

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027905.D
 Acq On : 11 Jul 2017 2:43
 Operator : SJ/JU
 Sample : I4119-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-070717-C

Manual Integrations
 APPROVED

mohammad
 7/11/2017 3:34:49 PM

Quant Time: Jul 11 13:32:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	37404	20.00	ng	-0.01
21) Naphthalene-d8	11.23	136	162291	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	54626	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	238753	20.00	ng	-0.01
75) Chrysene-d12	22.10	240	154492	20.00	ng	-0.02
86) Perylene-d12	25.66	264	2794m	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	320724	132.04	ng	0.00
7) Phenol-d6	7.56	99	311281	83.89	ng	-0.01
23) Nitrobenzene-d5	9.58	82	237135	81.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	249667	333.22	ng	-0.02
44) 2-Fluorobiphenyl	13.63	172	636668	166.45	ng	-0.02
78) Terphenyl-d14	20.34	244	1398954	212.29	ng	-0.01

Target Compounds Qvalue

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

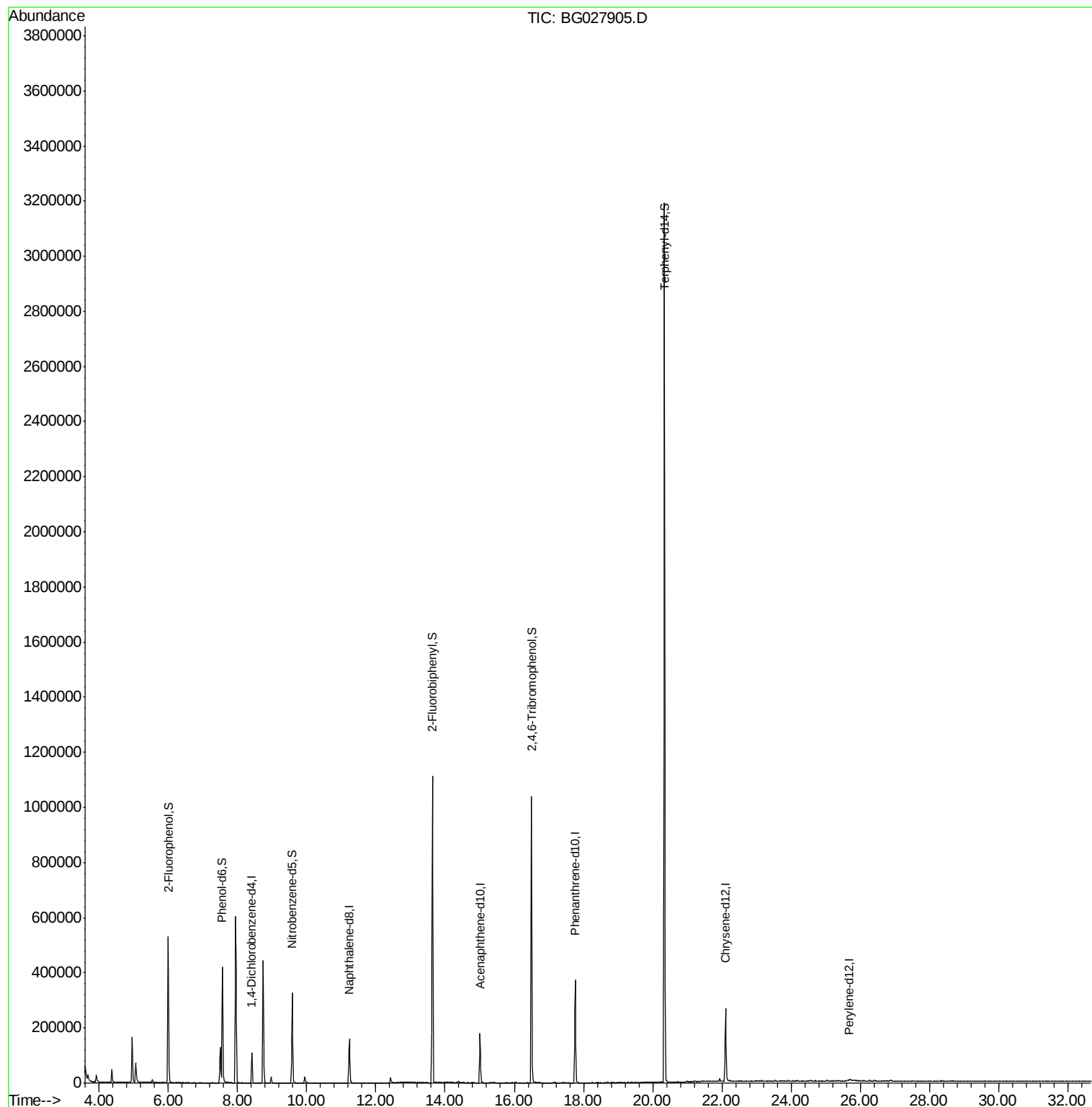
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
Data File : BG027905.D
Acq On : 11 Jul 2017 2:43
Operator : SJ/JU
Sample : I4119-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

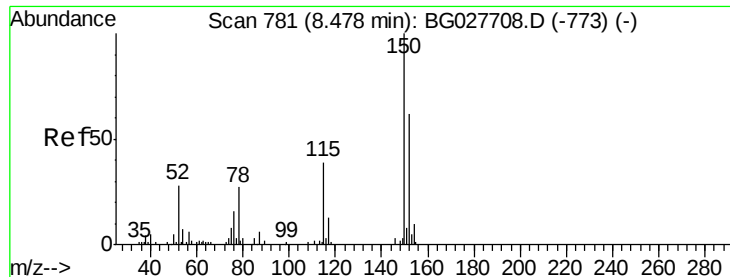
Instrument :
BNA_G
ClientSampleId :
EO-03-070717-C

Manual Integrations
APPROVED

mohammad
7/11/2017 3:34:49 PM

Quant Time: Jul 11 13:32:11 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 07 17:43:21 2017
Response via : Initial Calibration





#1

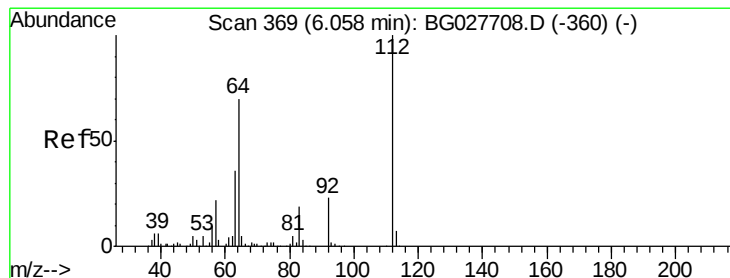
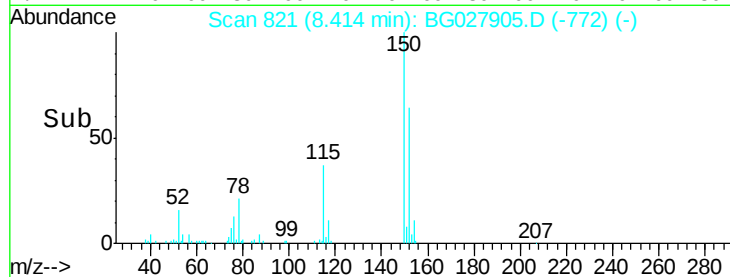
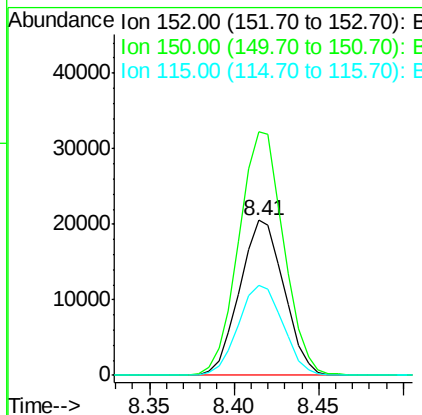
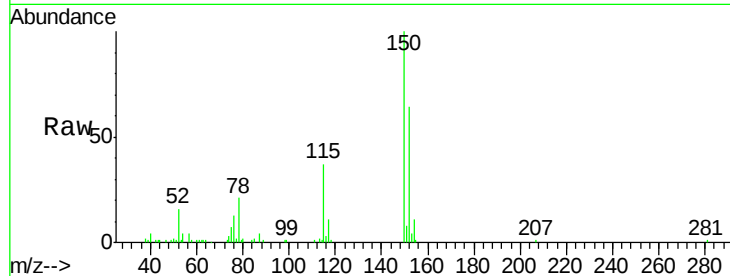
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.41 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG027905.D
Acq: 11 Jul 2017 2:43

Instrument :
BNA_G
ClientSampleId :
EO-03-070717-C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.3	114.0	171.0
115	58.5	48.1	72.1

Manual Integrations
APPROVED

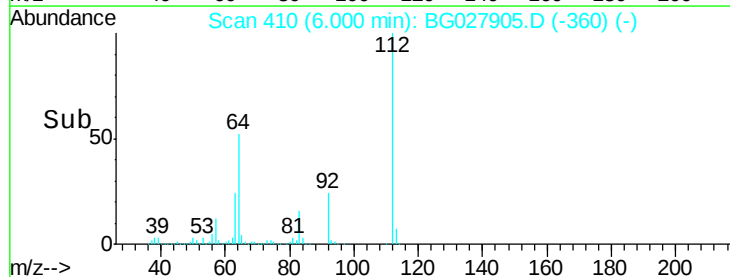
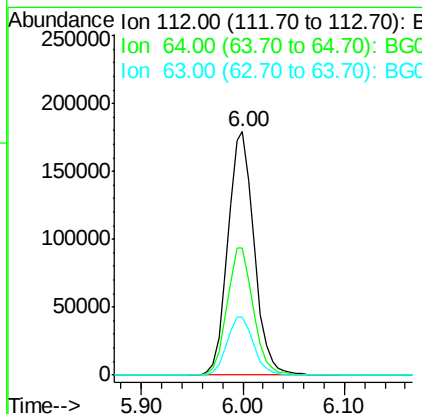
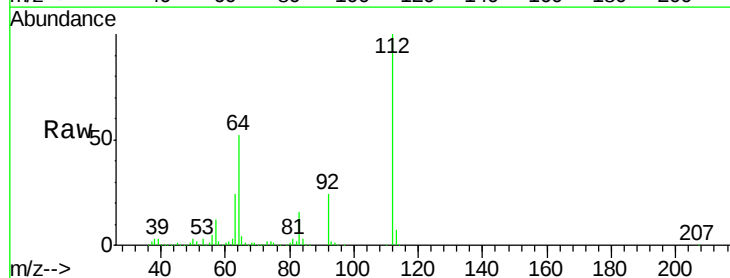
mohammad
7/11/2017 3:34:49 PM

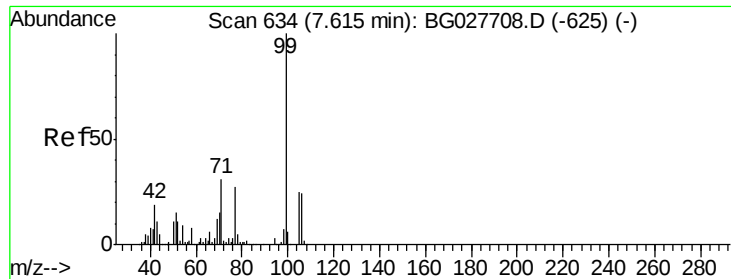


#5

2-Fluorophenol
Concen: 132.041 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027905.D
Acq: 11 Jul 2017 2:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.0	61.8	92.6#
63	24.0	37.2	55.8#





#7

Phenol-d6

Concen: 83.887 ng

RT: 7.56 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG027905.D

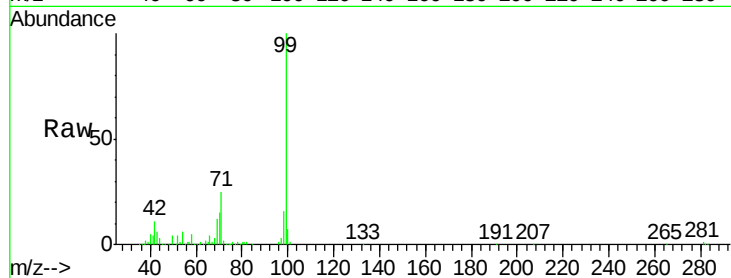
Acq: 11 Jul 2017 2:43

Instrument :

BNA_G

ClientSampleId :

EO-03-070717-C



Tgt Ion: 99 Resp: 311281

Ion Ratio Lower Upper

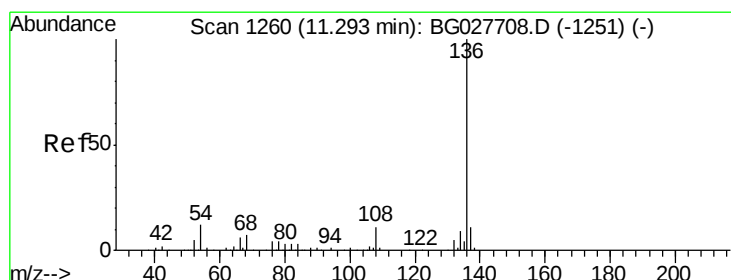
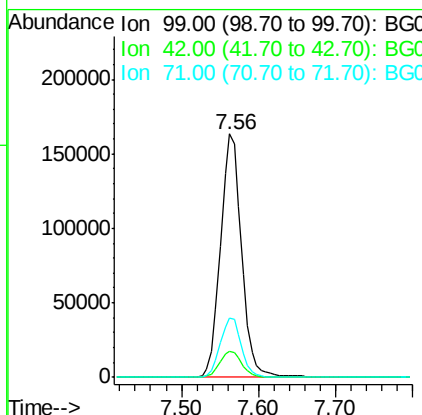
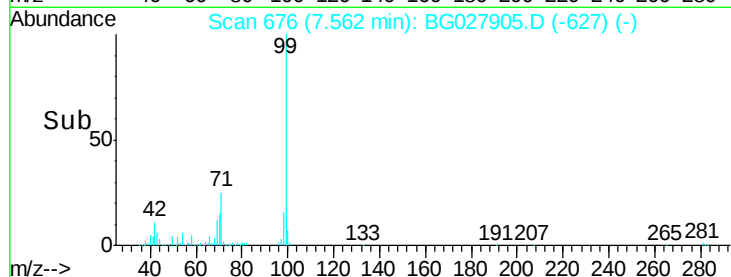
99 100

42 10.8 20.5 30.7#

71 24.5 37.6 56.4#

Manual Integrations
APPROVED

mohammad
7/11/2017 3:34:49 PM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027905.D

Acq: 11 Jul 2017 2:43

Tgt Ion: 136 Resp: 162291

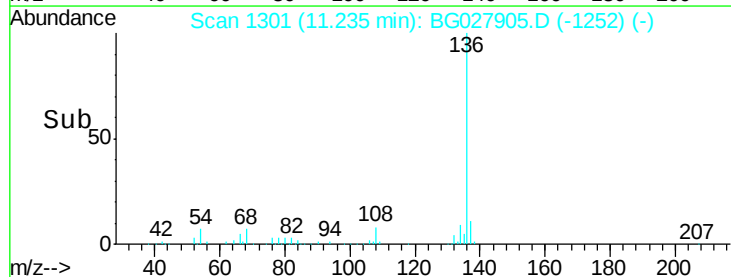
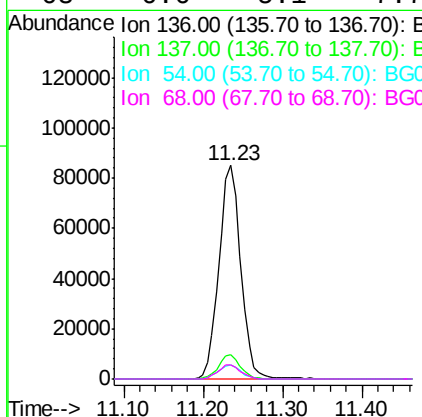
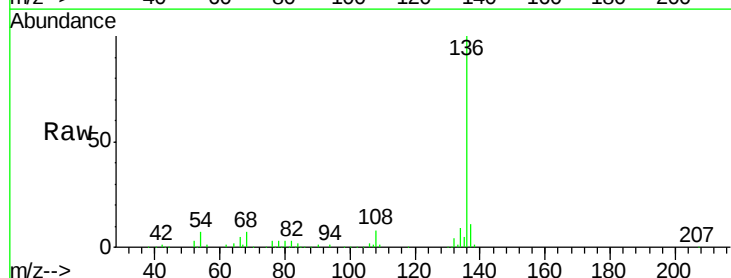
Ion Ratio Lower Upper

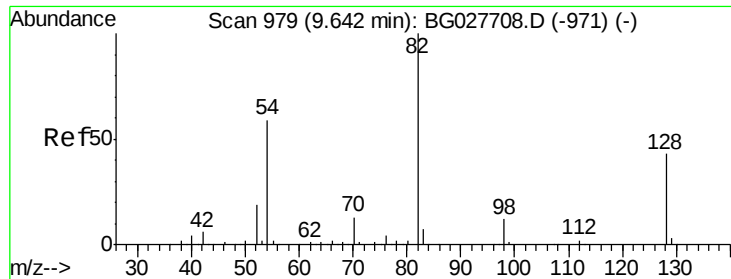
136 100

137 11.2 8.9 13.3

54 6.7 9.3 13.9#

68 6.6 5.1 7.7





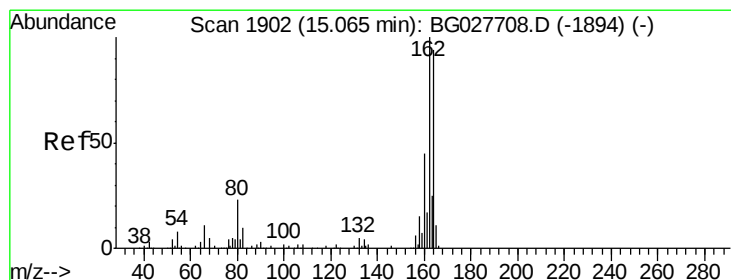
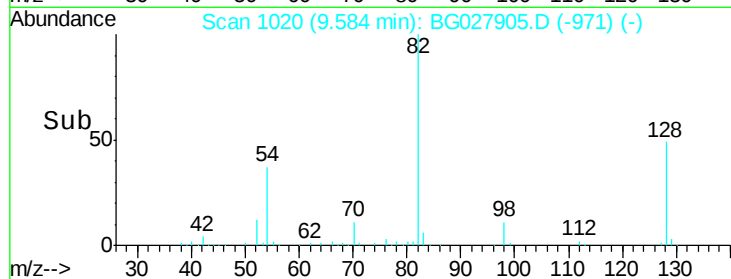
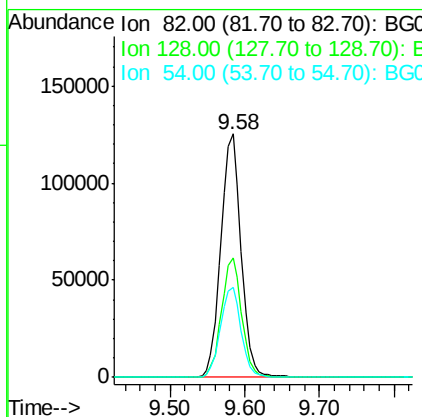
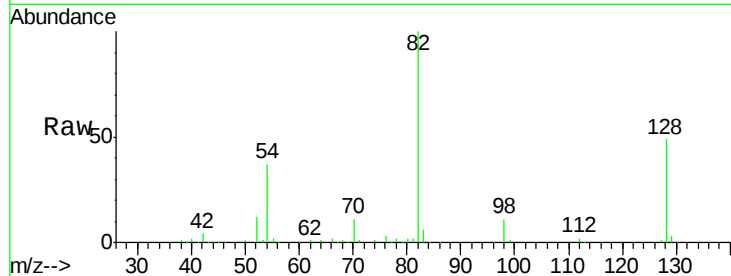
#23
 Nitrobenzene-d5
 Concen: 81.447 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027905.D
 Acq: 11 Jul 2017 2:43

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-070717-C

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	49.1	26.4	39.6#
54	36.7	49.4	74.2#

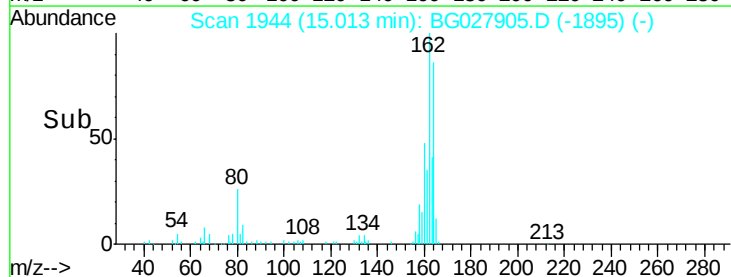
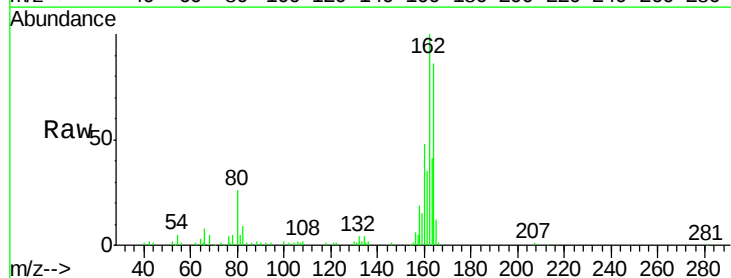
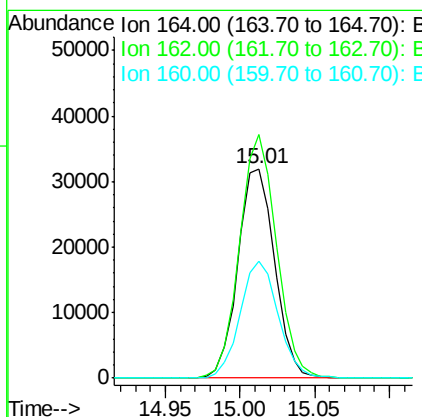
Manual Integrations
 APPROVED

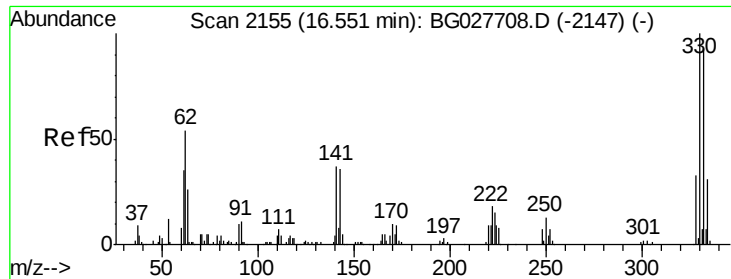
mohammad
 7/11/2017 3:34:49 PM



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG027905.D
 Acq: 11 Jul 2017 2:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	116.2	85.1	127.7
160	55.8	34.7	52.1#





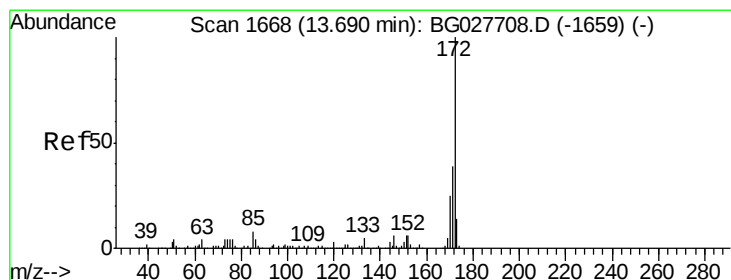
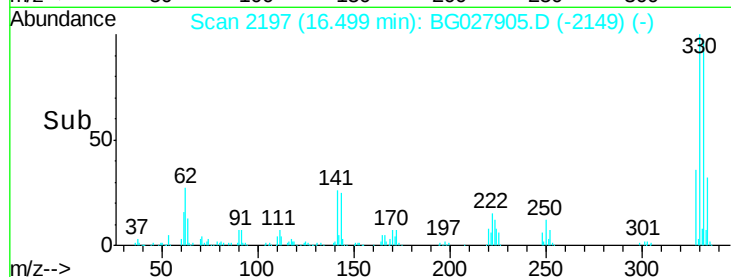
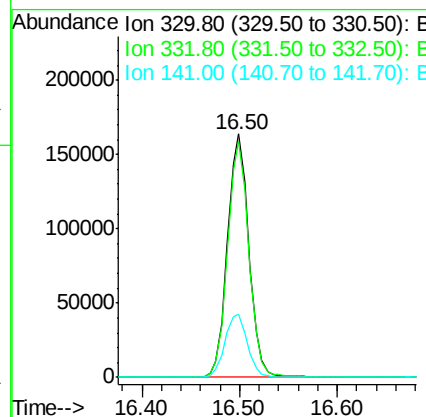
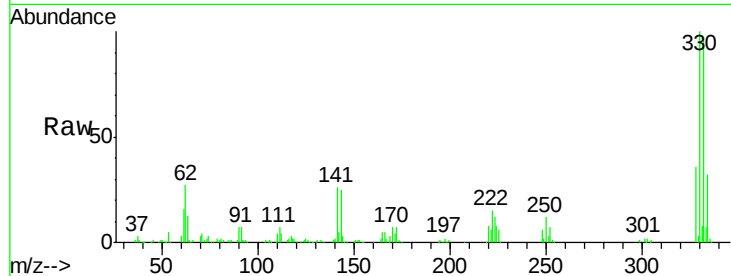
#41
 2,4,6-Tribromophenol
 Concen: 333.220 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027905.D
 Acq: 11 Jul 2017 2:43

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-070717-C

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	249667		
332	96.6	77.3	115.9	
141	27.0	32.1	48.1#	

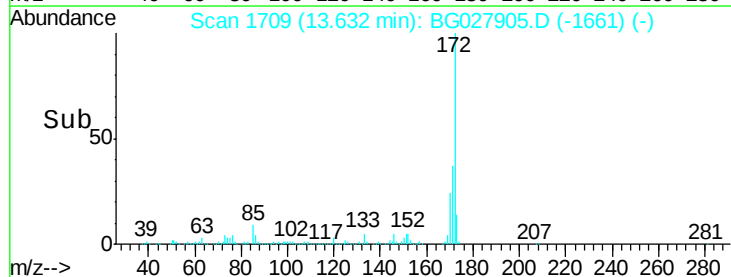
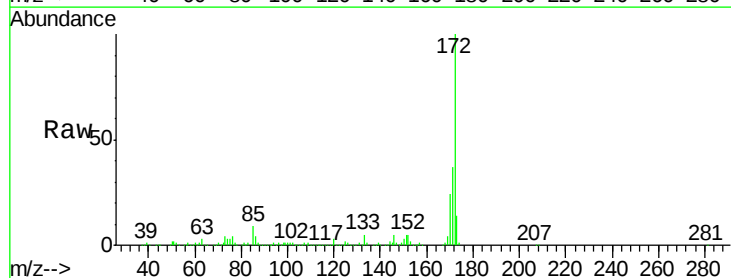
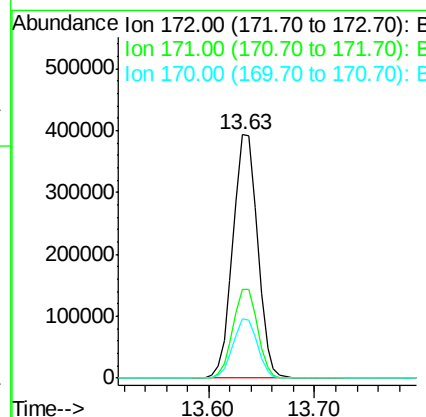
Manual Integrations
 APPROVED

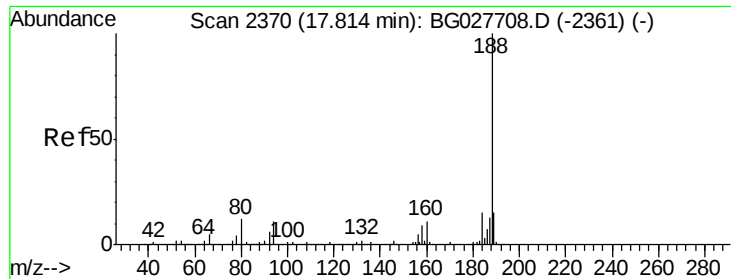
mohammad
 7/11/2017 3:34:49 PM



#44
 2-Fluorobiphenyl
 Concen: 166.454 ng
 RT: 13.63 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG027905.D
 Acq: 11 Jul 2017 2:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	636668		
171	36.6	32.2	48.2	
170	24.1	21.8	32.6	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.76 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BG027905.D

Acq: 11 Jul 2017 2:43

Instrument :

BNA_G

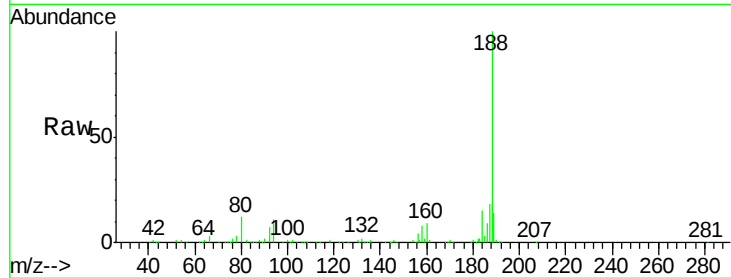
ClientSampleId :

EO-03-070717-C

Tgt Ion:	188	Resp:	238753
Ion Ratio	Lower	Upper	
188	100		
94	11.2	5.8	8.8#
80	12.5	7.5	11.3#

Manual Integrations
APPROVED

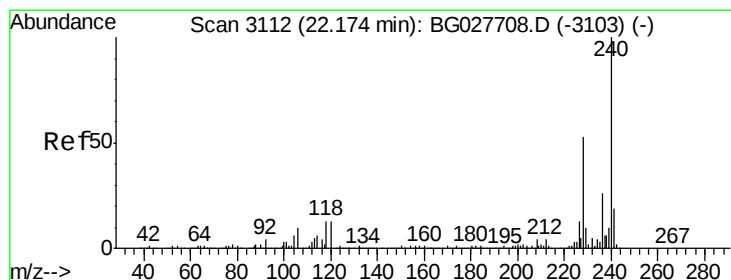
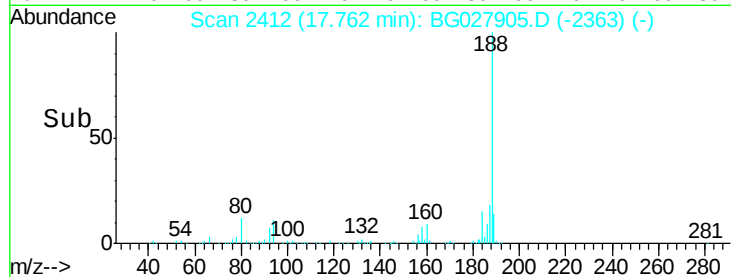
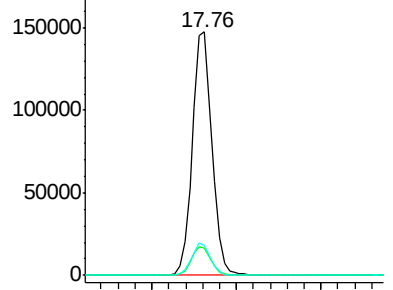
mohammad
7/11/2017 3:34:49 PM



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

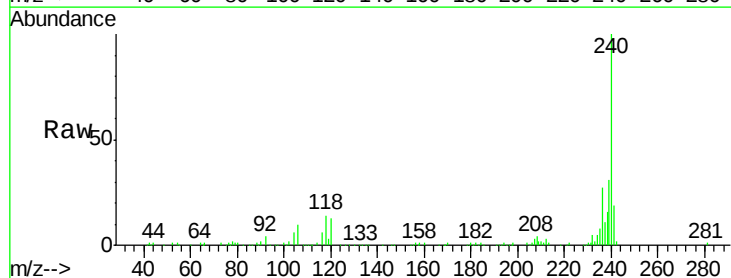
RT: 22.10 min Scan# 3151

Delta R.T. -0.02 min

Lab File: BG027905.D

Acq: 11 Jul 2017 2:43

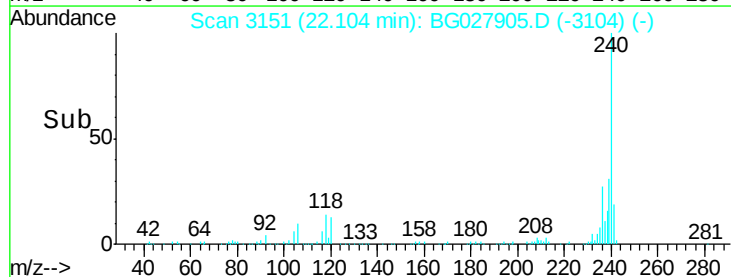
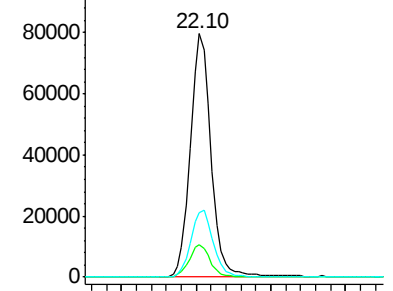
Tgt Ion:	240	Resp:	154492
Ion Ratio	Lower	Upper	
240	100		
120	13.5	5.7	8.5#
236	26.7	22.2	33.4

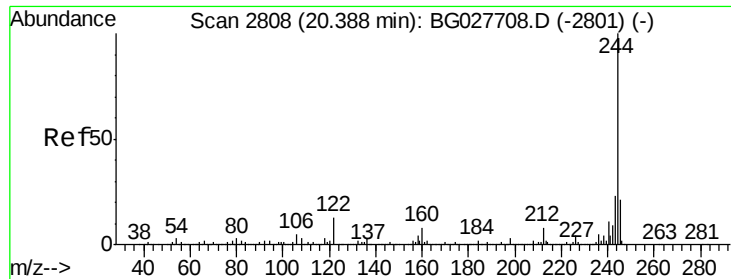


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





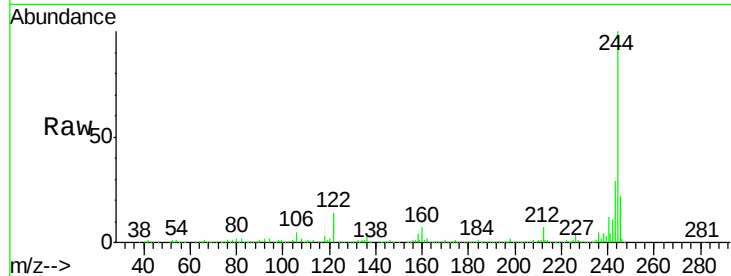
#78
 Terphenyl-d14
 Concen: 212.287 ng
 RT: 20.34 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BG027905.D
 Acq: 11 Jul 2017 2:43

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-070717-C

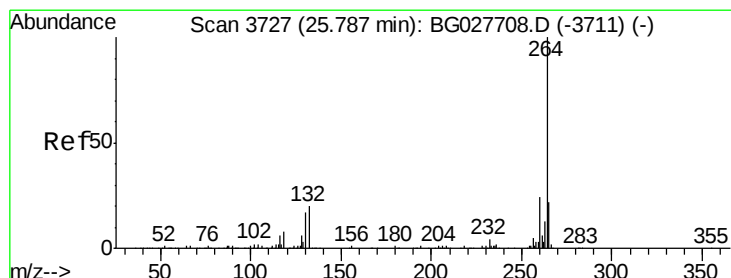
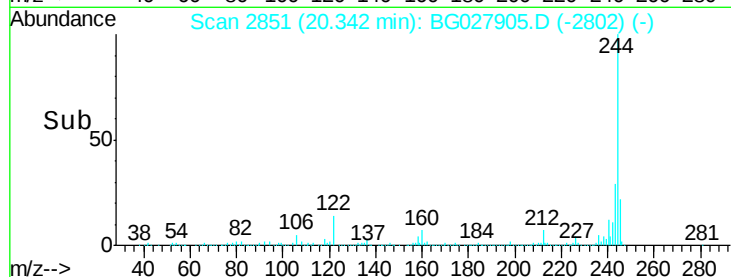
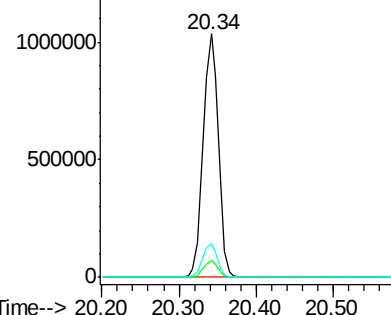
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	10.0	15.0#
122	13.9	8.6	12.8#

Manual Integrations
 APPROVED

mohammad
 7/11/2017 3:34:49 PM



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 m
 RT: 25.66 min Scan# 3757
 Delta R.T. -0.04 min
 Lab File: BG027905.D
 Acq: 11 Jul 2017 2:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	31.7	21.8	32.8
265	26.7	18.2	27.4

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

