

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032725.D
 Acq On : 15 Feb 2018 22:19
 Operator : SJ/JU
 Sample : J1562-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T-10-STOCKPILE

Quant Time: Feb 16 03:00:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

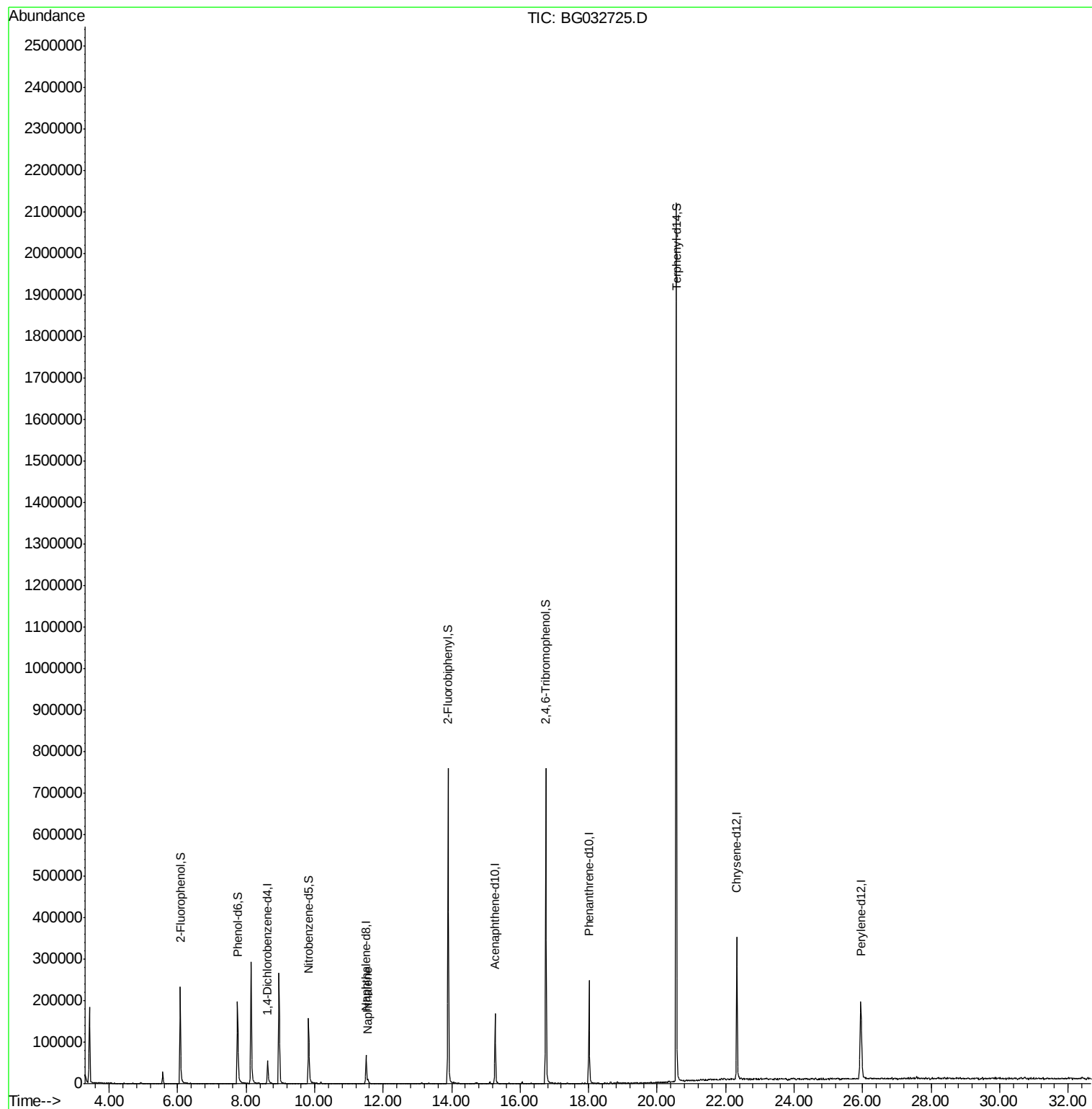
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	20411	20.00	ng	-0.05
21) Naphthalene-d8	11.50	136	77219	20.00	ng	-0.05
38) Acenaphthene-d10	15.27	164	68705	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	179695	20.00	ng	-0.04
75) Chrysene-d12	22.33	240	252461	20.00	ng	-0.04
86) Perylene-d12	25.95	264	274891	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	127889	125.71	ng	-0.04
7) Phenol-d6	7.75	99	136675	98.25	ng	-0.04
23) Nitrobenzene-d5	9.82	82	109535	90.15	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	184673	174.56	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	474579	86.38	ng	-0.04
78) Terphenyl-d14	20.56	244	1179835	106.52	ng	-0.03
Target Compounds						
31) Naphthalene	11.55	128	9866	2.631	ng	Qvalue # 95

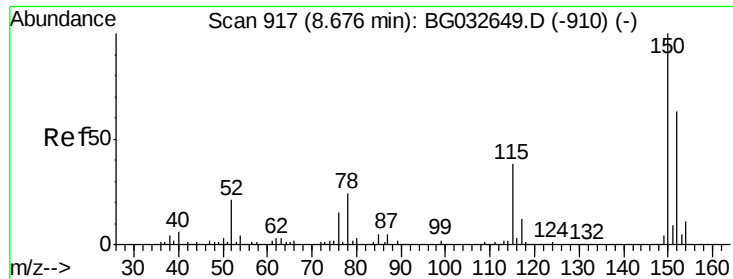
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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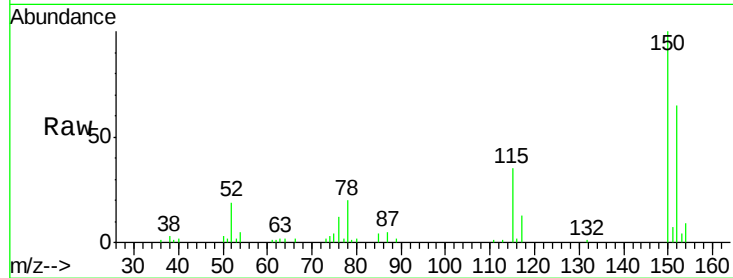


#1

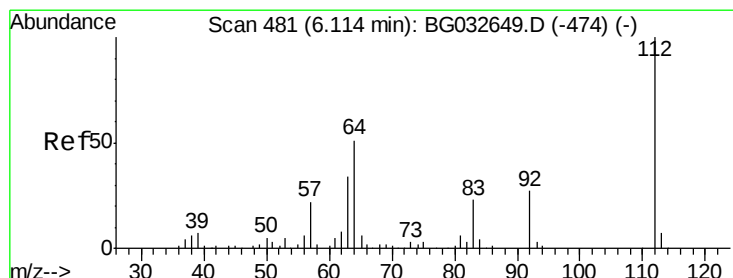
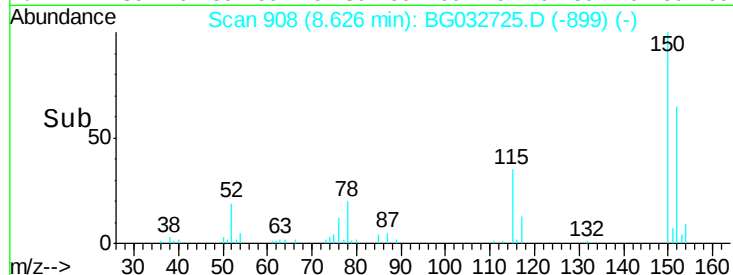
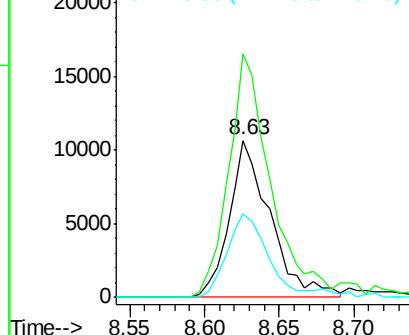
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 908
Delta R.T. -0.05 min
Lab File: BG032725.D
Acq: 15 Feb 2018 22:19

Instrument :
BNA_G
ClientSampleId :
T-10-STOCKPILE

Tot Ion:152 Resp: 20411
Ion Ratio Lower Upper
152 100
150 155.0 126.6 189.8
115 53.6 53.0 79.4



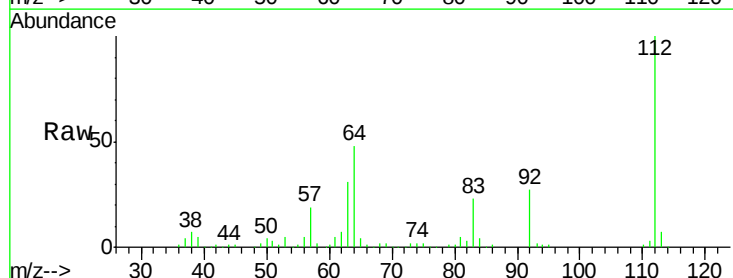
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



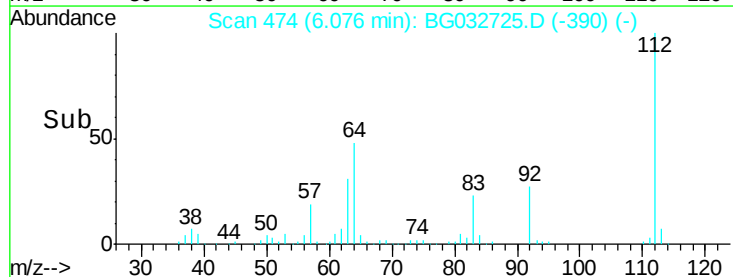
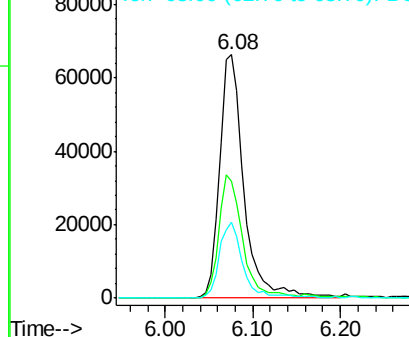
#5

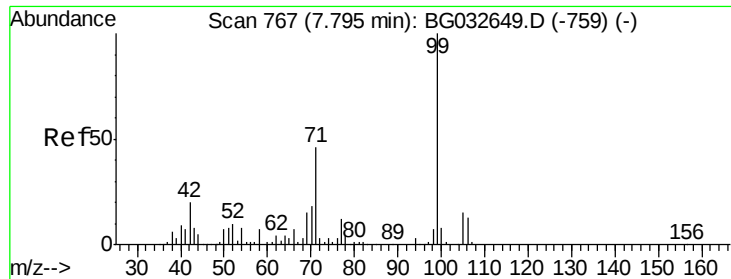
2-Fluorophenol
Concen: 125.712 ng
RT: 6.08 min Scan# 474
Delta R.T. -0.04 min
Lab File: BG032725.D
Acq: 15 Feb 2018 22:19

Tgt Ion:112 Resp: 127889
Ion Ratio Lower Upper
112 100
64 48.2 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: 98.251 ng

RT: 7.75 min Scan# 759

Delta R.T. -0.04 min

Lab File: BG032725.D

Acq: 15 Feb 2018 22:19

Instrument :

BNA_G

ClientSampleId :

T-10-STOCKPILE

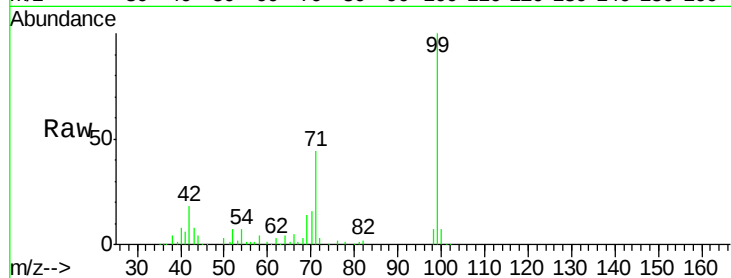
Tot Ion: 99 Resp: 136675

Ion Ratio Lower Upper

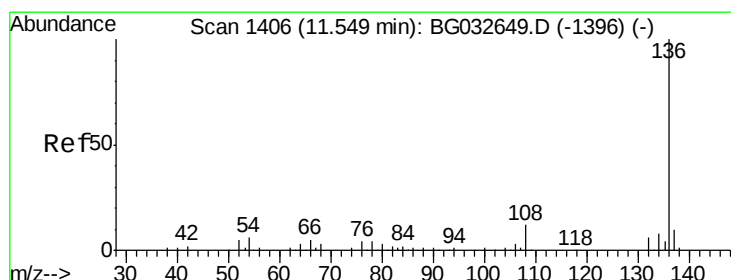
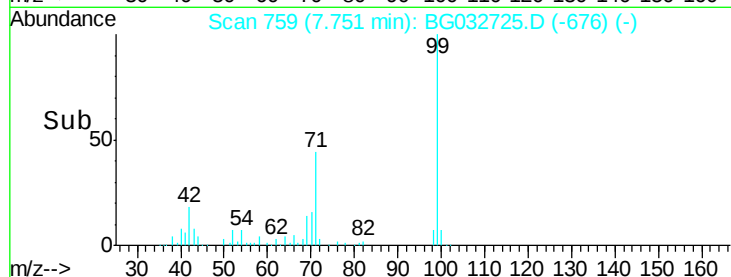
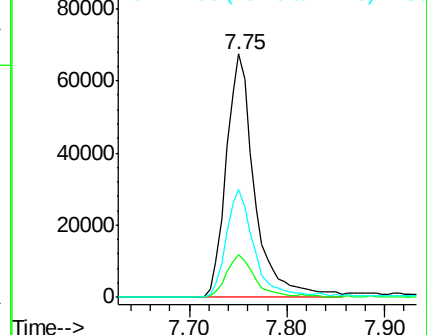
99 100

42 17.7 14.1 21.1

71 44.2 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: 11.50 min Scan# 1397

Delta R.T. -0.05 min

Lab File: BG032725.D

Acq: 15 Feb 2018 22:19

Tgt Ion: 136 Resp: 77219

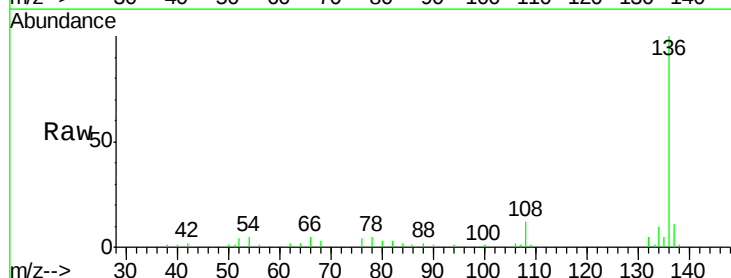
Ion Ratio Lower Upper

136 100

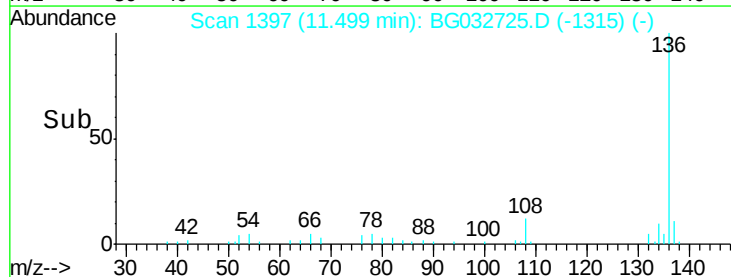
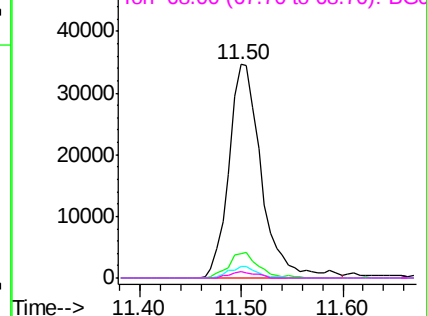
137 11.3 9.2 13.8

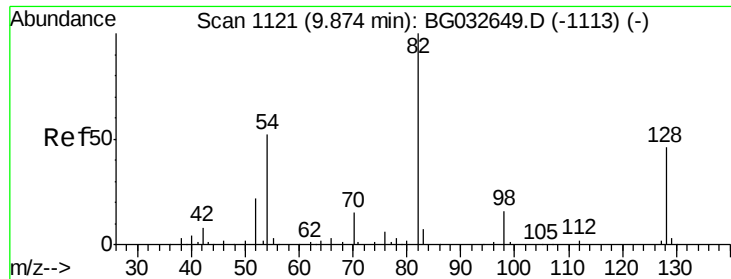
54 5.3 10.3 15.5#

68 2.9 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

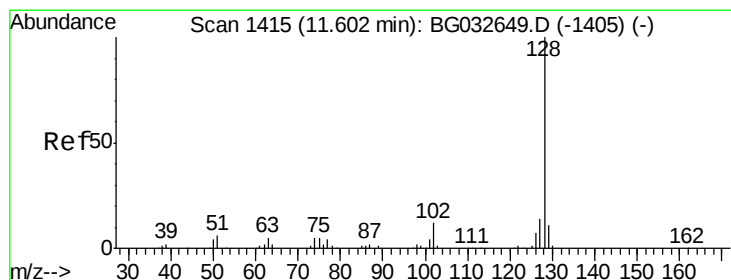
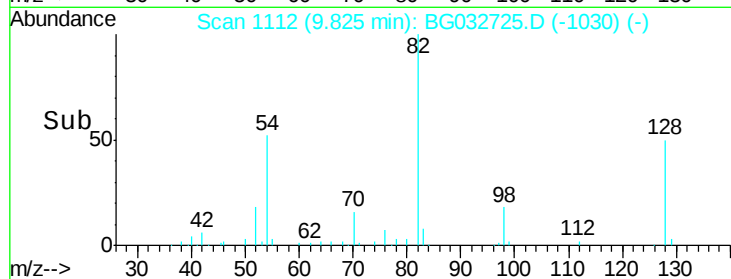
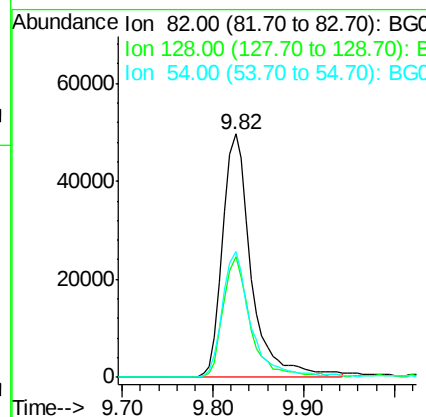
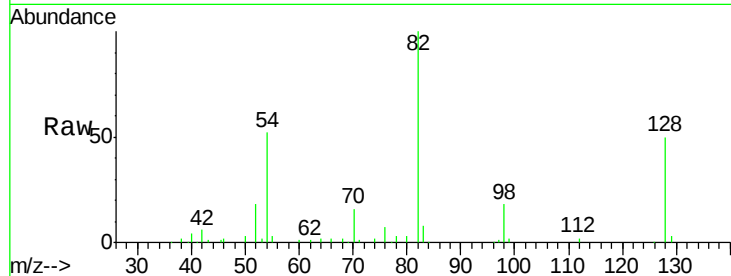




#23
 Nitrobenzene-d5
 Concen: 90.153 ng
 RT: 9.82 min Scan# 1112
 Delta R.T. -0.05 min
 Lab File: BG032725.D
 Acq: 15 Feb 2018 22:19

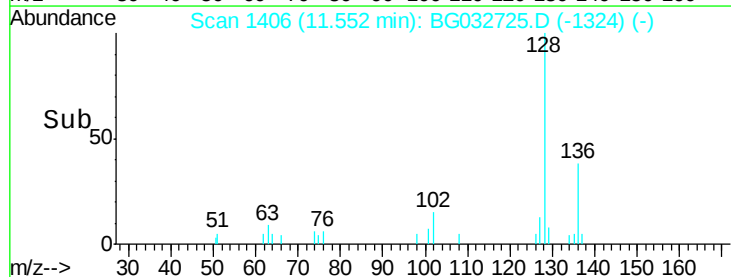
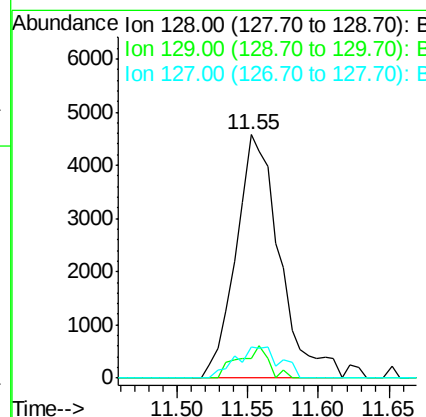
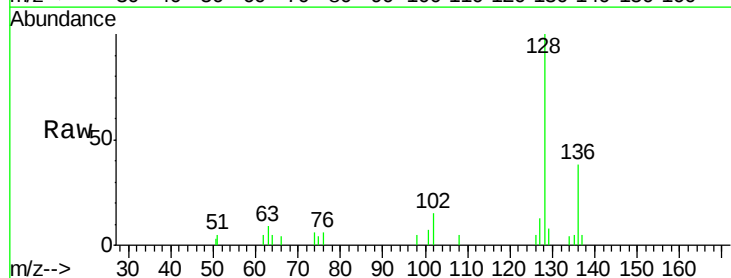
Instrument :
 BNA_G
 ClientSampleId :
 T-10-STOCKPILE

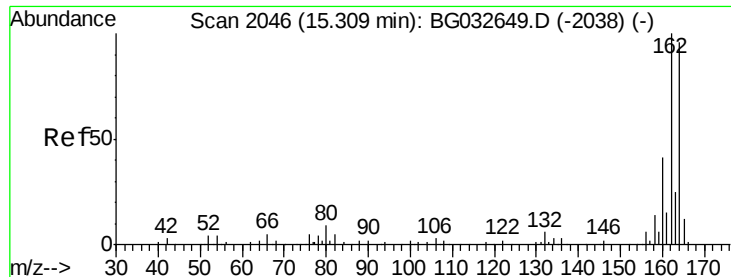
Tot Ion	82	Resp	109535
Ion Ratio	Lower	Upper	
82	100		
128	49.7	29.7	44.5#
54	51.5	43.1	64.7



#31
 Naphthalene
 Concen: 2.631 ng
 RT: 11.55 min Scan# 1406
 Delta R.T. -0.05 min
 Lab File: BG032725.D
 Acq: 15 Feb 2018 22:19

Tgt Ion	128	Resp	9866
Ion Ratio	Lower	Upper	
128	100		
129	8.1	8.6	12.8#
127	12.7	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.27 min Scan# 2038

Delta R.T. -0.04 min

Lab File: BG032725.D

Acq: 15 Feb 2018 22:19

Instrument :

BNA_G

ClientSampleId :

T-10-STOCKPILE

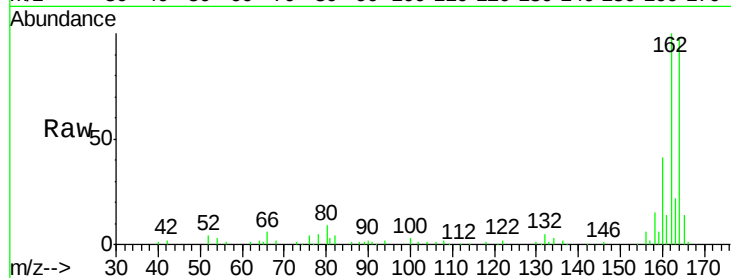
Tot Ion:164 Resp: 68705

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

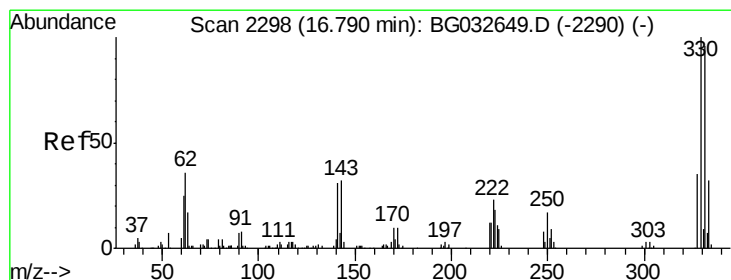
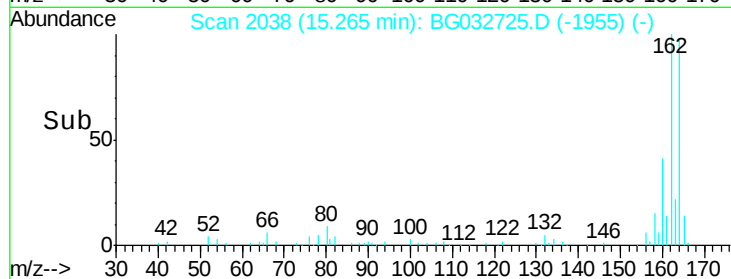
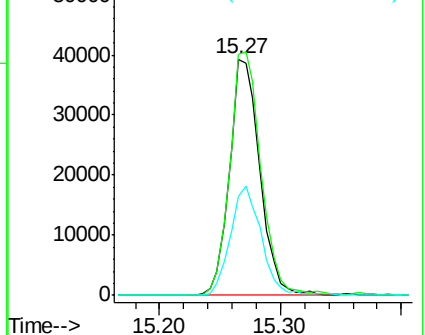
160 42.0 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 174.564 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.04 min

Lab File: BG032725.D

Acq: 15 Feb 2018 22:19

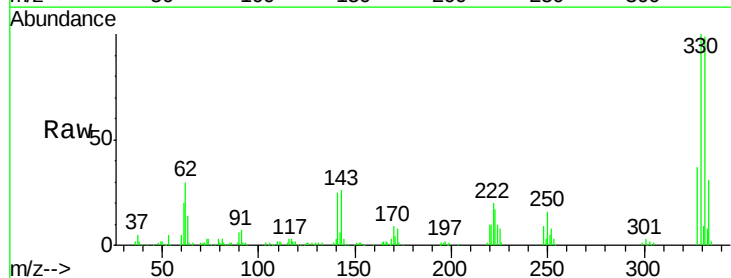
Tgt Ion:330 Resp: 184673

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

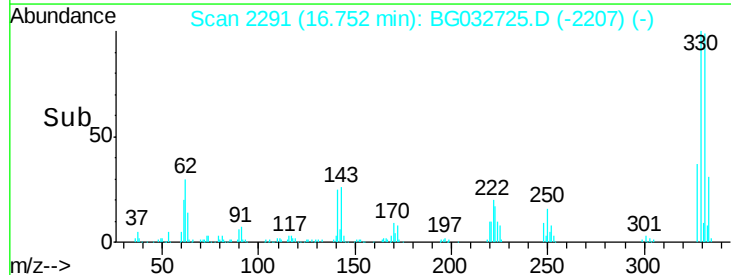
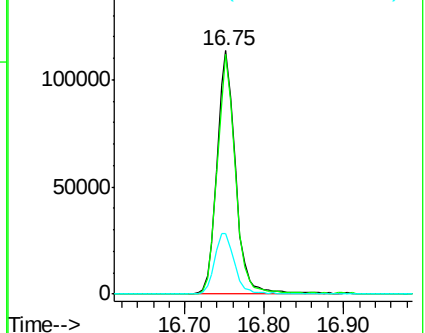
141 26.8 25.2 37.8

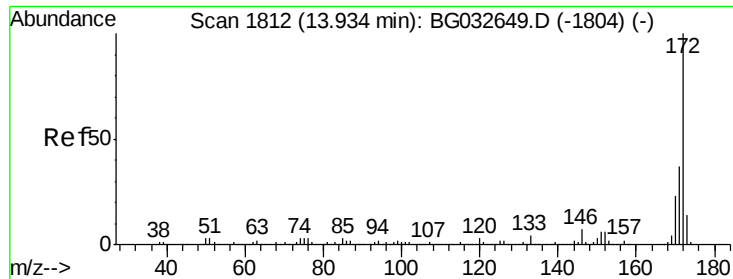


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

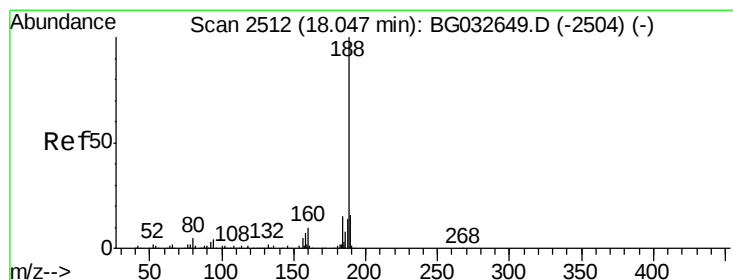
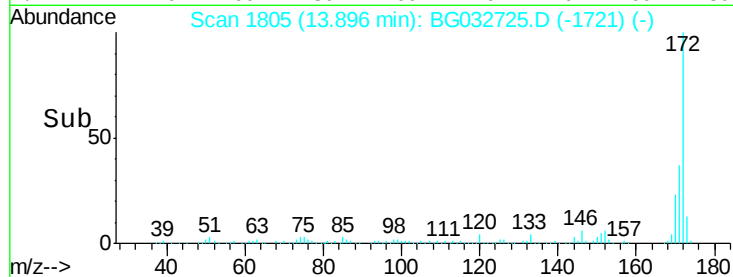
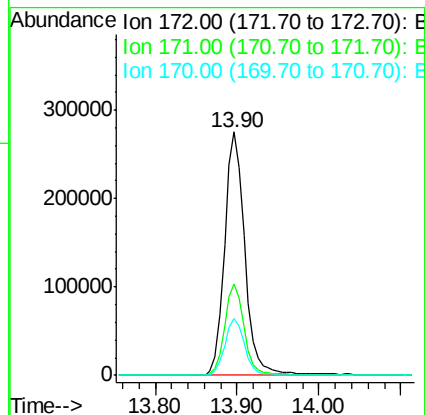
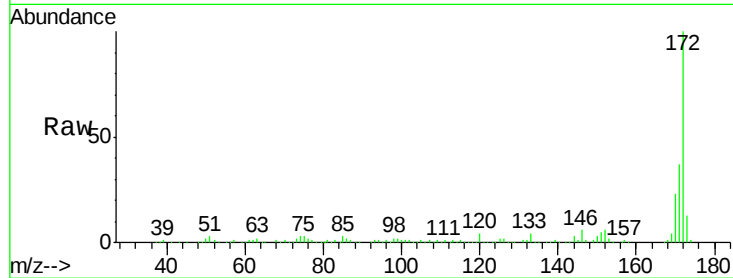




#44
 2-Fluorobiphenyl
 Concen: 86.380 ng
 RT: 13.90 min Scan# 1805
 Delta R.T. -0.04 min
 Lab File: BG032725.D
 Acq: 15 Feb 2018 22:19

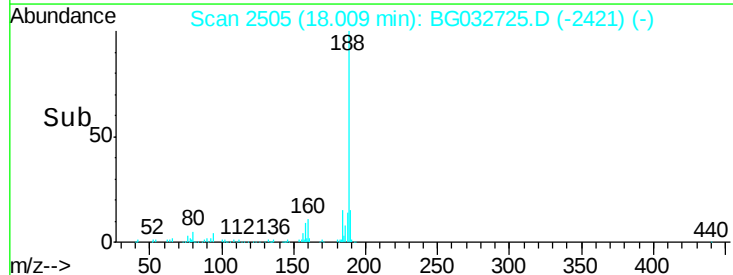
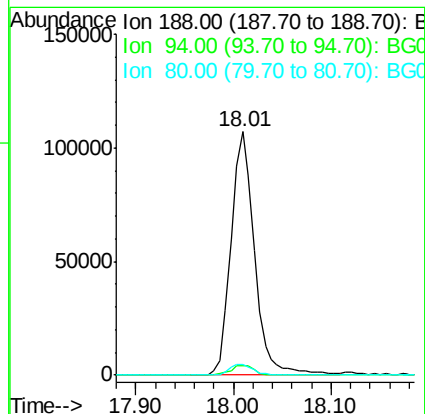
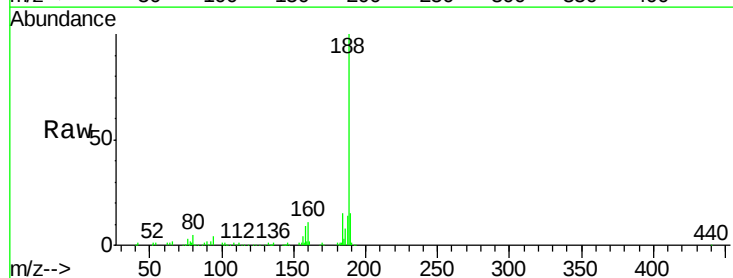
Instrument :
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 T-10-STOCKPILE

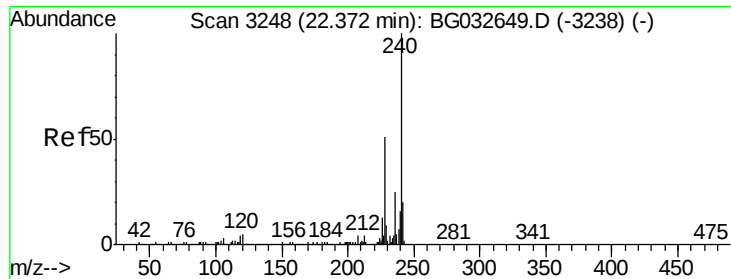
Tot Ion:172 Resp: 474579
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.01 min Scan# 2505
 Delta R.T. -0.04 min
 Lab File: BG032725.D
 Acq: 15 Feb 2018 22:19

Tgt Ion:188 Resp: 179695
 Ion Ratio Lower Upper
 188 100
 94 4.0 6.9 10.3#
 80 5.0 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.33 min Scan# 3240

Delta R.T. -0.04 min

Lab File: BG032725.D

Acq: 15 Feb 2018 22:19

Instrument :

BNA_G

ClientSampleId :

T-10-STOCKPILE

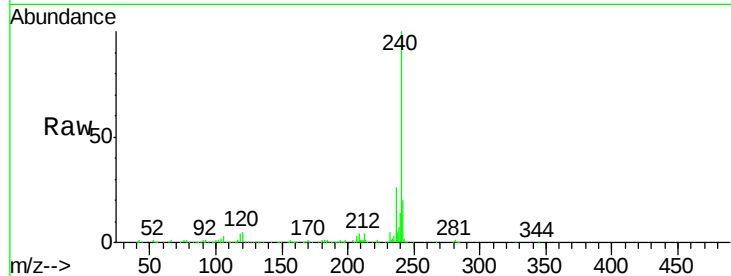
Tot Ion:240 Resp: 252461

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

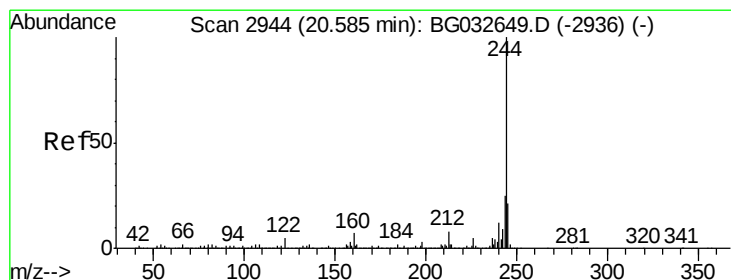
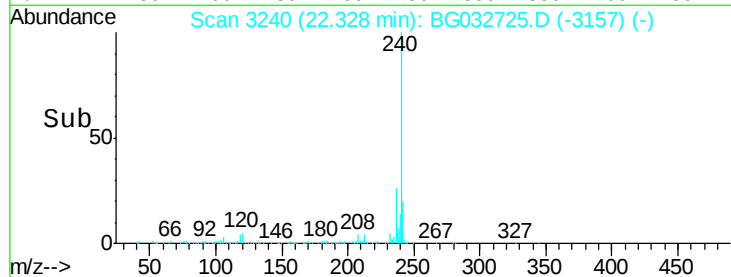
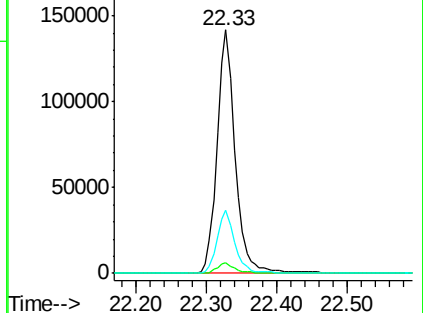
236 26.1 20.9 31.3



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: 106.515 ng

RT: 20.56 min Scan# 2939

Delta R.T. -0.03 min

Lab File: BG032725.D

Acq: 15 Feb 2018 22:19

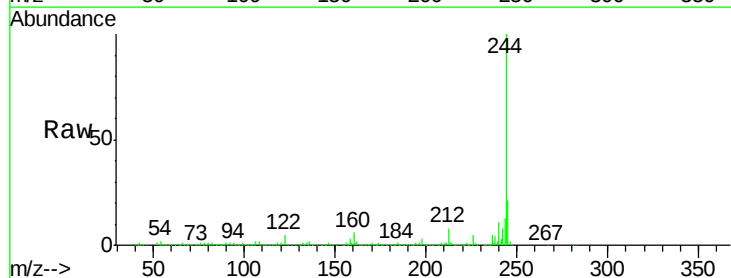
Tgt Ion:244 Resp: 1179835

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

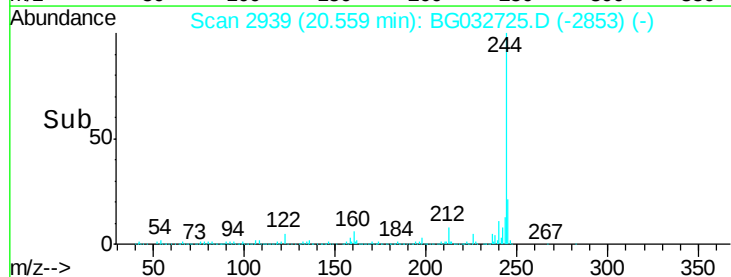
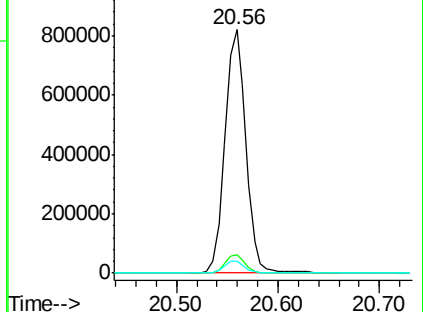
122 5.1 7.0 10.4#

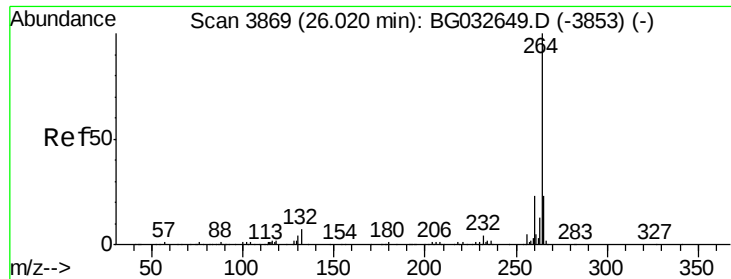


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.95 min Scan# 3856
 Delta R.T. -0.07 min
 Lab File: BG032725.D
 Acq: 15 Feb 2018 22:19

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	19.4	17.7	26.5

