

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033724.D
 Acq On : 10 Apr 2018 21:47
 Operator : SJ/JU
 Sample : J2301-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 03:18:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

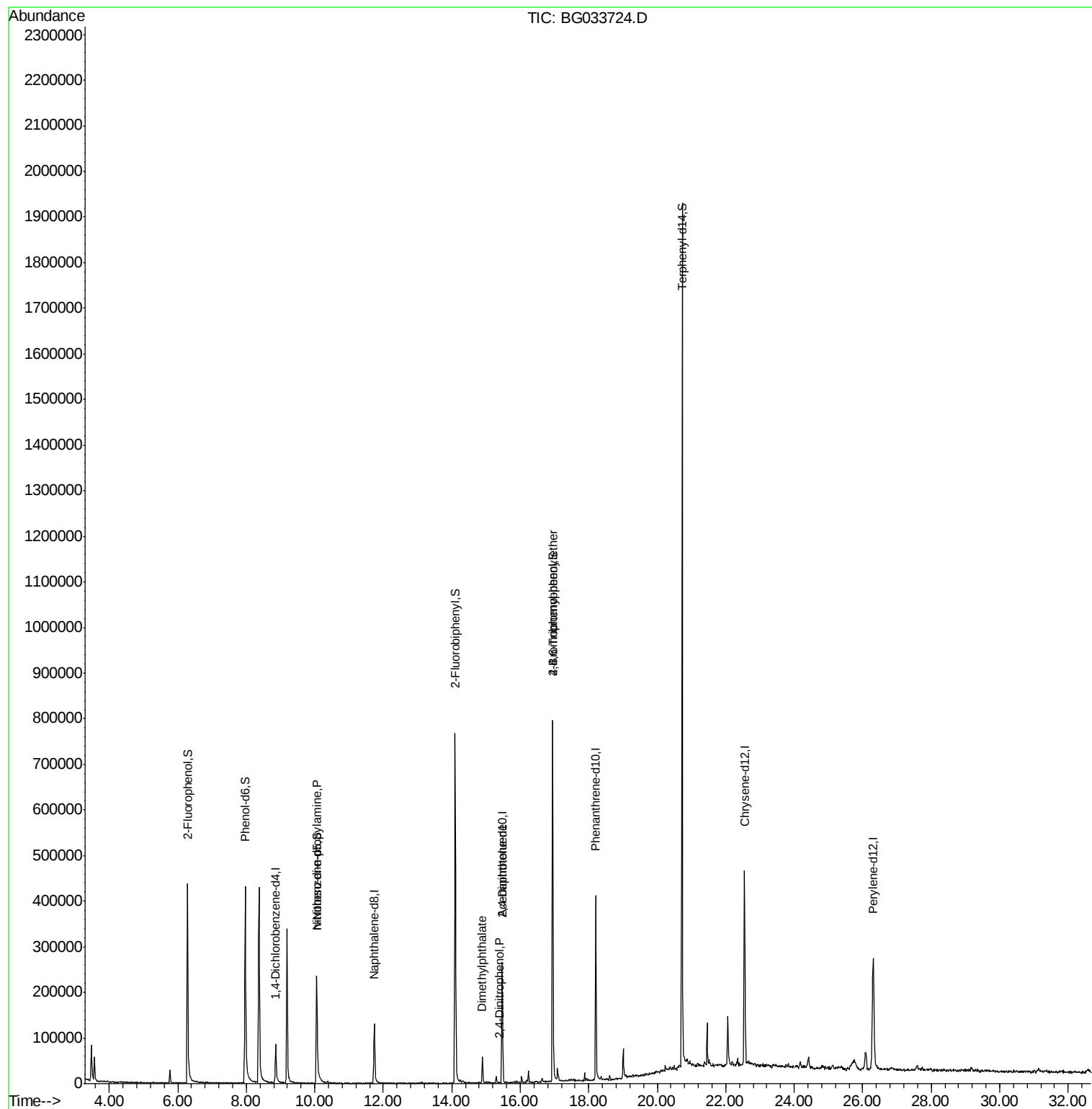
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	32325	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	135820	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	100183	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	289615	20.00	ng	0.00
75) Chrysene-d12	22.55	240	314538	20.00	ng	0.00
86) Perylene-d12	26.31	264	339006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	207634	120.45	ng	0.00
7) Phenol-d6	7.96	99	316260	106.77	ng	0.00
23) Nitrobenzene-d5	10.06	82	196367	66.43	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	159908	106.72	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	438289	63.16	ng	0.00
78) Terphenyl-d14	20.73	244	974413	66.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	27198	12.531	ng	Qvalue # 74
49) Dimethylphthalate	14.89	163	40785	4.678	ng	99
53) 2,4-Dinitrophenol	15.39	184	56	7.698	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	12426	4.734	ng	# 16
66) 4-Bromophenyl-phenylether	16.94	248	13014	3.826	ng	# 1

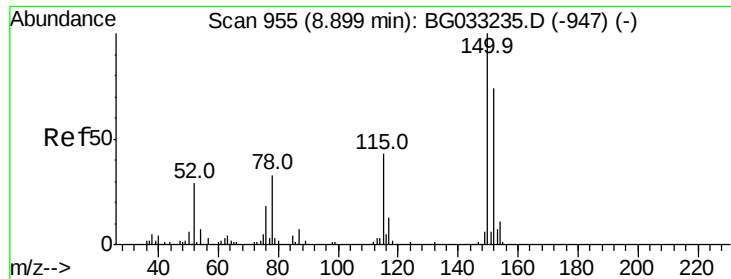
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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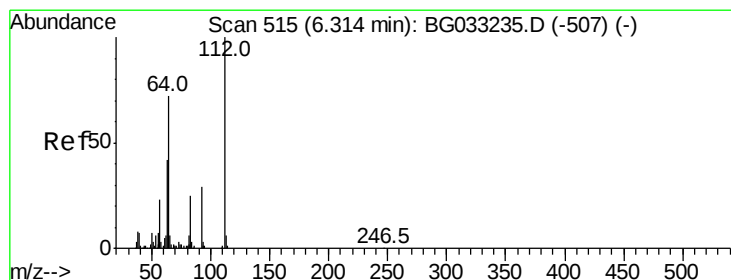
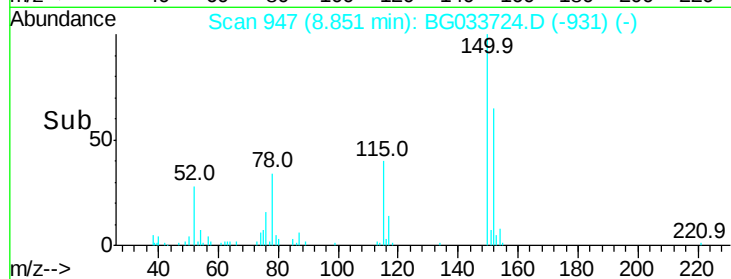
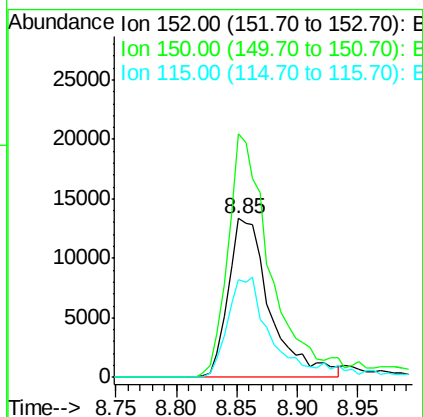
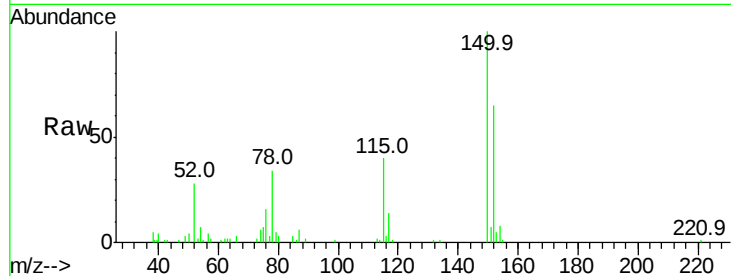


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG033724.D
Acq: 10 Apr 2018 21:47

Instrument :
BNA_G
ClientSampled :

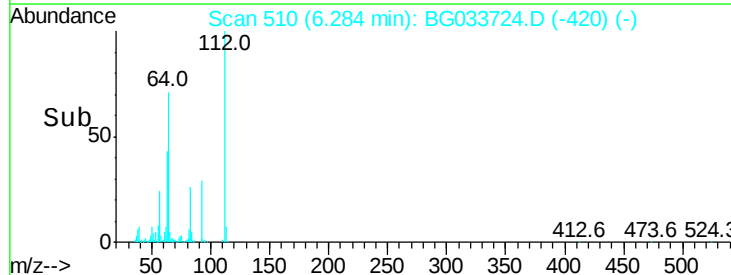
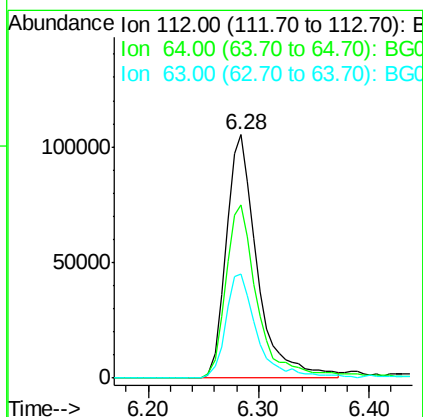
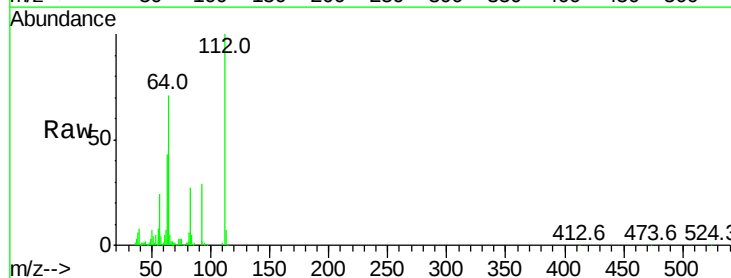
Tot Ion:152 Resp: 32325
Ion Ratio Lower Upper
152 100
150 153.6 126.6 189.8
115 61.7 53.0 79.4

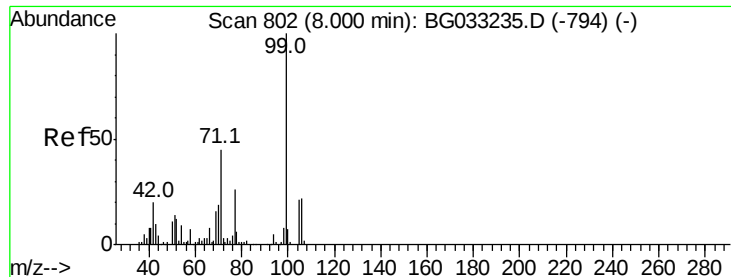


#5

2-Fluorophenol
Concen: 120.445 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033724.D
Acq: 10 Apr 2018 21:47

Tgt Ion:112 Resp: 207634
Ion Ratio Lower Upper
112 100
64 70.9 56.3 84.5
63 42.7 30.1 45.1





#7

Phenol-d6

Concen: 106.773 ng

RT: 7.96 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

Instrument :

BNA_G

ClientSampleId :

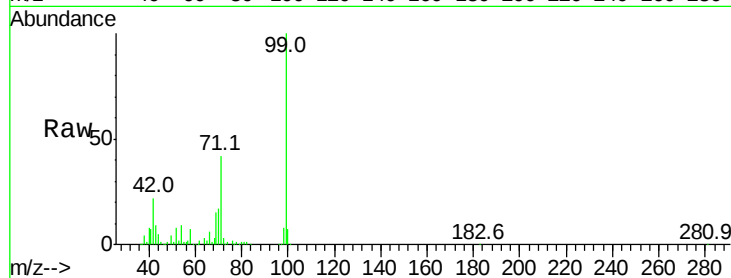
Tot Ion: 99 Resp: 316260

Ion Ratio Lower Upper

99 100

42 22.0 14.1 21.1#

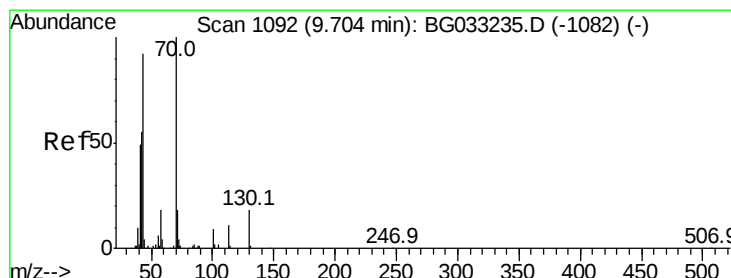
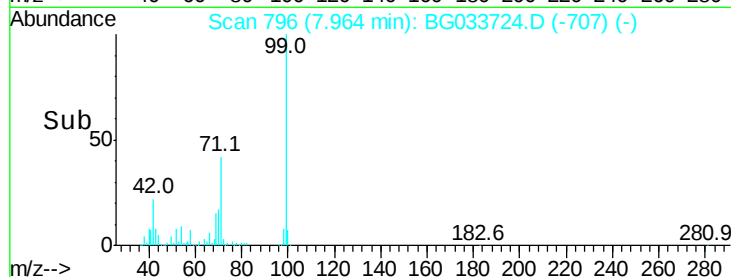
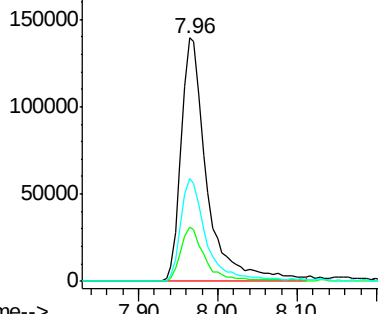
71 42.2 26.1 39.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.531 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.39 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

Tgt Ion: 70 Resp: 27198

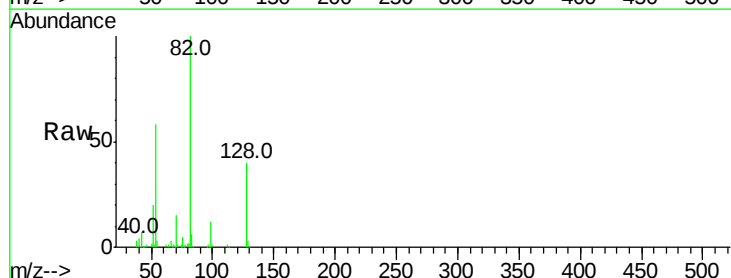
Ion Ratio Lower Upper

70 100

42 43.8 49.1 73.7#

101 0.0 8.5 12.7#

130 1.6 13.4 20.0#

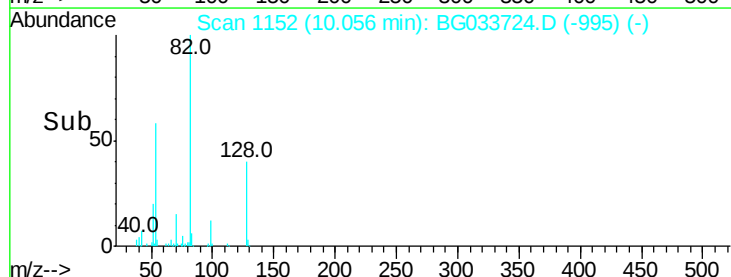
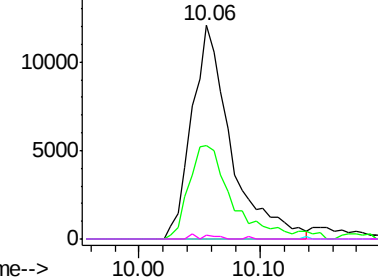


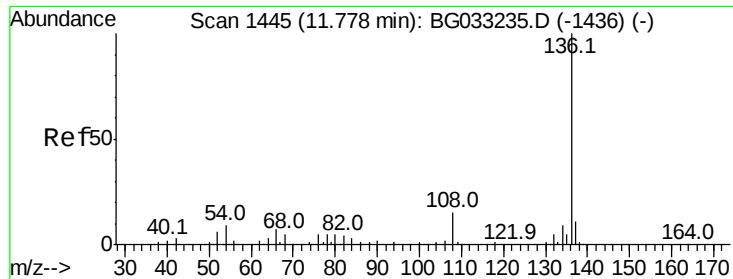
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

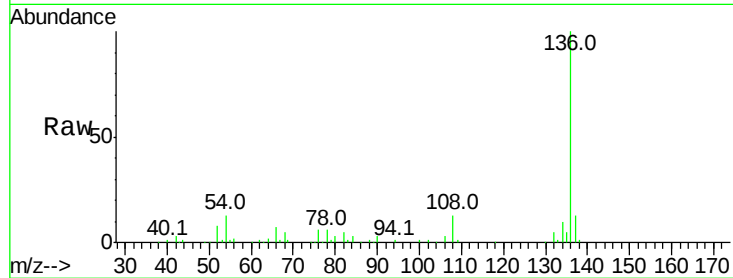
Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 135820

Ion	Ratio	Lower	Upper
136	100		
137	13.2	9.2	13.8
54	12.8	10.3	15.5
68	5.6	4.5	6.7

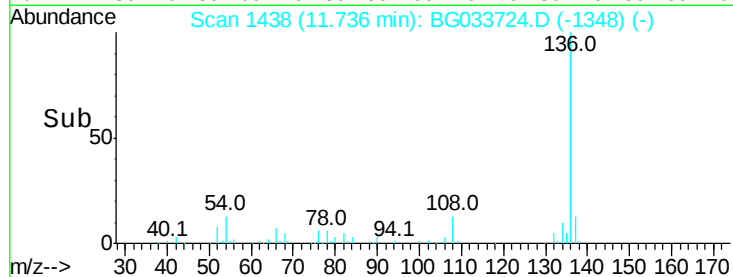


Abundance Ion 136.00 (135.70 to 136.70): B

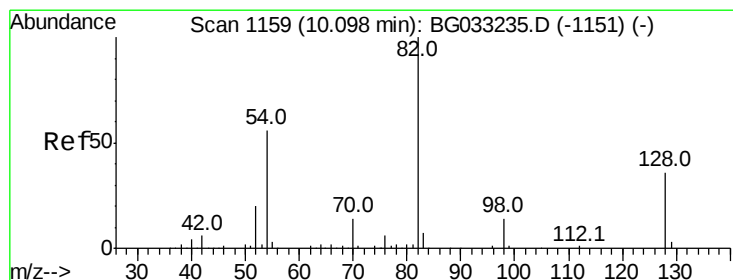
Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



Time--> 11.60 11.70 11.80 11.90



#23

Nitrobenzene-d5

Concen: 66.425 ng

RT: 10.06 min Scan# 1152

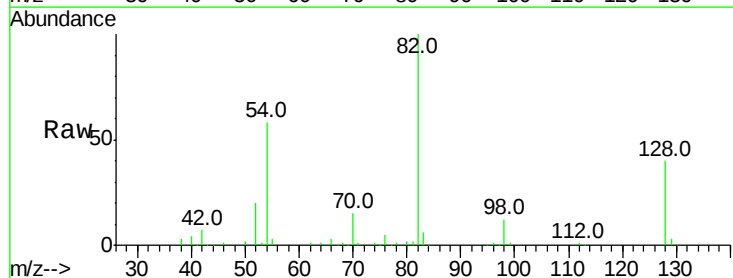
Delta R.T. -0.00 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

Tgt Ion: 82 Resp: 196367

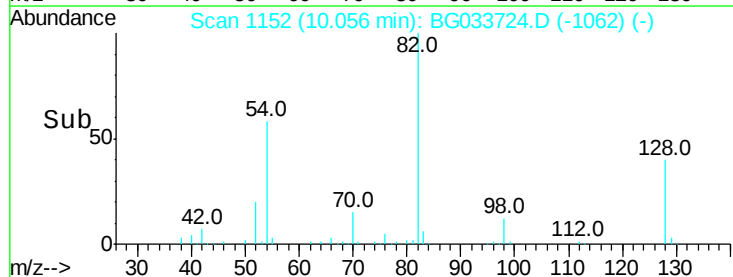
Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.7	44.5
54	57.9	43.1	64.7



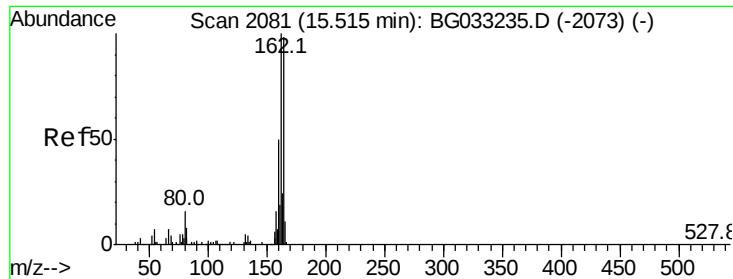
Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B



Time--> 10.00 10.10 10.20



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

Instrument :

BNA_G

ClientSampleId :

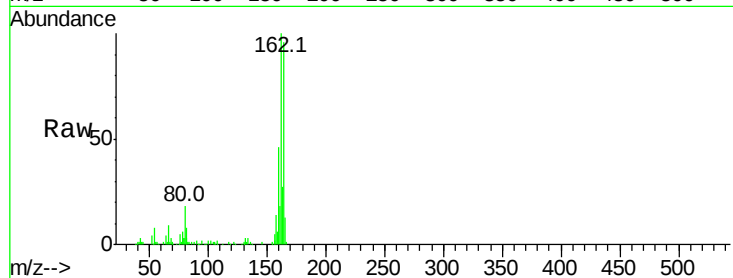
Tot Ion:164 Resp: 100183

Ion Ratio Lower Upper

164 100

162 103.8 78.8 118.2

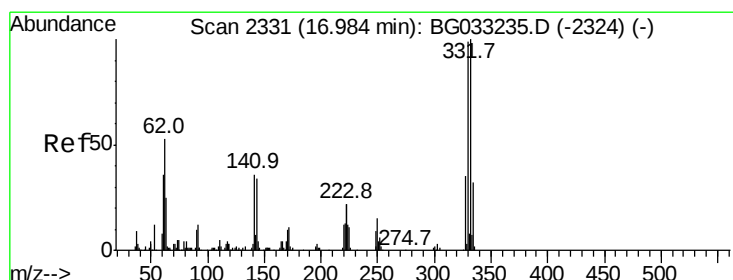
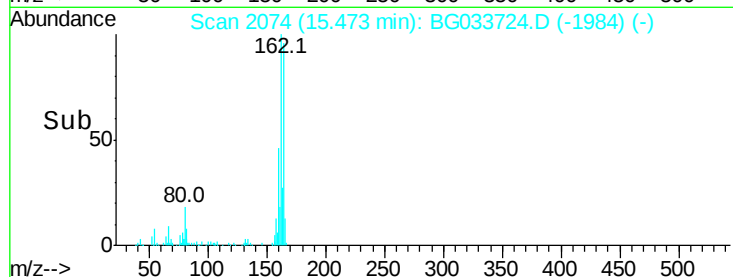
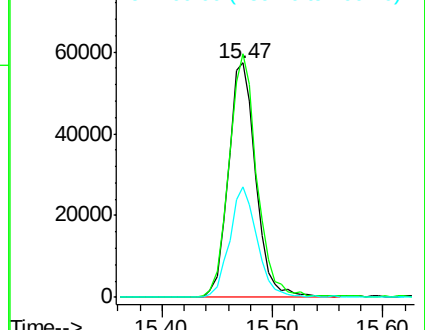
160 47.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 106.722 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

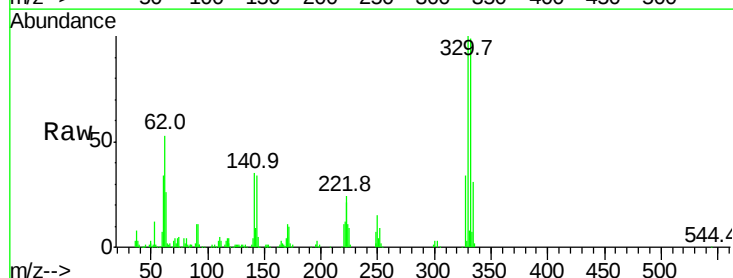
Tgt Ion:330 Resp: 159908

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

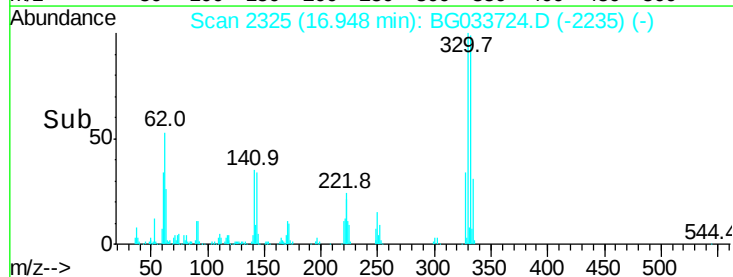
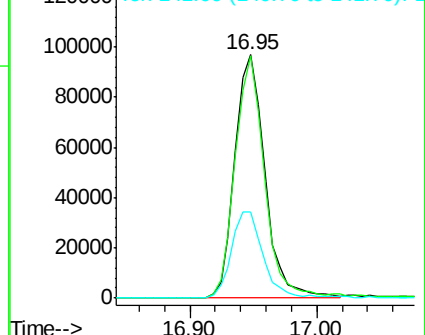
141 37.9 25.2 37.8#

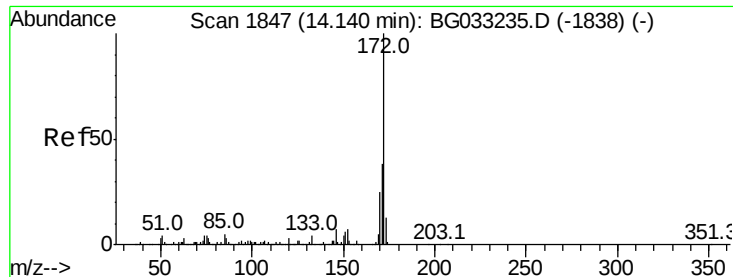


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

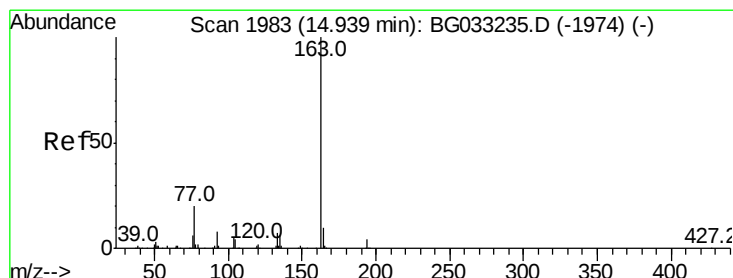
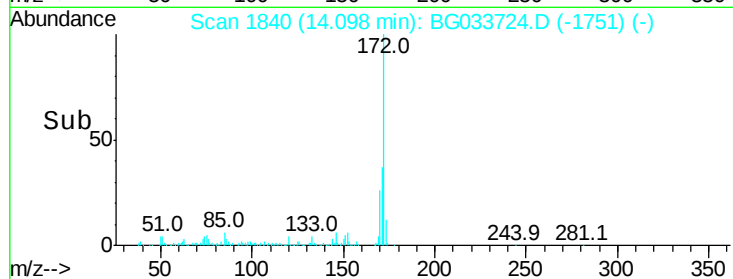
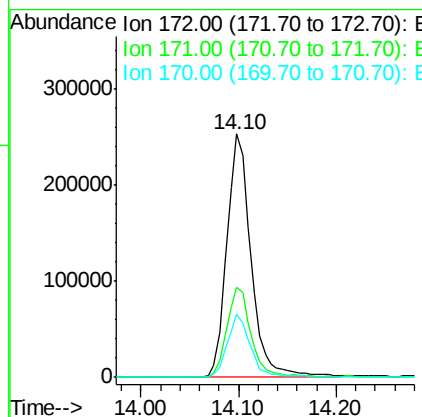
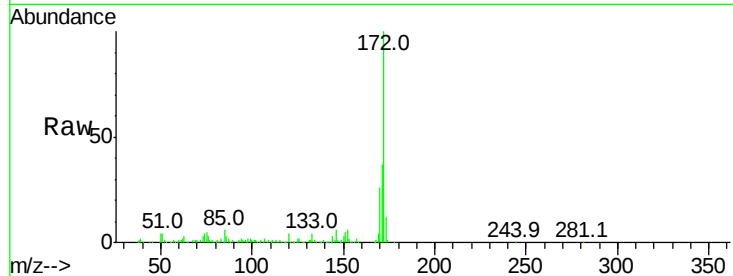




#44
2-Fluorobiphenyl
Concen: 63.157 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG033724.D
Acq: 10 Apr 2018 21:47

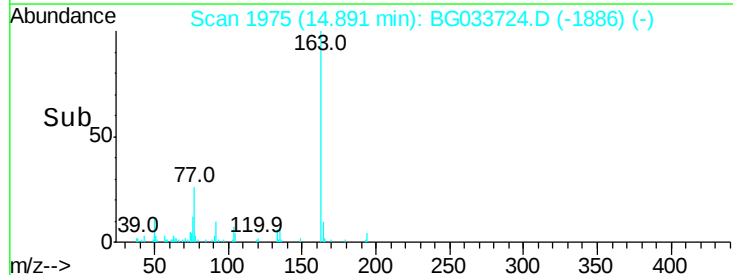
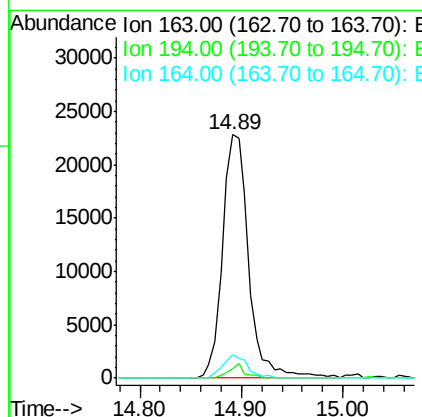
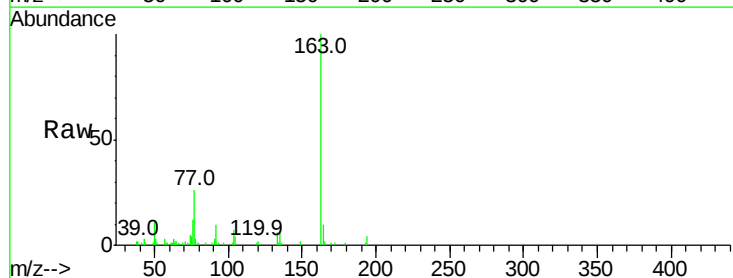
Instrument :
BNA_G
ClientSampleId :

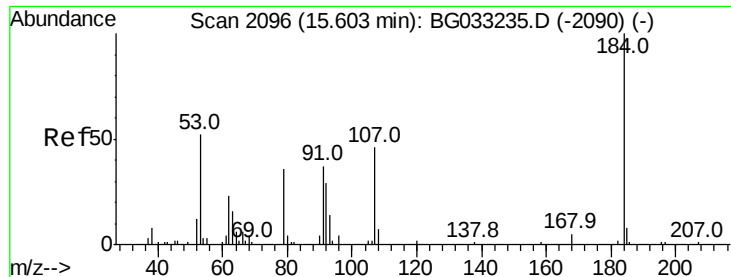
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	26.2	19.5	29.3



#49
Dimethylphthalate
Concen: 4.678 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG033724.D
Acq: 10 Apr 2018 21:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.8	8.2	12.4

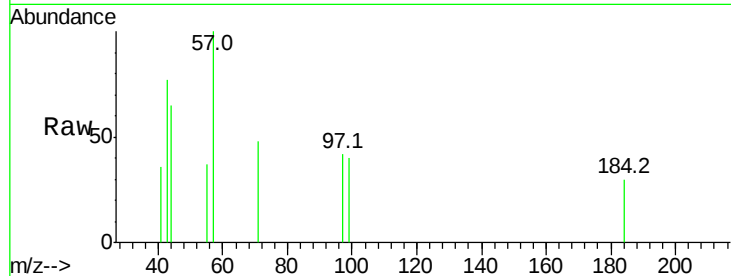




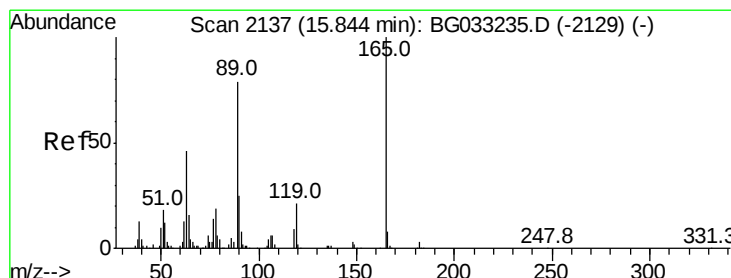
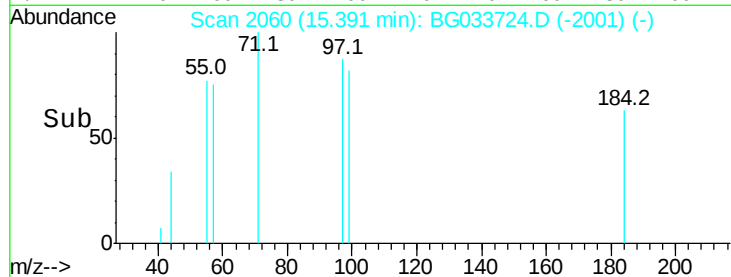
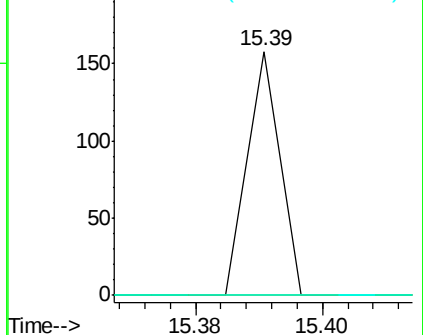
#53
 2,4-Dinitrophenol
 Concen: 7.698 ng
 RT: 15.39 min Scan# 2060
 Delta R.T. -0.18 min
 Lab File: BG033724.D
 Acq: 10 Apr 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 56
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

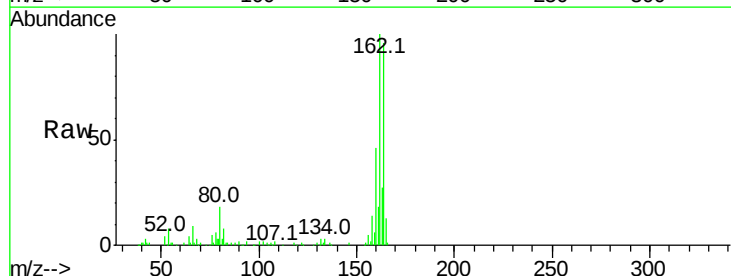


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

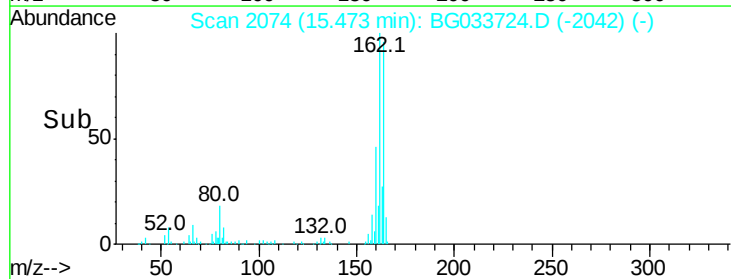
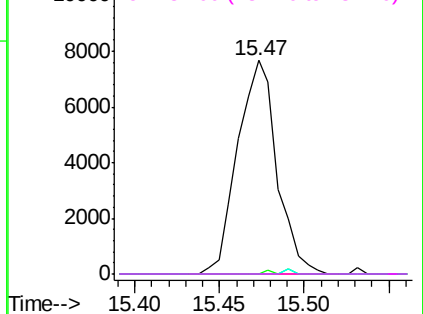


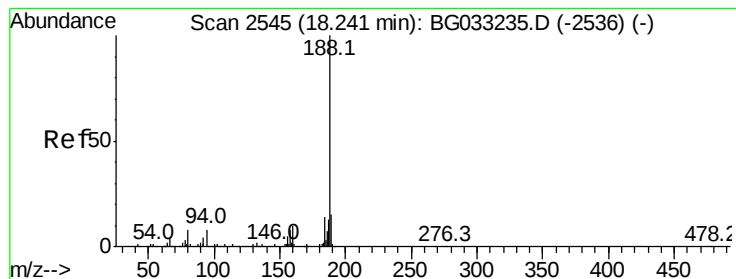
#56
 2,4-Dinitrotoluene
 Concen: 4.734 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033724.D
 Acq: 10 Apr 2018 21:47

Tgt Ion:165 Resp: 12426
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

Instrument :

BNA_G

ClientSampleId :

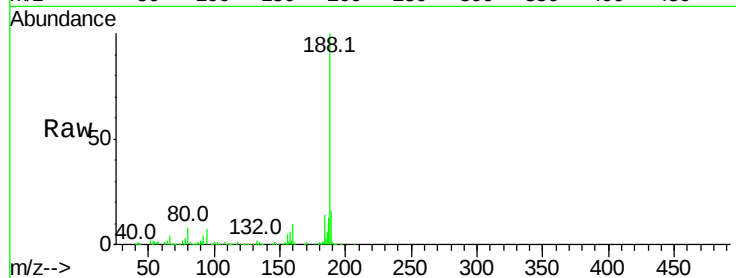
Tot Ion:188 Resp: 289615

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

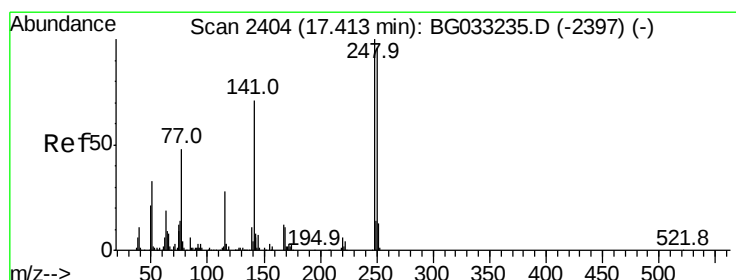
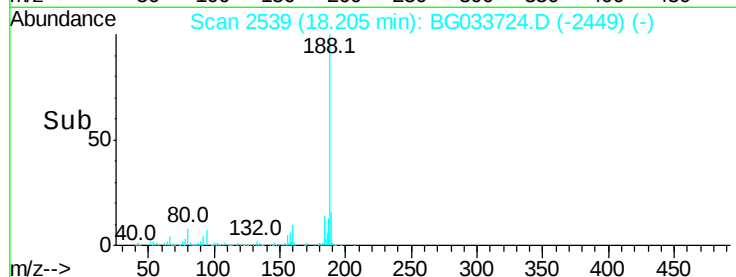
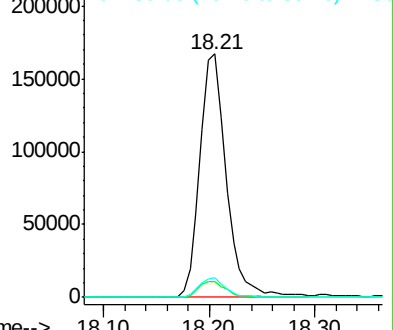
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 3.826 ng

RT: 16.94 min Scan# 2324

Delta R.T. -0.43 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

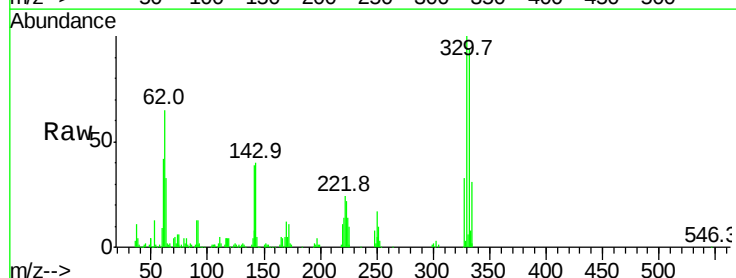
Tgt Ion:248 Resp: 13014

Ion Ratio Lower Upper

248 100

250 214.1 77.1 115.7#

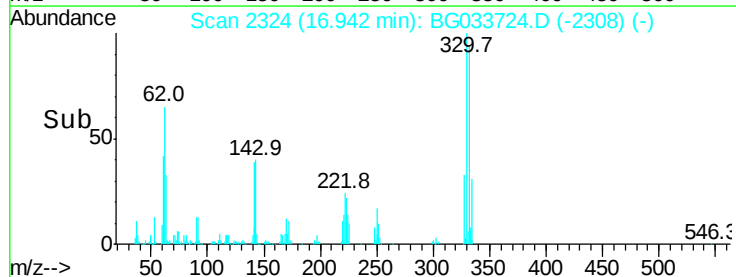
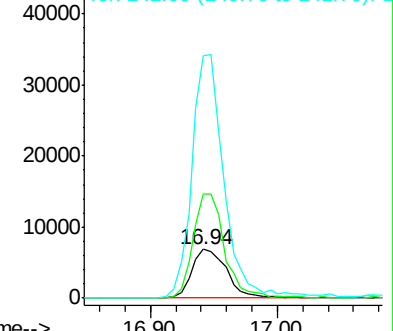
141 499.1 50.8 76.2#

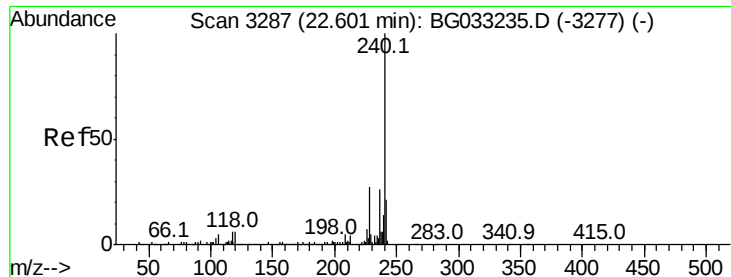


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

Instrument :

BNA_G

ClientSampleId :

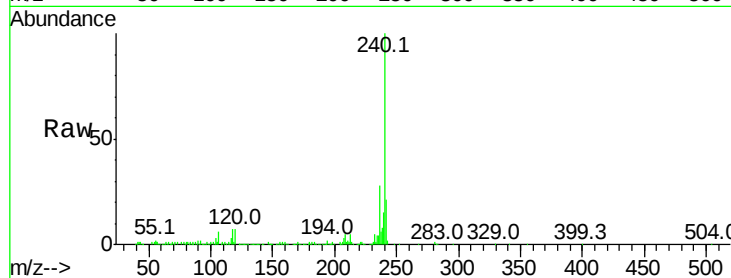
Tot Ion:240 Resp: 314538

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

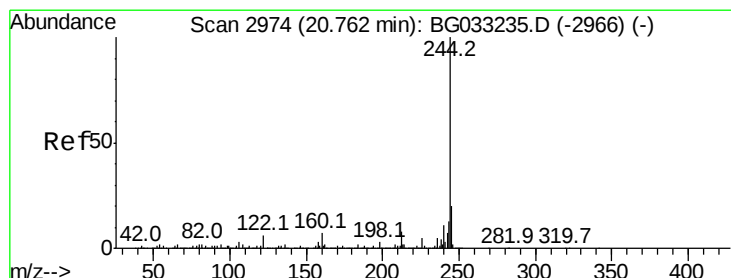
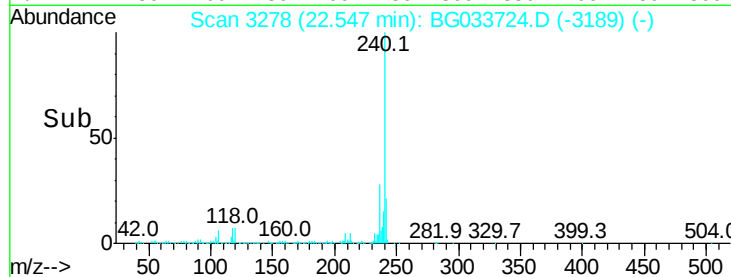
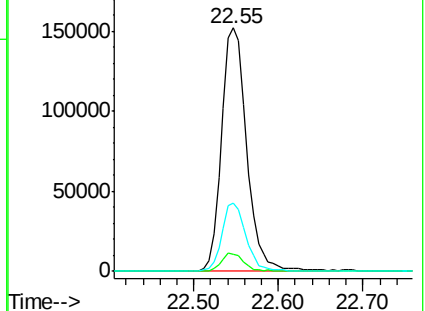
236 27.9 20.9 31.3



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: 66.252 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033724.D

Acq: 10 Apr 2018 21:47

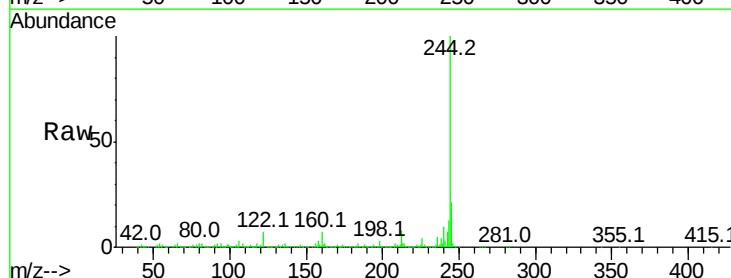
Tgt Ion:244 Resp: 974413

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

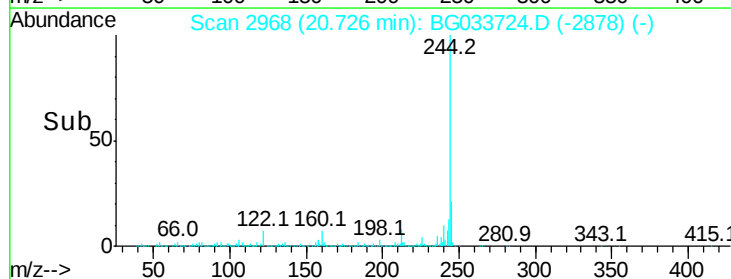
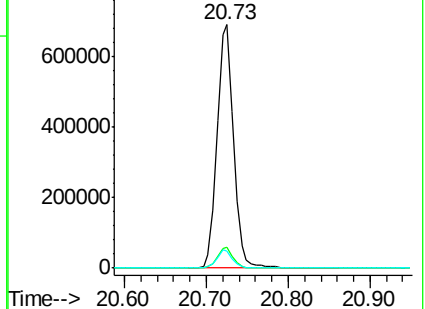
122 6.9 7.0 10.4#

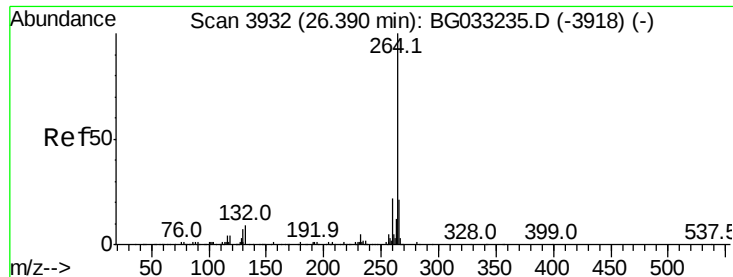


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

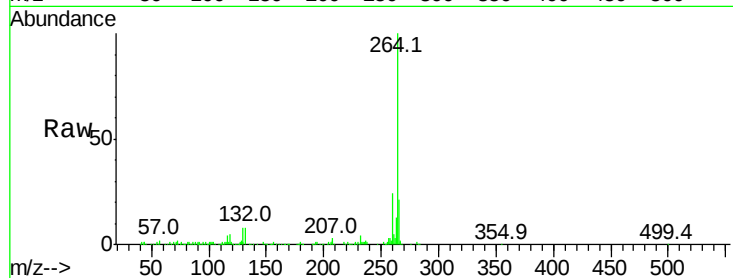




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: BG033724.D
 Acq: 10 Apr 2018 21:47

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.8	17.7	26.5



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

