

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024692.D
 Acq On : 5 Nov 2016 1:48
 Operator : UM/SJ
 Sample : H5531-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-EB-2016-2

Quant Time: Nov 05 03:39:39 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	96696	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	380107	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	286584	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	703076	20.00	ng	0.00
75) Chrysene-d12	21.92	240	1018808	20.00	ng	-0.01
86) Perylene-d12	25.34	264	1026307	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	318038	53.91	ng	0.00
7) Phenol-d6	7.40	99	281993	34.84	ng	0.00
23) Nitrobenzene-d5	9.44	82	793715	95.07	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	660485	154.27	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1649804	95.68	ng	0.00
78) Terphenyl-d14	20.21	244	3128780	91.77	ng	0.00

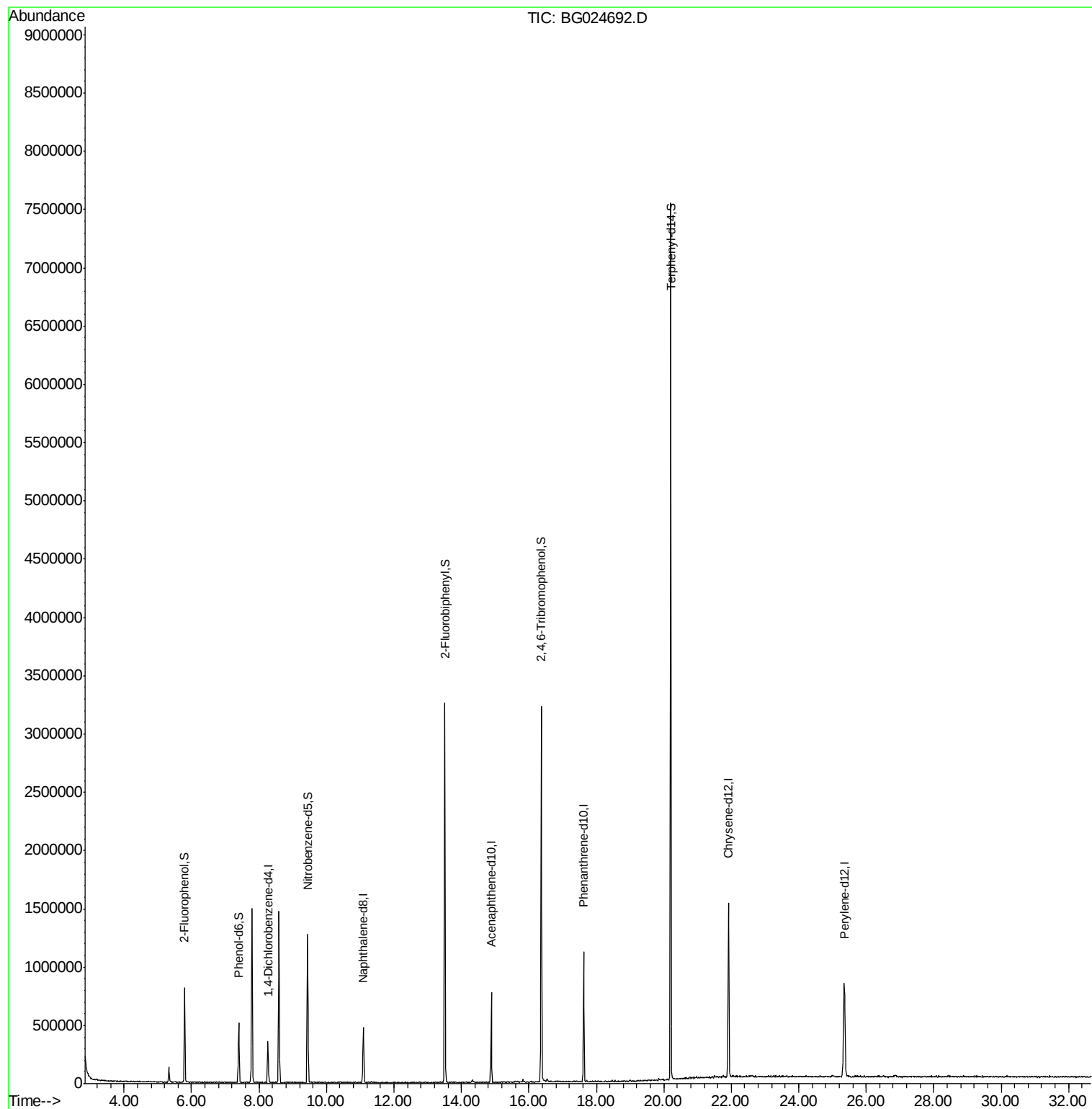
Target Compounds Qvalue

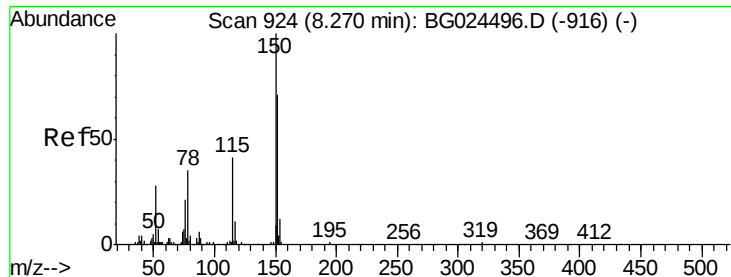
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG024692.D

Acq: 5 Nov 2016 1:48

Instrument :

BNA_G

ClientSampleId :

S22-EB-2016-2

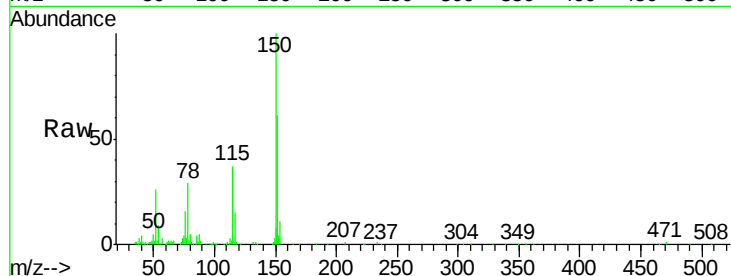
Tot Ion:152 Resp: 96696

Ion Ratio Lower Upper

152 100

150 165.3 114.0 171.0

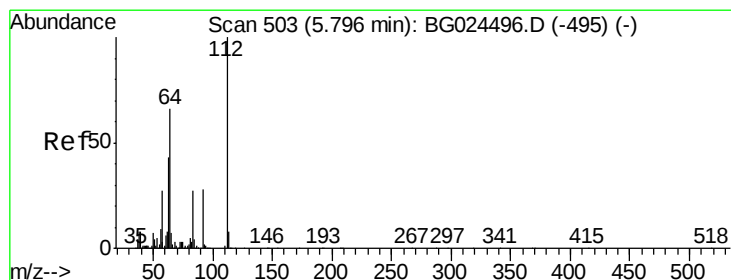
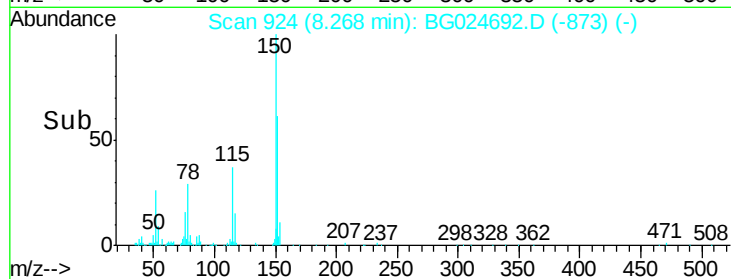
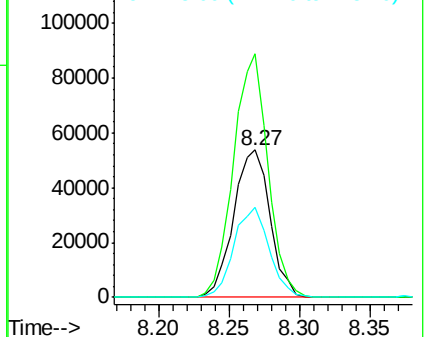
115 61.0 48.1 72.1



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: 53.91 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG024692.D

Acq: 5 Nov 2016 1:48

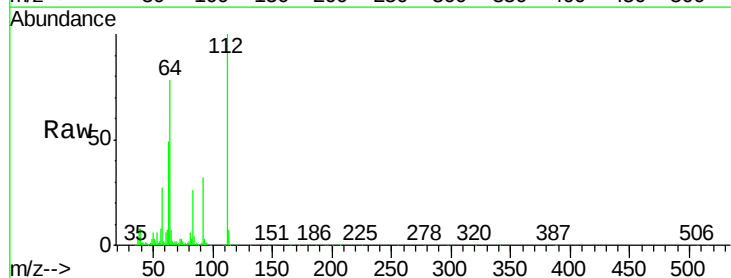
Tgt Ion:112 Resp: 318038

Ion Ratio Lower Upper

112 100

64 78.0 61.8 92.6

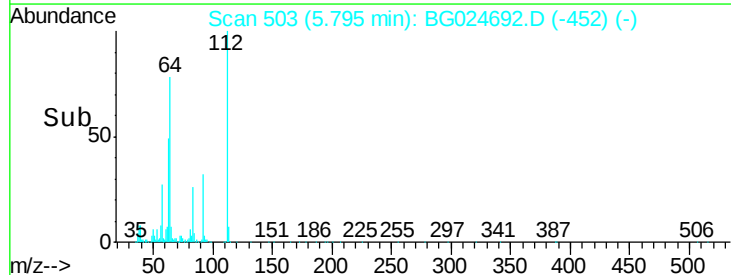
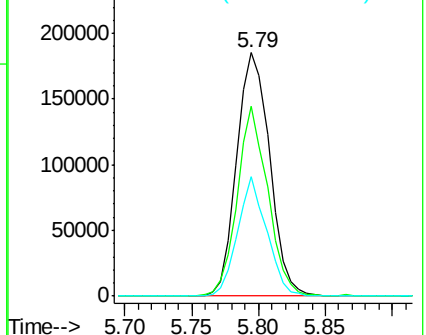
63 49.0 37.2 55.8

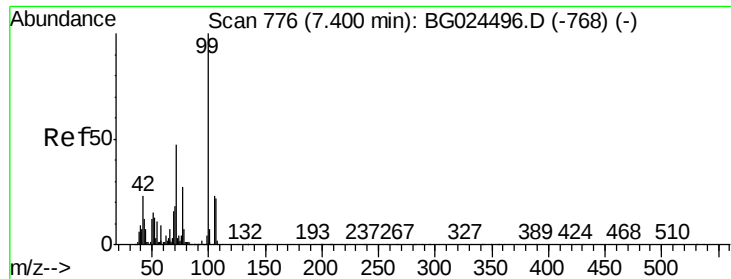


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 34.84 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.00 min

Lab File: BG024692.D

Acq: 5 Nov 2016 1:48

Instrument :

BNA_G

ClientSampleId :

S22-EB-2016-2

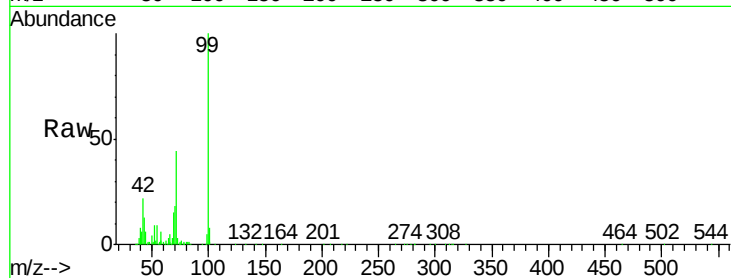
Tot Ion: 99 Resp: 281993

Ion Ratio Lower Upper

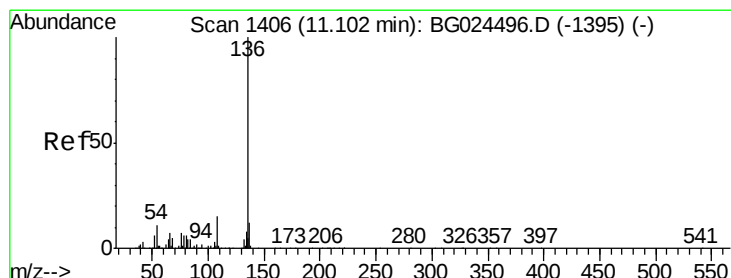
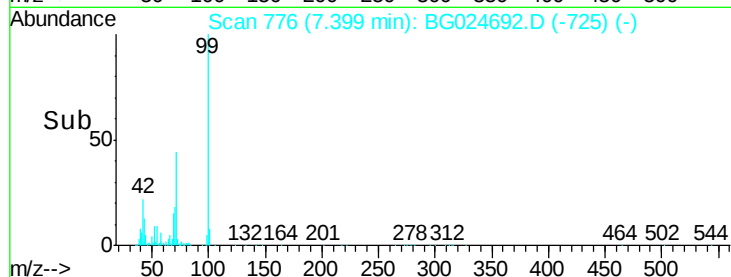
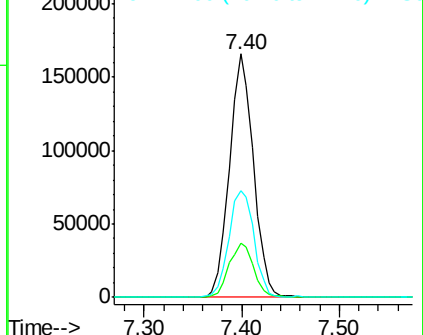
99 100

42 22.2 20.5 30.7

71 43.9 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# 1405

Delta R.T. -0.01 min

Lab File: BG024692.D

Acq: 5 Nov 2016 1:48

Tgt Ion: 136 Resp: 380107

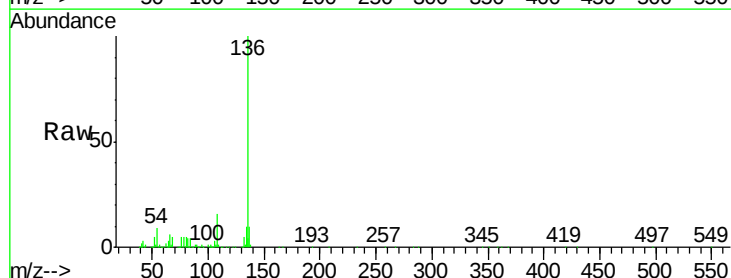
Ion Ratio Lower Upper

136 100

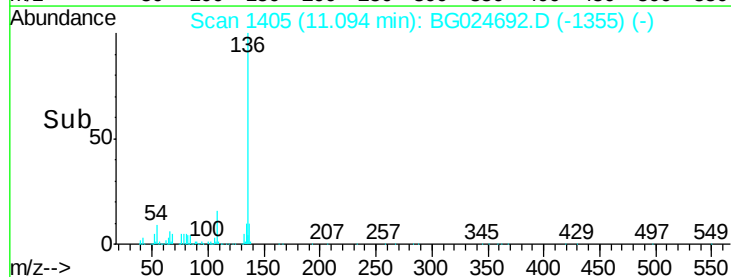
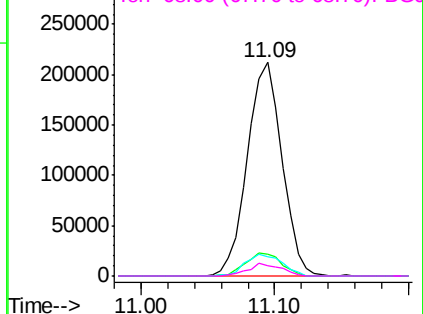
137 10.2 8.9 13.3

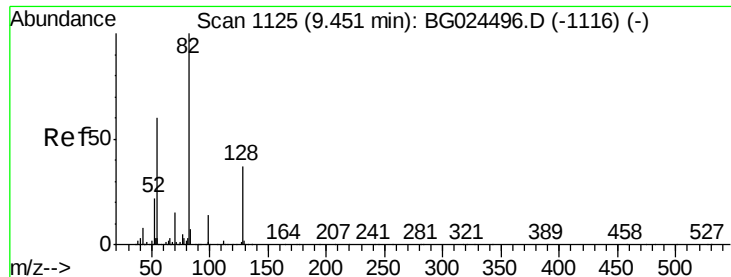
54 9.0 9.3 13.9#

68 5.0 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

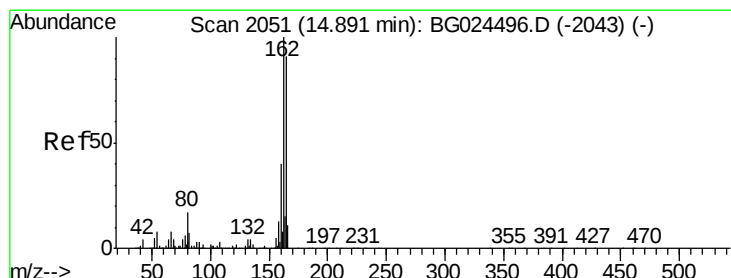
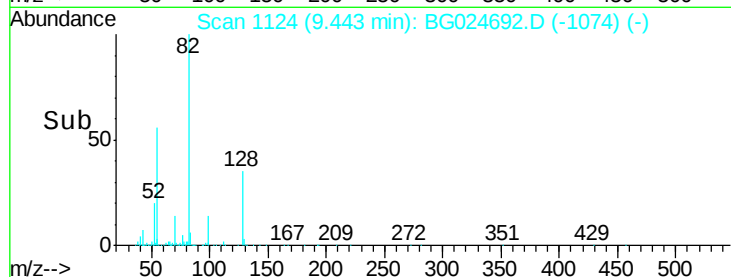
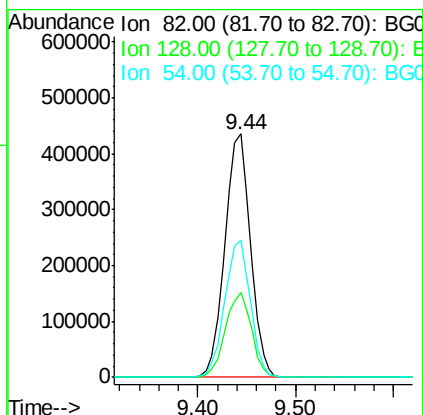
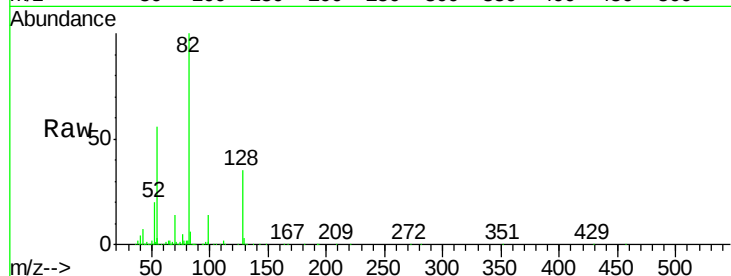




#23
 Nitrobenzene-d5
 Concen: 95.07 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024692.D
 Acq: 5 Nov 2016 1:48

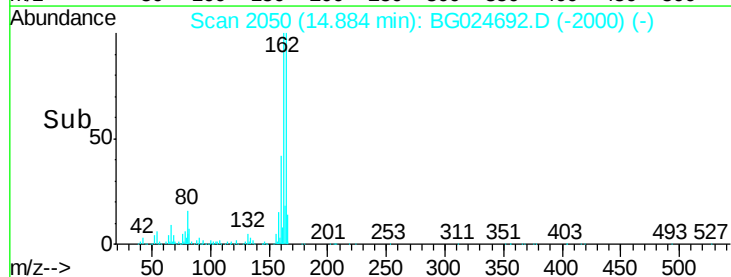
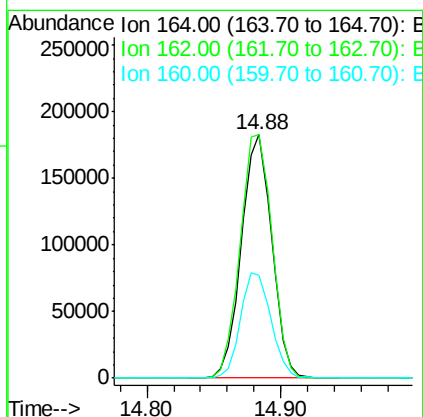
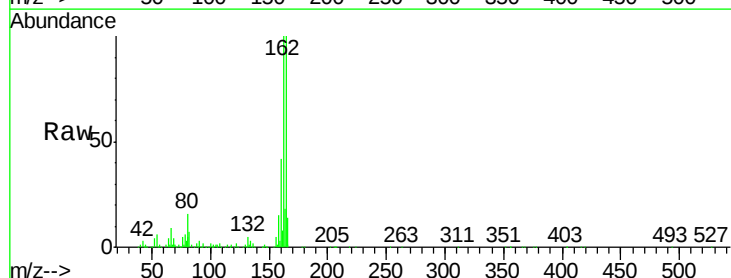
Instrument :
 BNA_G
 ClientSampleId :
 S22-EB-2016-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	26.4	39.6
54	56.4	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: BG024692.D
 Acq: 5 Nov 2016 1:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	85.1	127.7
160	42.1	34.7	52.1

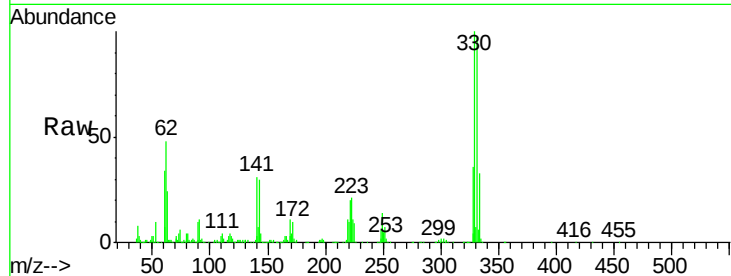




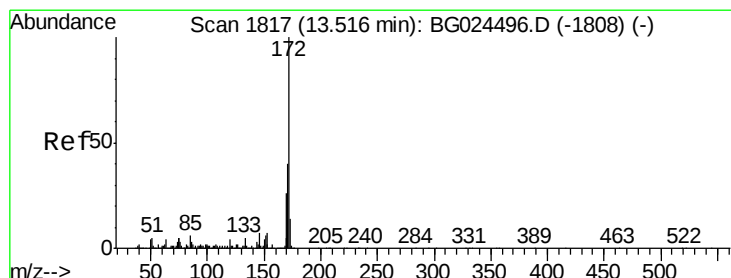
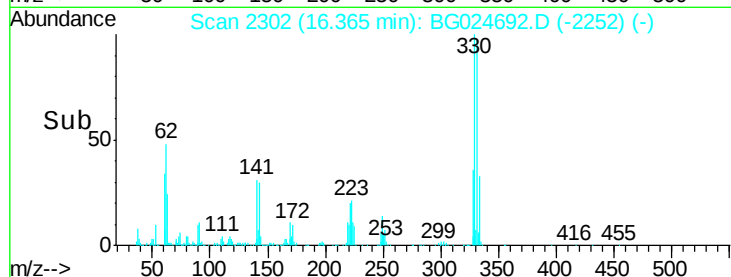
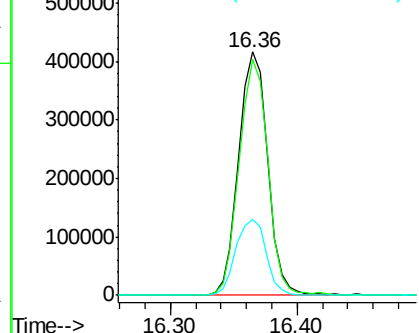
#41
2,4,6-Tribromophenol
Concen: 154.27 ng
RT: 16.36 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024692.D
Acq: 5 Nov 2016 1:48

Instrument :
BNA_G
ClientSampled :
S22-EB-2016-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	32.6	32.1	48.1

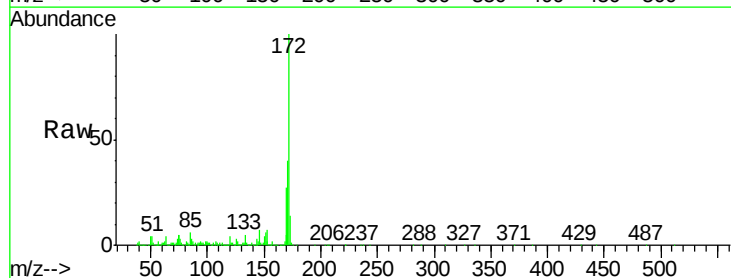


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

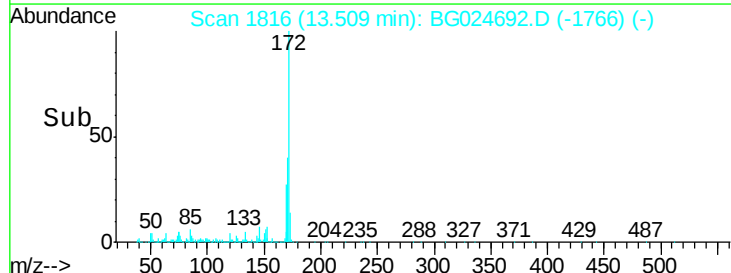
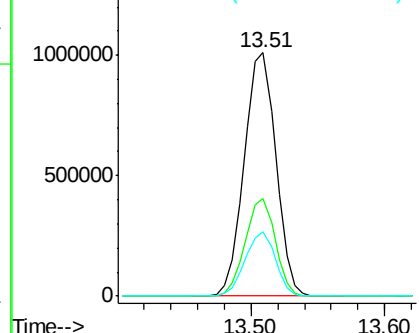


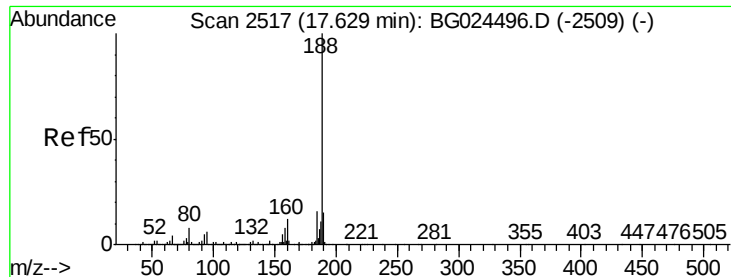
#44
2-Fluorobiphenyl
Concen: 95.68 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024692.D
Acq: 5 Nov 2016 1:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.1	32.2	48.2
170	26.7	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

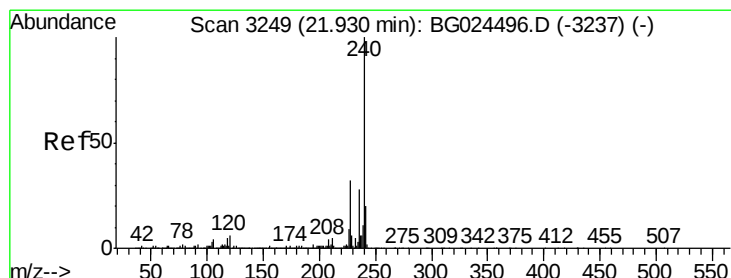
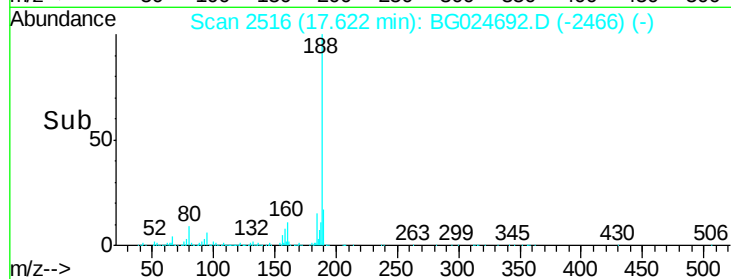
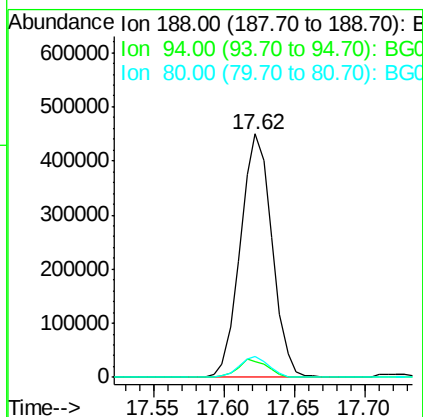
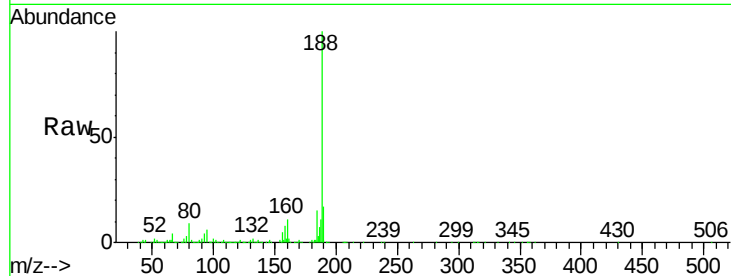




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024692.D
Acq: 5 Nov 2016 1:48

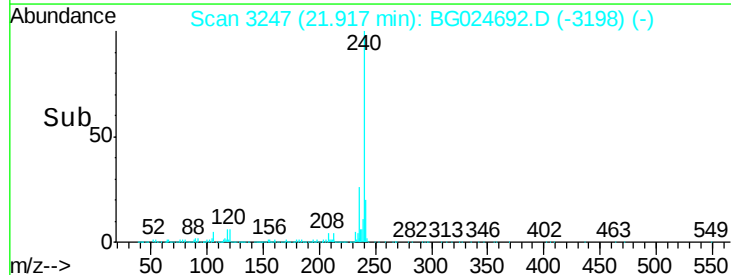
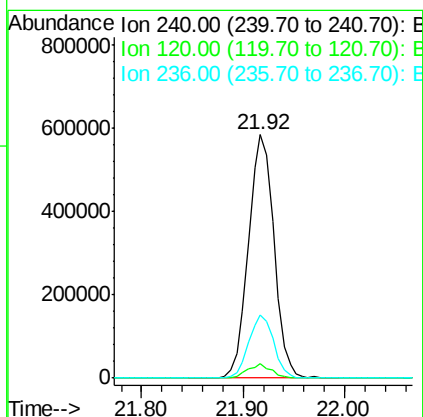
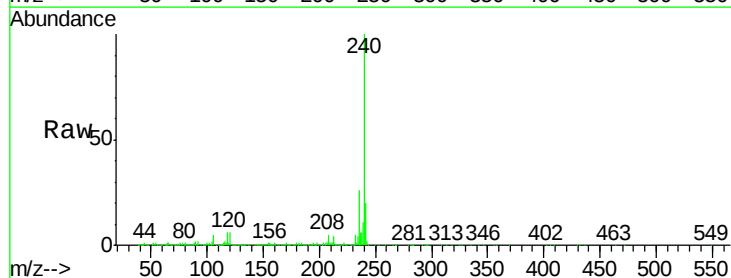
Instrument :
BNA_G
ClientSampleId :
S22-EB-2016-2

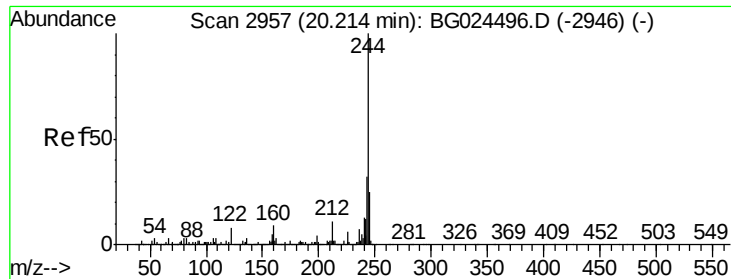
Tot Ion:188 Resp: 703076
Ion Ratio Lower Upper
188 100
94 6.2 5.8 8.8
80 8.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024692.D
Acq: 5 Nov 2016 1:48

Tgt Ion:240 Resp: 1018808
Ion Ratio Lower Upper
240 100
120 6.1 5.7 8.5
236 25.7 22.2 33.4





#78

Terphenyl-d14

Concen: 91.77 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024692.D

Acq: 5 Nov 2016 1:48

Instrument :

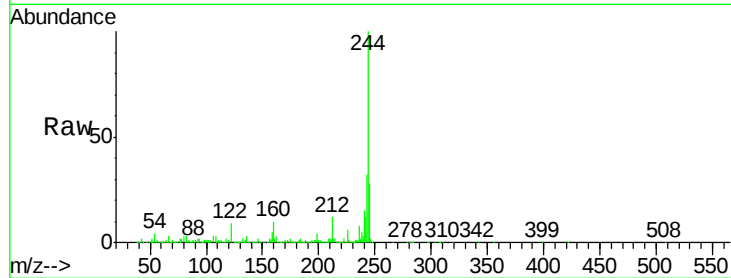
BNA_G

ClientSampleId :

S22-EB-2016-2

Tot Ion:244 Resp: 3128780

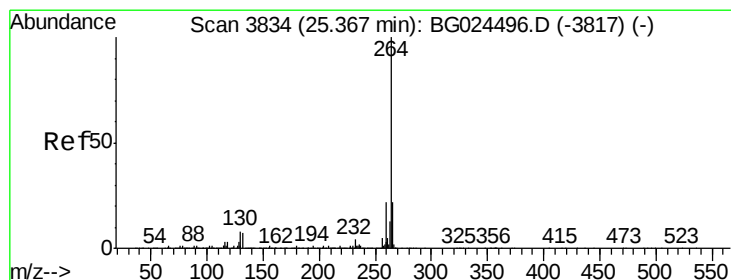
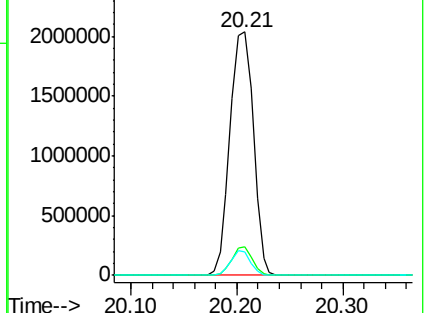
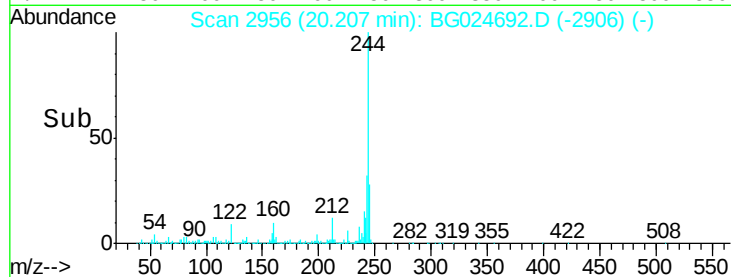
Ion	Ratio	Lower	Upper
244	100		
212	12.0	10.0	15.0
122	9.5	8.6	12.8



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

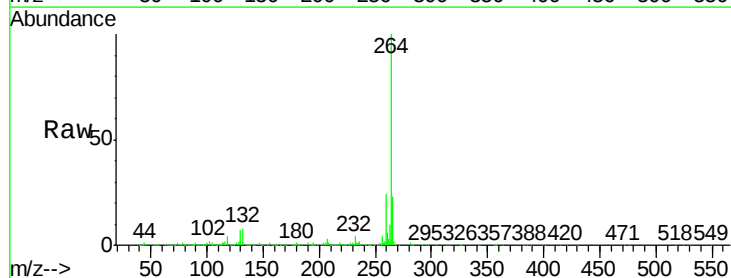
Delta R.T. -0.02 min

Lab File: BG024692.D

Acq: 5 Nov 2016 1:48

Tgt Ion:264 Resp: 1026307

Ion	Ratio	Lower	Upper
264	100		
260	23.8	21.8	32.8
265	22.7	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

