

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044043.D
 Acq On : 14 Jan 2020 19:26
 Operator : JU
 Sample : L1108-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INWOOD-BH-02-B

Manual Integrations
 APPROVED

mohammad
 1/16/2020 1:41:59 PM

Quant Time: Jan 14 21:33:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	123036	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	495588	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	311349	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	640721	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	546550	20.00	ng	-0.01
87) Perylene-d12	24.73	264	613727	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	591450	88.26	ng	0.00
7) Phenol-d6	7.12	99	834455	89.09	ng	0.00
23) Nitrobenzene-d5	9.10	82	485745	52.43	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	287952	88.38	ng	-0.01
45) 2-Fluorobiphenyl	13.20	172	1071488	62.35	ng	-0.02
79) Terphenyl-d14	19.94	244	1459167	58.77	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.03	163	136147	6.159	ng	Qvalue 96
71) Phenanthrene	17.36	178	101221m	3.294	ng	
75) Fluoranthene	19.37	202	200779	5.713	ng	93
78) Pyrene	19.73	202	177156m	4.966	ng	
81) Benzo(a)anthracene	21.56	228	98931	2.919	ng	97
83) Chrysene	21.62	228	81997	2.546	ng	98
88) Benzo(b)fluoranthene	23.73	252	112591	3.103	ng	# 95
90) Benzo(a)pyrene	24.57	252	86362	2.522	ng	# 97
92) Benzo(g,h,i)perylene	29.47	276	75059	2.197	ng	96

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

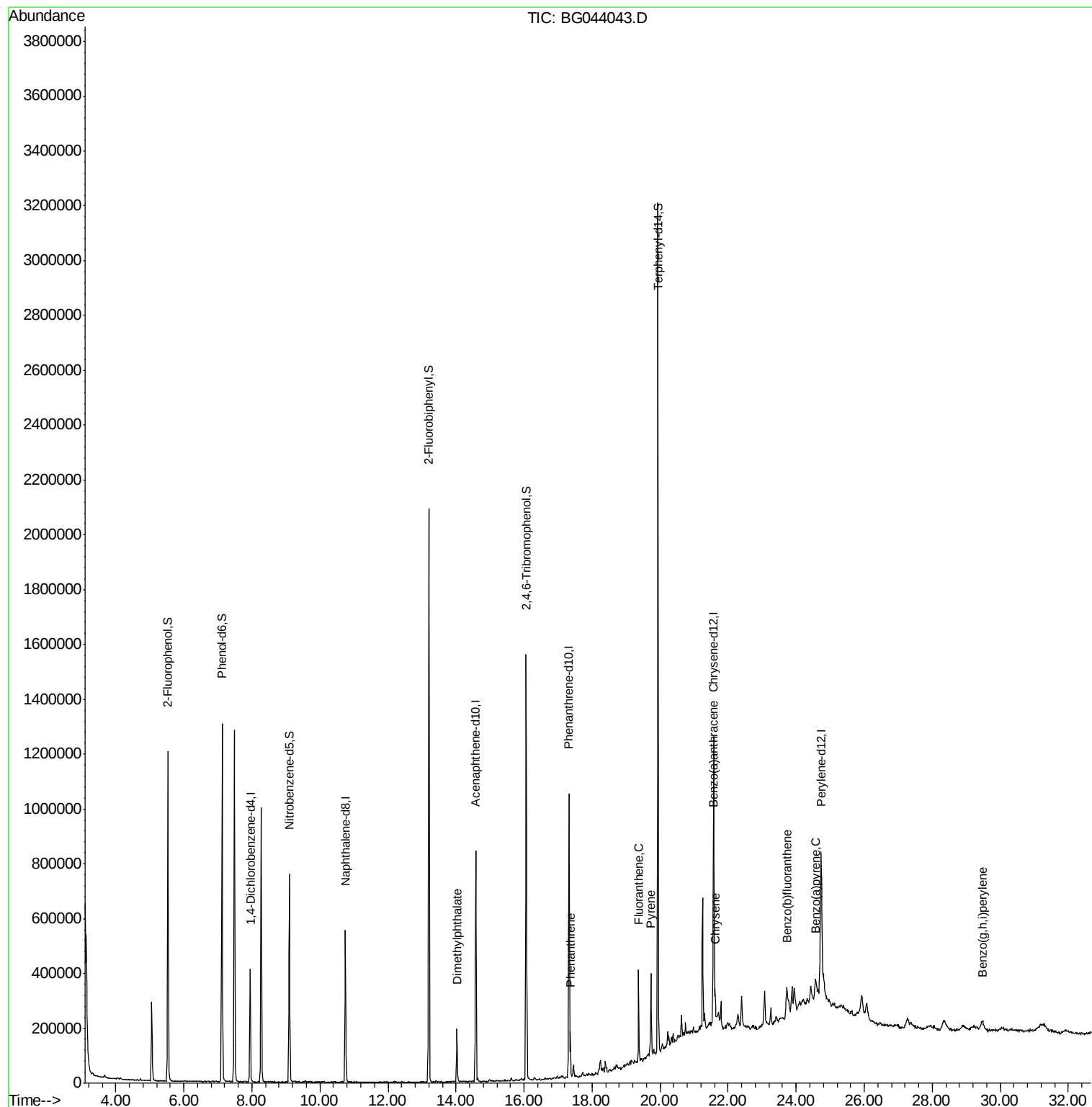
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044043.D
Acq On : 14 Jan 2020 19:26
Operator : JU
Sample : L1108-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-02-B

Manual Integrations
APPROVED

mohammad
1/16/2020 1:41:59 PM

Quant Time: Jan 14 21:33:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration





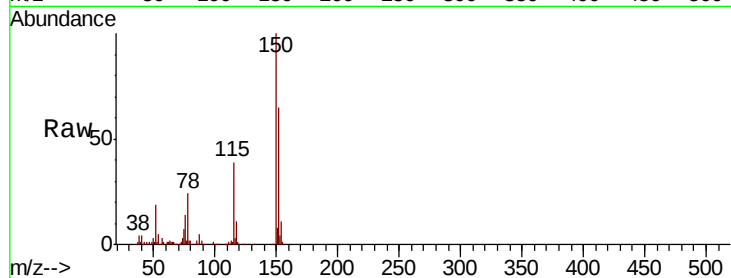
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG044043.D
 Acq: 14 Jan 2020 19:26

Instrument :
 BNA_G
 ClientSampleId :
 INWOOD-BH-02-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.0	190.4
115	59.7	47.8	71.8

Manual Integrations
 APPROVED

mohammad
 1/16/2020 1:41:59 PM

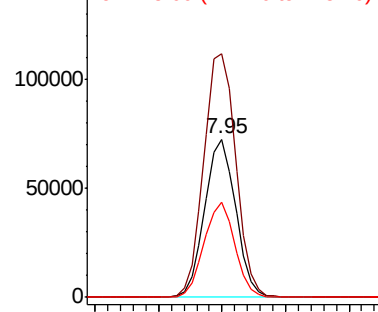


Abundance

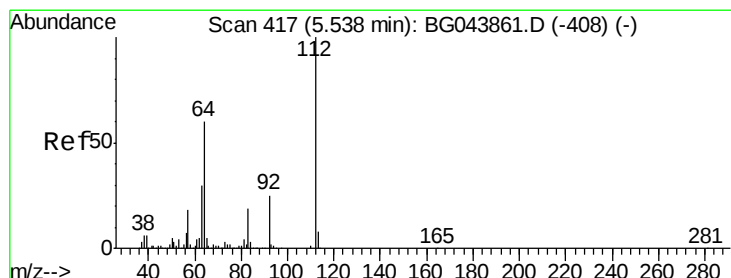
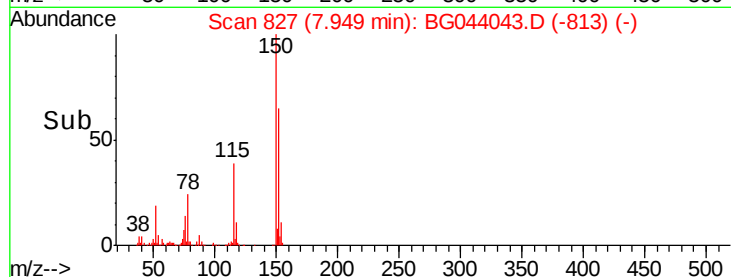
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

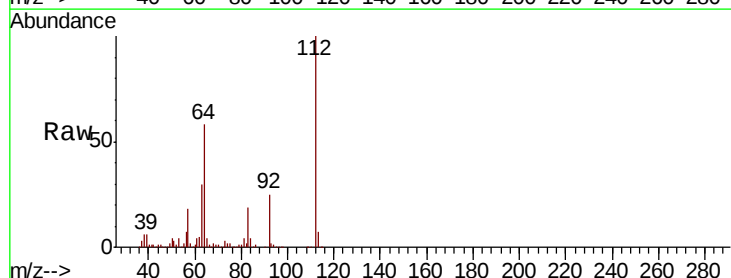


Time-->



#5
 2-Fluorophenol
 Concen: 88.265 ng
 RT: 5.53 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BG044043.D
 Acq: 14 Jan 2020 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	47.8	71.6
63	30.5	24.3	36.5

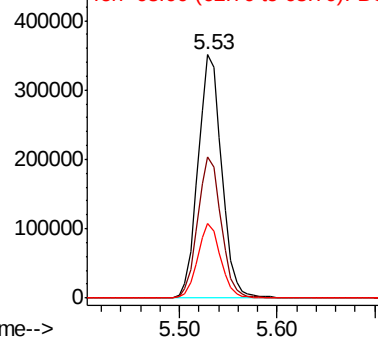


Abundance

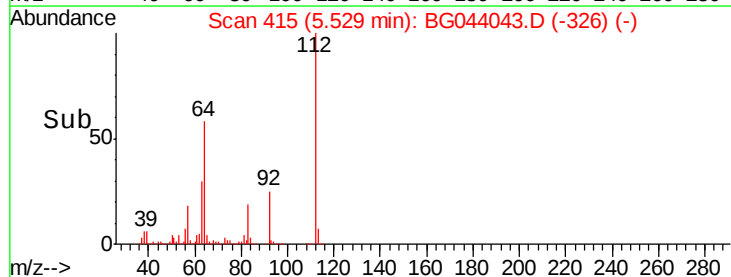
Ion 112.00 (111.70 to 112.70): E

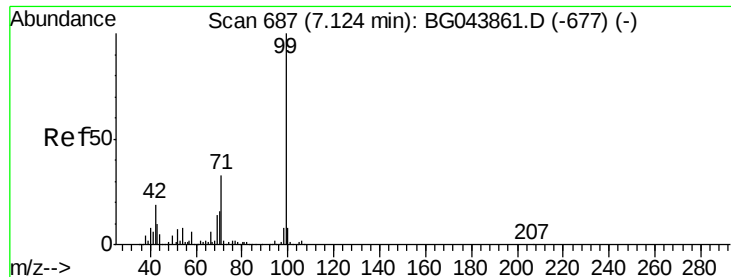
Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG



Time-->





#7

Phenol-d6

Concen: 89.088 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044043.D

Acq: 14 Jan 2020 19:26

Instrument :

BNA_G

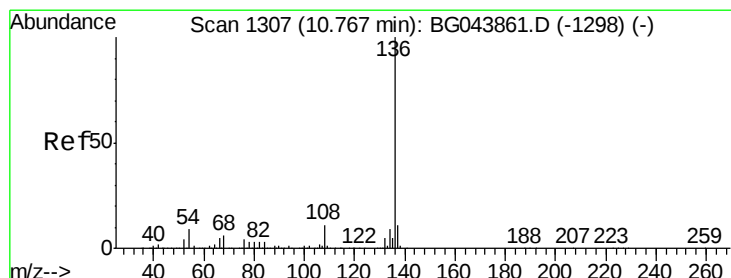
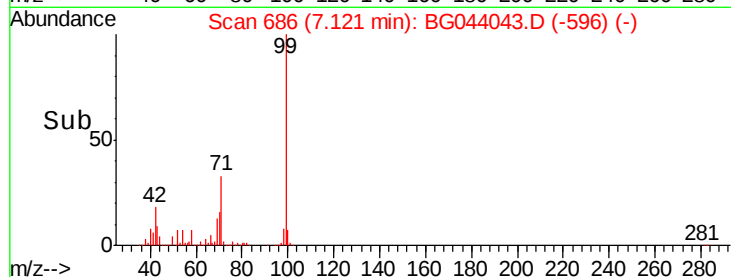
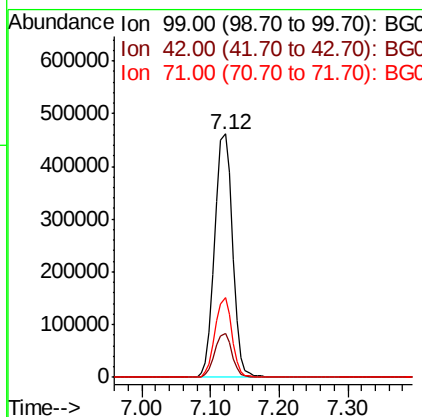
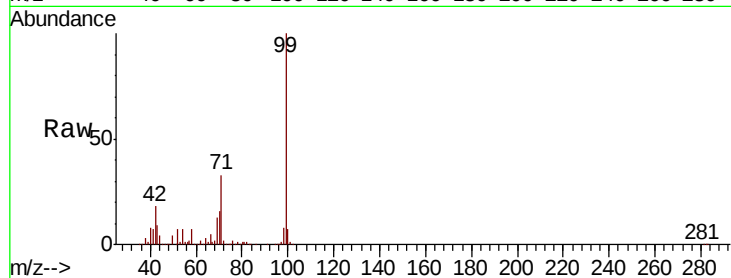
ClientSampleId :

INWOOD-BH-02-B

Tot Ion:	99	Resp:	834455
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.9	22.3
71	33.0	26.4	39.6

Manual Integrations
APPROVED

mohammad
1/16/2020 1:41:59 PM



#21

Naphthalene-d8

Concen: 20.000 ng

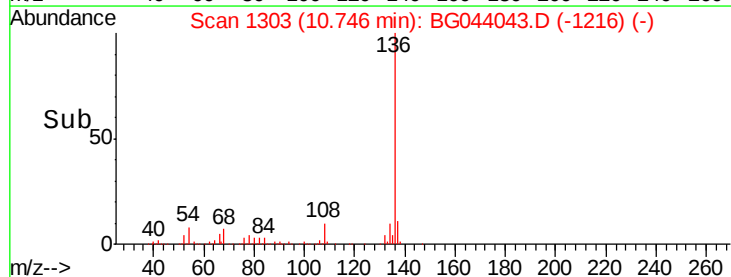
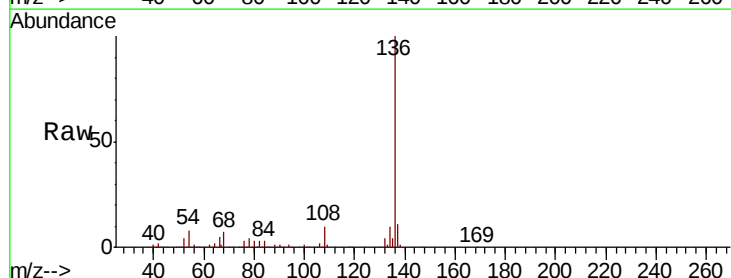
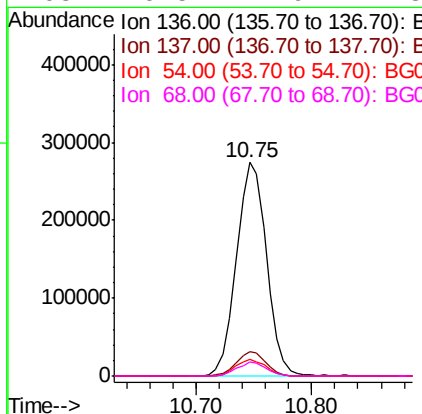
RT: 10.75 min Scan# 1303

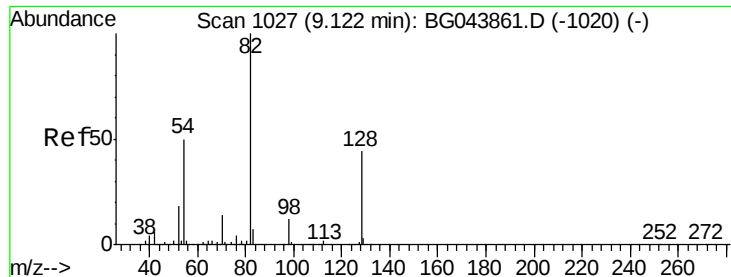
Delta R.T. -0.02 min

Lab File: BG044043.D

Acq: 14 Jan 2020 19:26

Tgt Ion:	136	Resp:	495588
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.8	13.2
54	7.6	7.0	10.4
68	6.5	4.9	7.3





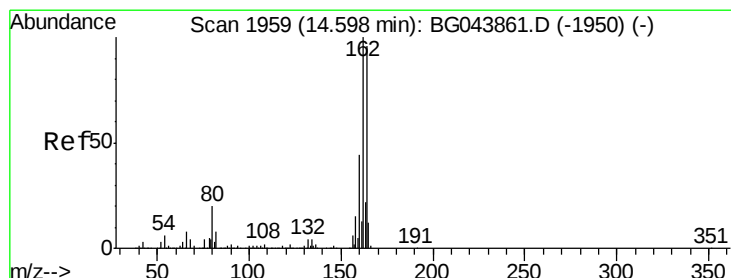
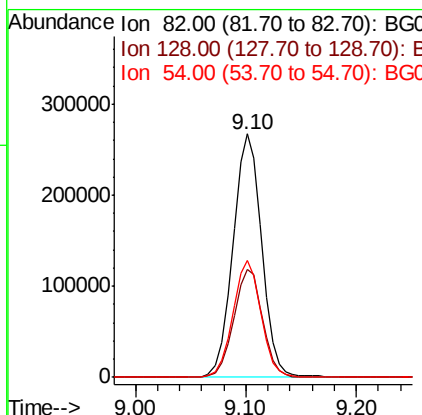
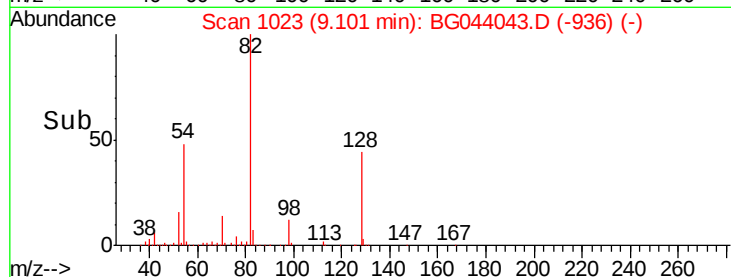
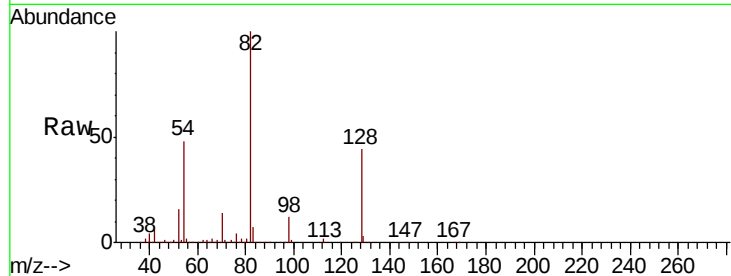
#23
Nitrobenzene-d5
Concen: 52.433 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044043.D
Acq: 14 Jan 2020 19:26

Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-02-B

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.1	35.1	52.7	
54	48.1	40.1	60.1	

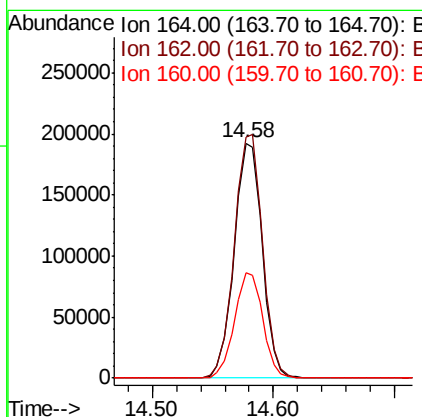
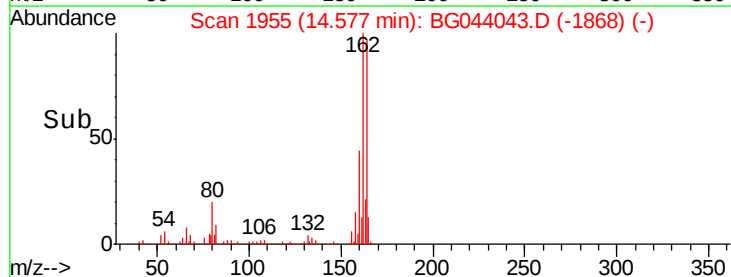
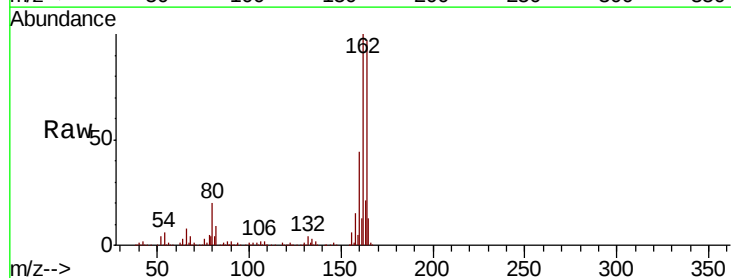
Manual Integrations
APPROVED

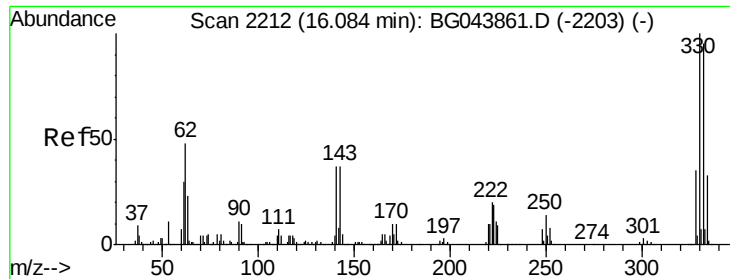
mohammad
1/16/2020 1:41:59 PM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044043.D
Acq: 14 Jan 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	83.0	124.4	
160	44.8	36.1	54.1	





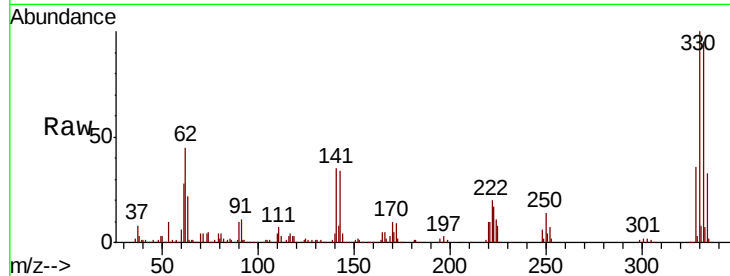
#42
 2,4,6-Tribromophenol
 Concen: 88.378 ng
 RT: 16.07 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG044043.D
 Acq: 14 Jan 2020 19:26

Instrument :
 BNA_G
 ClientSampleId :
 INWOOD-BH-02-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	287952		
332	97.1	77.2	115.8	
141	39.3	33.1	49.7	

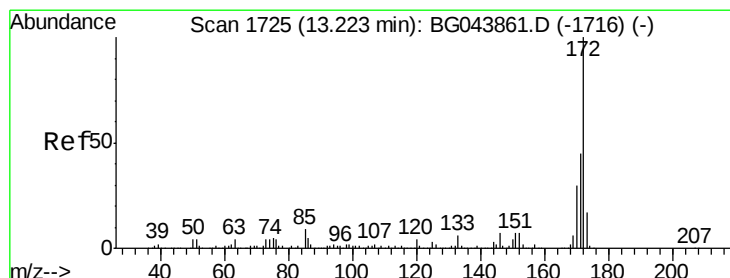
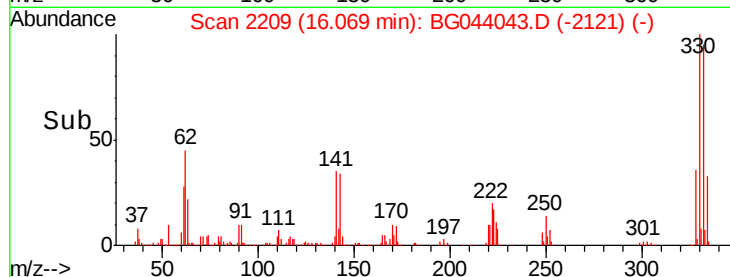
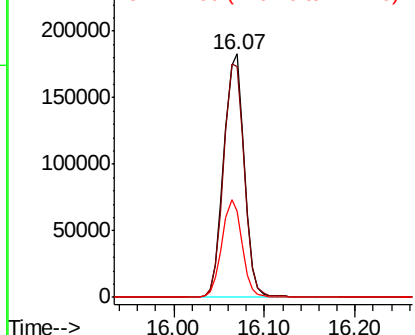
Manual Integrations
 APPROVED

mohammad
 1/16/2020 1:41:59 PM



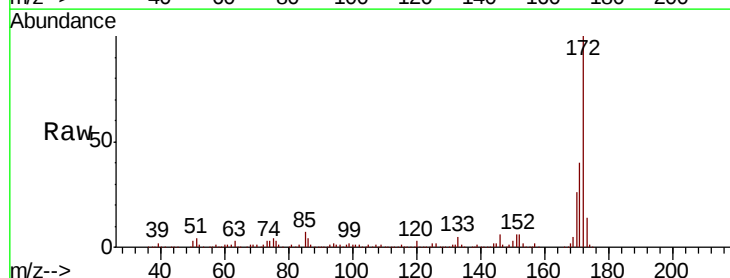
Abundance

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



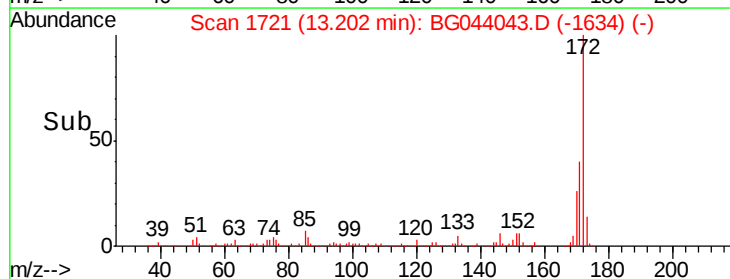
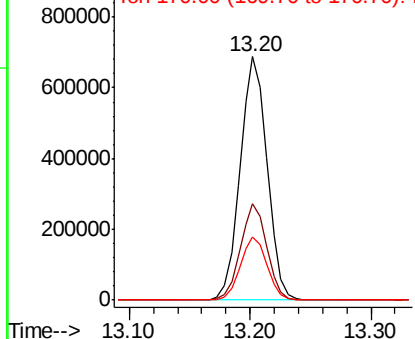
#45
 2-Fluorobiphenyl
 Concen: 62.351 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.02 min
 Lab File: BG044043.D
 Acq: 14 Jan 2020 19:26

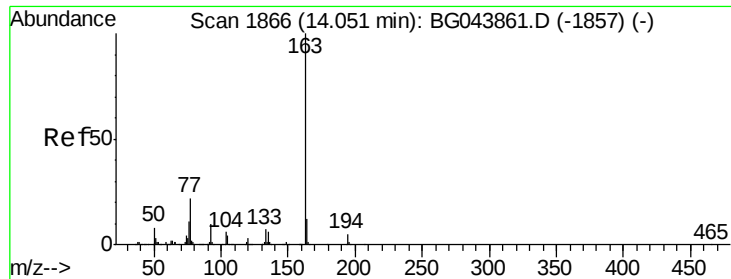
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1071488		
171	39.8	35.8	53.8	
170	25.8	24.2	36.4	



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





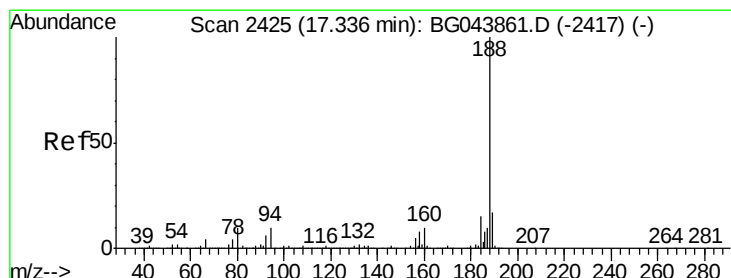
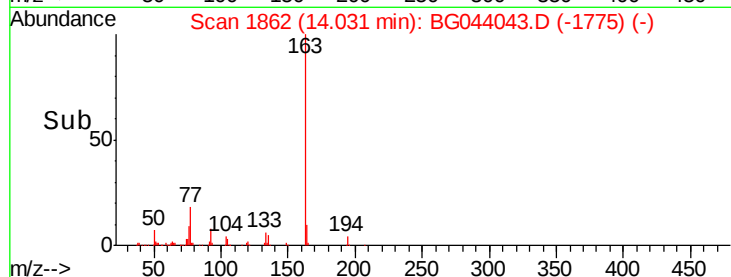
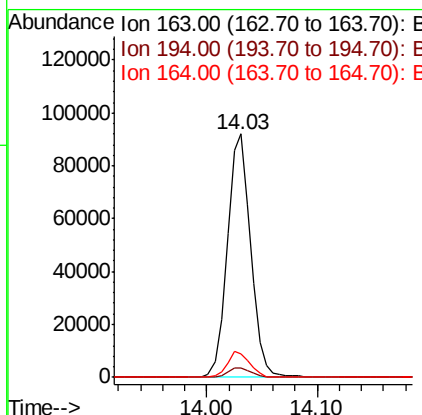
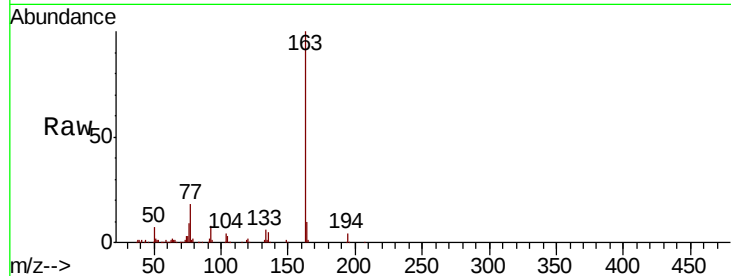
#50
Dimethylphthalate
Concen: 6.159 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044043.D
Acq: 14 Jan 2020 19:26

Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-02-B

Tot Ion	Ratio	Resp	Lower	Upper
163	100	136147		
194	4.0	3.7	5.5	
164	9.6	9.3	13.9	

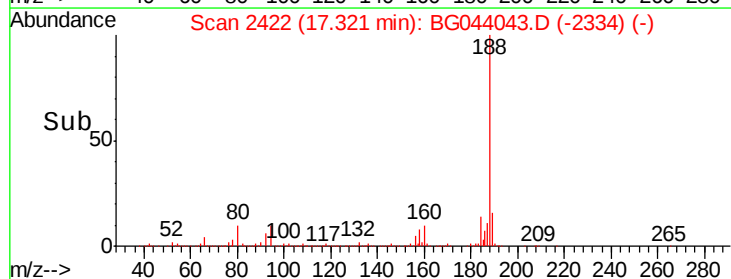
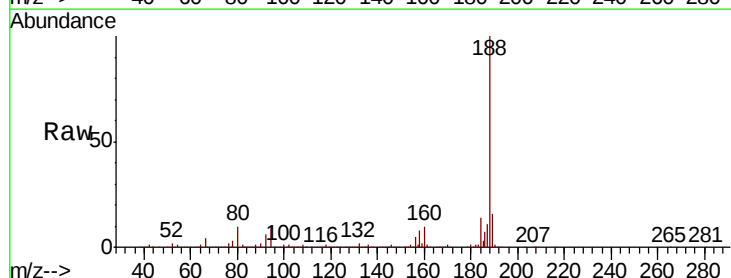
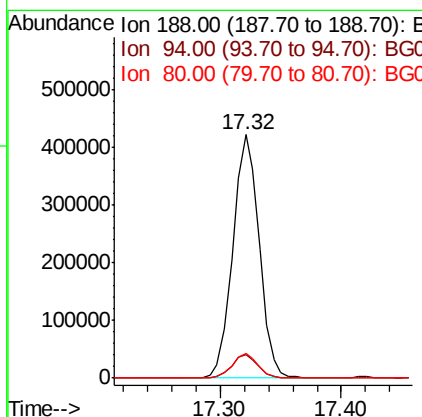
Manual Integrations
APPROVED

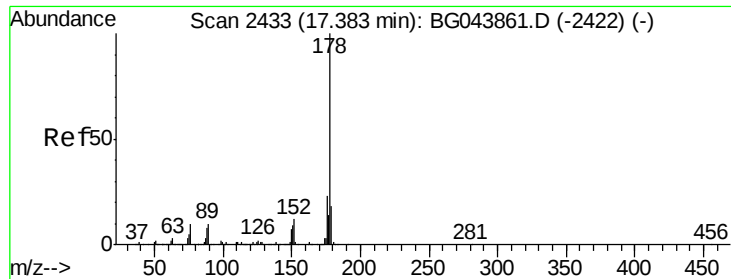
mohammad
1/16/2020 1:41:59 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044043.D
Acq: 14 Jan 2020 19:26

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	640721		
94	9.6	7.9	11.9	
80	10.1	8.2	12.4	





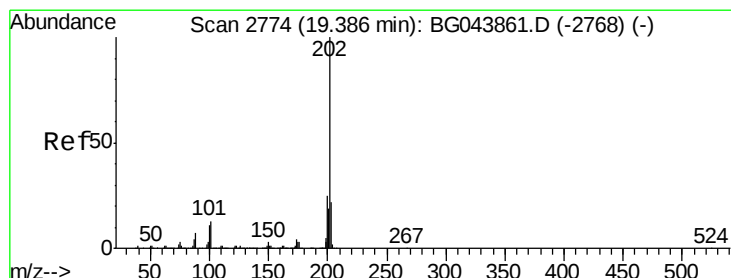
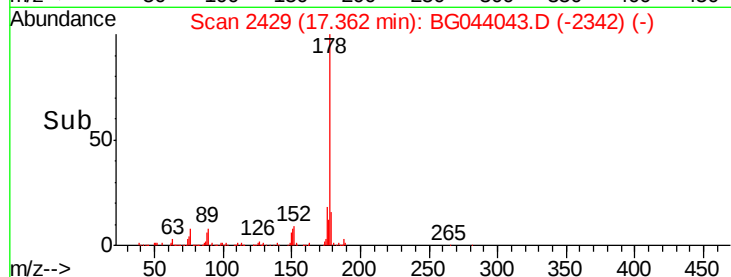
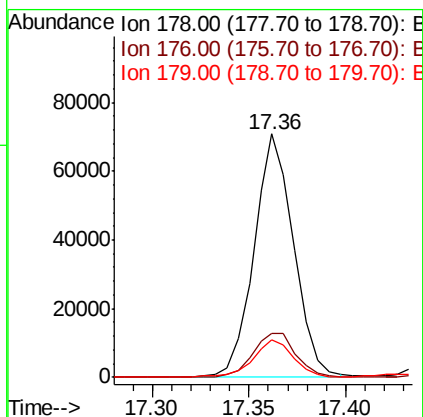
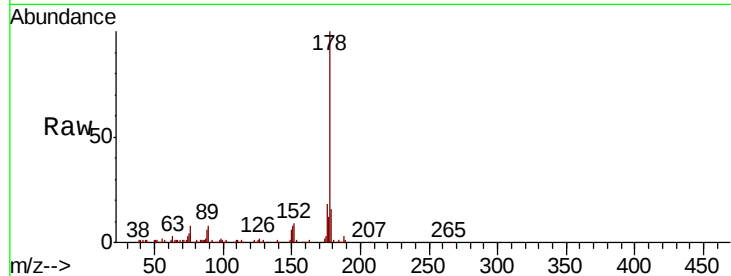
#71
Phenanthrene
Concen: 3.294 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044043.D
Acq: 14 Jan 2020 19:26

Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-02-B

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	18.6	28.0#
179	15.6	14.4	21.6

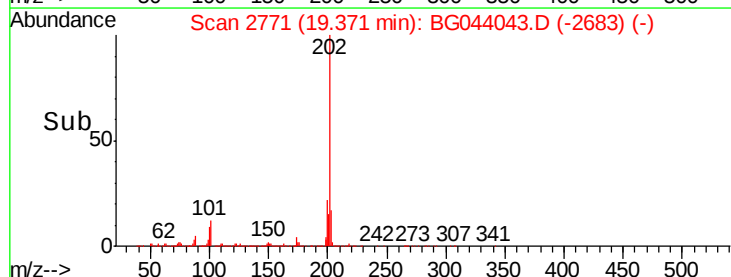
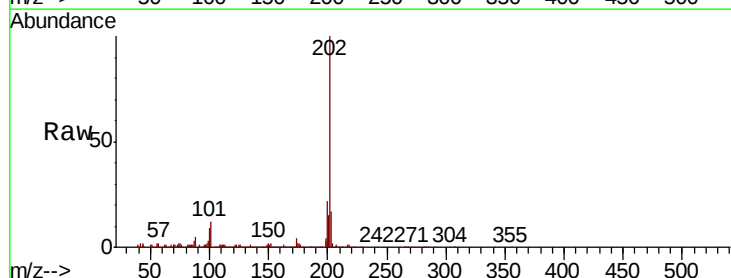
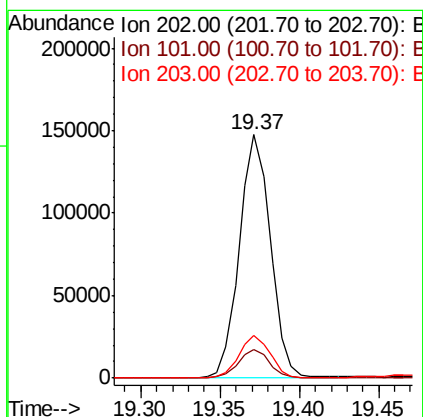
Manual Integrations
APPROVED

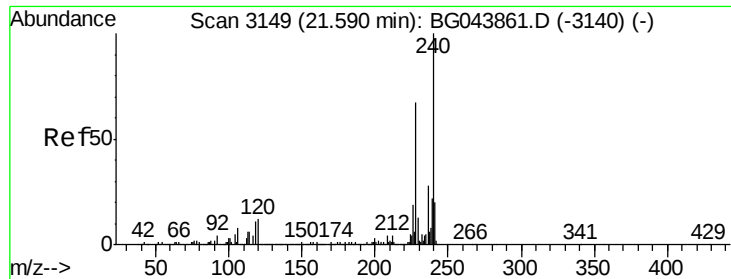
mohammad
1/16/2020 1:41:59 PM



#75
Fluoranthene
Concen: 5.713 ng
RT: 19.37 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BG044043.D
Acq: 14 Jan 2020 19:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.3
203	17.5	1.6	41.6





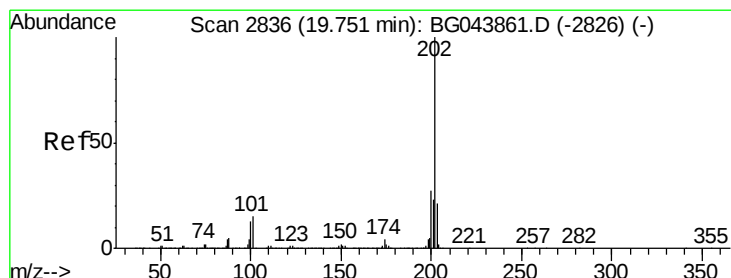
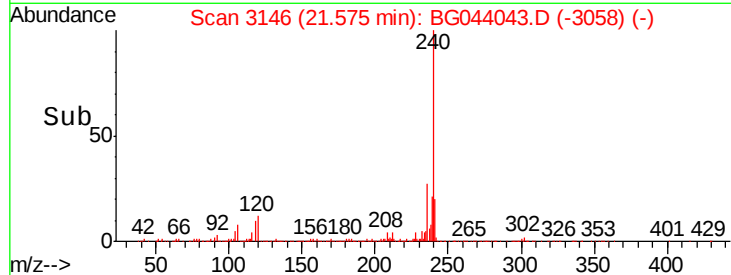
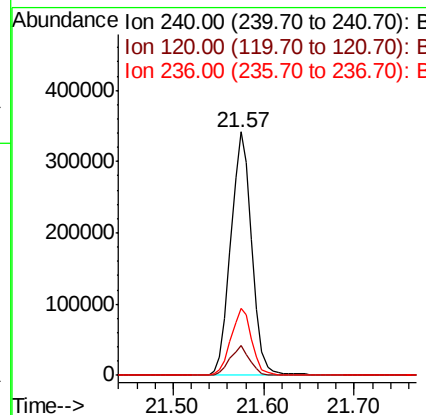
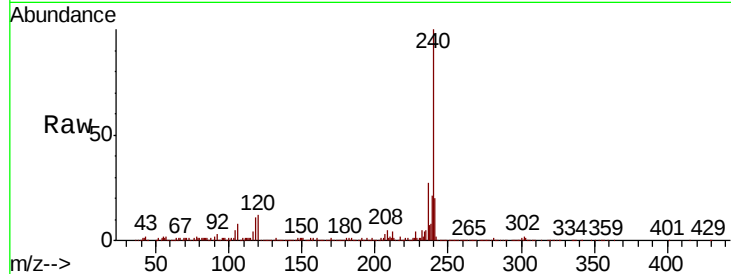
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG044043.D
Acq: 14 Jan 2020 19:26

Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-02-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.6	14.4
236	27.3	22.2	33.2

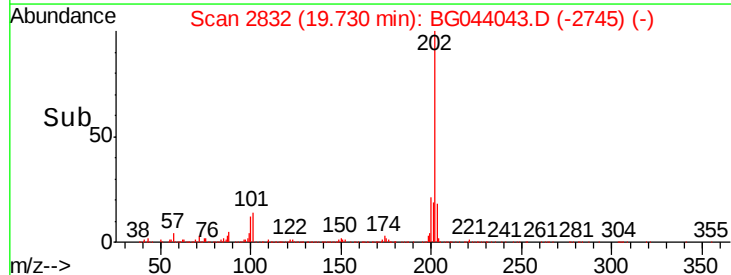
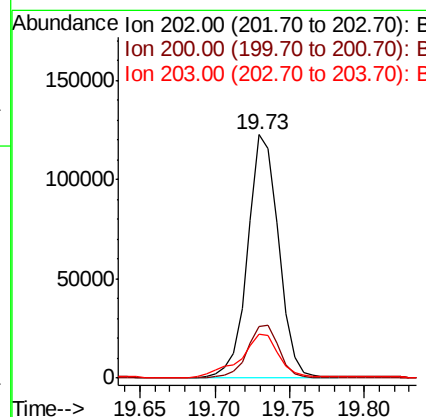
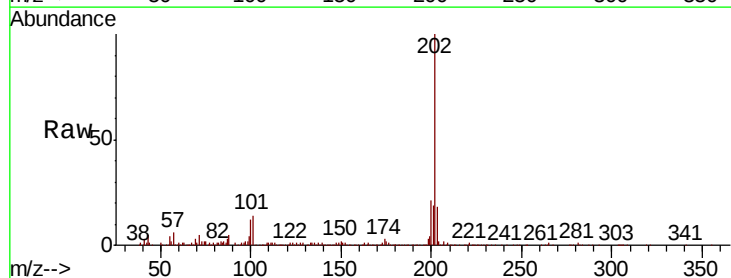
Manual Integrations
APPROVED

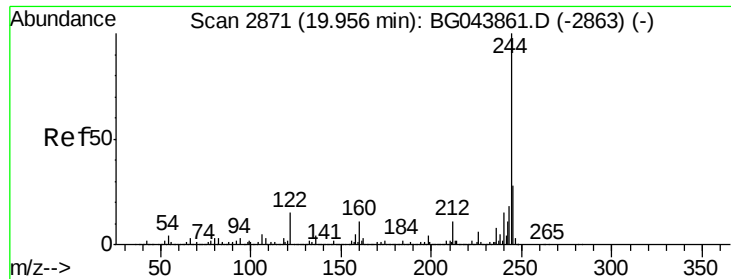
mohammad
1/16/2020 1:41:59 PM



#78
Pyrene
Concen: 4.966 ng m
RT: 19.73 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BG044043.D
Acq: 14 Jan 2020 19:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	21.7	32.5#
203	18.3	17.0	25.6





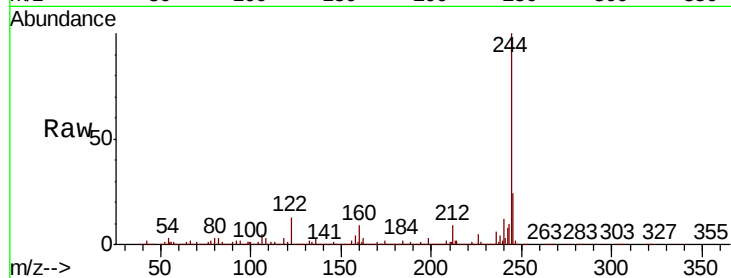
#79
 Terphenyl-d14
 Concen: 58.766 ng
 RT: 19.94 min Scan# 2867
 Delta R.T. -0.02 min
 Lab File: BG044043.D
 Acq: 14 Jan 2020 19:26

Instrument :
 BNA_G
 ClientSampleId :
 INWOOD-BH-02-B

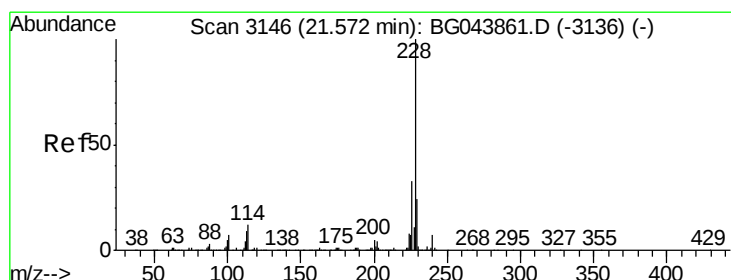
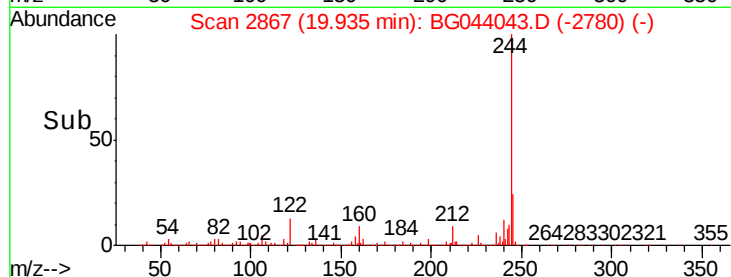
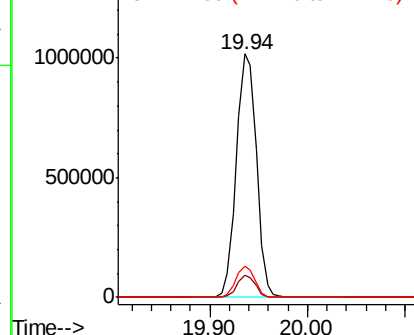
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	8.6	13.0
122	12.8	11.9	17.9

Manual Integrations
 APPROVED

mohammad
 1/16/2020 1:41:59 PM



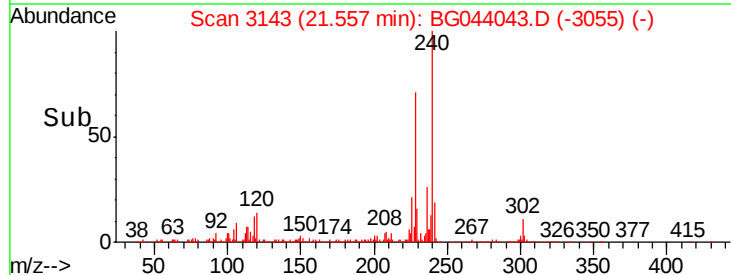
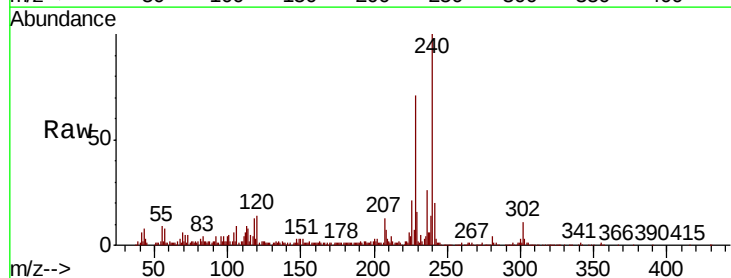
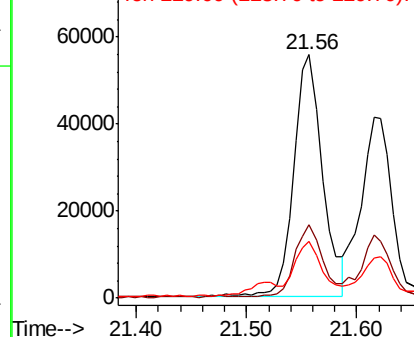
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

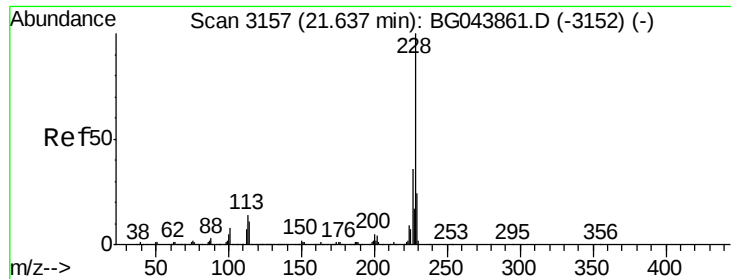


#81
 Benzo(a)anthracene
 Concen: 2.919 ng
 RT: 21.56 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG044043.D
 Acq: 14 Jan 2020 19:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	26.2	39.4
229	23.2	18.9	28.3

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





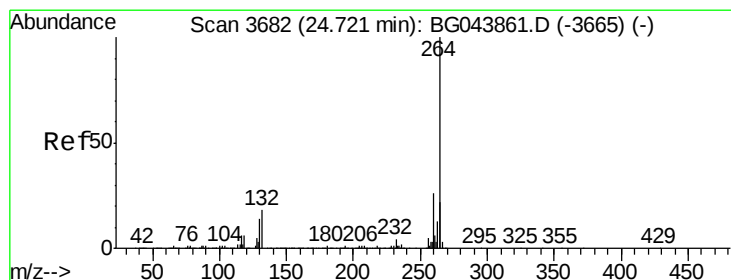
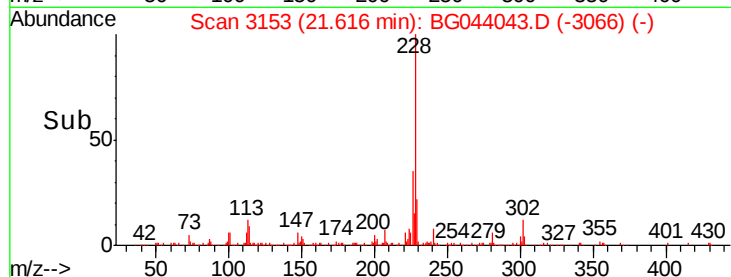
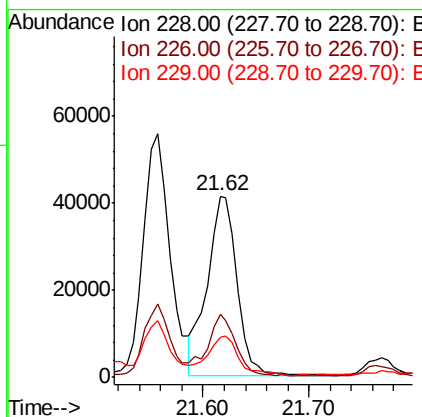
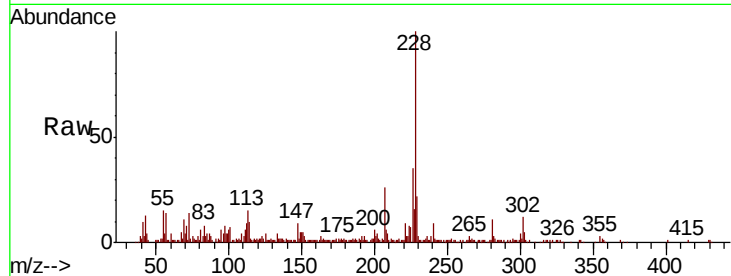
#83
Chrysene
Concen: 2.546 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG044043.D
Acq: 14 Jan 2020 19:26

Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-02-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.8	28.8	43.2
229	22.4	19.0	28.6

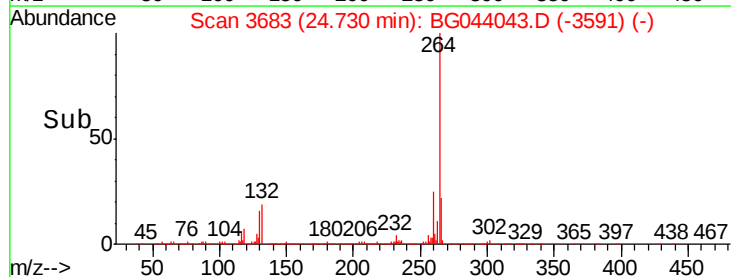
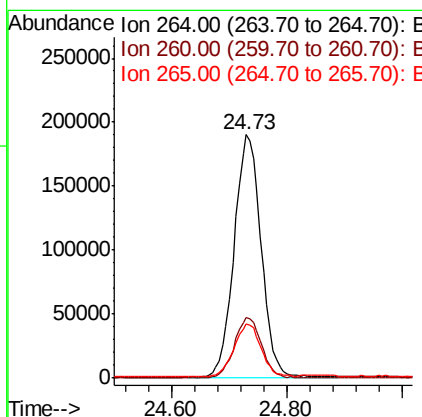
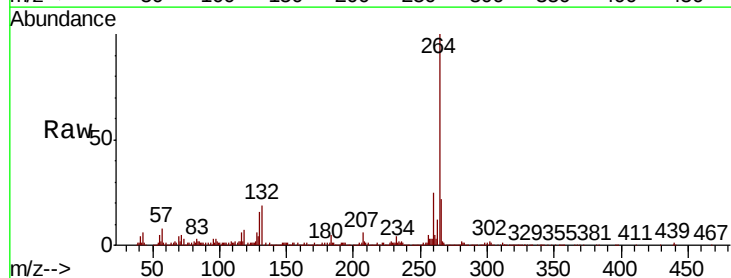
Manual Integrations
APPROVED

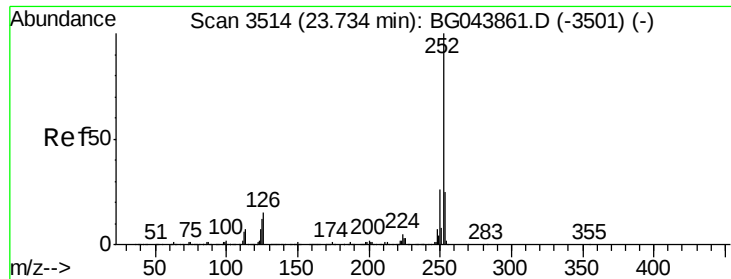
mohammad
1/16/2020 1:41:59 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.73 min Scan# 3683
Delta R.T. 0.01 min
Lab File: BG044043.D
Acq: 14 Jan 2020 19:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	22.3	17.4	26.2





#88

Benzo(b)fluoranthene

Concen: 3.103 ng

RT: 23.73 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BG044043.D

Acq: 14 Jan 2020 19:26

Instrument :

BNA_G

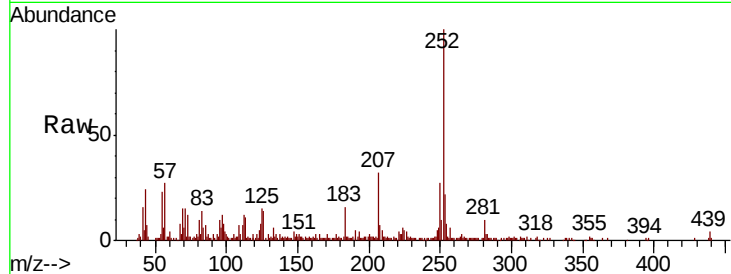
ClientSampleId :

INWOOD-BH-02-B

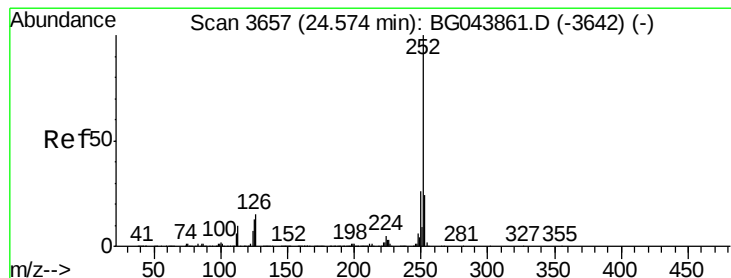
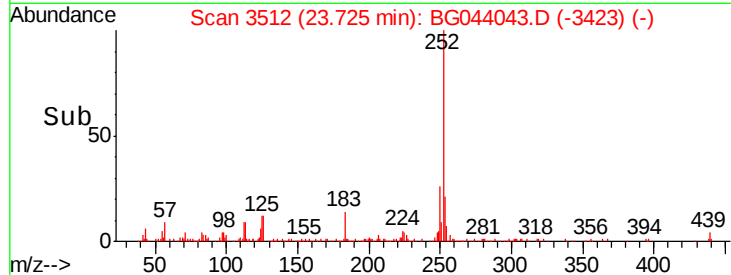
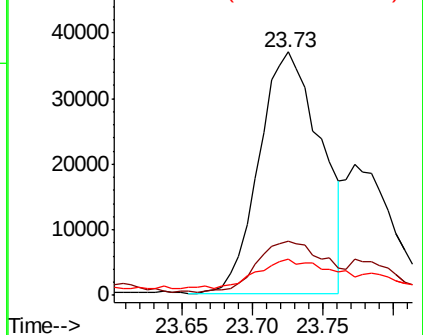
Tot Ion:	252	Resp:	112591
Ion Ratio	Lower	Upper	
252	100		
253	22.4	19.7	29.5
125	14.6	9.4	14.2#

Manual Integrations
APPROVED

mohammad
1/16/2020 1:41:59 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 2.522 ng

RT: 24.57 min Scan# 3656

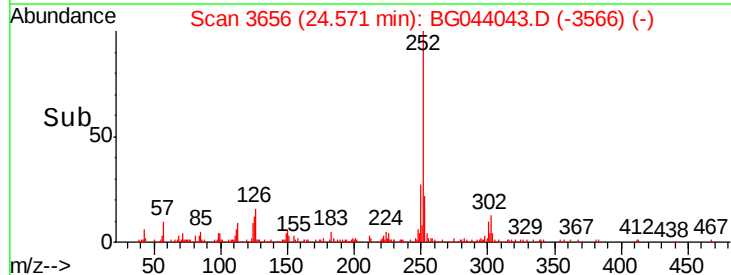
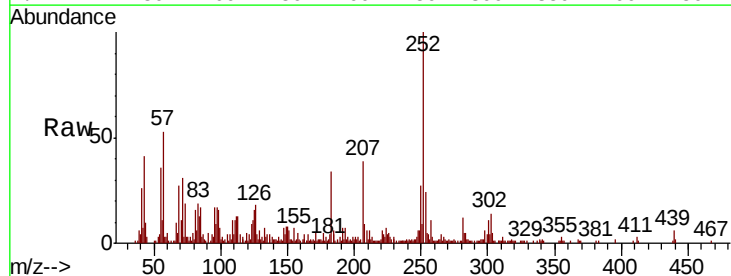
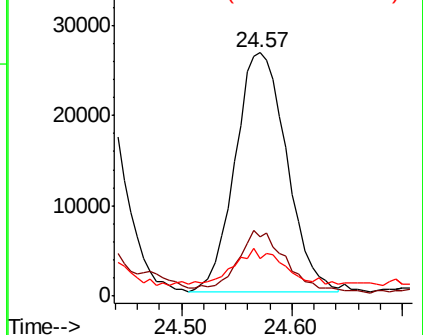
Delta R.T. -0.00 min

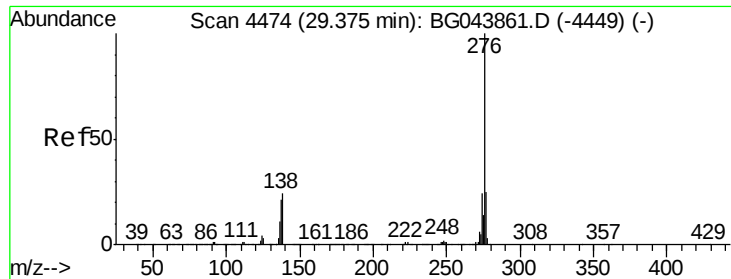
Lab File: BG044043.D

Acq: 14 Jan 2020 19:26

Tgt Ion:	252	Resp:	86362
Ion Ratio	Lower	Upper	
252	100		
253	24.3	19.3	28.9
125	15.6	10.4	15.6#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 2.197 ng
 RT: 29.47 min Scan# 4490
 Delta R.T. 0.10 min
 Lab File: BG044043.D
 Acq: 14 Jan 2020 19:26

Instrument :
 BNA_G
 ClientSampleId :
 INWOOD-BH-02-B

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.2	30.4
138	26.2	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 1/16/2020 1:41:59 PM

