

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102516\
 Data File : BG024506.D
 Acq On : 25 Oct 2016 20:47
 Operator : UM/SJ
 Sample : H5384-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20161021-DS-PLUME-M

Quant Time: Oct 26 02:27:10 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

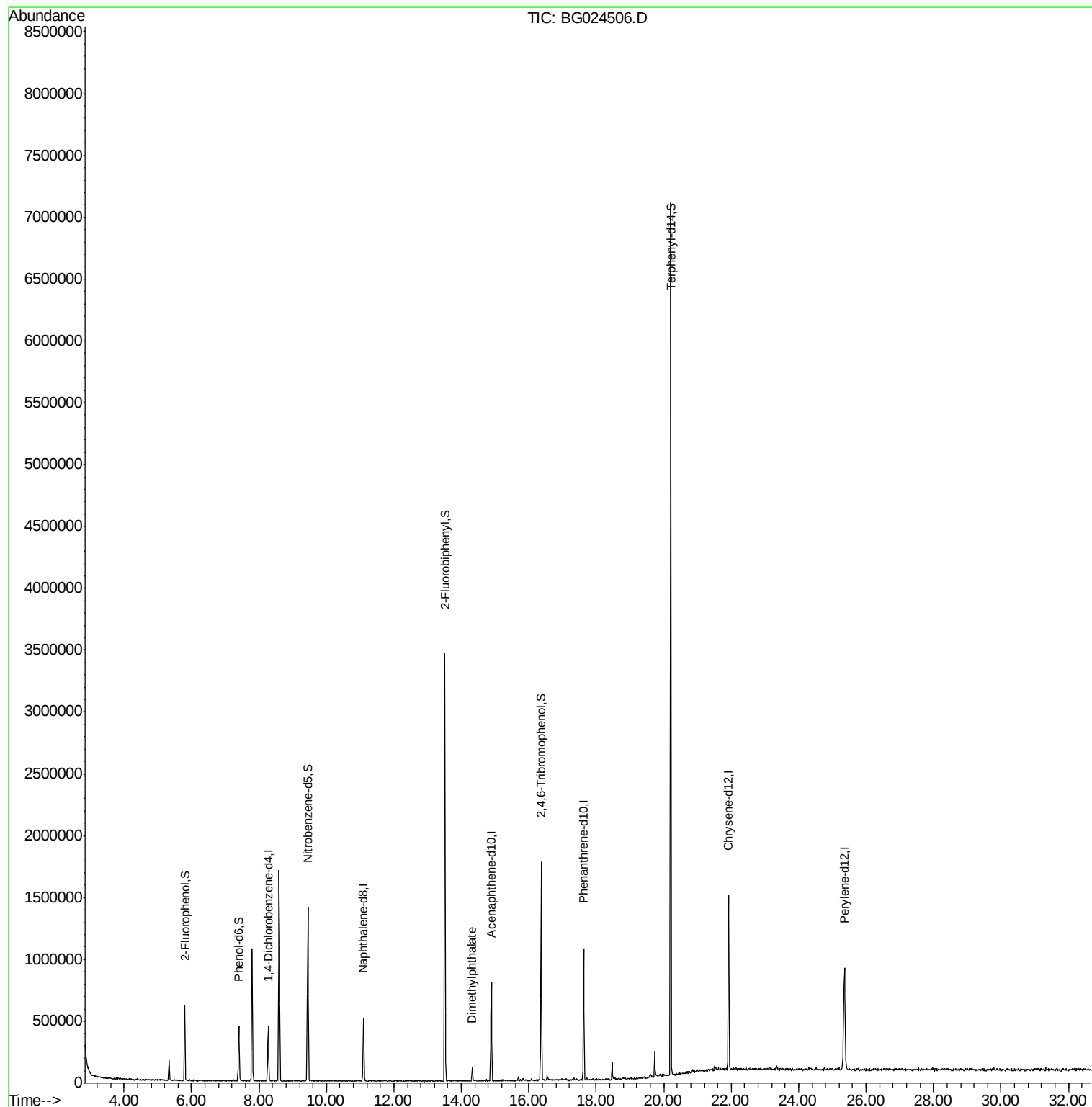
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	113245	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	411243	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	289897	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	654285	20.00	ng	0.00
75) Chrysene-d12	21.92	240	948493	20.00	ng	0.00
86) Perylene-d12	25.35	264	1005744	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	240832	34.86	ng	0.00
7) Phenol-d6	7.40	99	245758	25.93	ng	0.00
23) Nitrobenzene-d5	9.44	82	891656	98.72	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	346656	80.04	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1728662	99.11	ng	0.00
78) Terphenyl-d14	20.21	244	2948295	92.88	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.33	163	70455	3.42	ng	Qvalue # 96

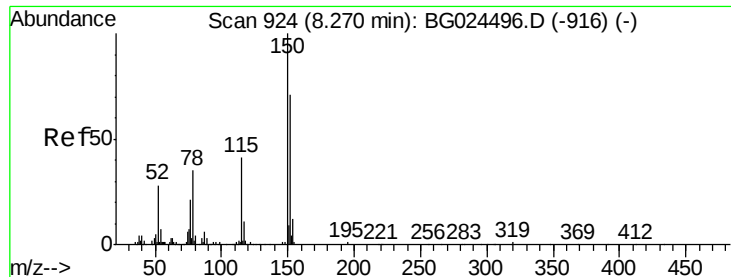
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG024506.D

Acq: 25 Oct 2016 20:47

Instrument :

BNA_G

ClientSampleId :

20161021-DS-PLUME-M

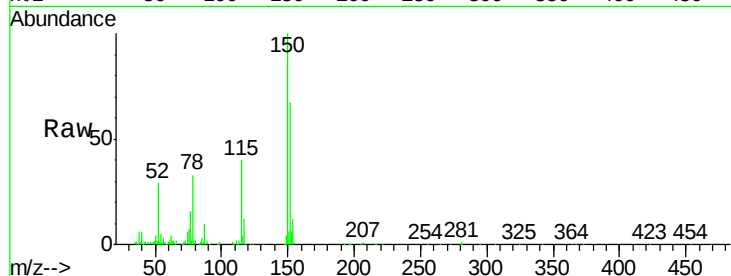
Tgt Ion:152 Resp: 113245

Ion Ratio Lower Upper

152 100

150 149.8 114.0 171.0

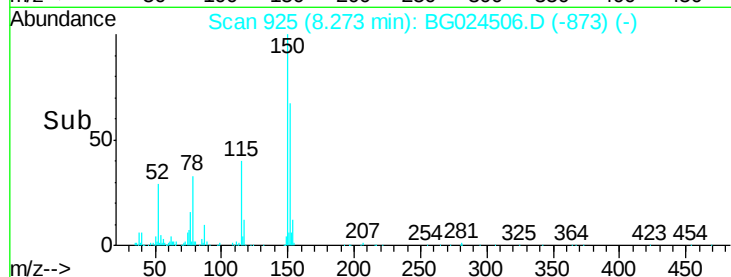
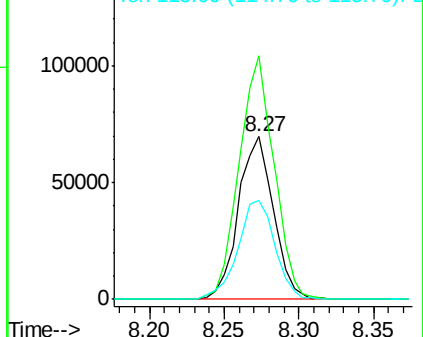
115 60.6 48.1 72.1



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



#5

2-Fluorophenol

Concen: 34.86 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024506.D

Acq: 25 Oct 2016 20:47

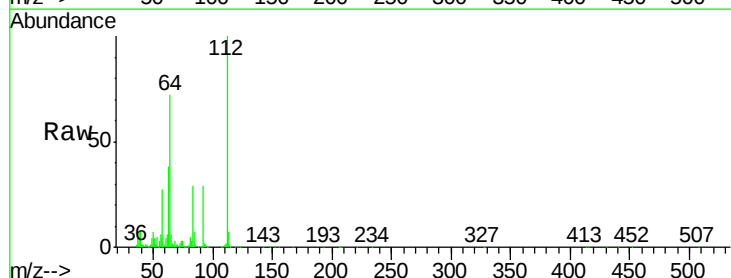
Tgt Ion:112 Resp: 240832

Ion Ratio Lower Upper

112 100

64 71.9 61.8 92.6

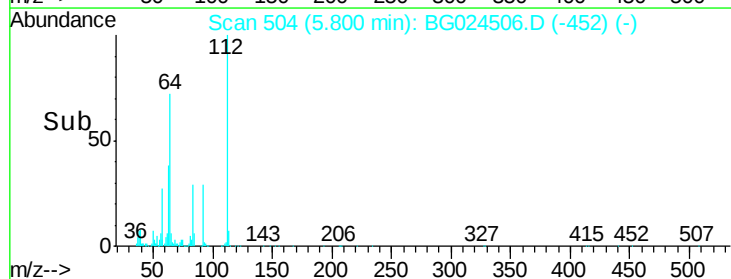
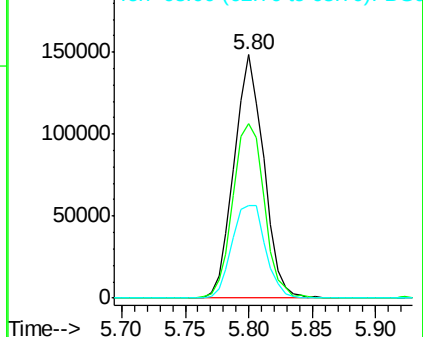
63 37.8 37.2 55.8



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: 25.93 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024506.D

Acq: 25 Oct 2016 20:47

Instrument :

BNA_G

ClientSampleId :

20161021-DS-PLUME-M

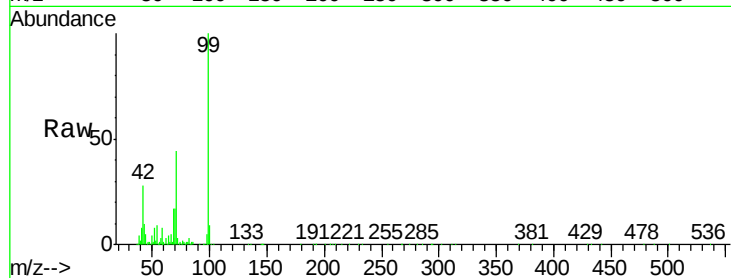
Tgt Ion: 99 Resp: 245758

Ion Ratio Lower Upper

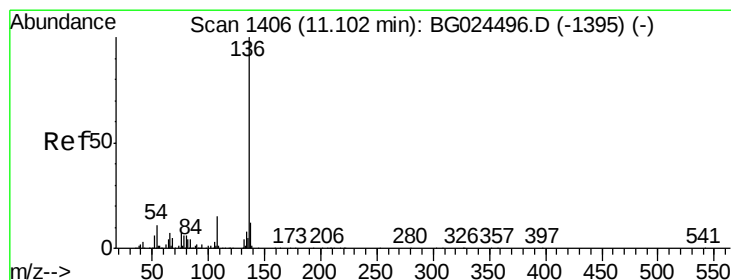
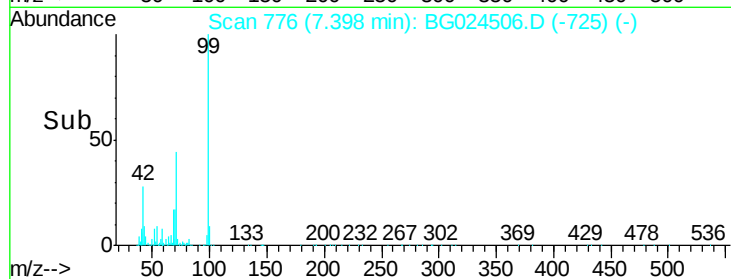
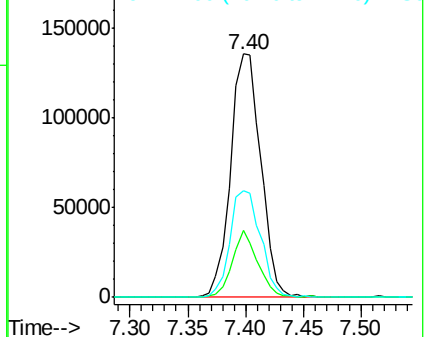
99 100

42 27.8 20.5 30.7

71 43.8 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: BG024506.D

Acq: 25 Oct 2016 20:47

Tgt Ion: 136 Resp: 411243

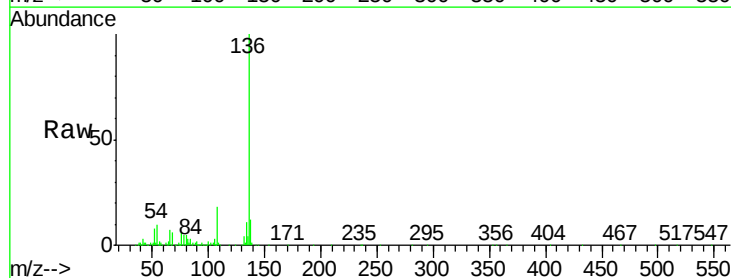
Ion Ratio Lower Upper

136 100

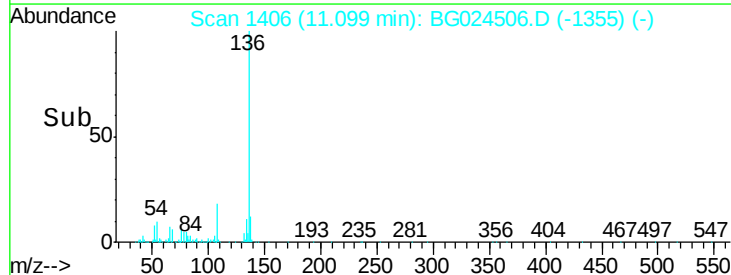
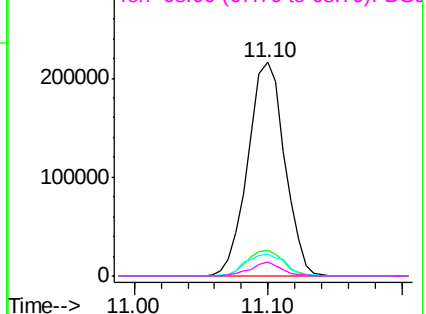
137 12.1 8.9 13.3

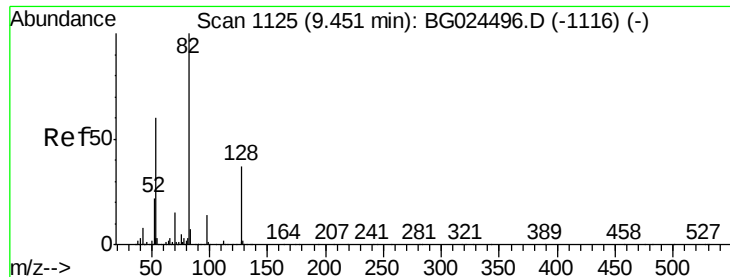
54 10.0 9.3 13.9

68 6.3 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

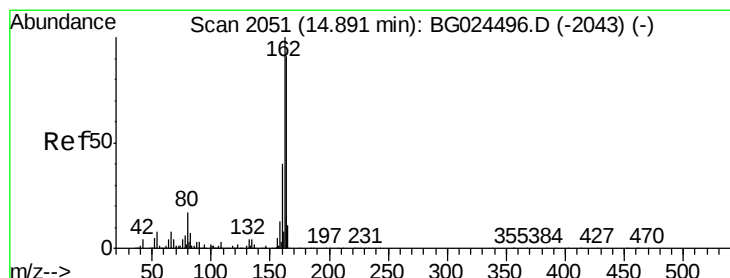
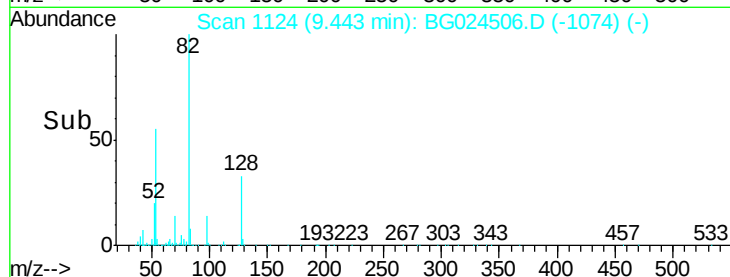
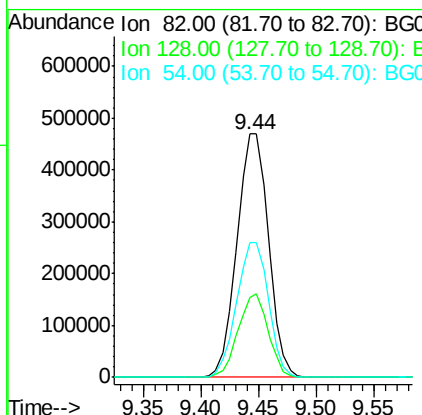
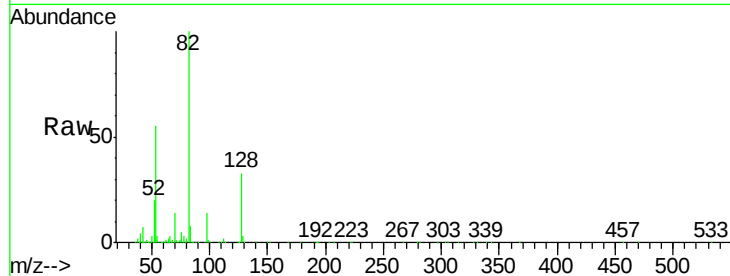




#23
 Nitrobenzene-d5
 Concen: 98.72 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024506.D
 Acq: 25 Oct 2016 20:47

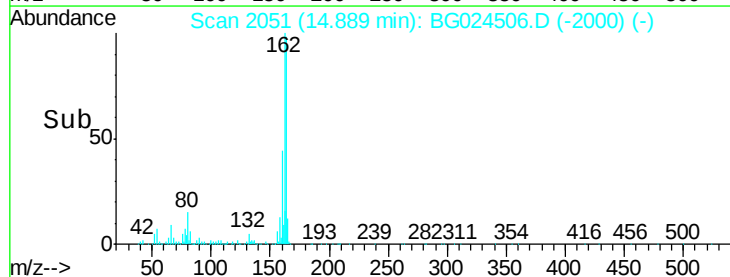
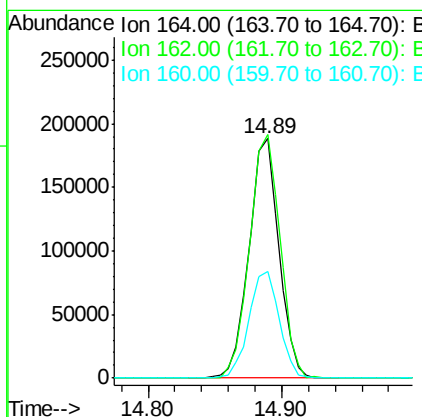
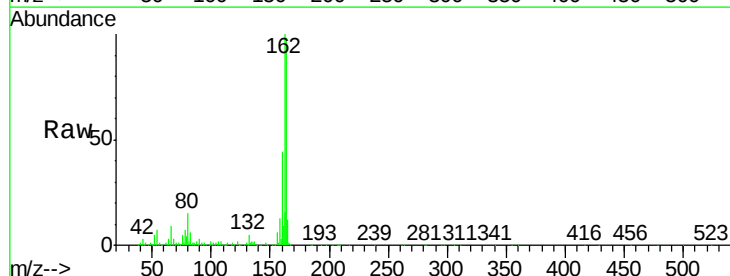
Instrument :
 BNA_G
 ClientSampleId :
 20161021-DS-PLUME-M

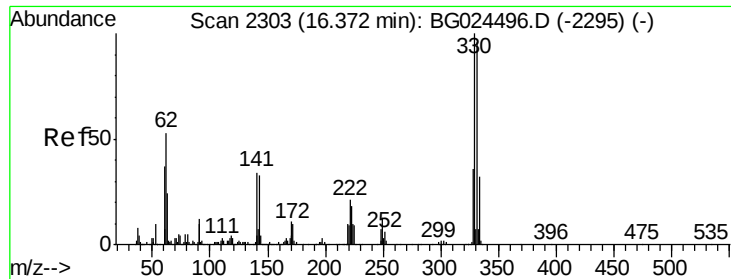
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	26.4	39.6
54	55.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG024506.D
 Acq: 25 Oct 2016 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	85.1	127.7
160	44.3	34.7	52.1

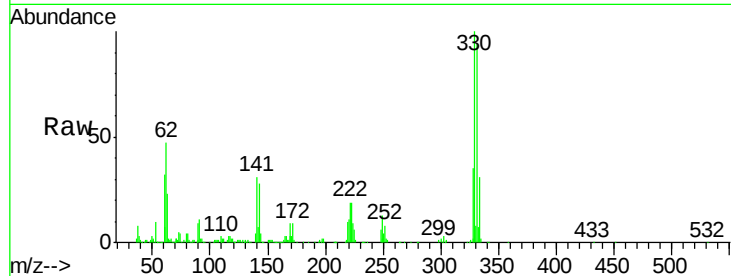




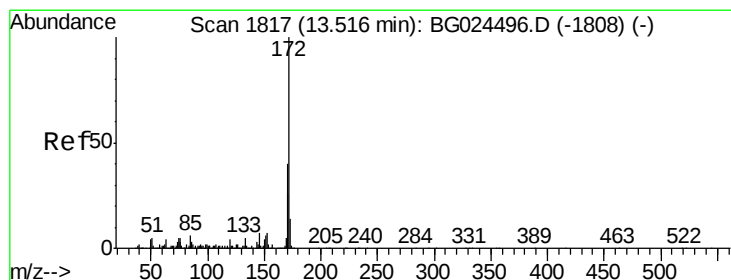
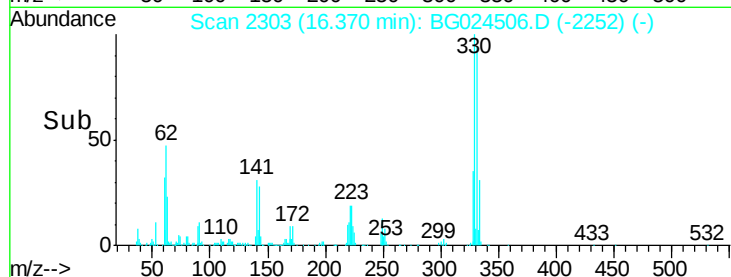
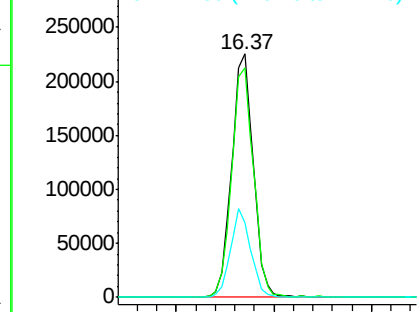
#41
 2,4,6-Tribromophenol
 Concen: 80.04 ng
 RT: 16.37 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG024506.D
 Acq: 25 Oct 2016 20:47

Instrument :
 BNA_G
 ClientSampleId :
 20161021-DS-PLUME-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	34.0	32.1	48.1

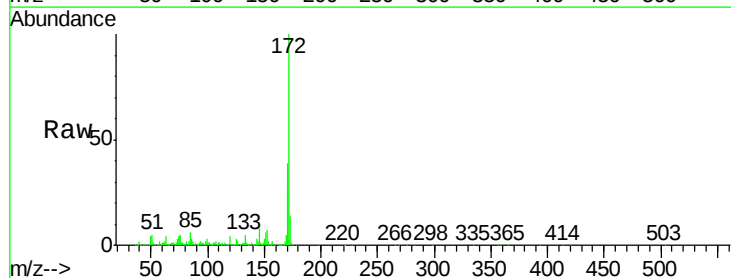


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

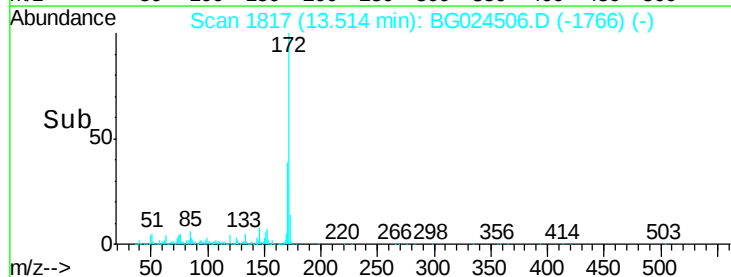
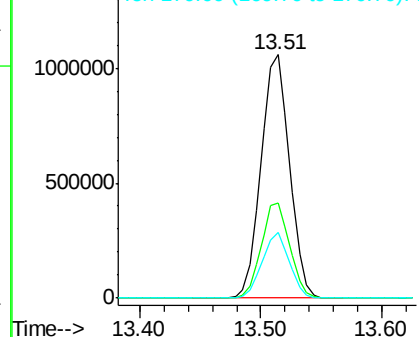


#44
 2-Fluorobiphenyl
 Concen: 99.11 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BG024506.D
 Acq: 25 Oct 2016 20:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	32.2	48.2
170	26.9	21.8	32.6



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





#49

Dimethylphthalate

Concen: 3.42 ng

RT: 14.33 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG024506.D

Acq: 25 Oct 2016 20:47

Instrument :

BNA_G

ClientSampleId :

20161021-DS-PLUME-M

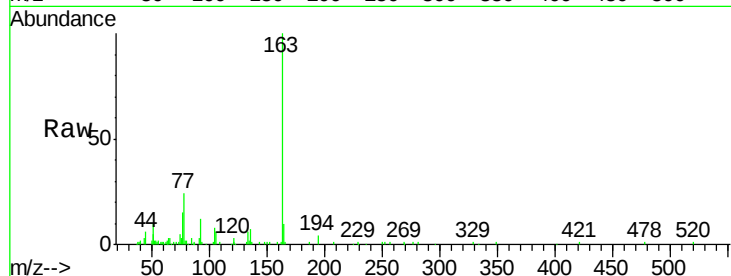
Tgt Ion:163 Resp: 70455

Ion Ratio Lower Upper

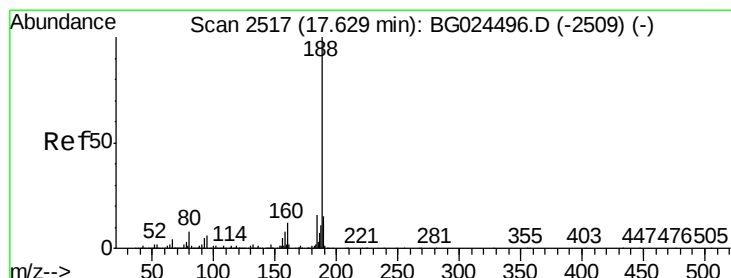
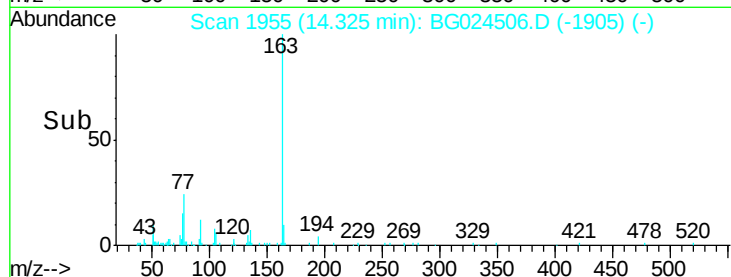
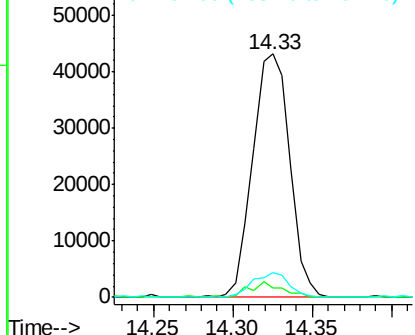
163 100

194 3.6 3.8 5.6#

164 10.2 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: BG024506.D

Acq: 25 Oct 2016 20:47

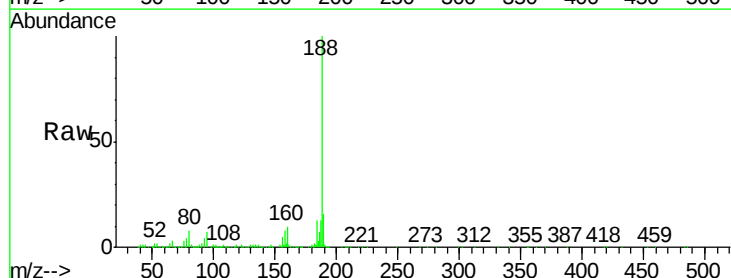
Tgt Ion:188 Resp: 654285

Ion Ratio Lower Upper

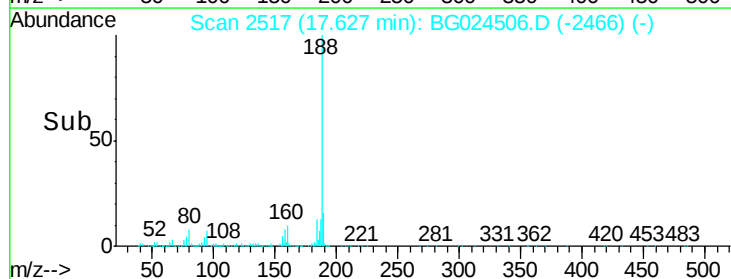
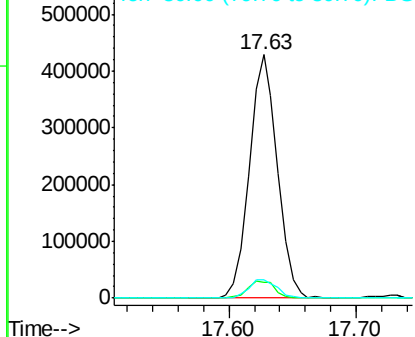
188 100

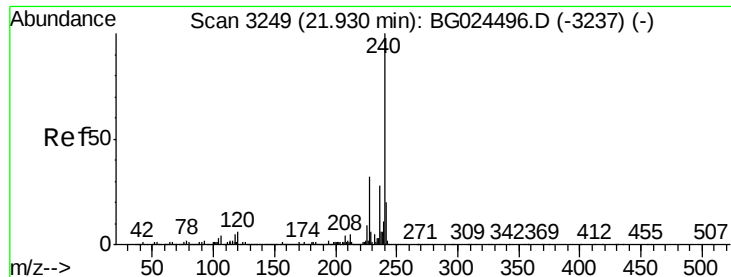
94 6.6 5.8 8.8

80 7.7 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: BG024506.D

Acq: 25 Oct 2016 20:47

Instrument :

BNA_G

ClientSampleId :

20161021-DS-PLUME-M

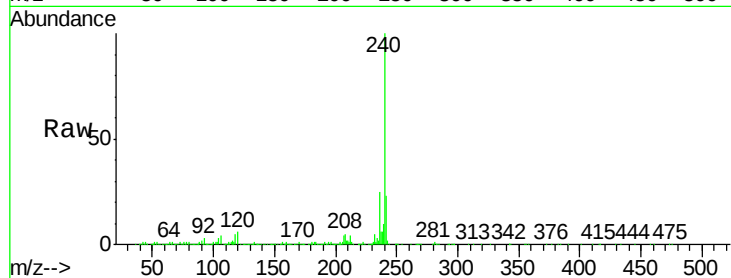
Tgt Ion:240 Resp: 948493

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

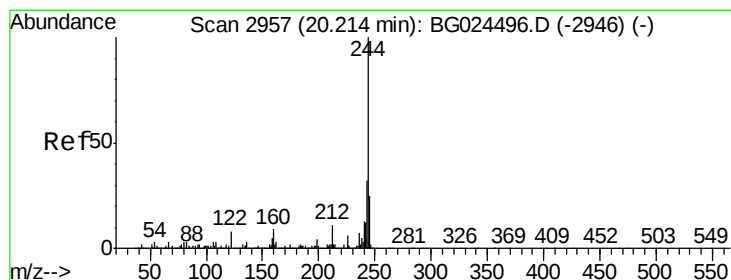
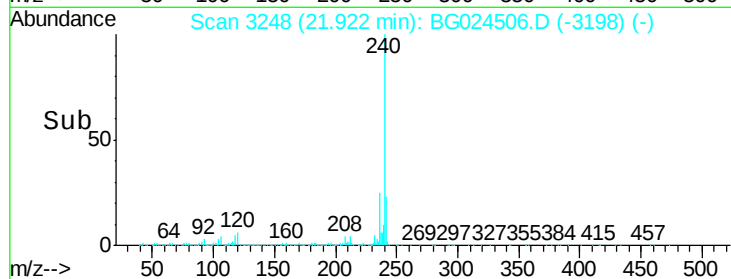
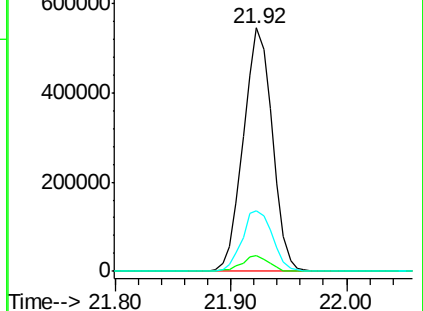
236 25.1 22.2 33.4



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: 92.88 ng

RT: 20.21 min Scan# 2957

Delta R.T. -0.00 min

Lab File: BG024506.D

Acq: 25 Oct 2016 20:47

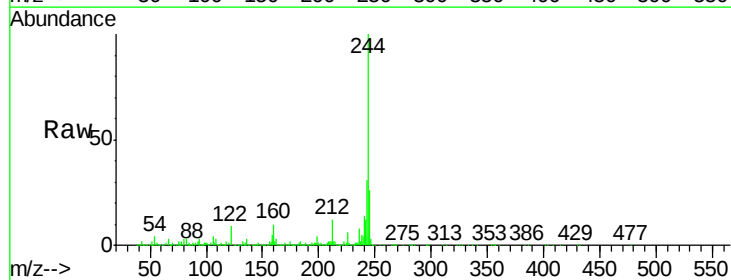
Tgt Ion:244 Resp: 2948295

Ion Ratio Lower Upper

244 100

212 11.6 10.0 15.0

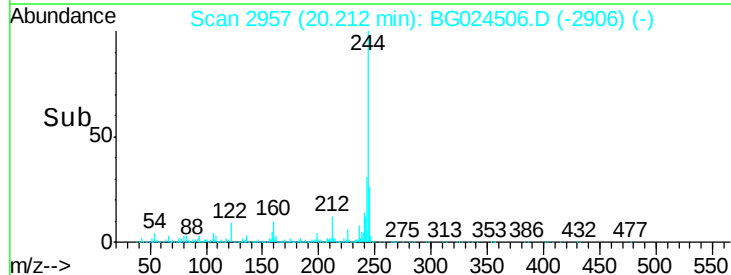
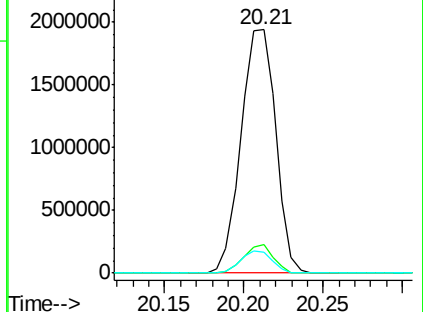
122 8.7 8.6 12.8

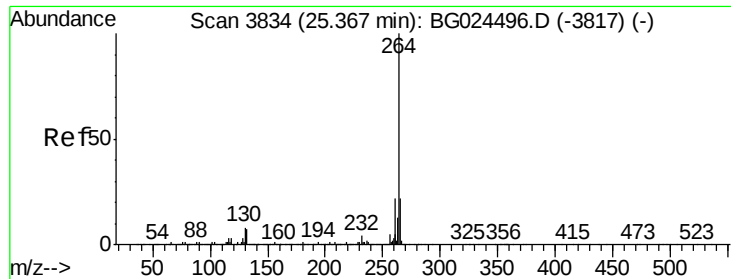


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024506.D
Acq: 25 Oct 2016 20:47

Instrument :
BNA_G
ClientSampleId :
20161021-DS-PLUME-M

Tgt Ion:264 Resp: 1005744

Ion	Ratio	Lower	Upper
264	100		
260	19.7	21.8	32.8#
265	21.6	18.2	27.4

