

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
 Data File : BG044042.D
 Acq On : 14 Jan 2020 18:46
 Operator : JU
 Sample : L1108-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Jan 14 21:30:11 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	7.94	152	127634	20.00	ng	-0.02
21) Naphthalene-d8	10.75	136	532719	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	328708	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	657065	20.00	ng	-0.01
76) Chrysene-d12	21.57	240	546246	20.00	ng	-0.01
87) Perylene-d12	24.70	264	616183	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	696631	100.22	ng	0.00
7) Phenol-d6	7.12	99	975701	100.42	ng	0.00
23) Nitrobenzene-d5	9.10	82	577486	57.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	332415	96.64	ng	-0.01
45) 2-Fluorobiphenyl	13.20	172	1260939	69.50	ng	-0.02
79) Terphenyl-d14	19.94	244	1489709	60.43	ng	-0.02
Target Compounds						
10) Phenol	7.14	94	21532	2.151	ng	84
50) Dimethylphthalate	14.03	163	163015	6.984	ng	97
71) Phenanthrene	17.36	178	253270	8.036	ng	94
72) Anthracene	17.45	178	64140	2.059	ng	93
75) Fluoranthene	19.37	202	640165	17.761	ng	95
78) Pyrene	19.74	202	617993	17.332	ng	93
81) Benzo(a)anthracene	21.55	228	346380	10.226	ng	93
83) Chrysene	21.62	228	305628	9.496	ng	94
86) Indeno(1,2,3-cd)pyrene	28.24	276	229881	5.256	ng	95
88) Benzo(b)fluoranthene	23.71	252	408441	11.213	ng	99
89) Benzo(k)fluoranthene	23.77	252	153691m	4.437	ng	
90) Benzo(a)pyrene	24.55	252	328438	9.553	ng	98
92) Benzo(a,h,i)perylene	29.35	276	237608	6.928	ng	98

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

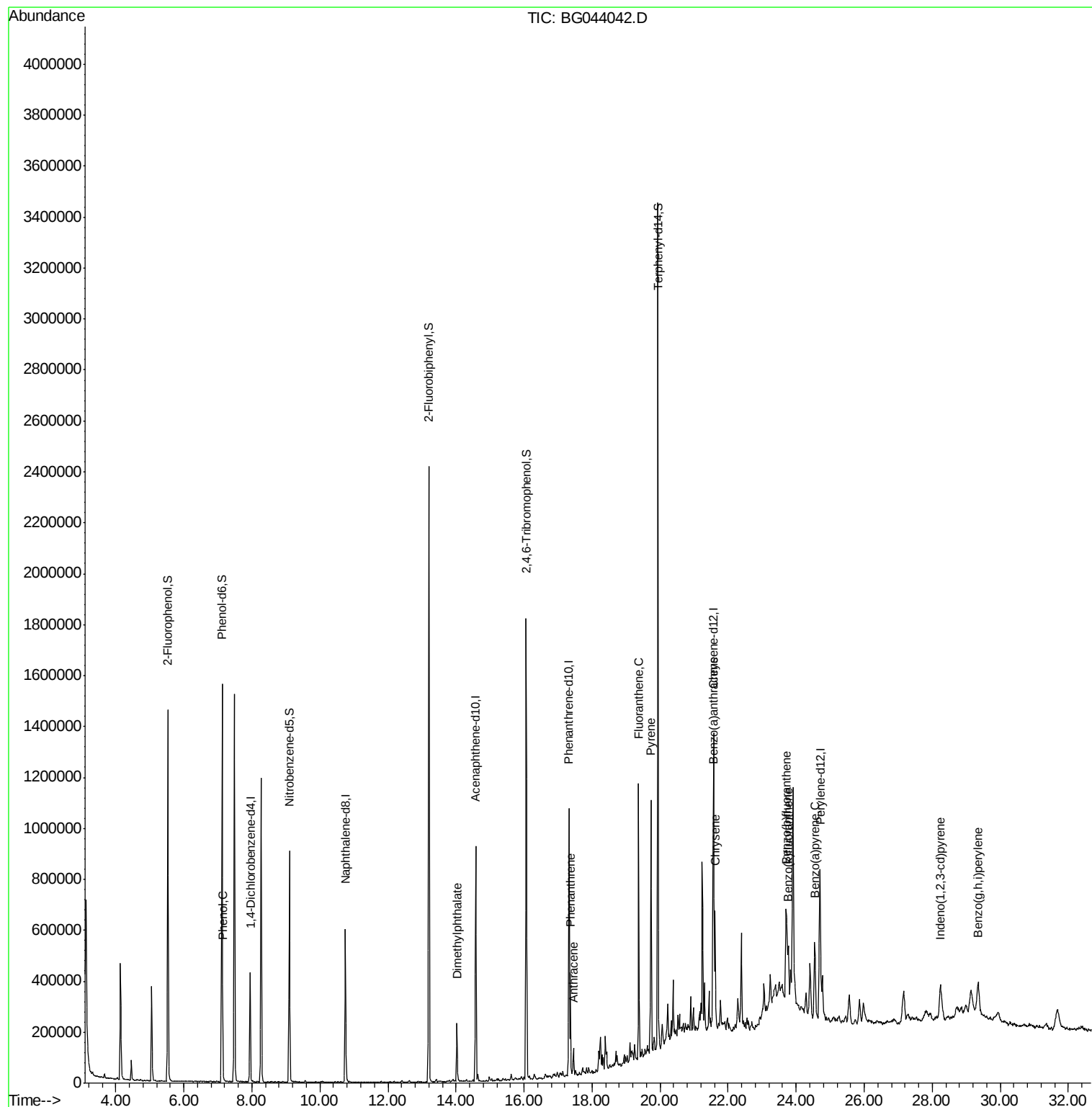
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011420\
Data File : BG044042.D
Acq On : 14 Jan 2020 18:46
Operator : JU
Sample : L1108-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

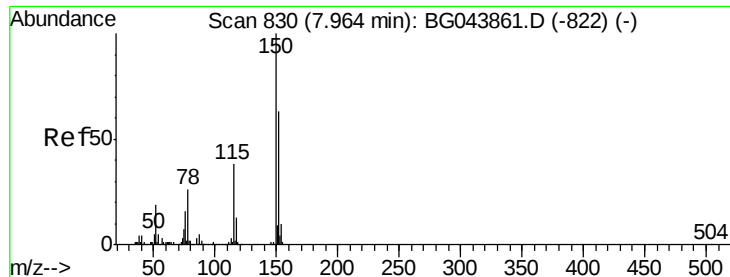
Instrument :
BNA_G
ClientSampleId :
INWOOD-BH-02-A

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Quant Time: Jan 14 21:30:11 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

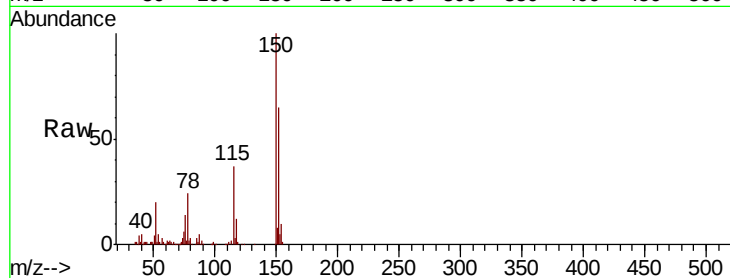
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	127.0	190.4
115	57.7	47.8	71.8

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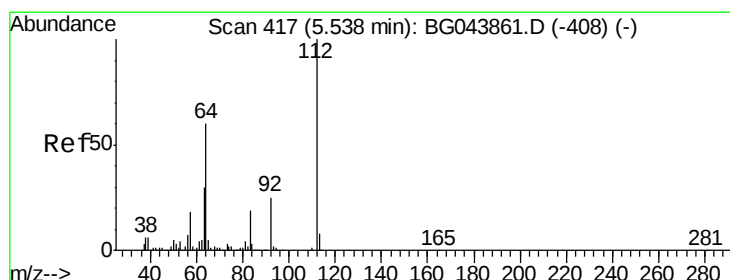
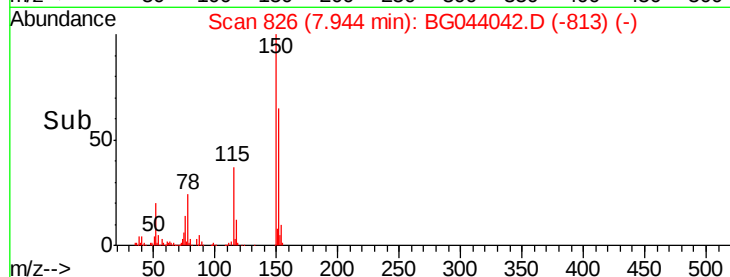
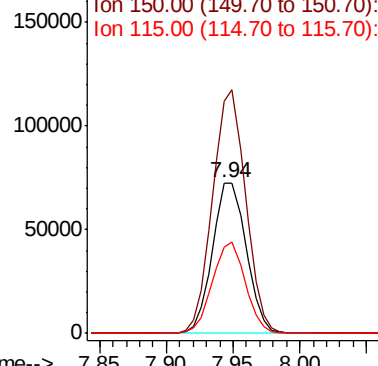


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

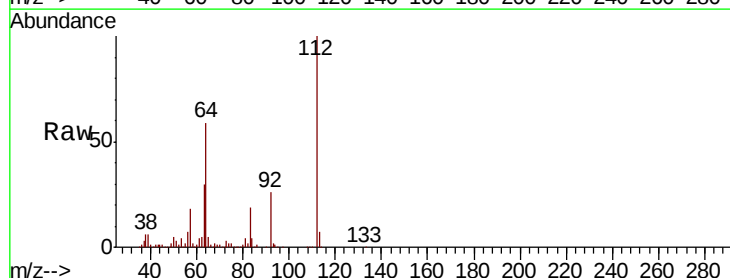
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.216 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	47.8	71.6
63	30.3	24.3	36.5

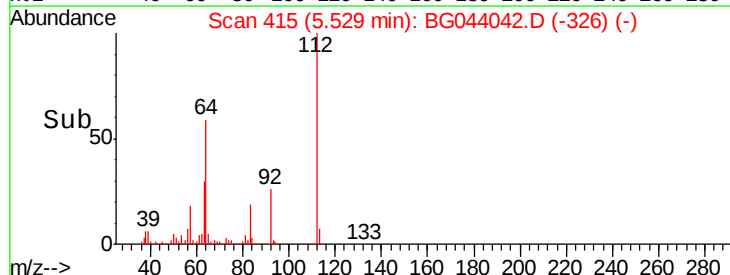
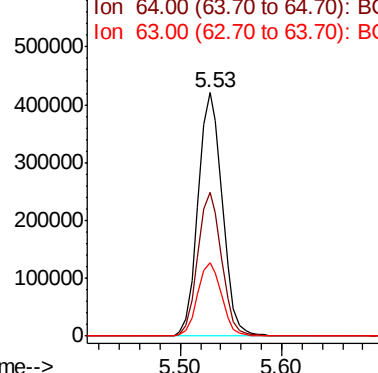


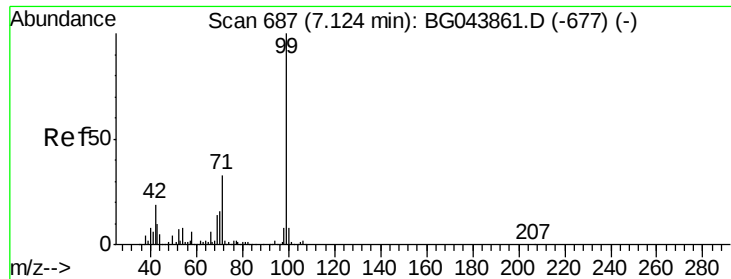
Abundance

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





#7

Phenol-d6

Concen: 100.416 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG044042.D

Acq: 14 Jan 2020 18:46

Instrument :

BNA_G

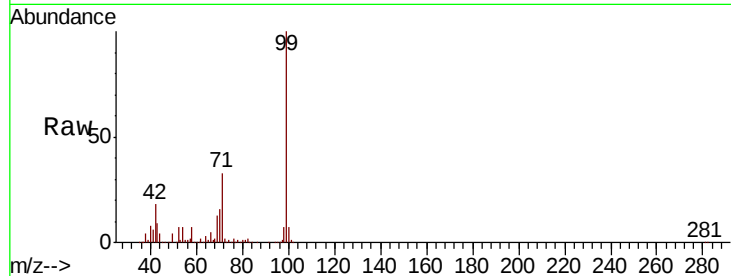
ClientSampleId :

INWOOD-BH-02-A

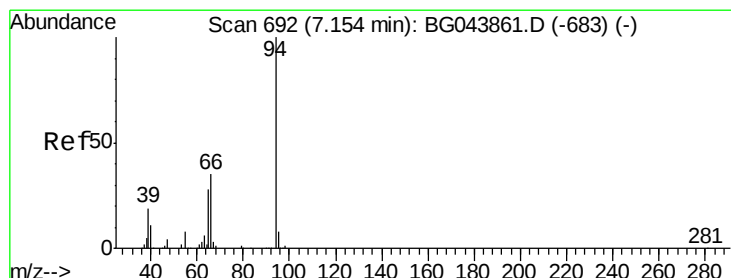
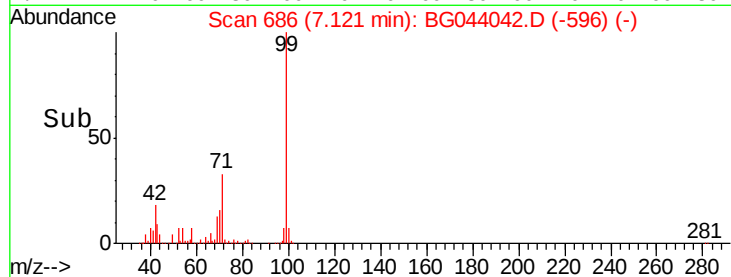
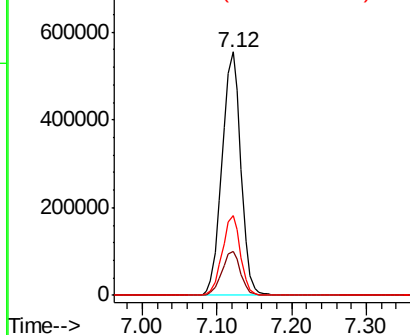
Tot Ion:	99	Resp:	975701
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.9	22.3
71	32.7	26.4	39.6

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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



#10

Phenol

Concen: 2.151 ng

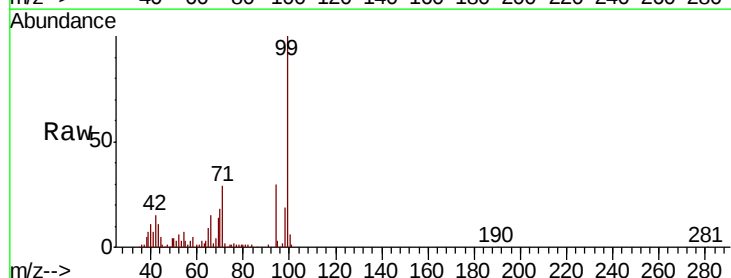
RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

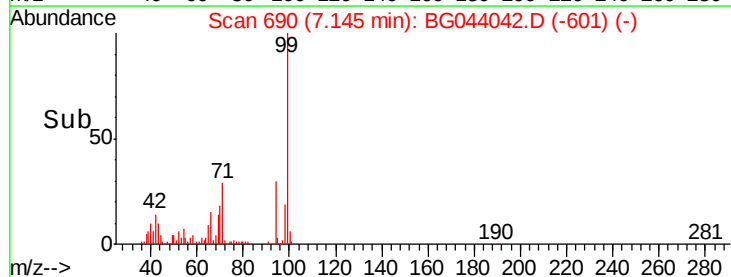
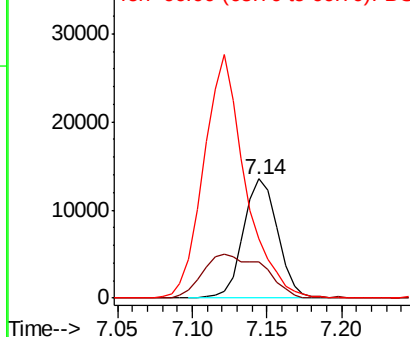
Lab File: BG044042.D

Acq: 14 Jan 2020 18:46

Tgt Ion:	94	Resp:	21532
Ion Ratio	Lower	Upper	
94	100		
65	30.2	8.1	48.1
66	50.0	15.6	55.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





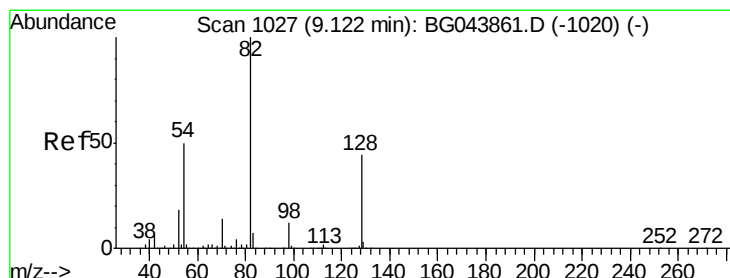
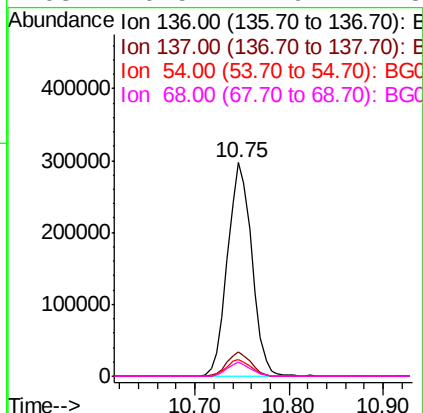
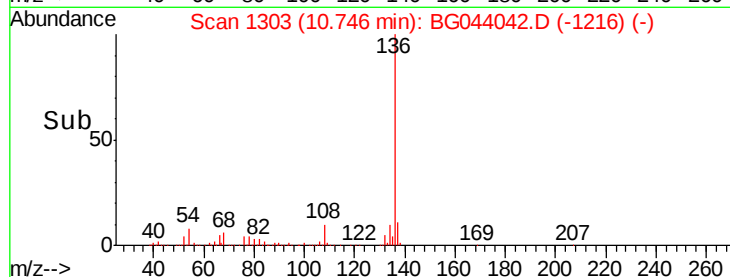
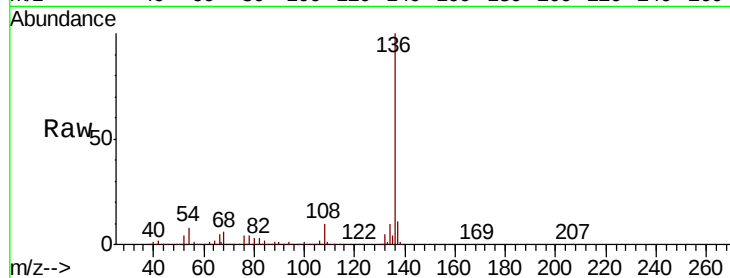
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

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

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.8	7.0	10.4
68	6.5	4.9	7.3

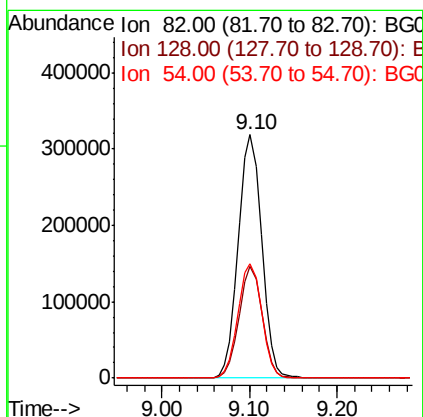
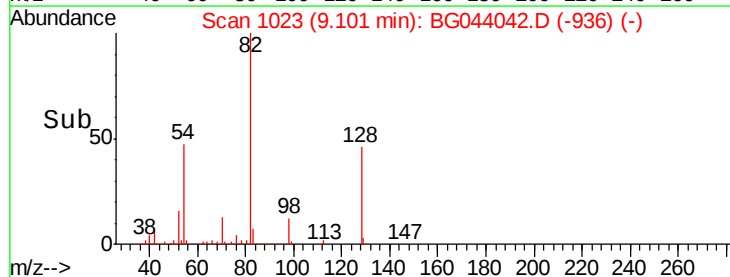
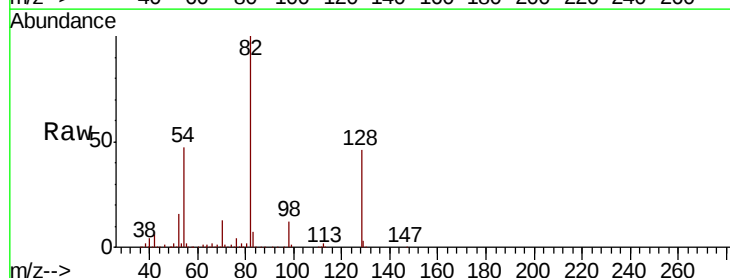
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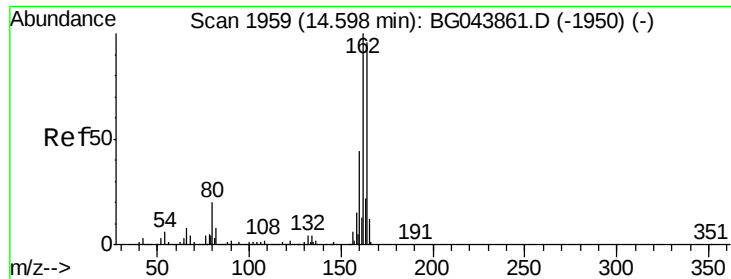
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#23
Nitrobenzene-d5
Concen: 57.991 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.7	35.1	52.7
54	47.1	40.1	60.1





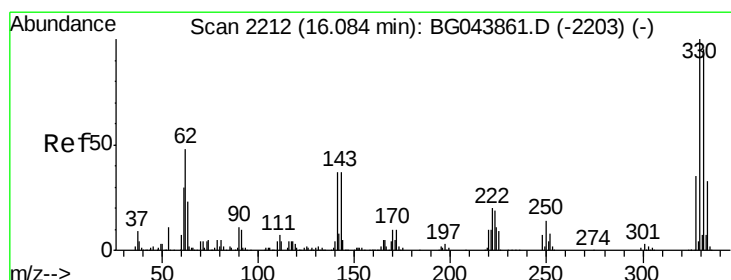
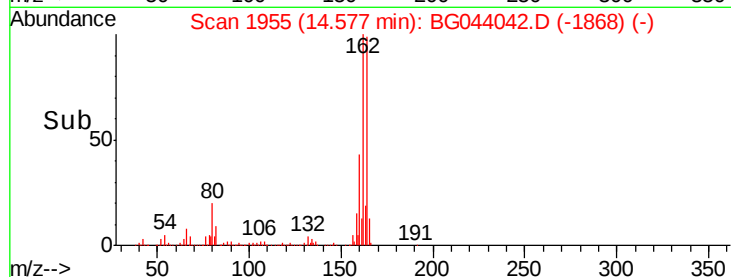
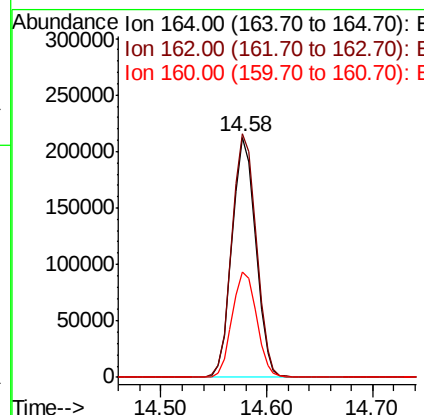
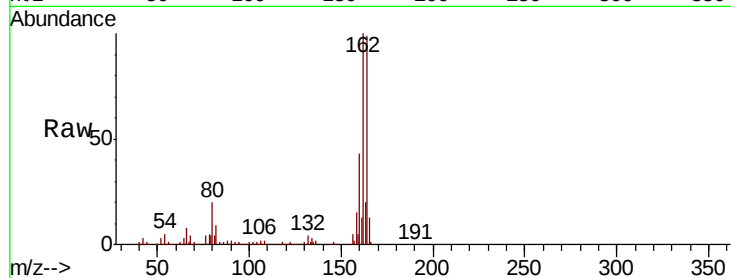
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.4	83.0	124.4	
160	43.8	36.1	54.1	

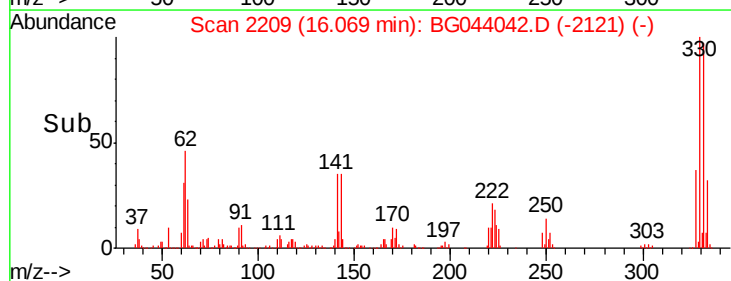
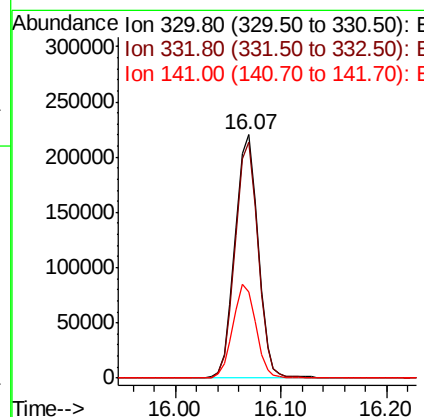
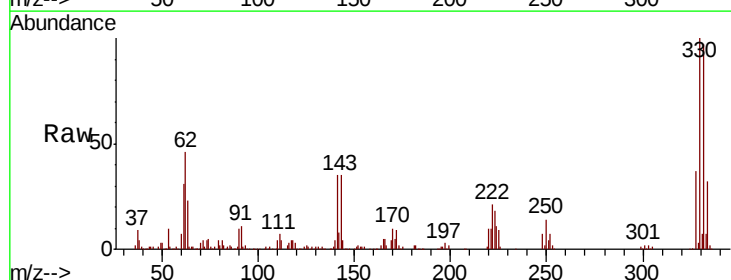
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#42
2,4,6-Tribromophenol
Concen: 96.636 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.2	115.8	
141	38.8	33.1	49.7	





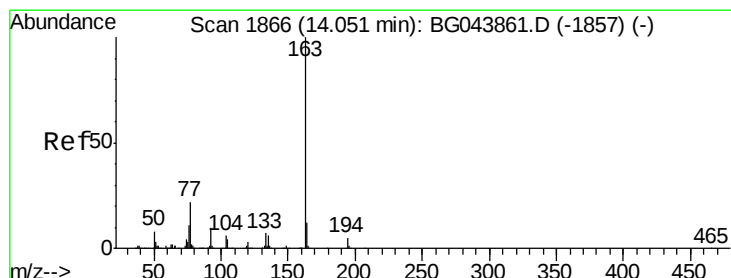
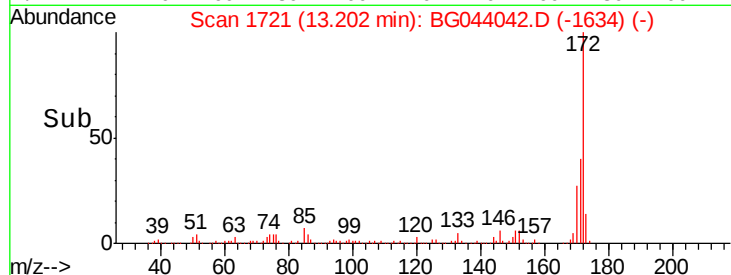
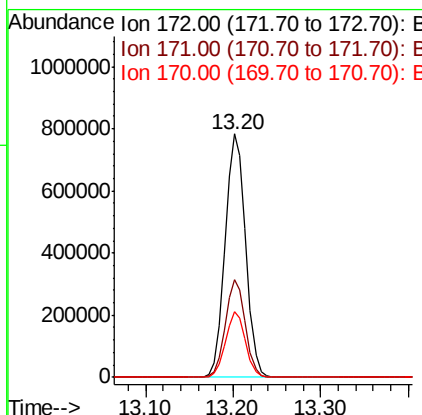
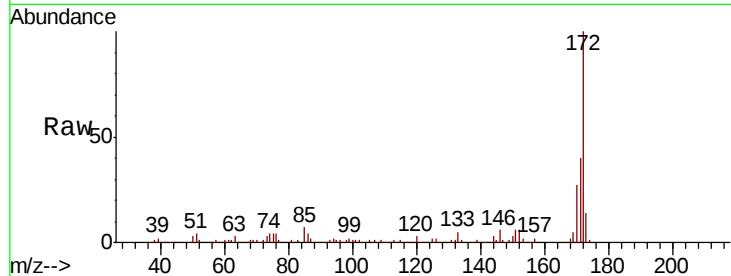
#45
2-Fluorobiphenyl
Concen: 69.500 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.3	35.8	53.8
170	26.8	24.2	36.4

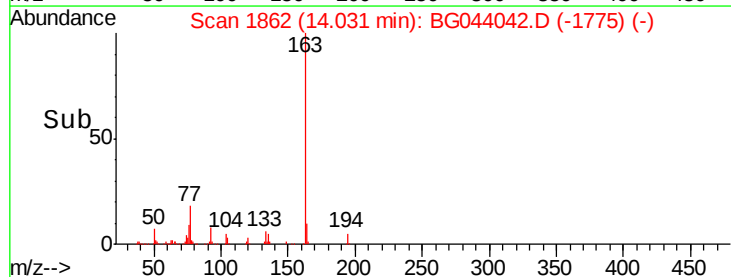
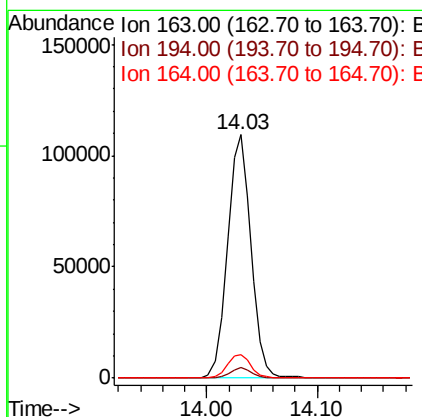
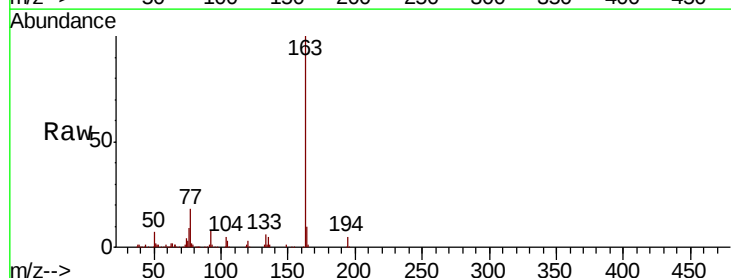
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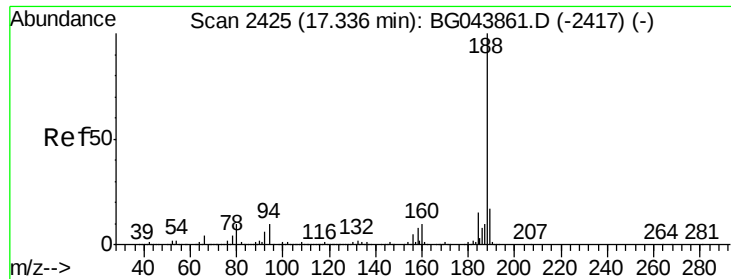
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#50
Dimethylphthalate
Concen: 6.984 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.7	5.5
164	9.8	9.3	13.9





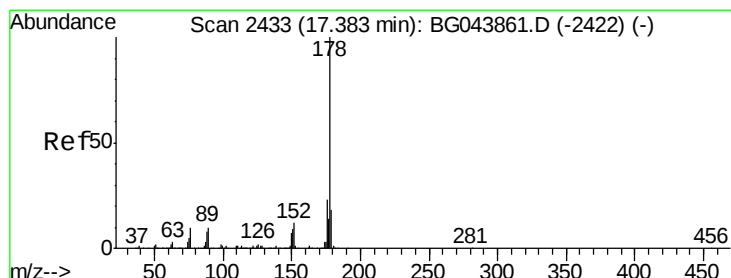
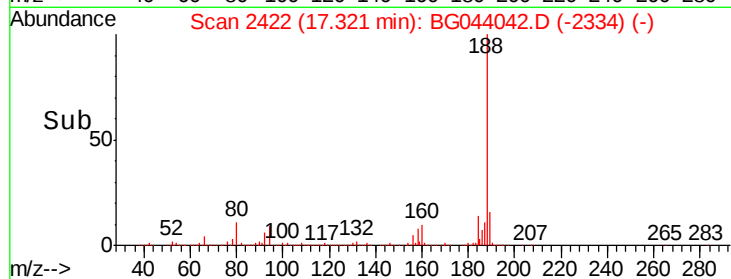
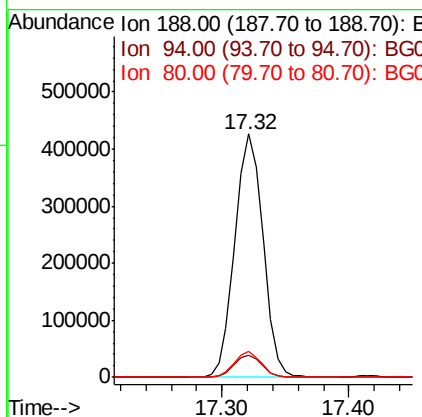
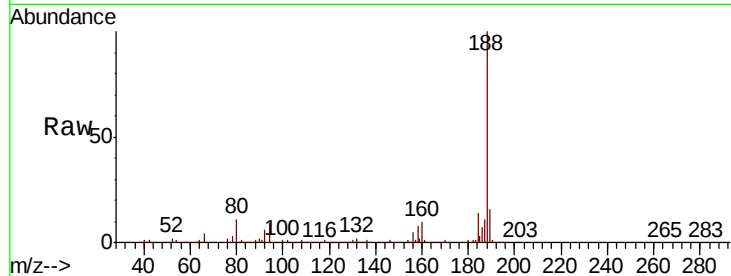
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	657065		
94	9.3		7.9	11.9
80	10.5		8.2	12.4

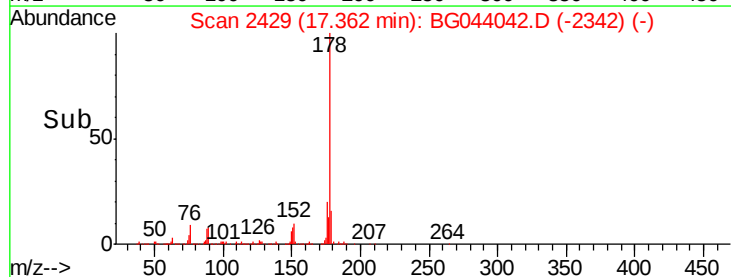
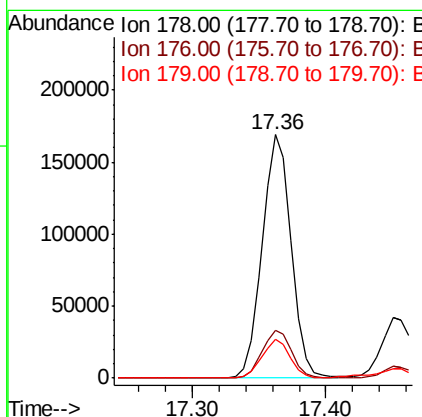
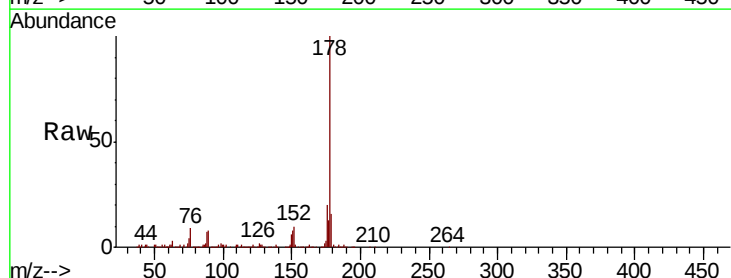
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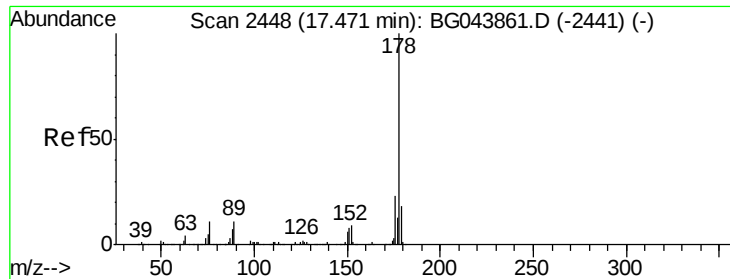
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#71
Phenanthrene
Concen: 8.036 ng
RT: 17.36 min Scan# 2429
Delta R.T. -0.02 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	253270		
176	19.6		18.6	28.0
179	15.7		14.4	21.6





#72

Anthracene

Concen: 2.059 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BG044042.D

Acq: 14 Jan 2020 18:46

Instrument :

BNA_G

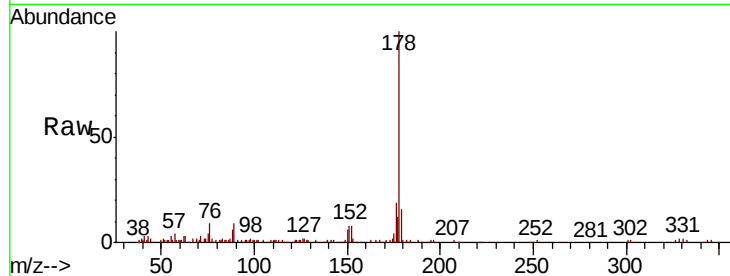
ClientSampleId :

INWOOD-BH-02-A

Tot Ion:	178	Resp:	64140
Ion Ratio	Lower	Upper	
178	100		
176	18.9	18.3	27.5
179	16.3	14.6	22.0

Manual Integrations
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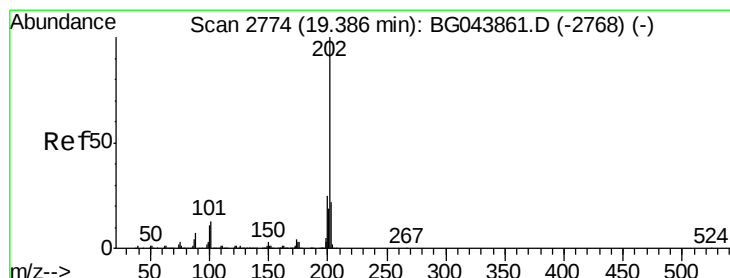
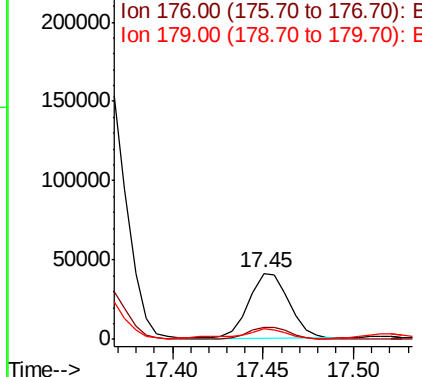
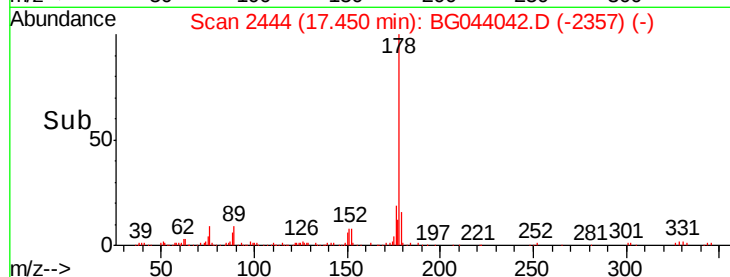


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 17.761 ng

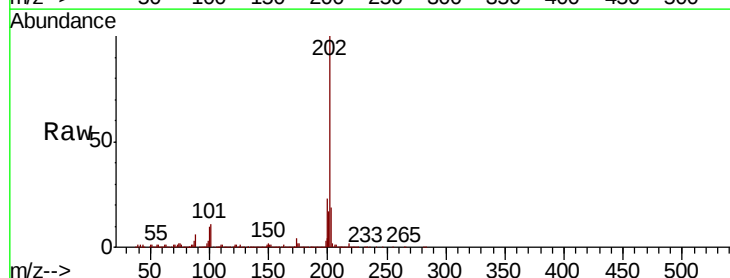
RT: 19.37 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG044042.D

Acq: 14 Jan 2020 18:46

Tgt Ion:	202	Resp:	640165
Ion Ratio	Lower	Upper	
202	100		
101	11.5	0.0	33.3
203	19.2	1.6	41.6

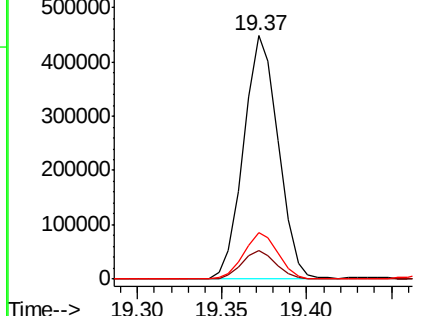
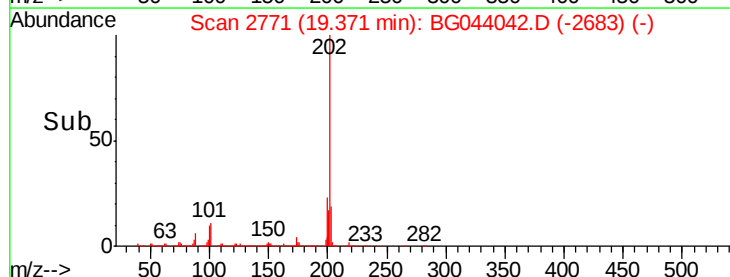


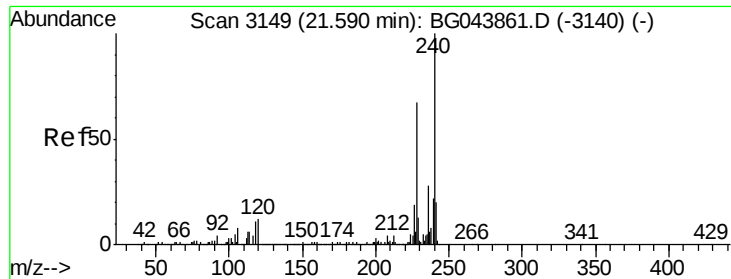
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





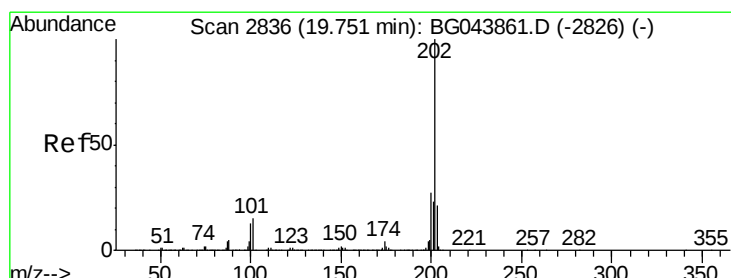
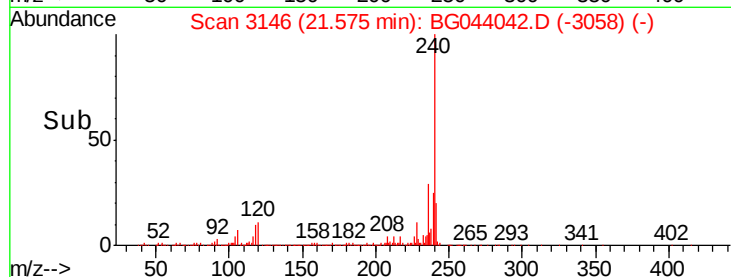
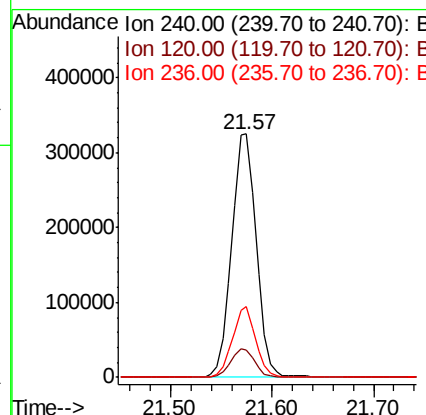
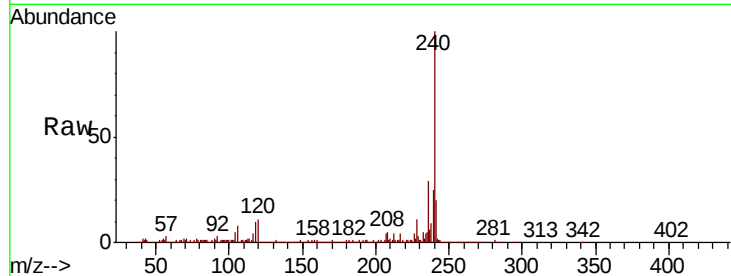
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.6	14.4
236	29.2	22.2	33.2

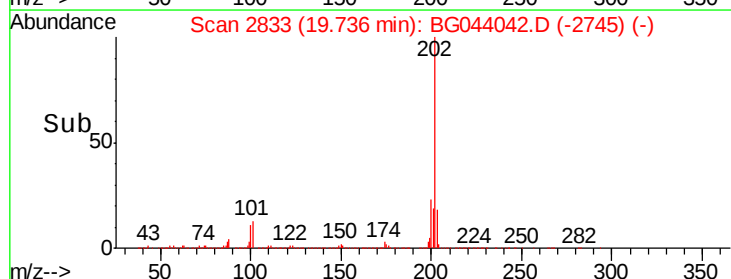
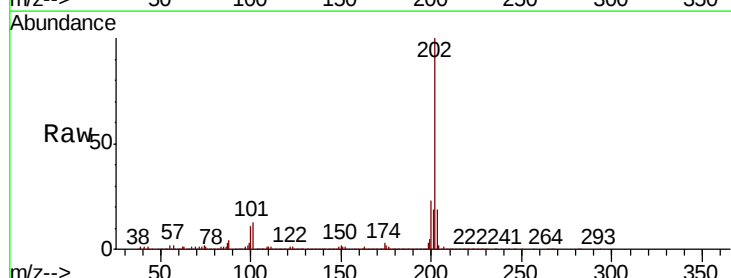
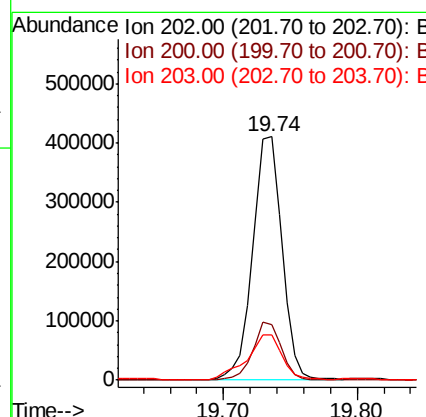
Manual Integrations
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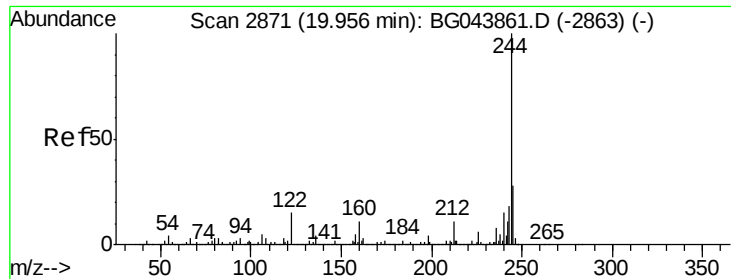
mohammad
1/16/2020 1:41:56 PM



#78
Pyrene
Concen: 17.332 ng
RT: 19.74 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	21.7	32.5
203	18.5	17.0	25.6





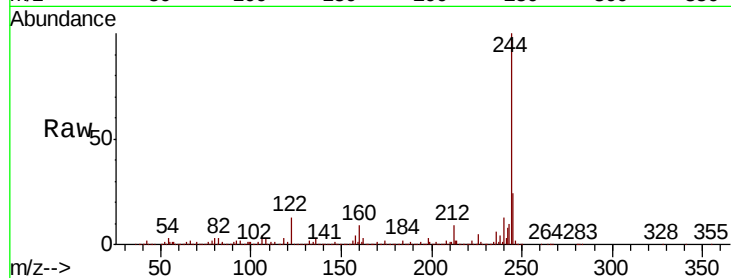
#79
 Terphenyl-d14
 Concen: 60.425 ng
 RT: 19.94 min Scan# 2867
 Delta R.T. -0.02 min
 Lab File: BG044042.D
 Acq: 14 Jan 2020 18:46

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	8.6	13.0
122	12.7	11.9	17.9

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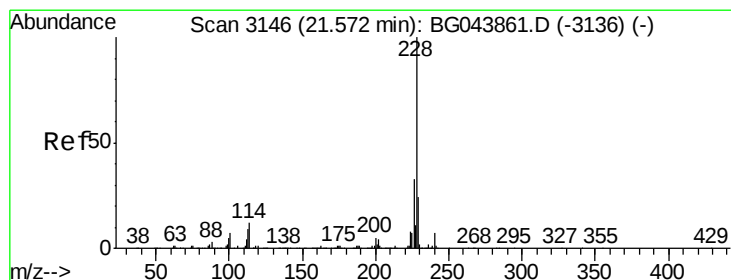
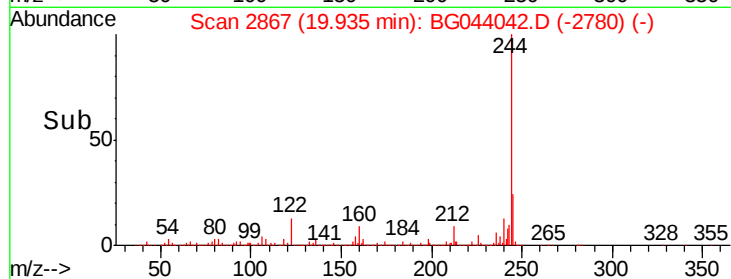
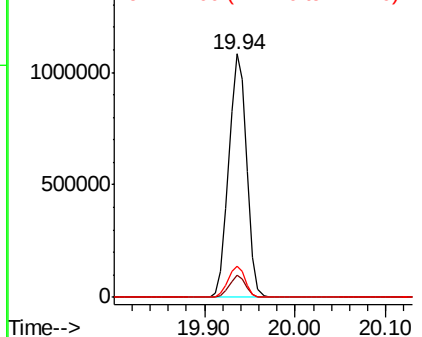


Abundance

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: 10.226 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG044042.D
 Acq: 14 Jan 2020 18:46

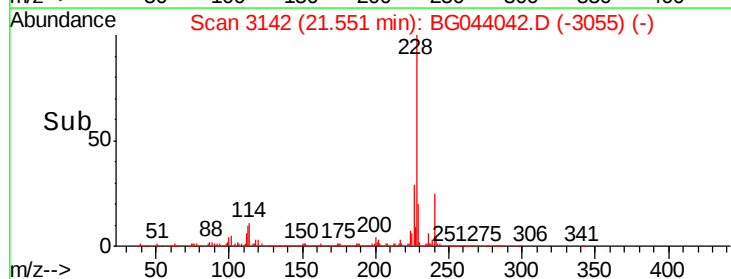
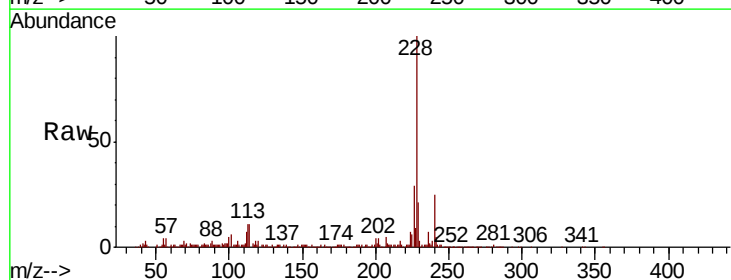
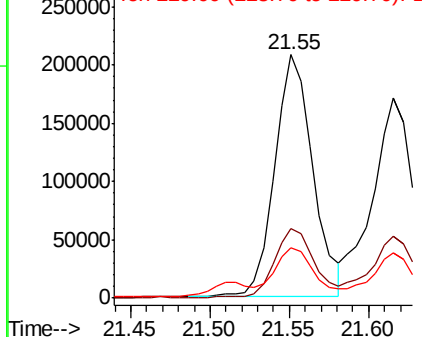
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	26.2	39.4
229	20.6	18.9	28.3

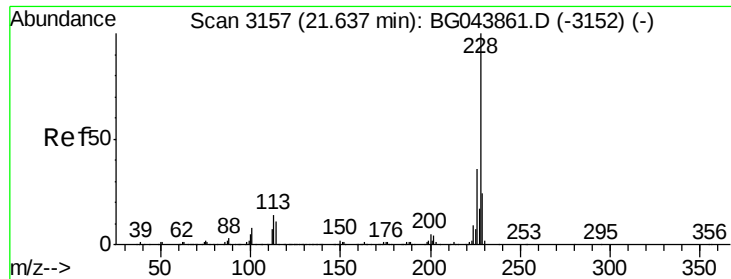
Abundance

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





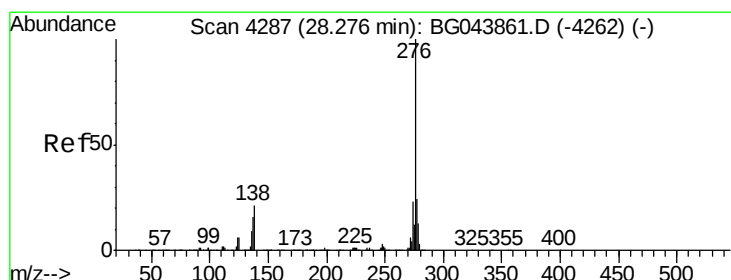
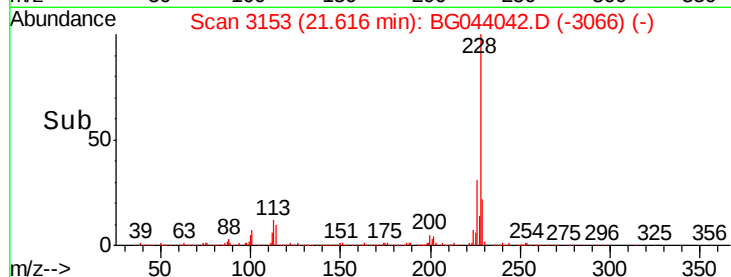
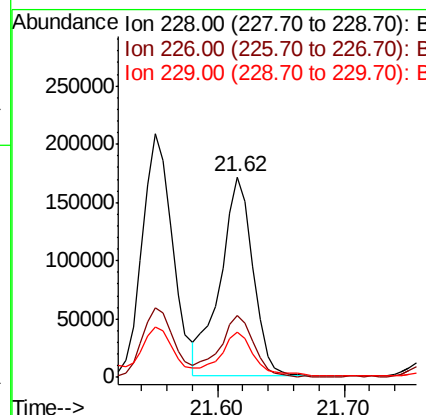
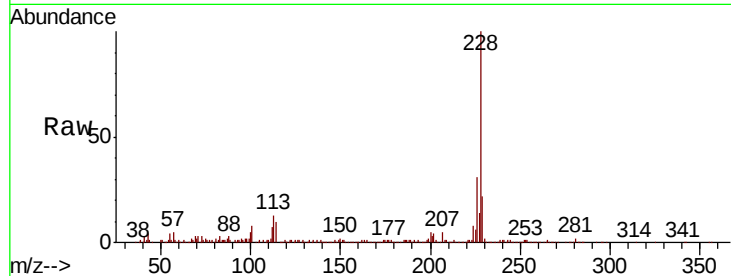
#83
Chrysene
Concen: 9.496 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.02 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	28.8	43.2
229	22.4	19.0	28.6

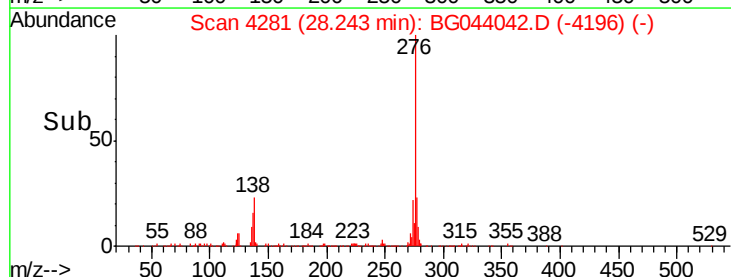
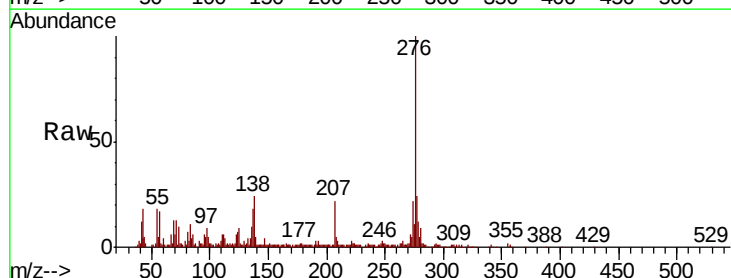
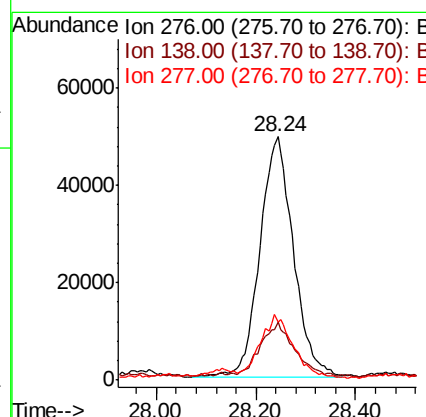
Manual Integrations
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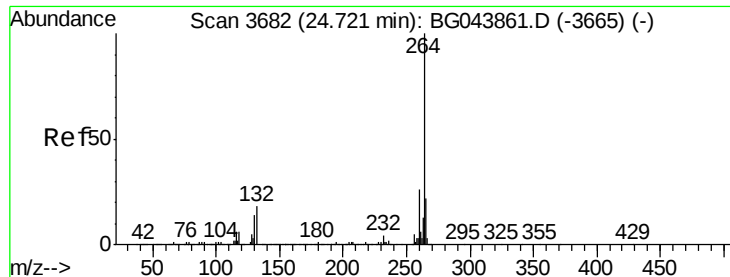
mohammad
1/16/2020 1:41:56 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 5.256 ng
RT: 28.24 min Scan# 4281
Delta R.T. -0.03 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.0	31.4
277	25.8	21.1	31.7





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3678

Delta R.T. -0.02 min

Lab File: BG044042.D

Acq: 14 Jan 2020 18:46

Instrument :

BNA_G

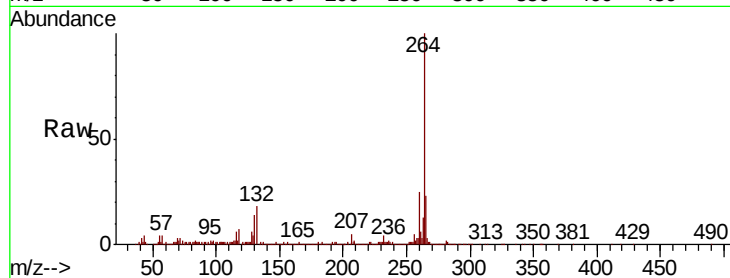
ClientSampleId :

INWOOD-BH-02-A

Tot Ion:	264	Resp:	616183
Ion Ratio	Lower	Upper	
264	100		
260	24.6	20.4	30.6
265	22.7	17.4	26.2

Manual Integrations
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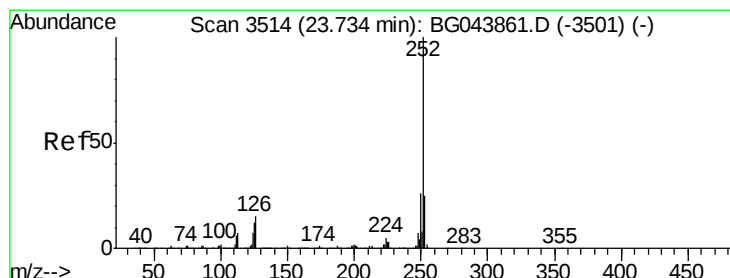
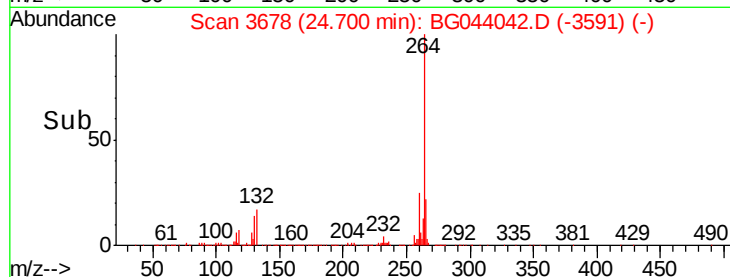
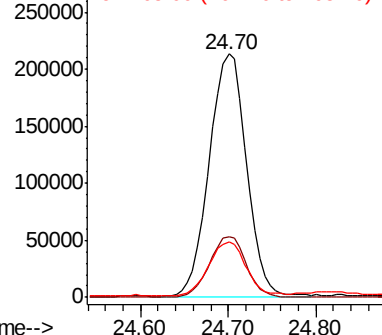


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 11.213 ng

RT: 23.71 min Scan# 3509

Delta R.T. -0.03 min

Lab File: BG044042.D

Acq: 14 Jan 2020 18:46

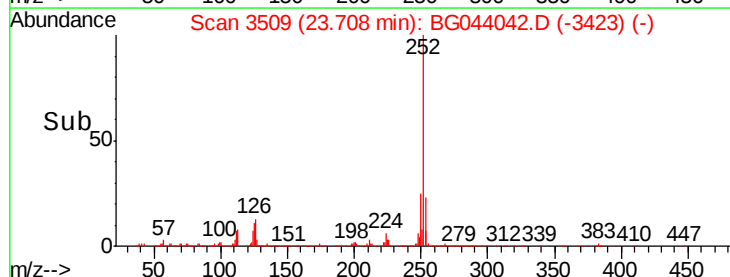
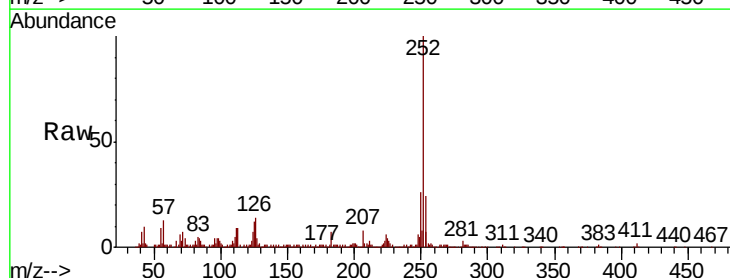
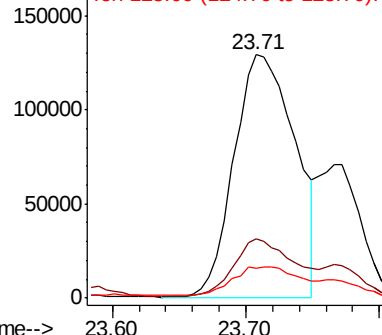
Tgt Ion:	252	Resp:	408441
Ion Ratio	Lower	Upper	
252	100		
253	24.4	19.7	29.5
125	12.2	9.4	14.2

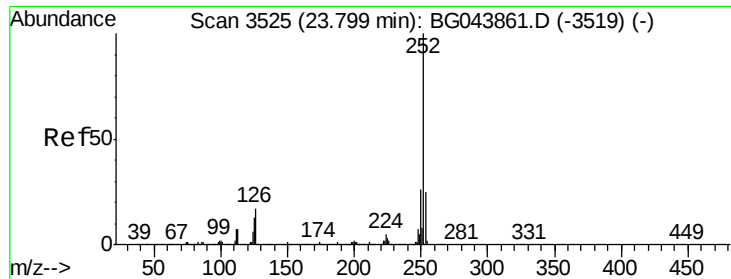
Abundance

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





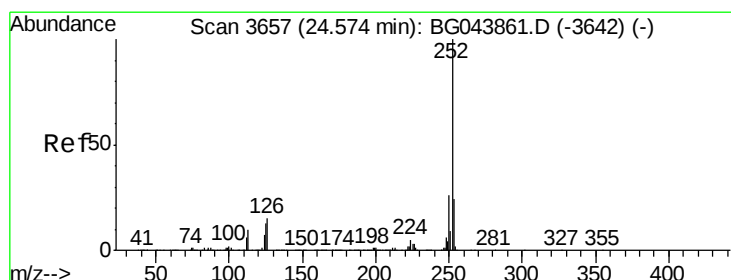
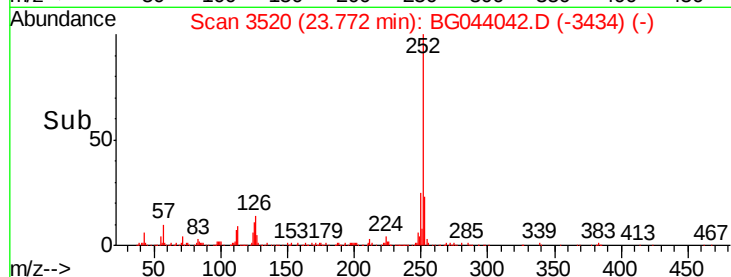
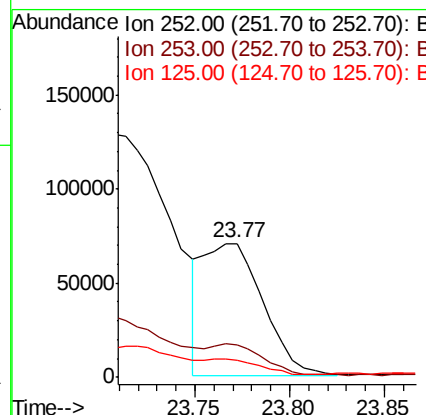
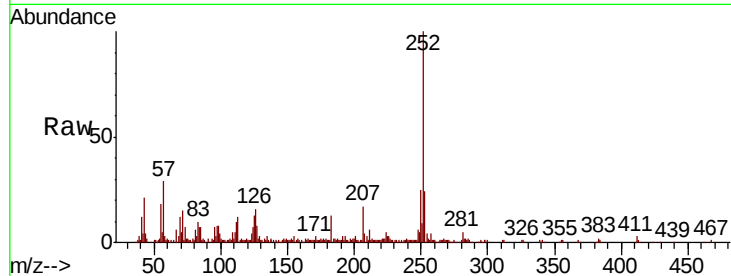
#89
Benzo(k)fluoranthene
Concen: 4.437 ng m
RT: 23.77 min Scan# 3520
Delta R.T. -0.03 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.4	29.2
125	12.7	9.9	14.9

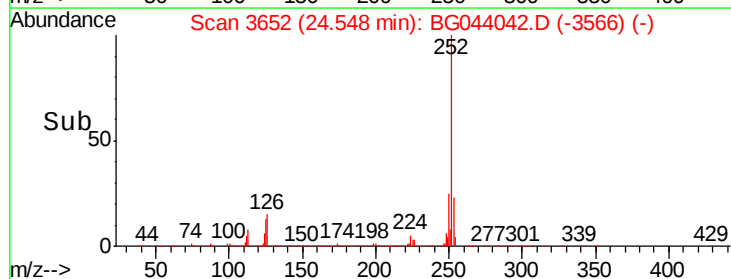
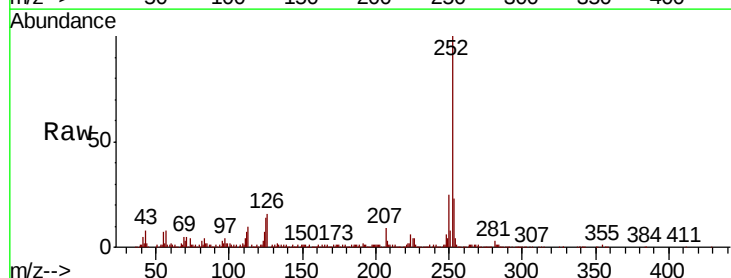
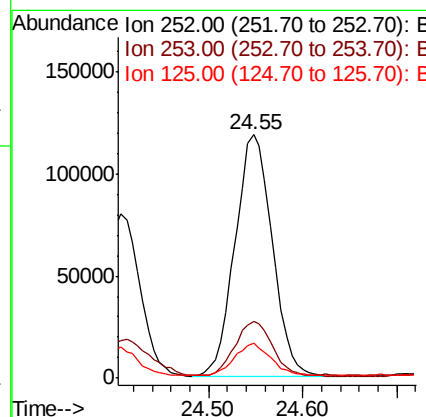
Manual Integrations
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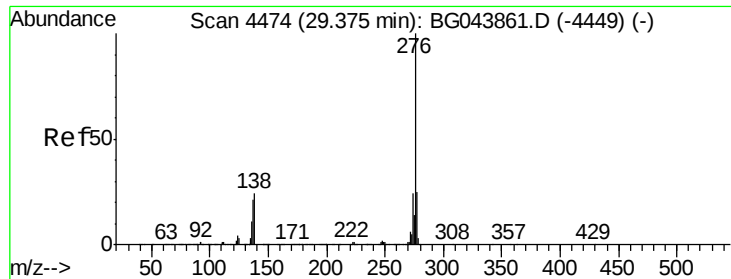
mohammad
1/16/2020 1:41:56 PM



#90
Benzo(a)pyrene
Concen: 9.553 ng
RT: 24.55 min Scan# 3652
Delta R.T. -0.03 min
Lab File: BG044042.D
Acq: 14 Jan 2020 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.3	28.9
125	14.2	10.4	15.6





#92

Benzo(a,h,i)perylene

Concen: 6.928 ng

RT: 29.35 min Scan# 4469

Delta R.T. -0.03 min

Lab File: BG044042.D

Acq: 14 Jan 2020 18:46

Instrument :

BNA_G

ClientSampleId :

INWOOD-BH-02-A

Tot Ion:	276	Resp:	237608
Ion Ratio	Lower	Upper	
276	100		
277	23.4	20.2	30.4
138	24.0	19.0	28.6

Manual Integrations
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mohammad
1/16/2020 1:41:56 PM

