

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038459.D
 Acq On : 11 Dec 2018 6:47
 Operator : JU/SJ
 Sample : J6300-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-266

Quant Time: Dec 11 07:32:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

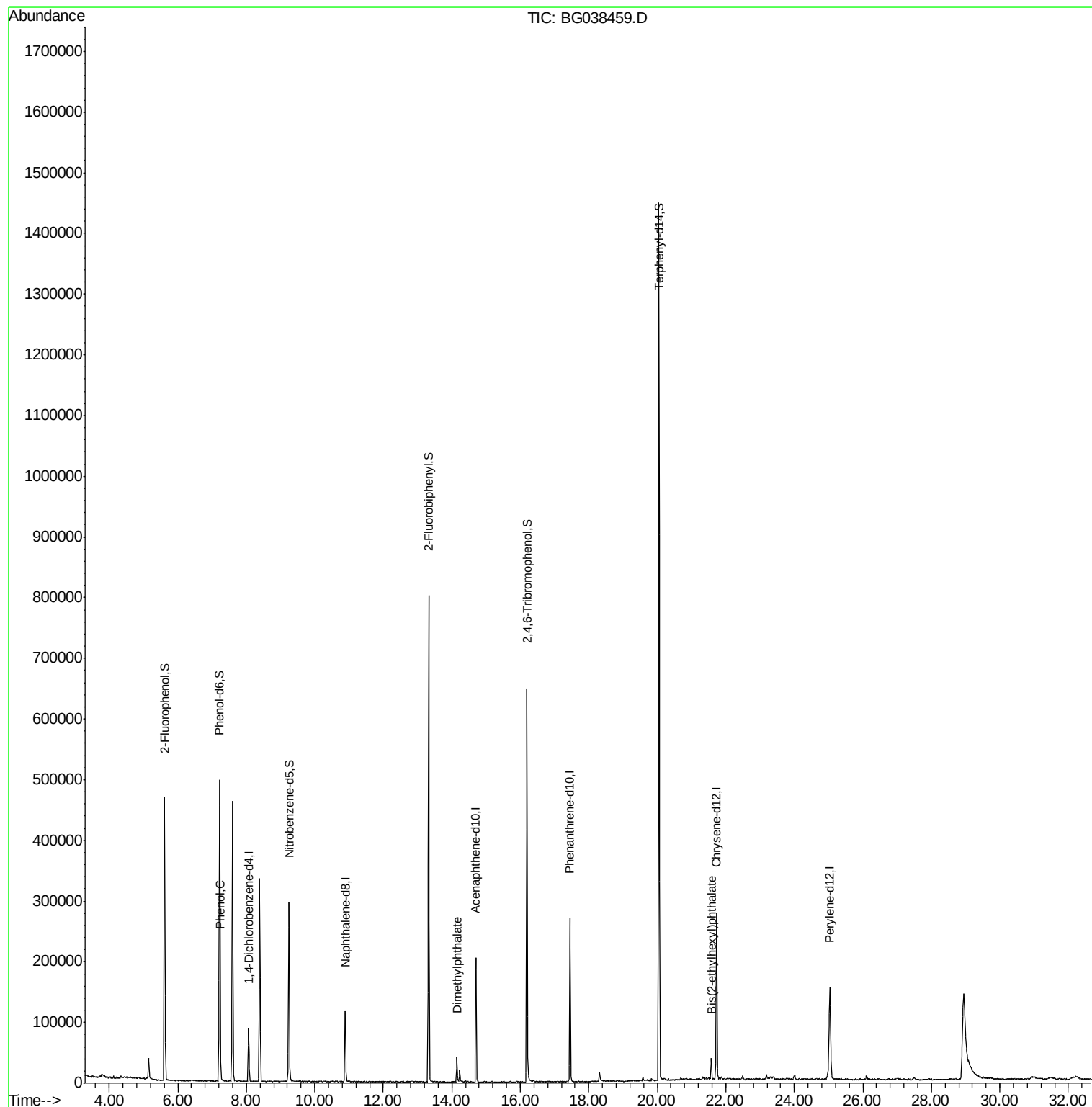
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25440	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	108911	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	73579	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	183651	20.00	ng	0.00
76) Chrysene-d12	21.73	240	176727	20.00	ng	-0.01
87) Perylene-d12	25.04	264	188071	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	209341	145.62	ng	0.00
7) Phenol-d6	7.22	99	282077	135.76	ng	0.00
23) Nitrobenzene-d5	9.24	82	182655	83.26	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	127197	140.82	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	442374	85.67	ng	0.00
79) Terphenyl-d14	20.06	244	736366	89.26	ng	0.00
Target Compounds						
10) Phenol	7.24	94	13884	6.324	ng	# 76
50) Dimethylphthalate	14.15	163	31024	5.257	ng	# 96
84) Bis(2-ethylhexyl)phthalate	21.58	149	14208	2.016	ng	# 98

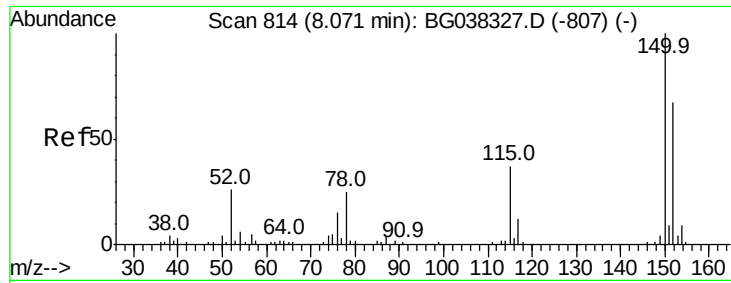
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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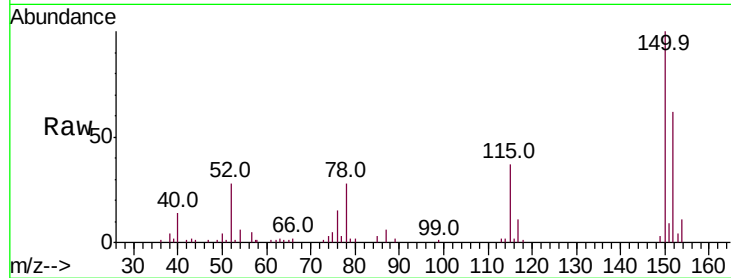


#1

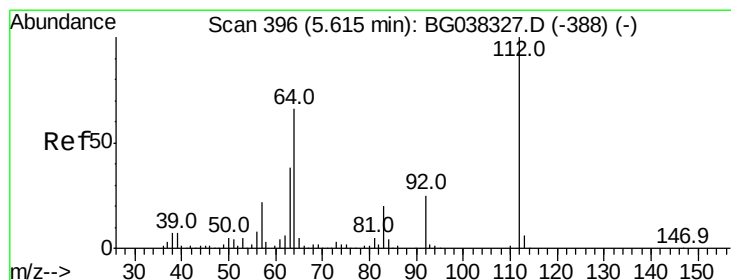
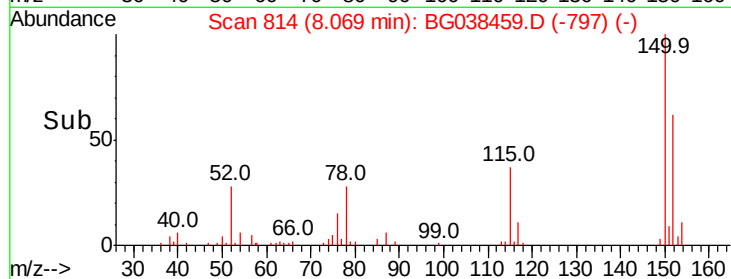
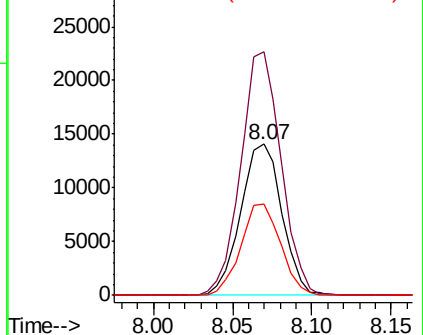
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038459.D
Acq: 11 Dec 2018 6:47

Instrument :
BNA_G
ClientSampleId :
CONCRETE-266

Tot Ion:152 Resp: 25440
Ion Ratio Lower Upper
152 100
150 161.0 126.0 189.0
115 60.0 45.5 68.3



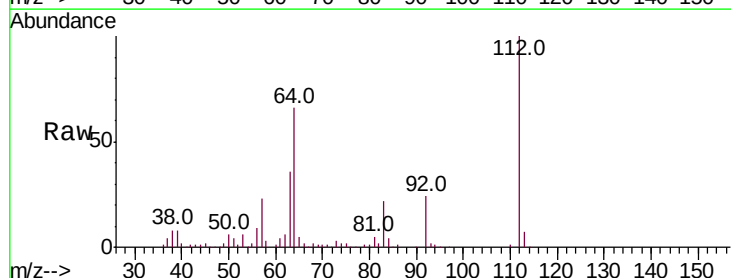
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



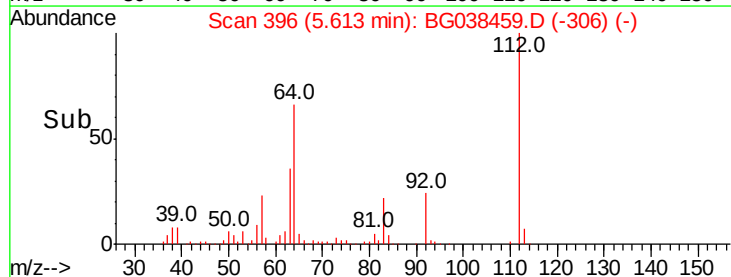
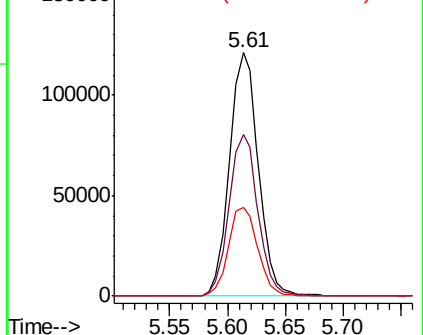
#5

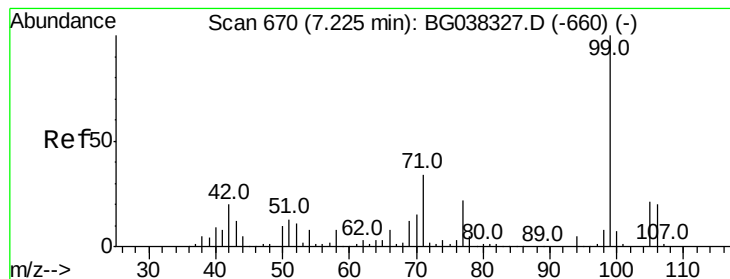
2-Fluorophenol
Concen: 145.621 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038459.D
Acq: 11 Dec 2018 6:47

Tgt Ion:112 Resp: 209341
Ion Ratio Lower Upper
112 100
64 66.5 53.1 79.7
63 36.4 27.3 40.9



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: 135.759 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038459.D

Acq: 11 Dec 2018 6:47

Instrument :

BNA_G

ClientSampleId :

CONCRETE-266

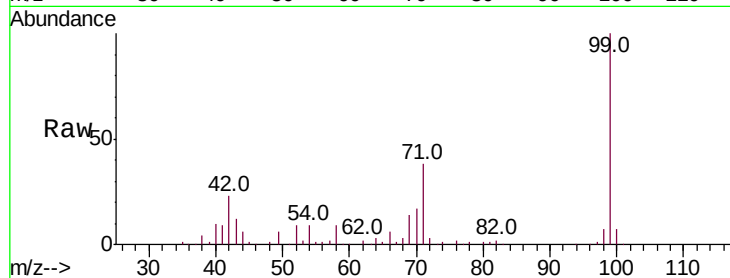
Tot Ion: 99 Resp: 282077

Ion Ratio Lower Upper

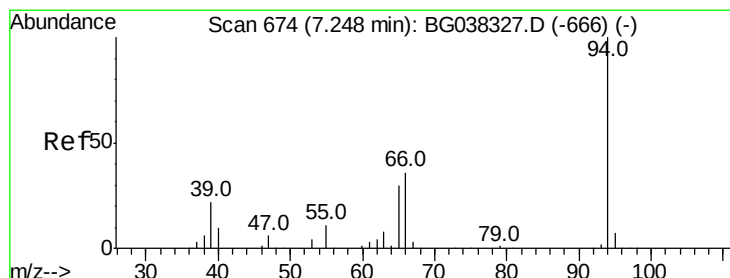
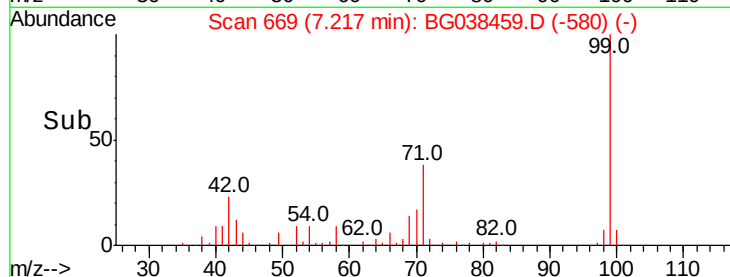
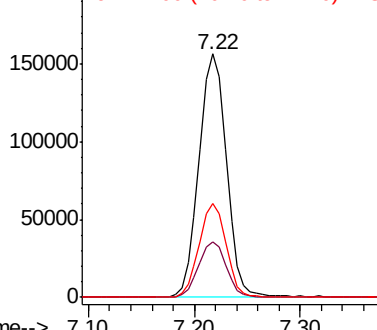
99 100

42 22.8 15.0 22.4#

71 38.4 25.5 38.3#



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: 6.324 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG038459.D

Acq: 11 Dec 2018 6:47

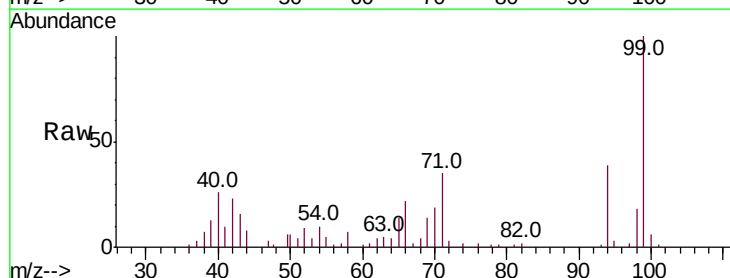
Tgt Ion: 94 Resp: 13884

Ion Ratio Lower Upper

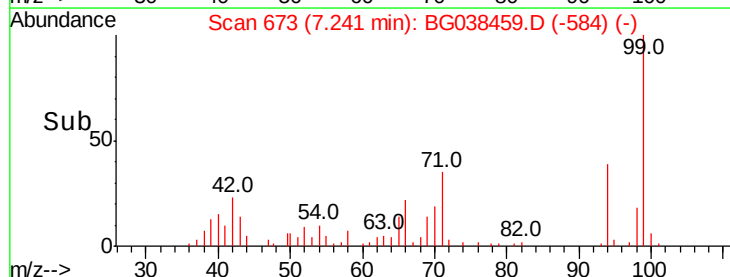
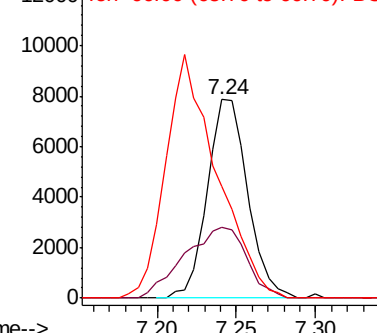
94 100

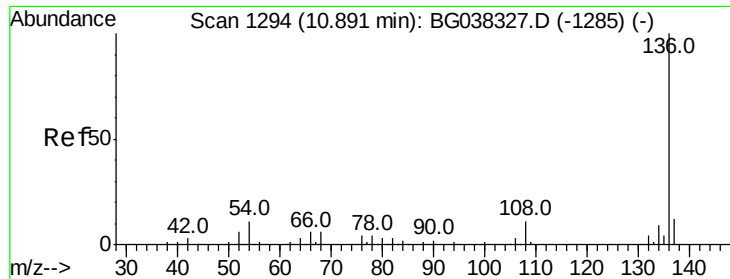
65 35.9 9.7 49.7

66 56.0 15.9 55.9#



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

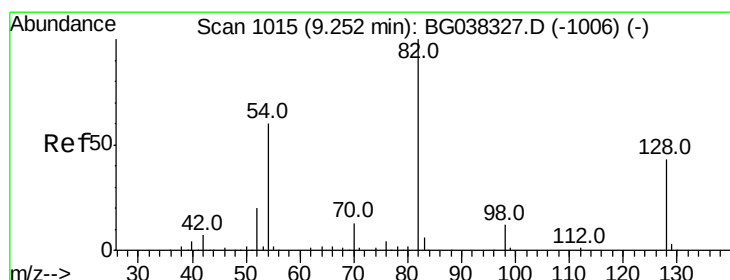
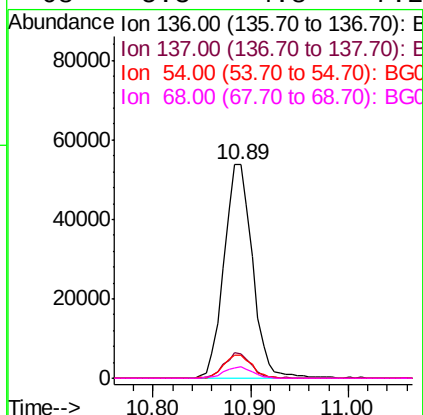
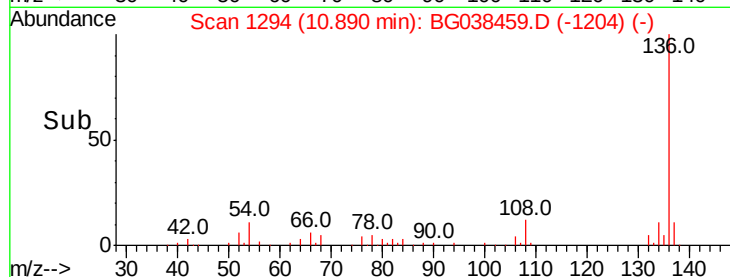
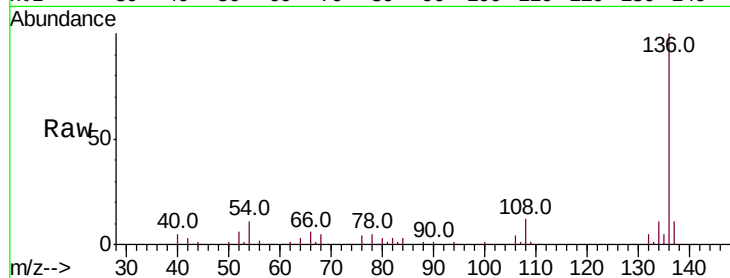




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038459.D
Acq: 11 Dec 2018 6:47

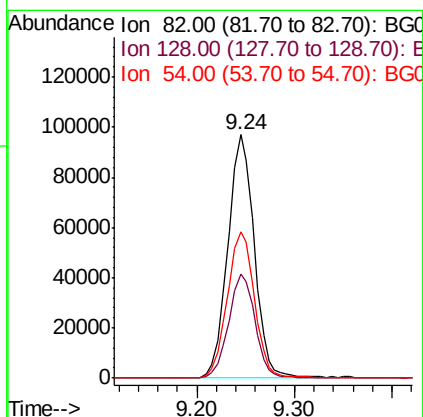
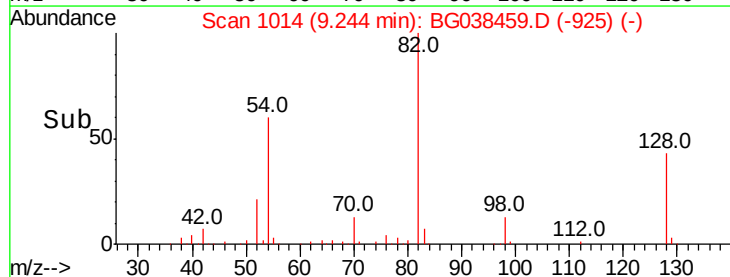
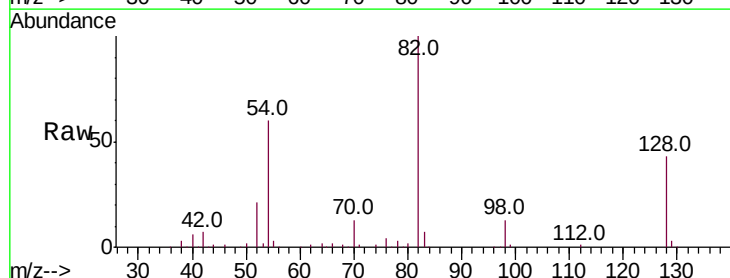
Instrument :
BNA_G
ClientSampleId :
CONCRETE-266

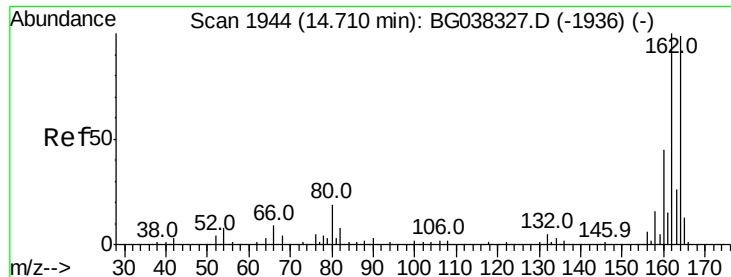
Tot Ion:	136	Resp:	108911
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	11.1	7.9	11.9
68	5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 83.265 ng
RT: 9.24 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038459.D
Acq: 11 Dec 2018 6:47

Tgt Ion:	82	Resp:	182655
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	59.9	45.3	67.9

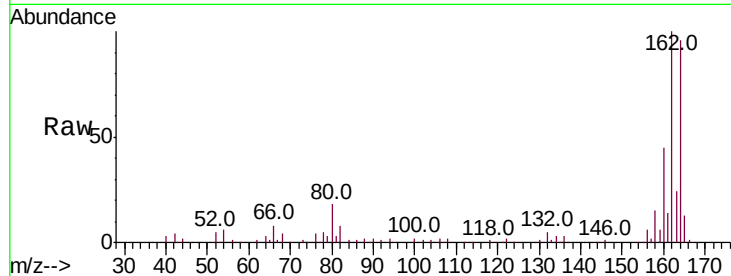




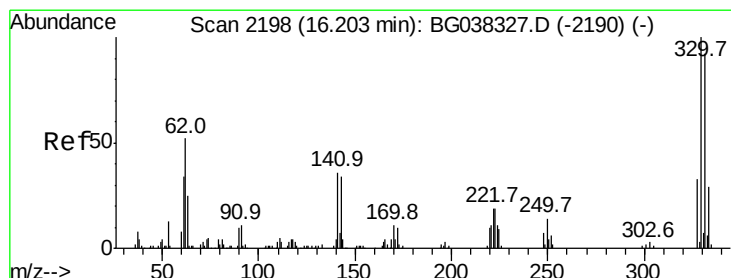
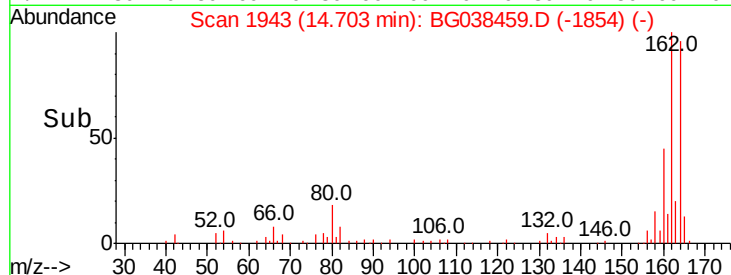
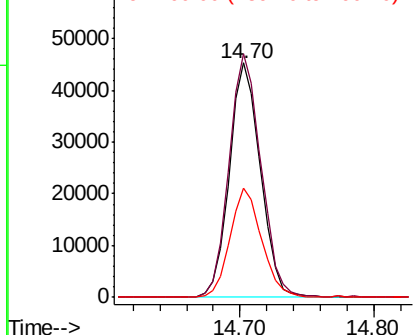
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BG038459.D
Acq: 11 Dec 2018 6:47

Instrument :
BNA_G
ClientSampleId :
CONCRETE-266

Tot Ion:164 Resp: 73579
Ion Ratio Lower Upper
164 100
162 103.9 81.3 121.9
160 46.8 36.3 54.5

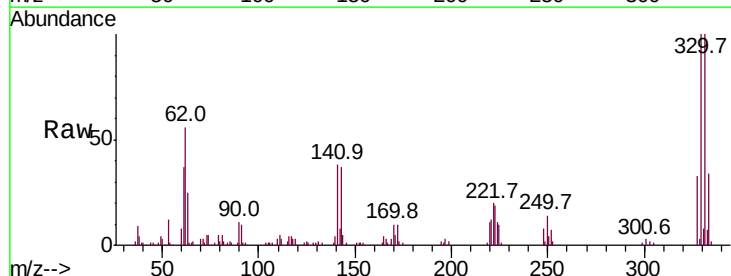


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

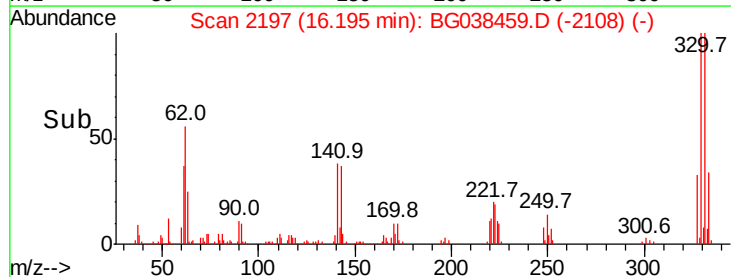
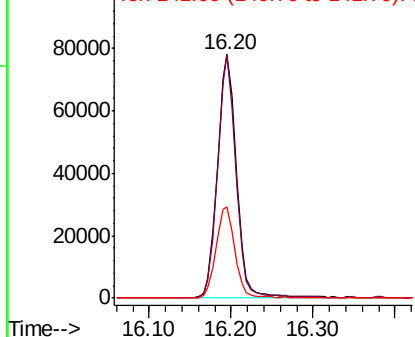


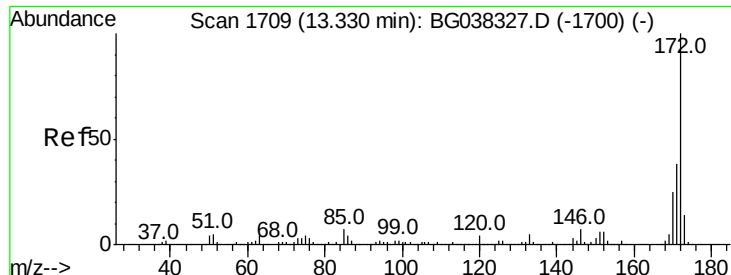
#42
2,4,6-Tribromophenol
Concen: 140.818 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038459.D
Acq: 11 Dec 2018 6:47

Tgt Ion:330 Resp: 127197
Ion Ratio Lower Upper
330 100
332 96.6 78.4 117.6
141 37.0 32.2 48.2



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

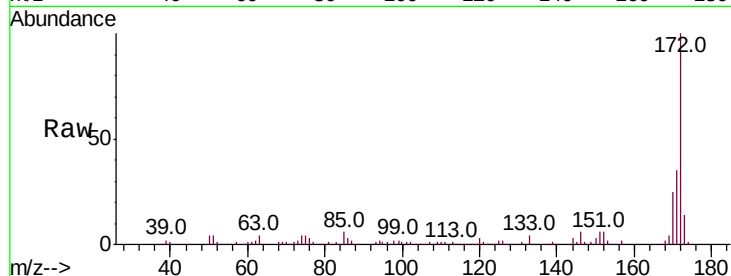




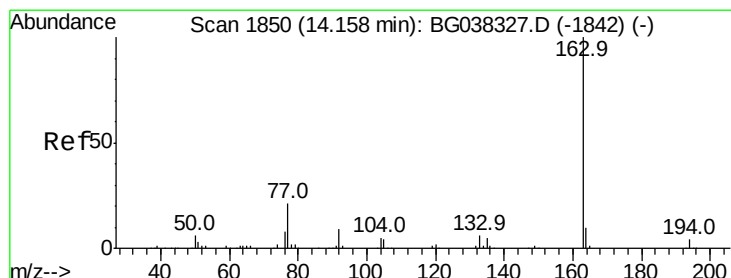
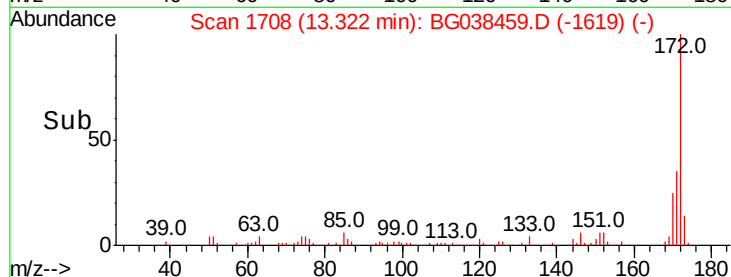
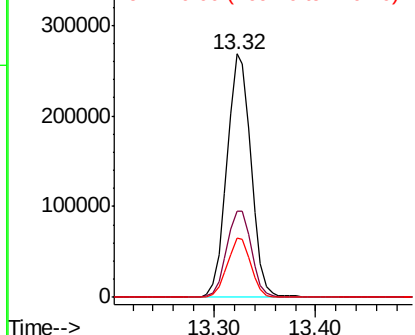
#45
2-Fluorobiphenyl
Concen: 85.669 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038459.D
Acq: 11 Dec 2018 6:47

Instrument :
BNA_G
ClientSampleId :
CONCRETE-266

Tot Ion:172 Resp: 442374
Ion Ratio Lower Upper
172 100
171 35.4 31.0 46.4
170 24.6 20.2 30.2

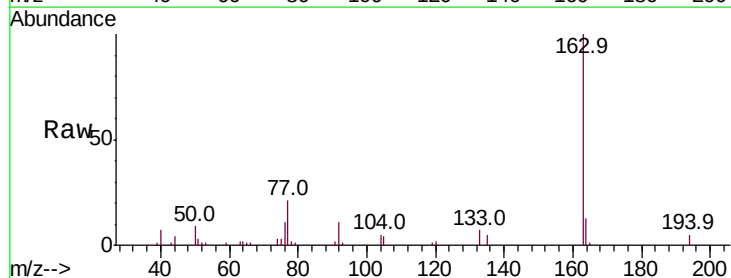


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

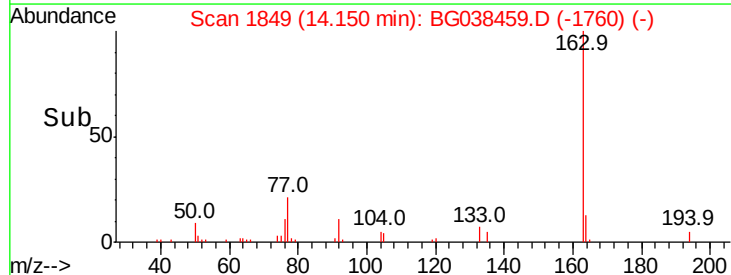
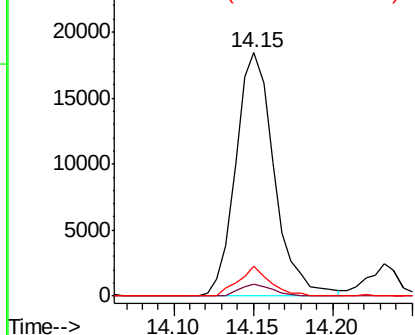


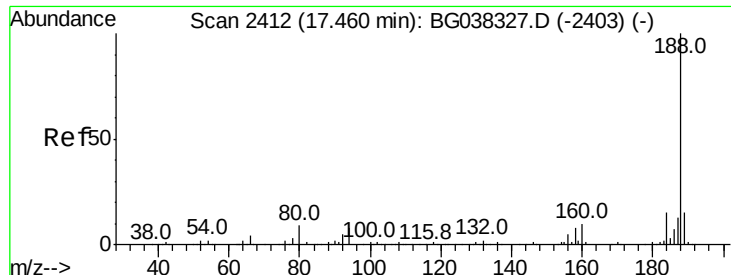
#50
Dimethylphthalate
Concen: 5.257 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BG038459.D
Acq: 11 Dec 2018 6:47

Tgt Ion:163 Resp: 31024
Ion Ratio Lower Upper
163 100
194 4.9 3.5 5.3
164 12.5 8.5 12.7



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

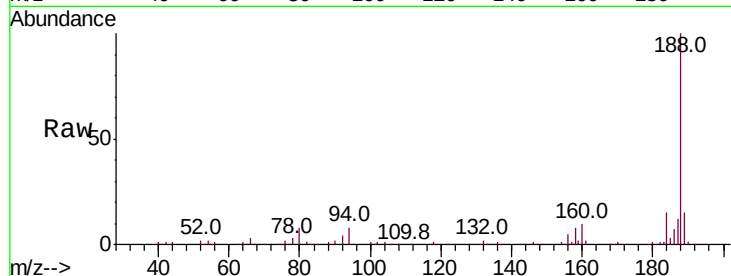




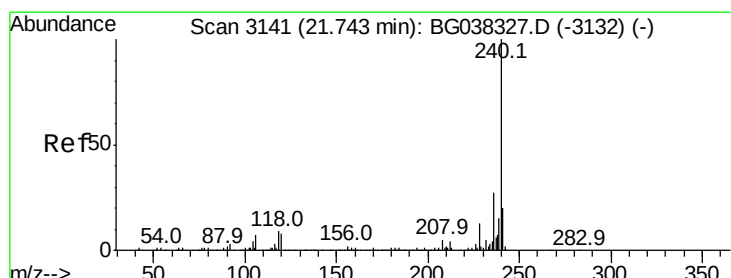
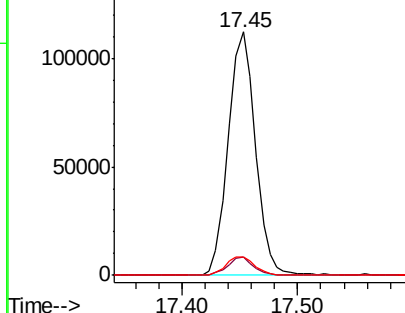
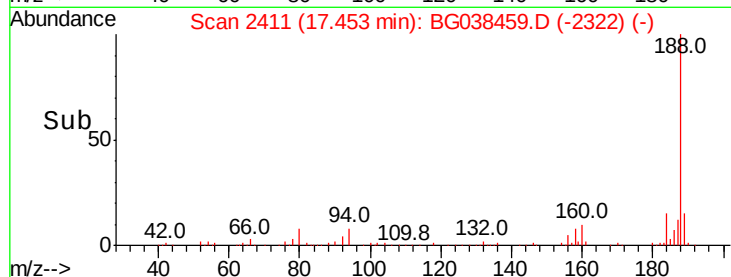
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038459.D
Acq: 11 Dec 2018 6:47

Instrument :
BNA_G
ClientSampleId :
CONCRETE-266

Tot Ion:188 Resp: 183651
Ion Ratio Lower Upper
188 100
94 7.6 7.2 10.8
80 7.7 7.7 11.5

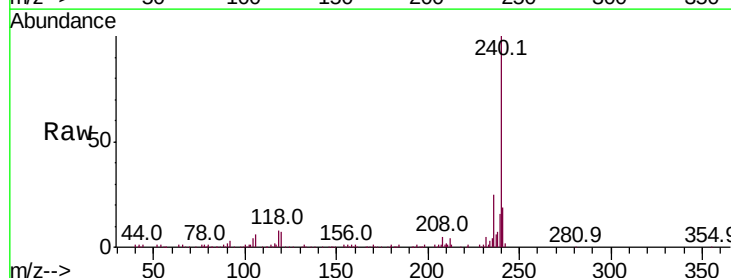


Abundance Ion 188.00 (187.70 to 188.70): E
150000 Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

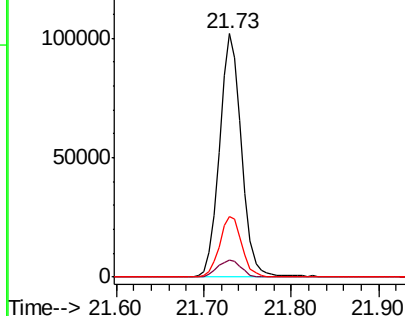
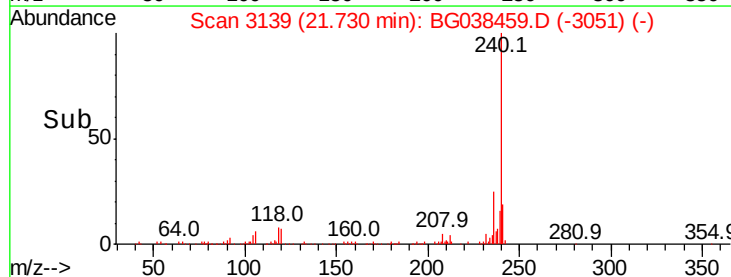


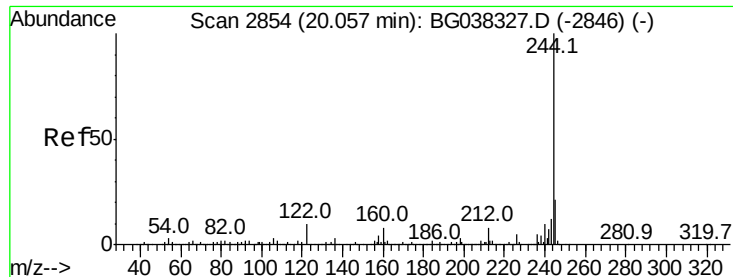
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG038459.D
Acq: 11 Dec 2018 6:47

Tgt Ion:240 Resp: 176727
Ion Ratio Lower Upper
240 100
120 7.2 8.1 12.1#
236 25.1 21.4 32.0



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: 89.261 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038459.D

Acq: 11 Dec 2018 6:47

Instrument :

BNA_G

ClientSampleId :

CONCRETE-266

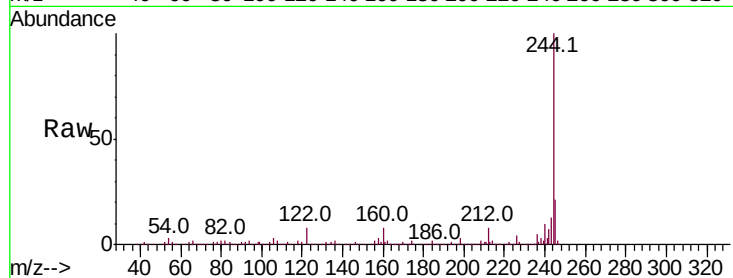
Tot Ion:244 Resp: 736366

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

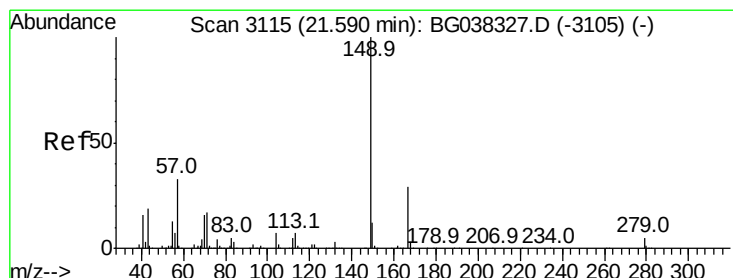
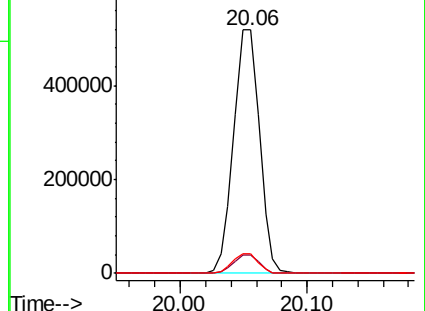
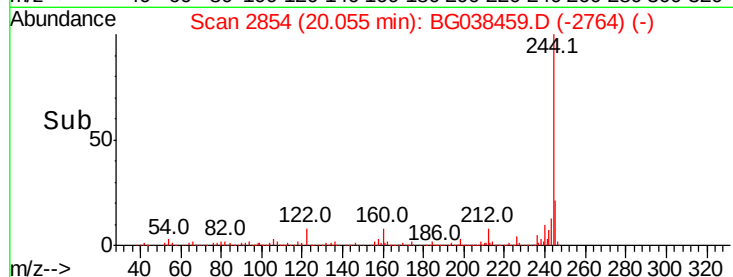
122 7.9 9.0 13.4#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.016 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG038459.D

Acq: 11 Dec 2018 6:47

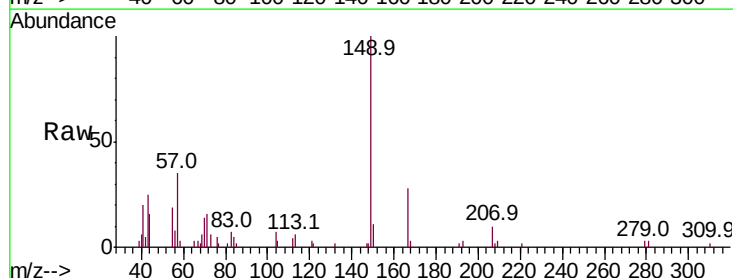
Tgt Ion:149 Resp: 14208

Ion Ratio Lower Upper

149 100

167 27.9 23.0 34.4

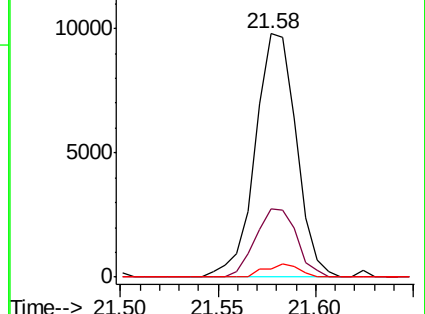
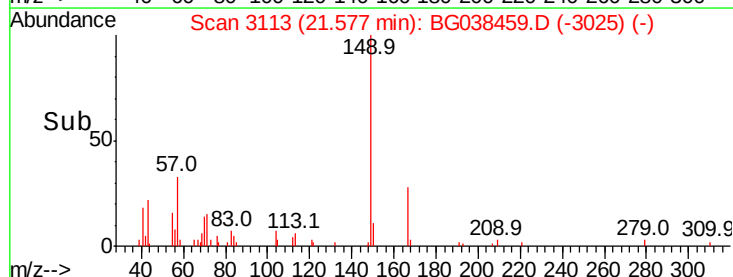
279 3.4 3.6 5.4#

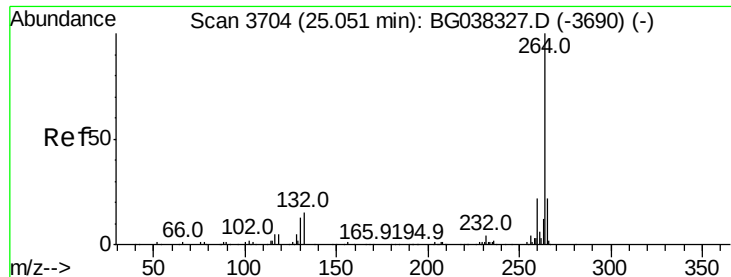


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038459.D
Acq: 11 Dec 2018 6:47

Instrument :
BNA_G
ClientSampleId :
CONCRETE-266

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.2	27.4
265	20.9	17.9	26.9

