

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
 Data File : BG038849.D
 Acq On : 27 Dec 2018 18:40
 Operator : JU/SJ
 Sample : J6533-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

Quant Time: Dec 28 10:06:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

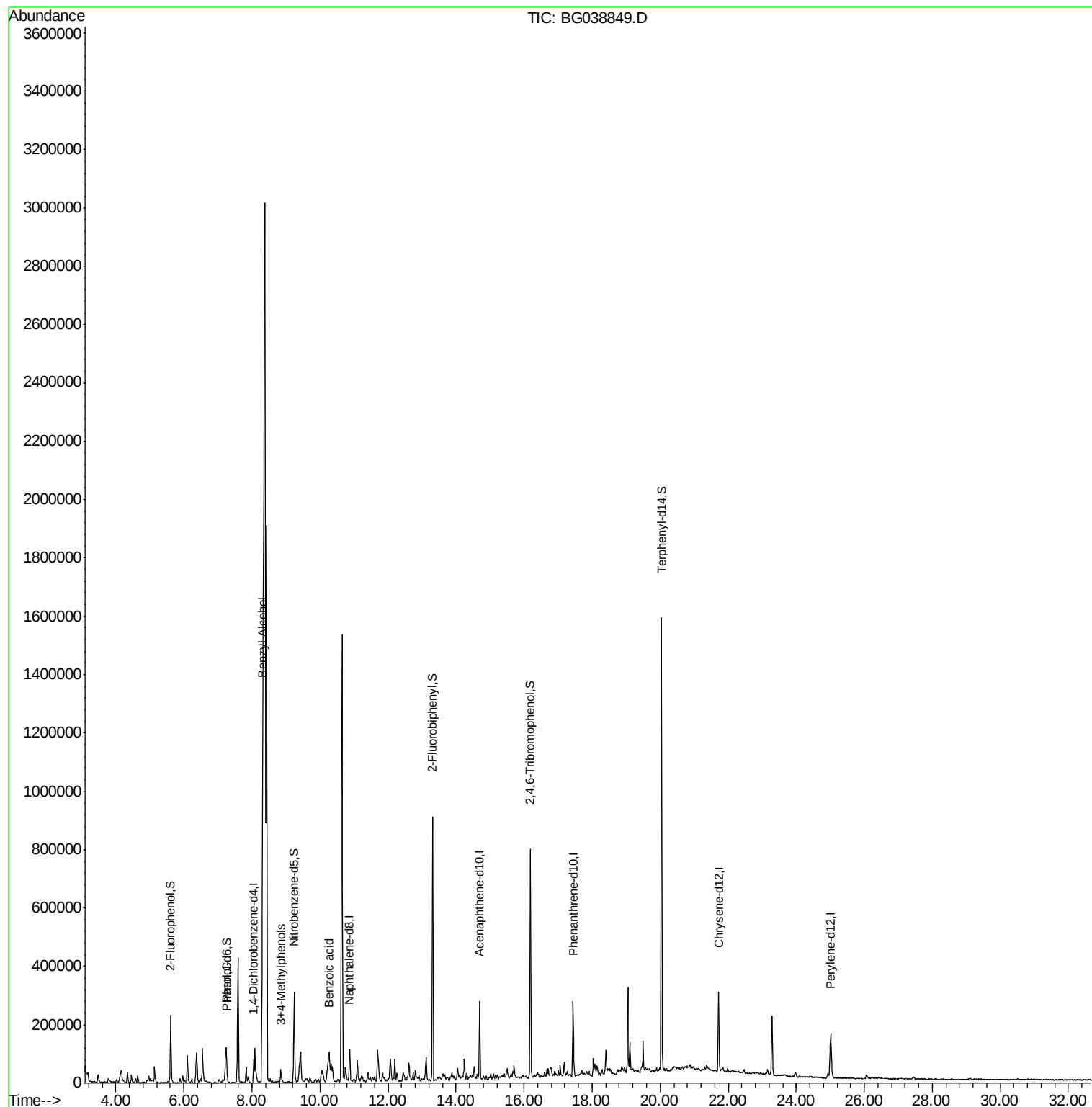
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	22757	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	95632	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	68396	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	167637	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174308	20.00	ng	0.00
87) Perylene-d12	25.02	264	188470	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	109245	85.14	ng	0.00
7) Phenol-d6	7.24	99	101998	57.91	ng	0.03
23) Nitrobenzene-d5	9.24	82	180693	96.53	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	167479	177.67	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	497001	99.69	ng	0.00
79) Terphenyl-d14	20.04	244	812245	101.41	ng	0.00
Target Compounds						
10) Phenol	7.26	94	12292	6.569	ng	84
15) Benzyl Alcohol	8.31	79	85693	62.330	ng	96
20) 3+4-Methylphenols	8.85	107	18710	10.806	ng	86
32) Benzoic acid	10.27	122	74015	76.288	ng	94

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

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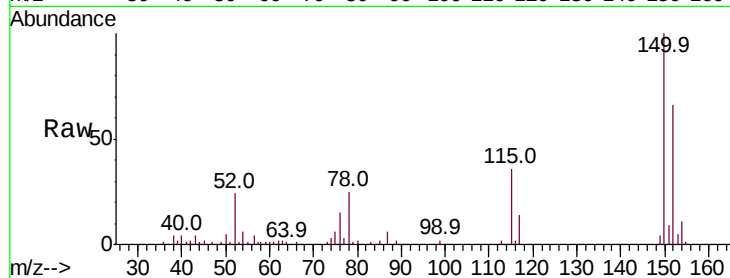


#1

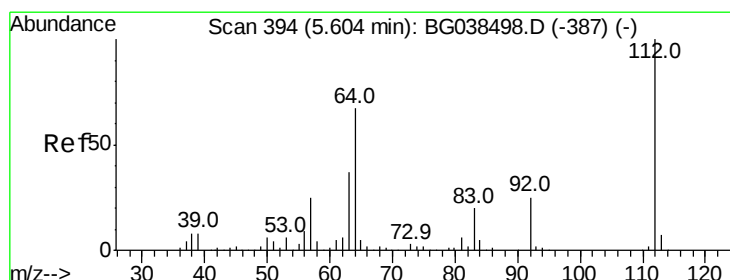
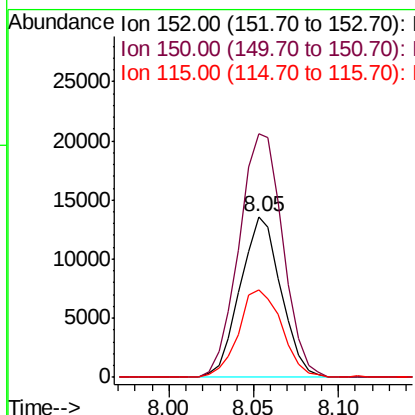
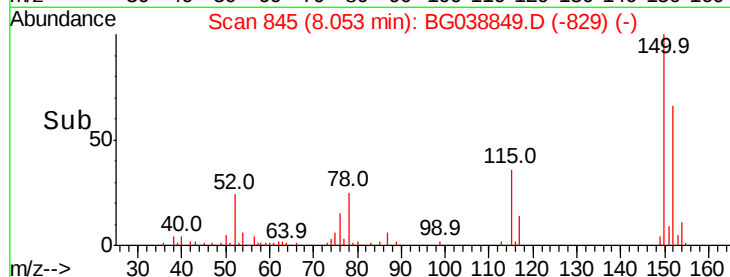
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tot Ion:152 Resp: 22757
Ion Ratio Lower Upper
152 100
150 151.3 119.5 179.3
115 54.6 49.6 74.4



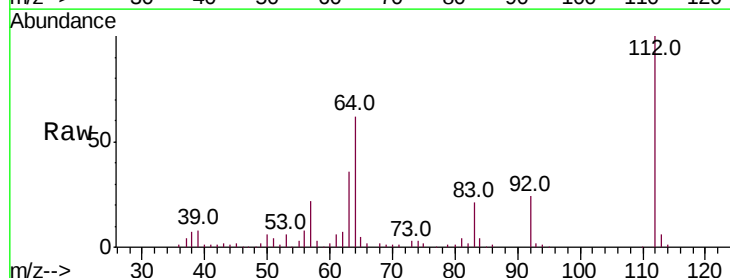
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



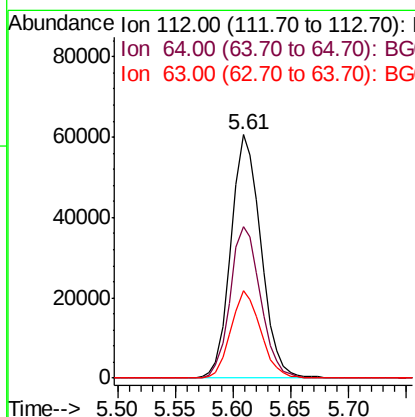
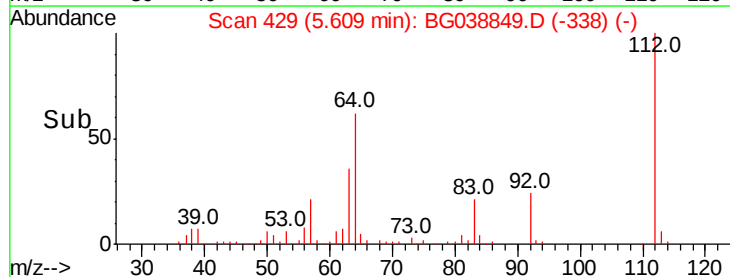
#5

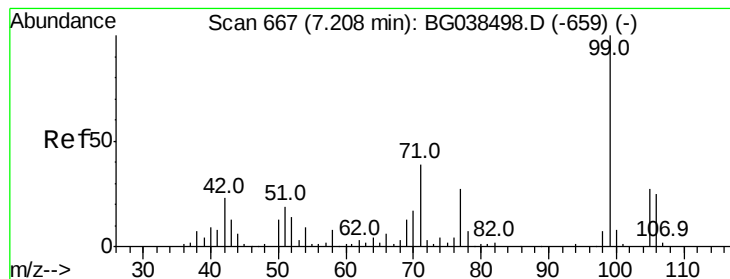
2-Fluorophenol
Concen: 85.144 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:112 Resp: 109245
Ion Ratio Lower Upper
112 100
64 62.3 53.4 80.2
63 36.2 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 57.908 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.03 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

Instrument :

BNA_G

ClientSampleId :

COMP-3

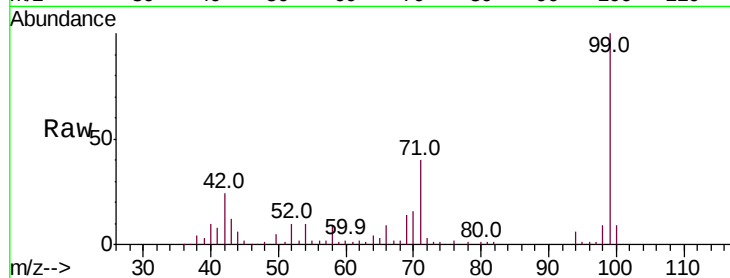
Tot Ion: 99 Resp: 101998

Ion Ratio Lower Upper

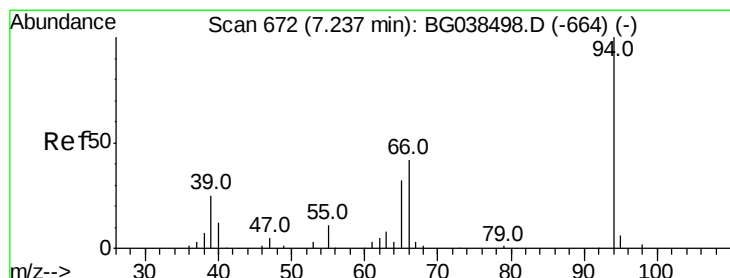
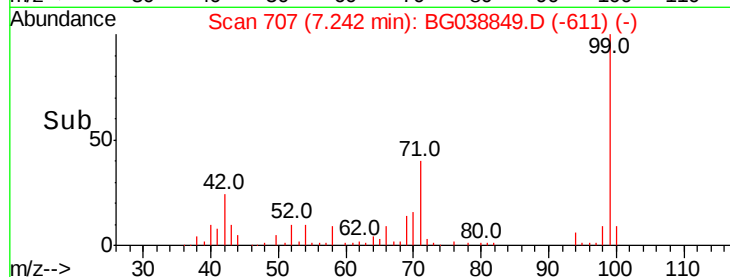
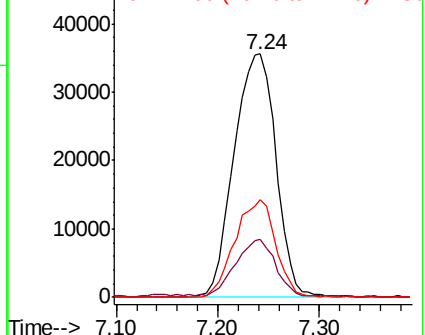
99 100

42 23.9 18.5 27.7

71 40.2 31.1 46.7



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



#10

Phenol

Concen: 6.569 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.02 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

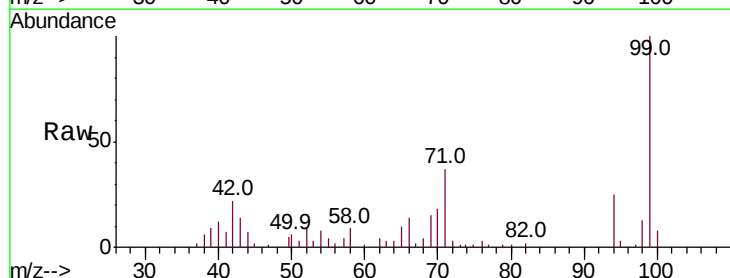
Tgt Ion: 94 Resp: 12292

Ion Ratio Lower Upper

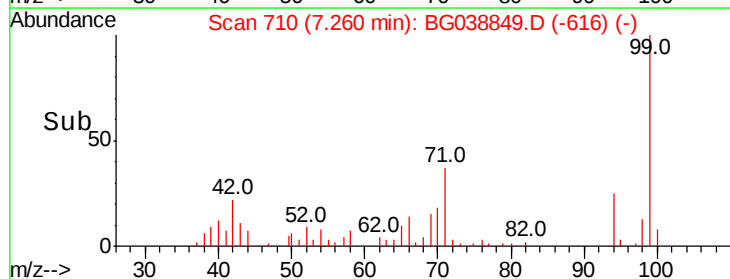
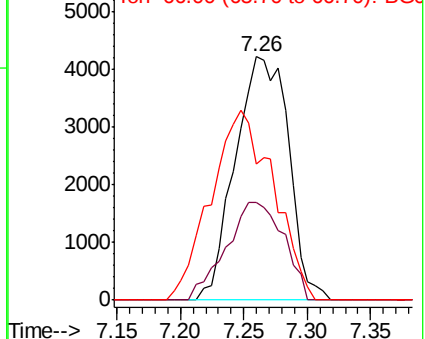
94 100

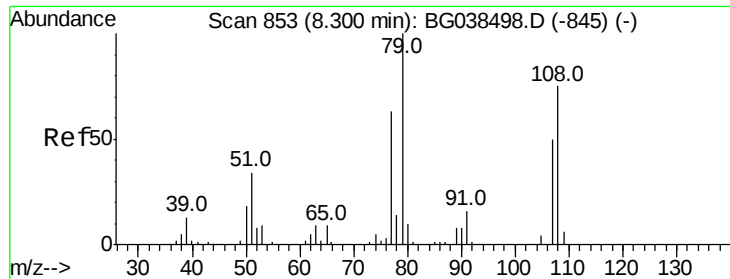
65 39.9 12.6 52.6

66 56.0 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#15

Benzyl Alcohol

Concen: 62.330 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.01 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

Instrument :

BNA_G

ClientSampleId :

COMP-3

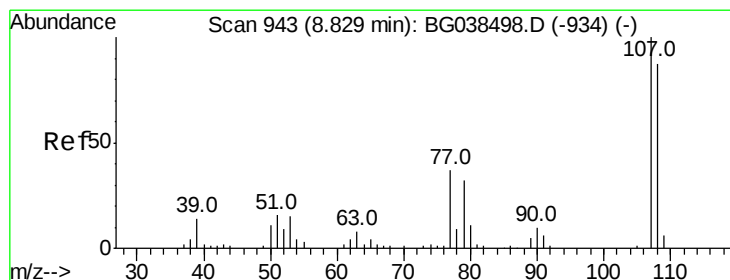
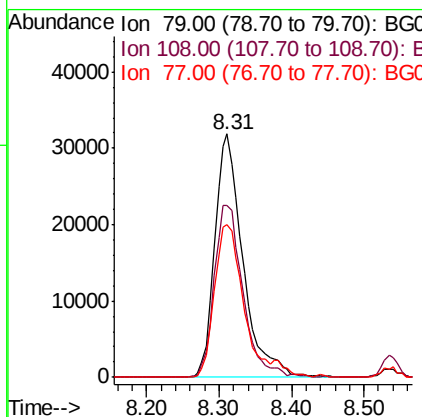
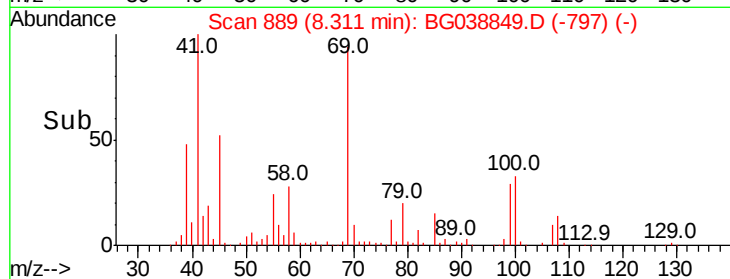
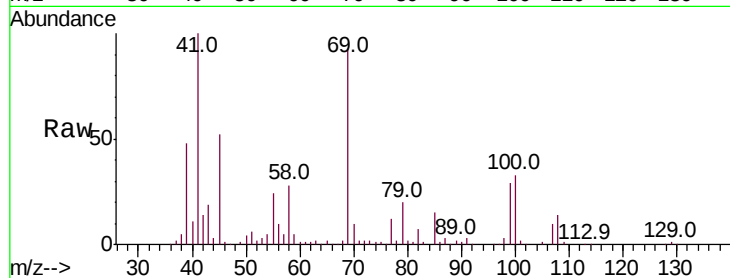
Tot Ion: 79 Resp: 85693

Ion Ratio Lower Upper

79 100

108 70.5 60.2 90.4

77 62.6 50.7 76.1



#20

3+4-Methylphenols

Concen: 10.806 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.02 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

Tgt Ion: 107 Resp: 18710

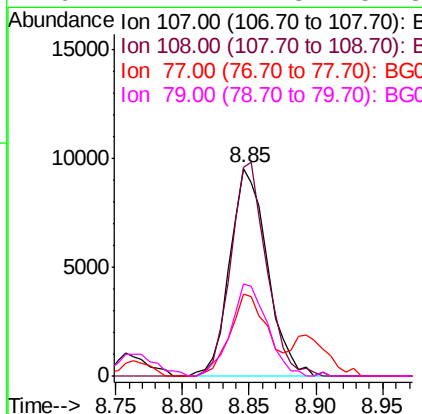
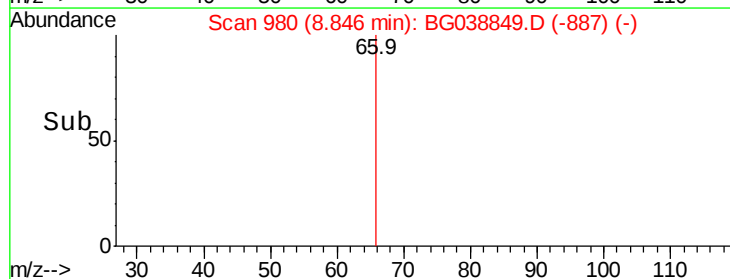
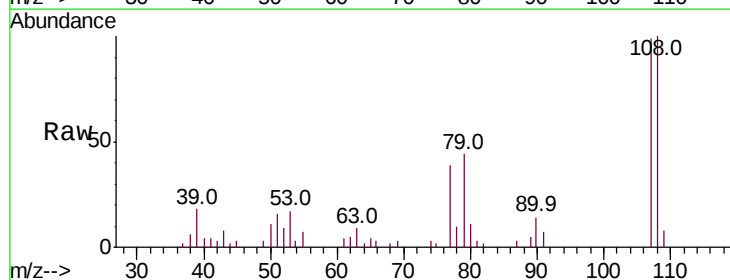
Ion Ratio Lower Upper

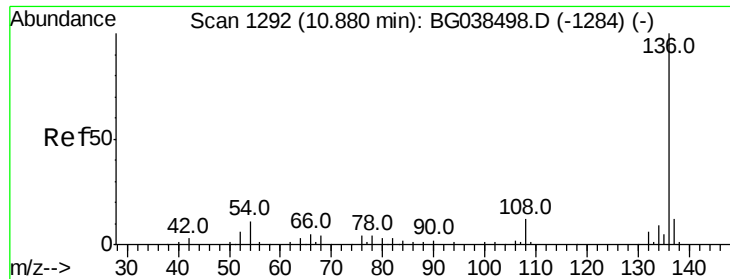
107 100

108 100.6 66.7 106.7

77 39.2 17.3 57.3

79 44.4 12.3 52.3

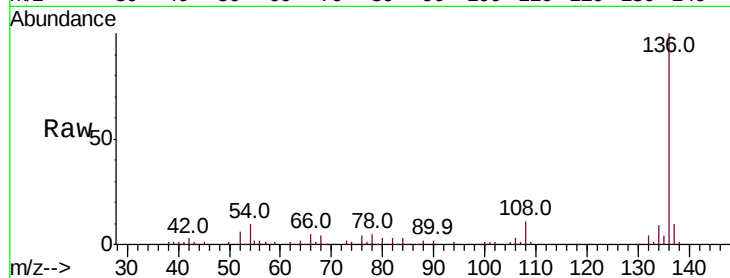




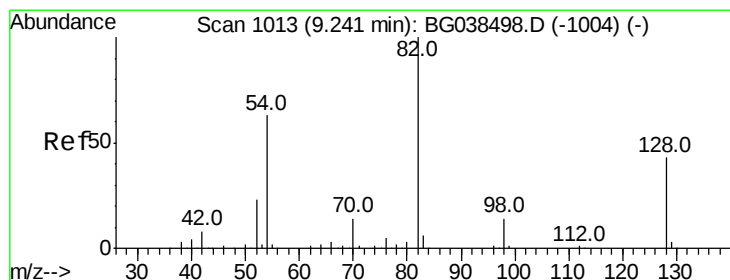
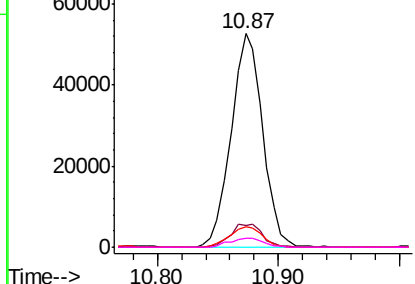
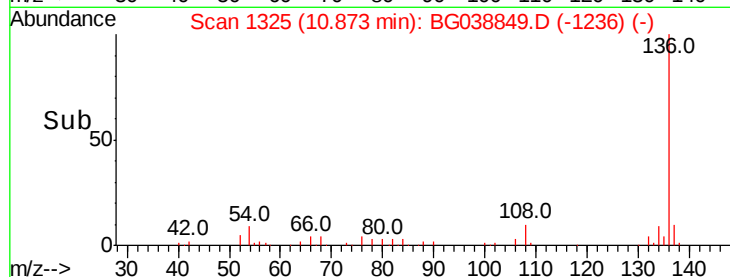
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Instrument :
BNA_G
ClientSampleId :
COMP-3

Tot Ion:	136	Resp:	95632
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.3	13.9
54	9.7	8.5	12.7
68	4.1	3.5	5.3

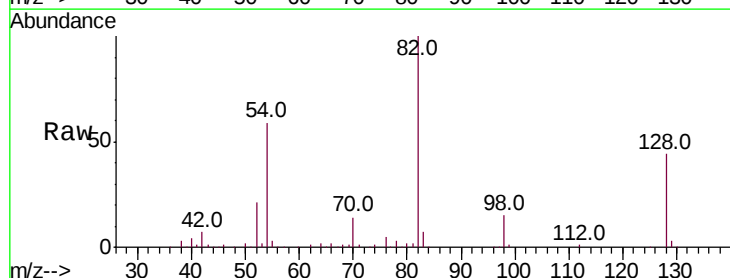


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

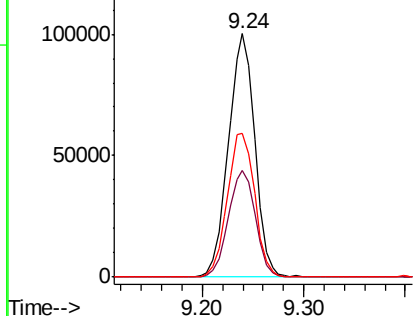
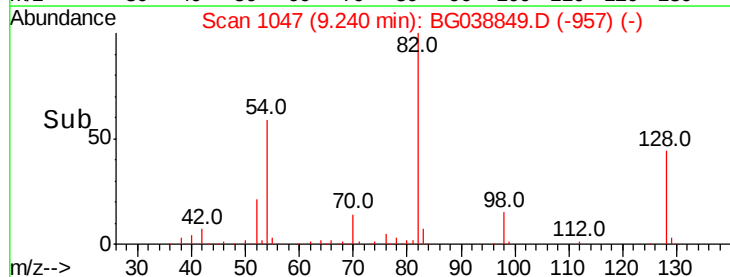


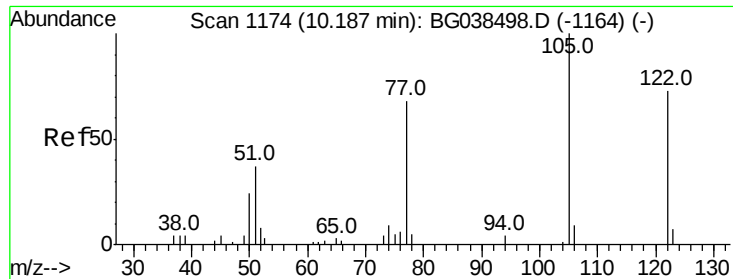
#23
Nitrobenzene-d5
Concen: 96.527 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038849.D
Acq: 27 Dec 2018 18:40

Tgt Ion:	82	Resp:	180693
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	52.0
54	59.0	50.6	76.0



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

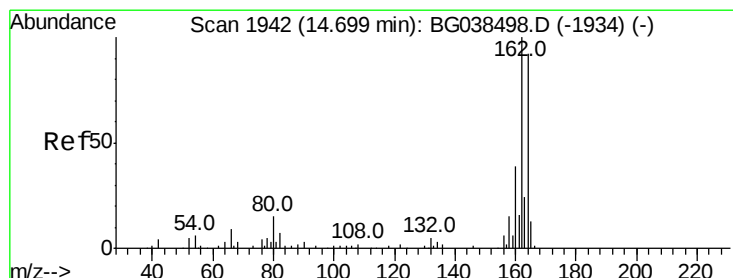
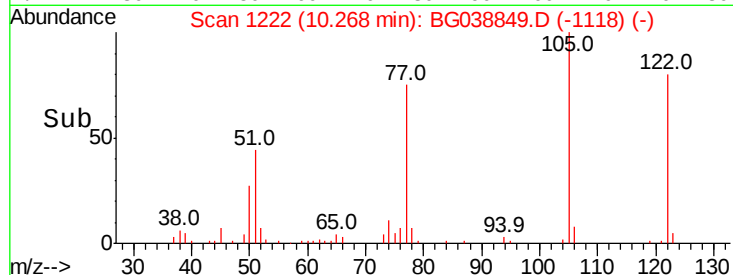
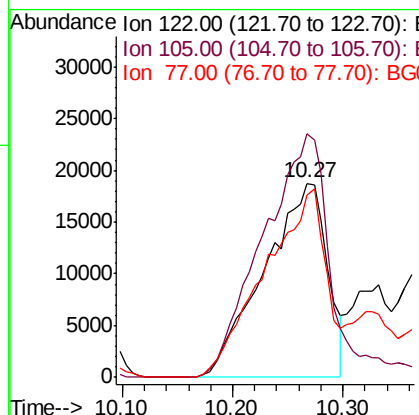
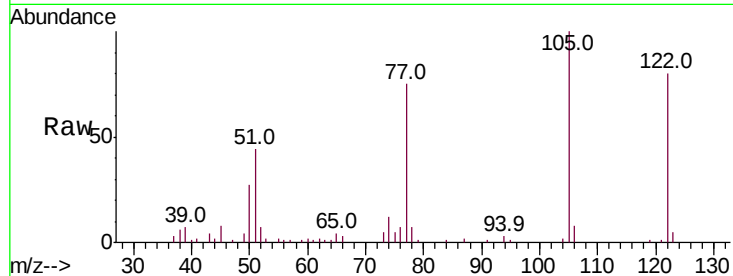




#32
 Benzoic acid
 Concen: 76.288 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. 0.08 min
 Lab File: BG038849.D
 Acq: 27 Dec 2018 18:40

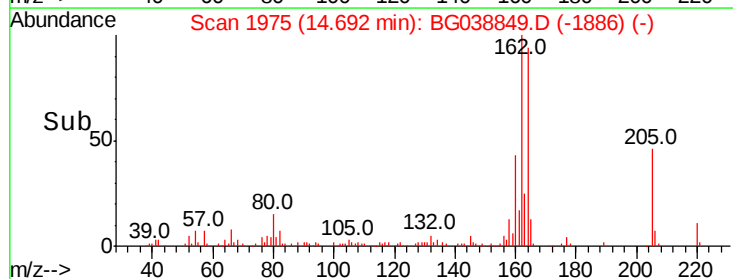
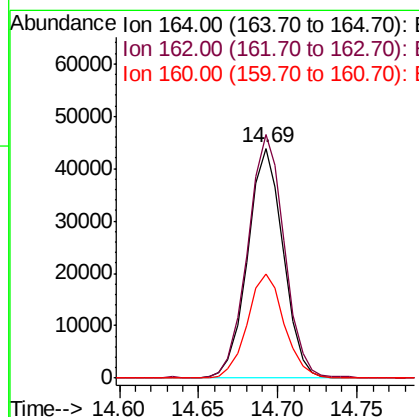
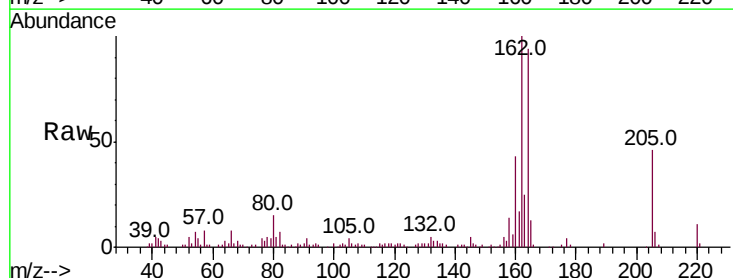
Instrument :
 BNA_G
 ClientSampleId :
 COMP-3

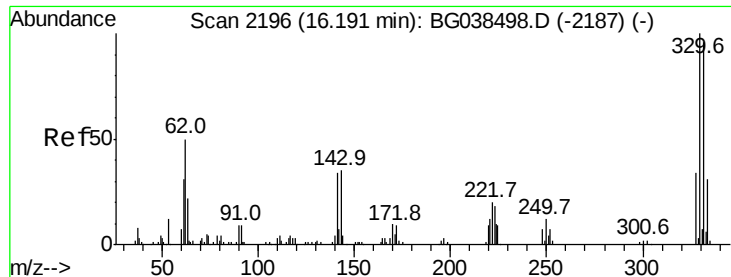
Tot Ion:	122	Resp:	74015
Ion	Ratio	Lower	Upper
122	100		
105	125.4	116.7	156.7
77	93.8	72.5	112.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038849.D
 Acq: 27 Dec 2018 18:40

Tgt Ion:	164	Resp:	68396
Ion	Ratio	Lower	Upper
164	100		
162	105.9	86.6	130.0
160	45.2	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 177.674 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

Instrument :

BNA_G

ClientSampled :

COMP-3

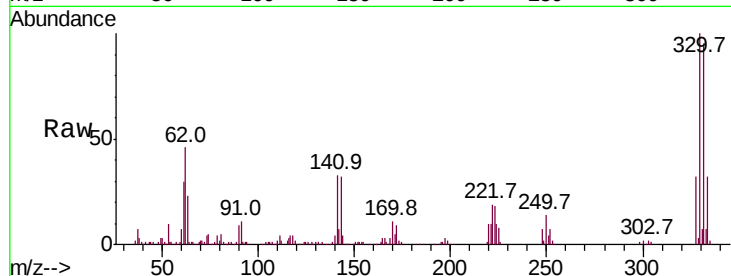
Tot Ion:330 Resp: 167479

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

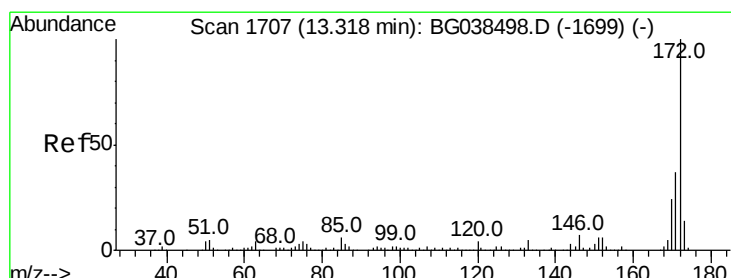
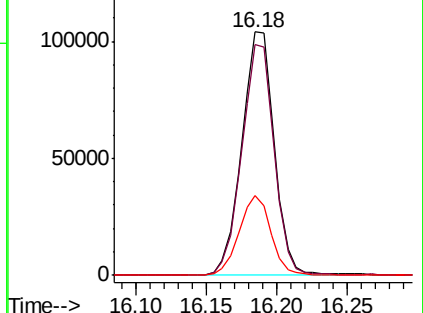
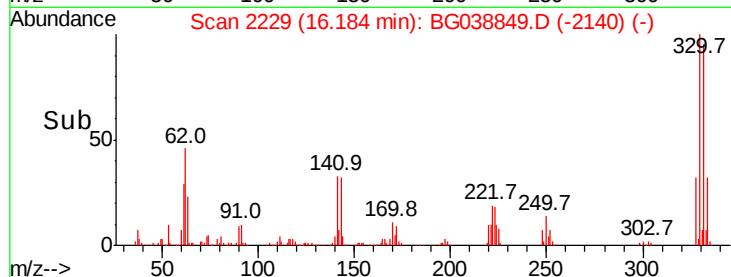
141 32.4 28.8 43.2



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



#45

2-Fluorobiphenyl

Concen: 99.686 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

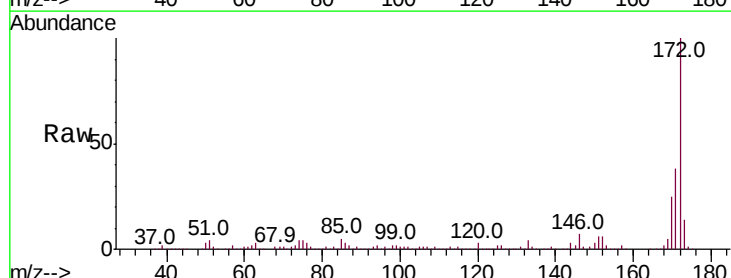
Tgt Ion:172 Resp: 497001

Ion Ratio Lower Upper

172 100

171 38.2 29.8 44.6

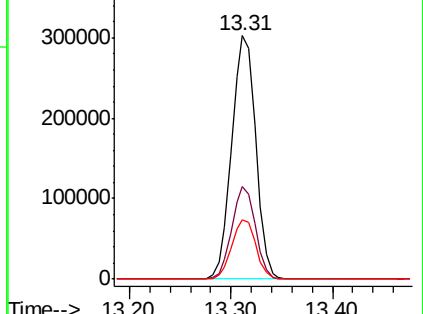
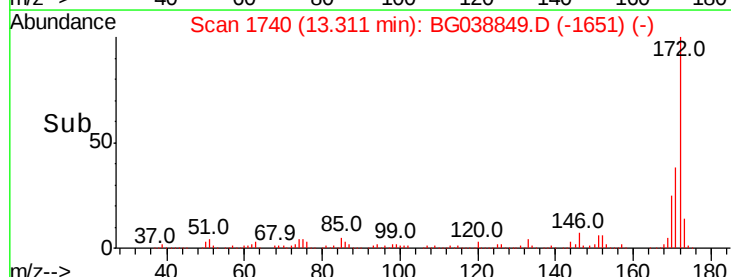
170 24.5 19.5 29.3

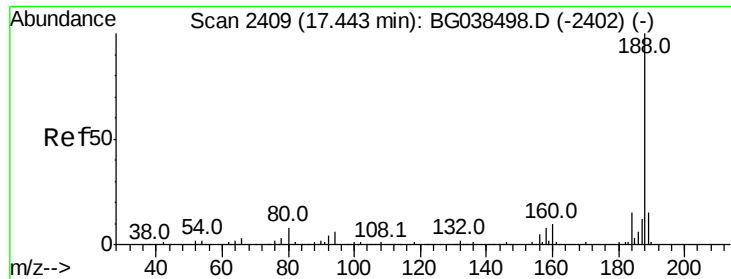


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

Instrument :

BNA_G

ClientSampled :

COMP-3

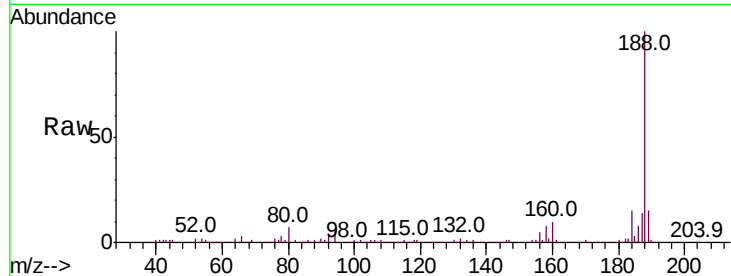
Tot Ion:188 Resp: 167637

Ion Ratio Lower Upper

188 100

94 6.4 5.1 7.7

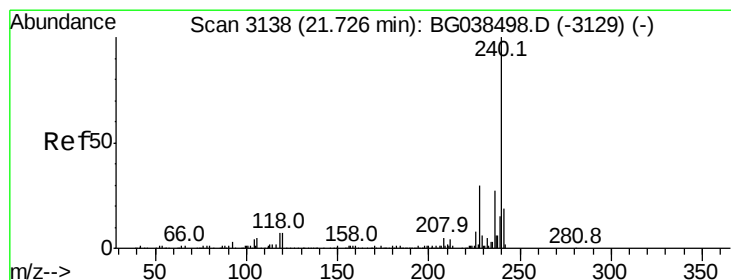
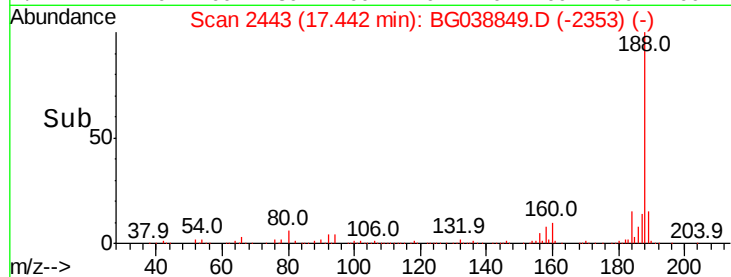
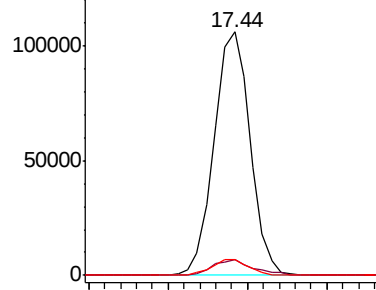
80 6.7 6.1 9.1



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

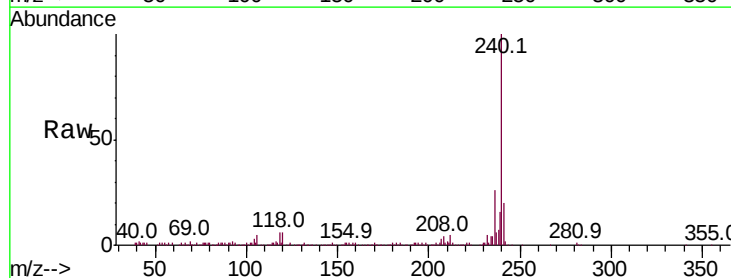
Tgt Ion:240 Resp: 174308

Ion Ratio Lower Upper

240 100

120 5.8 5.3 7.9

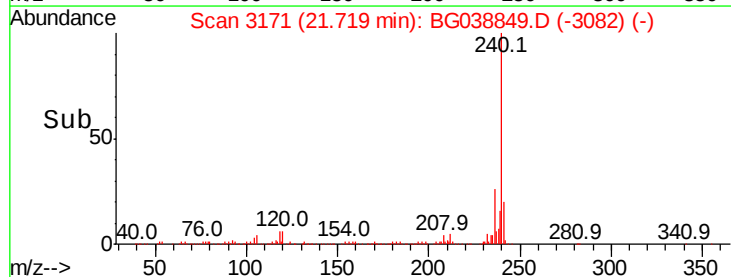
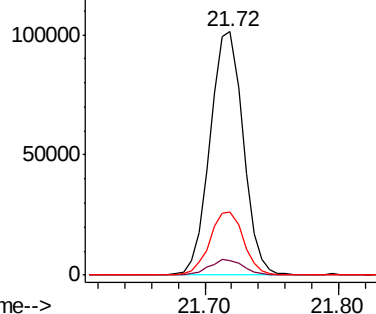
236 26.1 21.4 32.2

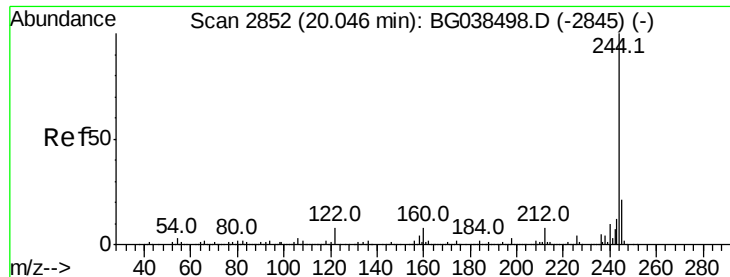


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.413 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

Instrument :

BNA_G

ClientSampleId :

COMP-3

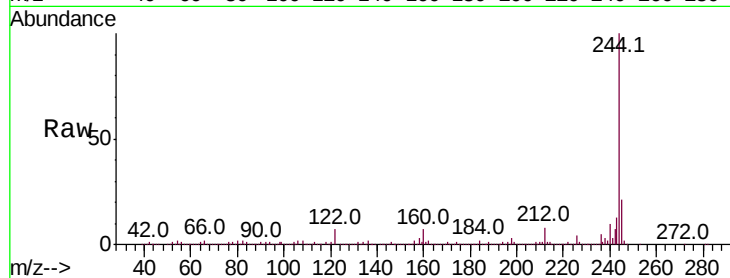
Tot Ion:244 Resp: 812245

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

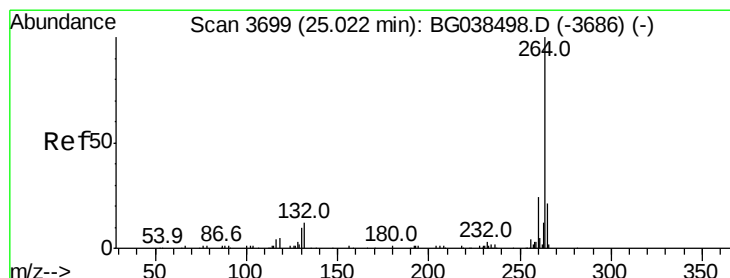
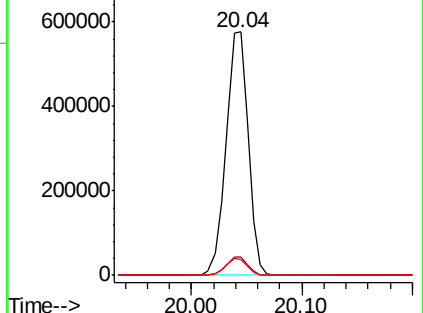
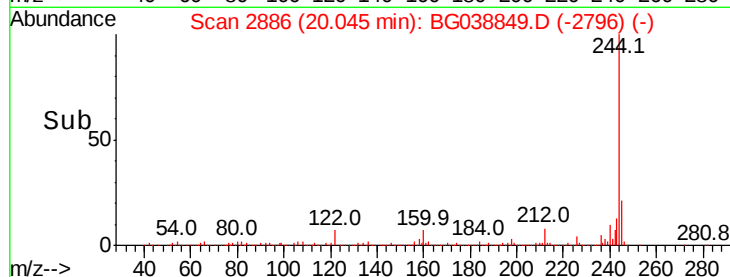
122 6.5 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038849.D

Acq: 27 Dec 2018 18:40

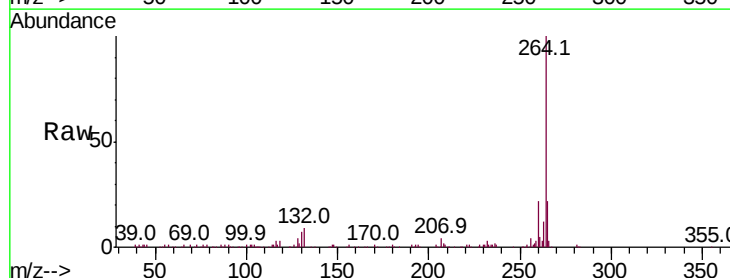
Tgt Ion:264 Resp: 188470

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 21.6 17.0 25.4



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

