

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062818\
 Data File : BG035494.D
 Acq On : 29 Jun 2018 1:27
 Operator : JU/SJ
 Sample : J3677-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WASTE-CHARACTERIZATION-COM

Quant Time: Jun 29 04:26:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36122	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	132956	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	92873	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	240745	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	254898	20.00	ng	-0.04
86) Perylene-d12	24.90	264	208248	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	301941	141.07	ng	-0.01
7) Phenol-d6	7.22	99	395537	125.20	ng	0.00
23) Nitrobenzene-d5	9.21	82	324605	116.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	166718	140.23	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	729700	102.14	ng	-0.03
78) Terphenyl-d14	20.02	244	1300633	106.88	ng	-0.02

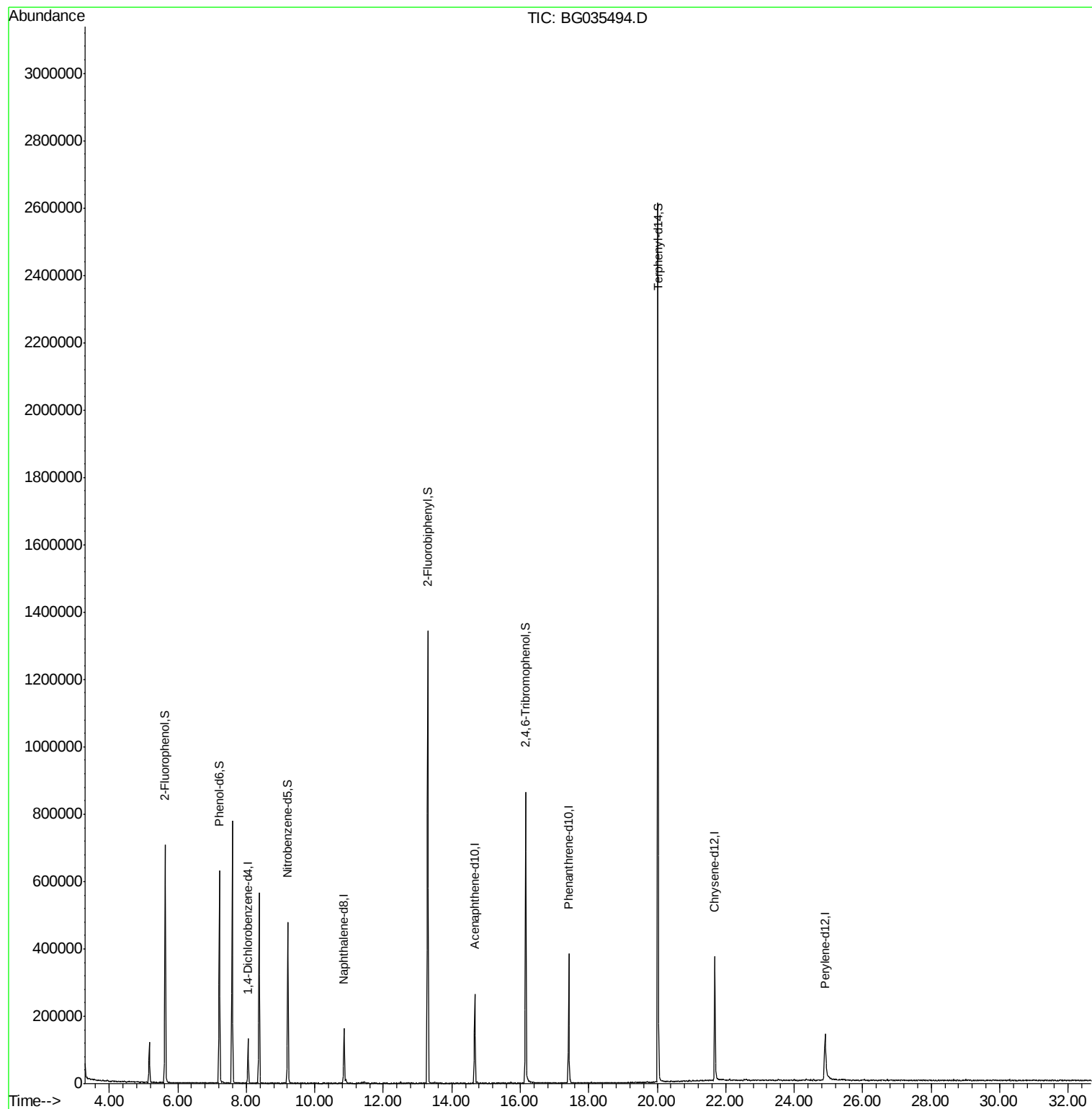
Target Compounds Qvalue

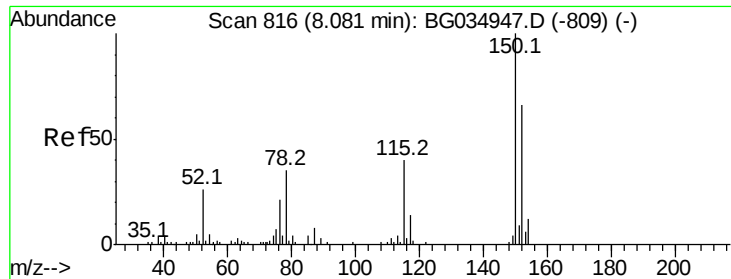
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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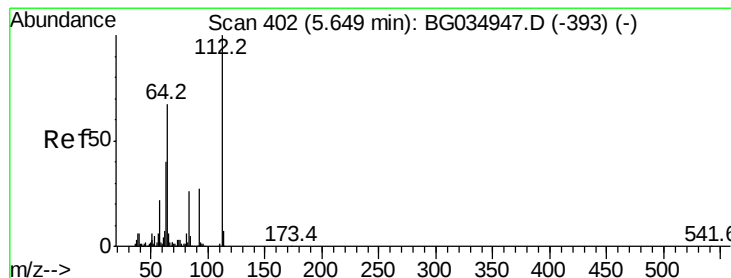
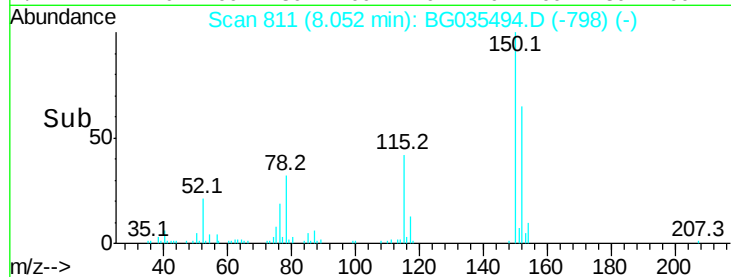
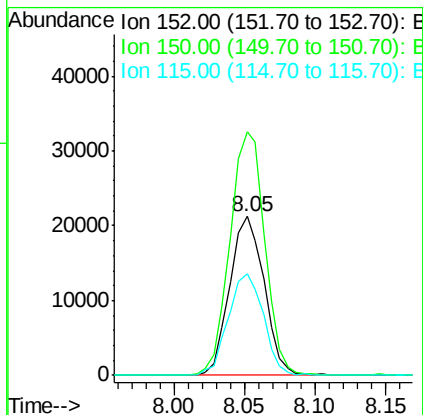
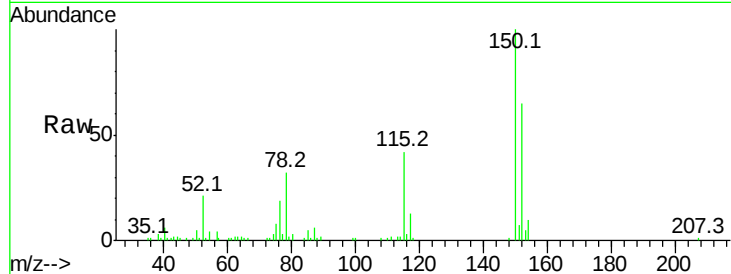


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035494.D
 Acq: 29 Jun 2018 1:27

Instrument :
 BNA_G
 ClientSampleId :
 WASTE-CHARACTERIZATION-COM

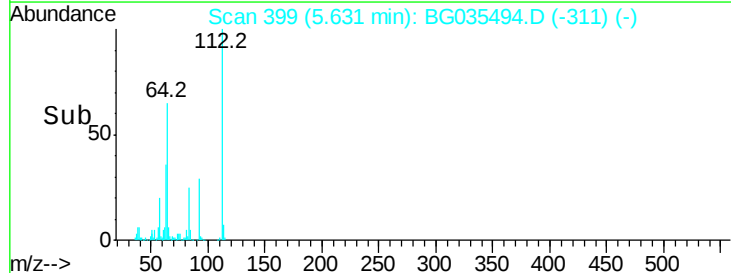
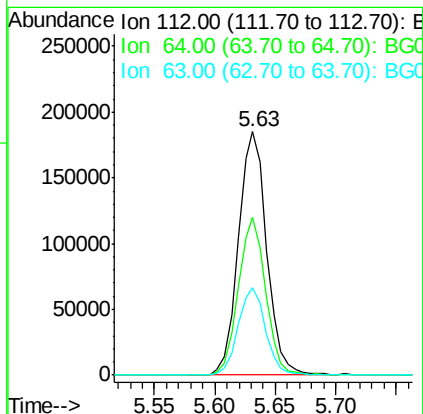
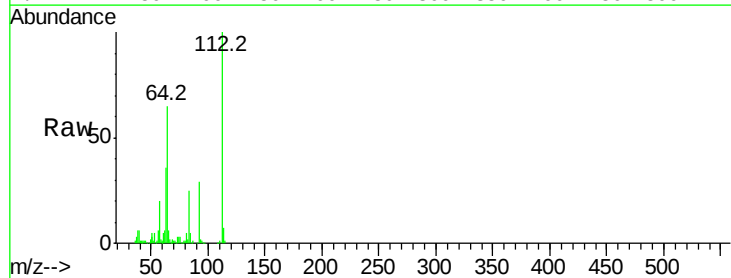
Tot Ion:152 Resp: 36122
 Ion Ratio Lower Upper
 152 100
 150 153.3 126.6 189.8
 115 64.3 53.0 79.4

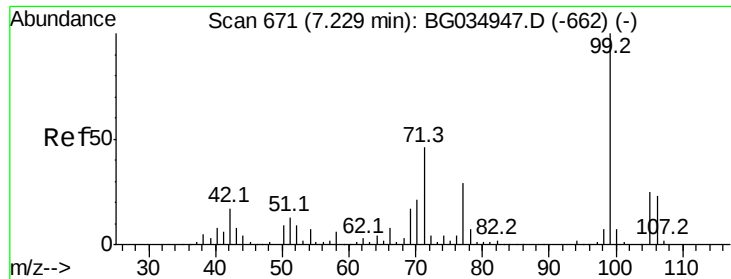


#5

2-Fluorophenol
 Concen: 141.066 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035494.D
 Acq: 29 Jun 2018 1:27

Tgt Ion:112 Resp: 301941
 Ion Ratio Lower Upper
 112 100
 64 65.0 56.3 84.5
 63 35.7 30.1 45.1





#7

Phenol-d6

Concen: 125.204 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035494.D

Acq: 29 Jun 2018 1:27

Instrument :

BNA_G

ClientSampleId :

WASTE-CHARACTERIZATION-COM

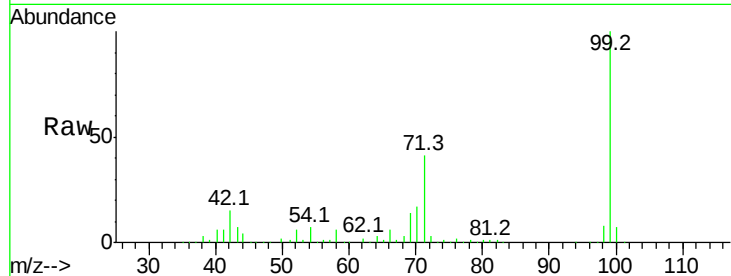
Tot Ion: 99 Resp: 395537

Ion Ratio Lower Upper

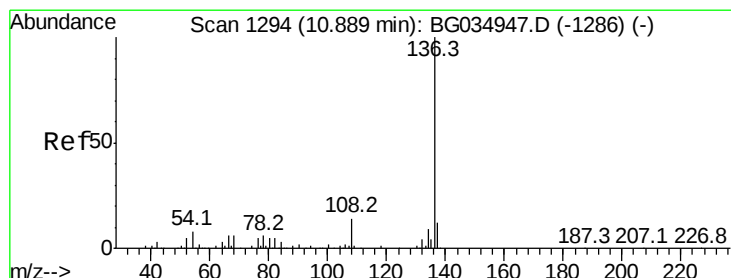
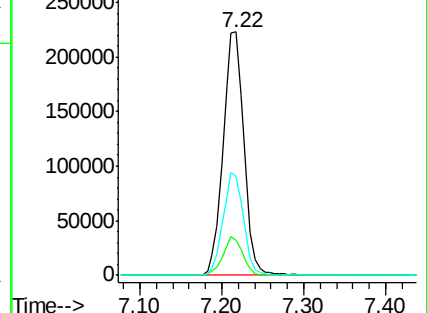
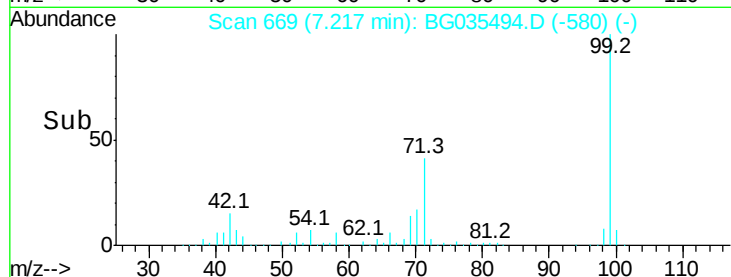
99 100

42 14.5 14.1 21.1

71 40.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035494.D

Acq: 29 Jun 2018 1:27

Tgt Ion: 136 Resp: 132956

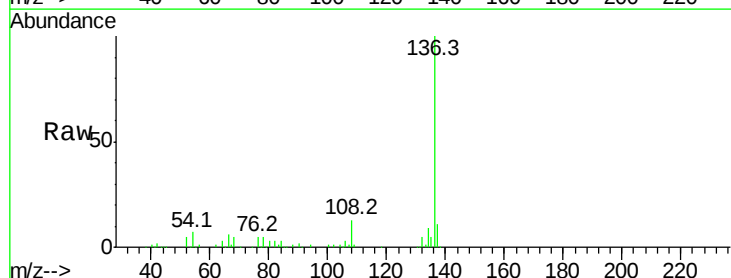
Ion Ratio Lower Upper

136 100

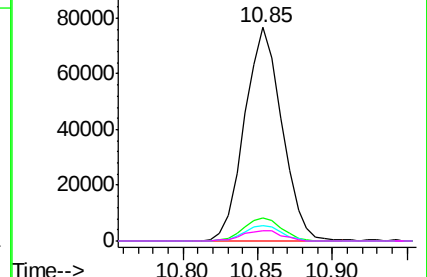
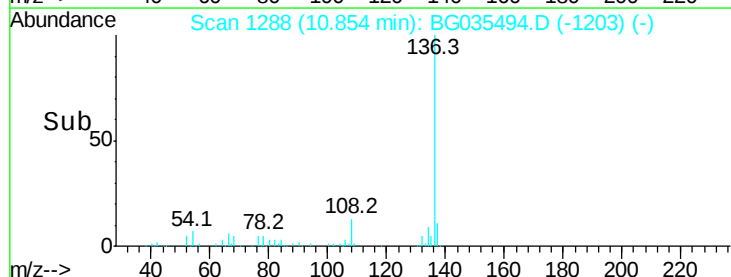
137 10.8 9.2 13.8

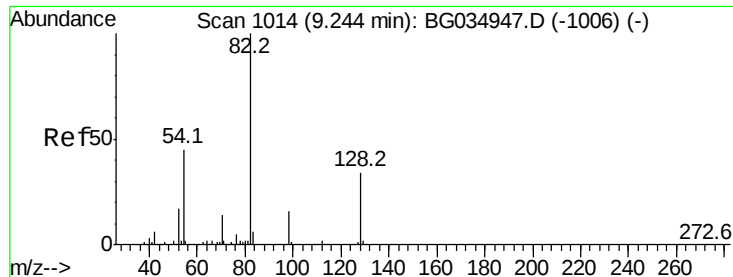
54 7.2 10.3 15.5#

68 4.9 4.5 6.7



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





#23

Nitrobenzene-d5

Concen: 116.053 ng

RT: 9.21 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035494.D

Acq: 29 Jun 2018 1:27

Instrument :

BNA_G

ClientSampleId :

WASTE-CHARACTERIZATION-COM

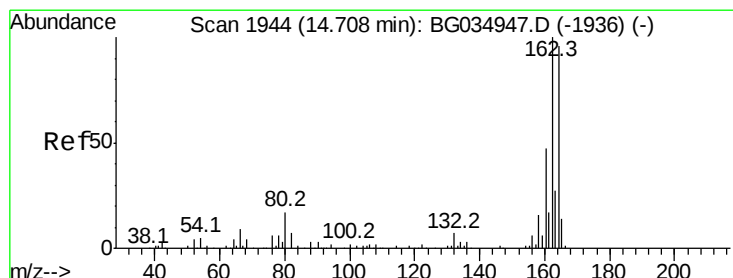
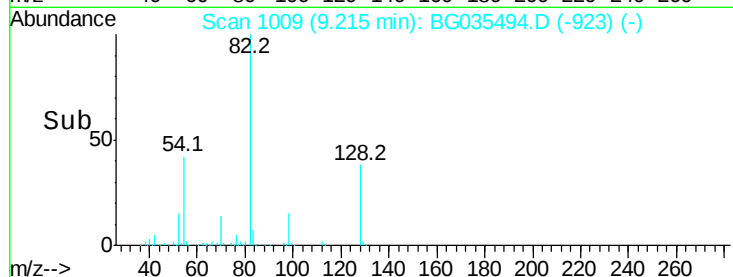
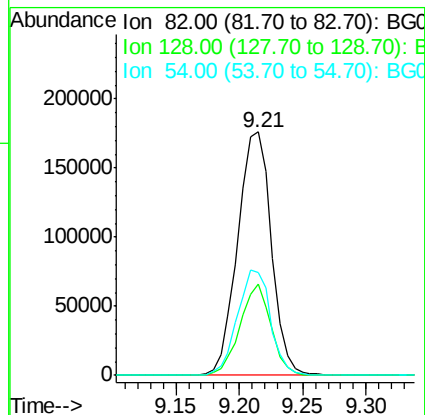
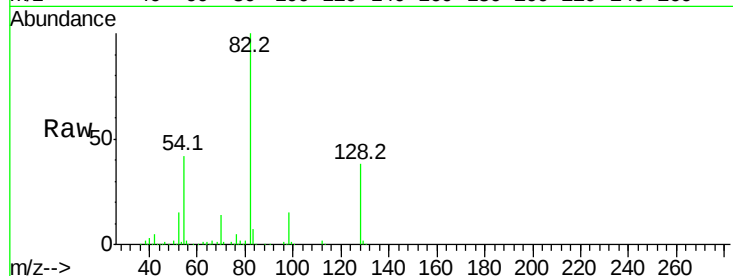
Tot Ion: 82 Resp: 324605

Ion Ratio Lower Upper

82 100

128 37.6 29.7 44.5

54 42.3 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035494.D

Acq: 29 Jun 2018 1:27

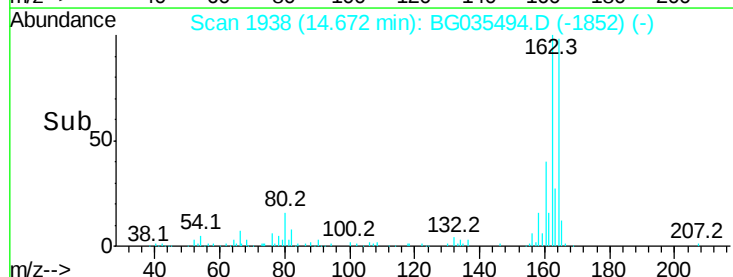
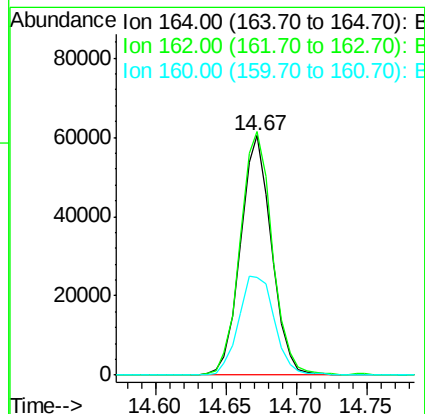
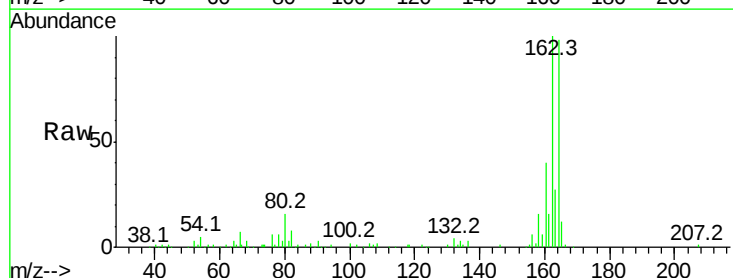
Tgt Ion:164 Resp: 92873

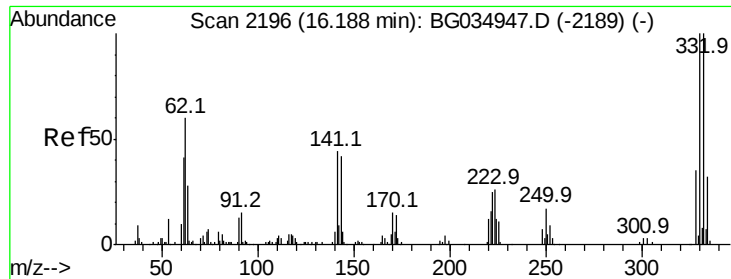
Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

160 40.6 35.4 53.0

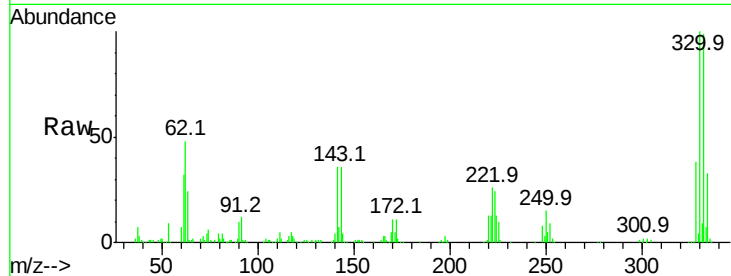




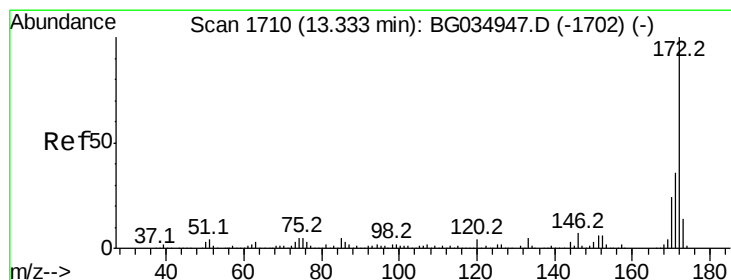
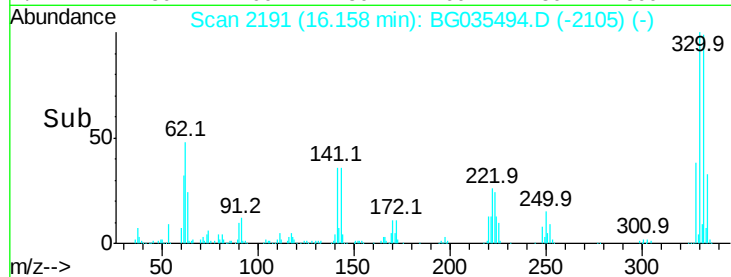
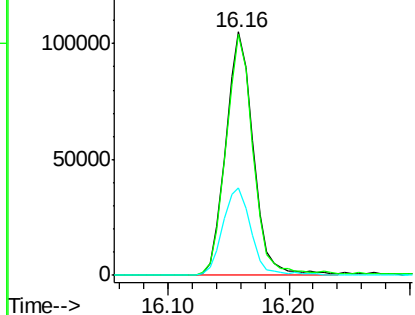
#41
 2,4,6-Tribromophenol
 Concen: 140.230 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035494.D
 Acq: 29 Jun 2018 1:27

Instrument :
 BNA_G
 ClientSampleId :
 WASTE-CHARACTERIZATION-COM

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	36.8	25.2	37.8

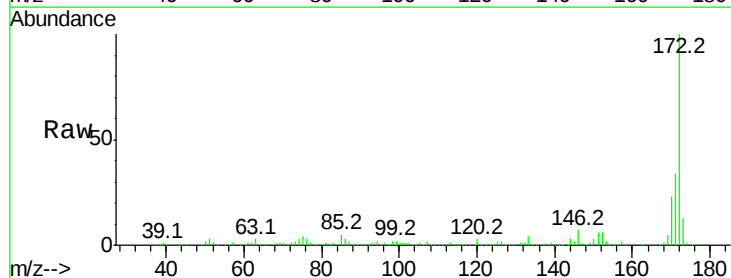


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

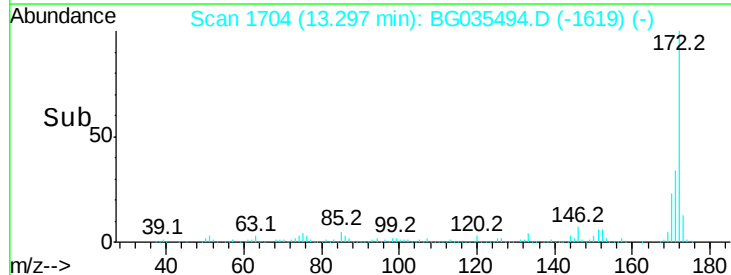
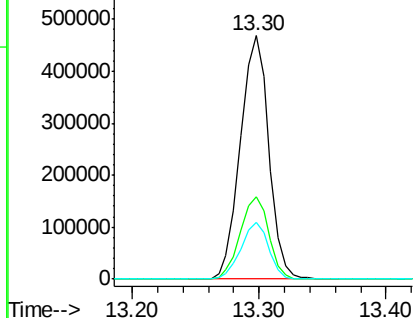


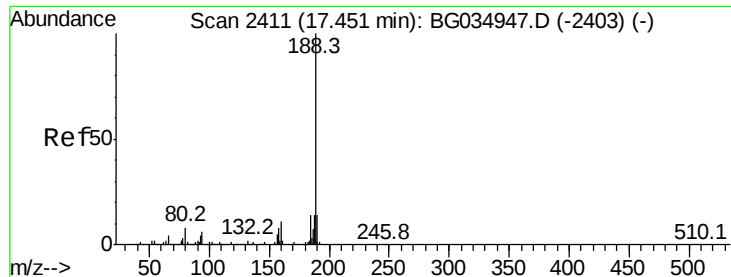
#44
 2-Fluorobiphenyl
 Concen: 102.140 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035494.D
 Acq: 29 Jun 2018 1:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.3	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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035494.D

Acq: 29 Jun 2018 1:27

Instrument :

BNA_G

ClientSampleId :

WASTE-CHARACTERIZATION-COM

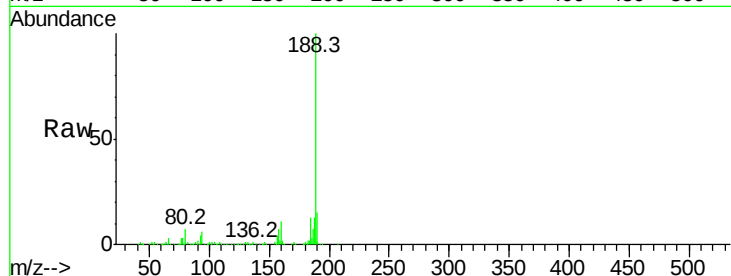
Tot Ion:188 Resp: 240745

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

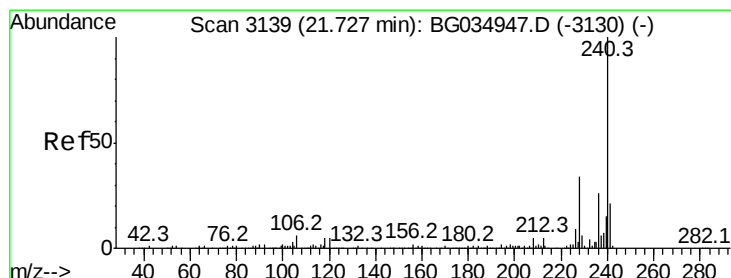
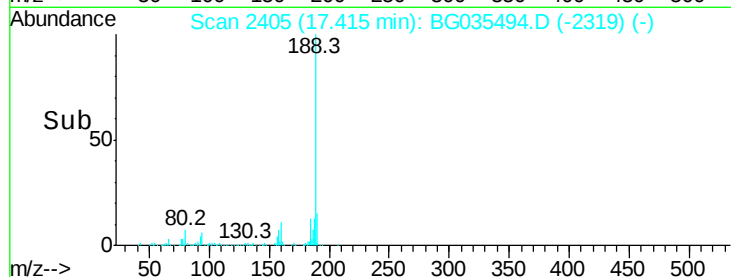
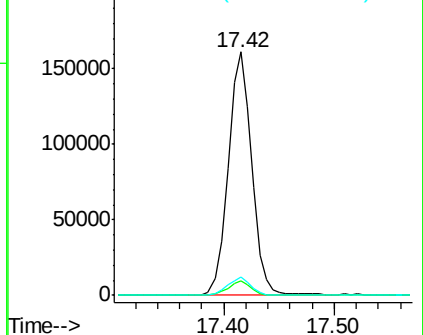
80 7.4 7.7 11.5#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035494.D

Acq: 29 Jun 2018 1:27

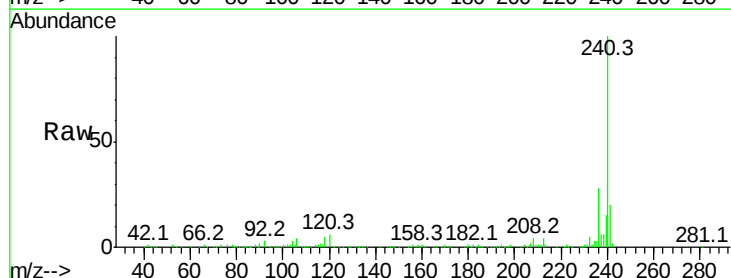
Tgt Ion:240 Resp: 254898

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

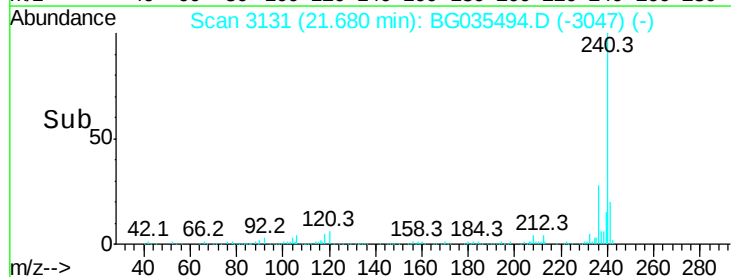
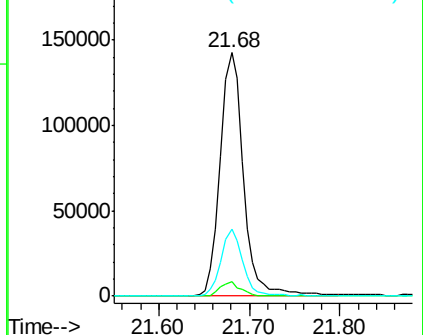
236 27.6 20.9 31.3

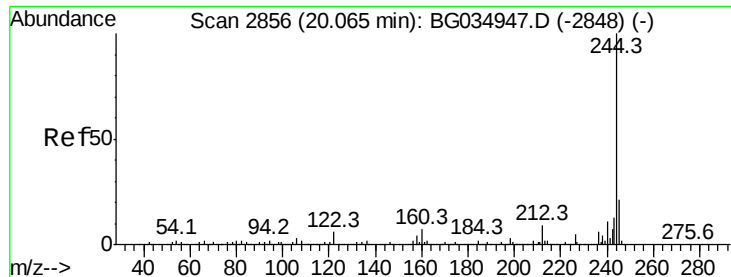


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.882 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035494.D

Acq: 29 Jun 2018 1:27

Instrument :

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ClientSampleId :

WASTE-CHARACTERIZATION-COM

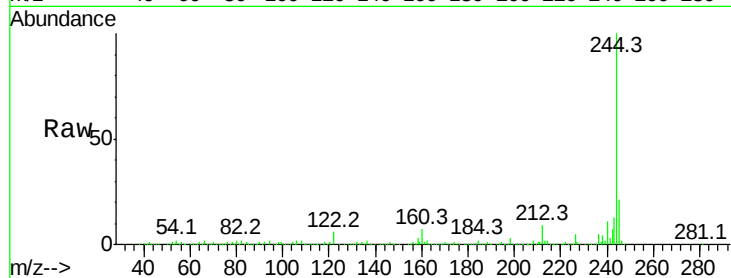
Tot Ion:244 Resp: 1300633

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

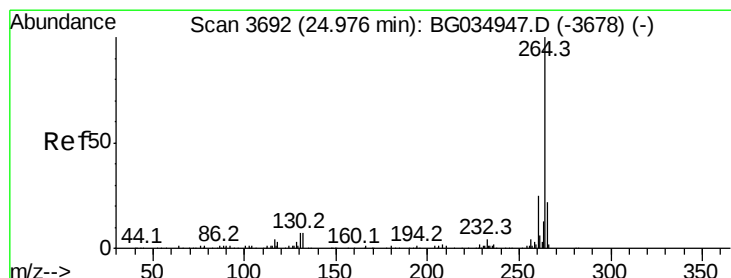
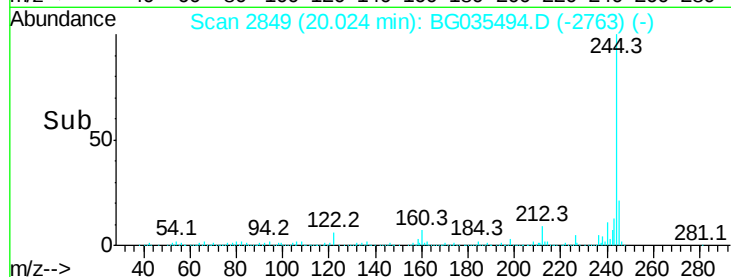
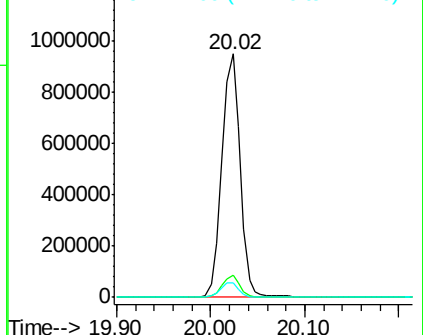
122 6.1 7.0 10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035494.D

Acq: 29 Jun 2018 1:27

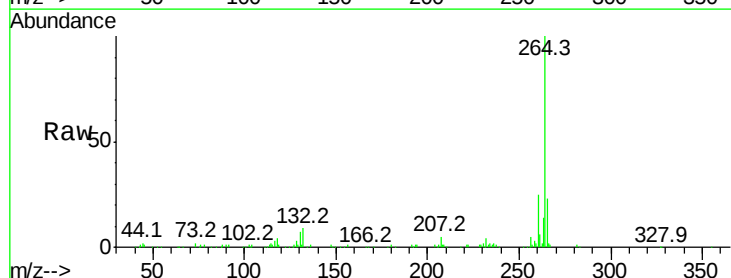
Tgt Ion:264 Resp: 208248

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 22.7 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

