

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102516\
 Data File : BG024507.D
 Acq On : 25 Oct 2016 21:25
 Operator : UM/SJ
 Sample : H5384-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 26 02:35:03 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

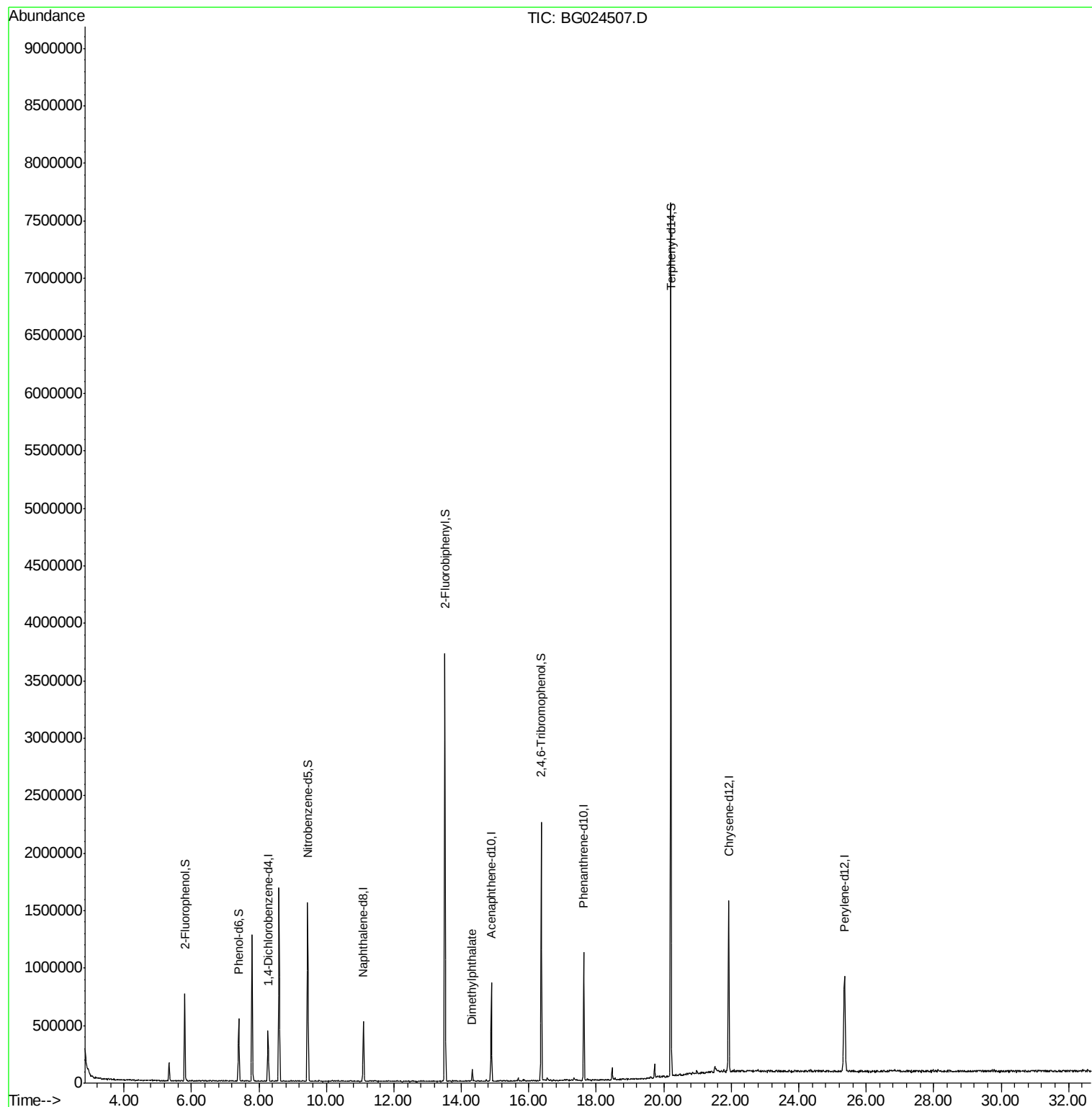
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	114714	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	424575	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	308503	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	705326	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1017331	20.00	ng	0.00
86) Perylene-d12	25.36	264	1075149	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	294403	42.06	ng	0.00
7) Phenol-d6	7.40	99	286098	29.80	ng	0.00
23) Nitrobenzene-d5	9.45	82	924327	99.12	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	432058	93.74	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1820449	98.08	ng	0.00
78) Terphenyl-d14	20.21	244	3065849	90.05	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.32	163	56815	2.59	ng	Qvalue # 95

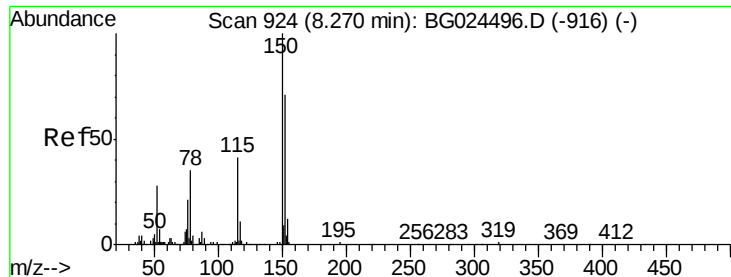
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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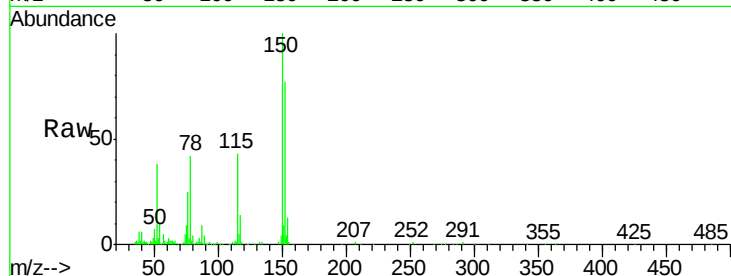


#1

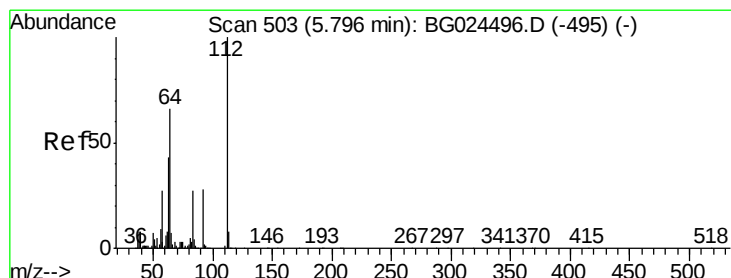
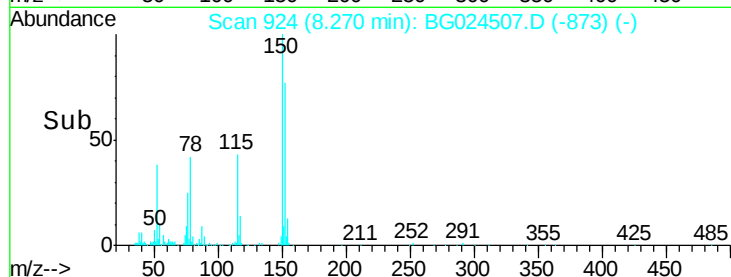
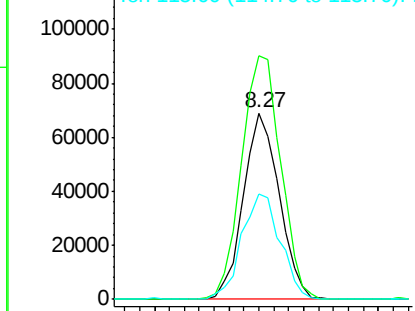
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG024507.D
Acq: 25 Oct 2016 21:25

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	130.5	114.0	171.0
115	56.6	48.1	72.1



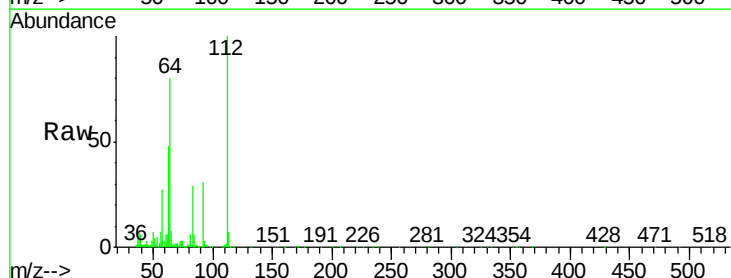
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



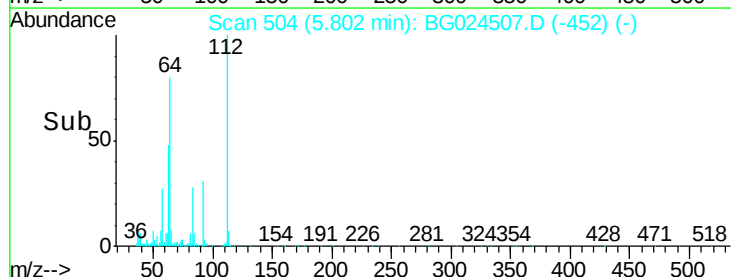
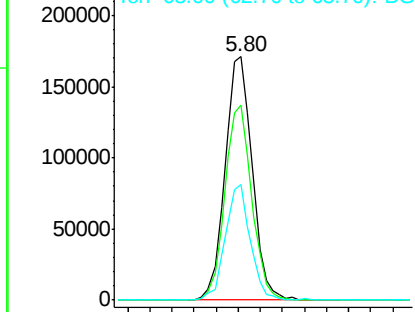
#5

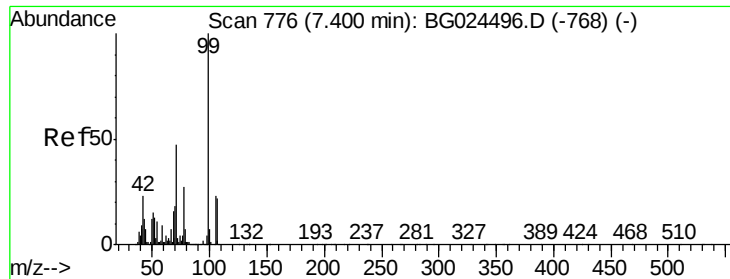
2-Fluorophenol
Concen: 42.06 ng
RT: 5.80 min Scan# 504
Delta R.T. 0.01 min
Lab File: BG024507.D
Acq: 25 Oct 2016 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	80.3	61.8	92.6
63	47.7	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





#7

Phenol-d6

Concen: 29.80 ng

RT: 7.40 min Scan# 776

Delta R.T. 0.00 min

Lab File: BG024507.D

Acq: 25 Oct 2016 21:25

Instrument :

BNA_G

ClientSampleId :

20161021-DS-AMBIENT-M

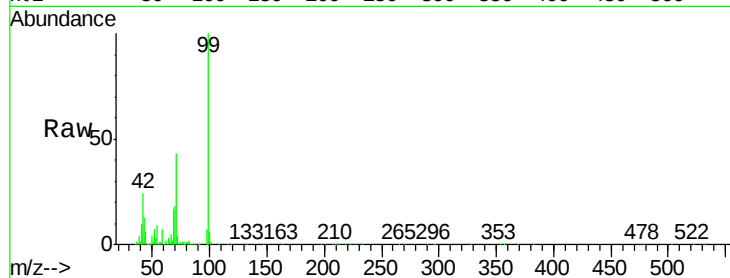
Tot Ion: 99 Resp: 286098

Ion Ratio Lower Upper

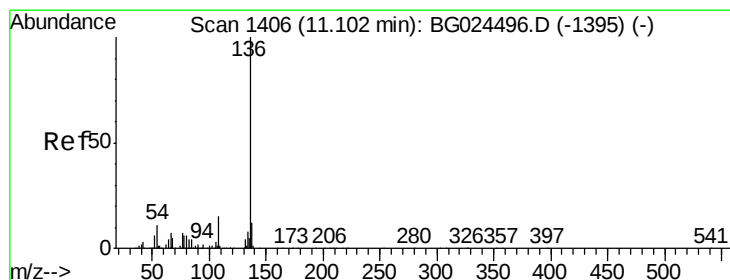
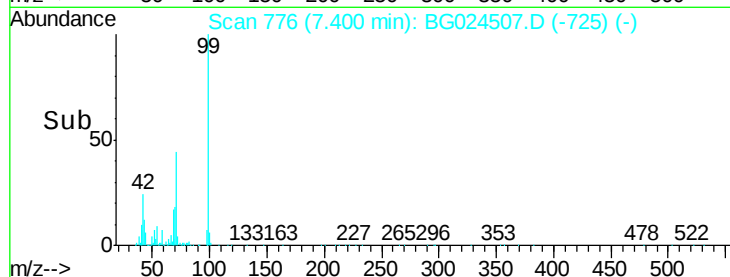
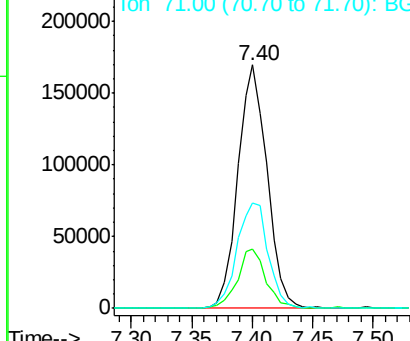
99 100

42 24.3 20.5 30.7

71 43.5 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# 1405

Delta R.T. -0.01 min

Lab File: BG024507.D

Acq: 25 Oct 2016 21:25

Tgt Ion: 136 Resp: 424575

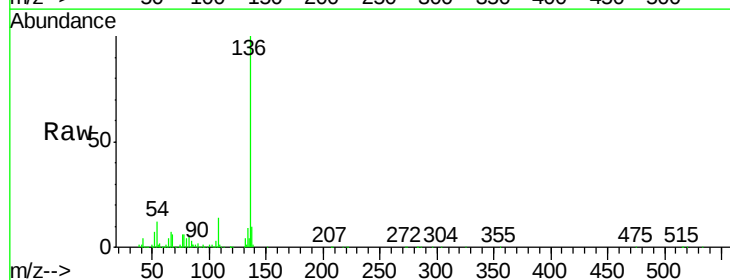
Ion Ratio Lower Upper

136 100

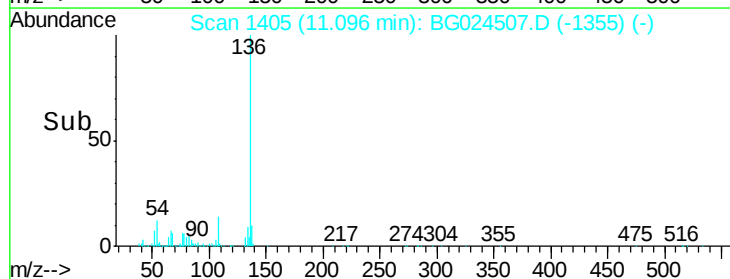
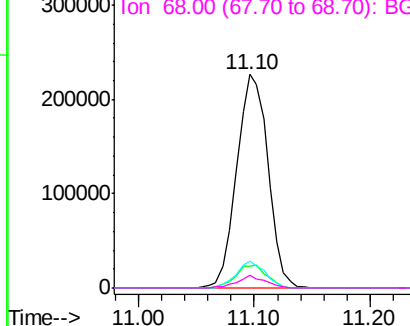
137 10.2 8.9 13.3

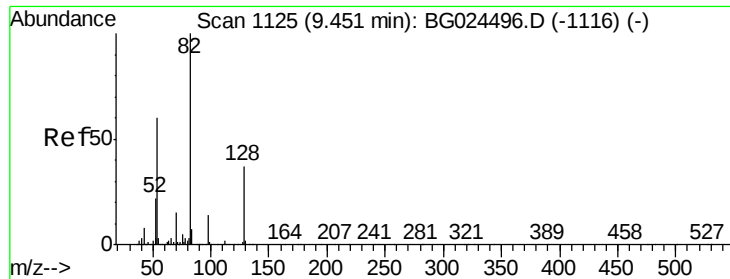
54 12.3 9.3 13.9

68 6.2 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

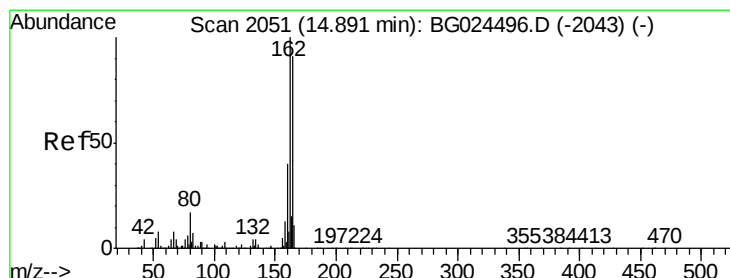
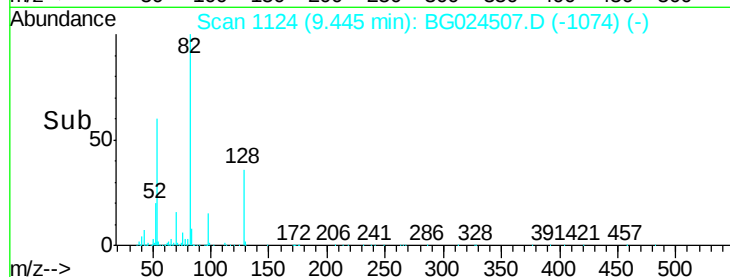
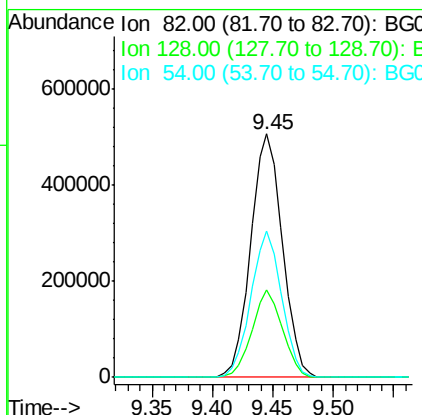
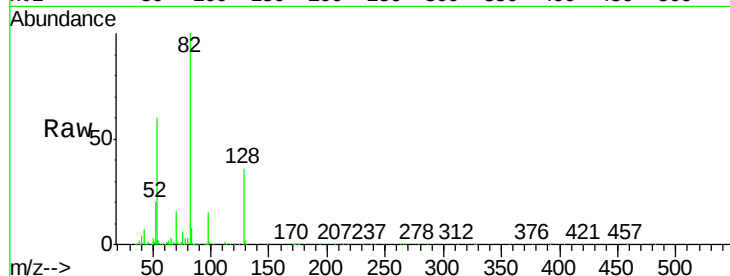




#23
 Nitrobenzene-d5
 Concen: 99.12 ng
 RT: 9.45 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024507.D
 Acq: 25 Oct 2016 21:25

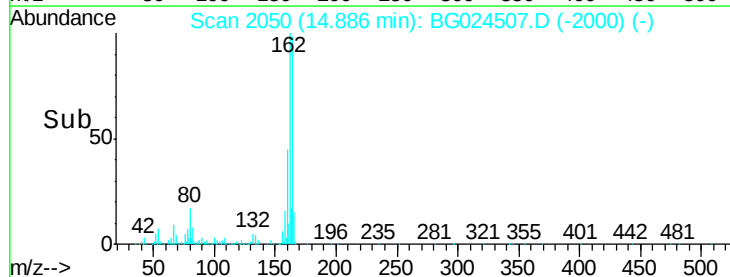
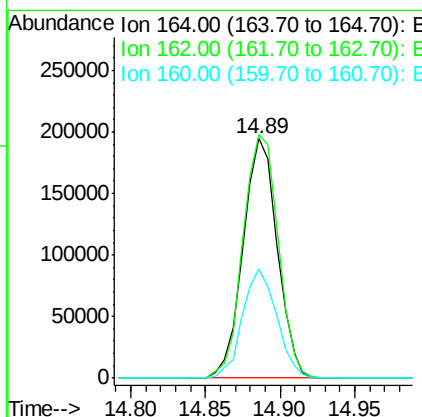
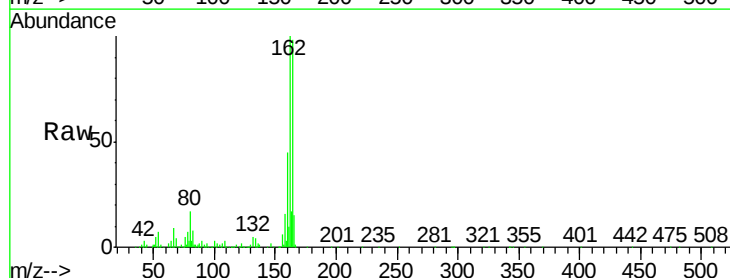
Instrument :
 BNA_G
 ClientSampleId :
 20161021-DS-AMBIENT-M

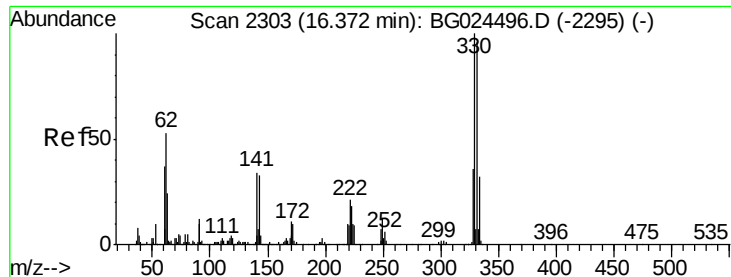
Tot Ion	82	Resp	924327
Ion Ratio	Lower	Upper	
82	100		
128	36.1	26.4	39.6
54	59.9	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024507.D
 Acq: 25 Oct 2016 21:25

Tgt Ion	164	Resp	308503
Ion Ratio	Lower	Upper	
164	100		
162	101.7	85.1	127.7
160	45.7	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 93.74 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024507.D

Acq: 25 Oct 2016 21:25

Instrument :

BNA_G

ClientSampleId :

20161021-DS-AMBIENT-M

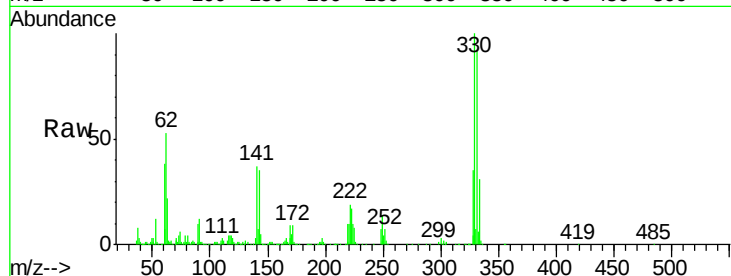
Tot Ion:330 Resp: 432058

Ion Ratio Lower Upper

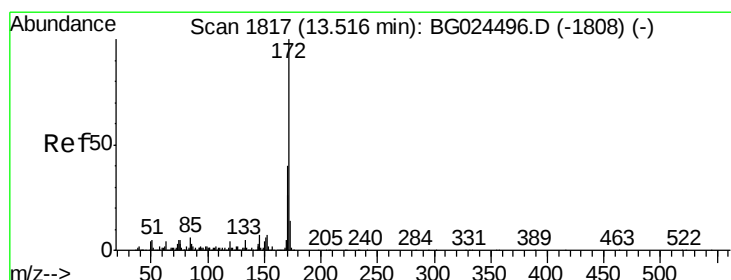
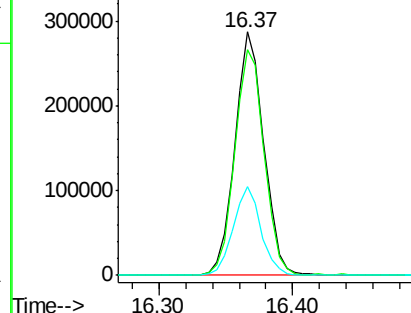
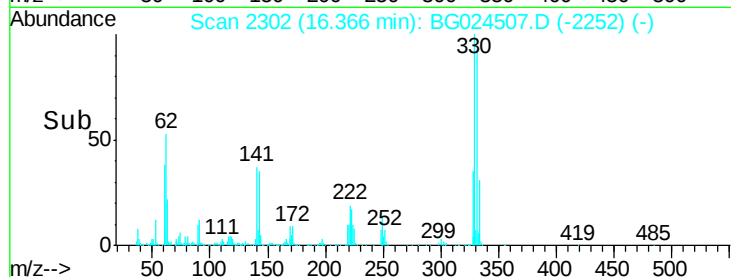
330 100

332 94.2 77.3 115.9

141 35.4 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: 98.08 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024507.D

Acq: 25 Oct 2016 21:25

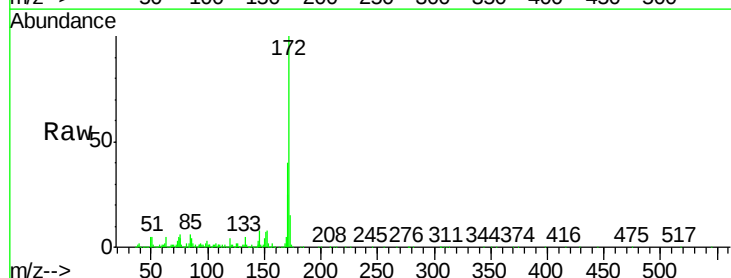
Tgt Ion:172 Resp: 1820449

Ion Ratio Lower Upper

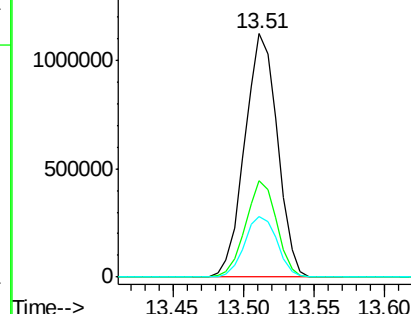
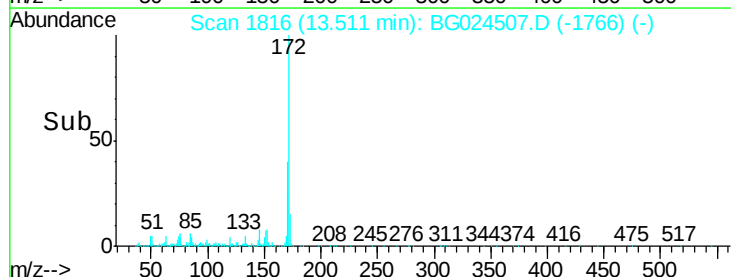
172 100

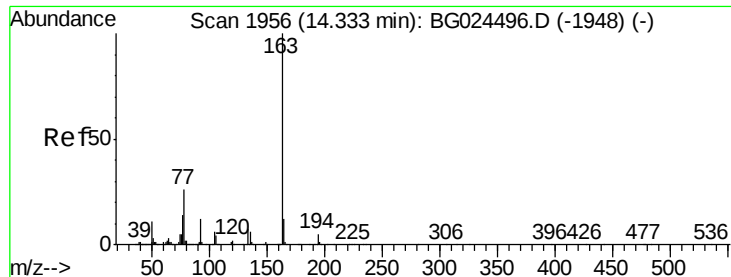
171 39.8 32.2 48.2

170 25.1 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: 2.59 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG024507.D

Acq: 25 Oct 2016 21:25

Instrument :

BNA_G

ClientSampleId :

20161021-DS-AMBIENT-M

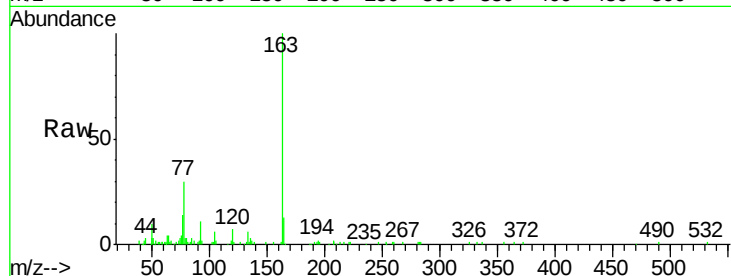
Tot Ion:163 Resp: 56815

Ion Ratio Lower Upper

163 100

194 2.5 3.8 5.6#

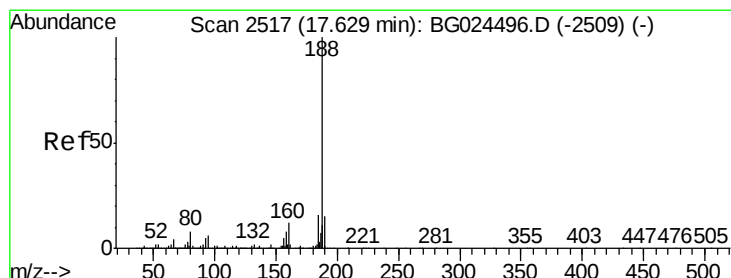
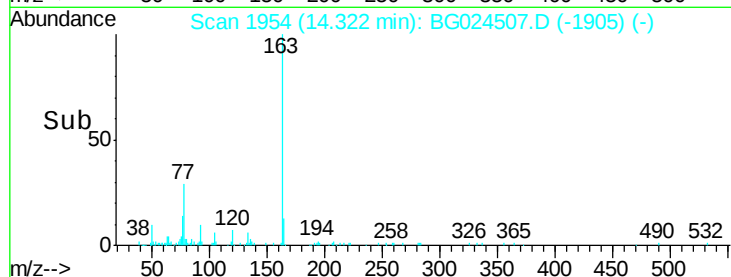
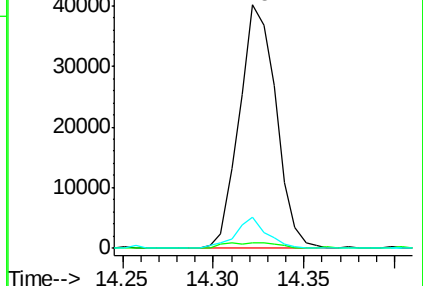
164 13.0 9.3 13.9



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: BG024507.D

Acq: 25 Oct 2016 21:25

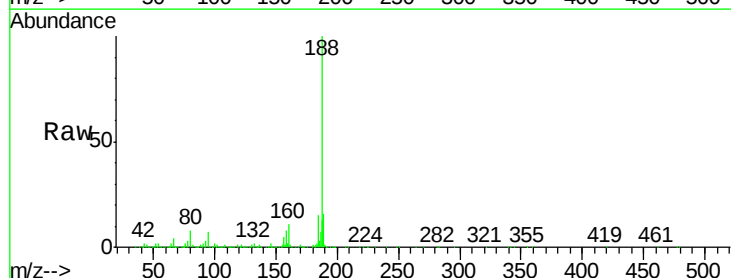
Tgt Ion:188 Resp: 705326

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

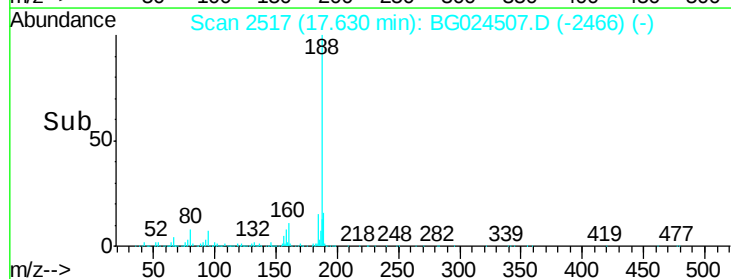
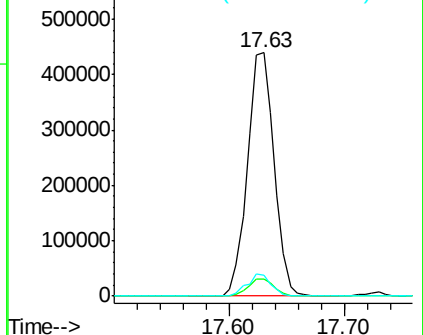
80 8.5 7.5 11.3

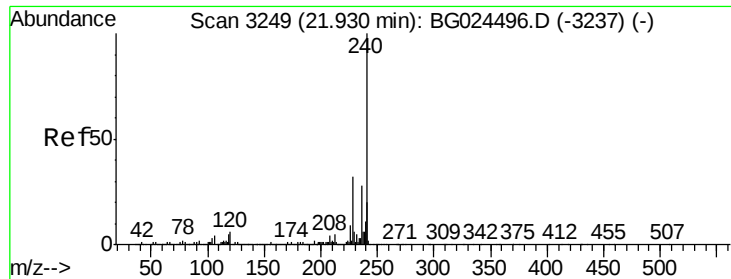


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

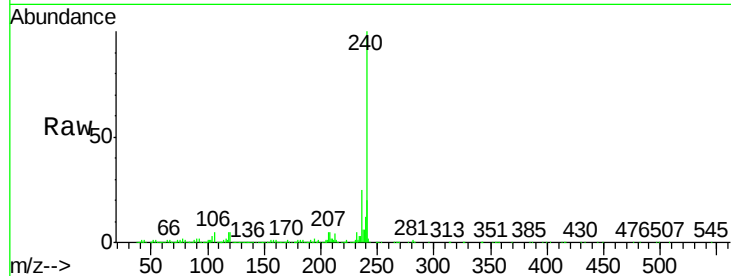




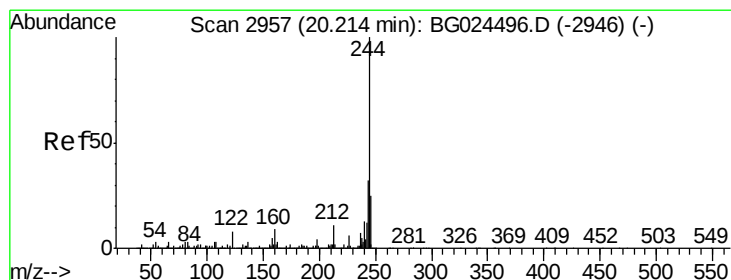
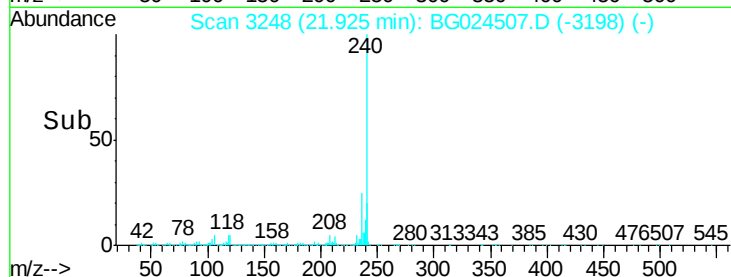
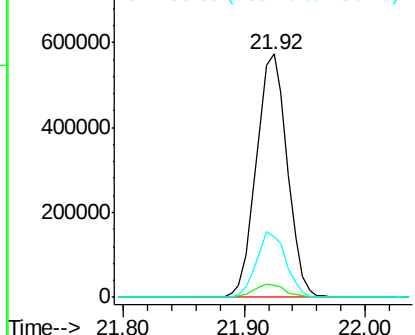
#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.92 min Scan# 3248
 Delta R.T. -0.01 min
 Lab File: BG024507.D
 Acq: 25 Oct 2016 21:25

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

Tot Ion:240 Resp: 1017331
 Ion Ratio Lower Upper
 240 100
 120 5.0 5.7 8.5#
 236 24.9 22.2 33.4

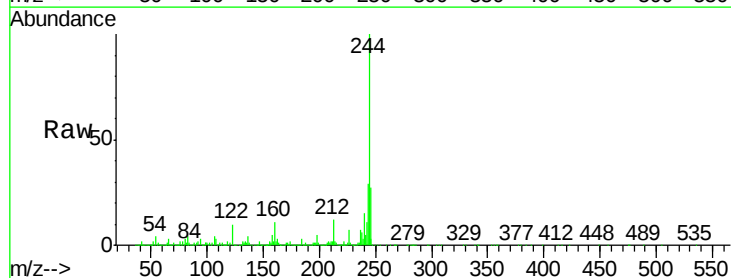


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

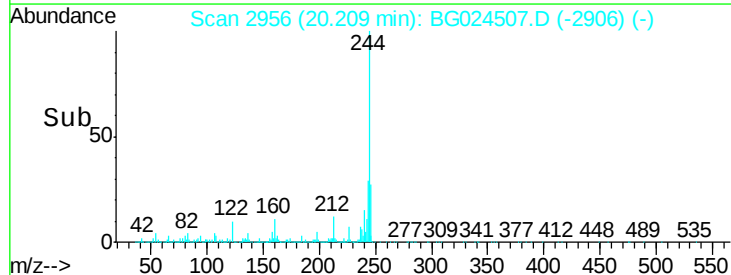
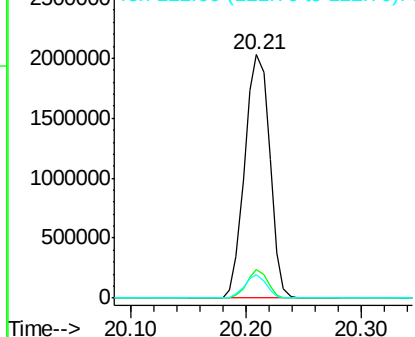


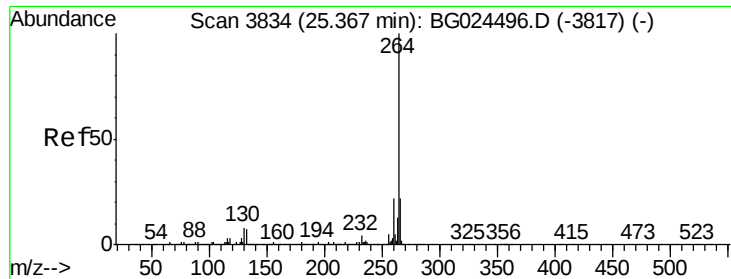
#78
 Terphenyl-d14
 Concen: 90.05 ng
 RT: 20.21 min Scan# 2956
 Delta R.T. -0.01 min
 Lab File: BG024507.D
 Acq: 25 Oct 2016 21:25

Tgt Ion:244 Resp: 3065849
 Ion Ratio Lower Upper
 244 100
 212 11.7 10.0 15.0
 122 9.8 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



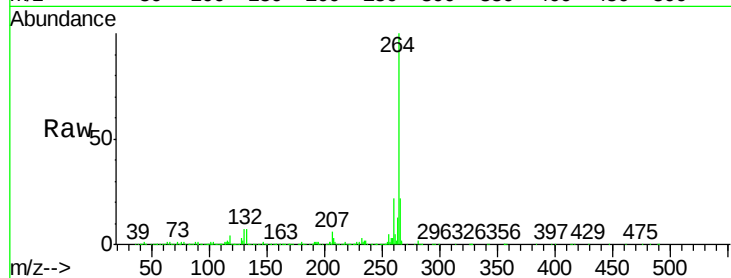


#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.36 min Scan# 3832
 Delta R.T. -0.01 min
 Lab File: BG024507.D
 Acq: 25 Oct 2016 21:25

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

Tot Ion:264 Resp: 1075149

Ion	Ratio	Lower	Upper
264	100		
260	22.2	21.8	32.8
265	22.0	18.2	27.4



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

