

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024694.D
 Acq On : 5 Nov 2016 3:05
 Operator : UM/SJ
 Sample : H5531-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0012

Quant Time: Nov 05 03:35:18 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	8.26	152	98150	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	387465	20.00	ng	-0.01
38) Acenaphthene-d10	14.89	164	303717	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	703331	20.00	ng	0.00
75) Chrysene-d12	21.92	240	967256	20.00	ng	-0.01
86) Perylene-d12	25.34	264	992807	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	353627	59.05	ng	0.00
7) Phenol-d6	7.40	99	299627	36.48	ng	0.00
23) Nitrobenzene-d5	9.44	82	829923	97.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.37	330	671923	148.09	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	1754368	96.01	ng	-0.01
78) Terphenyl-d14	20.20	244	2979952	92.06	ng	-0.01

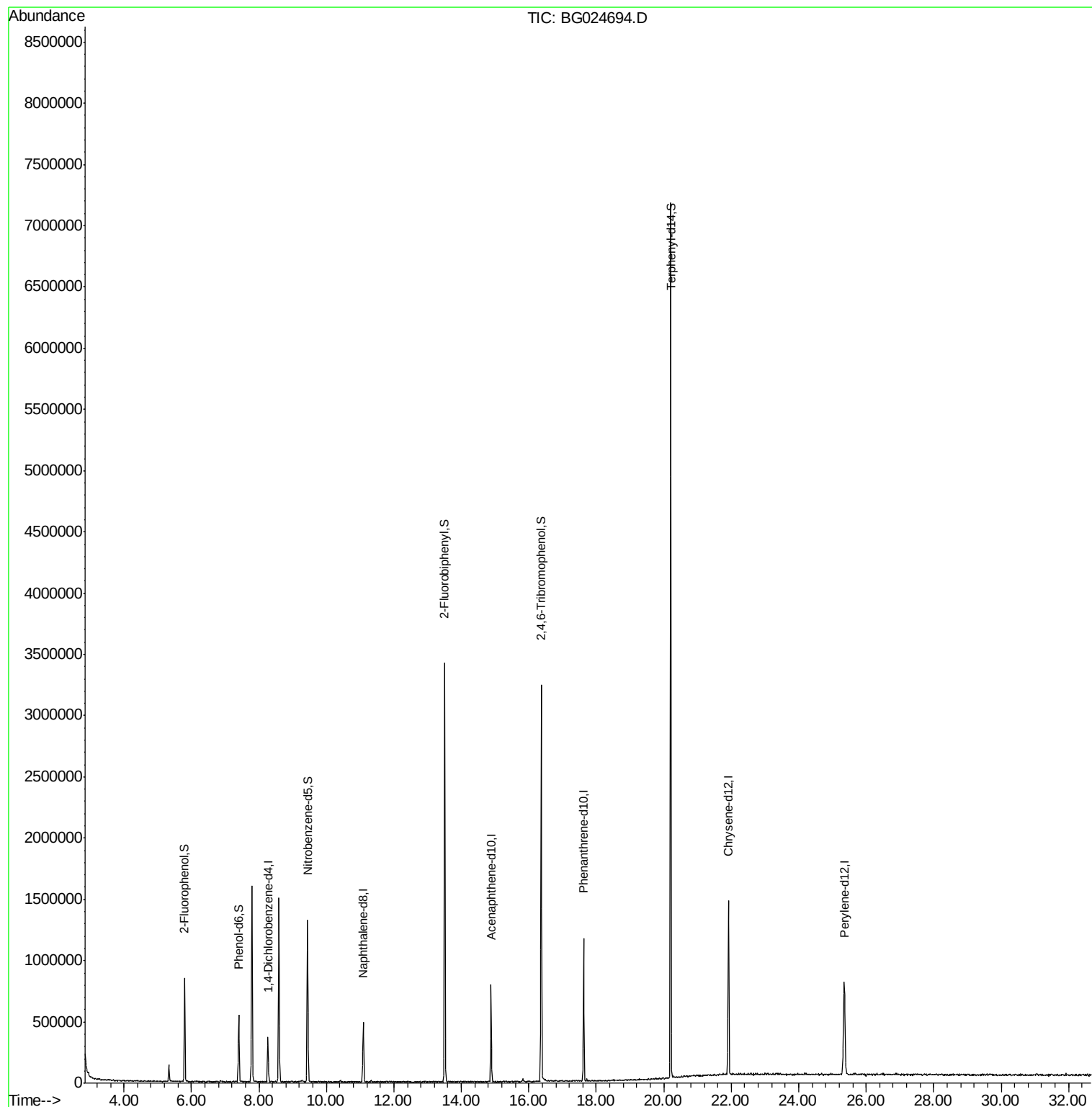
Target Compounds Qvalue

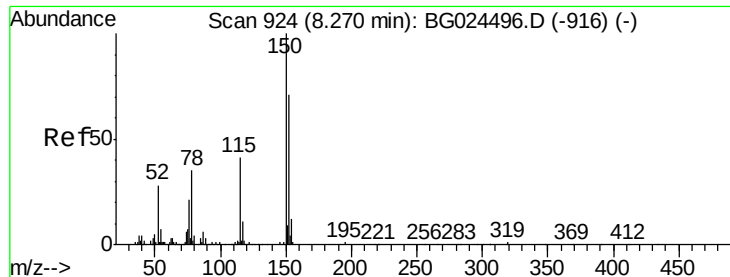
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG024694.D

Acq: 5 Nov 2016 3:05

Instrument :

BNA_G

ClientSampleId :

S22-0012

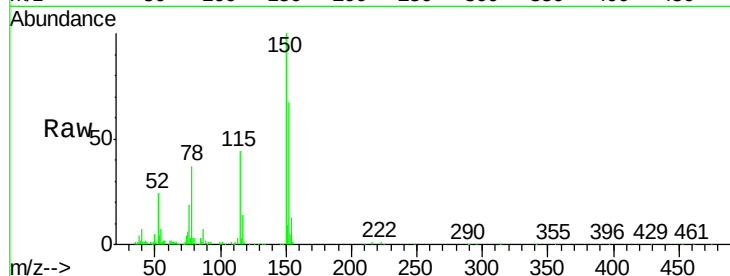
Tot Ion:152 Resp: 98150

Ion Ratio Lower Upper

152 100

150 149.4 114.0 171.0

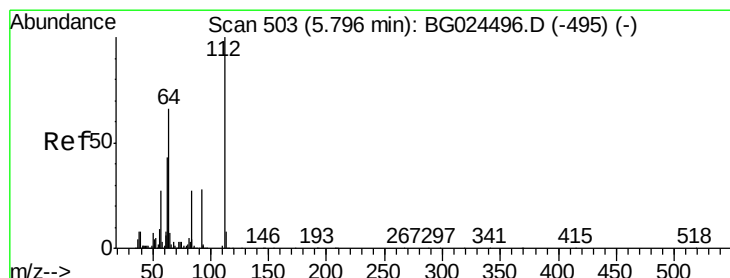
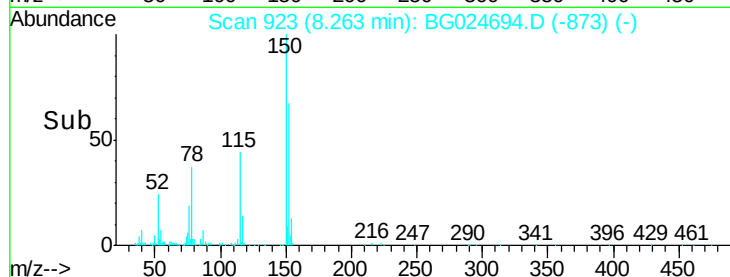
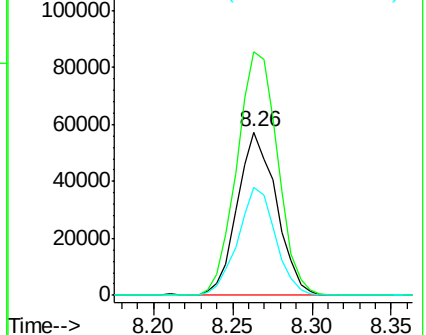
115 65.9 48.1 72.1



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



#5

2-Fluorophenol

Concen: 59.05 ng

RT: 5.80 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024694.D

Acq: 5 Nov 2016 3:05

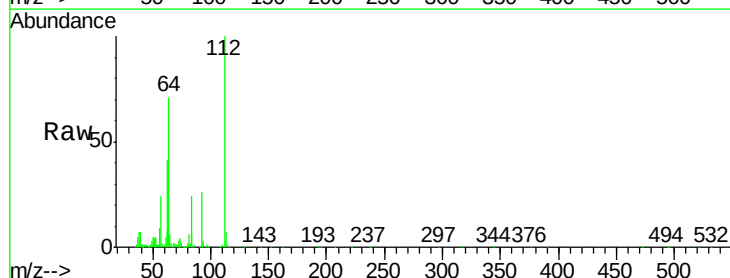
Tgt Ion:112 Resp: 353627

Ion Ratio Lower Upper

112 100

64 71.4 61.8 92.6

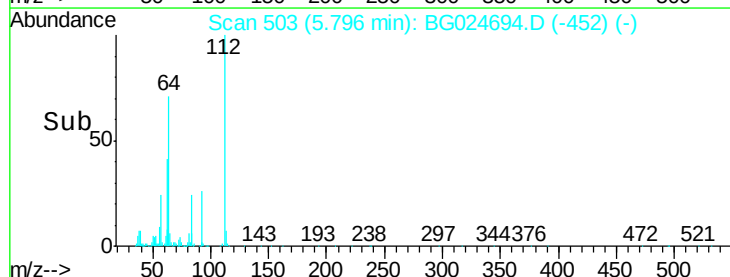
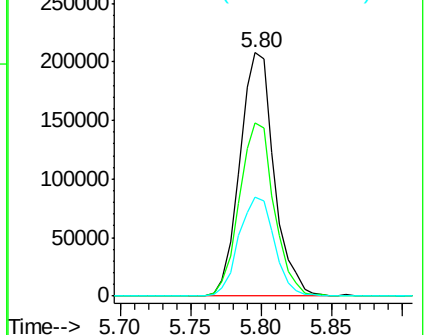
63 40.7 37.2 55.8

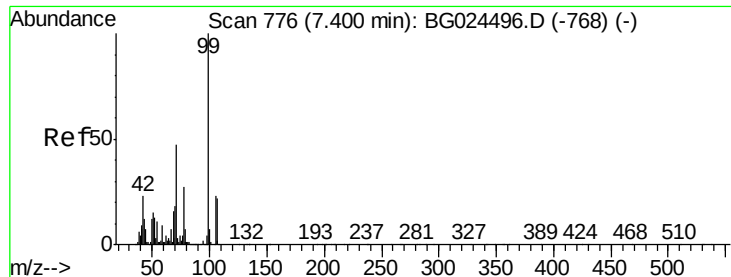


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.48 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024694.D

Acq: 5 Nov 2016 3:05

Instrument :

BNA_G

ClientSampleId :

S22-0012

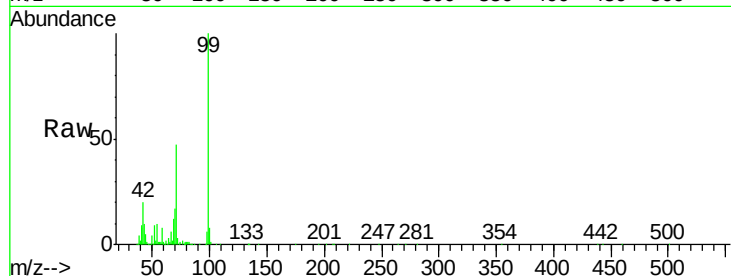
Tot Ion: 99 Resp: 299627

Ion Ratio Lower Upper

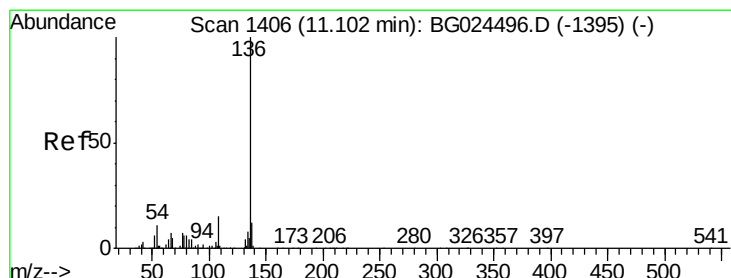
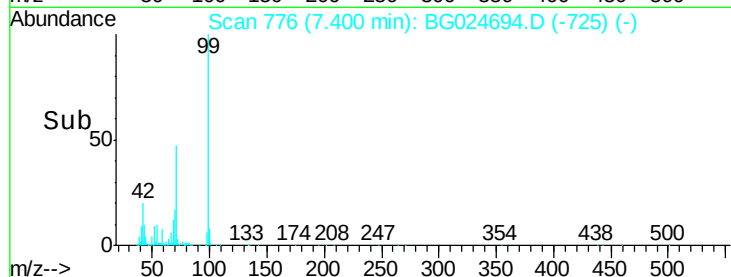
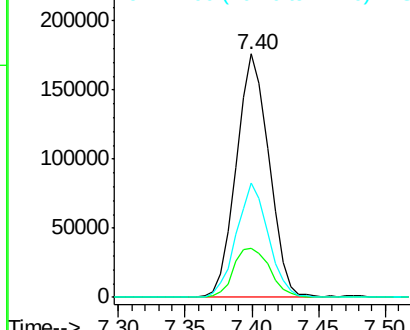
99 100

42 20.0 20.5 30.7#

71 46.9 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: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG024694.D

Acq: 5 Nov 2016 3:05

Tgt Ion: 136 Resp: 387465

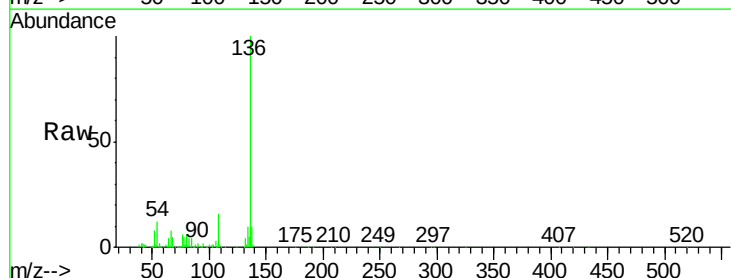
Ion Ratio Lower Upper

136 100

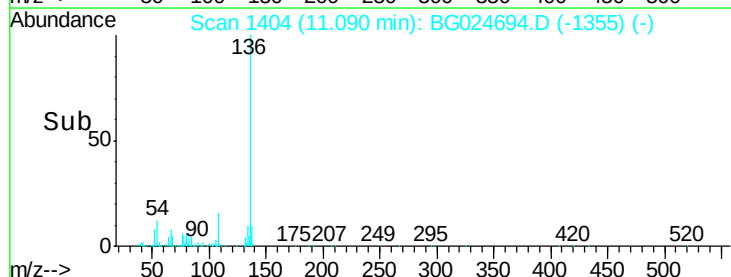
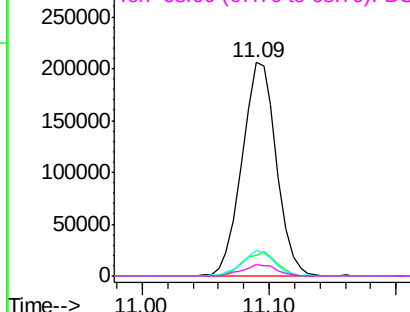
137 9.9 8.9 13.3

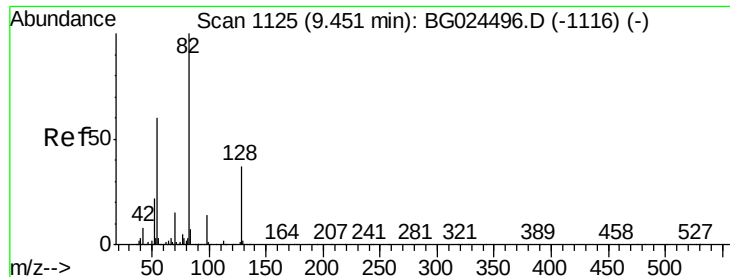
54 11.9 9.3 13.9

68 5.1 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

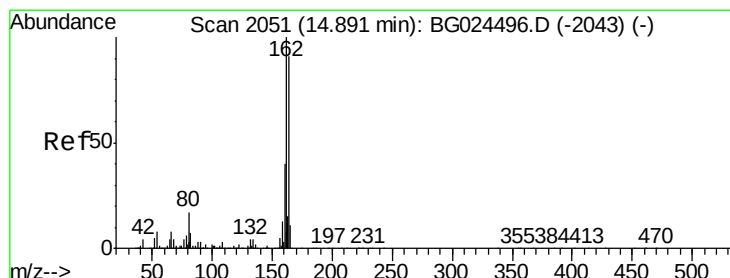
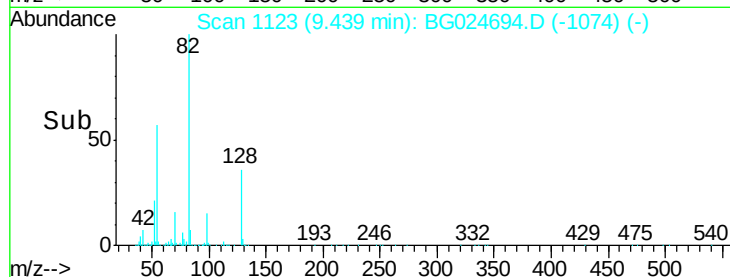
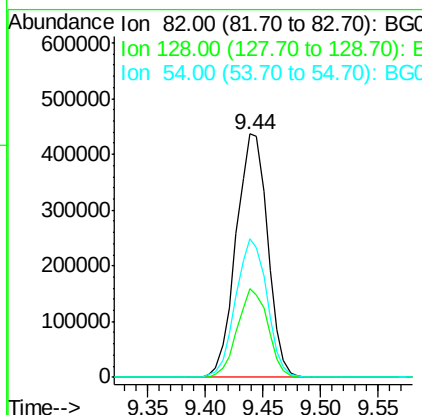
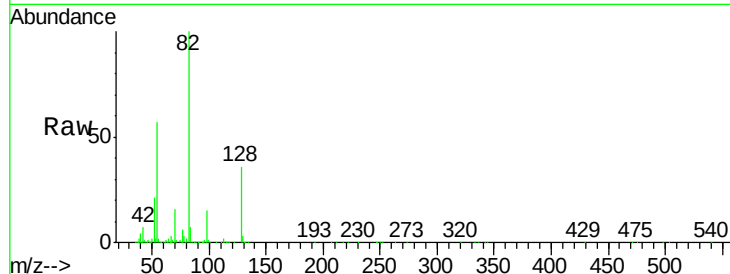




#23
 Nitrobenzene-d5
 Concen: 97.52 ng
 RT: 9.44 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BG024694.D
 Acq: 5 Nov 2016 3:05

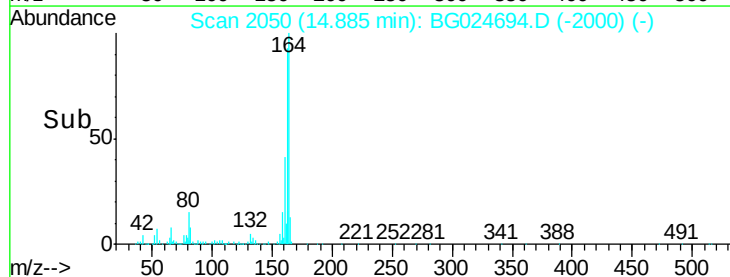
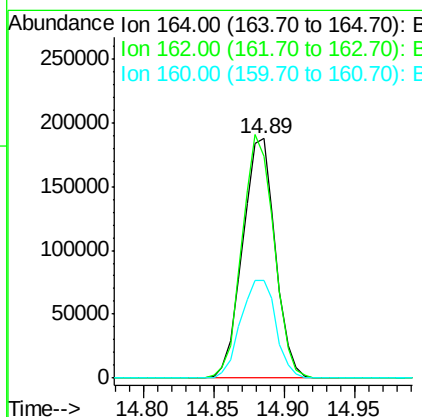
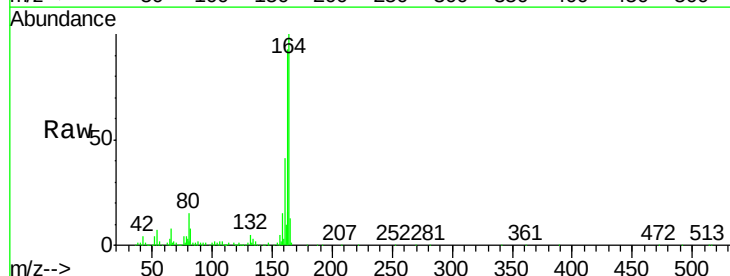
Instrument :
 BNA_G
 ClientSampleID :
 S22-0012

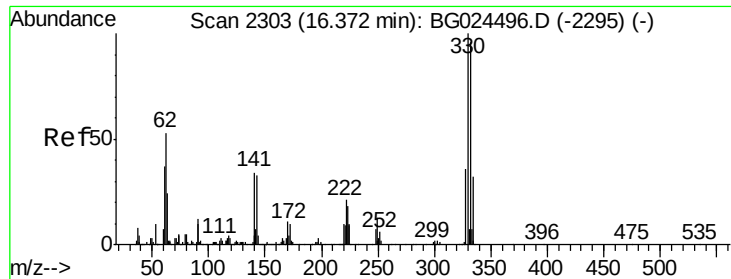
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.4	26.4	39.6
54	57.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG024694.D
 Acq: 5 Nov 2016 3:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	92.8	85.1	127.7
160	40.8	34.7	52.1

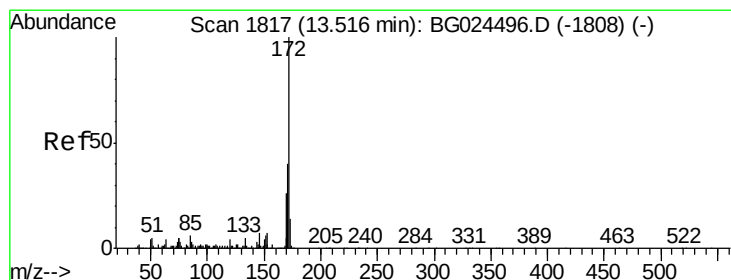
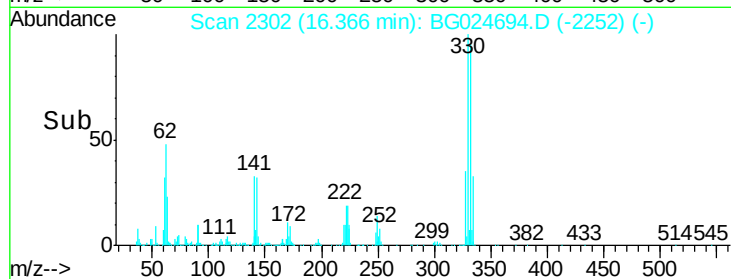
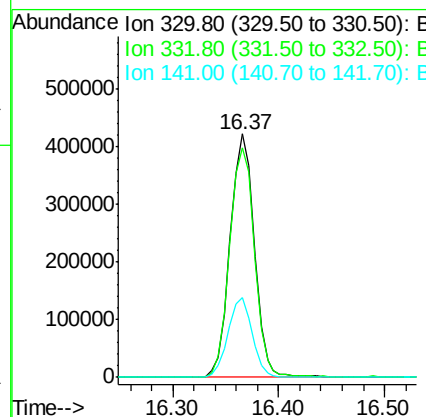
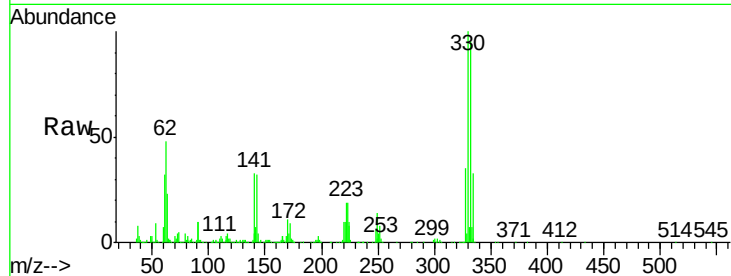




#41
 2,4,6-Tribromophenol
 Concen: 148.09 ng
 RT: 16.37 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: BG024694.D
 Acq: 5 Nov 2016 3:05

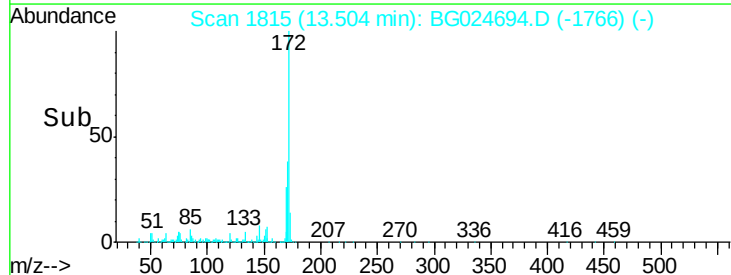
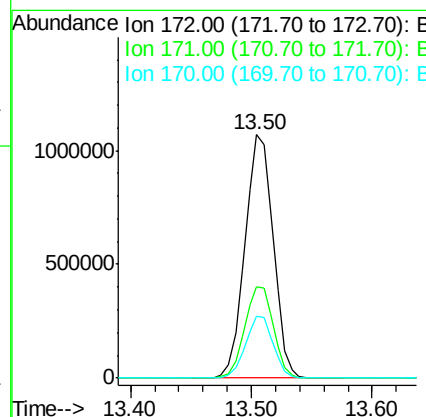
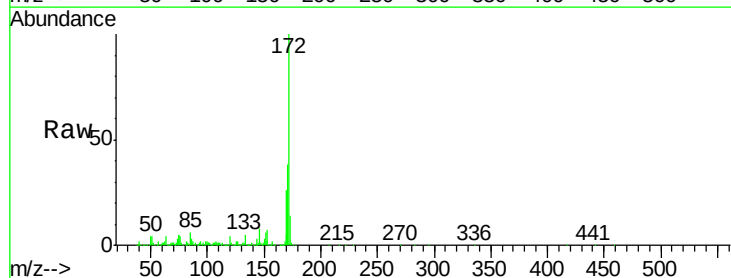
Instrument :
 BNA_G
 ClientSampled :
 S22-0012

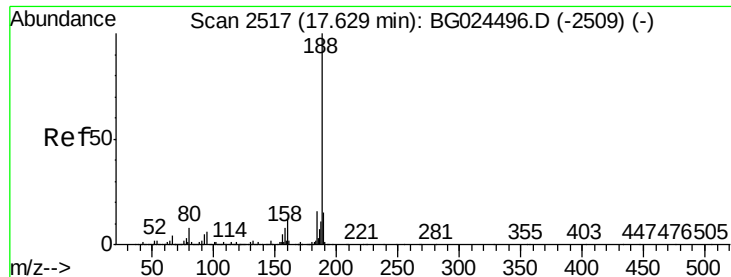
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	32.6	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 96.01 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG024694.D
 Acq: 5 Nov 2016 3:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	25.7	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.62 min Scan# 2516

Delta R.T. -0.01 min

Lab File: BG024694.D

Acq: 5 Nov 2016 3:05

Instrument :

BNA_G

ClientSampleId :

S22-0012

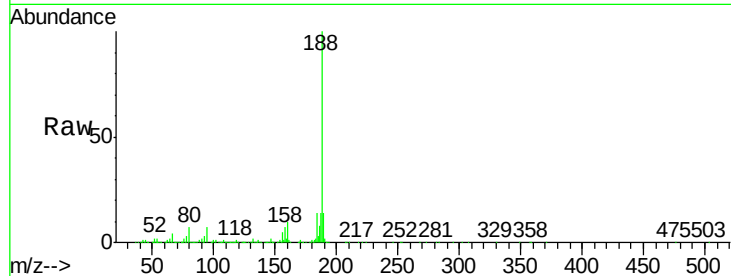
Tot Ion:188 Resp: 703331

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.8

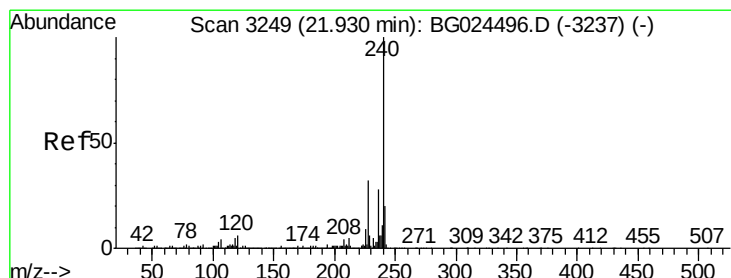
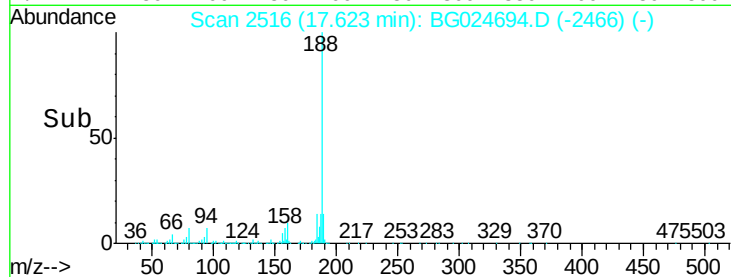
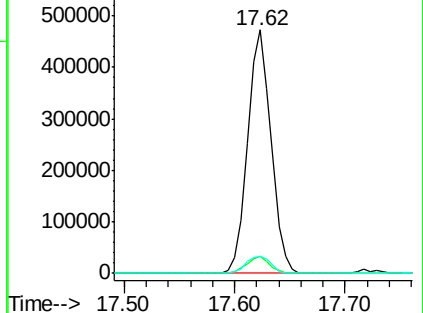
80 6.9 7.5 11.3#



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# 3247

Delta R.T. -0.01 min

Lab File: BG024694.D

Acq: 5 Nov 2016 3:05

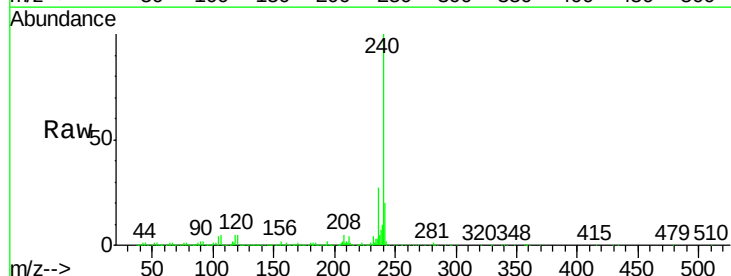
Tgt Ion:240 Resp: 967256

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

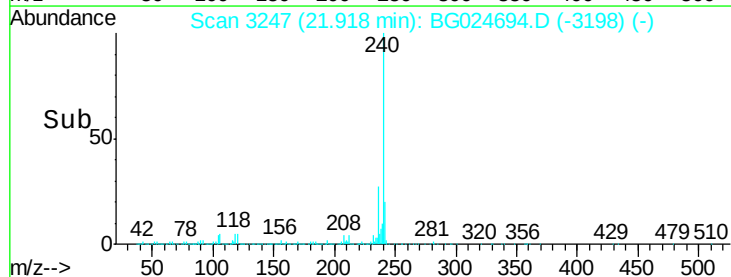
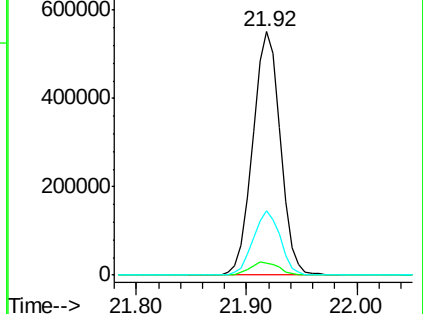
236 26.6 22.2 33.4

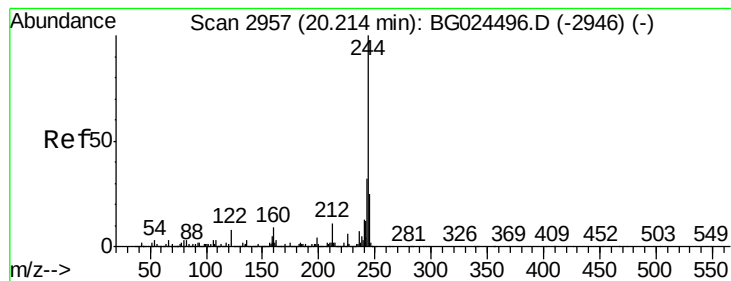


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.06 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.01 min

Lab File: BG024694.D

Acq: 5 Nov 2016 3:05

Instrument :

BNA_G

ClientSampleId :

S22-0012

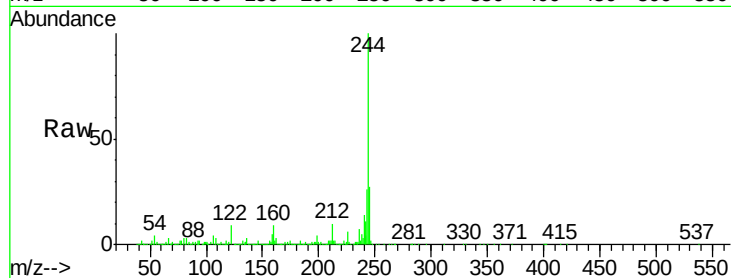
Tot Ion:244 Resp: 2979952

Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.0	15.0
122	9.5	8.6	12.8

244 100

212 10.4 10.0 15.0

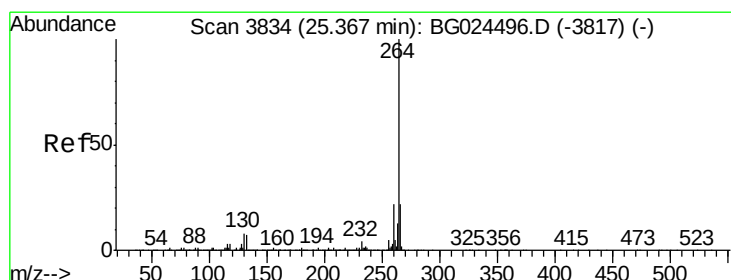
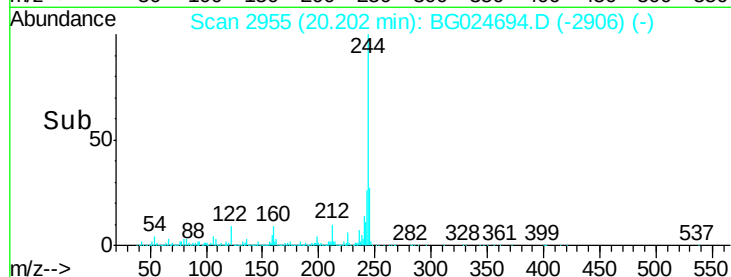
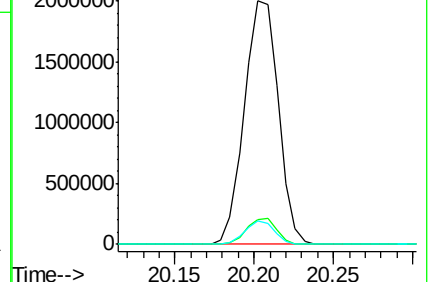
122 9.5 8.6 12.8



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: BG024694.D

Acq: 5 Nov 2016 3:05

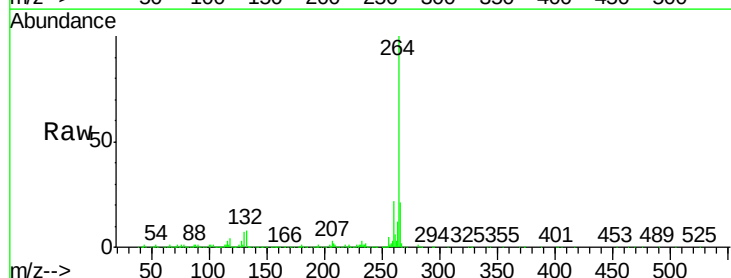
Tgt Ion:264 Resp: 992807

Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	21.5	18.2	27.4

264 100

260 21.8 21.8 32.8#

265 21.5 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

