

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
 Data File : BG025571.D
 Acq On : 21 Jan 2017 13:24
 Operator : UM/SJ
 Sample : I1329-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S2-0-3FT-COMP

Manual Integrations
 APPROVED

mohammad
 1/23/2017 5:00:12 PM

Quant Time: Jan 23 02:35:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	71162	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	301261	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	238964	20.00	ng	-0.01
63) Phenanthrene-d10	17.55	188	509162	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	683731	20.00	ng	-0.02
86) Perylene-d12	25.23	264	715521	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	103524	26.44	ng	-0.01
7) Phenol-d6	7.34	99	544232	98.70	ng	-0.01
23) Nitrobenzene-d5	9.36	82	563553	82.64	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	40942	10.64	ng	-0.01
44) 2-Fluorobiphenyl	13.43	172	1038260	70.34	ng	-0.02
78) Terphenyl-d14	20.14	244	1685377	65.36	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.37	94	26509	4.34	ng	# 78
30) 1,2,4-Trichlorobenzene	10.87	180	18611	3.06	ng	# 77
31) Naphthalene	11.06	128	53904	3.58	ng	96
37) 2-Methylnaphthalene	12.65	142	37532	3.37	ng	98
49) Dimethylphthalate	14.25	163	238223	13.67	ng	99
70) Phenanthrene	17.60	178	177191	6.75	ng	93
74) Fluoranthene	19.60	202	263327	7.60	ng	95
77) Pyrene	19.96	202	242060	6.77	ng	97
80) Benzo(a)anthracene	21.83	228	163159m	4.28	ng	
82) Chrysene	21.90	228	172969m	4.73	ng	
83) Bis(2-ethylhexyl)phthalate	21.67	149	40285	2.02	ng	# 95
85) Indeno(1,2,3-cd)pyrene	29.13	276	99912	2.15	ng	# 75
87) Benzo(b)fluoranthene	24.16	252	211784	5.42	ng	# 94
89) Benzo(a)pyrene	25.07	252	138703	3.68	ng	# 96
91) Benzo(a,h,i)perylene	30.37	276	95430	2.40	ng	# 86

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

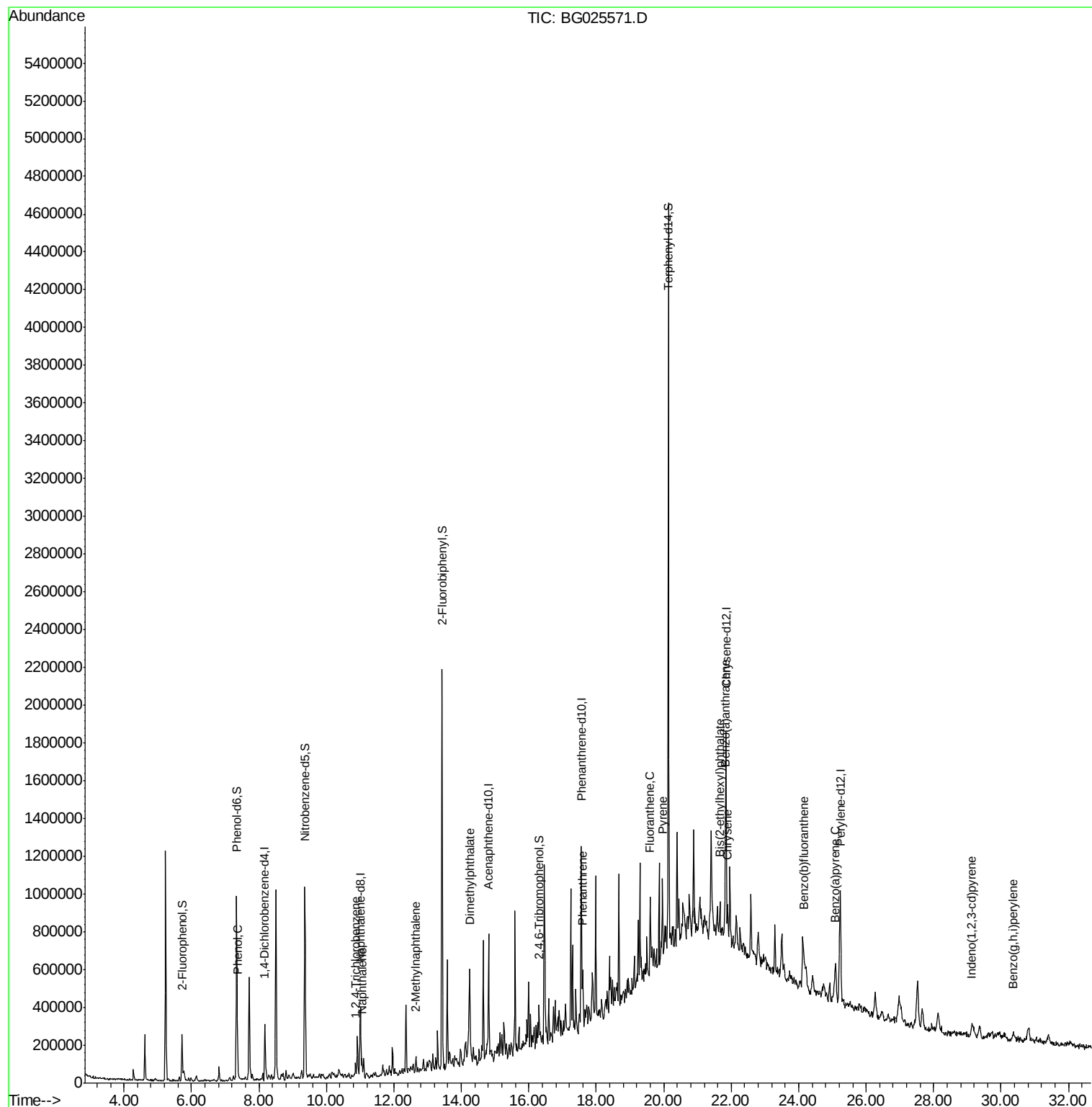
Data Path : Z:\HPCHEM1\BNA G\DATA\BG012117\
Data File : BG025571.D
Acq On : 21 Jan 2017 13:24
Operator : UM/SJ
Sample : I1329-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

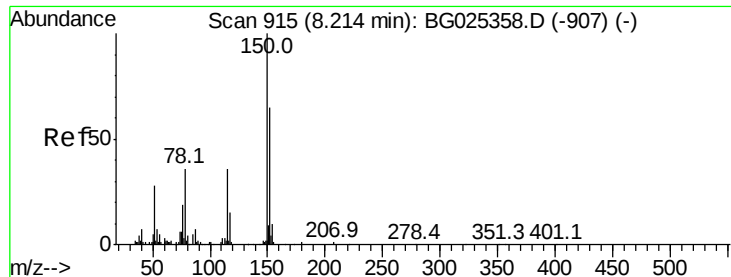
Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Manual Integrations
APPROVED

mohammad
1/23/2017 5:00:12 PM

Quant Time: Jan 23 02:35:02 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration





#1

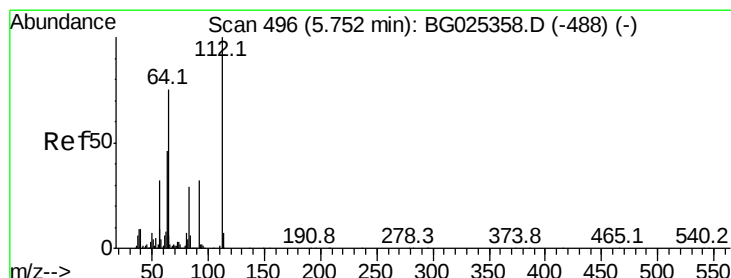
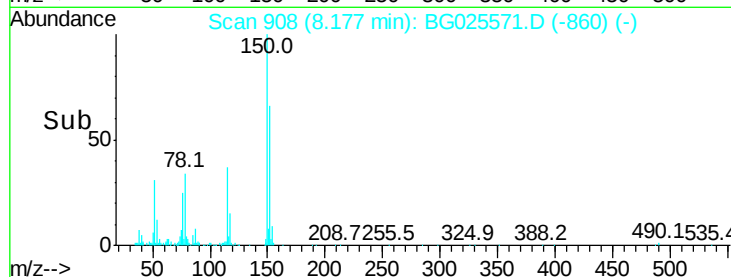
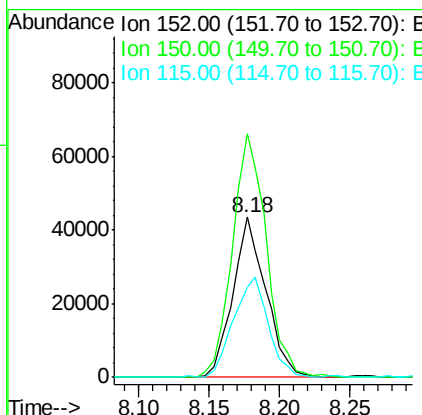
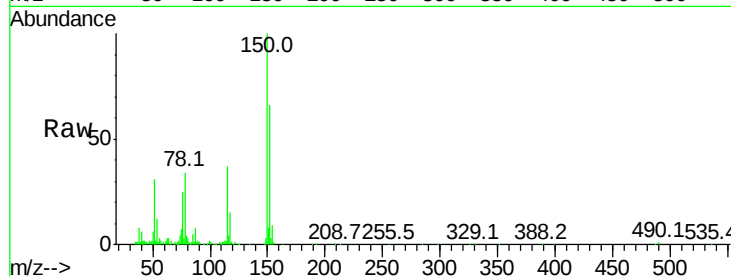
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.18 min Scan# 908
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	114.0	171.0
115	55.9	48.1	72.1

Manual Integrations
APPROVED

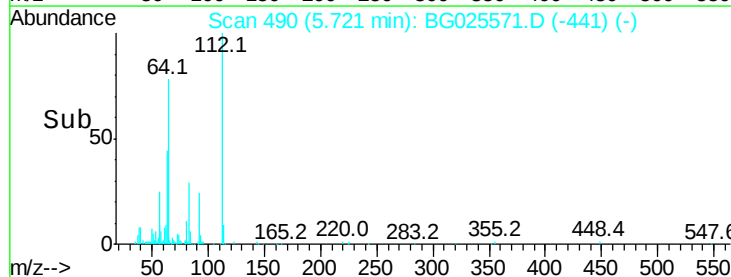
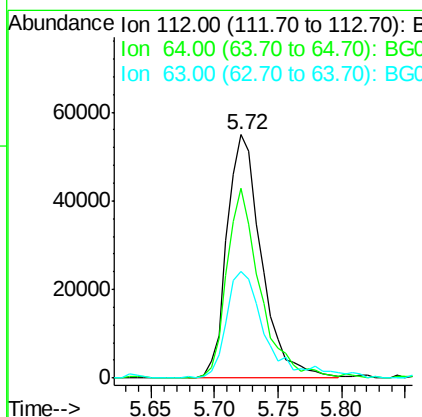
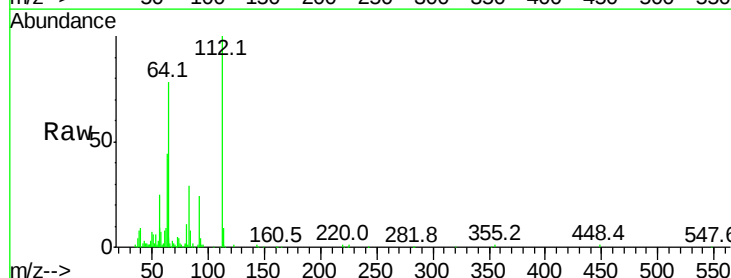
mohammad
1/23/2017 5:00:12 PM

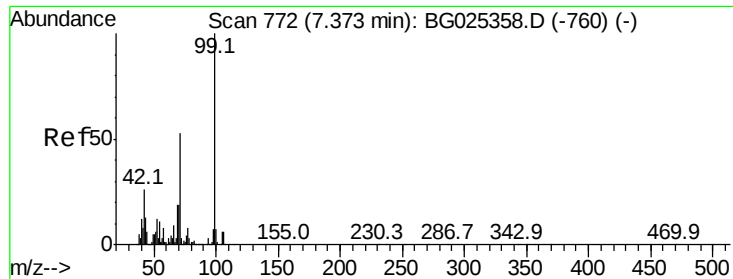


#5

2-Fluorophenol
Concen: 26.44 ng
RT: 5.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.8	61.8	92.6
63	43.9	37.2	55.8





#7

Phenol-d6

Concen: 98.70 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG025571.D

Acq: 21 Jan 2017 13:24

Instrument :

BNA_G

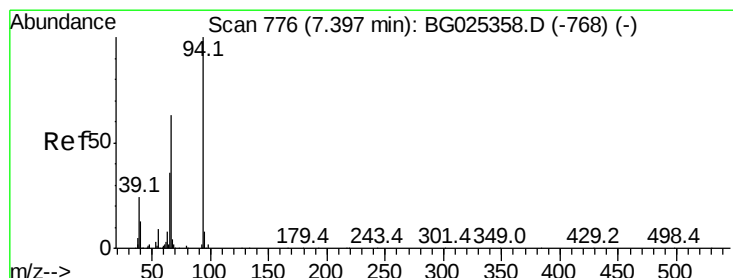
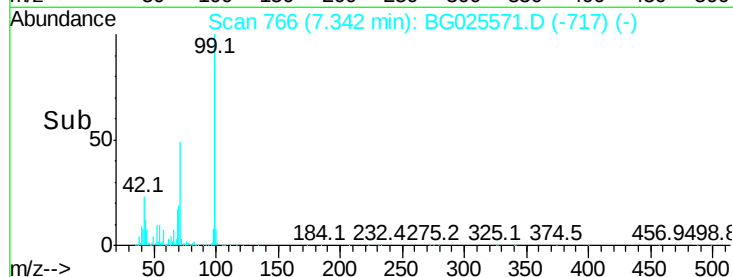
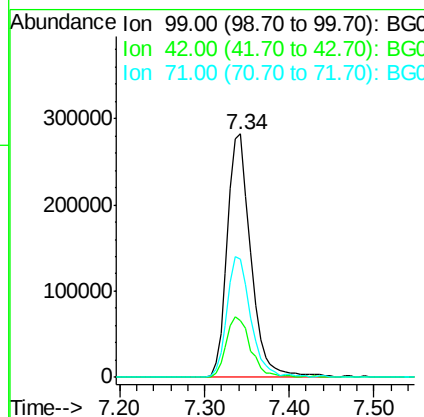
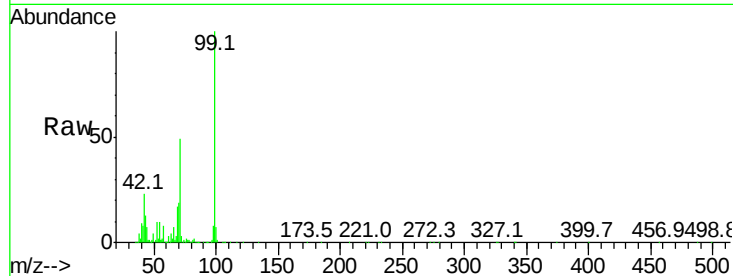
ClientSampleId :

S2-0-3FT-COMP

Tot Ion:	99	Resp:	544232
Ion Ratio	Lower	Upper	
99	100		
42	23.3	20.5	30.7
71	48.6	37.6	56.4

Manual Integrations
APPROVED

mohammad
1/23/2017 5:00:12 PM



#10

Phenol

Concen: 4.34 ng

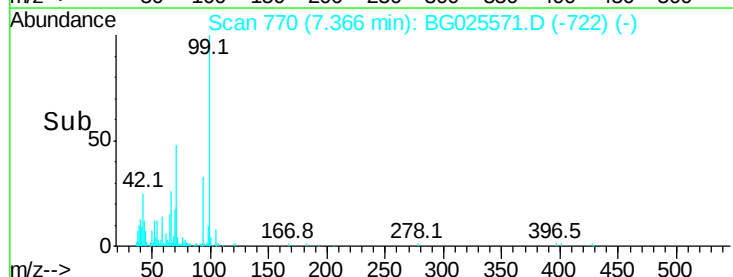
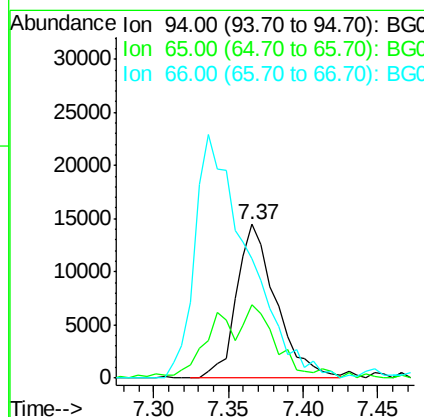
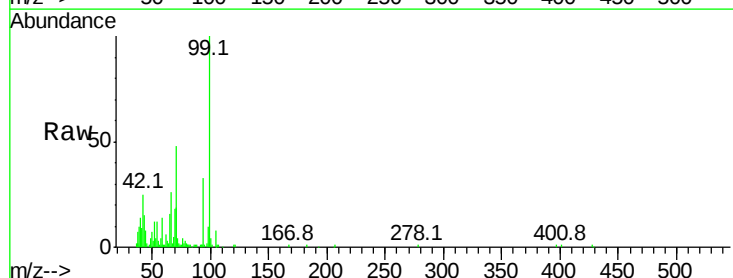
RT: 7.37 min Scan# 770

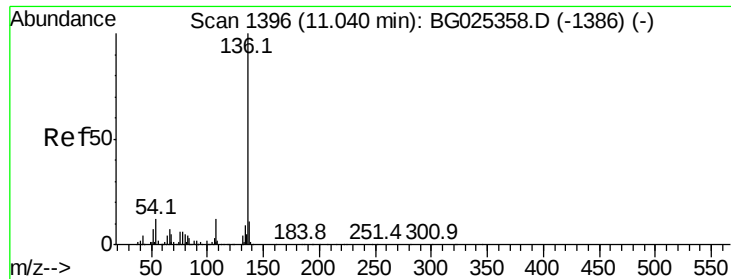
Delta R.T. -0.02 min

Lab File: BG025571.D

Acq: 21 Jan 2017 13:24

Tgt Ion:	94	Resp:	26509
Ion Ratio	Lower	Upper	
94	100		
65	47.3	20.6	60.6
66	77.7	35.5	75.5#





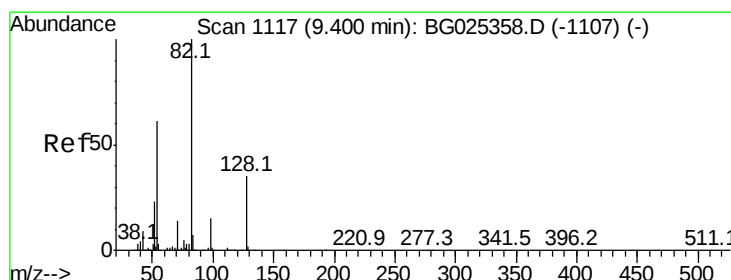
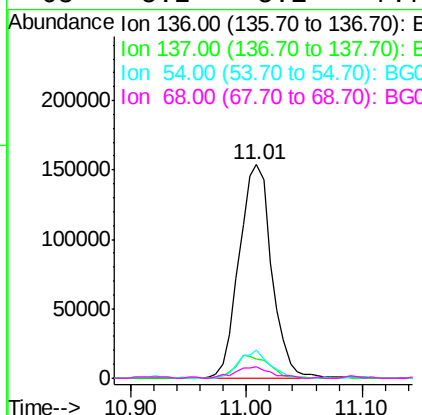
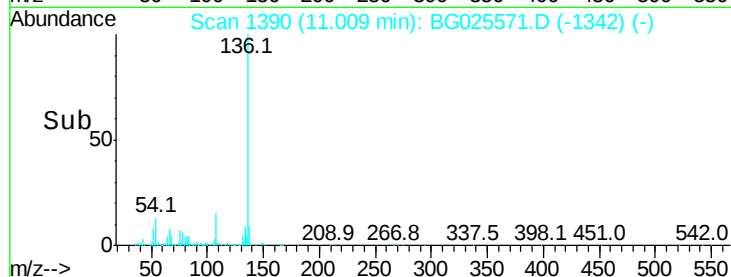
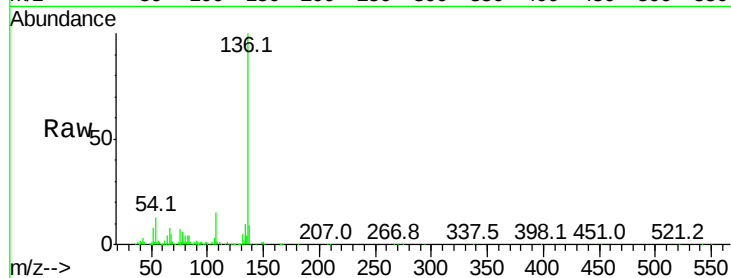
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.01 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	9.3	8.9	13.3
54	13.1	9.3	13.9
68	5.2	5.1	7.7

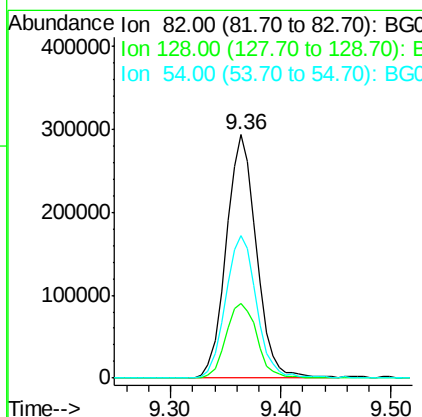
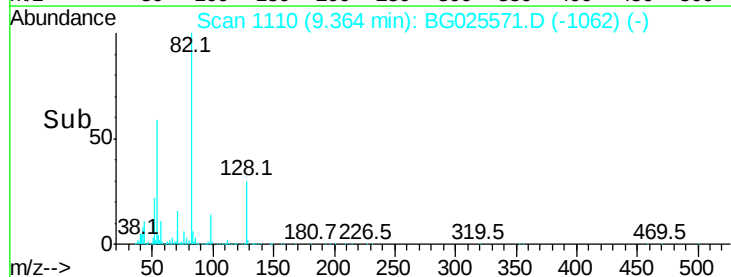
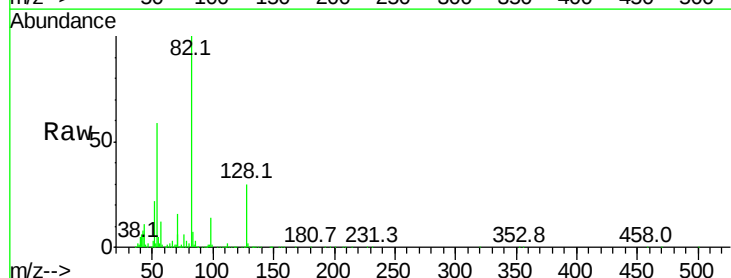
Manual Integrations
APPROVED

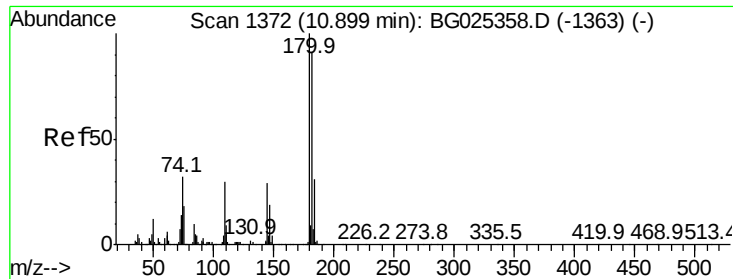
mohammad
1/23/2017 5:00:12 PM



#23
Nitrobenzene-d5
Concen: 82.64 ng
RT: 9.36 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	30.4	26.4	39.6
54	58.6	49.4	74.2





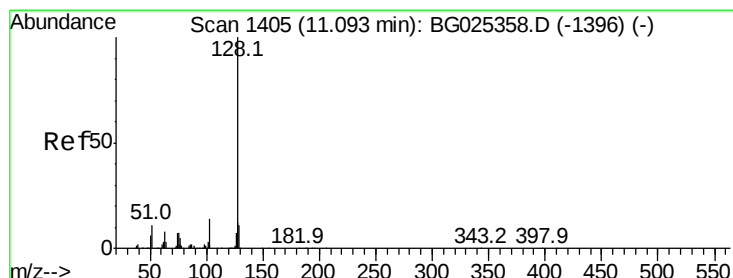
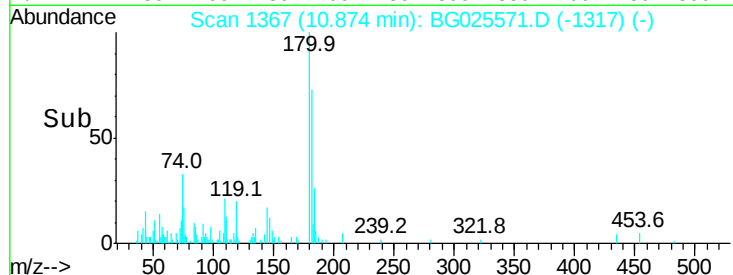
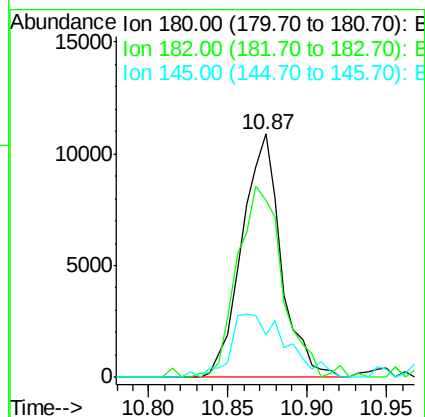
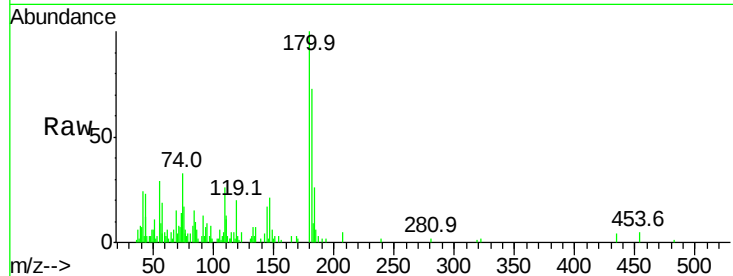
#30
 1,2,4-Trichlorobenzene
 Concen: 3.06 ng
 RT: 10.87 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BG025571.D
 Acq: 21 Jan 2017 13:24

Instrument :
 BNA_G
 ClientSampleId :
 S2-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
180	100		
182	72.8	77.0	115.4#
145	17.4	23.4	35.0#

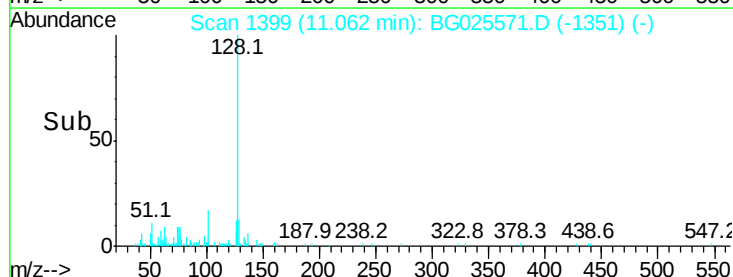
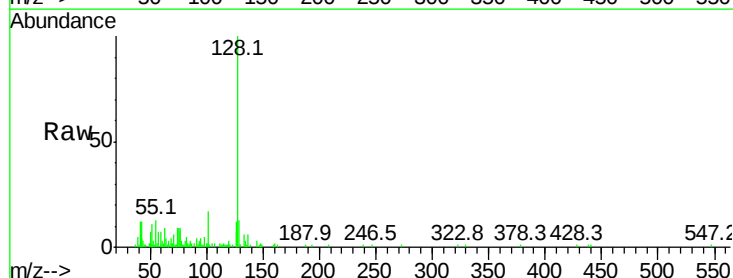
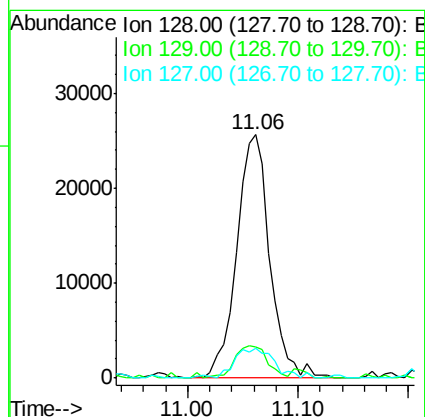
Manual Integrations
 APPROVED

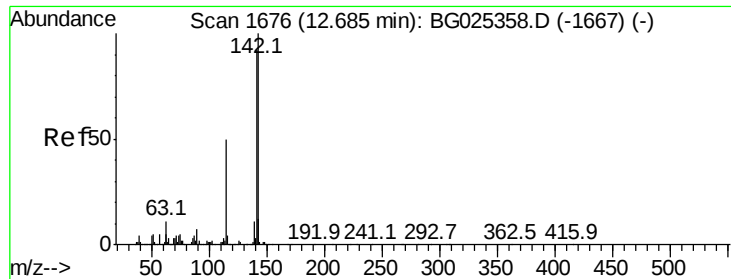
mohammad
 1/23/2017 5:00:12 PM



#31
 Naphthalene
 Concen: 3.58 ng
 RT: 11.06 min Scan# 1399
 Delta R.T. -0.02 min
 Lab File: BG025571.D
 Acq: 21 Jan 2017 13:24

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.3	13.9
127	12.1	11.4	17.0





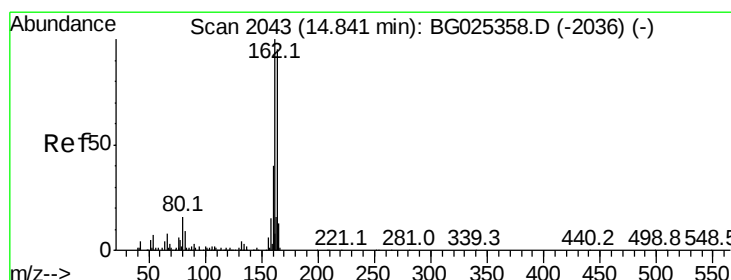
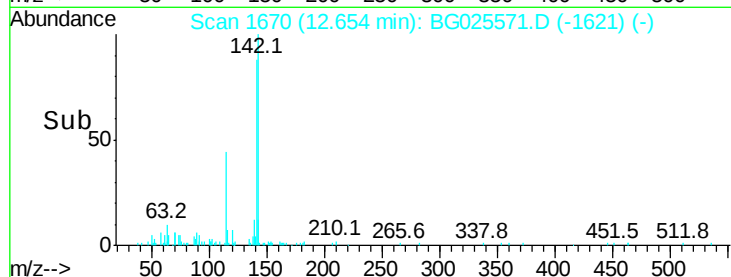
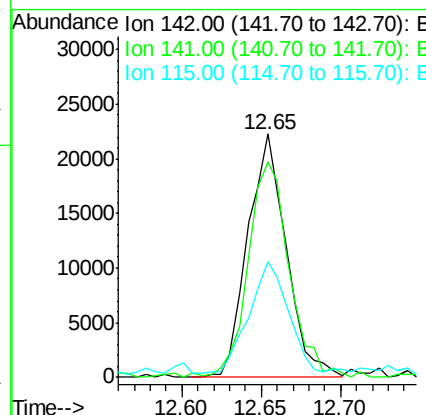
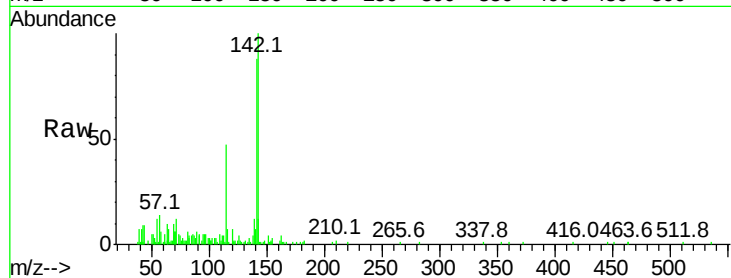
#37
2-Methylnaphthalene
Concen: 3.37 ng
RT: 12.65 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.4	105.6
115	47.4	35.5	53.3

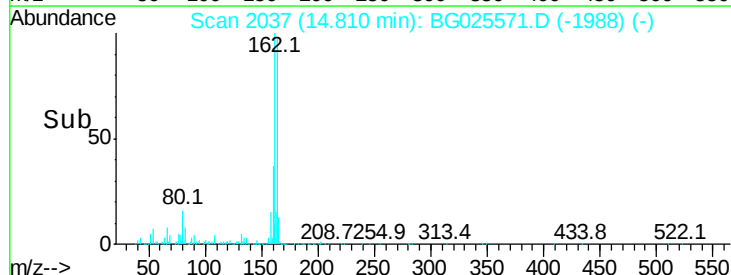
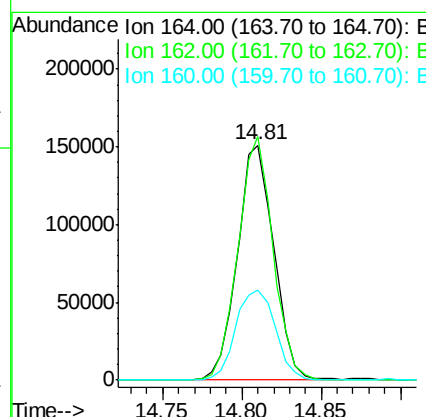
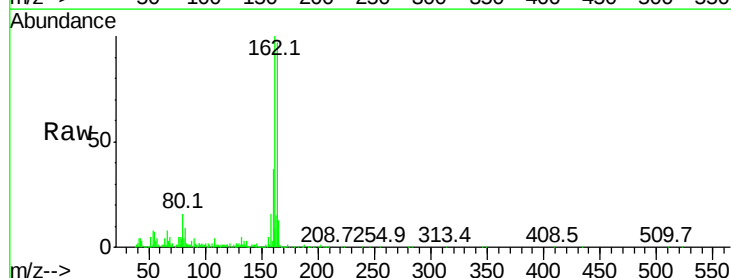
Manual Integrations
APPROVED

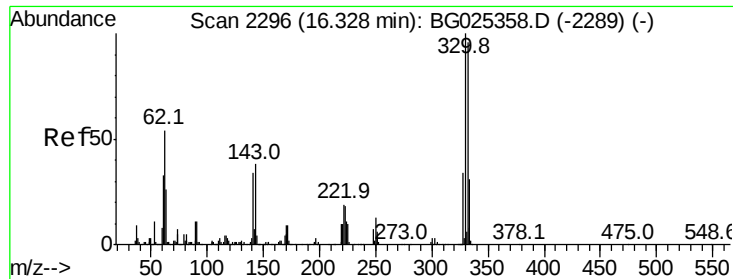
mohammad
1/23/2017 5:00:12 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	38.4	34.7	52.1





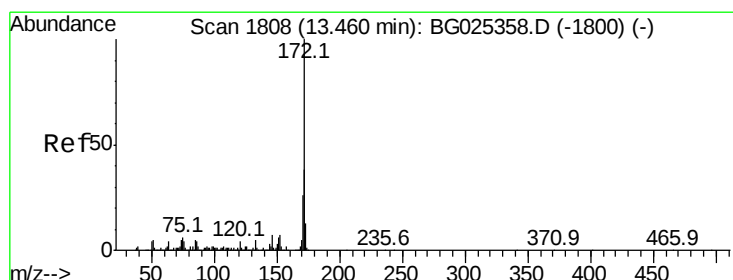
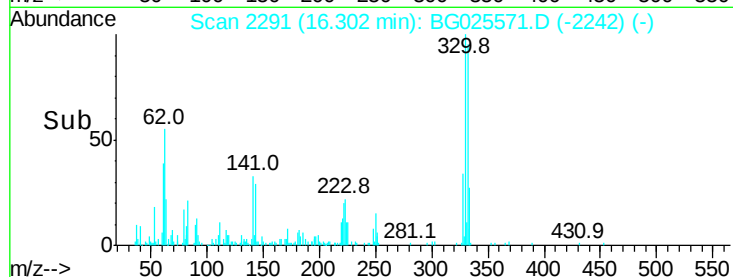
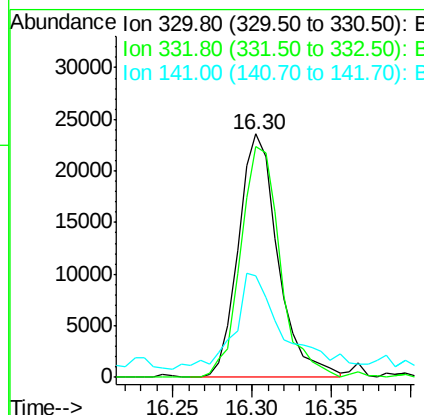
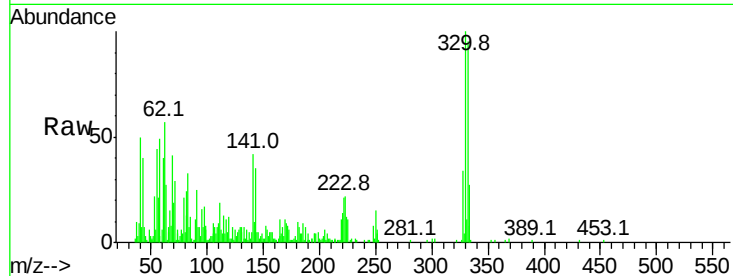
#41
 2,4,6-Tribromophenol
 Concen: 10.64 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG025571.D
 Acq: 21 Jan 2017 13:24

Instrument :
 BNA_G
 ClientSampleId :
 S2-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.3	115.9
141	48.3	32.1	48.1#

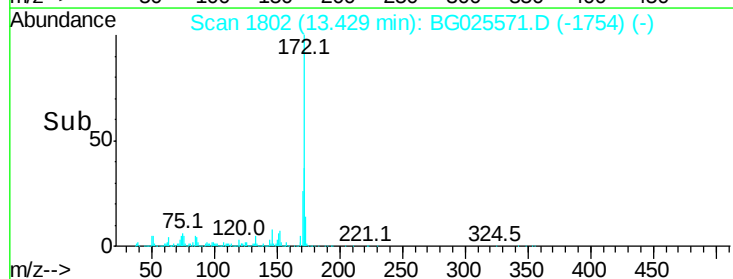
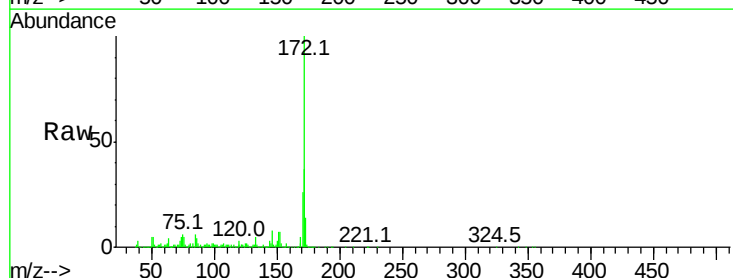
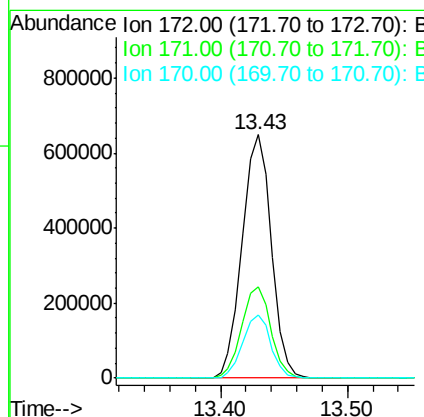
Manual Integrations
 APPROVED

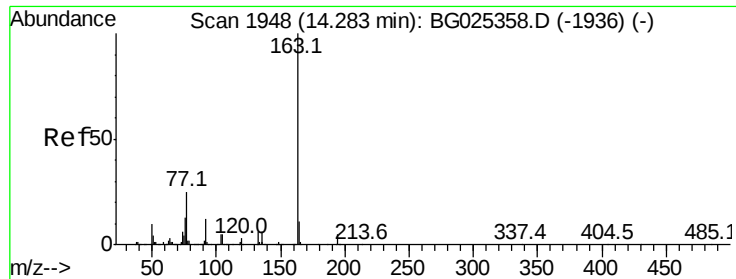
mohammad
 1/23/2017 5:00:12 PM



#44
 2-Fluorobiphenyl
 Concen: 70.34 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025571.D
 Acq: 21 Jan 2017 13:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	25.7	21.8	32.6





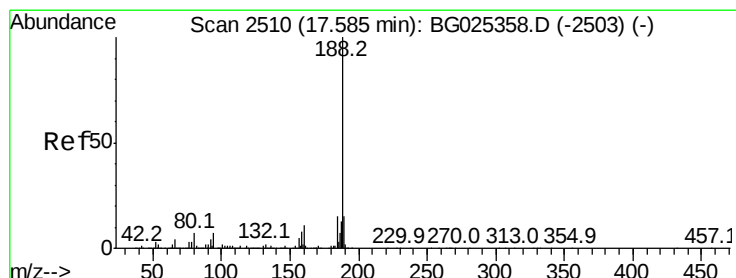
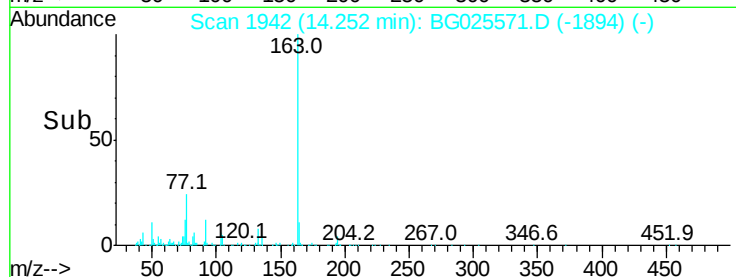
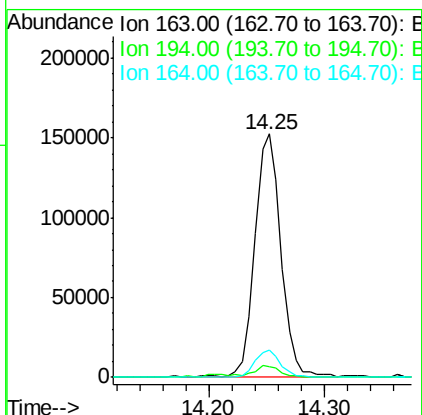
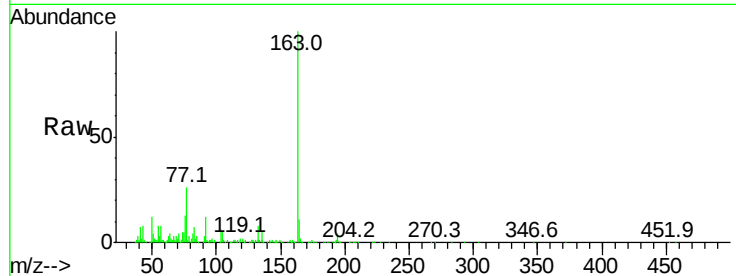
#49
Dimethylphthalate
Concen: 13.67 ng
RT: 14.25 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	238223		
194	4.3		3.8	5.6
164	11.3		9.3	13.9

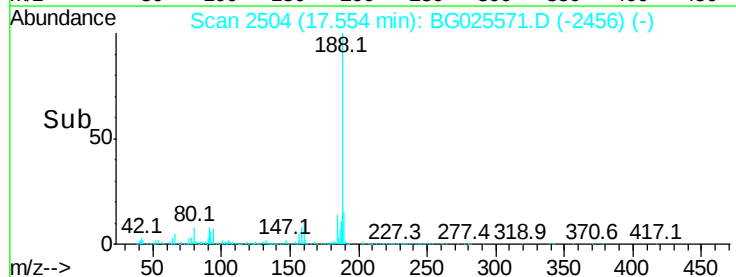
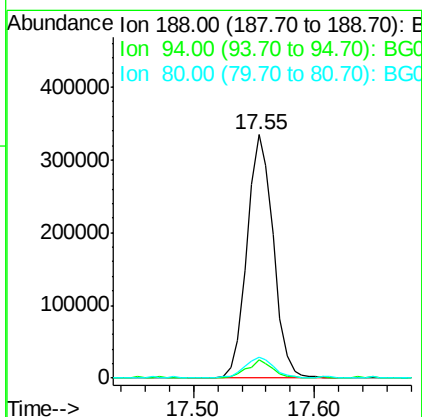
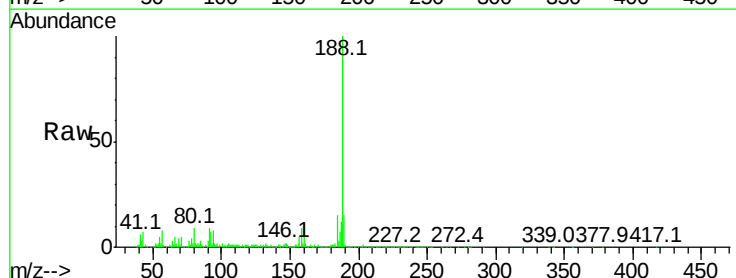
Manual Integrations
APPROVED

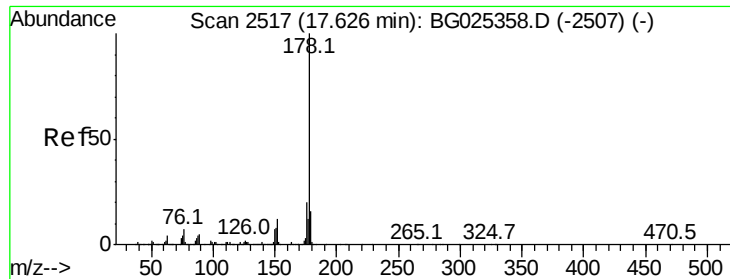
mohammad
1/23/2017 5:00:12 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.02 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	509162		
94	7.7		5.8	8.8
80	8.6		7.5	11.3





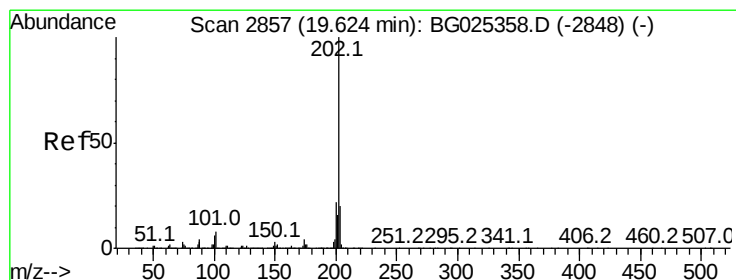
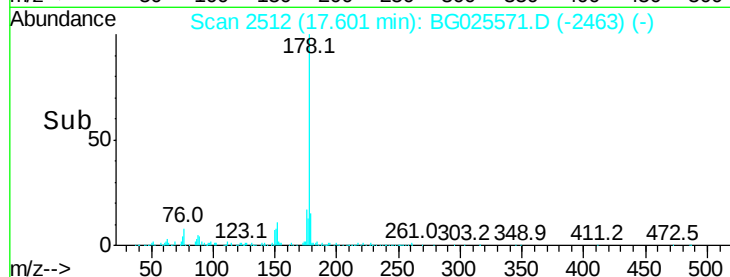
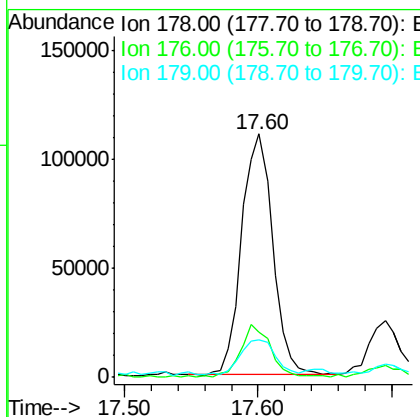
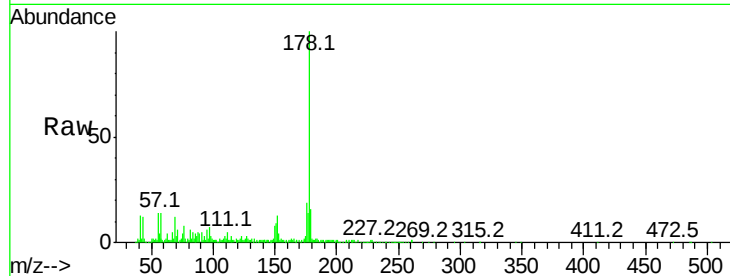
#70
Phenanthrene
Concen: 6.75 ng
RT: 17.60 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	17.7	26.5
179	15.6	15.0	22.6

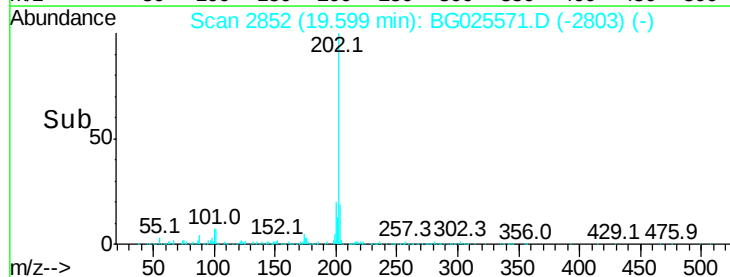
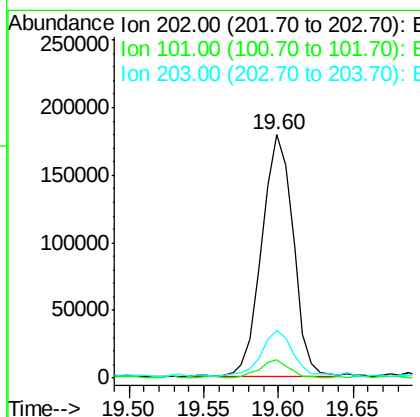
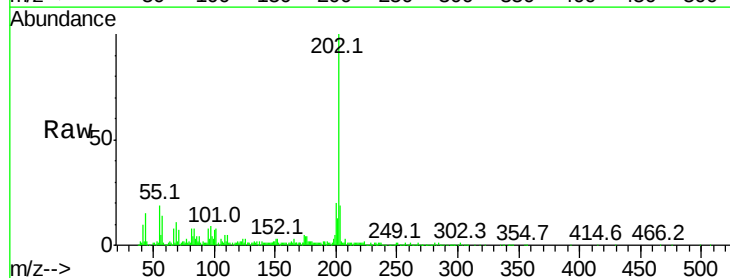
Manual Integrations
APPROVED

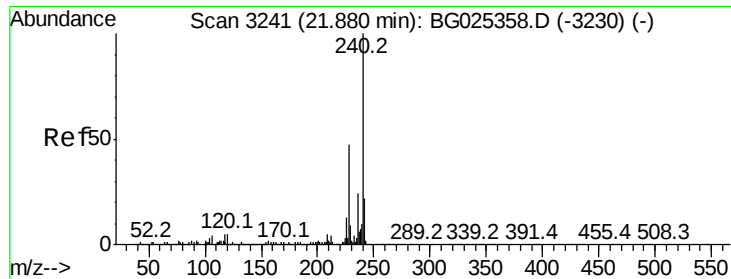
mohammad
1/23/2017 5:00:12 PM



#74
Fluoranthene
Concen: 7.60 ng
RT: 19.60 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	30.1
203	19.4	1.3	41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG025571.D

Acq: 21 Jan 2017 13:24

Instrument :

BNA_G

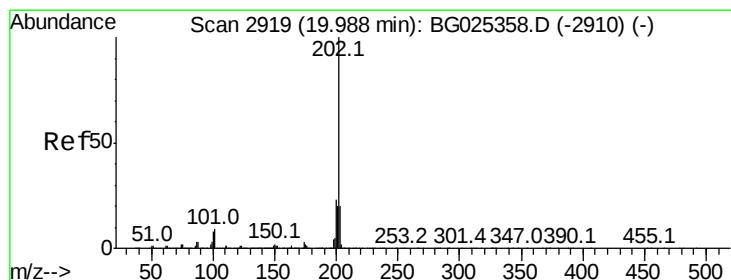
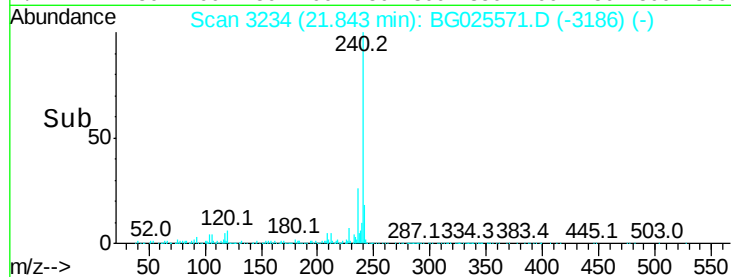
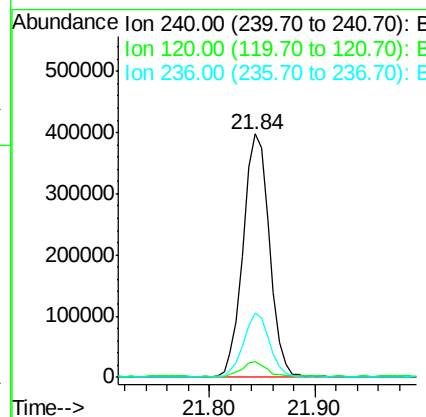
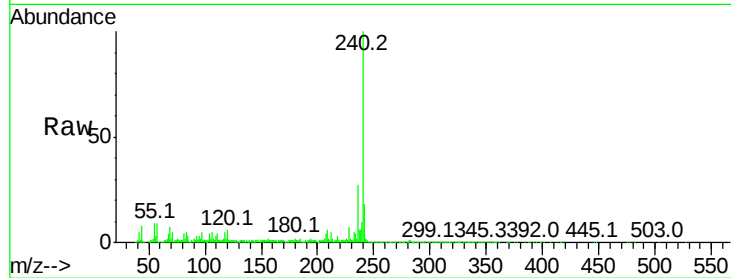
ClientSampleId :

S2-0-3FT-COMP

Tot Ion:	240	Resp:	683731
Ion Ratio	Lower	Upper	
240	100		
120	6.4	5.7	8.5
236	26.6	22.2	33.4

Manual Integrations
APPROVED

mohammad
1/23/2017 5:00:12 PM



#77

Pyrene

Concen: 6.77 ng

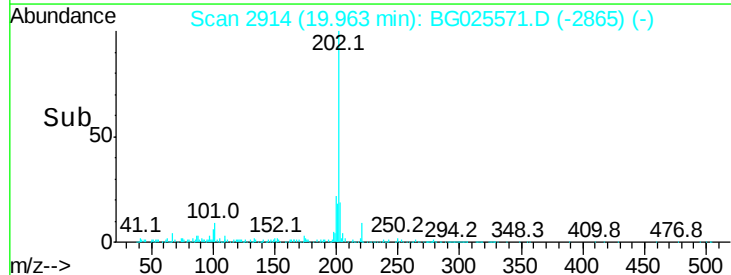
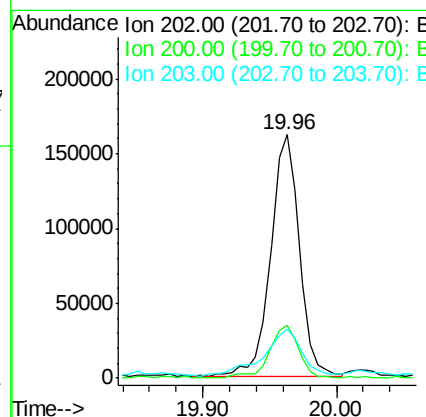
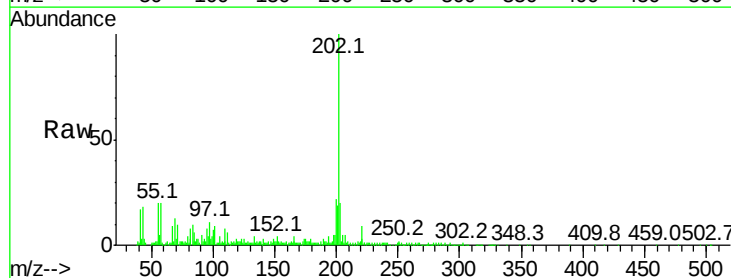
RT: 19.96 min Scan# 2914

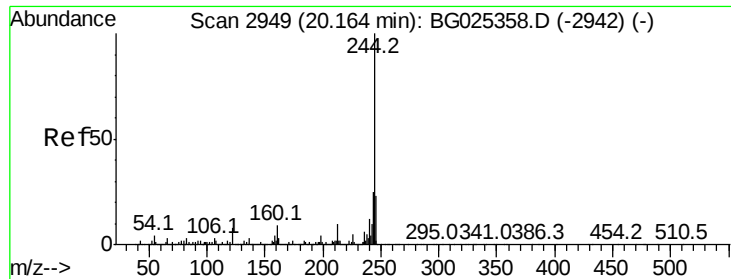
Delta R.T. -0.01 min

Lab File: BG025571.D

Acq: 21 Jan 2017 13:24

Tgt Ion:	202	Resp:	242060
Ion Ratio	Lower	Upper	
202	100		
200	21.9	19.6	29.4
203	20.0	15.8	23.8





#78

Terphenyl-d14

Concen: 65.36 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BG025571.D

Acq: 21 Jan 2017 13:24

Instrument :

BNA_G

ClientSampleId :

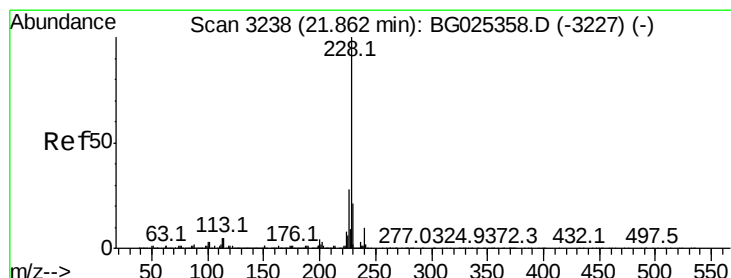
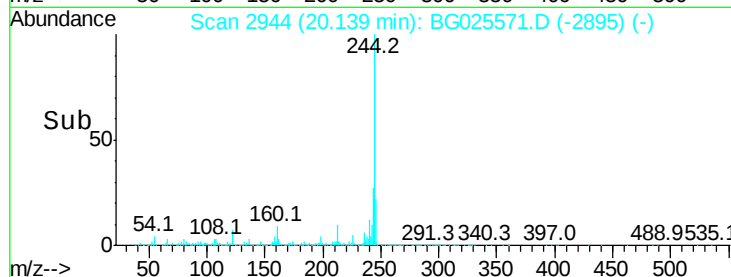
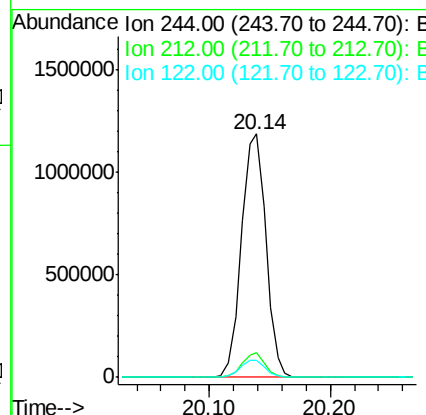
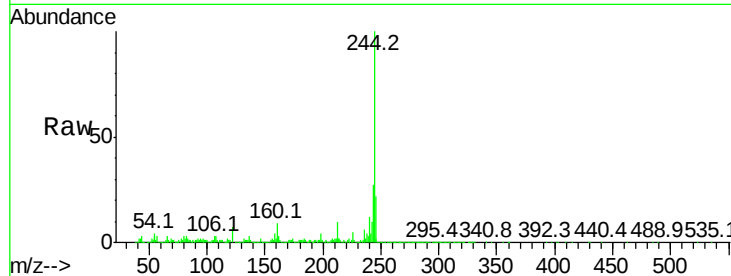
S2-0-3FT-COMP

Tot Ion:244 Resp: 1685377

Ion	Ratio	Lower	Upper
244	100		
212	10.1	10.0	15.0
122	7.3	8.6	12.8

Manual Integrations
APPROVED

mohammad
1/23/2017 5:00:12 PM



#80

Benzo(a)anthracene

Concen: 4.28 ng

RT: 21.83 min Scan# 3231

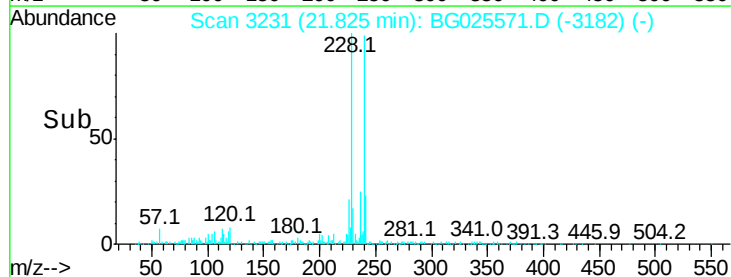
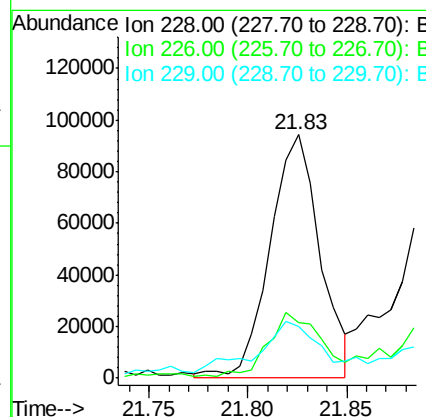
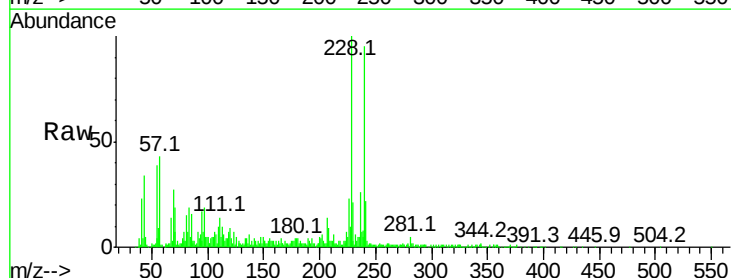
Delta R.T. -0.01 min

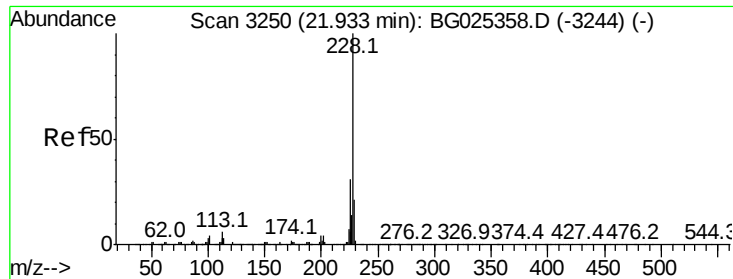
Lab File: BG025571.D

Acq: 21 Jan 2017 13:24

Tgt Ion:228 Resp: 163159

Ion	Ratio	Lower	Upper
228	100		
226	22.8	24.9	37.3
229	21.1	18.2	27.2





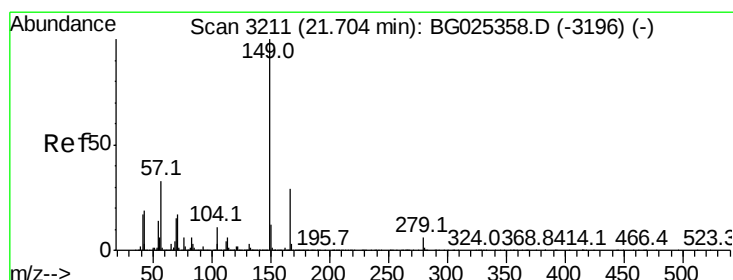
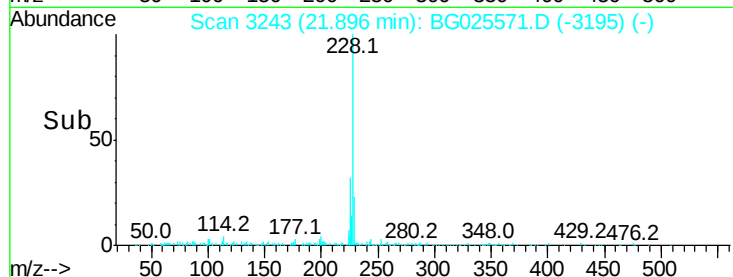
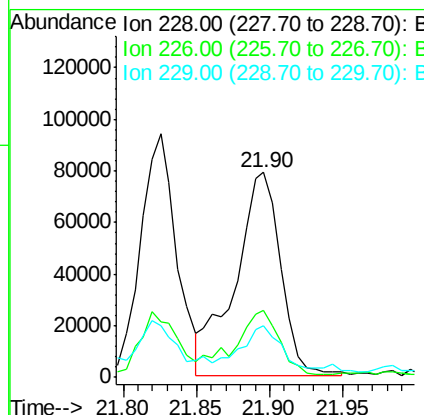
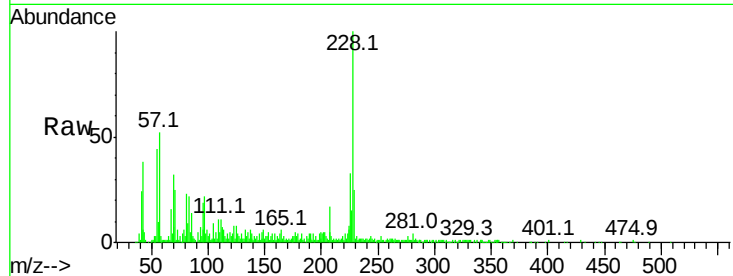
#82
 Chrysene
 Concen: 4.73 ng/ml
 RT: 21.90 min Scan# 3243
 Delta R.T. -0.02 min
 Lab File: BG025571.D
 Acq: 21 Jan 2017 13:24

Instrument :
 BNA_G
 ClientSampleId :
 S2-0-3FT-COMP

Tot Ion:	228	Resp:	172969
Ion	Ratio	Lower	Upper
228	100		
226	32.7	27.0	40.4
229	25.0	17.8	26.6

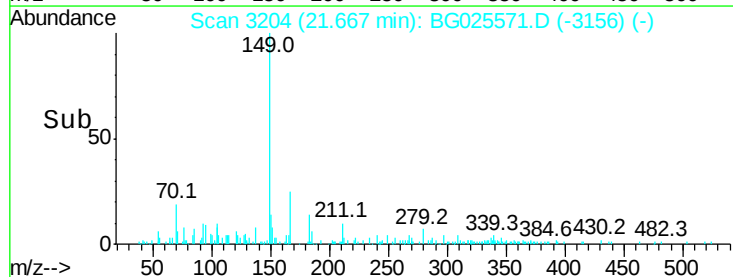
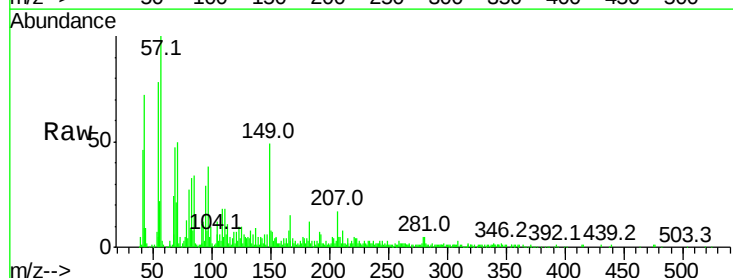
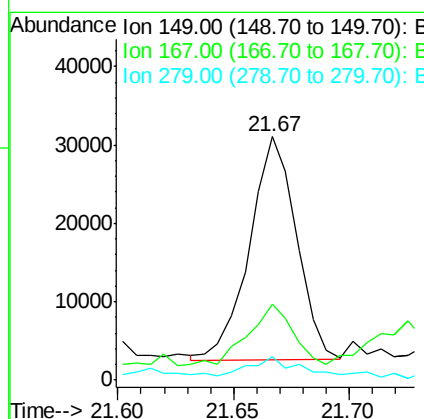
Manual Integrations
 APPROVED

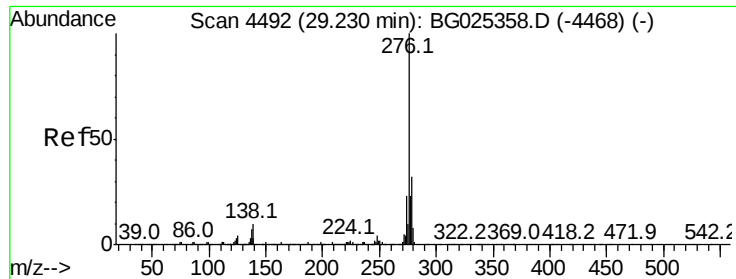
mohammad
 1/23/2017 5:00:12 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.02 ng/ml
 RT: 21.67 min Scan# 3204
 Delta R.T. -0.02 min
 Lab File: BG025571.D
 Acq: 21 Jan 2017 13:24

Tgt Ion:	149	Resp:	40285
Ion	Ratio	Lower	Upper
149	100		
167	31.4	23.7	35.5
279	9.5	4.6	6.8#





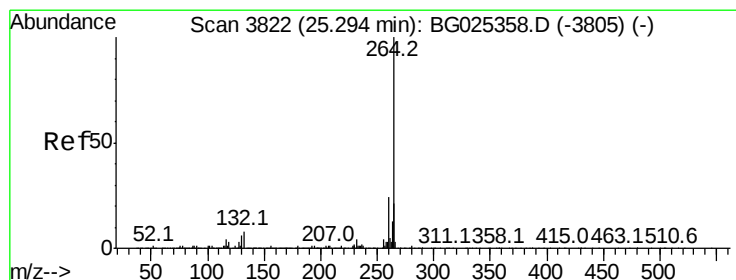
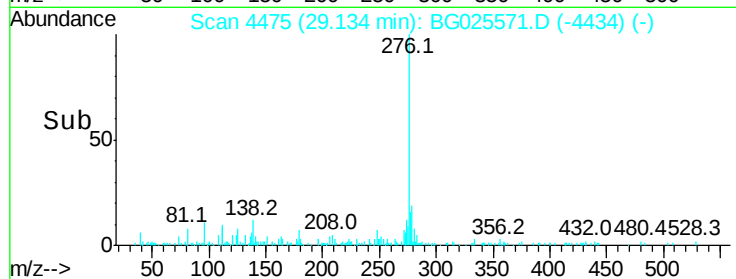
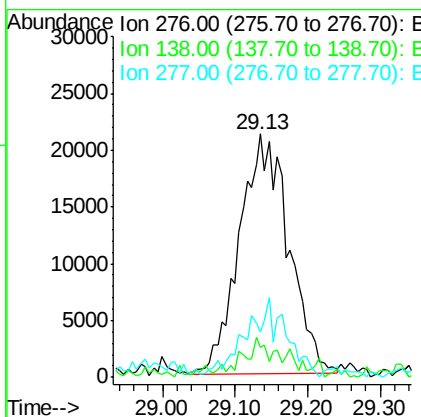
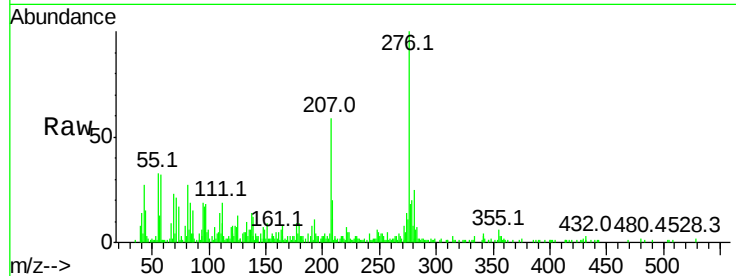
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.15 ng
RT: 29.13 min Scan# 4475
Delta R.T. -0.06 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Instrument :
BNA_G
ClientSampleId :
S2-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.2	4.7	7.1
277	10.7	20.6	31.0#

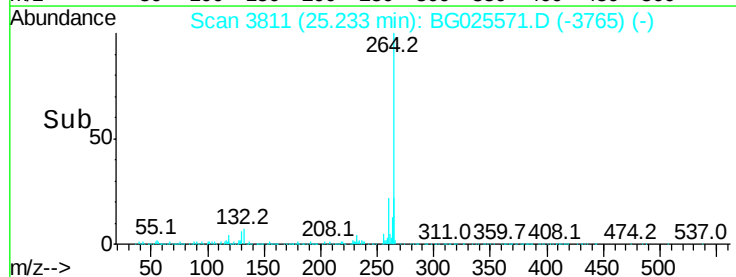
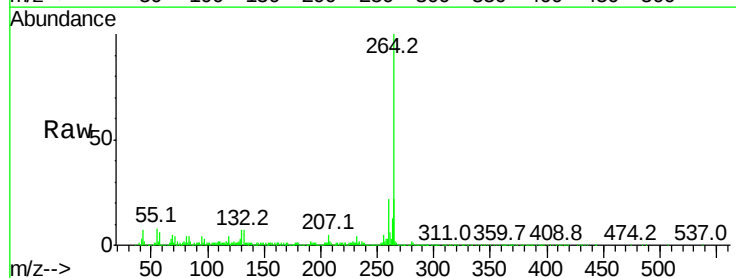
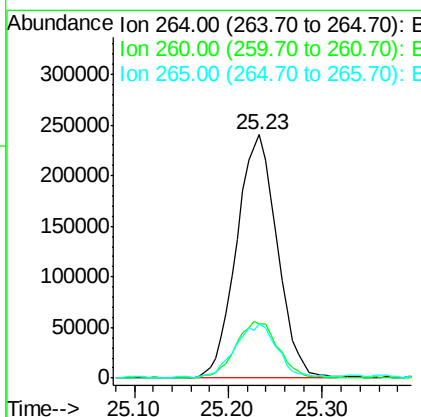
Manual Integrations
APPROVED

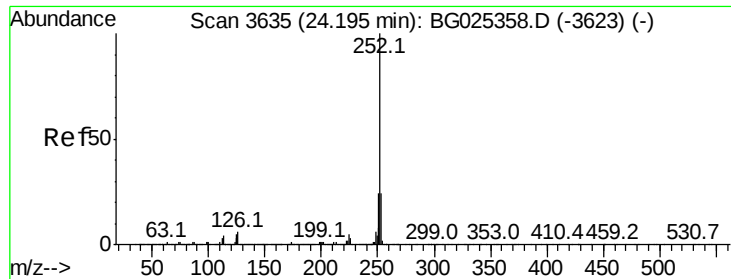
mohammad
1/23/2017 5:00:12 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.23 min Scan# 3811
Delta R.T. -0.03 min
Lab File: BG025571.D
Acq: 21 Jan 2017 13:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	21.8	32.8
265	22.2	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 5.42 ng

RT: 24.16 min Scan# 3628

Delta R.T. -0.01 min

Lab File: BG025571.D

Acq: 21 Jan 2017 13:24

Instrument :

BNA_G

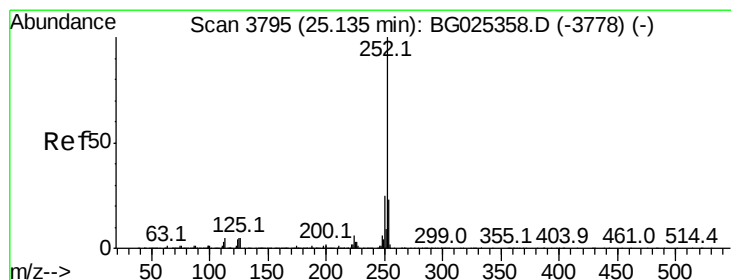
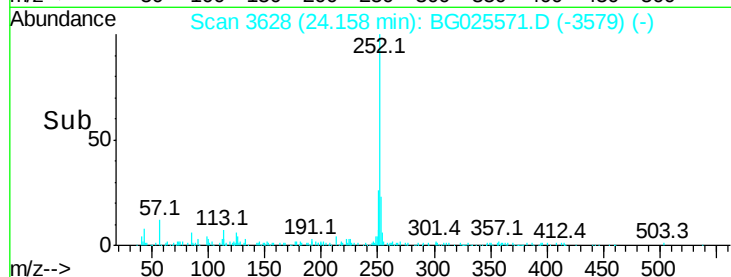
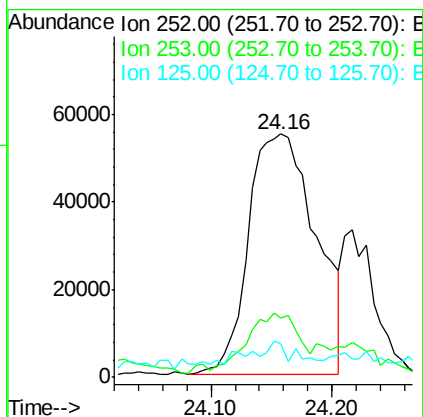
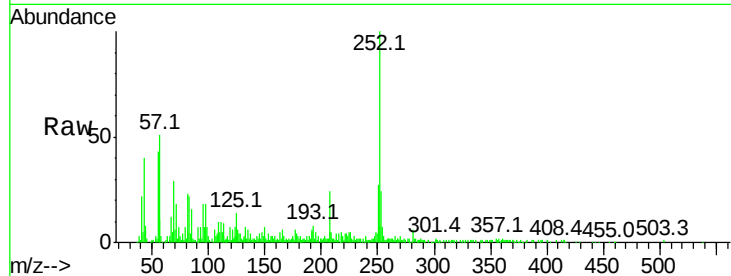
ClientSampleId :

S2-0-3FT-COMP

Tot Ion:	252	Resp:	211784
Ion Ratio	Lower	Upper	
252	100		
253	24.4	18.7	28.1
125	14.0	5.3	7.9#

Manual Integrations
APPROVED

mohammad
1/23/2017 5:00:12 PM



#89

Benzo(a)pyrene

Concen: 3.68 ng

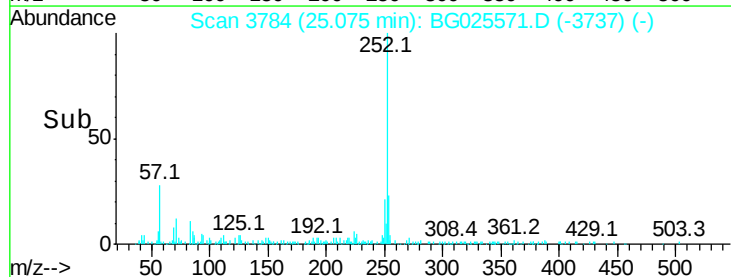
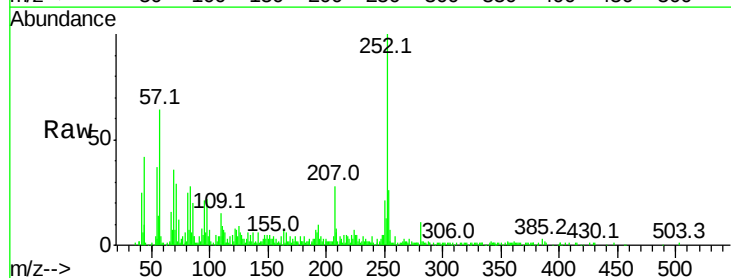
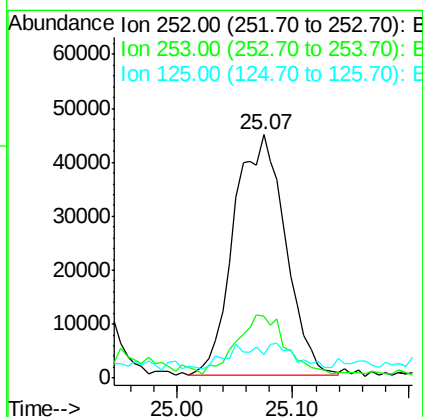
RT: 25.07 min Scan# 3784

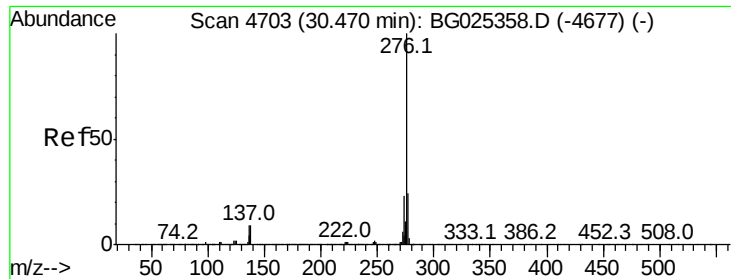
Delta R.T. -0.03 min

Lab File: BG025571.D

Acq: 21 Jan 2017 13:24

Tgt Ion:	252	Resp:	138703
Ion Ratio	Lower	Upper	
252	100		
253	25.5	19.2	28.8
125	9.4	5.4	8.0#





#91
 Benzo(a,h,i)perylene
 Concen: 2.40 ng
 RT: 30.37 min Scan# 4685
 Delta R.T. -0.06 min
 Lab File: BG025571.D
 Acq: 21 Jan 2017 13:24

Instrument :
 BNA_G
 ClientSampleId :
 S2-0-3FT-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.8	18.6	27.8#
138	8.2	8.1	12.1

Manual Integrations
 APPROVED

mohammad
 1/23/2017 5:00:12 PM

