

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011117\
 Data File : BG025474.D
 Acq On : 11 Jan 2017 15:21
 Operator : UM/SJ
 Sample : PB95912TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95912TB

Quant Time: Jan 11 16:00:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	55096	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	214613	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	177333	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	417121	20.00	ng	0.00
75) Chrysene-d12	21.87	240	632652	20.00	ng	0.00
86) Perylene-d12	25.26	264	662195	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	455352	150.23	ng	0.00
7) Phenol-d6	7.36	99	617885	144.74	ng	0.00
23) Nitrobenzene-d5	9.39	82	452976	93.24	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	391327	137.07	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	976853	89.18	ng	0.00
78) Terphenyl-d14	20.15	244	2040257	85.51	ng	0.00

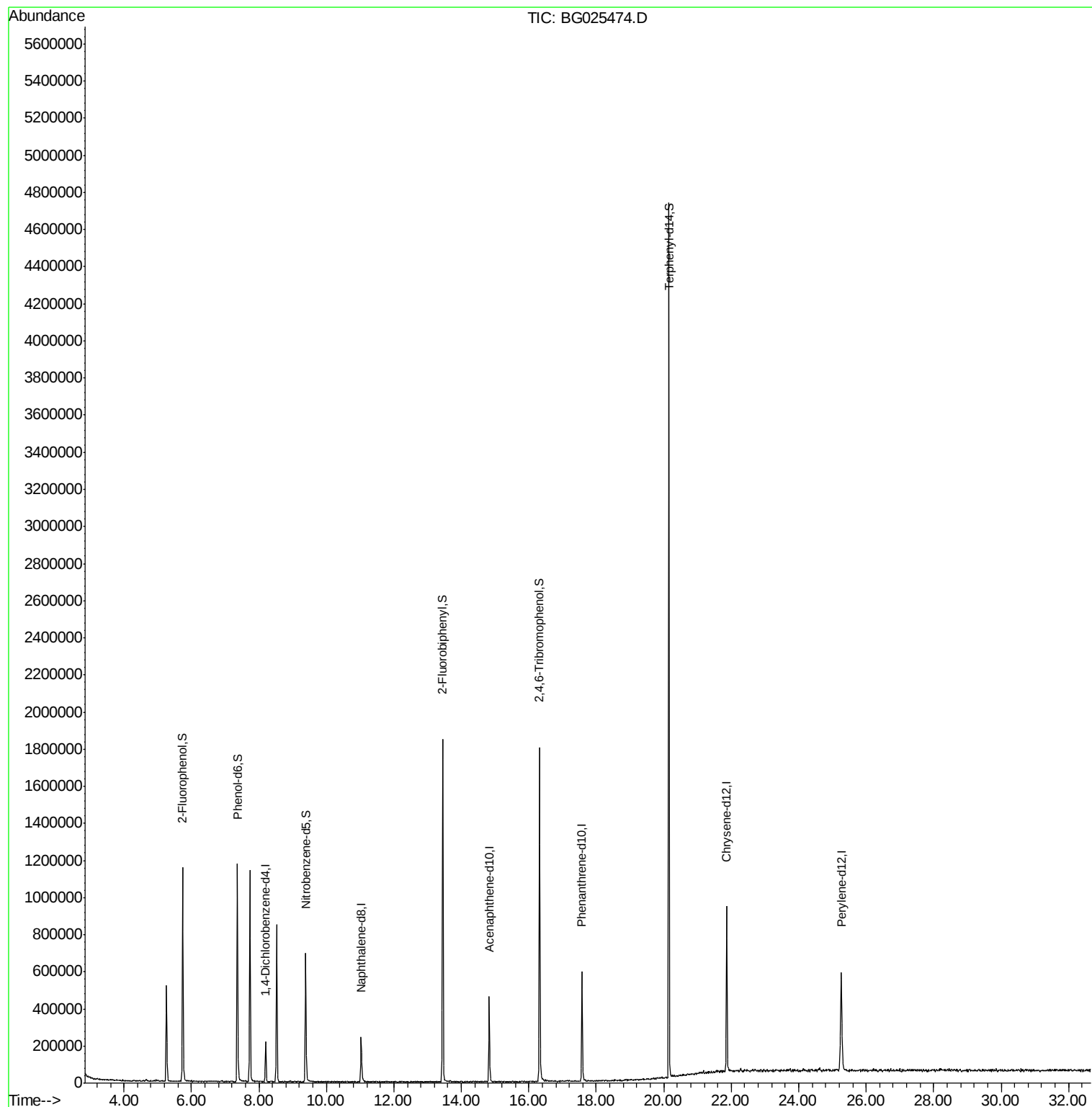
Target Compounds Qvalue

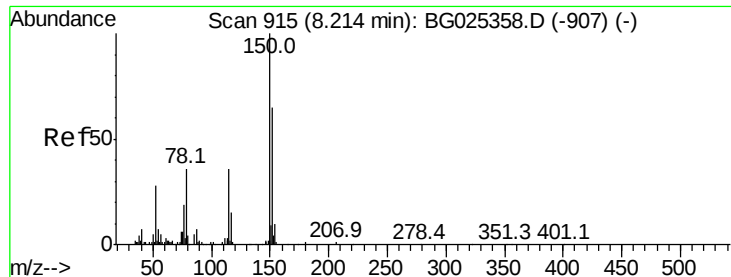
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 913

Delta R.T. 0.01 min

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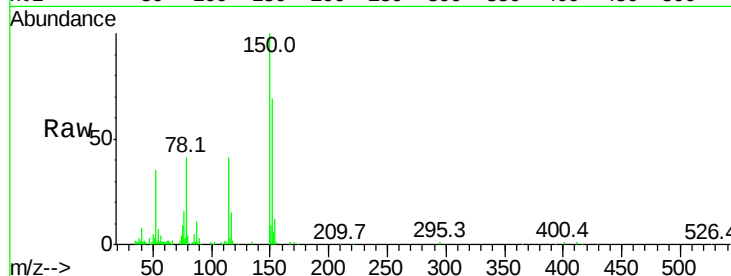
Tot Ion:152 Resp: 55096

Ion Ratio Lower Upper

152 100

150 144.7 114.0 171.0

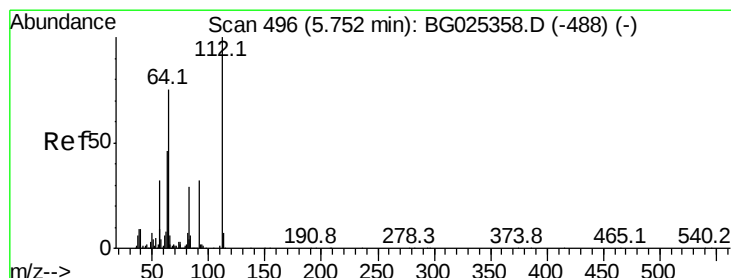
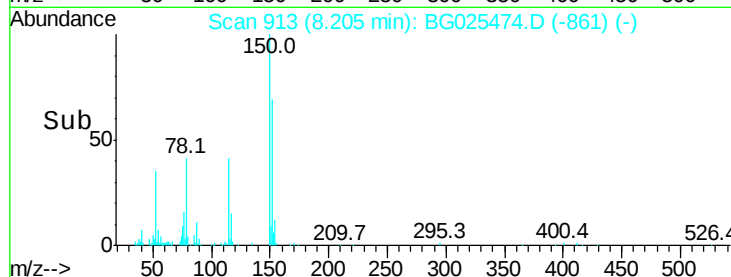
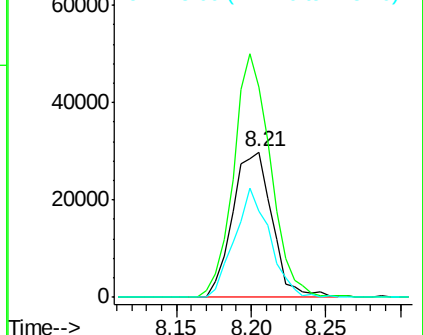
115 59.2 48.1 72.1



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: 150.23 ng

RT: 5.74 min Scan# 493

Delta R.T. 0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

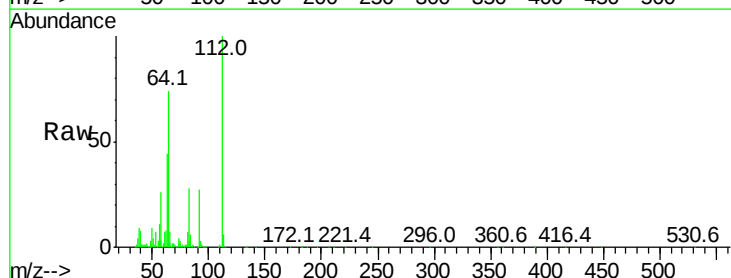
Tgt Ion:112 Resp: 455352

Ion Ratio Lower Upper

112 100

64 73.9 61.8 92.6

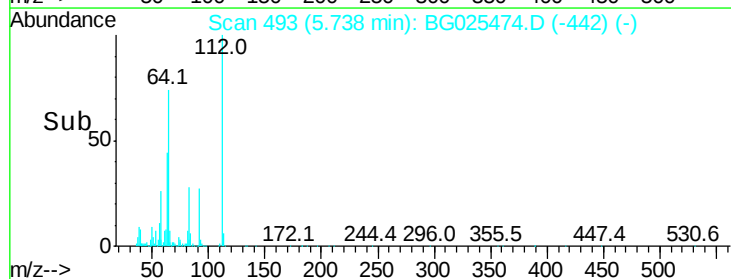
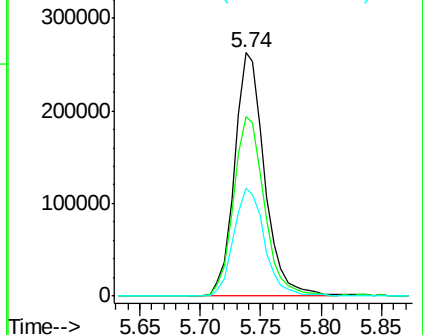
63 44.3 37.2 55.8

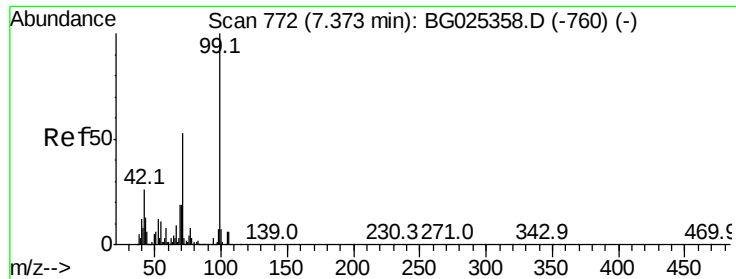


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 144.74 ng

RT: 7.36 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

Instrument :

BNA_G

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PB95912TB

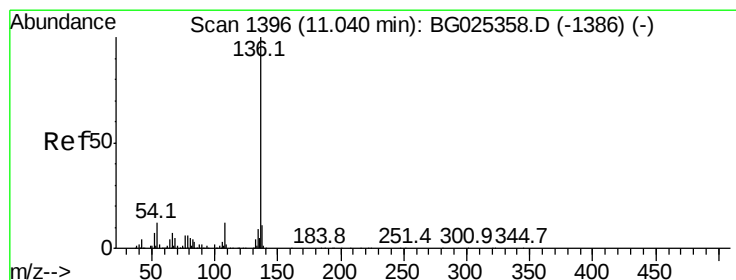
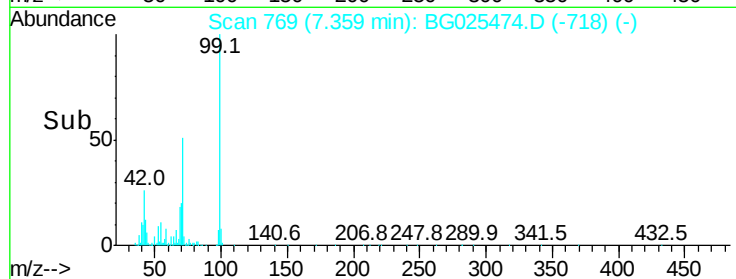
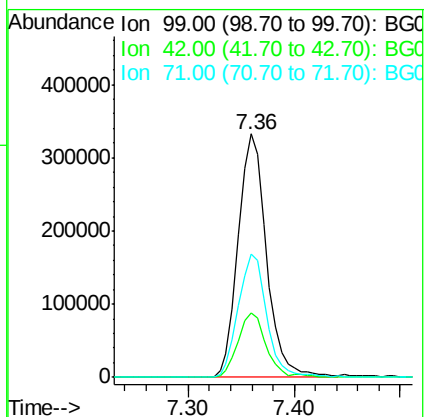
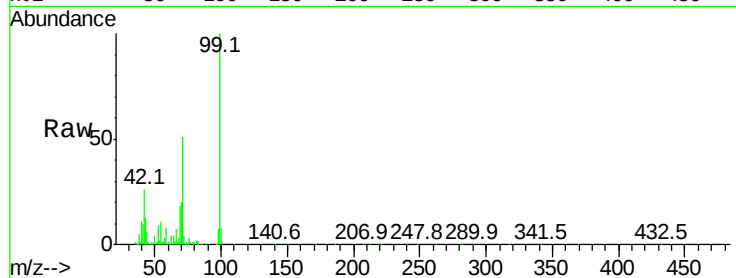
Tot Ion: 99 Resp: 617885

Ion Ratio Lower Upper

99 100

42 26.2 20.5 30.7

71 50.5 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

Tgt Ion: 136 Resp: 214613

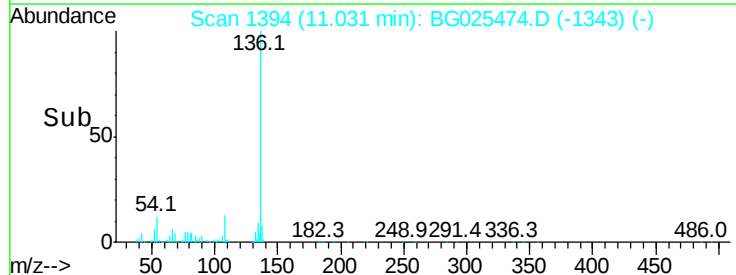
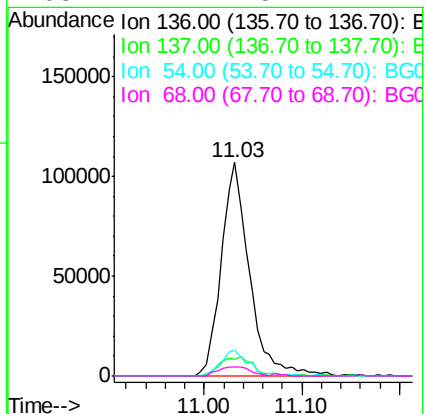
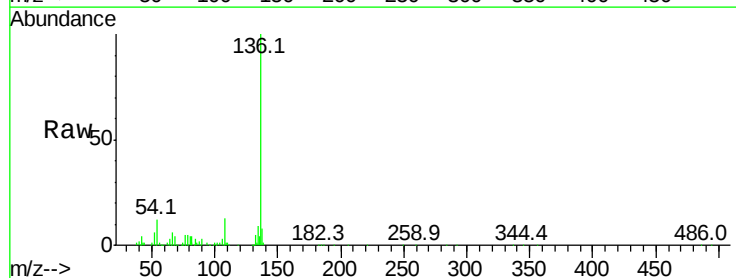
Ion Ratio Lower Upper

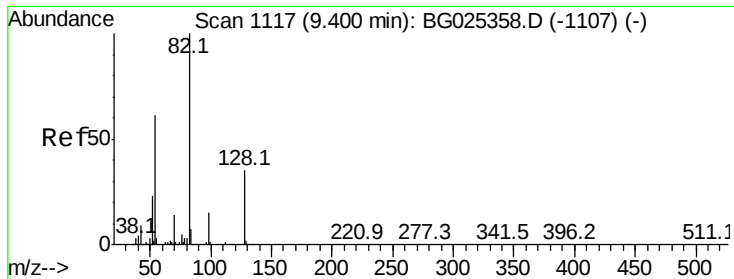
136 100

137 7.8 8.9 13.3#

54 11.7 9.3 13.9

68 4.2 5.1 7.7#

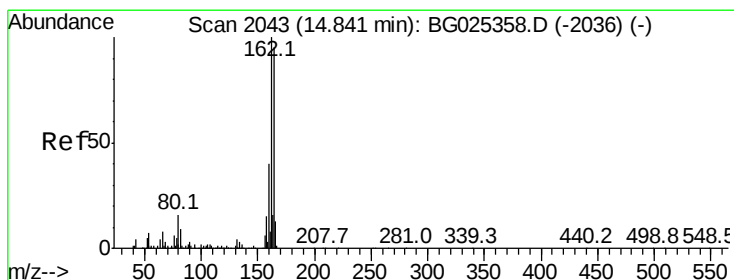
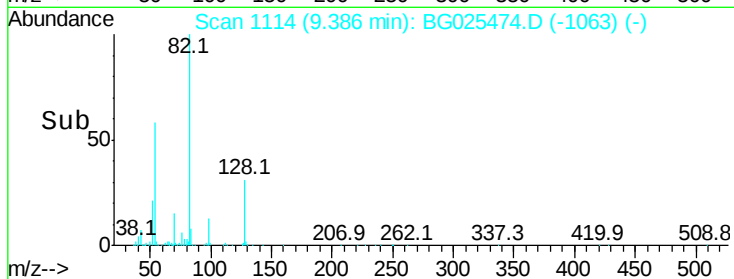
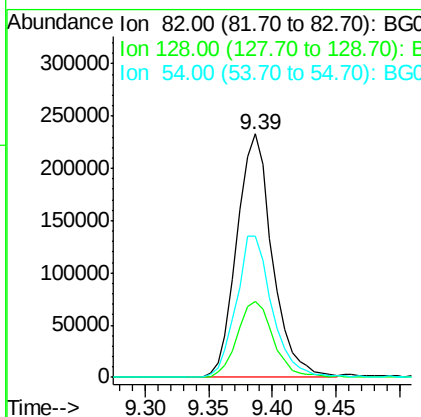
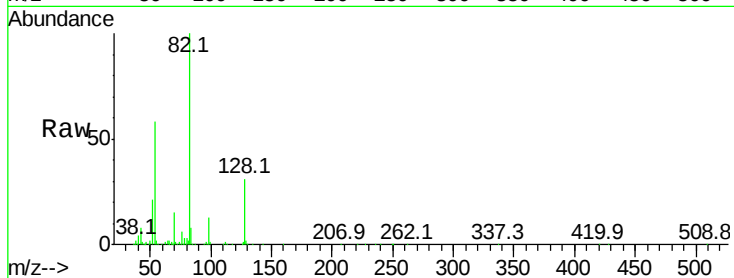




#23
 Nitrobenzene-d5
 Concen: 93.24 ng
 RT: 9.39 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BG025474.D
 Acq: 11 Jan 2017 15:21

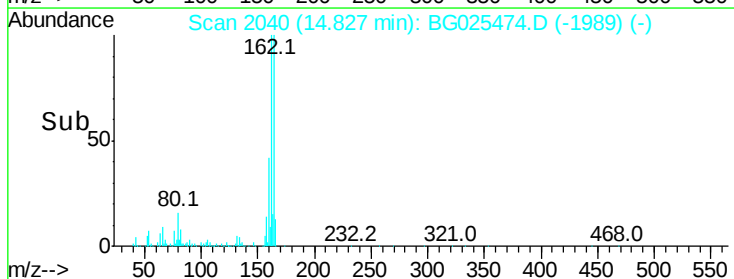
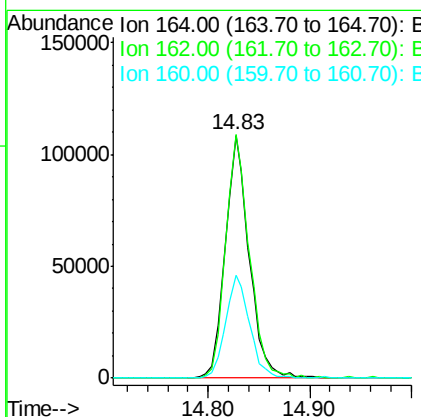
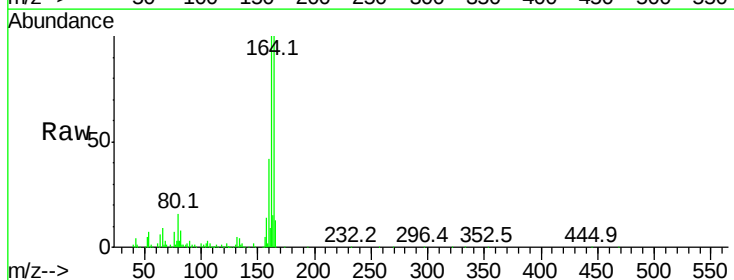
Instrument :
 BNA_G
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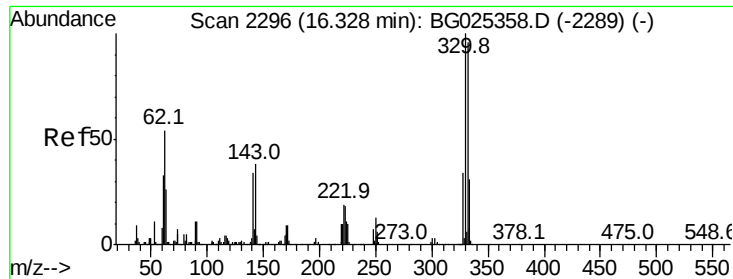
Tot Ion	82	Resp	452976
Ion	Ratio	Lower	Upper
82	100		
128	31.3	26.4	39.6
54	58.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BG025474.D
 Acq: 11 Jan 2017 15:21

Tgt Ion	164	Resp	177333
Ion	Ratio	Lower	Upper
164	100		
162	100.4	85.1	127.7
160	42.2	34.7	52.1

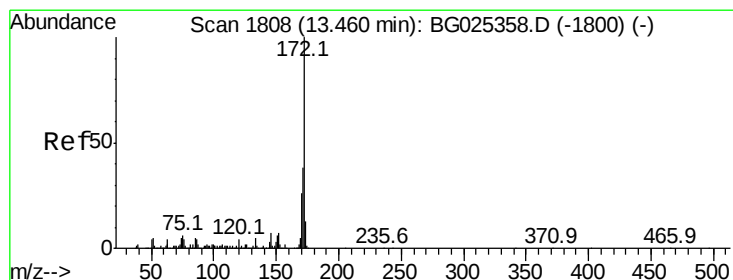
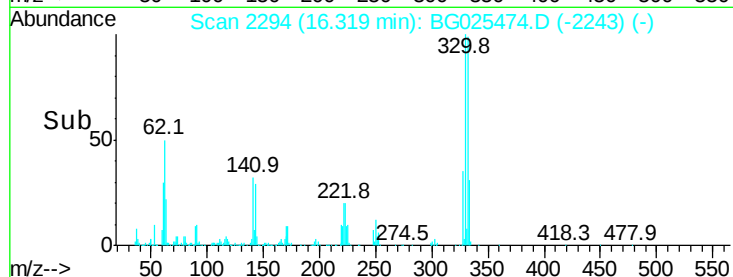
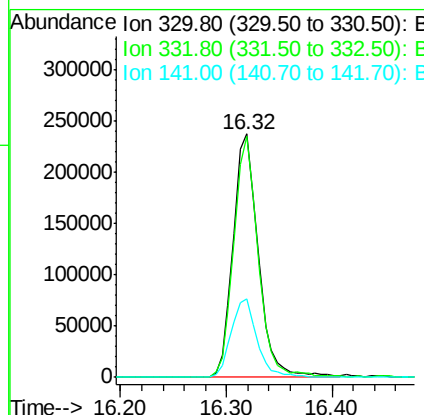
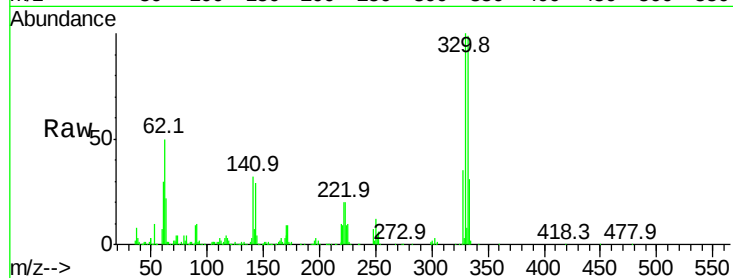




#41
 2,4,6-Tribromophenol
 Concen: 137.07 ng
 RT: 16.32 min Scan# 2294
 Delta R.T. 0.00 min
 Lab File: BG025474.D
 Acq: 11 Jan 2017 15:21

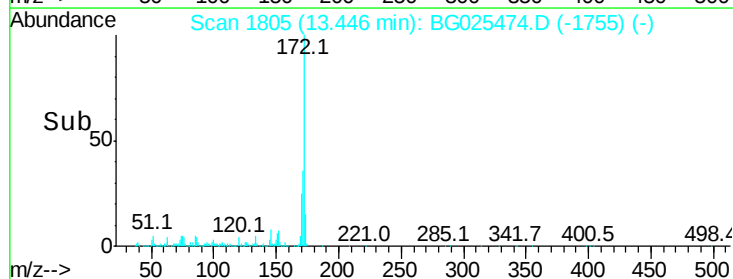
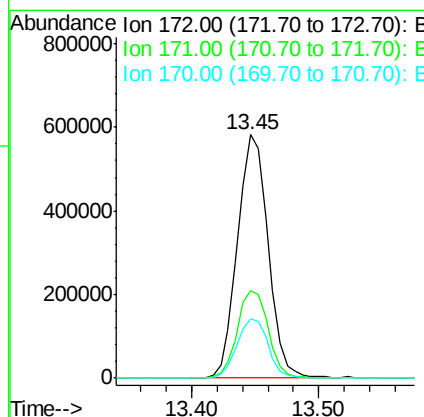
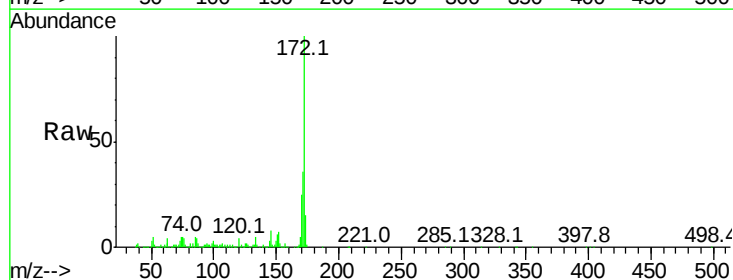
Instrument :
 BNA_G
 ClientSampleId :
 PB95912TB

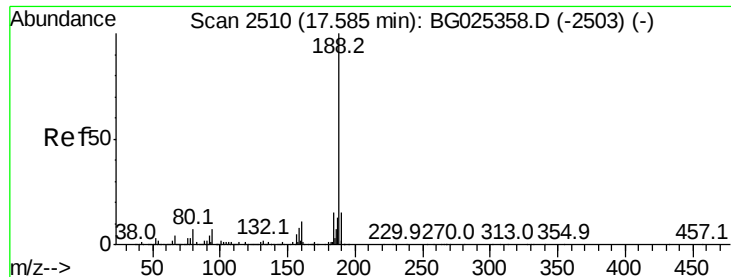
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 89.18 ng
 RT: 13.45 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: BG025474.D
 Acq: 11 Jan 2017 15:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	32.2	48.2
170	24.6	21.8	32.6

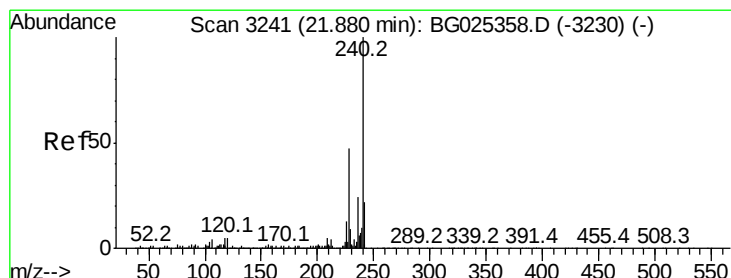
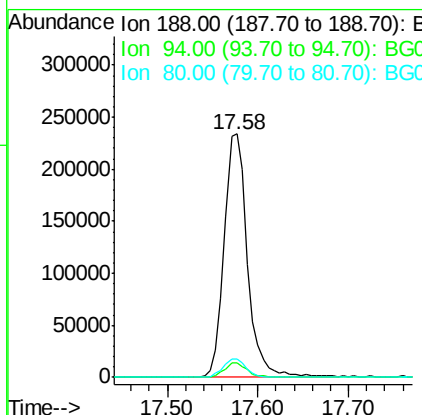
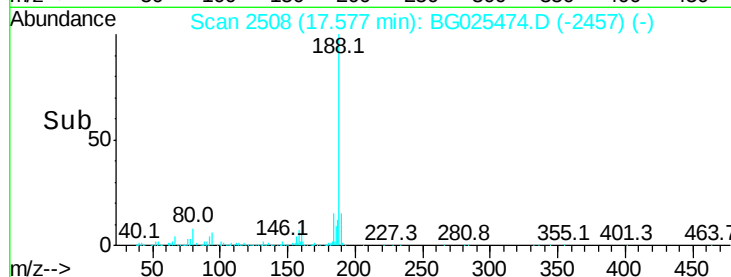
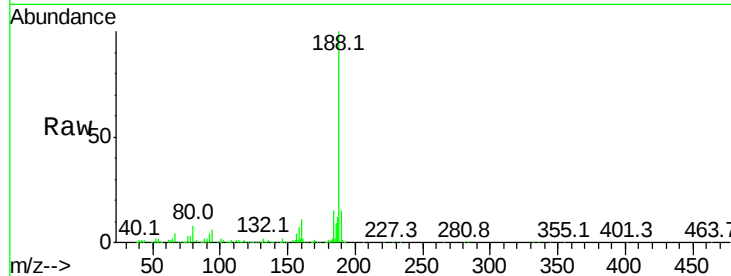




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG025474.D
Acq: 11 Jan 2017 15:21

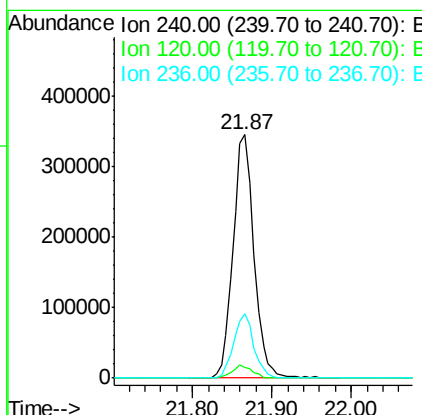
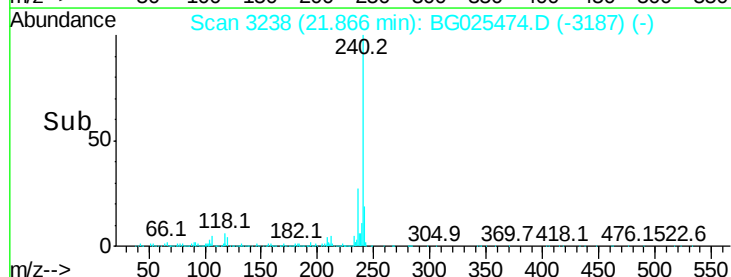
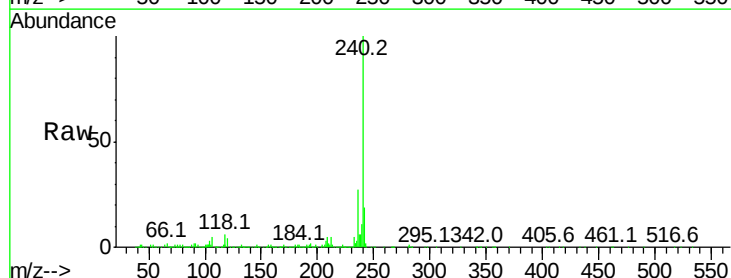
Instrument :
BNA_G
ClientSampleId :
PB95912TB

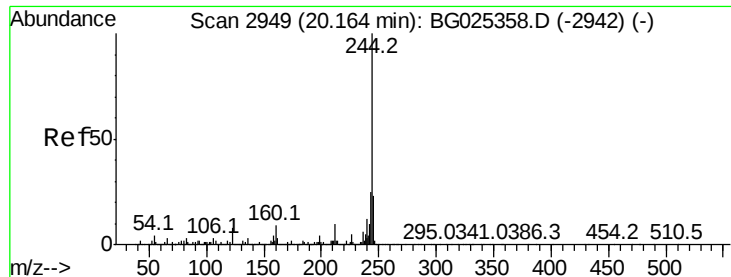
Tot Ion:188 Resp: 417121
Ion Ratio Lower Upper
188 100
94 6.1 5.8 8.8
80 7.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG025474.D
Acq: 11 Jan 2017 15:21

Tgt Ion:240 Resp: 632652
Ion Ratio Lower Upper
240 100
120 4.4 5.7 8.5#
236 26.7 22.2 33.4





#78

Terphenyl-d14

Concen: 85.51 ng

RT: 20.15 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

Instrument :

BNA_G

ClientSampleId :

PB95912TB

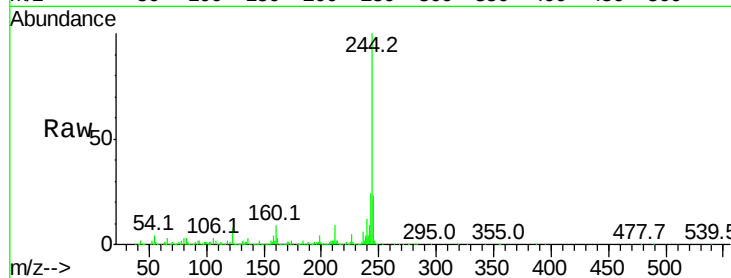
Tot Ion:244 Resp: 2040257

Ion Ratio Lower Upper

244 100

212 8.7 10.0 15.0#

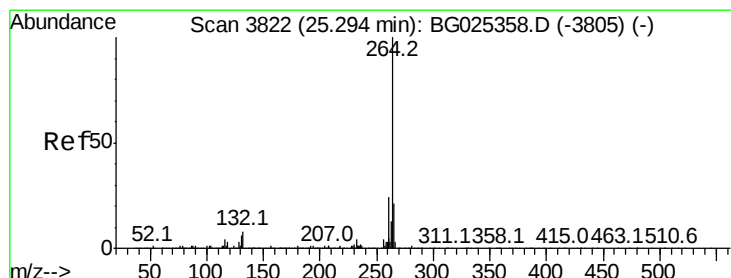
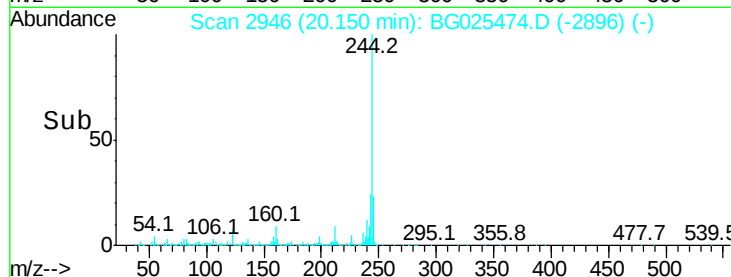
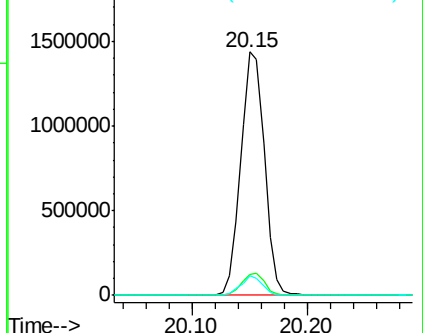
122 8.3 8.6 12.8#



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: 25.26 min Scan# 3816

Delta R.T. -0.00 min

Lab File: BG025474.D

Acq: 11 Jan 2017 15:21

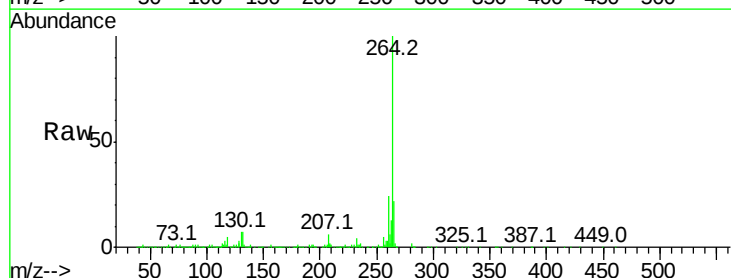
Tgt Ion:264 Resp: 662195

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 22.3 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

