

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045086.D
 Acq On : 19 Apr 2020 3:40
 Operator : CG/JU
 Sample : L2249-04 5X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Manual Integrations
 APPROVED

mohammad
 4/21/2020 8:21:41 AM

Quant Time: Apr 20 08:57:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 17 11:08:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	67398	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	281049	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	191205	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	392960	20.00	ng	0.00
76) Chrysene-d12	21.67	240	384670	20.00	ng	0.00
87) Perylene-d12	24.86	264	425286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	62890	15.41	ng	0.00
7) Phenol-d6	7.19	99	59796	9.86	ng	0.00
23) Nitrobenzene-d5	9.18	82	124065	20.14	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	87197	29.52	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	303339	23.26	ng	0.00
79) Terphenyl-d14	20.01	244	463817	26.28	ng	0.00
Target Compounds						
22) Acetophenone	8.83	105	27674m	3.641	ng	Qvalue
31) Naphthalene	10.88	128	123438	8.029	ng	98
37) 2-Methylnaphthalene	12.49	142	177005	14.832	ng	99
38) 1-Methylnaphthalene	12.70	142	133697	11.867	ng	100
58) Fluorene	15.71	166	30100	2.065	ng	# 89
71) Phenanthrene	17.45	178	69629	3.448	ng	97

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

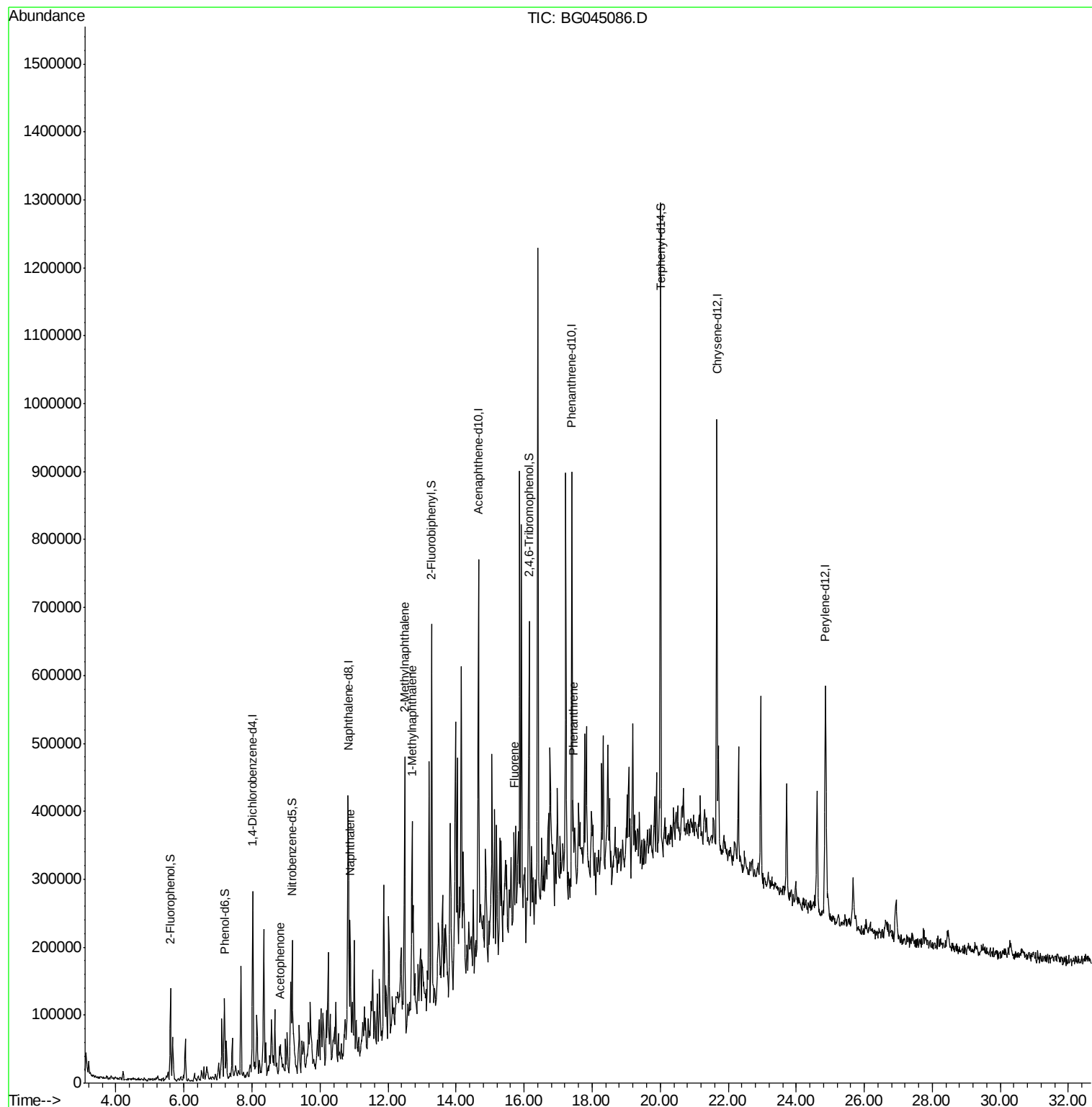
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045086.D
Acq On : 19 Apr 2020 3:40
Operator : CG/JU
Sample : L2249-04 5X
Misc :
ALS Vial : 57 Sample Multiplier: 1

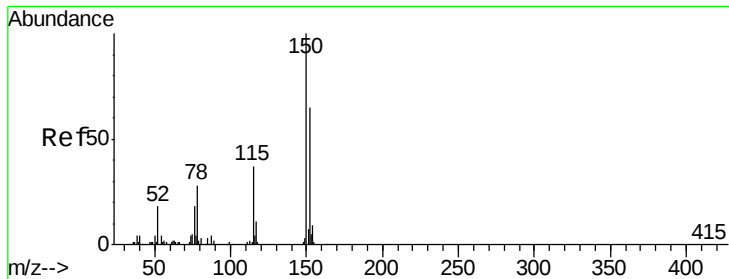
Instrument :
BNA_G
ClientSampleId :
WC-4

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Quant Time: Apr 20 08:57:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration





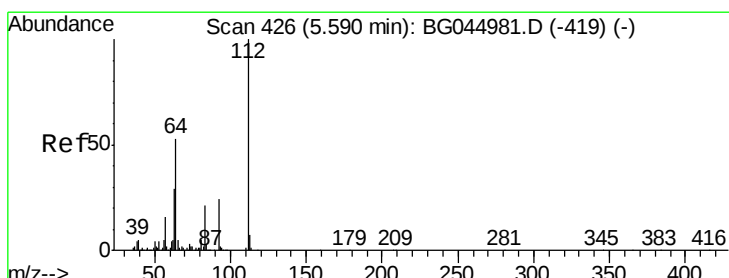
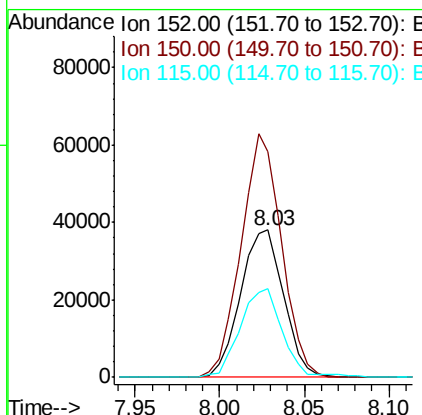
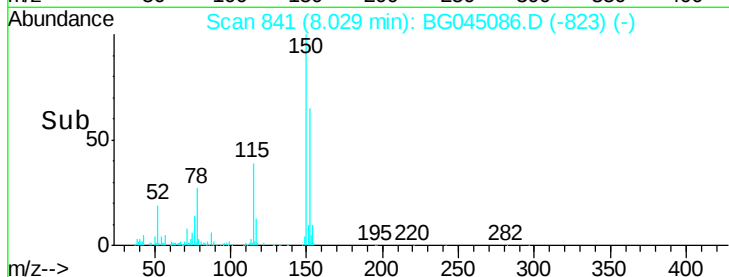
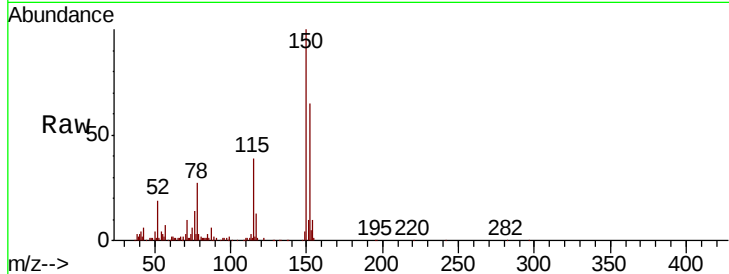
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BG045086.D
 Acq: 19 Apr 2020 3:40

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Tot Ion:	152	Resp:	67398
Ion Ratio	Lower	Upper	
152	100		
150	153.1	123.6	185.4
115	60.1	49.1	73.7

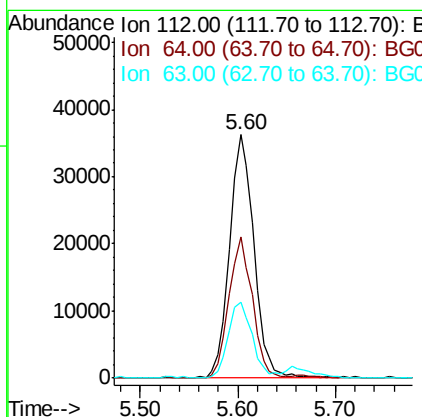
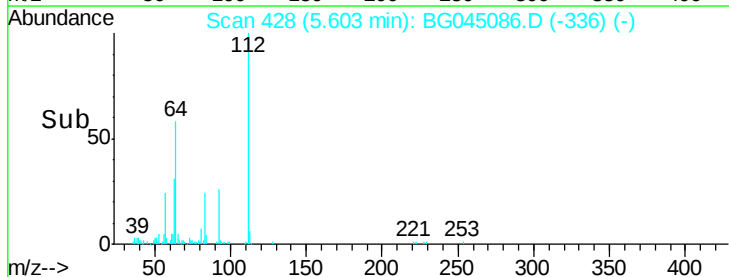
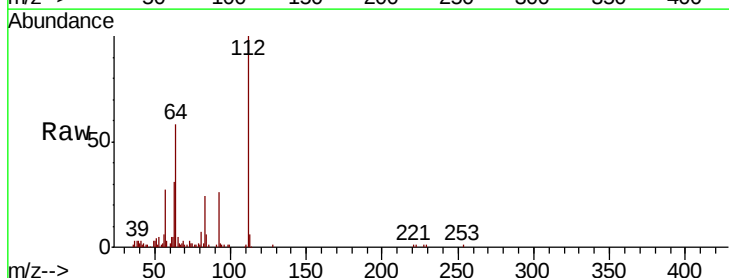
Manual Integrations
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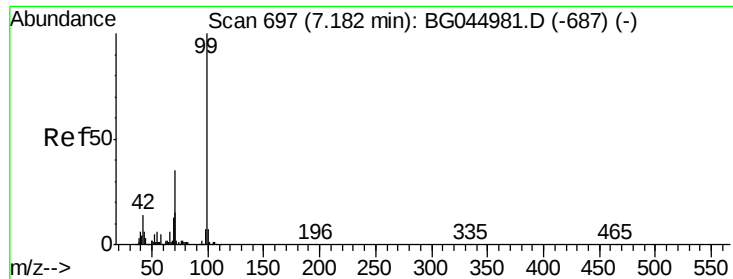
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#5
 2-Fluorophenol
 Concen: 15.405 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: BG045086.D
 Acq: 19 Apr 2020 3:40

Tgt Ion:	112	Resp:	62890
Ion Ratio	Lower	Upper	
112	100		
64	58.1	42.4	63.6
63	31.0	23.1	34.7





#7

Phenol-d6

Concen: 9.859 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG045086.D

Acq: 19 Apr 2020 3:40

Instrument :

BNA_G

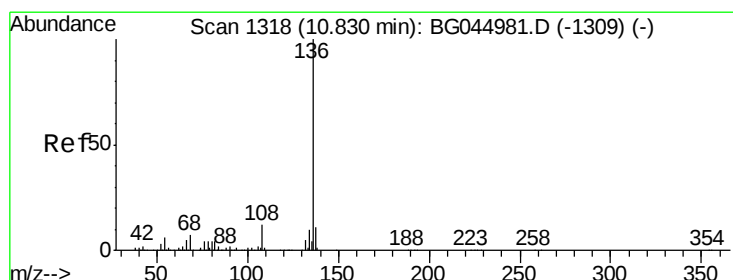
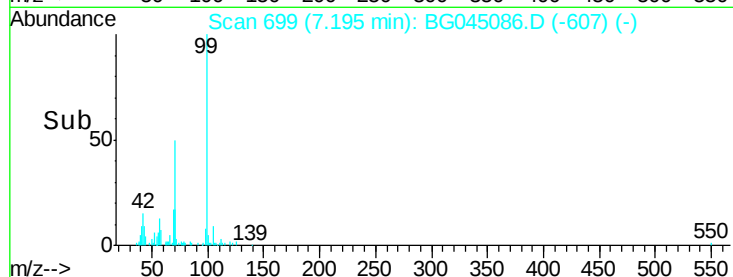
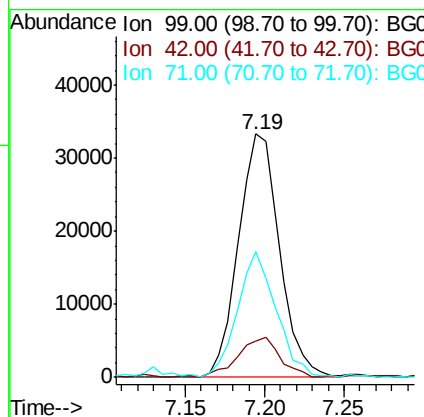
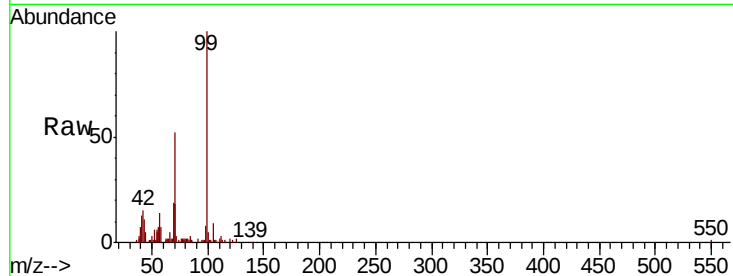
ClientSampleId :

WC-4

Tot Ion:	99	Resp:	59796
Ion Ratio	Lower	Upper	
99	100		
42	14.7	11.3	16.9
71	51.7	28.3	42.5#

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#21

Naphthalene-d8

Concen: 20.000 ng

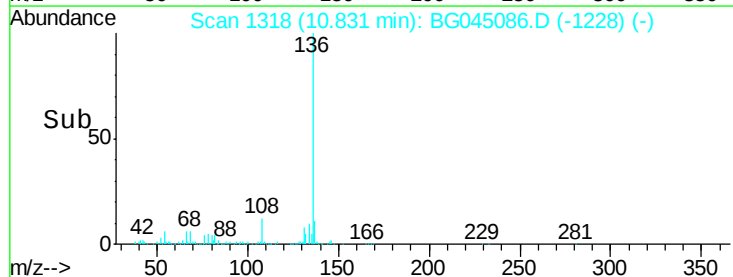
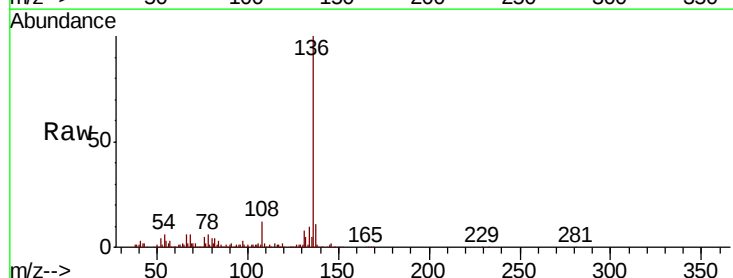
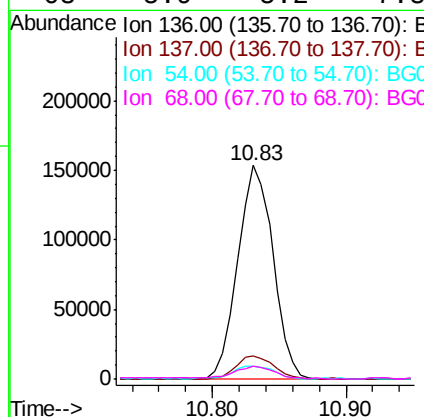
RT: 10.83 min Scan# 1318

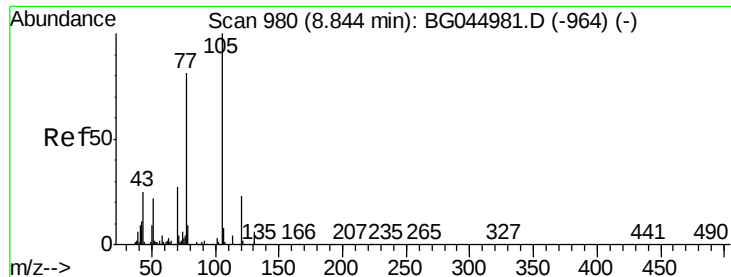
Delta R.T. -0.00 min

Lab File: BG045086.D

Acq: 19 Apr 2020 3:40

Tgt Ion:	136	Resp:	281049
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	6.2	4.8	7.2
68	5.9	5.2	7.8





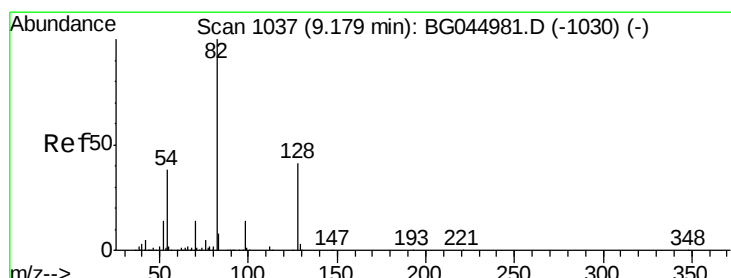
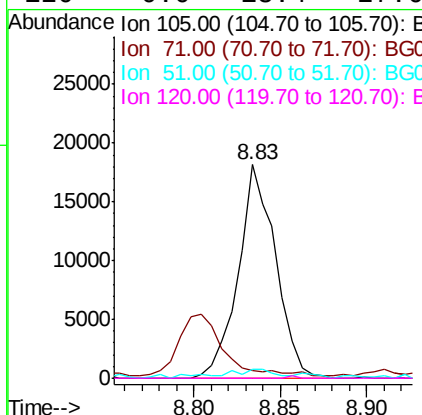
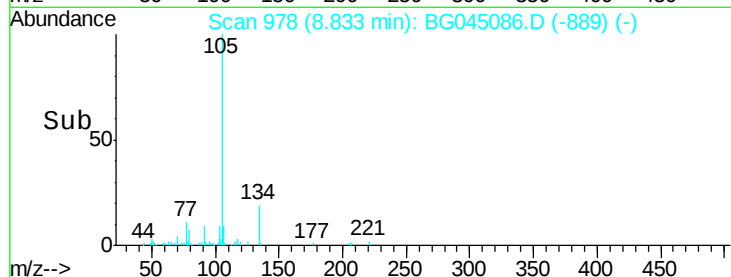
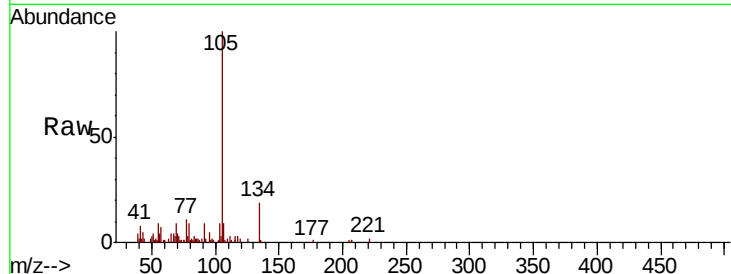
#22
Acetophenone
Concen: 3.641 ng/ml
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG045086.D
Acq: 19 Apr 2020 3:40

Instrument :
BNA_G
ClientSampleID :
WC-4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	27674		
71	71	3.4		3.3	4.9
51	51	4.1		17.3	25.9#
120	120	0.0		18.4	27.6#

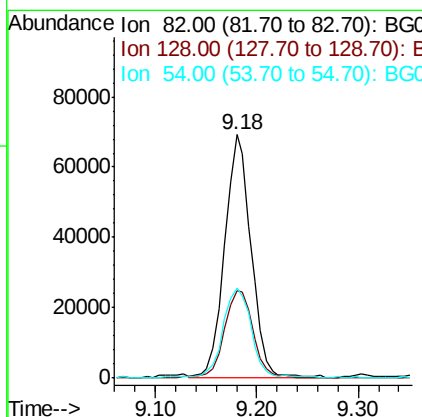
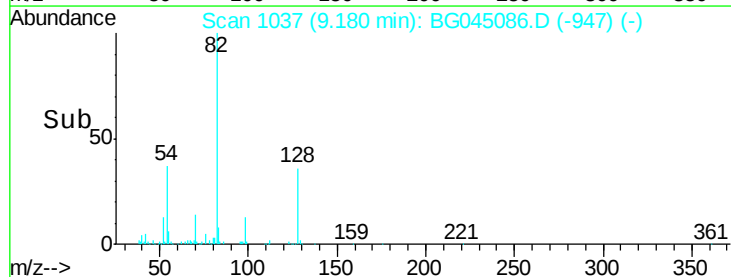
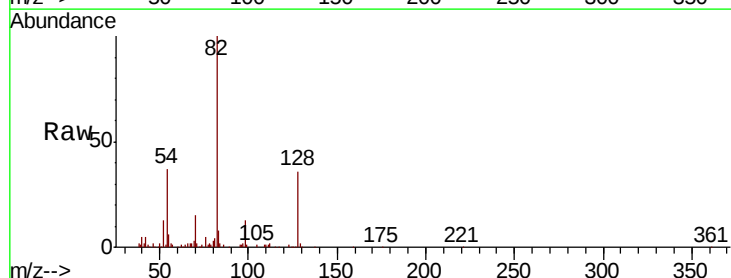
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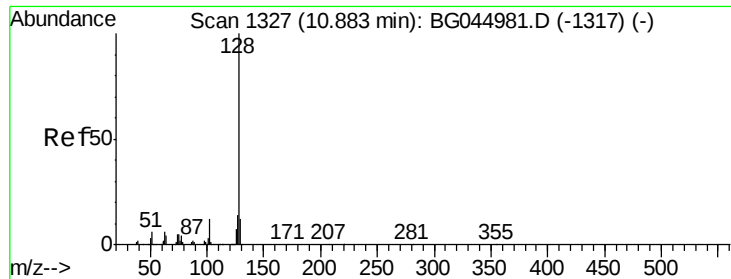
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#23
Nitrobenzene-d5
Concen: 20.142 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045086.D
Acq: 19 Apr 2020 3:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	124065		
128	128	35.8		33.0	49.4
54	54	36.8		30.4	45.6





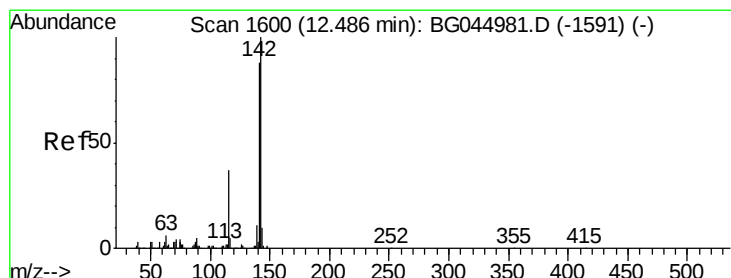
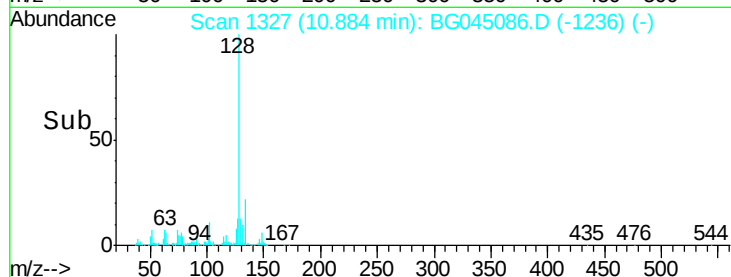
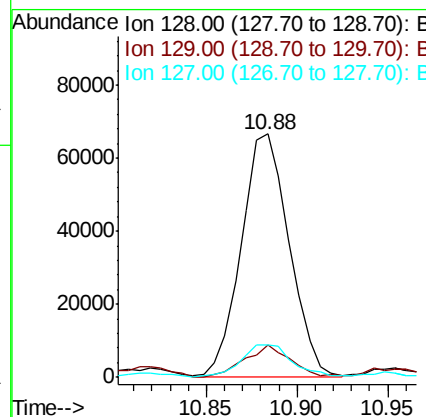
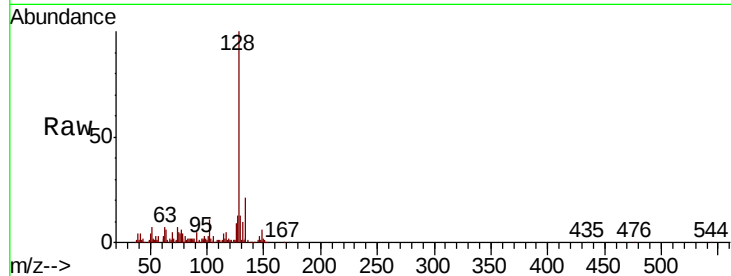
#31
Naphthalene
Concen: 8.029 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG045086.D
Acq: 19 Apr 2020 3:40

Instrument :
BNA_G
ClientSampleId :
WC-4

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.4	14.2
127	13.2	10.8	16.2

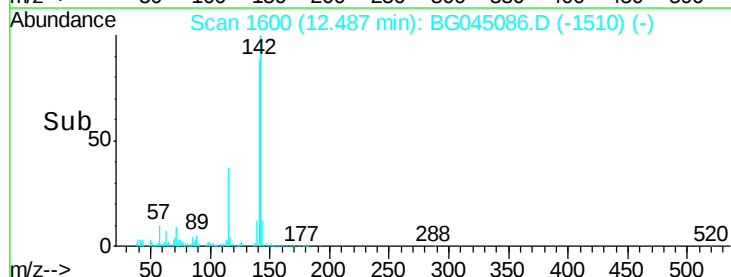
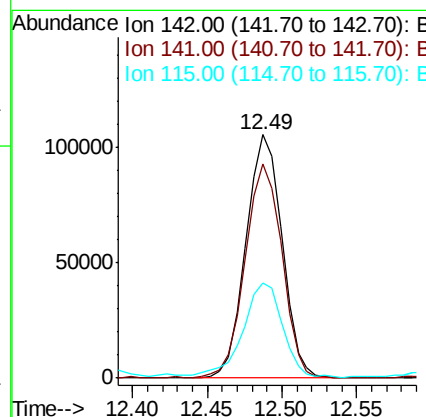
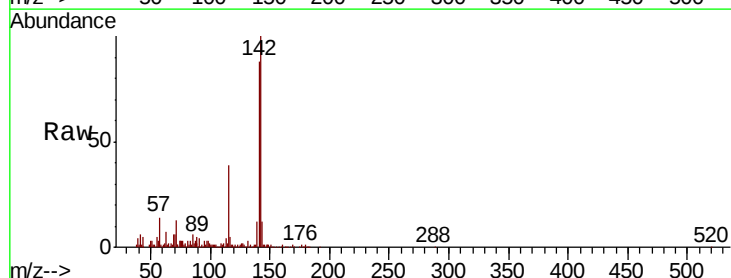
Manual Integrations
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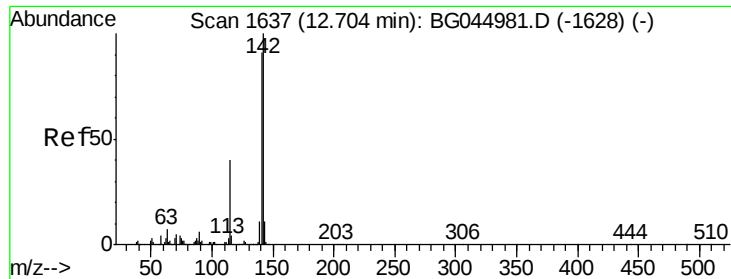
mohammad
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#37
2-Methylnaphthalene
Concen: 14.832 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG045086.D
Acq: 19 Apr 2020 3:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5
115	39.2	29.8	44.6





#38

1-Methylnaphthalene

Concen: 11.867 ng

RT: 12.70 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BG045086.D

Acq: 19 Apr 2020 3:40

Instrument :

BNA_G

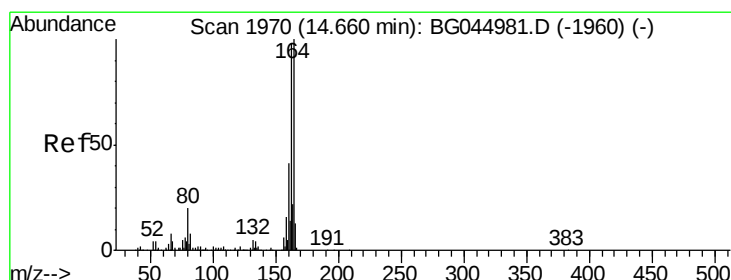
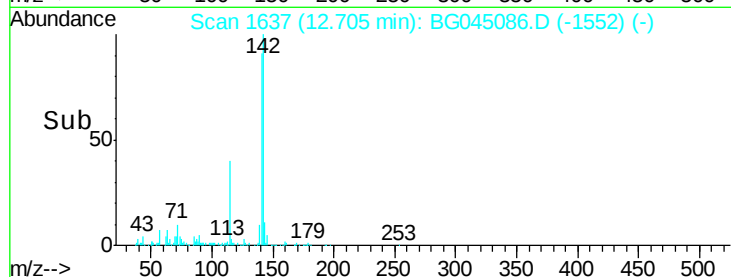
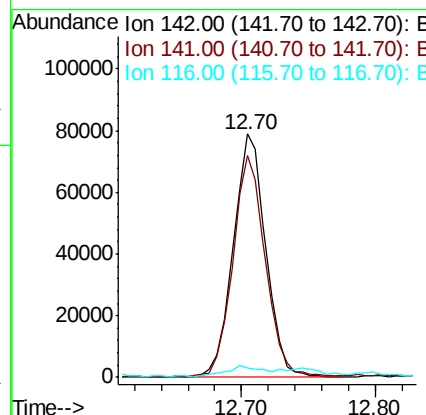
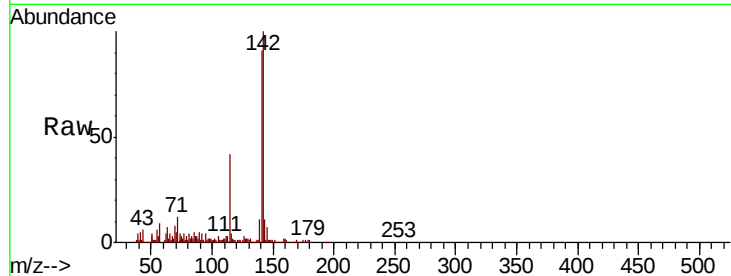
ClientSampled :

WC-4

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	4.1	3.1	4.7

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#39

Acenaphthene-d10

Concen: 20.000 ng

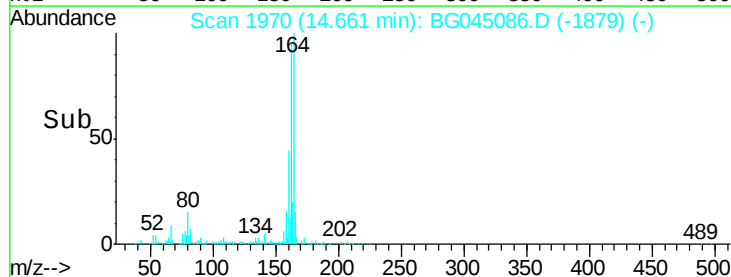
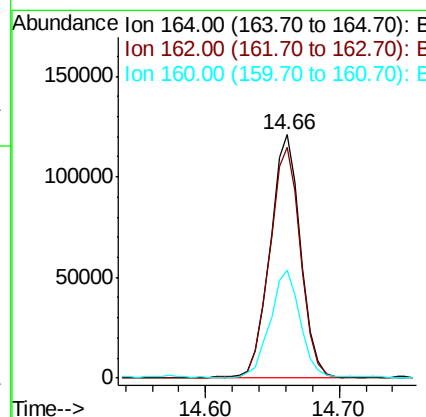
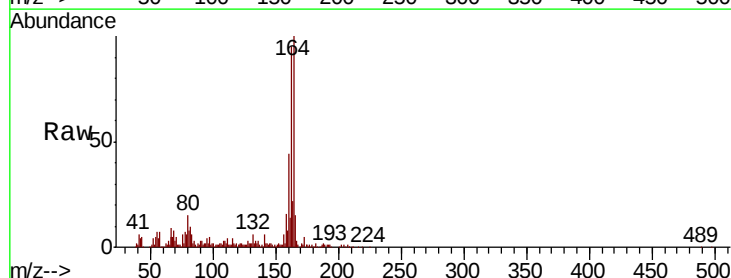
RT: 14.66 min Scan# 1970

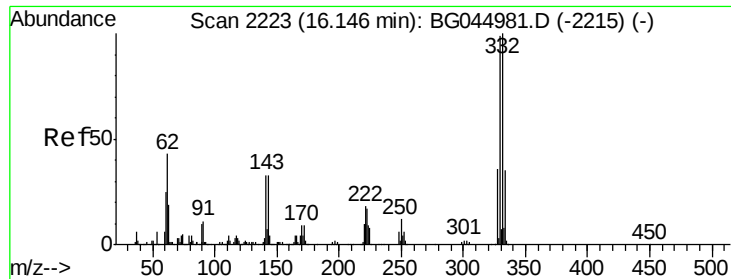
Delta R.T. 0.00 min

Lab File: BG045086.D

Acq: 19 Apr 2020 3:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.9	78.7	118.1
160	44.3	32.8	49.2





#42

2,4,6-Tribromophenol

Concen: 29.520 ng

RT: 16.15 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG045086.D

Acq: 19 Apr 2020 3:40

Instrument :

BNA_G

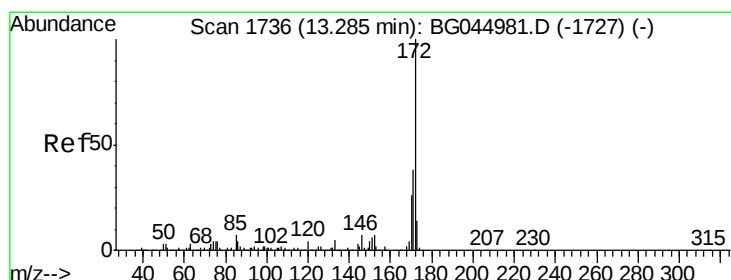
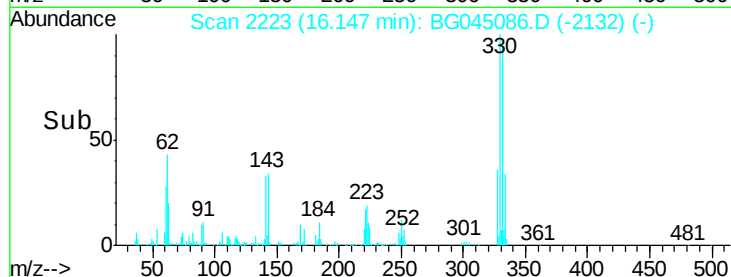
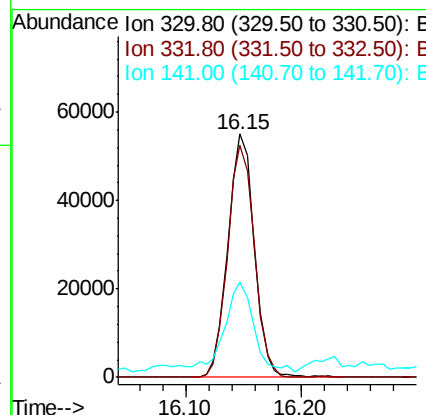
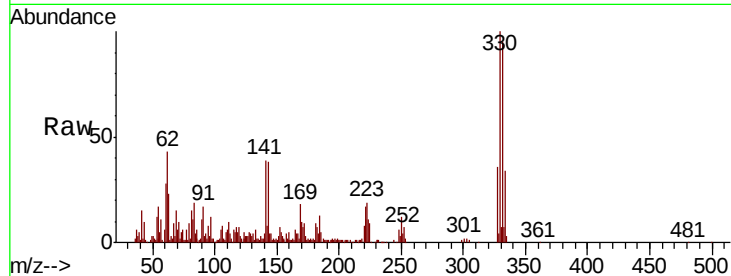
ClientSampled :

WC-4

Tot Ion:	330	Resp:	87197
Ion Ratio	Lower	Upper	
330	100		
332	96.4	79.1	118.7
141	40.5	27.1	40.7

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#45

2-Fluorobiphenyl

Concen: 23.263 ng

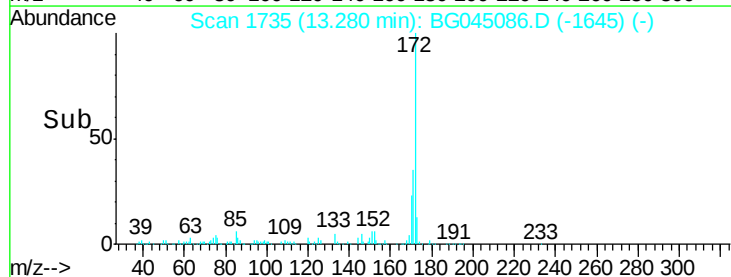
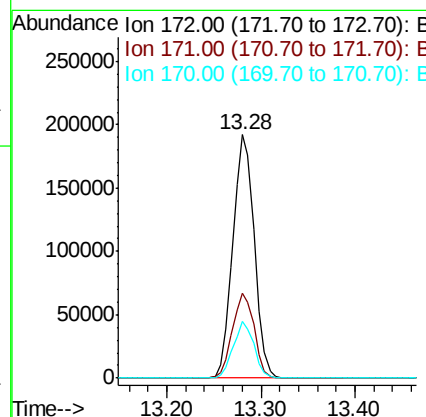
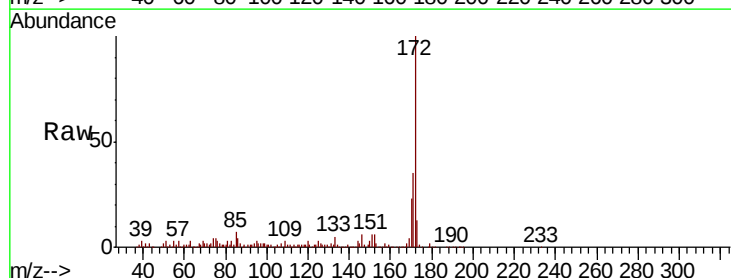
RT: 13.28 min Scan# 1735

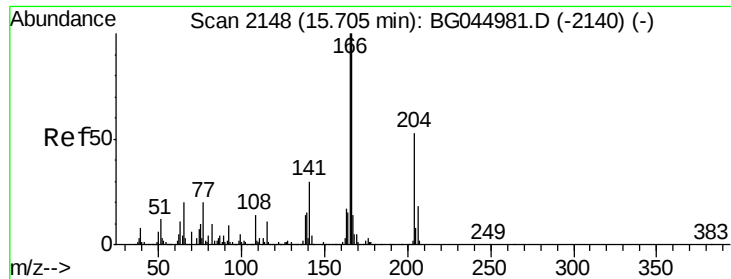
Delta R.T. -0.00 min

Lab File: BG045086.D

Acq: 19 Apr 2020 3:40

Tgt Ion:	172	Resp:	303339
Ion Ratio	Lower	Upper	
172	100		
171	35.0	30.6	46.0
170	23.2	20.5	30.7





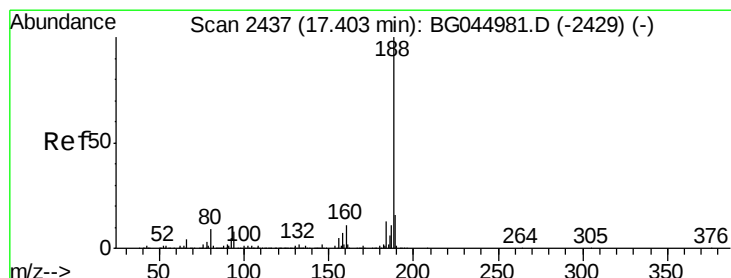
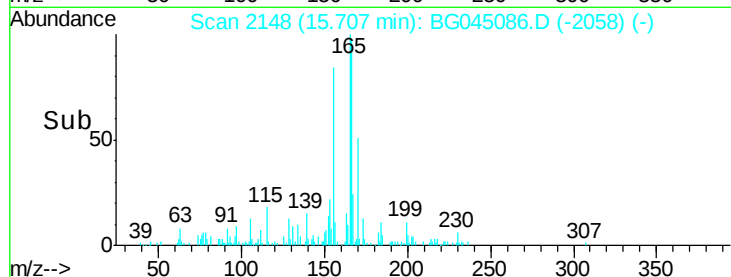
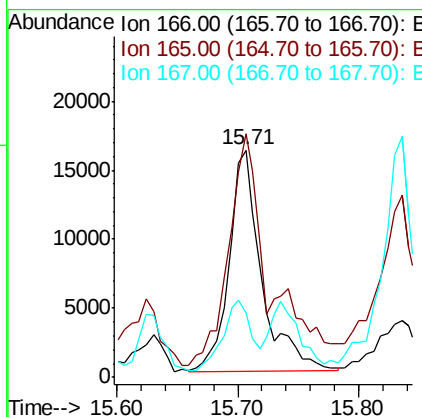
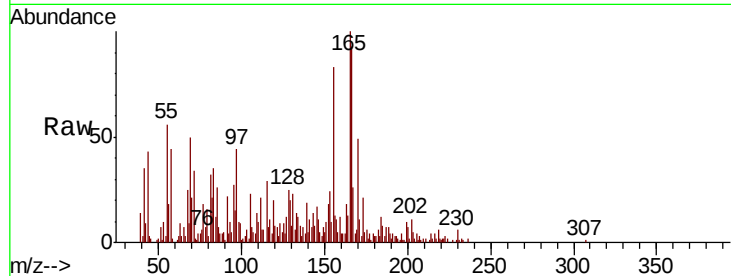
#58
Fluorene
 Concen: 2.065 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: BG045086.D
 Acq: 19 Apr 2020 3:40

Instrument :
 BNA_G
 ClientSampled :
 WC-4

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.2	79.9	119.9
167	28.2	11.4	17.0

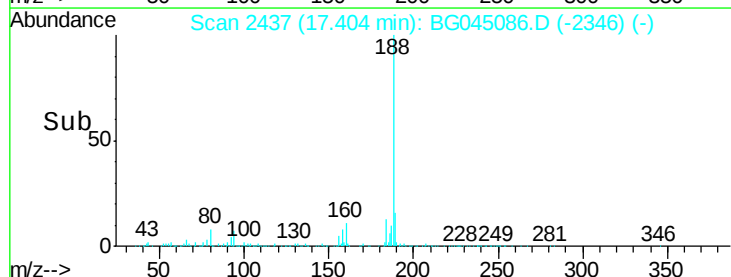
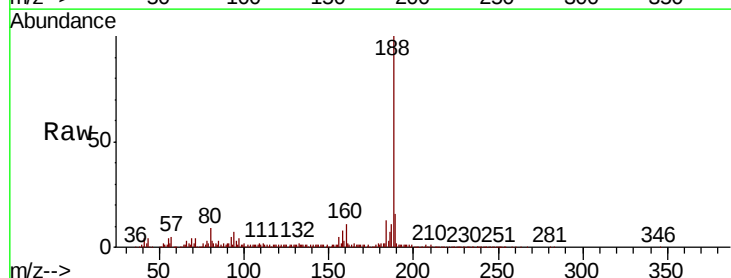
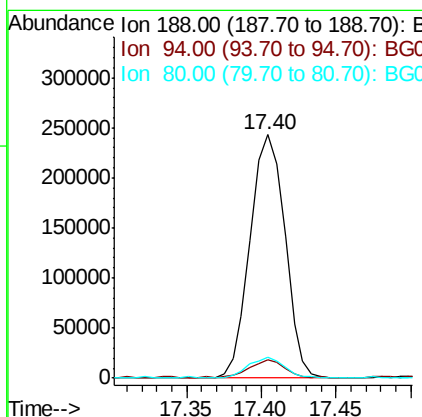
Manual Integrations
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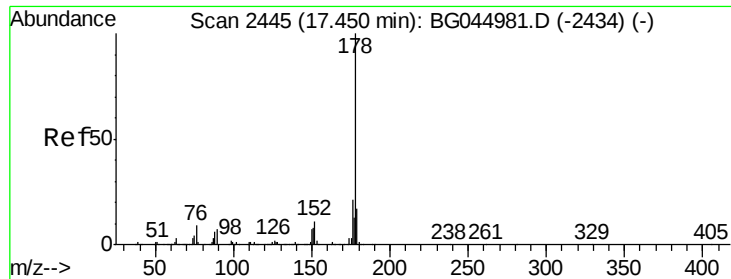
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#64
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: BG045086.D
 Acq: 19 Apr 2020 3:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.2	9.4
80	8.8	7.0	10.6





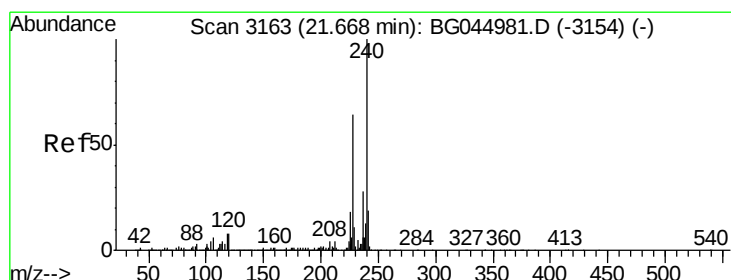
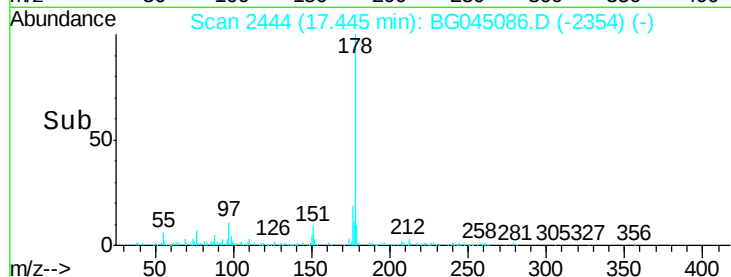
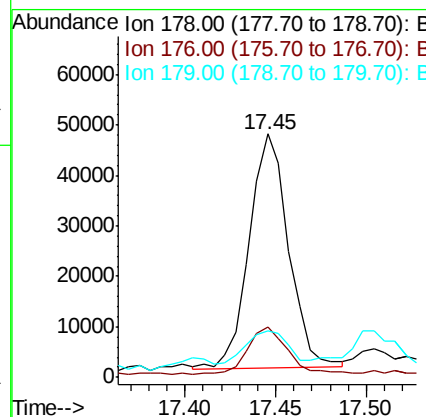
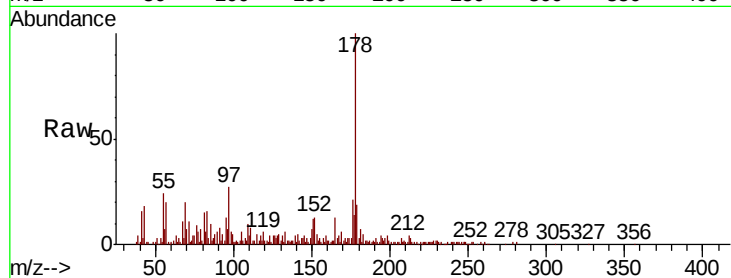
#71
Phenanthrene
Concen: 3.448 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045086.D
Acq: 19 Apr 2020 3:40

Instrument :
BNA_G
ClientSampleId :
WC-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.8	25.2
179	19.1	13.2	19.8

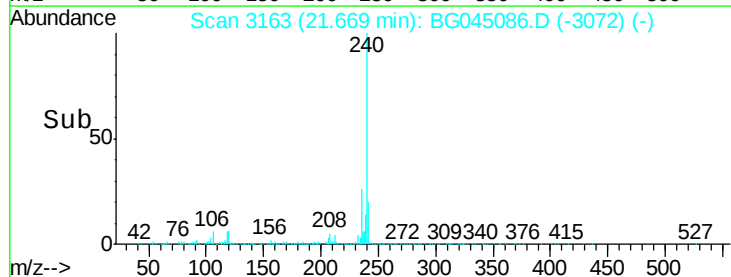
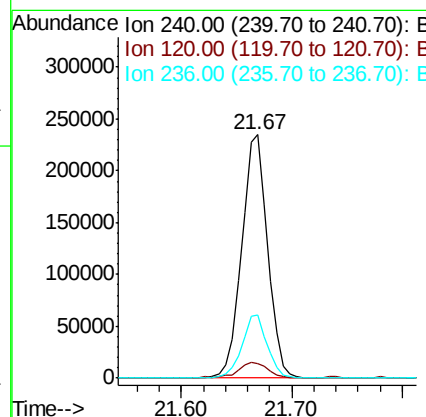
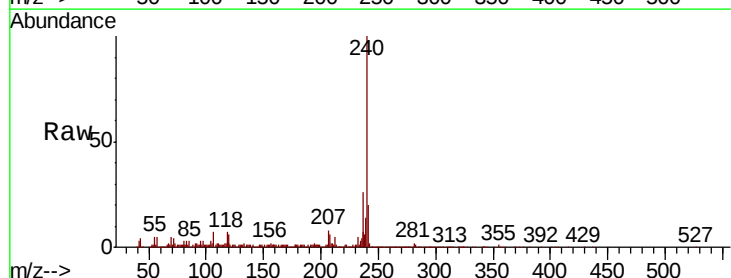
Manual Integrations
APPROVED

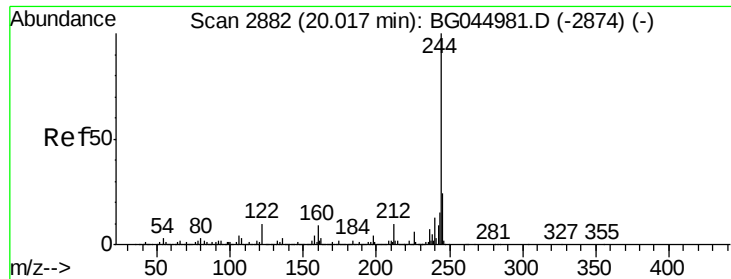
mohammad
4/21/2020 8:21:41 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BG045086.D
Acq: 19 Apr 2020 3:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.6	10.0#
236	25.9	22.2	33.2





#79

Terphenyl-d14

Concen: 26.280 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045086.D

Acq: 19 Apr 2020 3:40

Instrument :

BNA_G

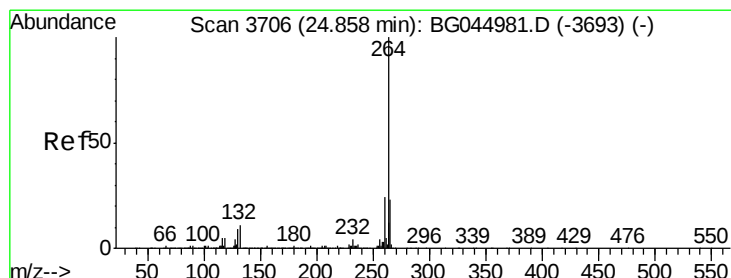
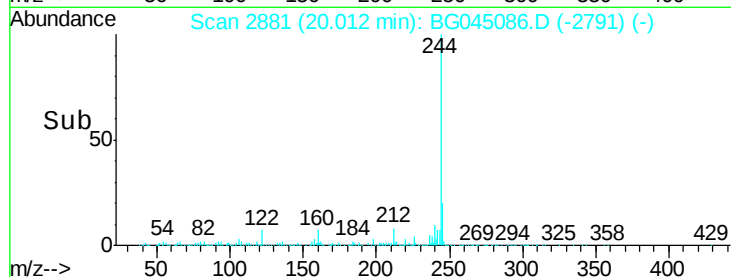
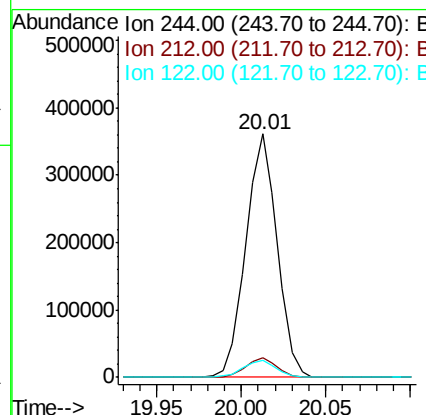
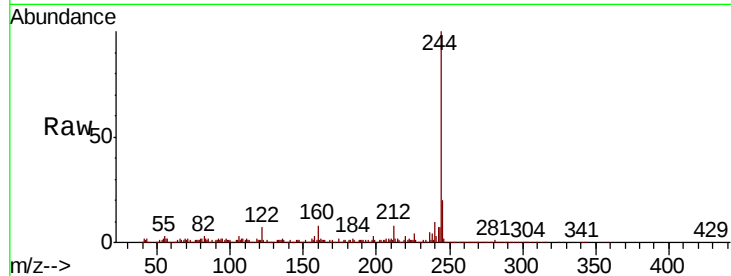
ClientSampleId :

WC-4

Tot Ion:	244	Resp:	463817
Ion Ratio		Lower	Upper
244	100		
212	8.0	7.9	11.9
122	6.8	7.7	11.5#

Manual Integrations
APPROVED

mohammad
4/21/2020 8:21:41 AM



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3707

Delta R.T. 0.01 min

Lab File: BG045086.D

Acq: 19 Apr 2020 3:40

Tgt Ion:	264	Resp:	425286
Ion Ratio		Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	19.0	28.4

