

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025383.D
 Acq On : 22 Dec 2016 10:50
 Operator : UM/SJ
 Sample : H6166-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 22 13:05:59 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

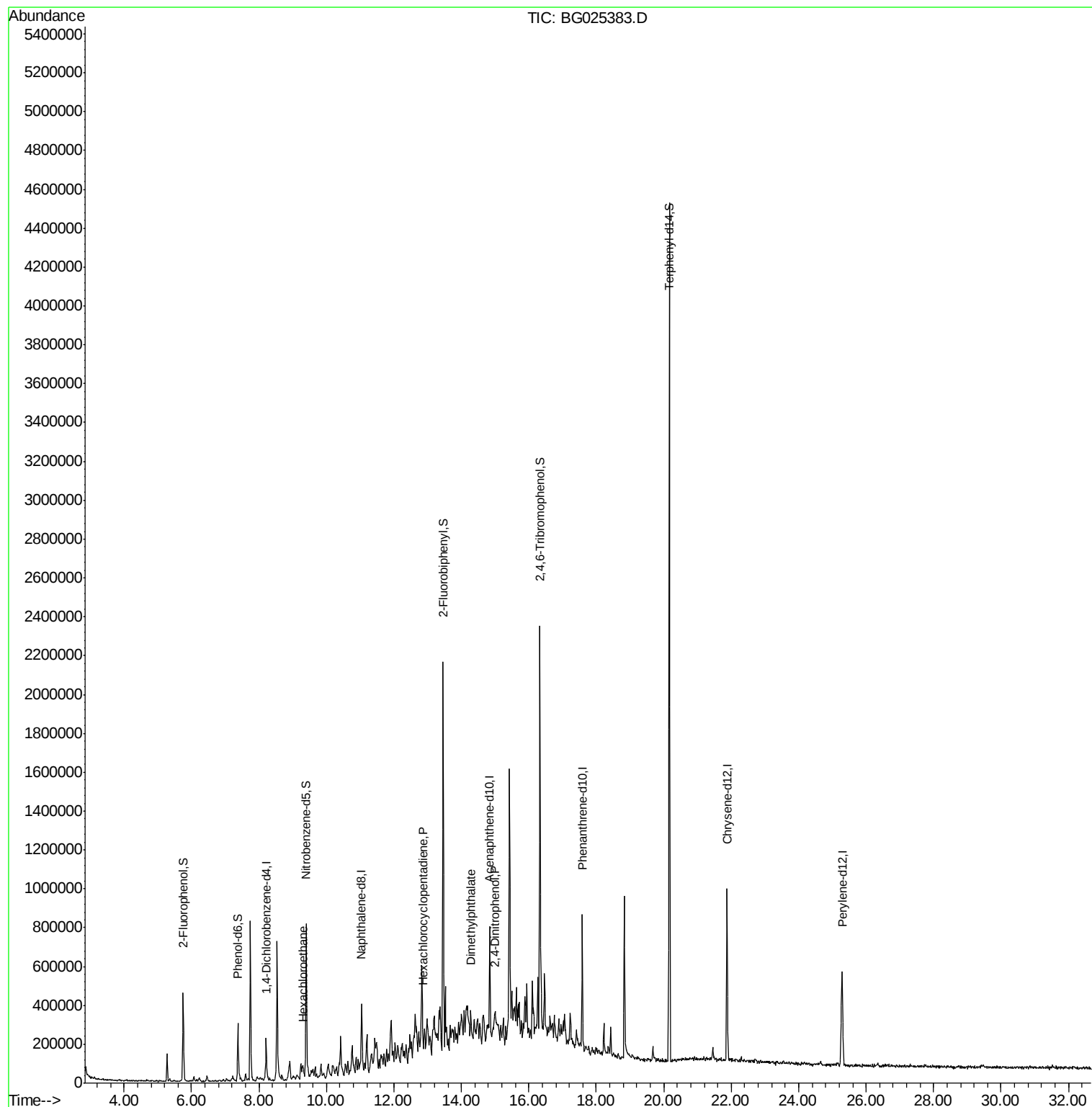
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	54933	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	218346	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	186119	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	412403	20.00	ng	0.00
75) Chrysene-d12	21.87	240	583676	20.00	ng	0.00
86) Perylene-d12	25.28	264	624909	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	177616	58.77	ng	0.00
7) Phenol-d6	7.37	99	167637	39.39	ng	0.00
23) Nitrobenzene-d5	9.39	82	429582	86.92	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	395701	132.06	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	968868	84.28	ng	0.00
78) Terphenyl-d14	20.16	244	1836085	83.41	ng	0.00
Target Compounds						
18) Hexachloroethane	9.32	117	7285	4.44	ng	# 1
40) Hexachlorocyclopentadiene	12.85	237	76	8.54	ng	# 29
49) Dimethylphthalate	14.28	163	77589	5.72	ng	97
53) 2,4-Dinitrophenol	15.00	184	706	5.42	ng	# 1

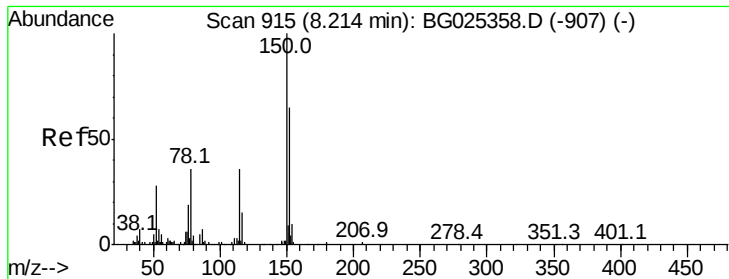
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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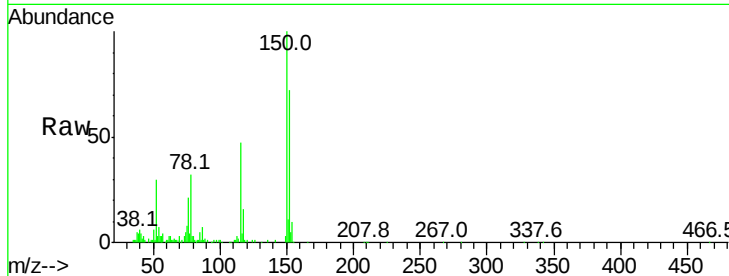


#1

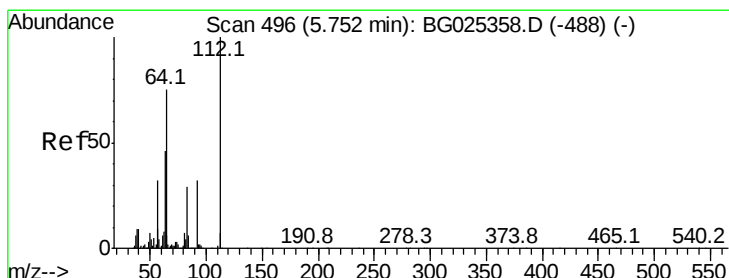
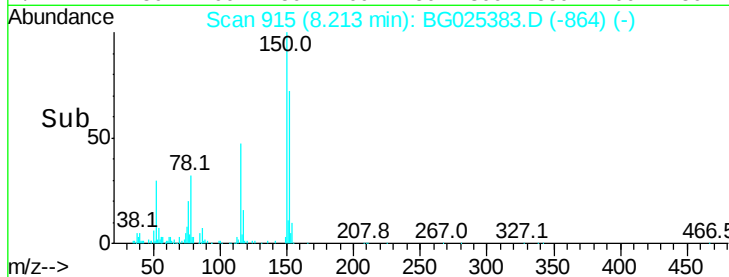
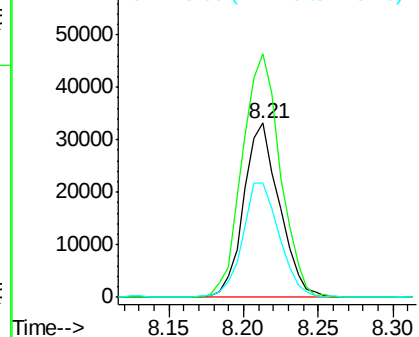
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG025383.D
Acq: 22 Dec 2016 10:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54933
Ion Ratio Lower Upper
152 100
150 139.7 114.0 171.0
115 65.9 48.1 72.1



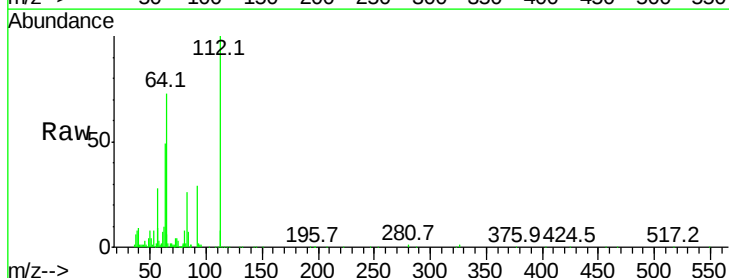
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



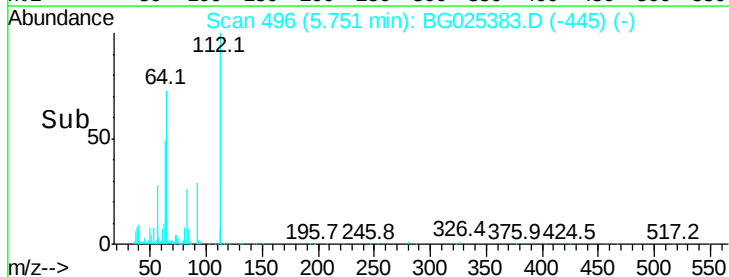
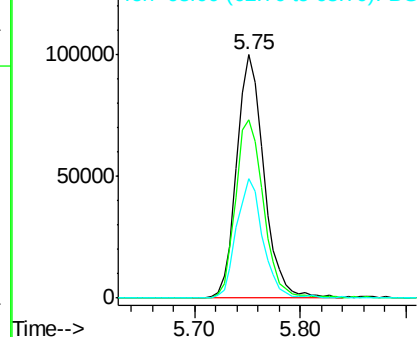
#5

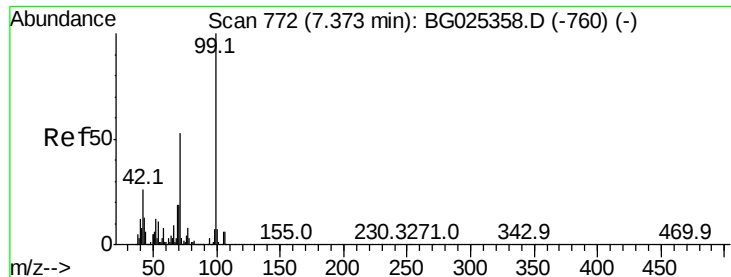
2-Fluorophenol
Concen: 58.77 ng
RT: 5.75 min Scan# 496
Delta R.T. -0.00 min
Lab File: BG025383.D
Acq: 22 Dec 2016 10:50

Tgt Ion:112 Resp: 177616
Ion Ratio Lower Upper
112 100
64 73.4 61.8 92.6
63 49.1 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: 39.39 ng

RT: 7.37 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG025383.D

Acq: 22 Dec 2016 10:50

Instrument :

BNA_G

ClientSampleId :

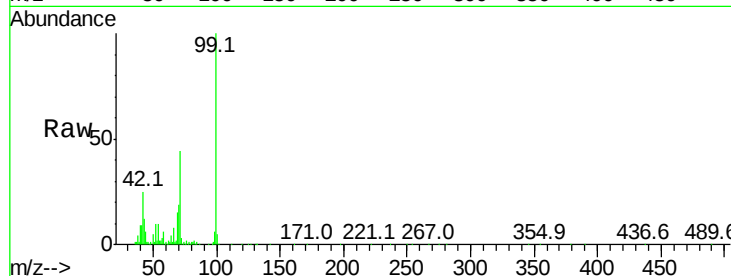
Tot Ion: 99 Resp: 167637

Ion Ratio Lower Upper

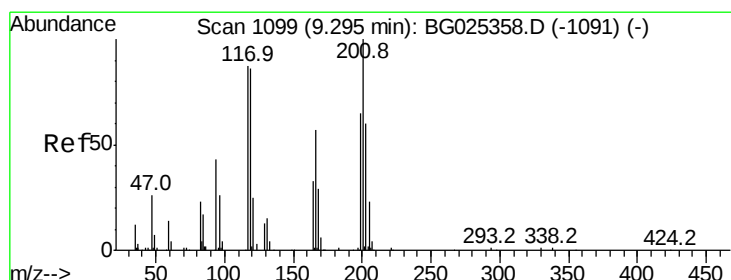
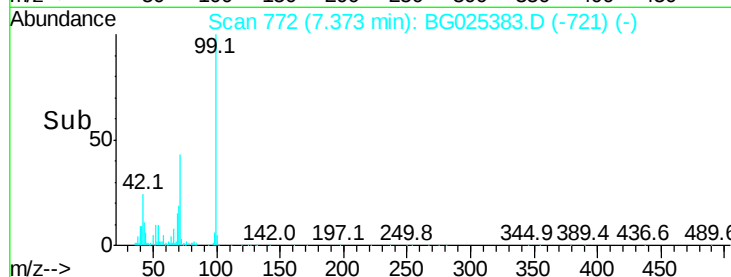
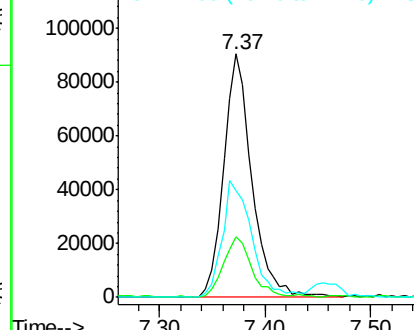
99 100

42 24.8 20.5 30.7

71 43.7 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



#18

Hexachloroethane

Concen: 4.44 ng

RT: 9.32 min Scan# 1103

Delta R.T. 0.02 min

Lab File: BG025383.D

Acq: 22 Dec 2016 10:50

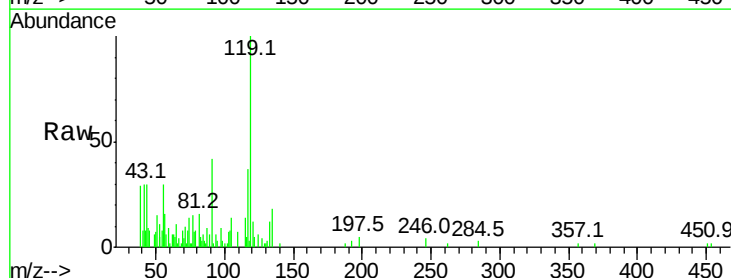
Tgt Ion: 117 Resp: 7285

Ion Ratio Lower Upper

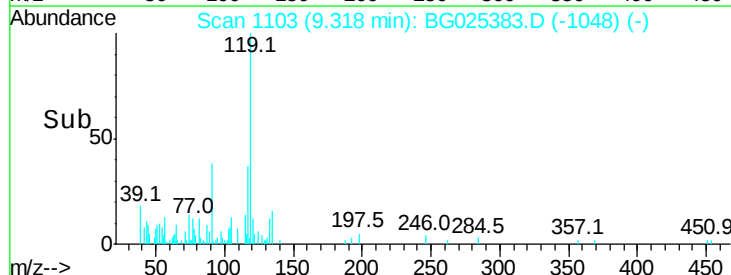
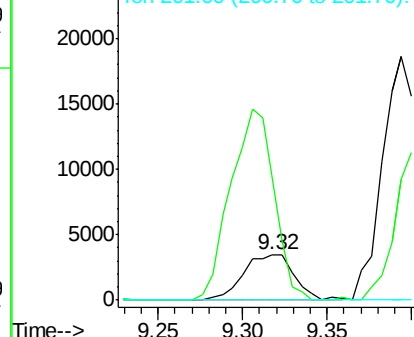
117 100

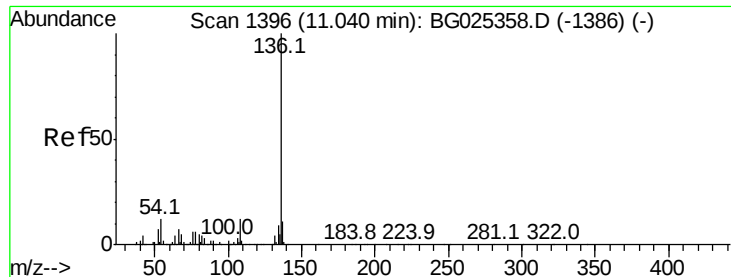
119 273.6 69.8 104.6#

201 0.0 95.4 143.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BG025383.D

Acq: 22 Dec 2016 10:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 218346

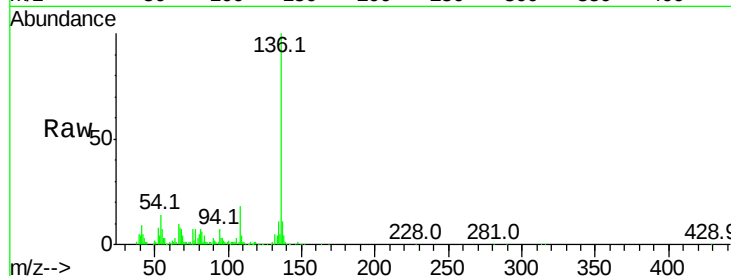
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	14.3	9.3	13.9
68	7.3	5.1	7.7

136 100

137 10.8 8.9 13.3

54 14.3 9.3 13.9

68 7.3 5.1 7.7

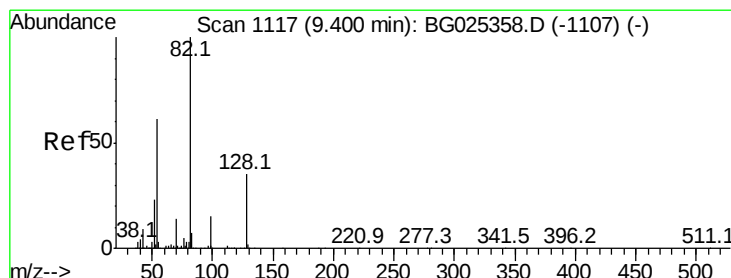
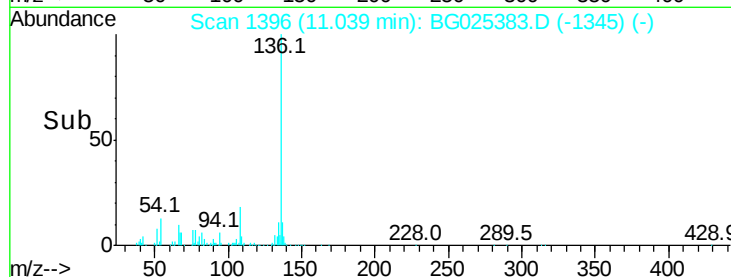
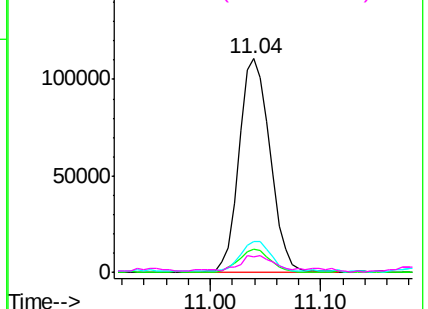


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 86.92 ng

RT: 9.39 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BG025383.D

Acq: 22 Dec 2016 10:50

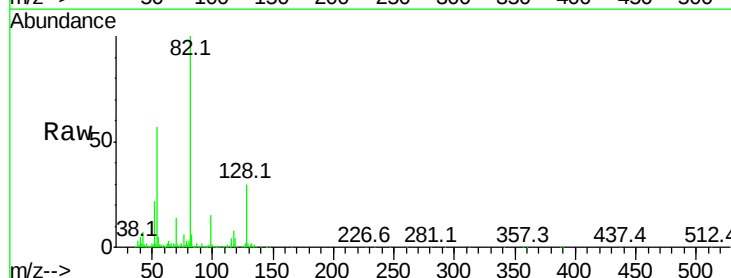
Tgt Ion: 82 Resp: 429582

Ion	Ratio	Lower	Upper
82	100		
128	30.3	26.4	39.6
54	56.5	49.4	74.2

82 100

128 30.3 26.4 39.6

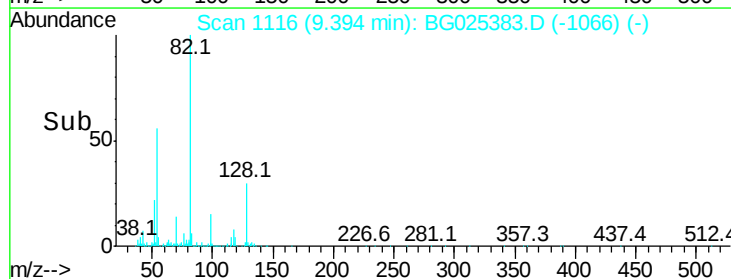
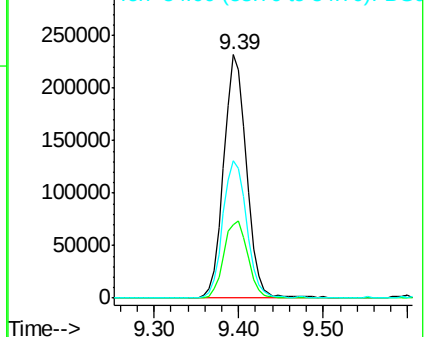
54 56.5 49.4 74.2

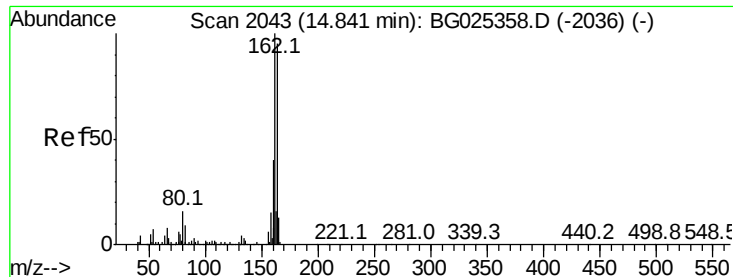


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG025383.D

Acq: 22 Dec 2016 10:50

Instrument :

BNA_G

ClientSampleId :

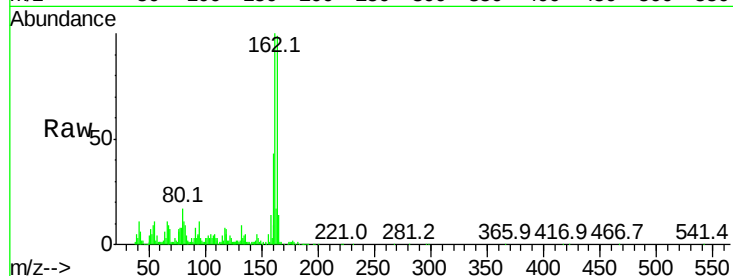
Tot Ion:164 Resp: 186119

Ion Ratio Lower Upper

164 100

162 100.7 85.1 127.7

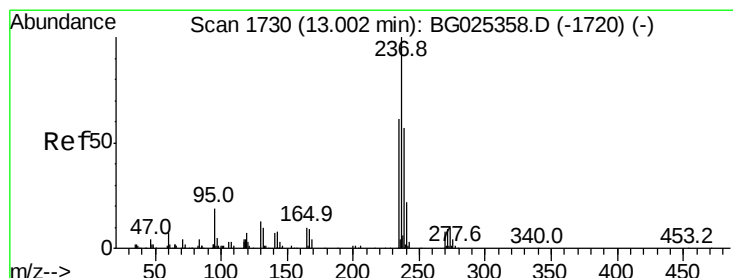
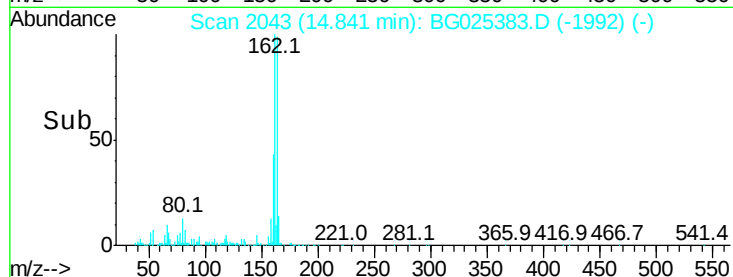
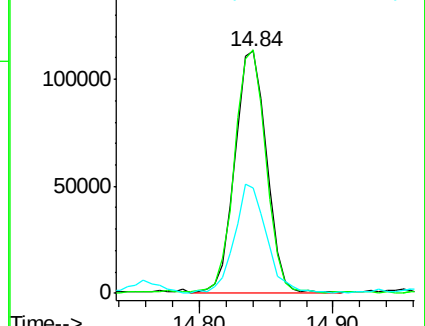
160 43.5 34.7 52.1



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



#40

Hexachlorocyclopentadiene

Concen: 8.54 ng

RT: 12.85 min Scan# 1705

Delta R.T. -0.15 min

Lab File: BG025383.D

Acq: 22 Dec 2016 10:50

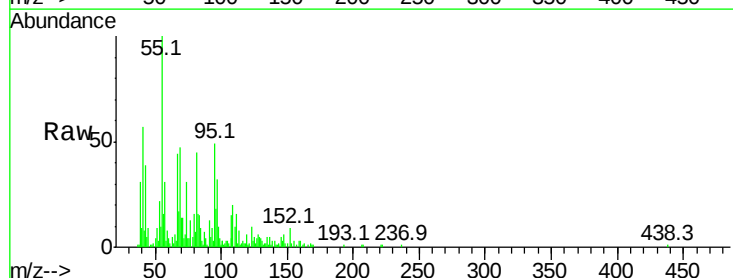
Tgt Ion:237 Resp: 76

Ion Ratio Lower Upper

237 100

235 0.0 39.4 79.4#

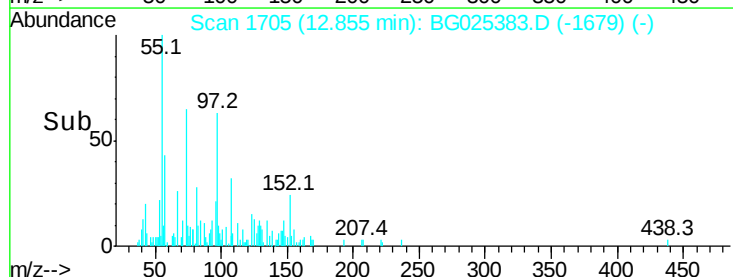
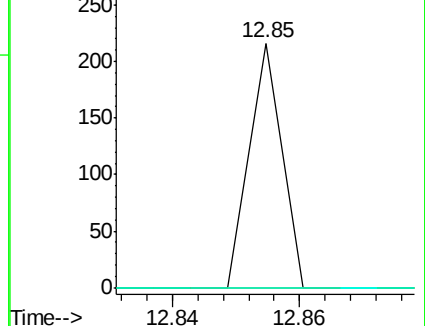
272 0.0 0.0 32.0

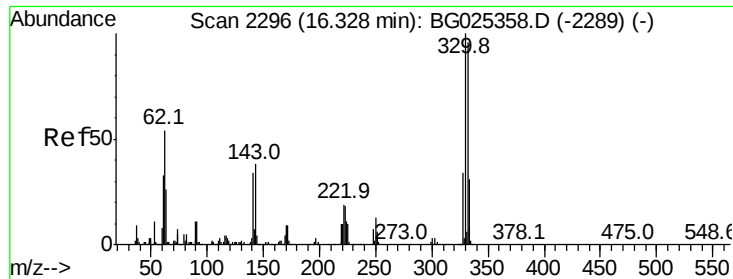


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

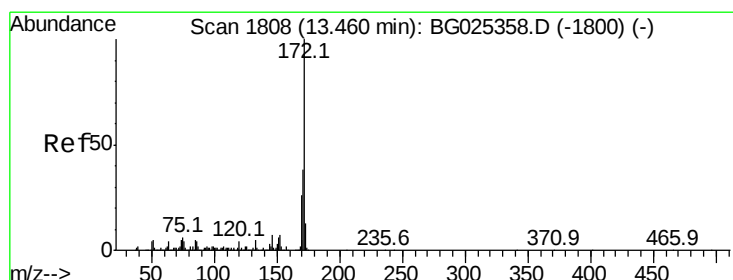
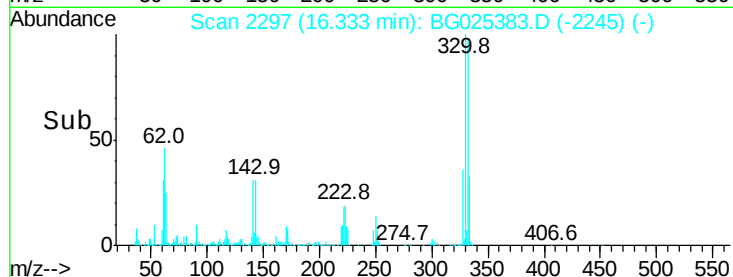
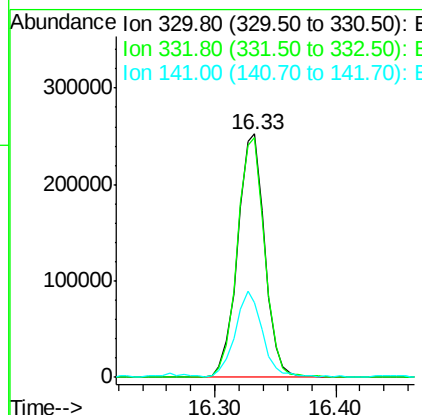
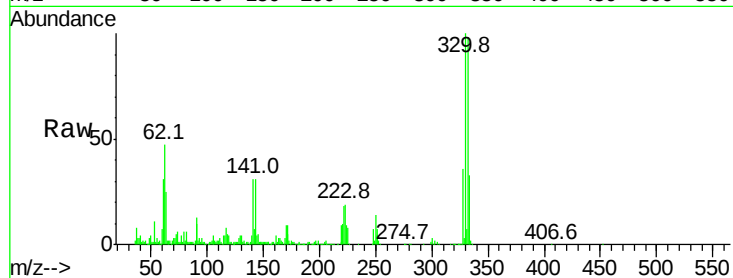




#41
 2,4,6-Tribromophenol
 Concen: 132.06 ng
 RT: 16.33 min Scan# 2297
 Delta R.T. 0.01 min
 Lab File: BG025383.D
 Acq: 22 Dec 2016 10:50

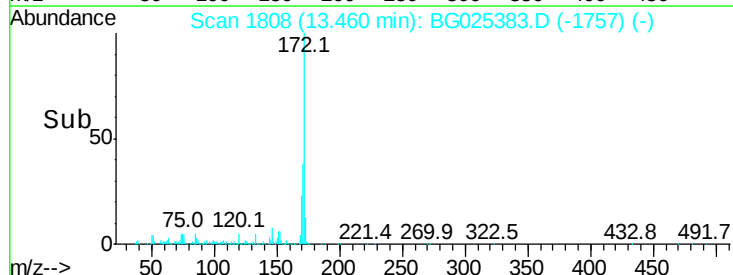
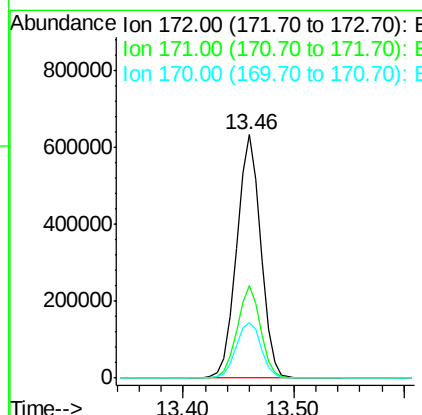
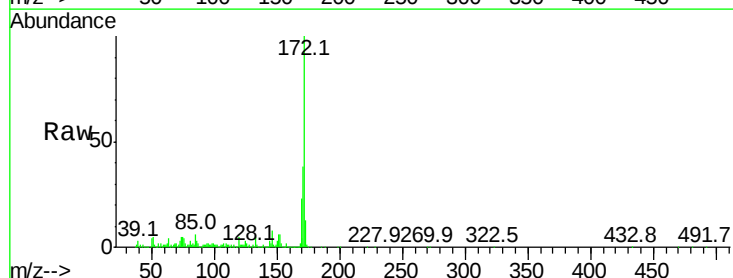
Instrument :
 BNA_G
 ClientSampleId :

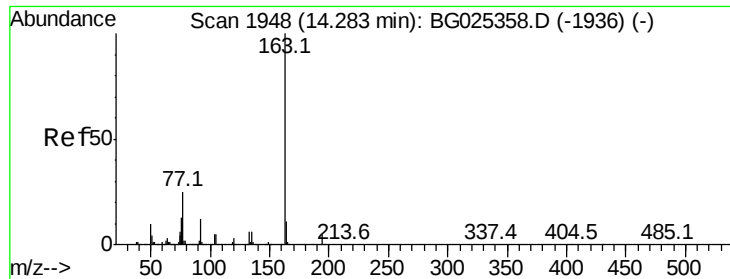
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.4	77.3	115.9
141	34.8	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 84.28 ng
 RT: 13.46 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: BG025383.D
 Acq: 22 Dec 2016 10:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	22.9	21.8	32.6





#49

Dimethylphthalate

Concen: 5.72 ng

RT: 14.28 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG025383.D

Acq: 22 Dec 2016 10:50

Instrument :

BNA_G

ClientSampleId :

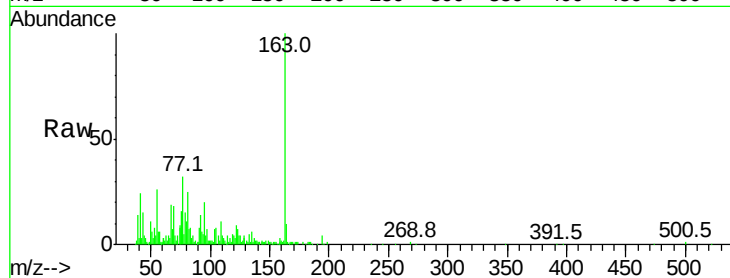
Tot Ion:163 Resp: 77589

Ion Ratio Lower Upper

163 100

194 3.8 3.8 5.6

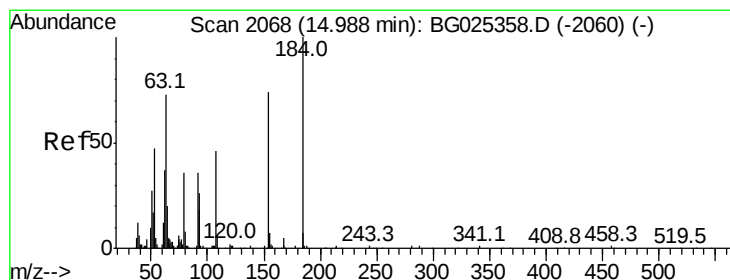
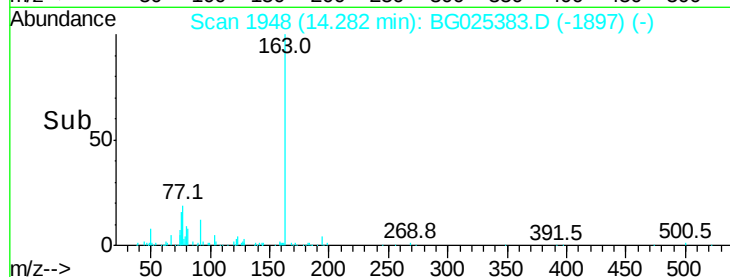
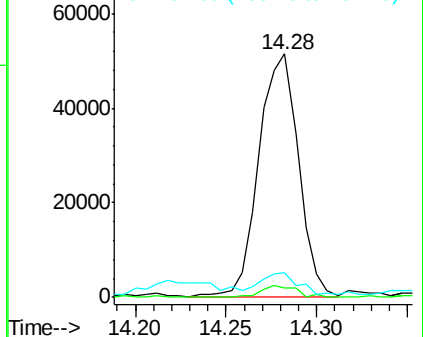
164 10.2 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 5.42 ng

RT: 15.00 min Scan# 2070

Delta R.T. 0.01 min

Lab File: BG025383.D

Acq: 22 Dec 2016 10:50

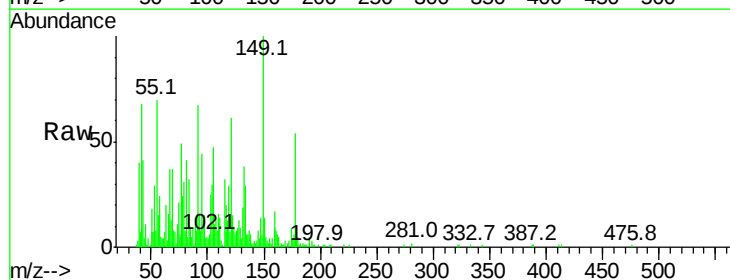
Tgt Ion:184 Resp: 706

Ion Ratio Lower Upper

184 100

63 1021.3 52.7 79.1#

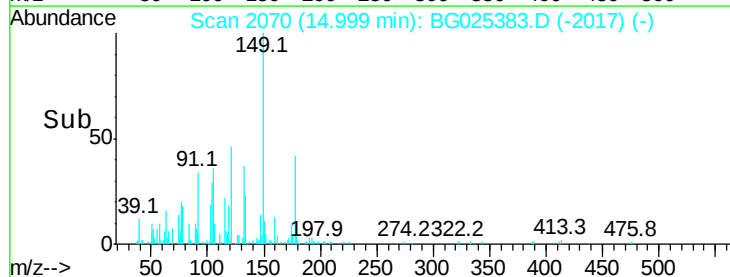
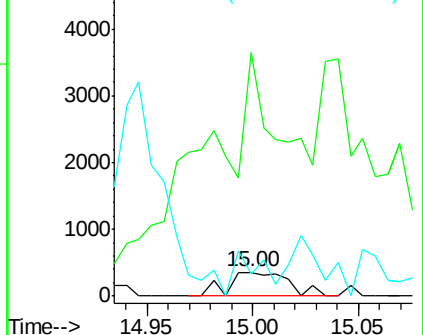
154 94.1 57.3 85.9#

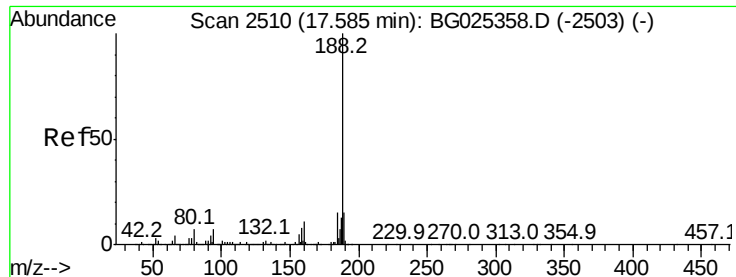


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

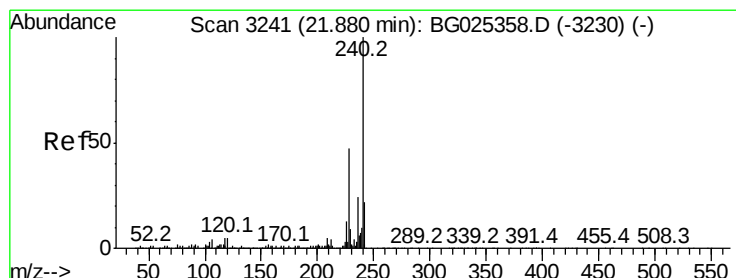
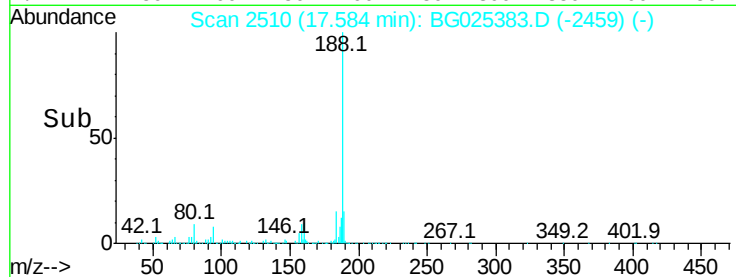
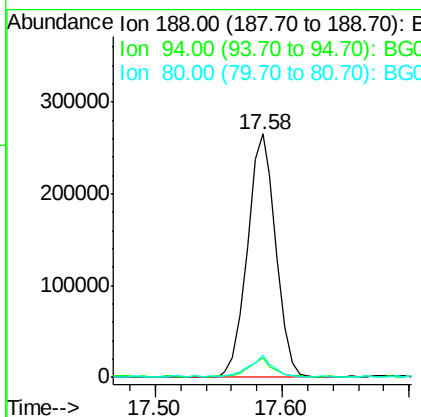
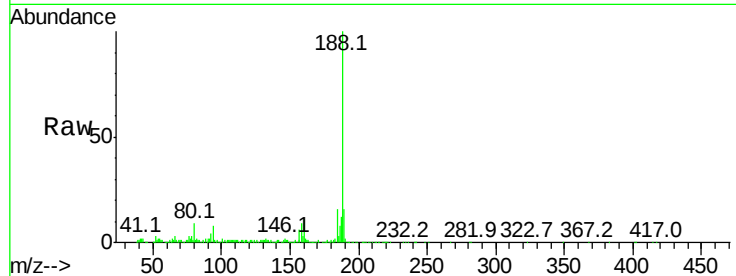




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BG025383.D
Acq: 22 Dec 2016 10:50

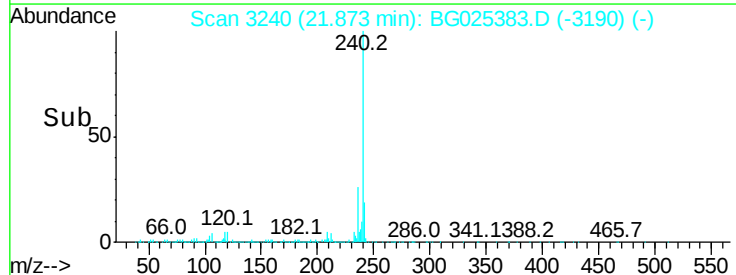
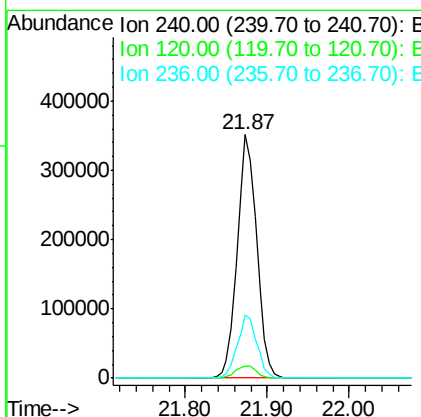
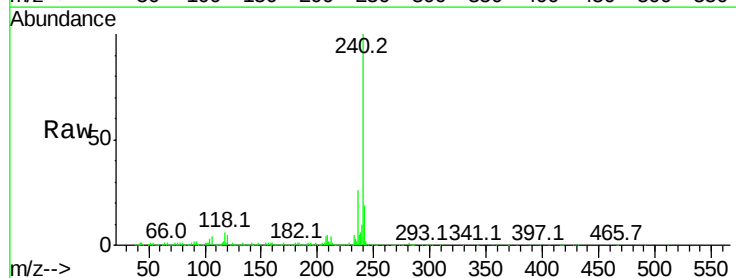
Instrument :
BNA_G
ClientSampleId :

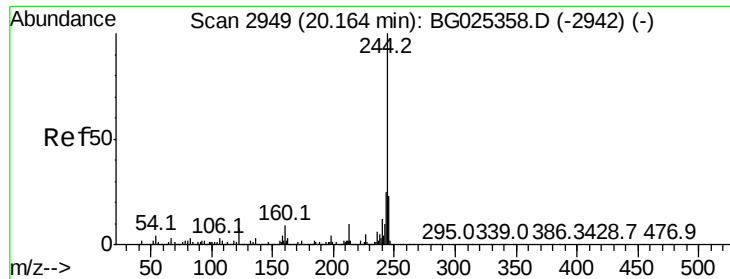
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.8	8.8
80	9.3	7.5	11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025383.D
Acq: 22 Dec 2016 10:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.7	8.5#
236	25.9	22.2	33.4





#78

Terphenyl-d14

Concen: 83.41 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG025383.D

Acq: 22 Dec 2016 10:50

Instrument :

BNA_G

ClientSampleId :

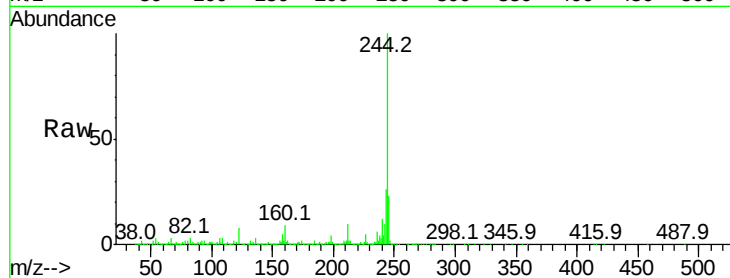
Tot Ion:244 Resp: 1836085

Ion Ratio Lower Upper

244 100

212 9.6 10.0 15.0#

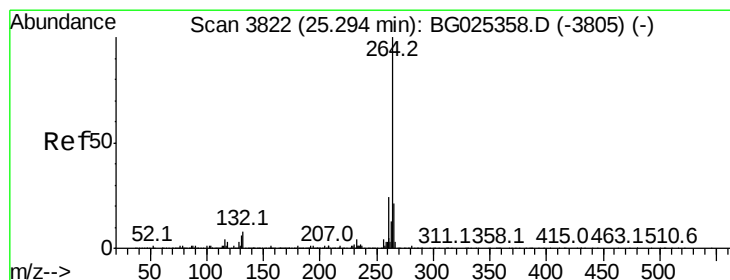
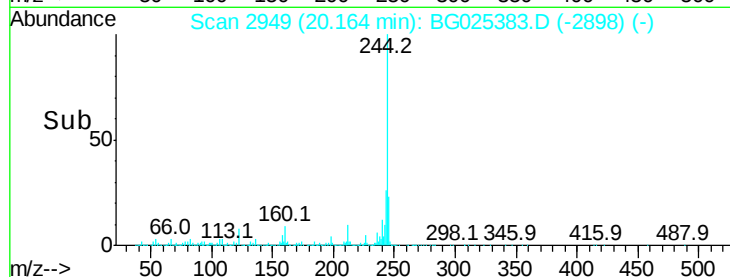
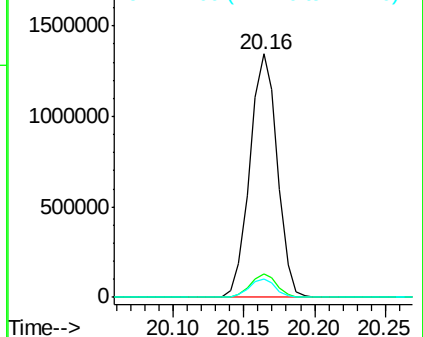
122 7.8 8.6 12.8#



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: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025383.D

Acq: 22 Dec 2016 10:50

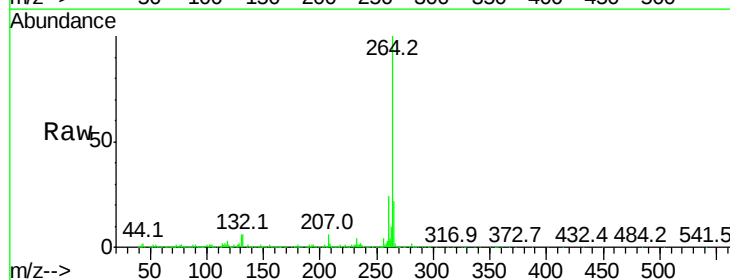
Tgt Ion:264 Resp: 624909

Ion Ratio Lower Upper

264 100

260 23.6 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

