90	ng	0.00
78) Terphenyl-d14	20.21	244	2911864	89.55	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.33	163	134904	6.53	ng	Qvalue 99

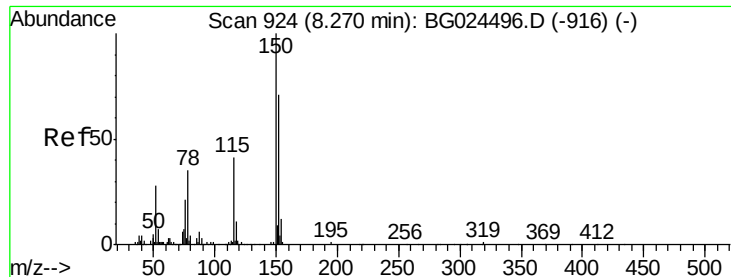
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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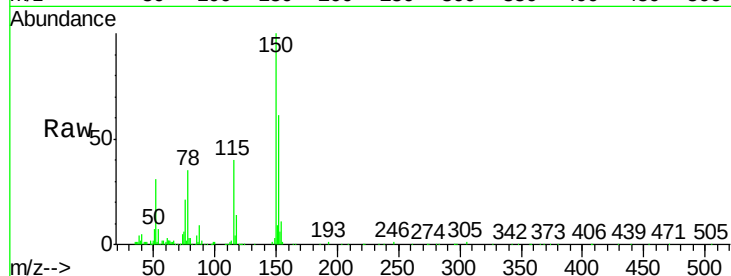


#1

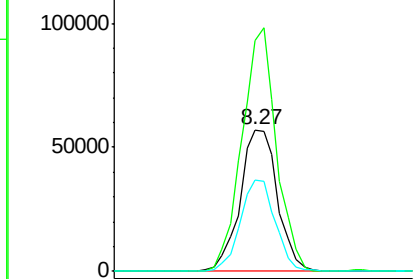
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024508.D
Acq: 25 Oct 2016 22:04

Instrument :
BNA_G
ClientSampleId :
20161020-DS-PLUME-M

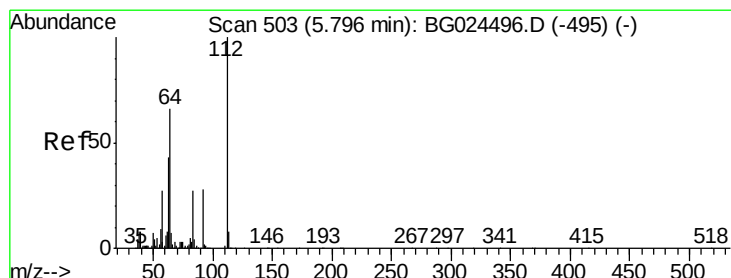
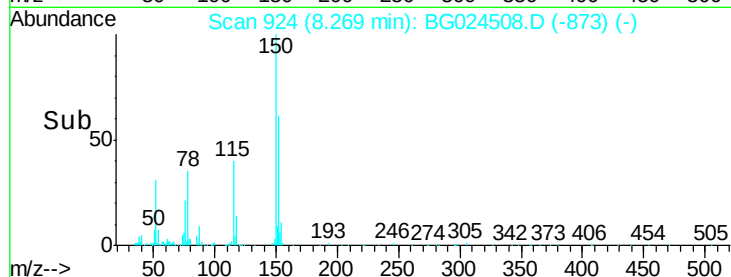
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.5	114.0	171.0
115	64.9	48.1	72.1



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



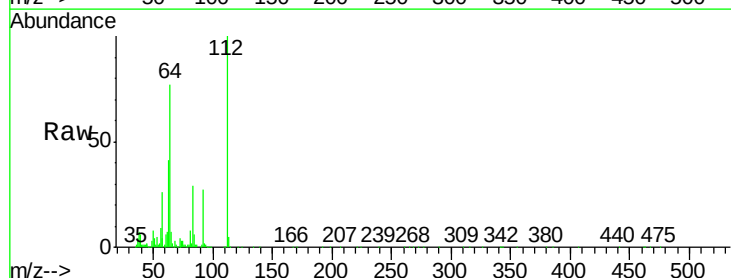
Time-->



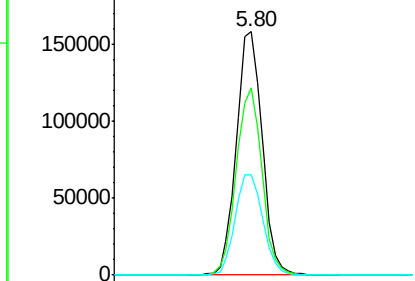
#5

2-Fluorophenol
Concen: 41.55 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.00 min
Lab File: BG024508.D
Acq: 25 Oct 2016 22:04

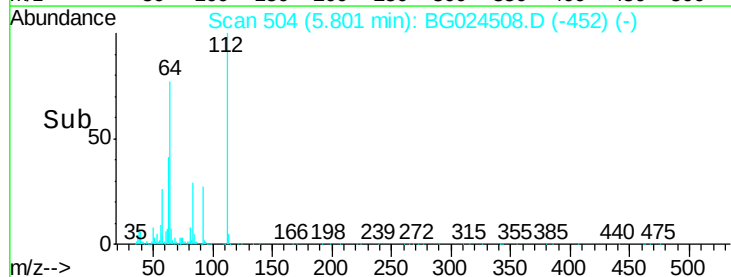
Tgt Ion	Ratio	Lower	Upper
112	100		
64	76.8	61.8	92.6
63	41.1	37.2	55.8

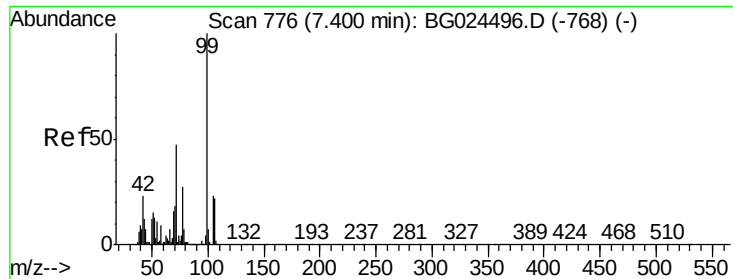


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



Time-->





#7

Phenol-d6

Concen: 28.89 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024508.D

Acq: 25 Oct 2016 22:04

Instrument :

BNA_G

ClientSampleId :

20161020-DS-PLUME-M

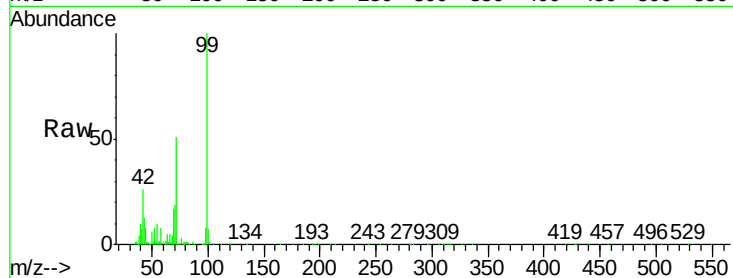
Tot Ion: 99 Resp: 254620

Ion Ratio Lower Upper

99 100

42 25.9 20.5 30.7

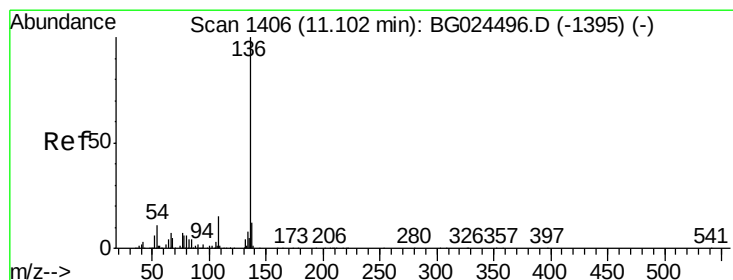
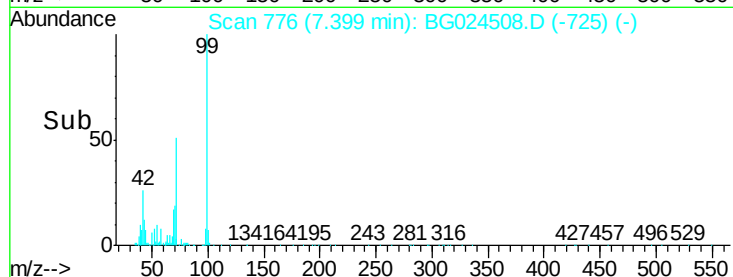
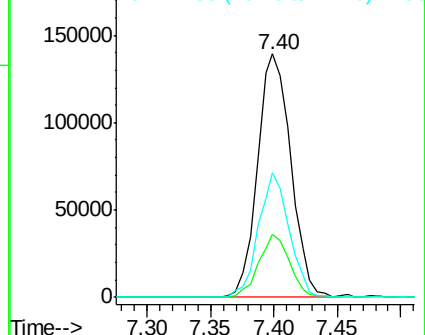
71 51.4 37.6 56.4



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: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG024508.D

Acq: 25 Oct 2016 22:04

Tgt Ion: 136 Resp: 392915

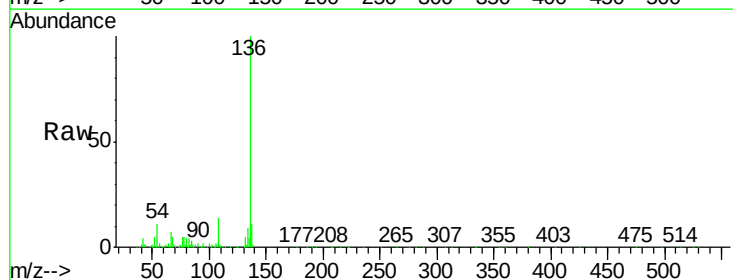
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 11.3 9.3 13.9

68 5.6 5.1 7.7

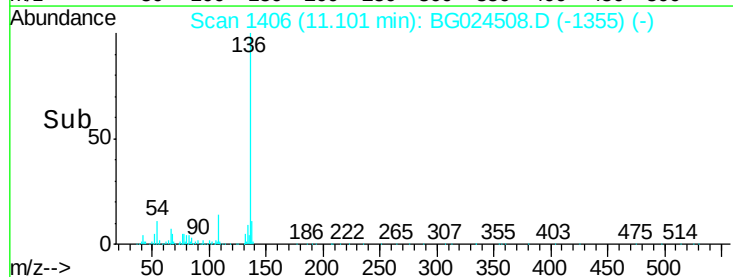
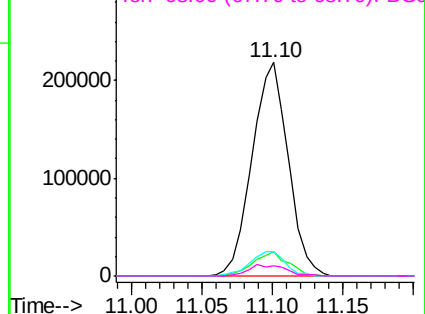


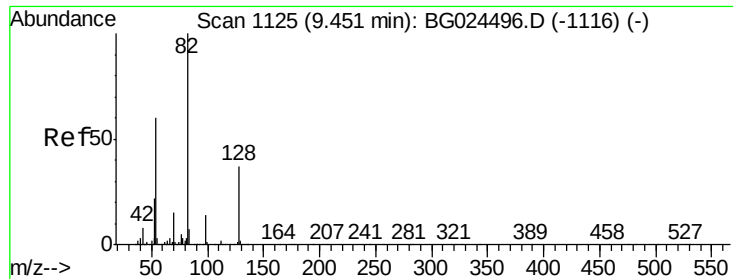
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

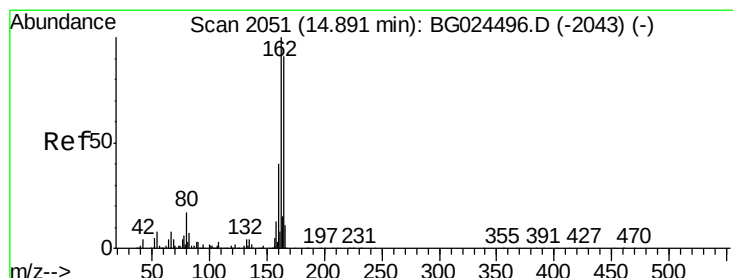
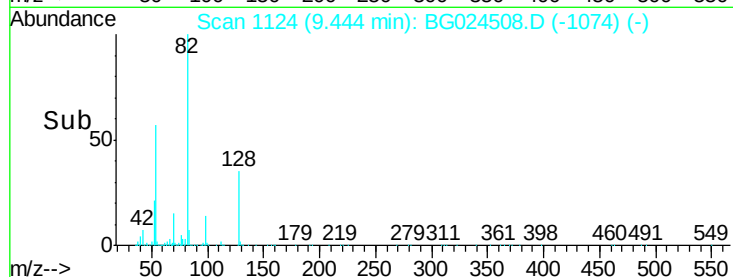
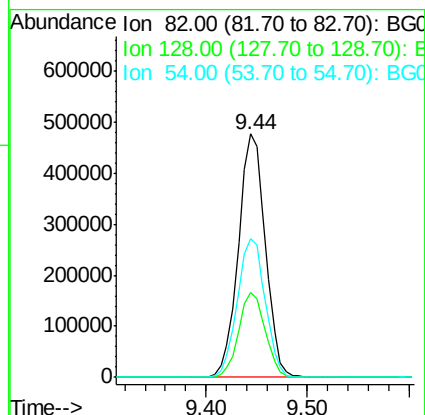
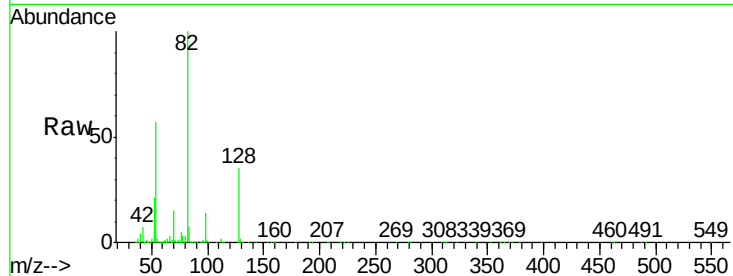




#23
 Nitrobenzene-d5
 Concen: 101.71 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024508.D
 Acq: 25 Oct 2016 22:04

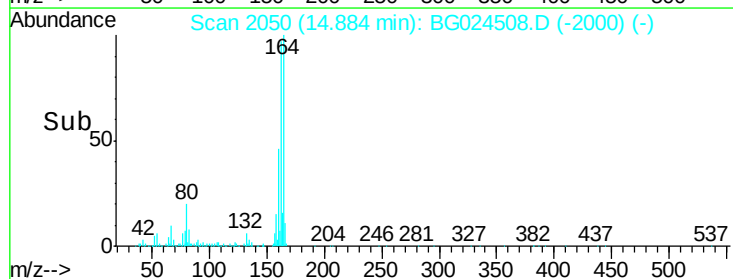
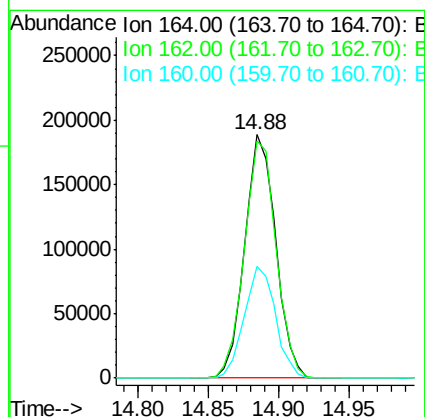
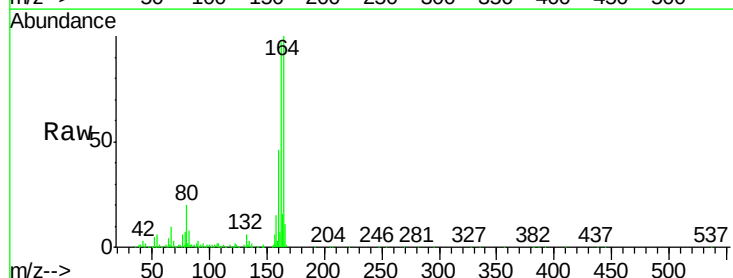
Instrument :
 BNA_G
 ClientSampleId :
 20161020-DS-PLUME-M

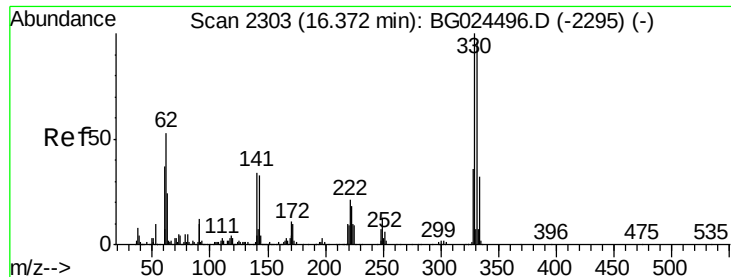
Tot Ion	82	Resp	877759
Ion Ratio	Lower	Upper	
82	100		
128	34.8	26.4	39.6
54	57.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024508.D
 Acq: 25 Oct 2016 22:04

Tgt Ion	164	Resp	290915
Ion Ratio	Lower	Upper	
164	100		
162	97.2	85.1	127.7
160	45.9	34.7	52.1

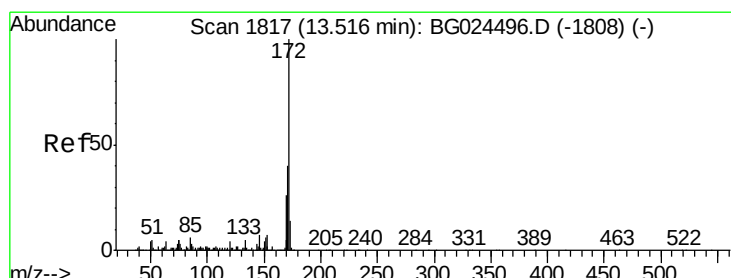
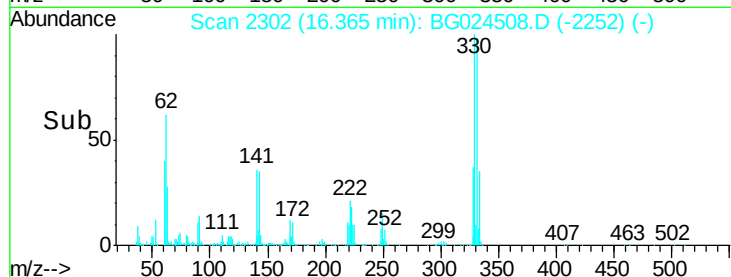
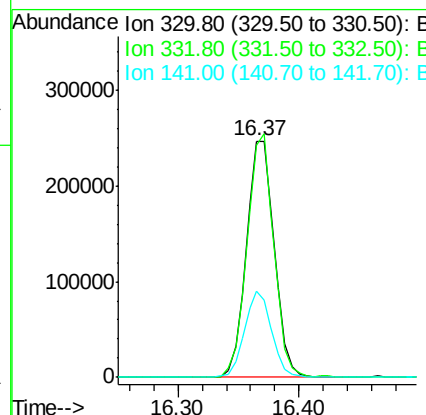
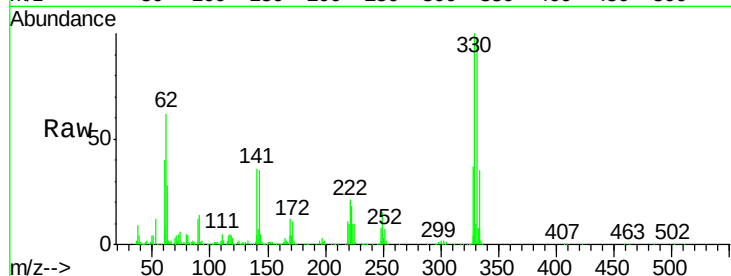




#41
2,4,6-Tribromophenol
Concen: 91.57 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024508.D
Acq: 25 Oct 2016 22:04

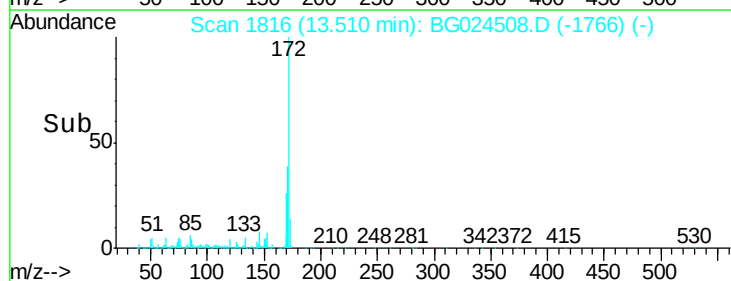
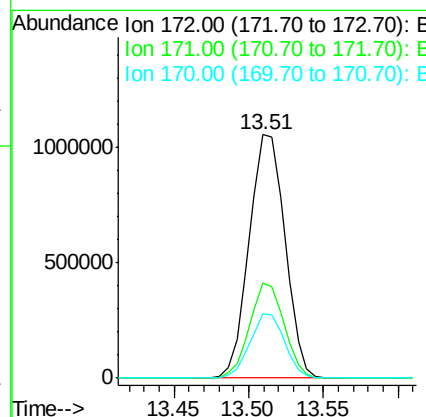
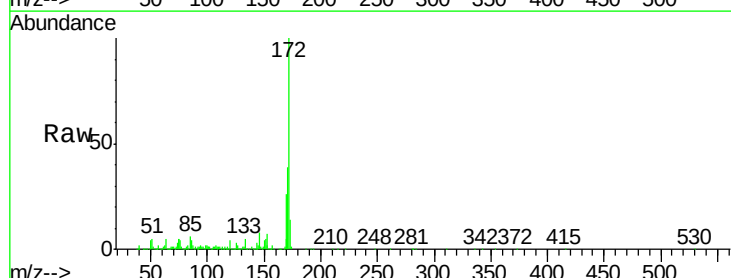
Instrument :
BNA_G
ClientSampleId :
20161020-DS-PLUME-M

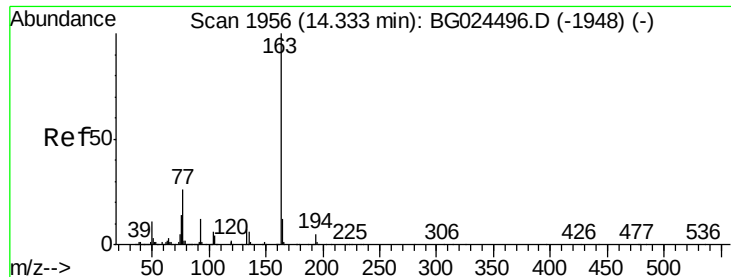
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.3	115.9
141	35.3	32.1	48.1



#44
2-Fluorobiphenyl
Concen: 99.90 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024508.D
Acq: 25 Oct 2016 22:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.2	48.2
170	26.4	21.8	32.6





#49

Dimethylphthalate

Concen: 6.53 ng

RT: 14.33 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG024508.D

Acq: 25 Oct 2016 22:04

Instrument :

BNA_G

ClientSampleId :

20161020-DS-PLUME-M

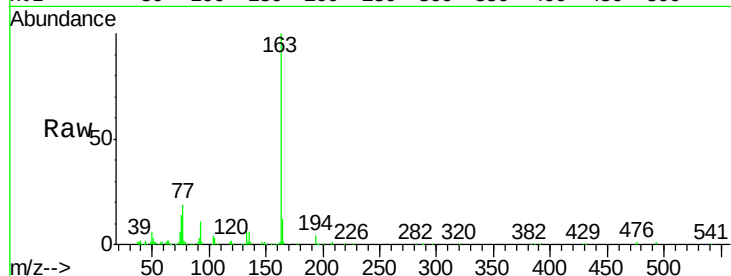
Tot Ion:163 Resp: 134904

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

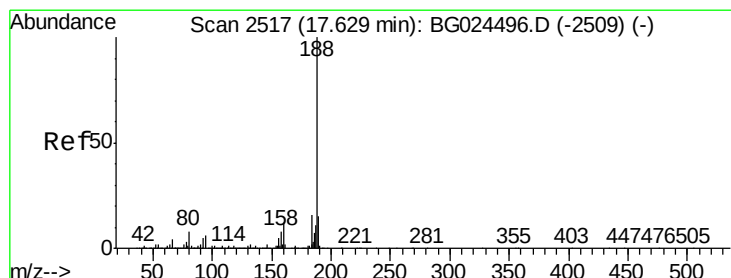
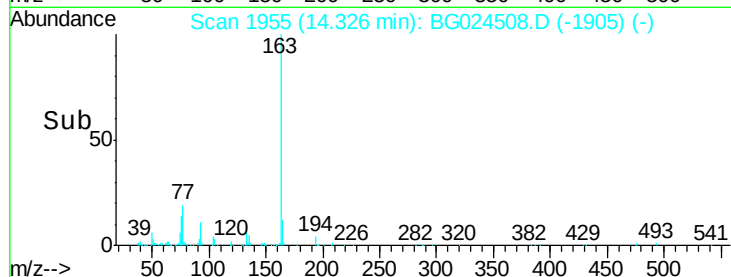
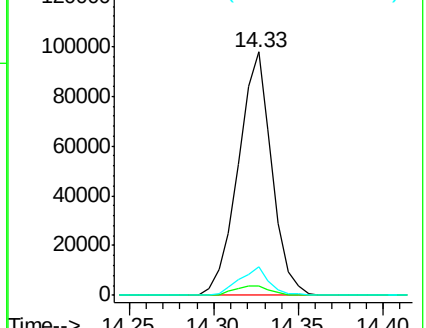
164 11.9 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024508.D

Acq: 25 Oct 2016 22:04

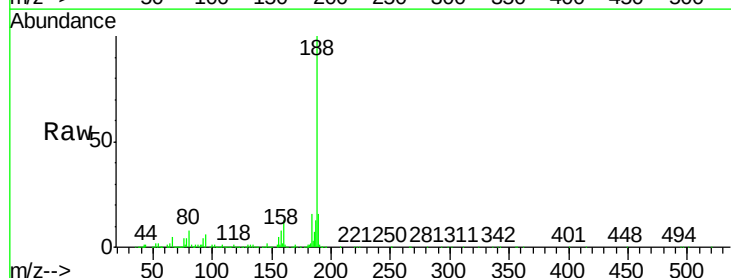
Tgt Ion:188 Resp: 650454

Ion Ratio Lower Upper

188 100

94 5.9 5.8 8.8

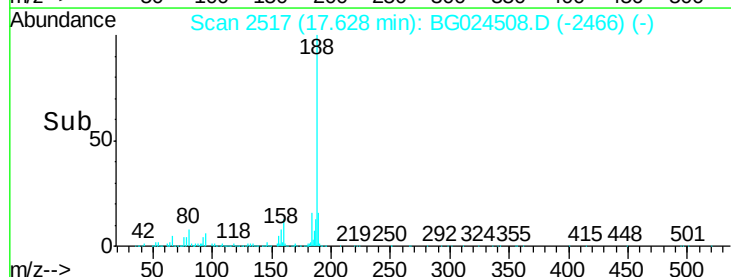
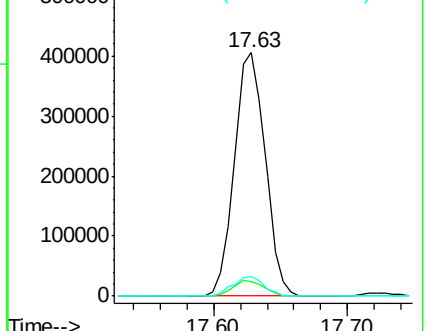
80 8.0 7.5 11.3

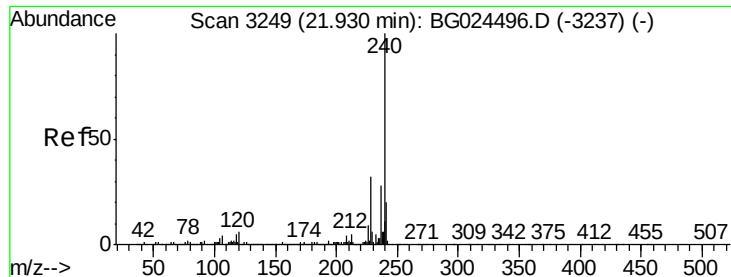


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.92 min Scan# 3248

Delta R.T. -0.01 min

Lab File: BG024508.D

Acq: 25 Oct 2016 22:04

Instrument :

BNA_G

ClientSampleId :

20161020-DS-PLUME-M

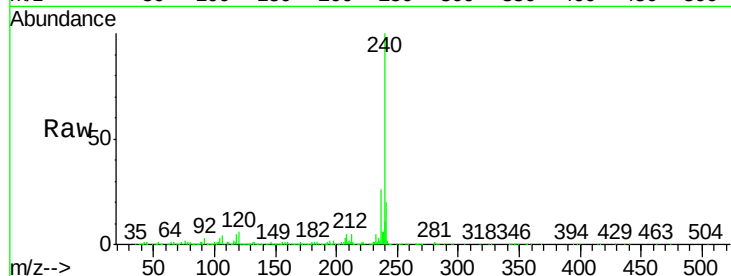
Tot Ion:240 Resp: 971669

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

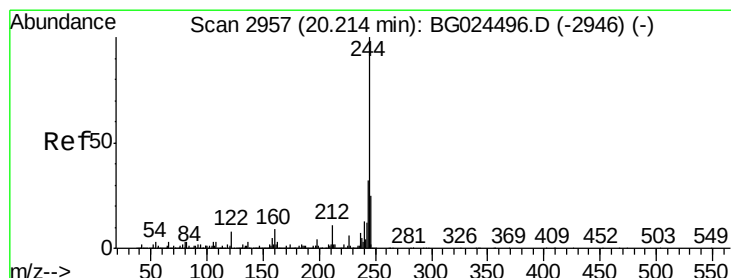
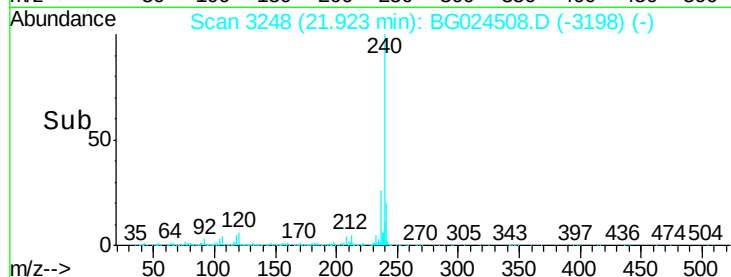
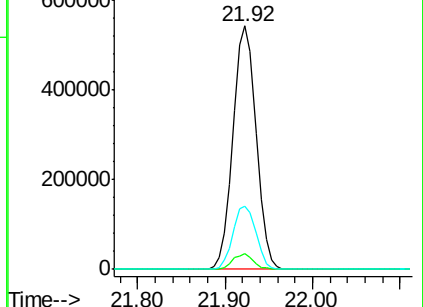
236 26.2 22.2 33.4



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: 89.55 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024508.D

Acq: 25 Oct 2016 22:04

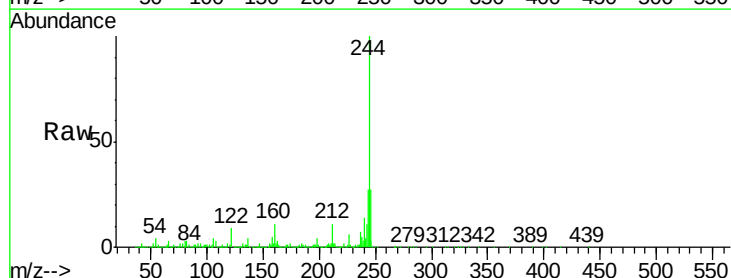
Tgt Ion:244 Resp: 2911864

Ion Ratio Lower Upper

244 100

212 11.4 10.0 15.0

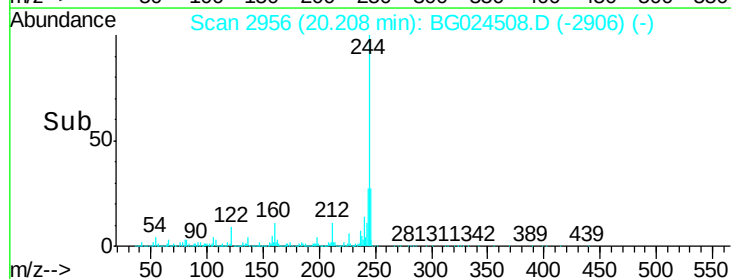
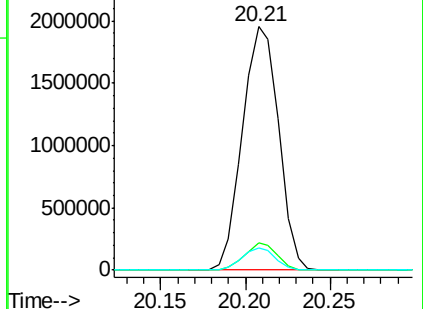
122 9.0 8.6 12.8

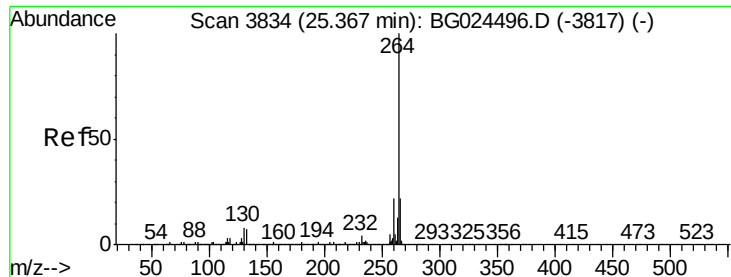


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024508.D
Acq: 25 Oct 2016 22:04

Instrument :
BNA_G
ClientSampleId :
20161020-DS-PLUME-M

Tot Ion:264 Resp: 1008541

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.9	18.2	27.4

