

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031660.D
 Acq On : 19 Dec 2017 8:25
 Operator : SJ/JU
 Sample : I6957-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HALSTED-SW

Quant Time: Dec 19 09:55:18 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

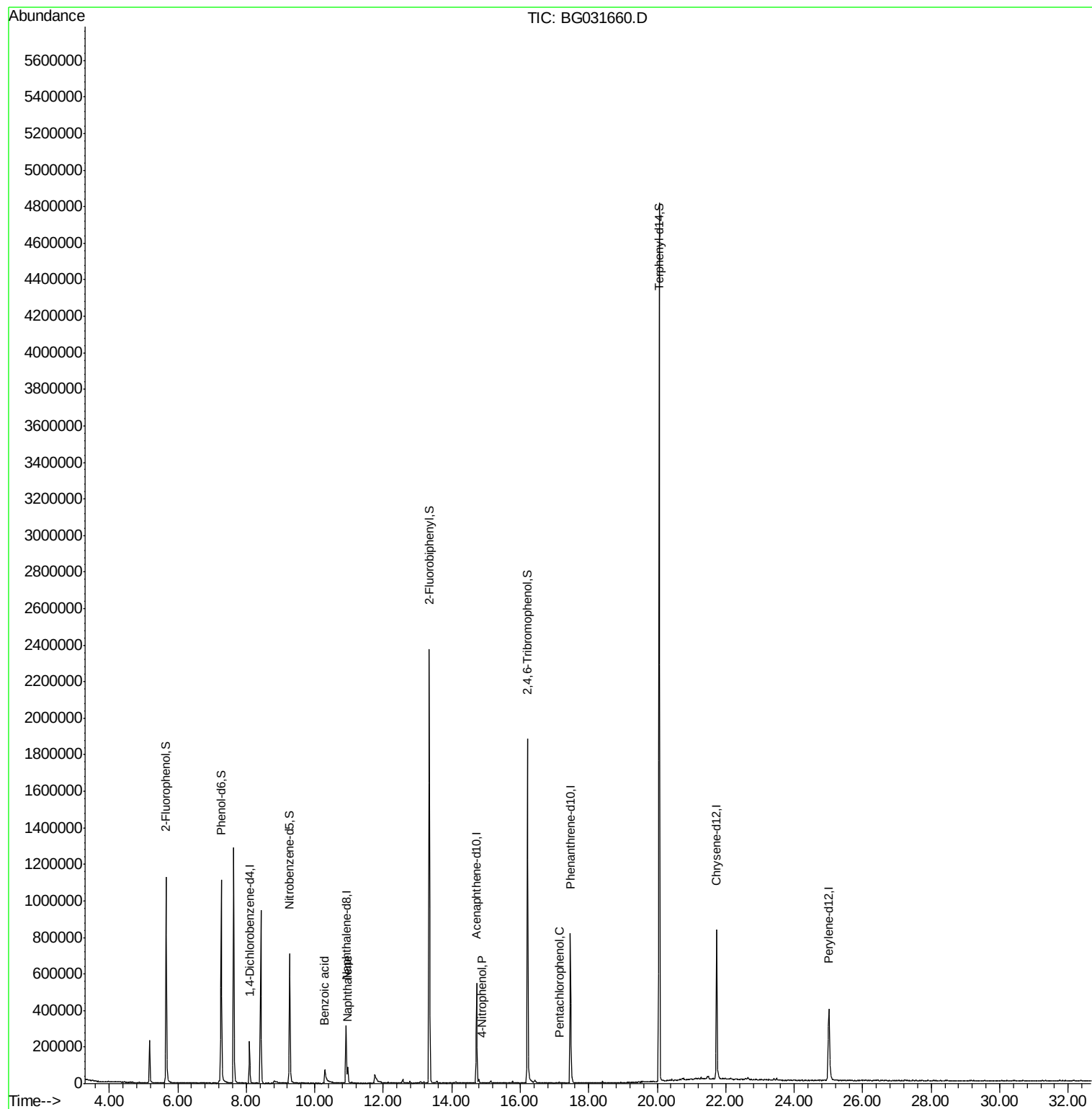
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	71687	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	311635	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	209890	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	548728	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	570521	20.00	ng	-0.02
86) Perylene-d12	25.01	264	507785	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	587770	145.33	ng	-0.01
7) Phenol-d6	7.27	99	716655	127.64	ng	0.00
23) Nitrobenzene-d5	9.27	82	476985	94.34	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	424295	172.55	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1374195	96.10	ng	0.00
78) Terphenyl-d14	20.06	244	2341696	93.38	ng	-0.01
Target Compounds						
31) Naphthalene	10.96	128	80935	5.286	ng	99
32) Benzoic acid	10.30	122	5044	9.410	ng	# 65
55) 4-Nitrophenol	14.87	139	201	3.617	ng	# 1
69) Pentachlorophenol	17.15	266	65	5.681	ng	# 19

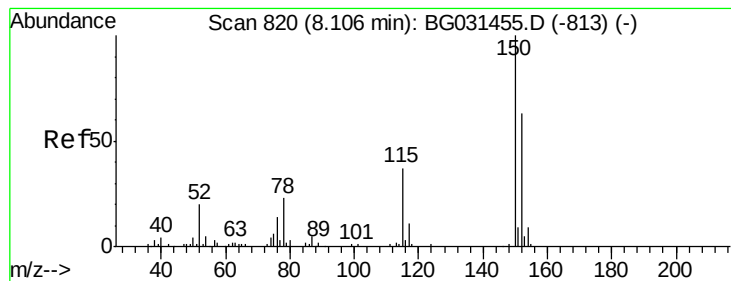
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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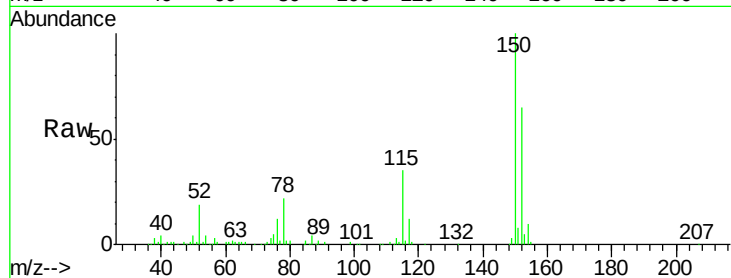


#1

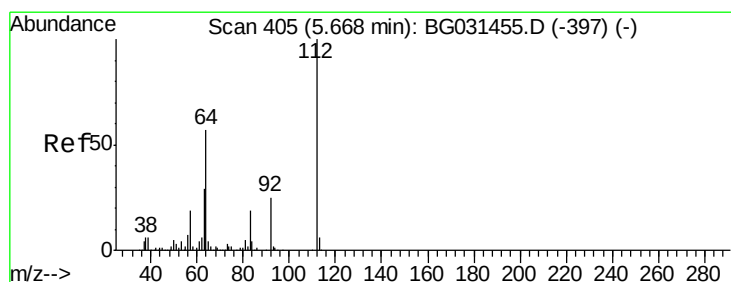
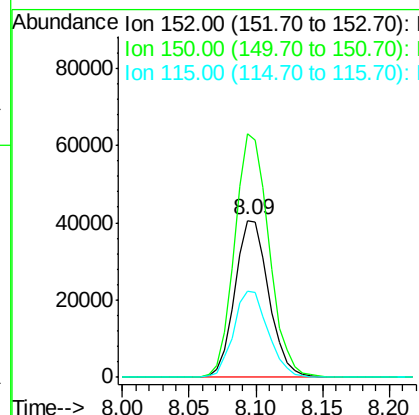
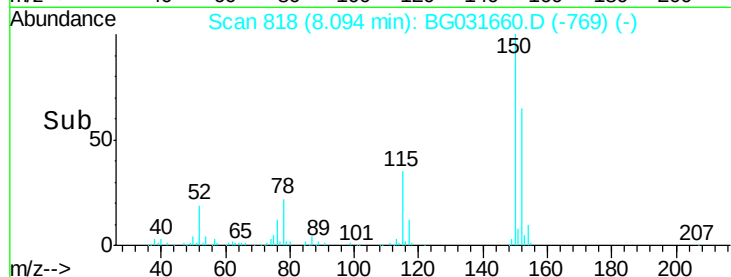
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Instrument :
BNA_G
ClientSampleId :
HALSTED-SW

Tgt Ion:152 Resp: 71687
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 54.9 53.0 79.4



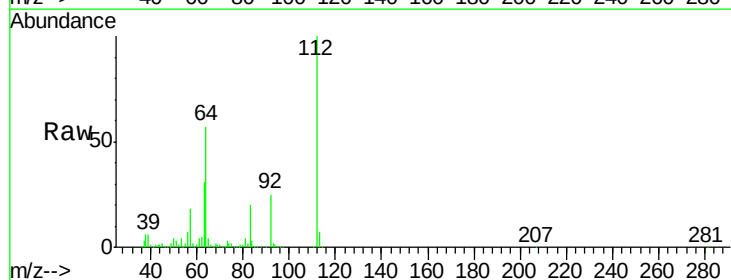
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



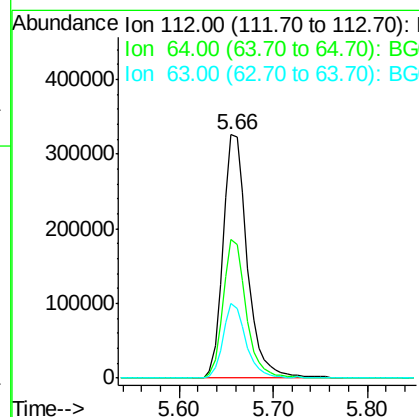
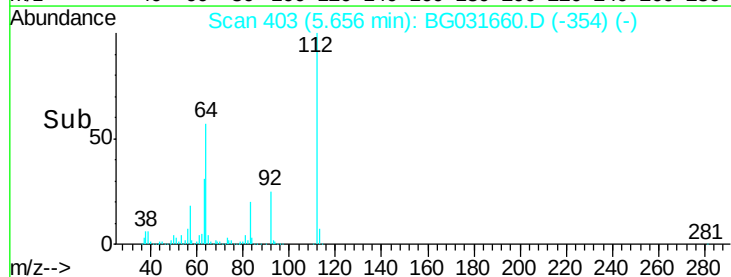
#5

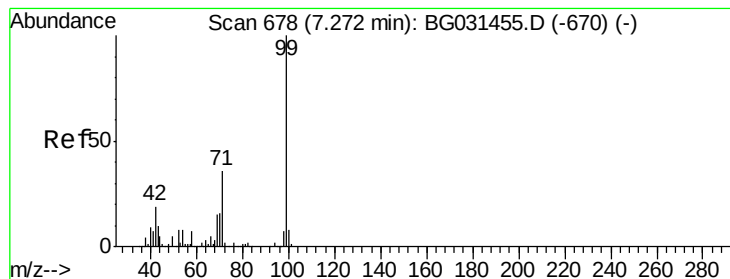
2-Fluorophenol
Concen: 145.331 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Tgt Ion:112 Resp: 587770
Ion Ratio Lower Upper
112 100
64 57.1 56.3 84.5
63 30.9 30.1 45.1



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: 127.643 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031660.D

Acq: 19 Dec 2017 8:25

Instrument :

BNA_G

ClientSampleId :

HALSTED-SW

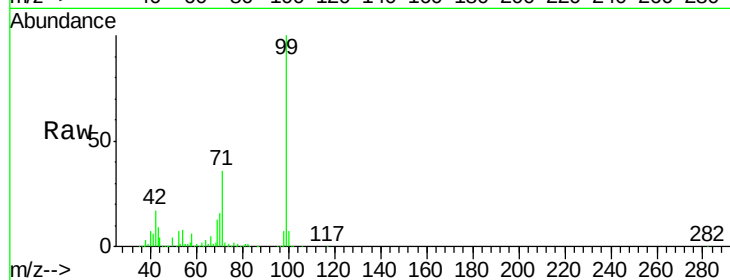
Tgt Ion: 99 Resp: 716655

Ion Ratio Lower Upper

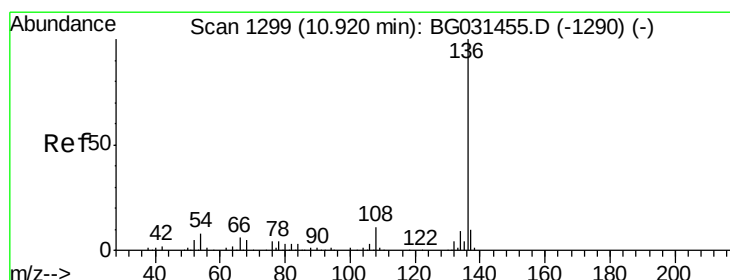
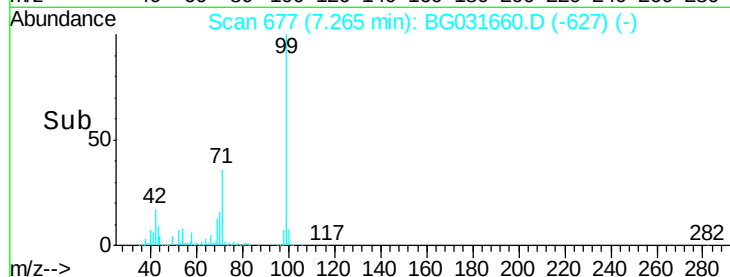
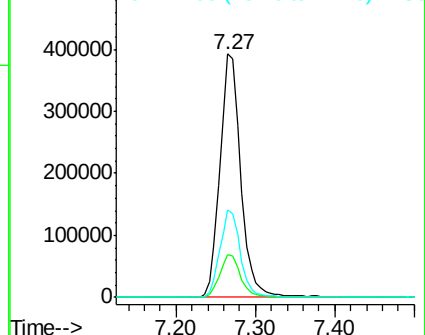
99 100

42 17.4 14.1 21.1

71 35.8 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: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG031660.D

Acq: 19 Dec 2017 8:25

Tgt Ion: 136 Resp: 311635

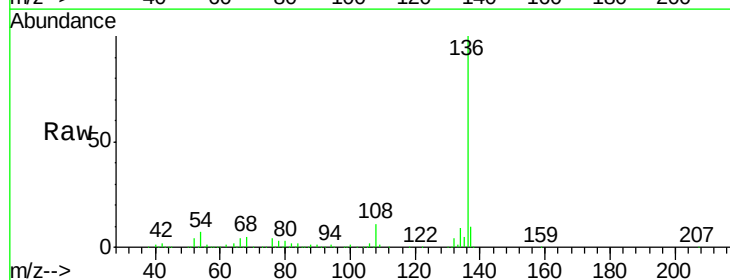
Ion Ratio Lower Upper

136 100

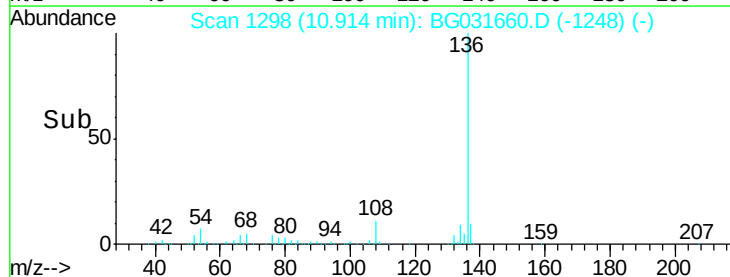
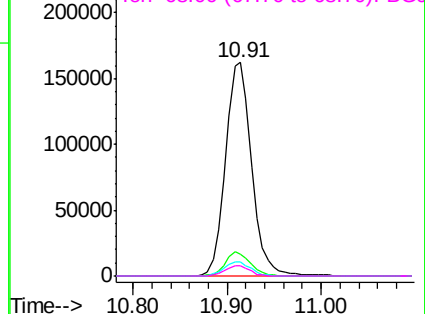
137 10.4 9.2 13.8

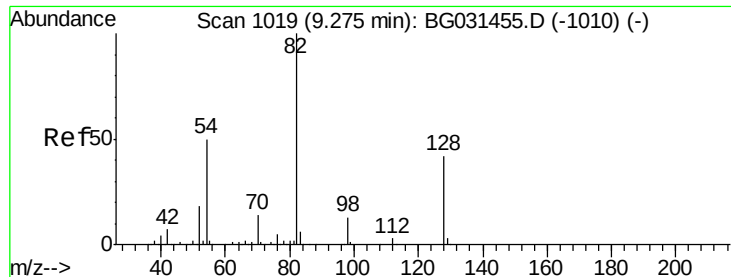
54 6.9 10.3 15.5#

68 4.6 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

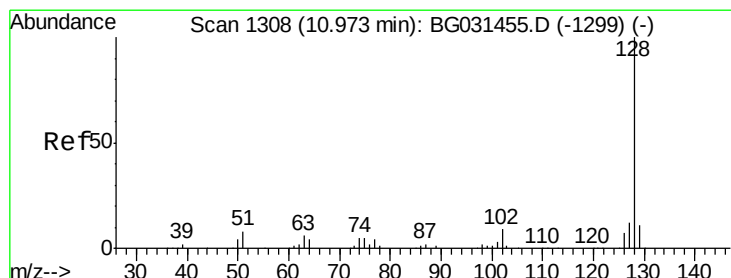
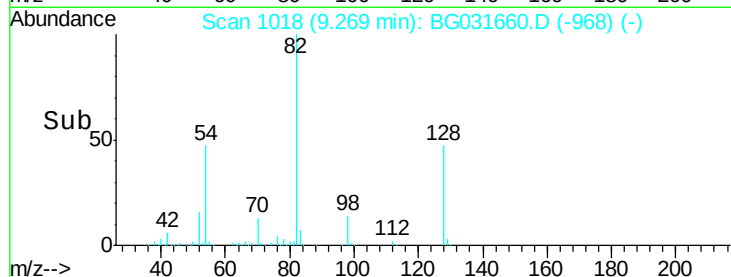
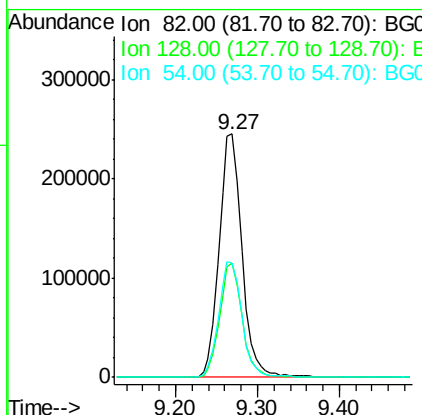
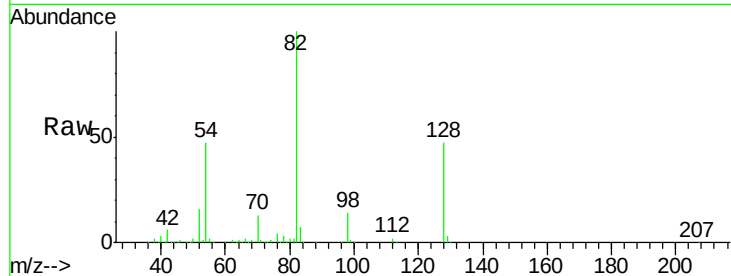




#23
Nitrobenzene-d5
Concen: 94.340 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

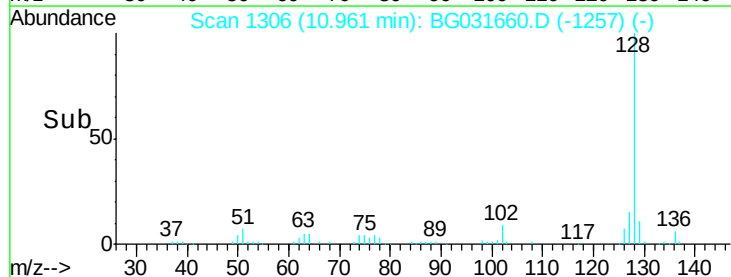
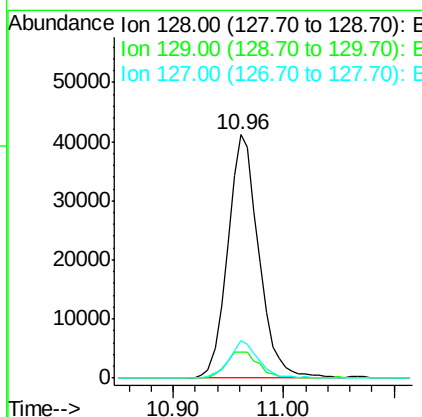
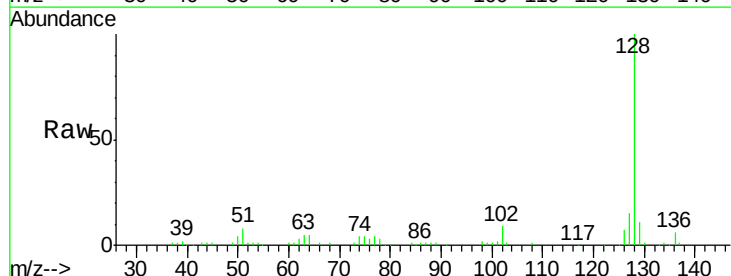
Instrument :
BNA_G
ClientSampleId :
HALSTED-SW

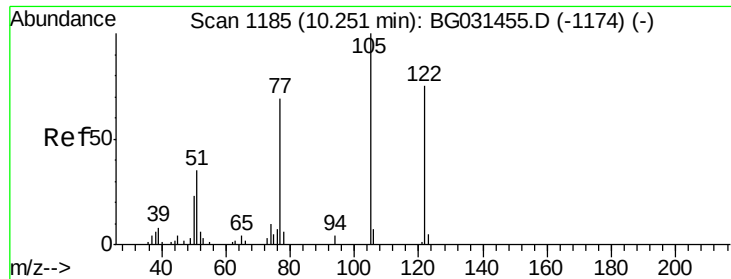
Tgt Ion: 82 Resp: 476985
Ion Ratio Lower Upper
82 100
128 46.7 29.7 44.5#
54 47.0 43.1 64.7



#31
Naphthalene
Concen: 5.286 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Tgt Ion: 128 Resp: 80935
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 15.3 11.6 17.4

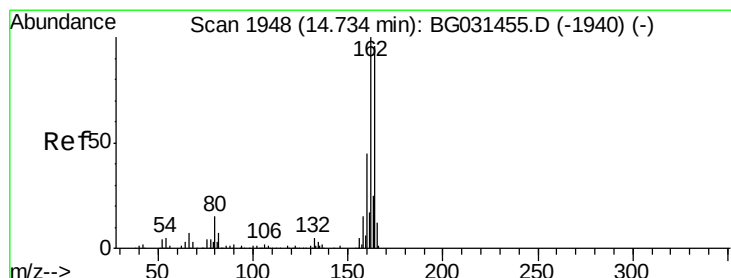
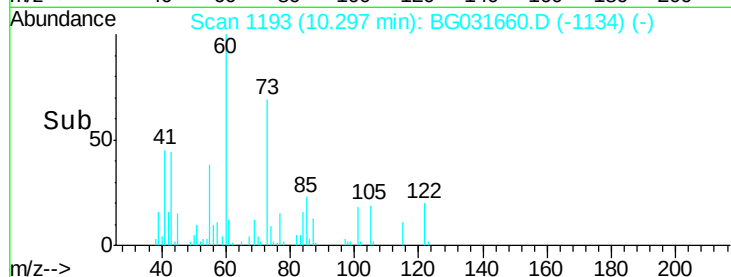
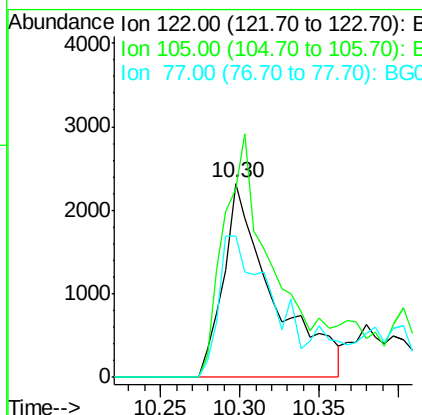
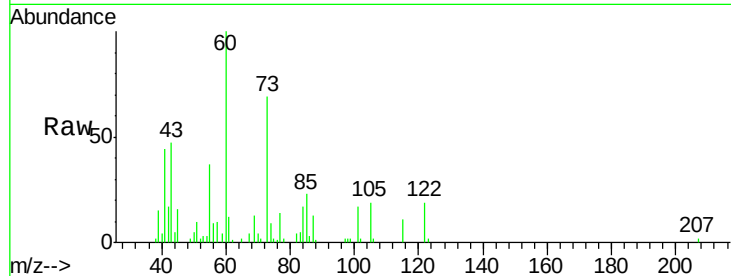




#32
Benzoic acid
Concen: 9.410 ng
RT: 10.30 min Scan# 1193
Delta R.T. 0.05 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

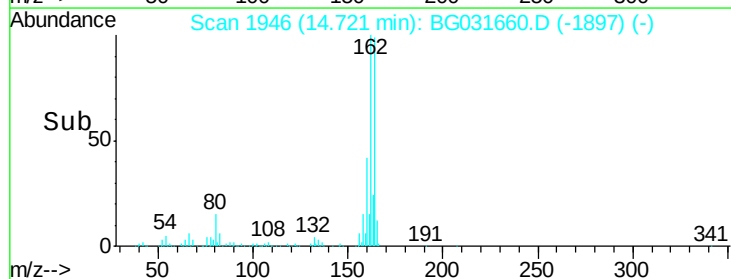
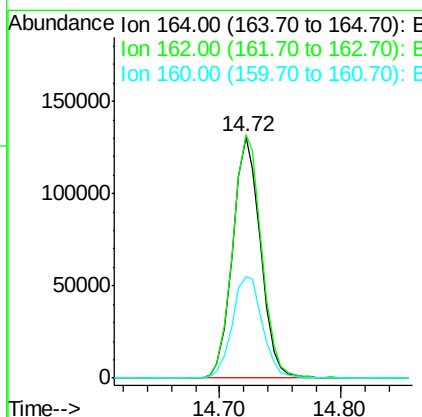
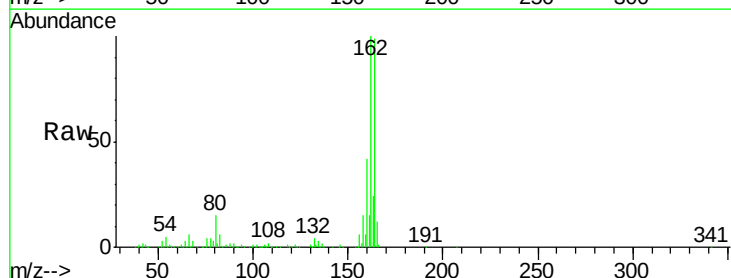
Instrument :
BNA_G
ClientSampleId :
HALSTED-SW

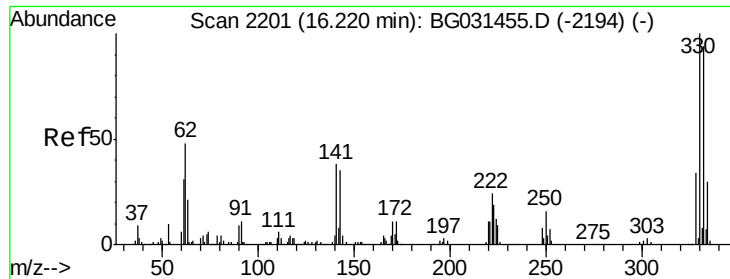
Tgt Ion:122 Resp: 5044
Ion Ratio Lower Upper
122 100
105 97.3 123.5 163.5#
77 72.8 85.7 125.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Tgt Ion:164 Resp: 209890
Ion Ratio Lower Upper
164 100
162 100.9 78.8 118.2
160 42.3 35.4 53.0

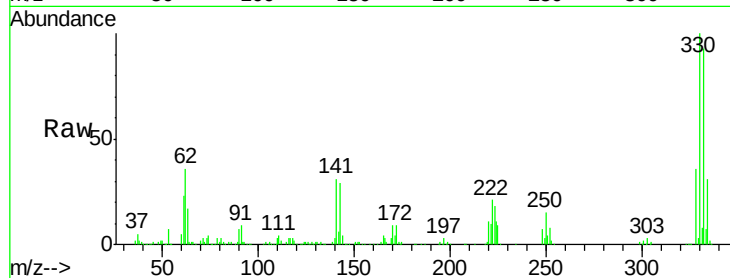




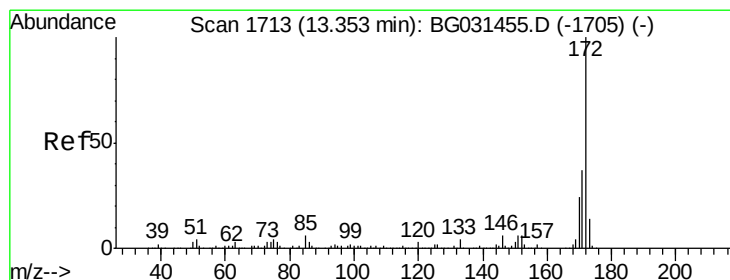
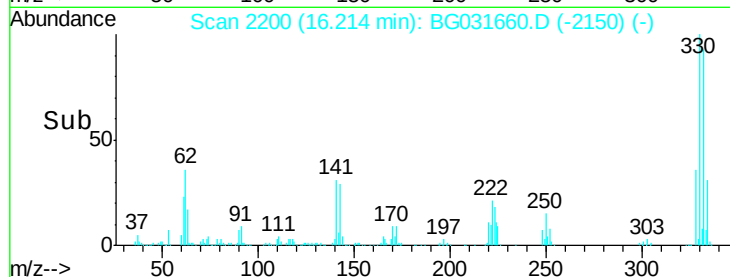
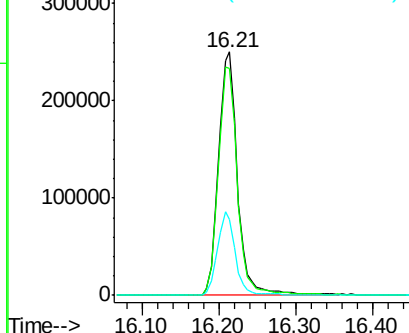
#41
 2,4,6-Tribromophenol
 Concen: 172.551 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031660.D
 Acq: 19 Dec 2017 8:25

Instrument :
 BNA_G
 ClientSampleId :
 HALSTED-SW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.5	25.2	37.8

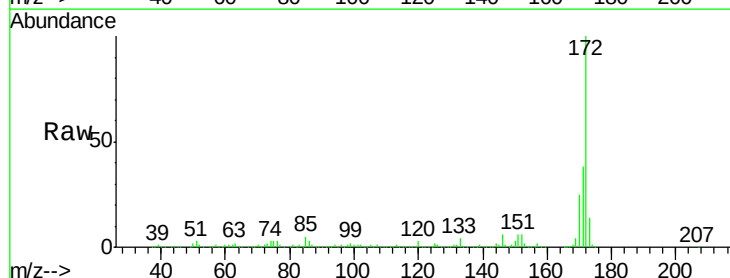


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

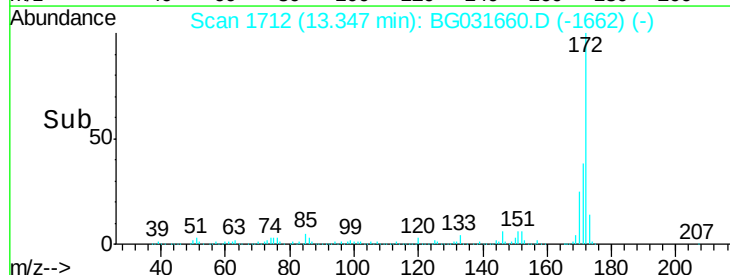
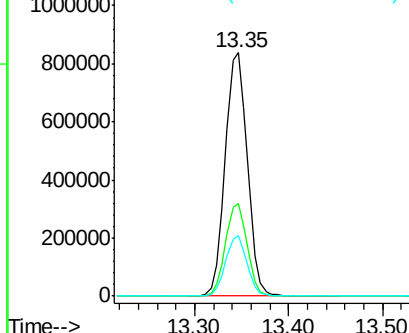


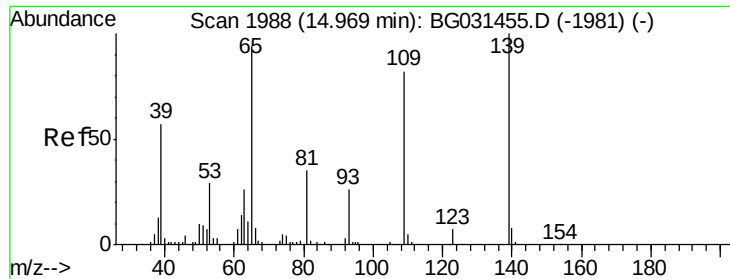
#44
 2-Fluorobiphenyl
 Concen: 96.105 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031660.D
 Acq: 19 Dec 2017 8:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.9	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

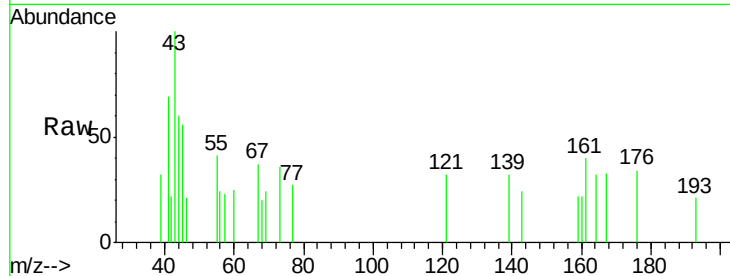




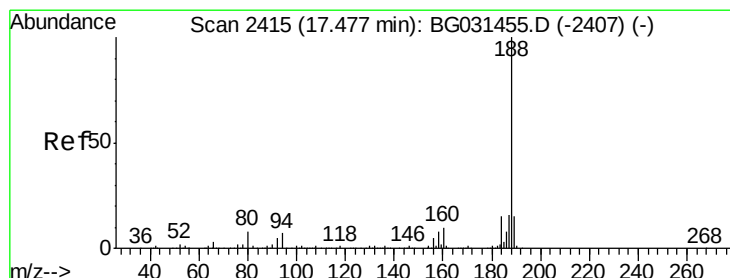
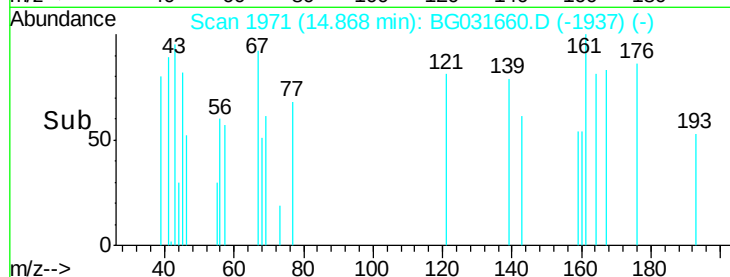
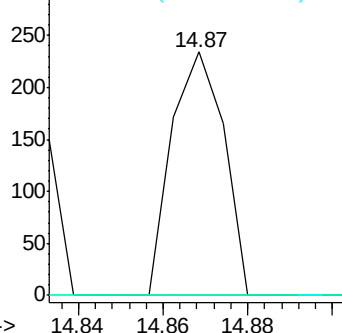
#55
4-Nitrophenol
Concen: 3.617 ng
RT: 14.87 min Scan# 1971
Delta R.T. -0.10 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Instrument :
BNA_G
ClientSampleId :
HALSTED-SW

Tgt Ion:139 Resp: 201
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#

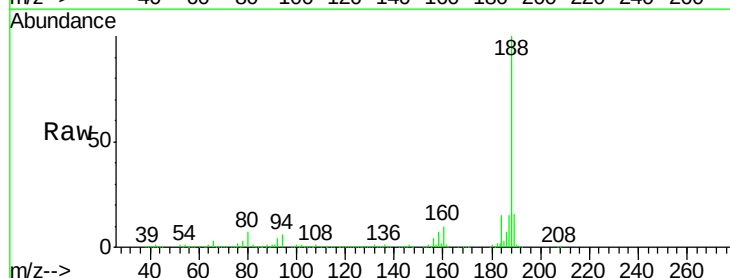


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

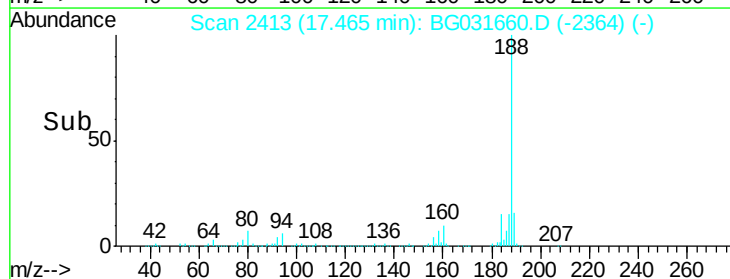
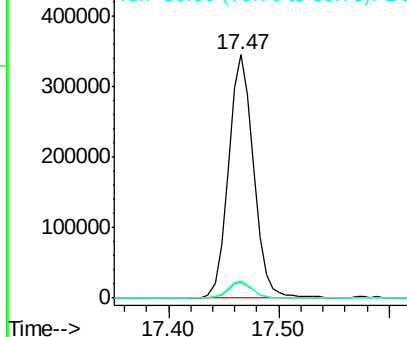


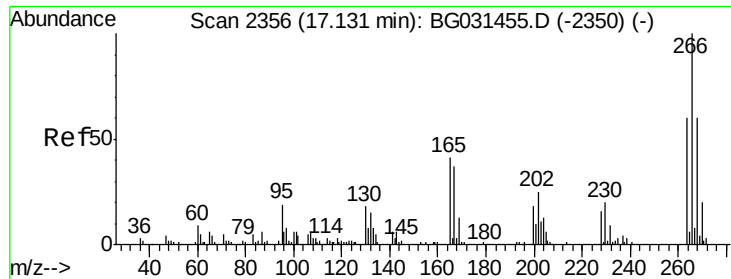
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Tgt Ion:188 Resp: 548728
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 6.9 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

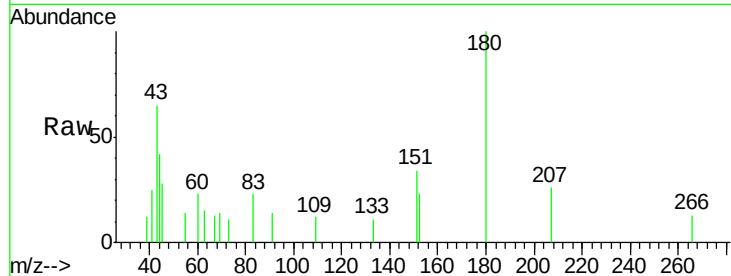




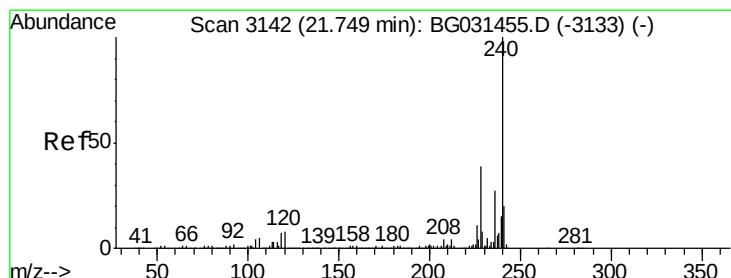
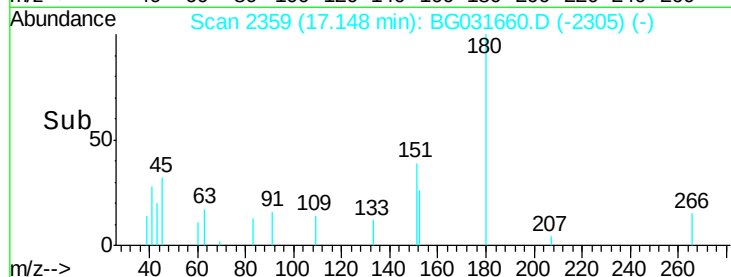
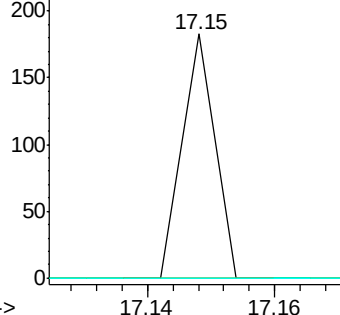
#69
 Pentachlorophenol
 Concen: 5.681 ng
 RT: 17.15 min Scan# 2359
 Delta R.T. 0.02 min
 Lab File: BG031660.D
 Acq: 19 Dec 2017 8:25

Instrument :
 BNA_G
 ClientSampleId :
 HALSTED-SW

Tgt Ion: 266 Resp: 65
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.1 76.7#
 264 0.0 49.6 74.4#

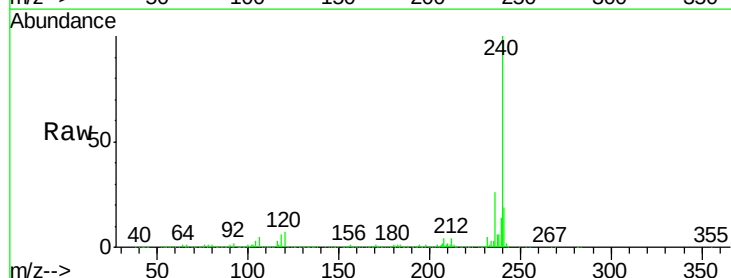


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

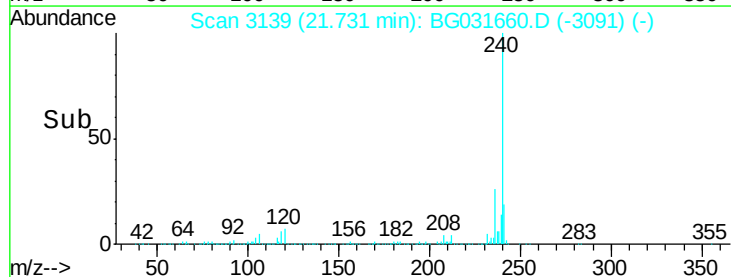
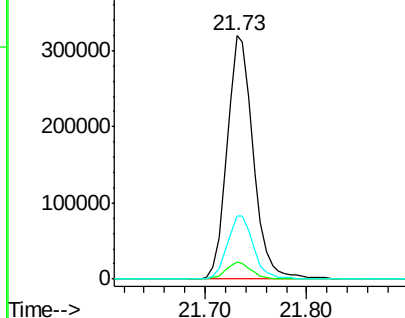


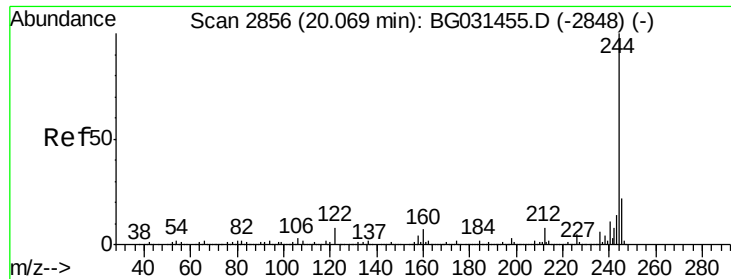
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.02 min
 Lab File: BG031660.D
 Acq: 19 Dec 2017 8:25

Tgt Ion: 240 Resp: 570521
 Ion Ratio Lower Upper
 240 100
 120 7.1 6.8 10.2
 236 26.0 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: 93.384 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031660.D

Acq: 19 Dec 2017 8:25

Instrument :

BNA_G

ClientSampleId :

HALSTED-SW

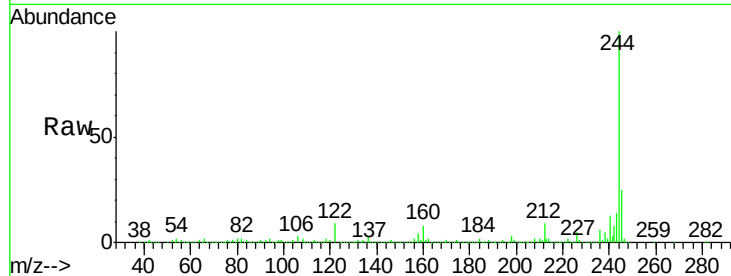
Tgt Ion:244 Resp: 2341696

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

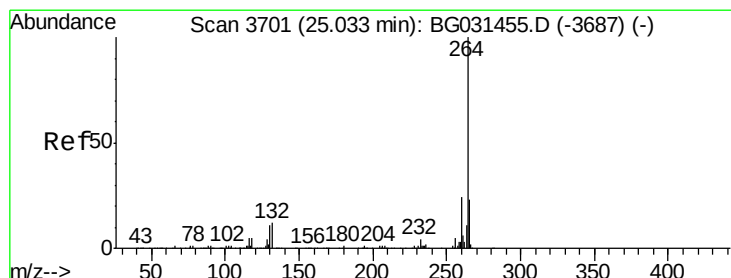
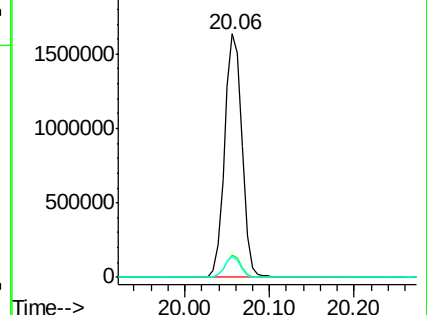
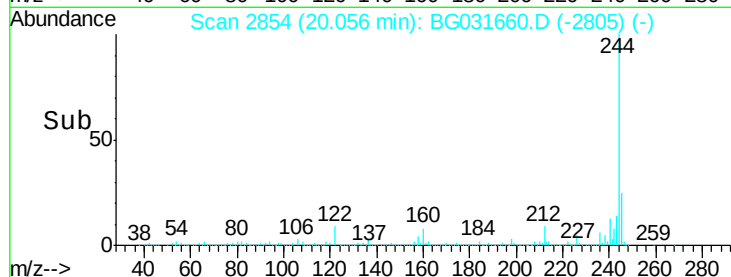
122 8.6 7.0 10.4



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: 25.01 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BG031660.D

Acq: 19 Dec 2017 8:25

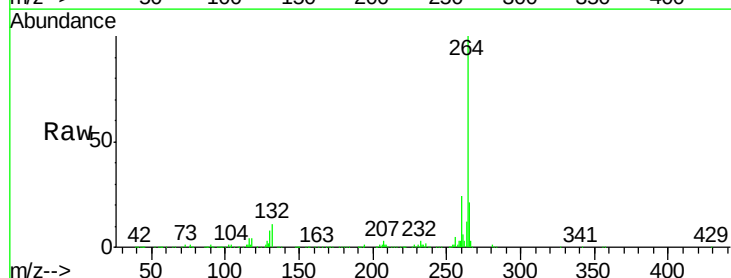
Tgt Ion:264 Resp: 507785

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.1 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

