

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110116\
 Data File : BG024597.D
 Acq On : 1 Nov 2016 17:53
 Operator : UM/SJ
 Sample : PB94460BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB94460BL

Quant Time: Nov 02 03:17:21 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	126161	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	467621	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	356933	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	814101	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1086293	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1150610	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	928296	120.60	ng	0.00
7) Phenol-d6	7.41	99	1279264	121.16	ng	0.00
23) Nitrobenzene-d5	9.44	82	900318	87.66	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	656491	123.11	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1813940	84.47	ng	0.00
78) Terphenyl-d14	20.20	244	3013691	82.90	ng	-0.01

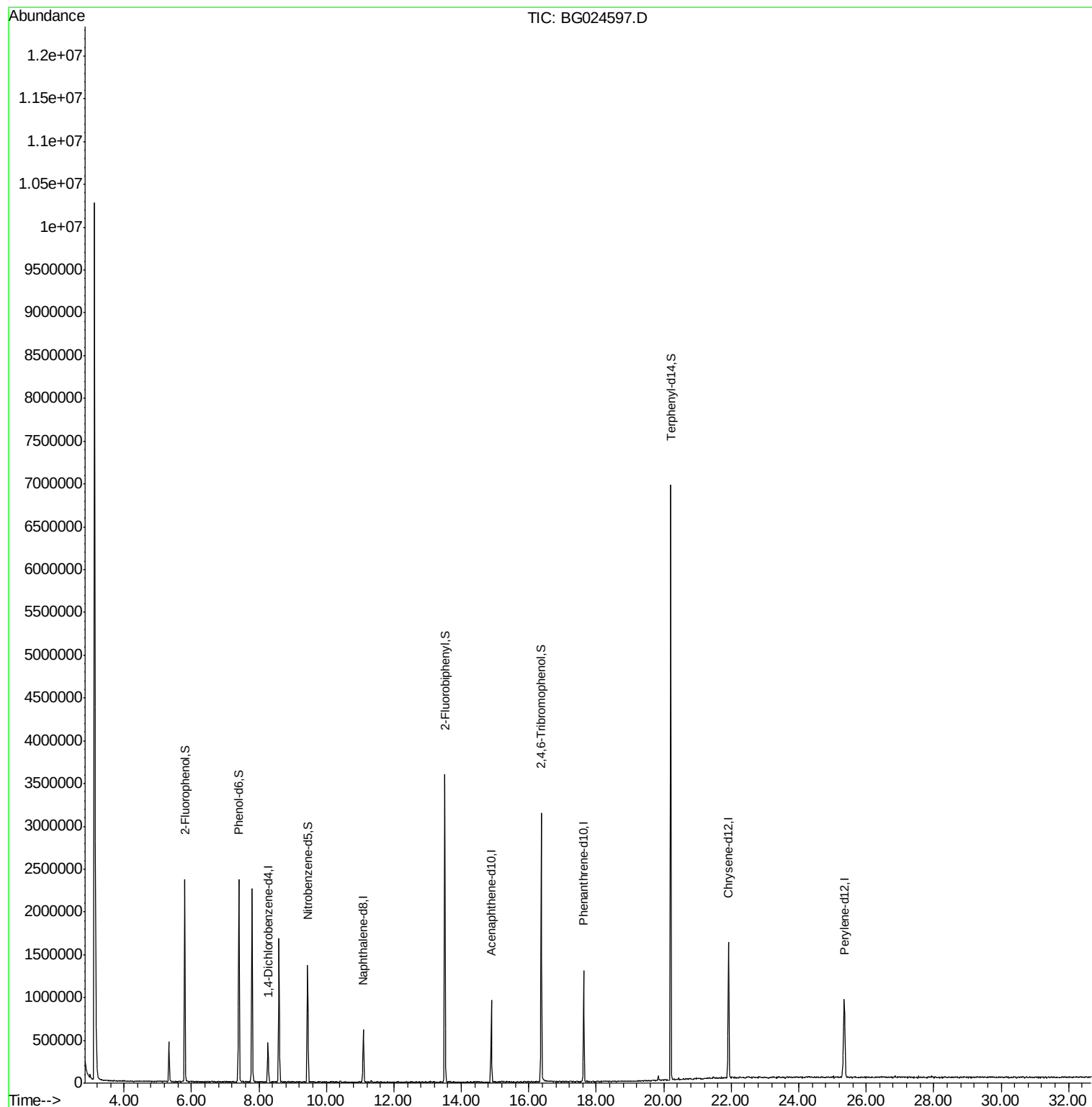
Target Compounds Qvalue

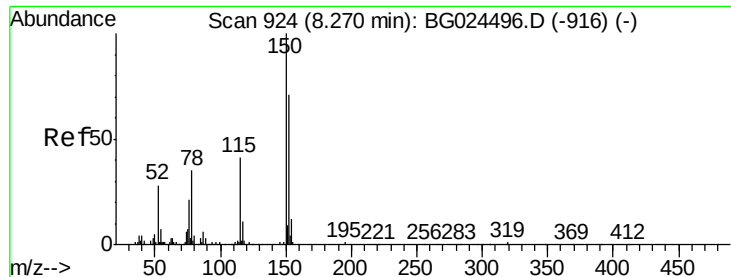
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024597.D

Acq: 1 Nov 2016 17:53

Instrument :

BNA_G

ClientSampleId :

PB94460BL

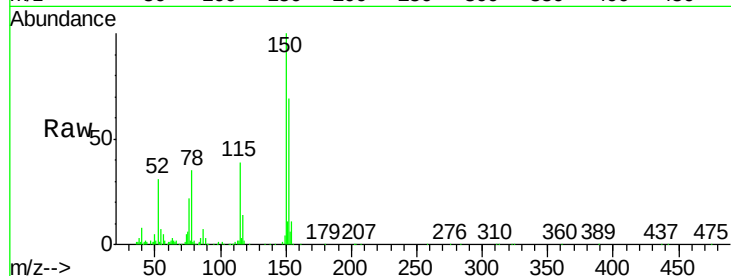
Tot Ion:152 Resp: 126161

Ion Ratio Lower Upper

152 100

150 145.9 114.0 171.0

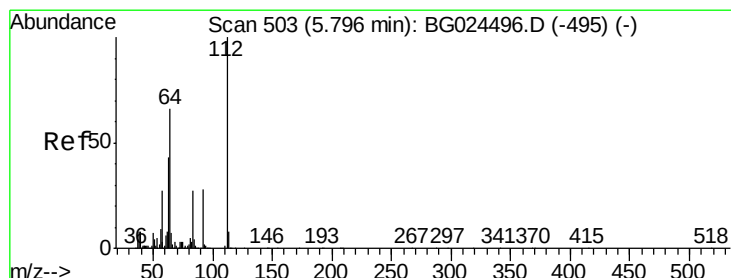
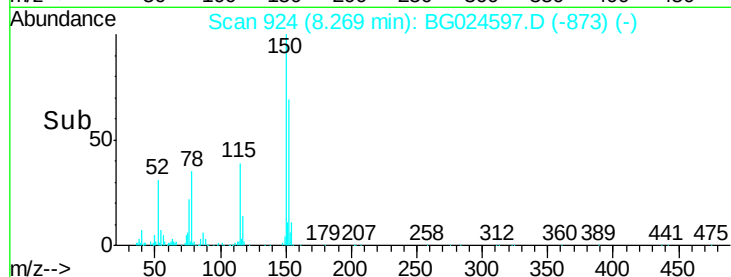
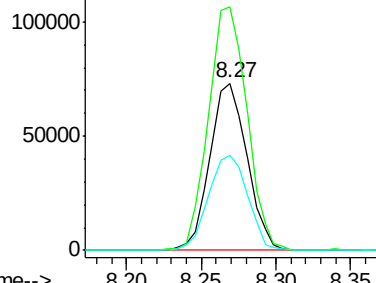
115 57.2 48.1 72.1



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: 120.60 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

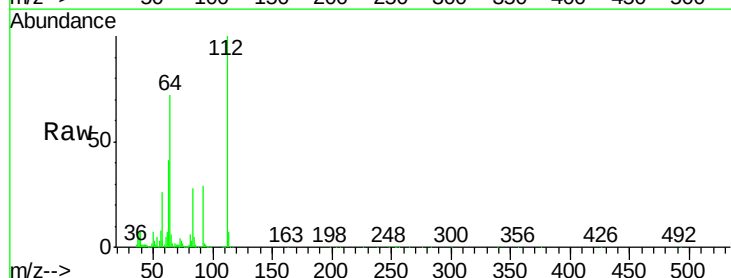
Tgt Ion:112 Resp: 928296

Ion Ratio Lower Upper

112 100

64 71.9 61.8 92.6

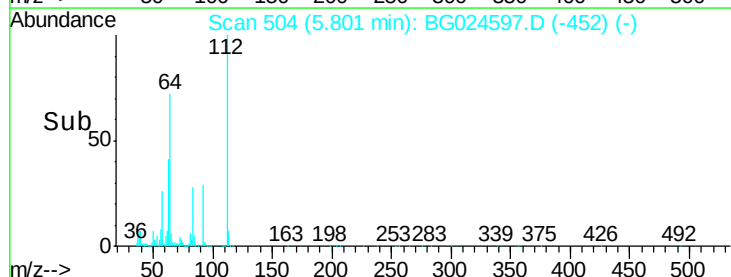
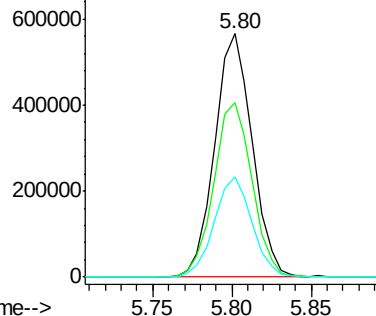
63 41.2 37.2 55.8

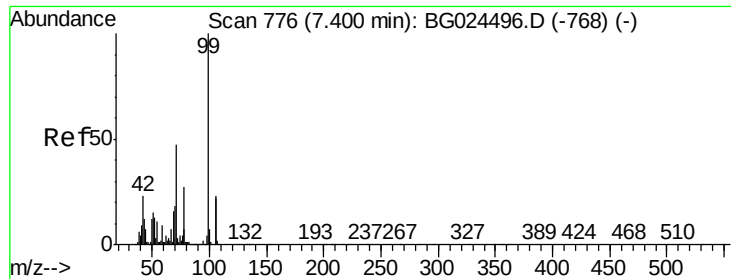


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.16 ng

RT: 7.41 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Instrument :

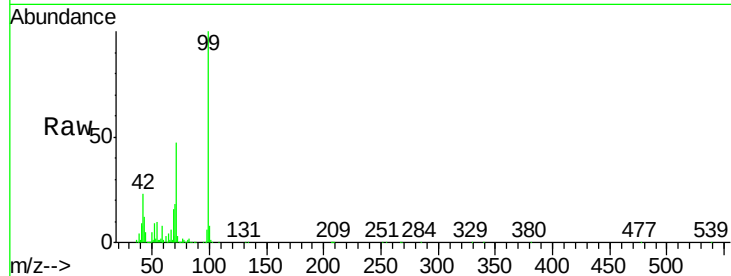
BNA_G

ClientSampleId :

PB94460BL

Tot Ion: 99 Resp: 1279264

Ion	Ratio	Lower	Upper
99	100		
42	22.5	20.5	30.7
71	47.5	37.6	56.4

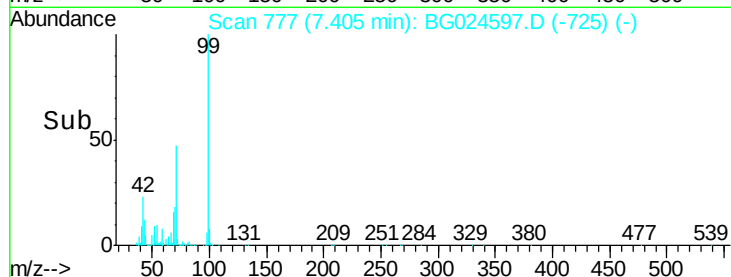


Abundance

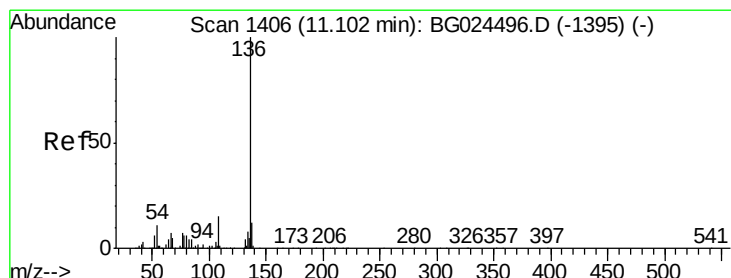
Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



Time--> 7.30 7.35 7.40 7.45



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.10 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Tgt Ion: 136 Resp: 467621

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	10.9	9.3	13.9
68	5.8	5.1	7.7

Abundance

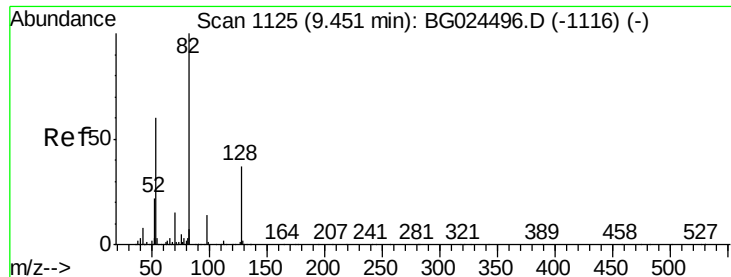
Ion 136.00 (135.70 to 136.70): BGC

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

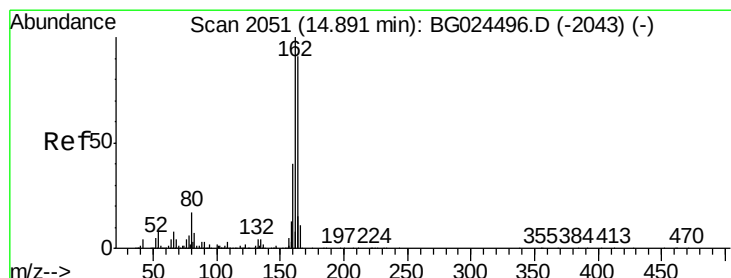
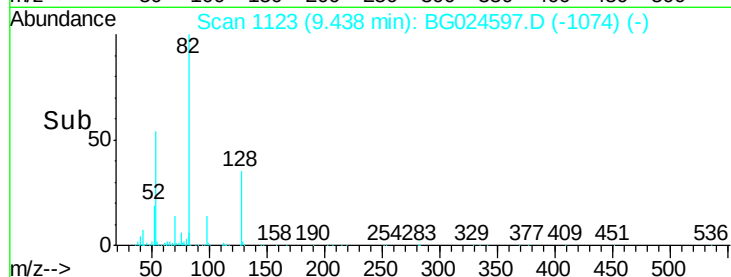
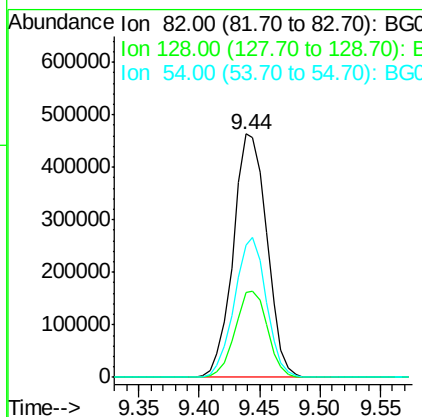
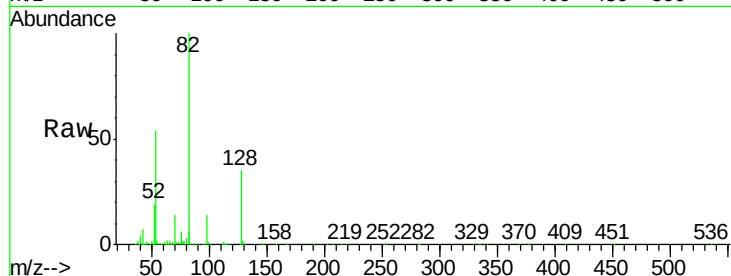
Time--> 11.00 11.10



#23
 Nitrobenzene-d5
 Concen: 87.66 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG024597.D
 Acq: 1 Nov 2016 17:53

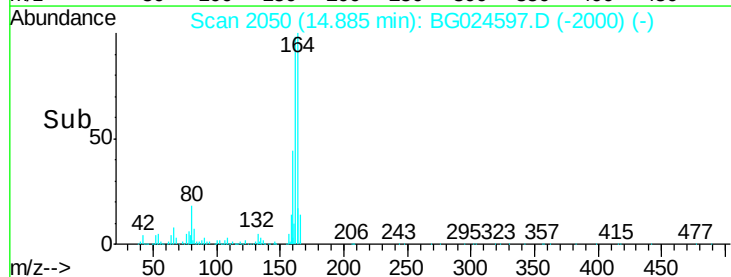
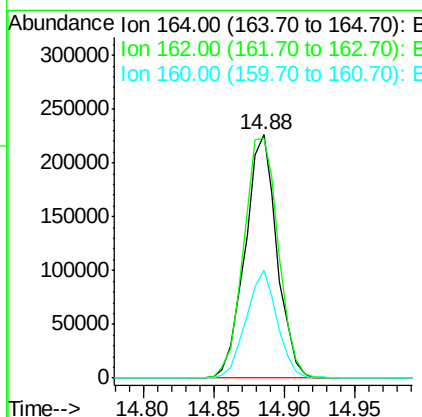
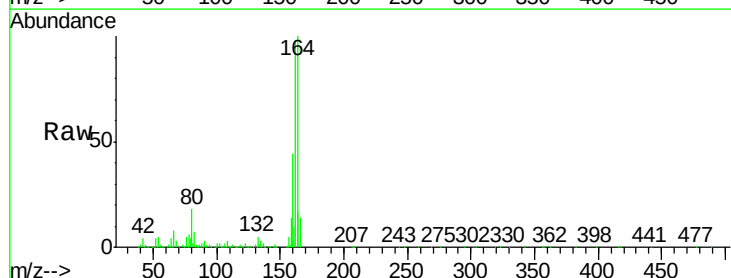
Instrument :
 BNA_G
 ClientSampleID :
 PB94460BL

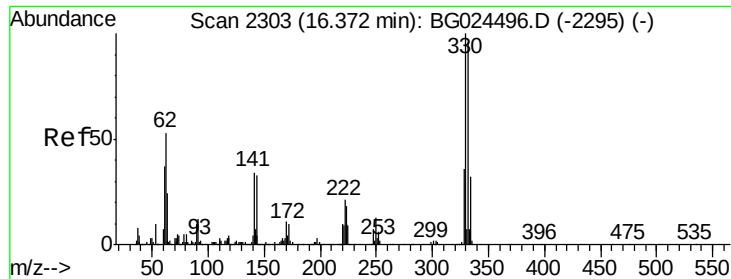
Tot Ion	82	Resp	900318
Ion Ratio	Lower	Upper	
82	100		
128	35.0	26.4	39.6
54	54.4	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024597.D
 Acq: 1 Nov 2016 17:53

Tgt Ion	164	Resp	356933
Ion Ratio	Lower	Upper	
164	100		
162	98.2	85.1	127.7
160	44.5	34.7	52.1





#41

2,4,6-Tribromophenol

Concen: 123.11 ng

RT: 16.37 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Instrument :

BNA_G

ClientSampled :

PB94460BL

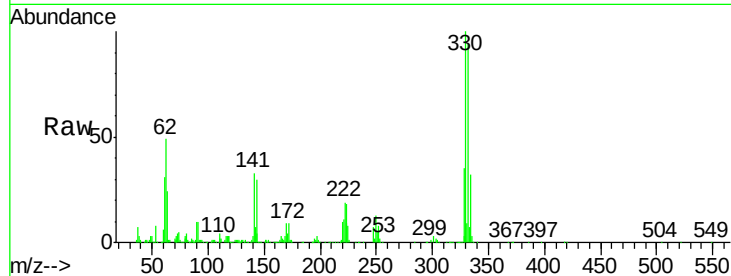
Tot Ion:330 Resp: 656491

Ion Ratio Lower Upper

330 100

332 94.1 77.3 115.9

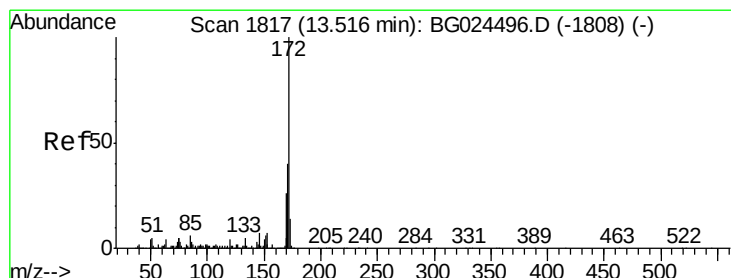
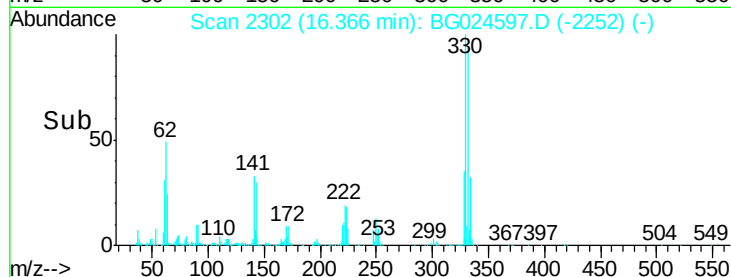
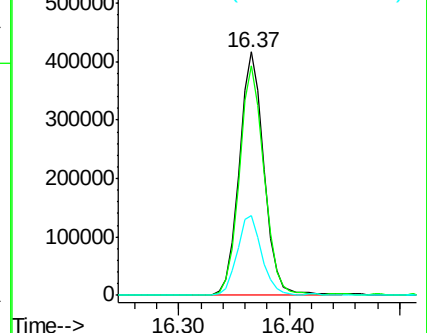
141 32.6 32.1 48.1



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: 84.47 ng

RT: 13.51 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

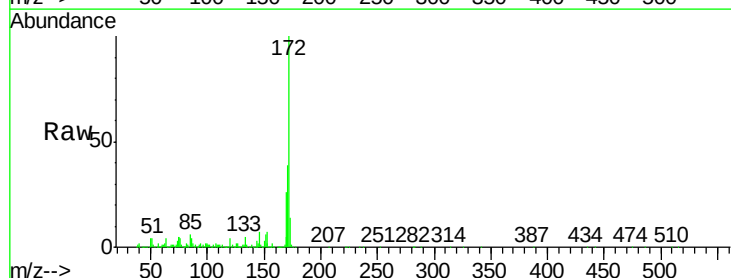
Tgt Ion:172 Resp: 1813940

Ion Ratio Lower Upper

172 100

171 38.9 32.2 48.2

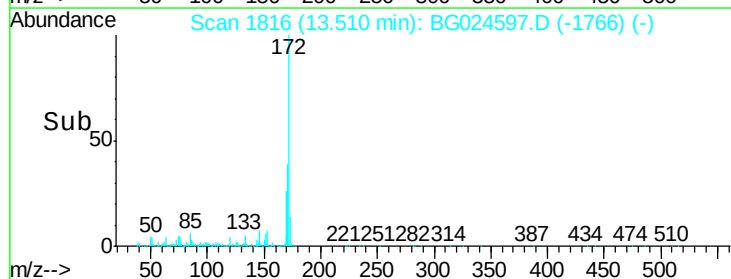
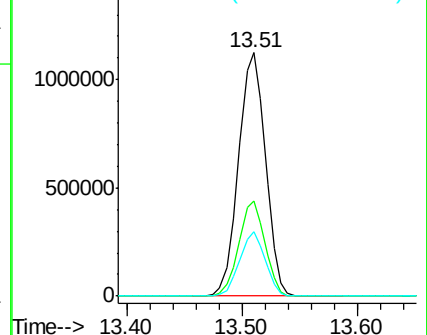
170 26.3 21.8 32.6

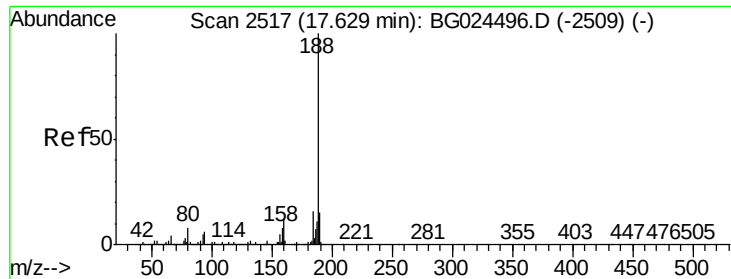


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

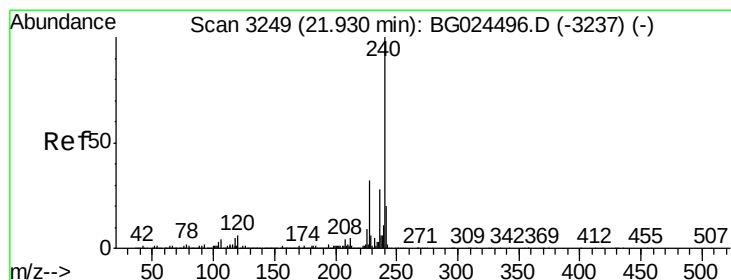
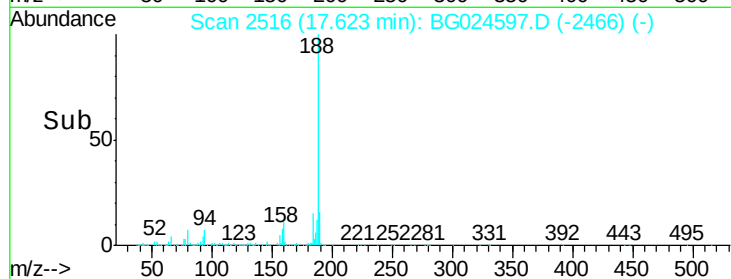
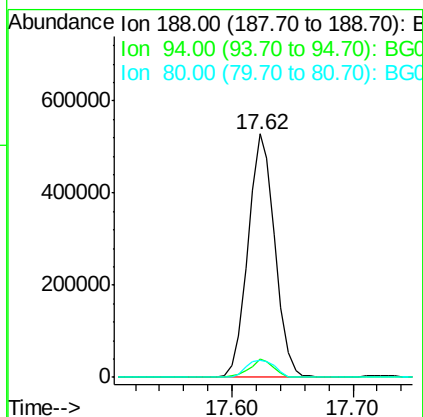
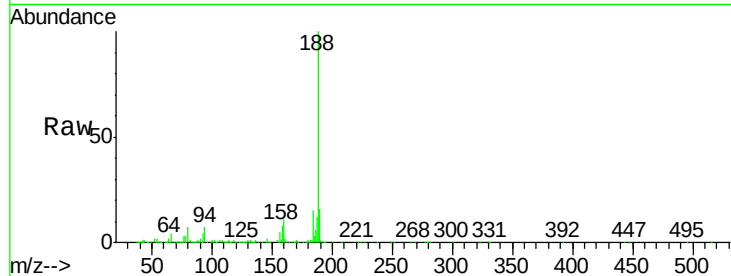




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024597.D
Acq: 1 Nov 2016 17:53

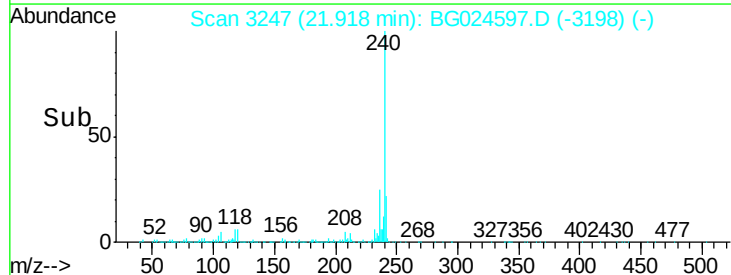
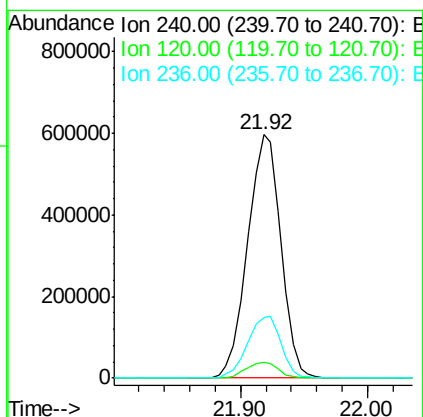
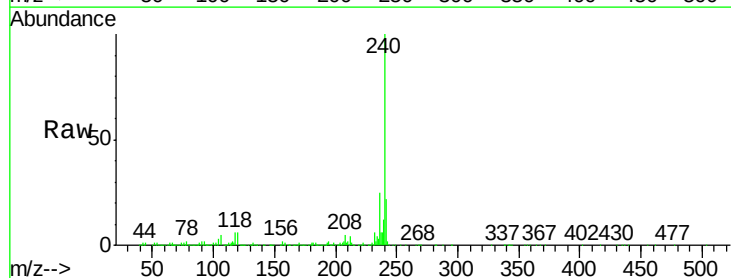
Instrument :
BNA_G
ClientSampleId :
PB94460BL

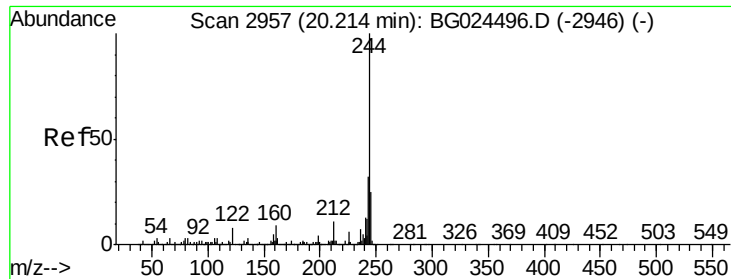
Tot Ion:188 Resp: 814101
Ion Ratio Lower Upper
188 100
94 7.3 5.8 8.8
80 6.8 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024597.D
Acq: 1 Nov 2016 17:53

Tgt Ion:240 Resp: 1086293
Ion Ratio Lower Upper
240 100
120 6.4 5.7 8.5
236 25.0 22.2 33.4





#78

Terphenyl-d14

Concen: 82.90 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Instrument :

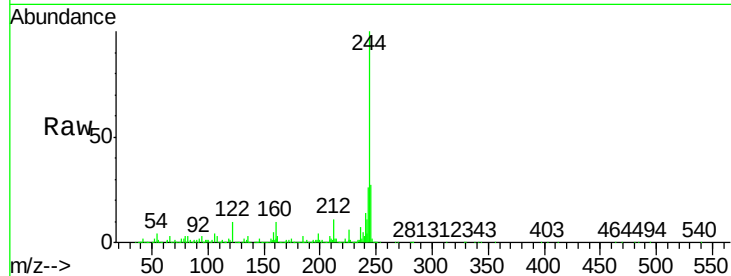
BNA_G

ClientSampleId :

PB94460BL

Tot Ion:244 Resp: 3013691

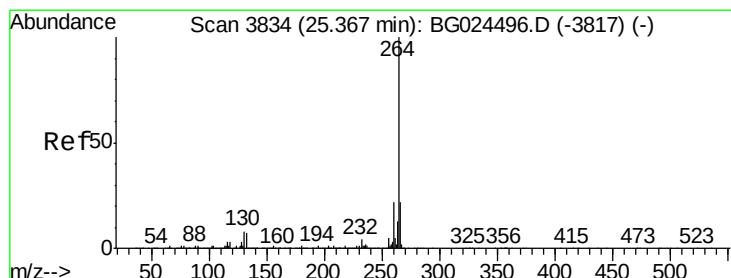
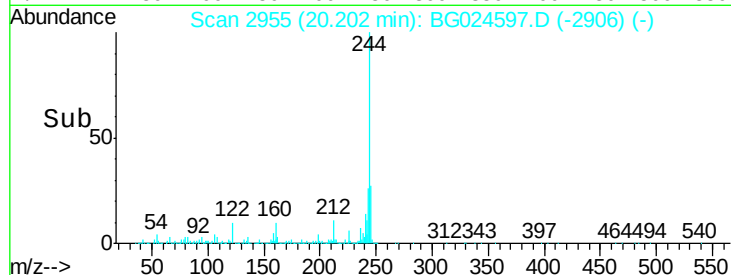
Ion	Ratio	Lower	Upper
244	100		
212	11.3	10.0	15.0
122	10.0	8.6	12.8



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

Perylene-d12

Concen: 20.00 ng

RT: 25.34 min Scan# 3830

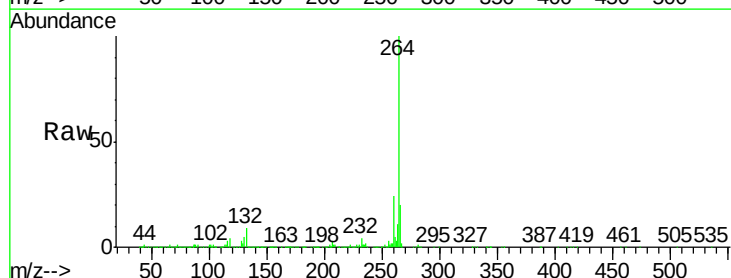
Delta R.T. -0.02 min

Lab File: BG024597.D

Acq: 1 Nov 2016 17:53

Tgt Ion:264 Resp: 1150610

Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	20.2	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

