

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
 Data File : BG045079.D
 Acq On : 18 Apr 2020 23:00
 Operator : CG/JU
 Sample : L2277-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-2

Manual Integrations
 APPROVED

mohammad
 4/21/2020 8:21:29 AM

Quant Time: Apr 20 04:41:10 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	8.02	152	72006	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	315063	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	226563	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	478167	20.00	ng	0.00
76) Chrysene-d12	21.66	240	437566	20.00	ng	0.00
87) Perylene-d12	24.85	264	479611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	669906	153.60	ng	0.00
7) Phenol-d6	7.19	99	1052339	162.40	ng	0.00
23) Nitrobenzene-d5	9.18	82	687976	99.64	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	536490	153.28	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1628514	105.40	ng	0.00
79) Terphenyl-d14	20.01	244	2269565	113.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	258560	14.016	ng	99
71) Phenanthrene	17.45	178	55651	2.265	ng	98
78) Pyrene	19.81	202	94010	3.116	ng	96
88) Benzo(b)fluoranthene	23.85	252	71586m	2.383	ng	

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

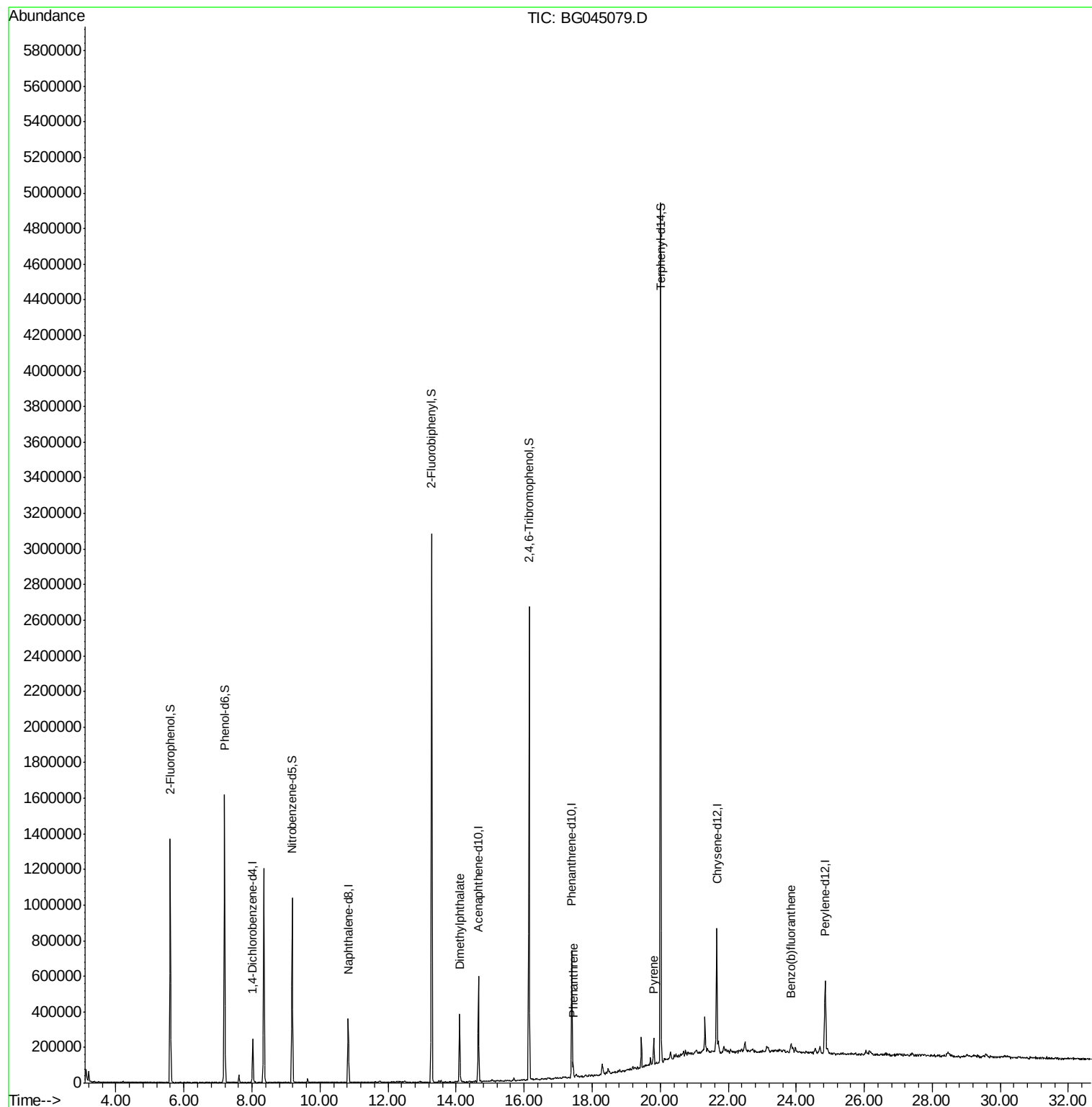
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045079.D
Acq On : 18 Apr 2020 23:00
Operator : CG/JU
Sample : L2277-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

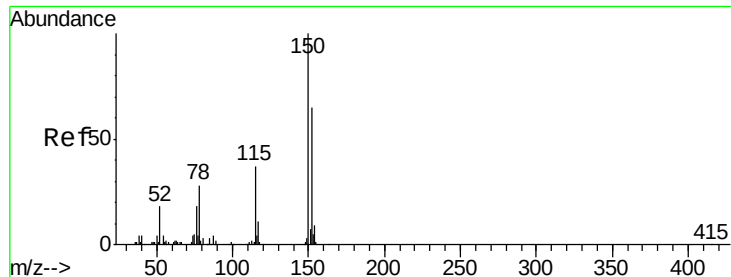
Instrument :
BNA_G
ClientSampleId :
B-2

Manual Integrations
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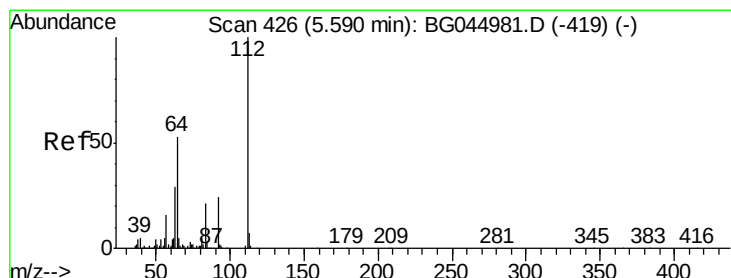
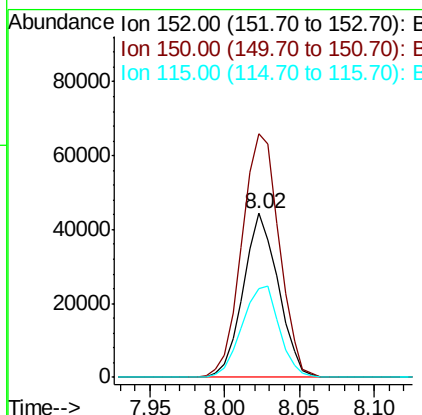
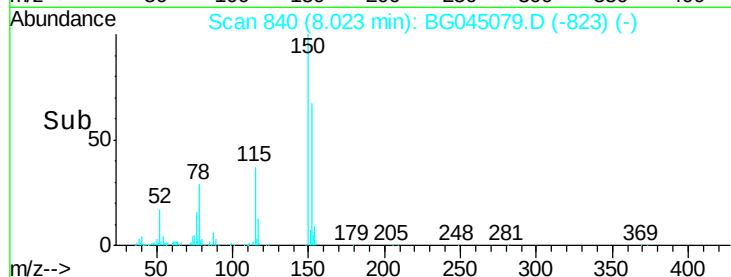
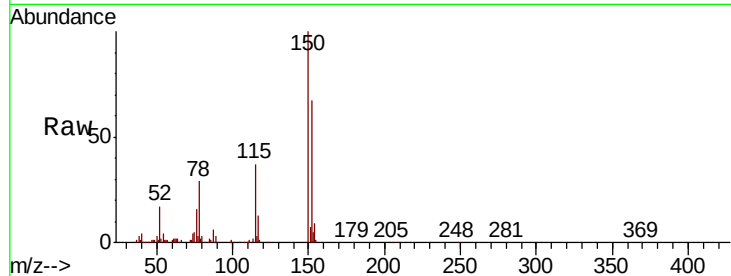
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
B-2

Tot Ion:	152	Resp:	72006
Ion Ratio	Lower	Upper	
152	100		
150	148.7	123.6	185.4
115	54.5	49.1	73.7

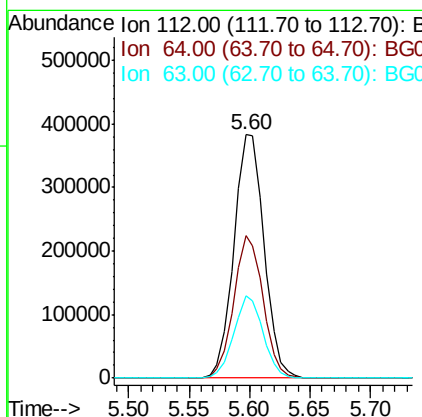
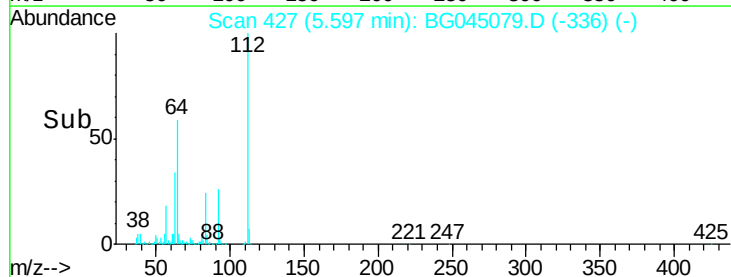
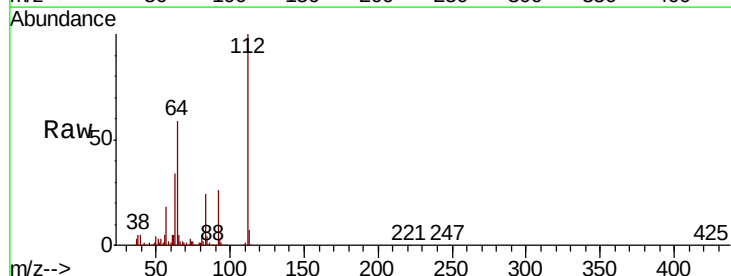
Manual Integrations
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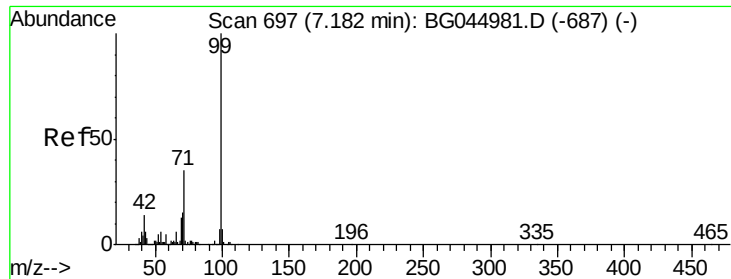
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#5
2-Fluorophenol
Concen: 153.595 ng
RT: 5.60 min Scan# 427
Delta R.T. 0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Tgt Ion:	112	Resp:	669906
Ion Ratio	Lower	Upper	
112	100		
64	58.6	42.4	63.6
63	33.6	23.1	34.7





#7

Phenol-d6

Concen: 162.396 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.01 min

Lab File: BG045079.D

Acq: 18 Apr 2020 23:00

Instrument :

BNA_G

ClientSampled :

B-2

Tot Ion: 99 Resp: 1052339

Ion Ratio Lower Upper

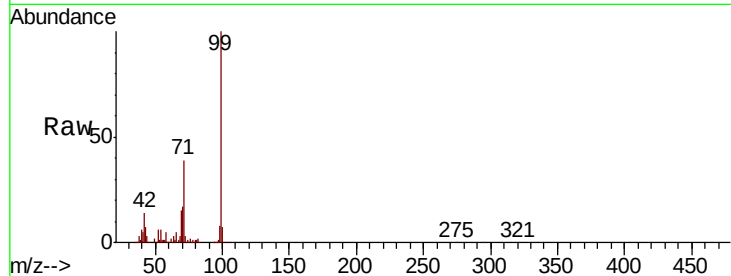
99 100

42 14.3 11.3 16.9

71 38.9 28.3 42.5

Manual Integrations
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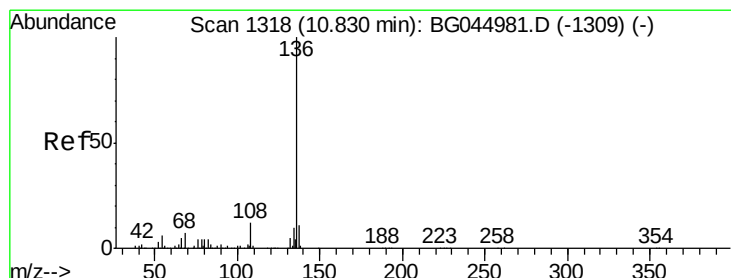
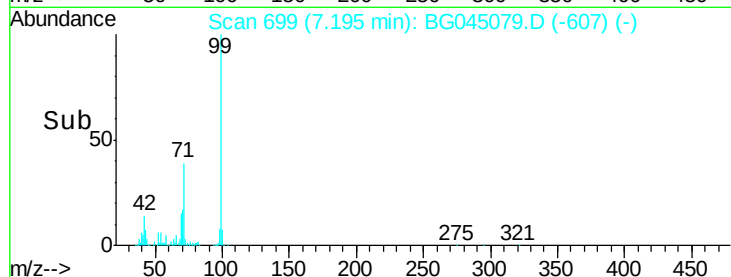
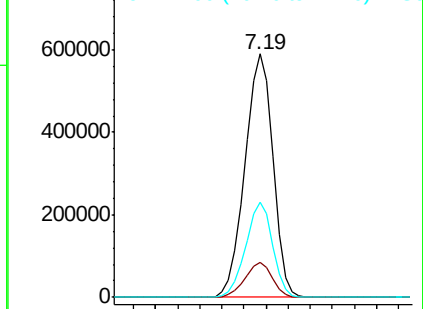


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG045079.D

Acq: 18 Apr 2020 23:00

Tgt Ion: 136 Resp: 315063

Ion Ratio Lower Upper

136 100

137 12.6 8.6 13.0

54 6.5 4.8 7.2

68 5.3 5.2 7.8

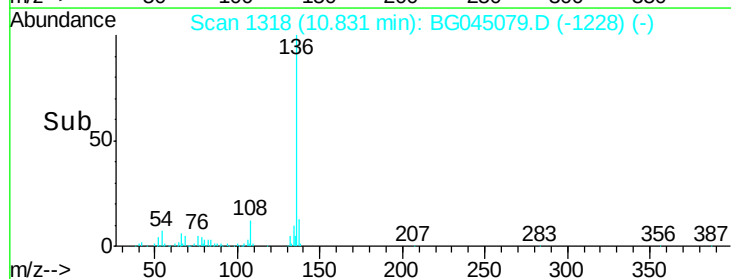
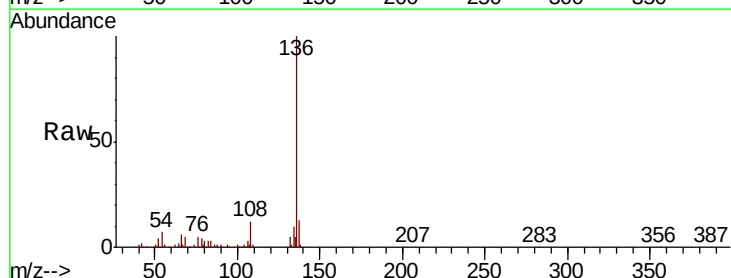
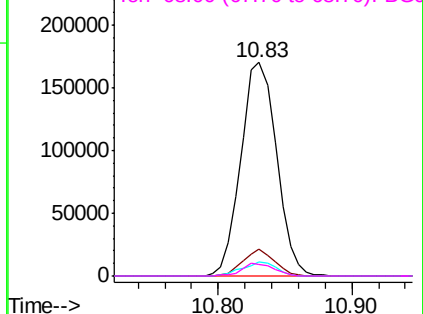
Abundance

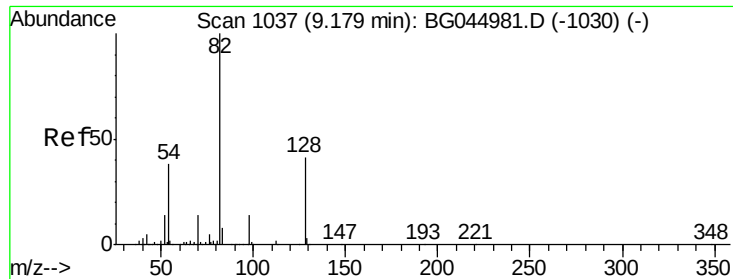
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





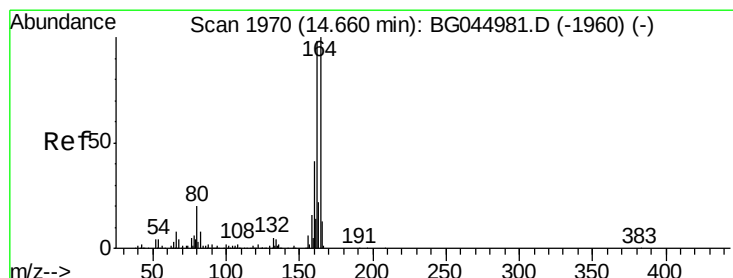
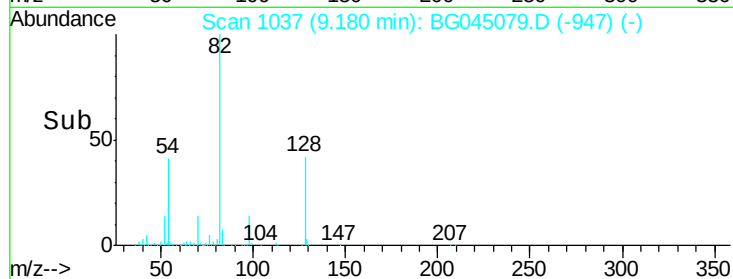
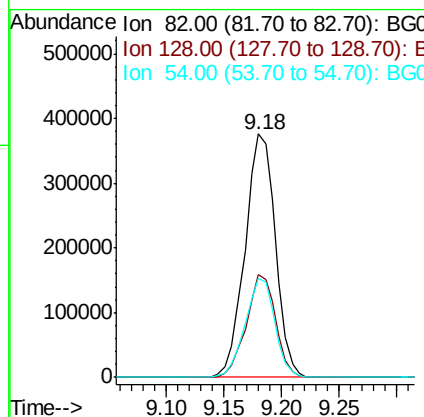
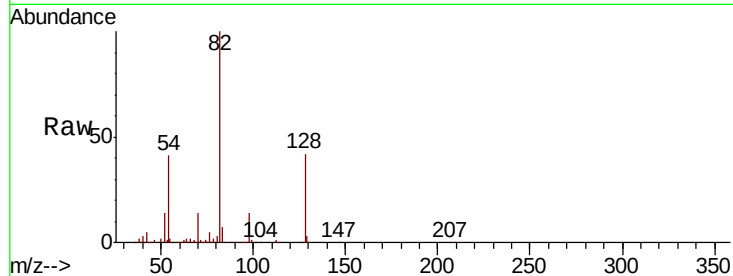
#23
Nitrobenzene-d5
Concen: 99.636 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Instrument :
BNA_G
ClientSampled :
B-2

Tot Ion	Ratio	Resp	Lower	Upper
82	100	687976		
128	42.0		33.0	49.4
54	40.7		30.4	45.6

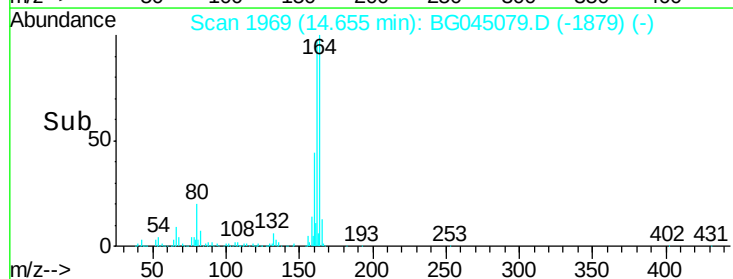
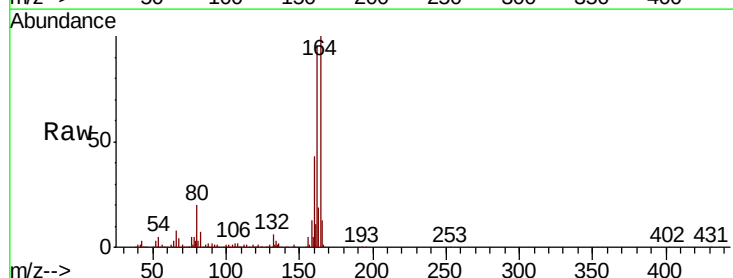
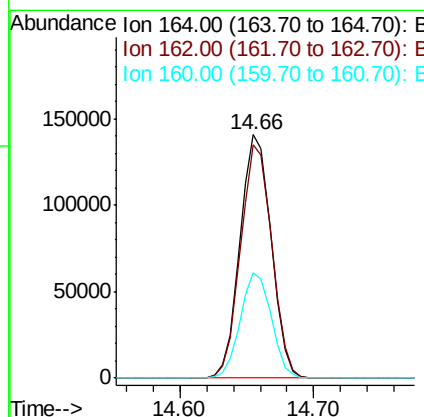
Manual Integrations
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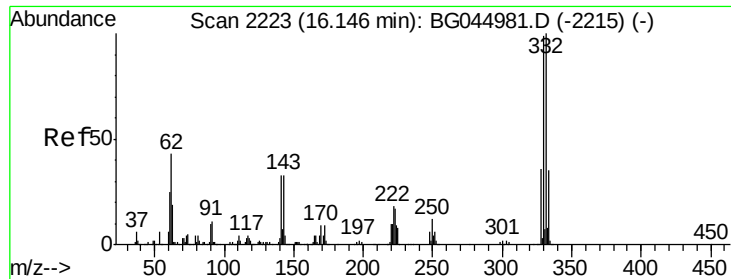
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	226563		
162	96.0		78.7	118.1
160	43.1		32.8	49.2





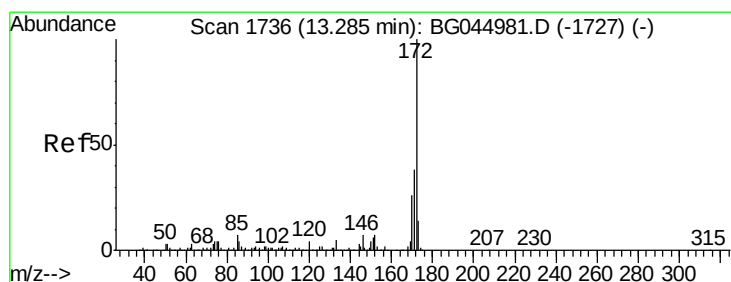
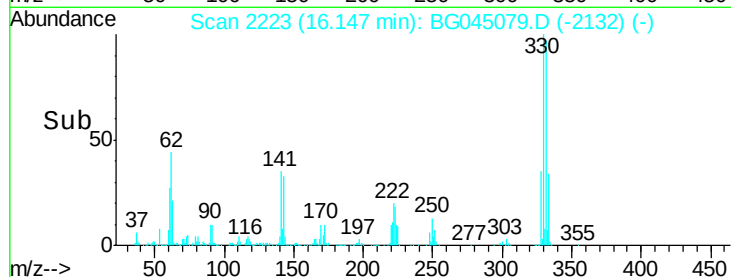
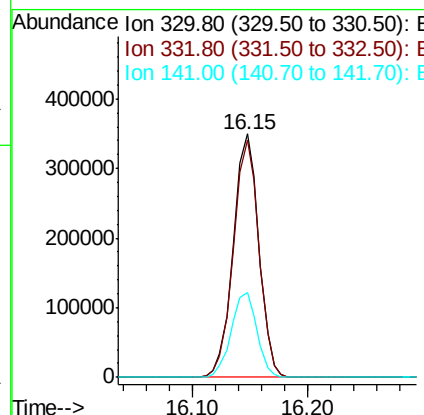
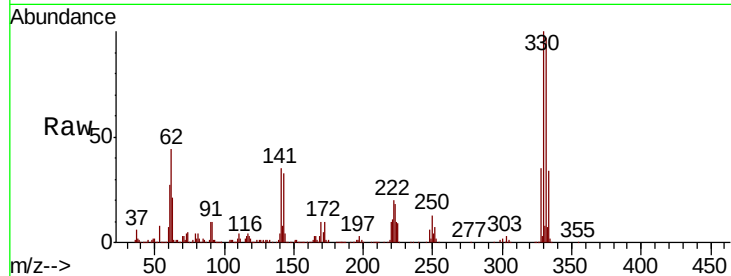
#42
2,4,6-Tribromophenol
Concen: 153.278 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
B-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	79.1	118.7	
141	34.9	27.1	40.7	

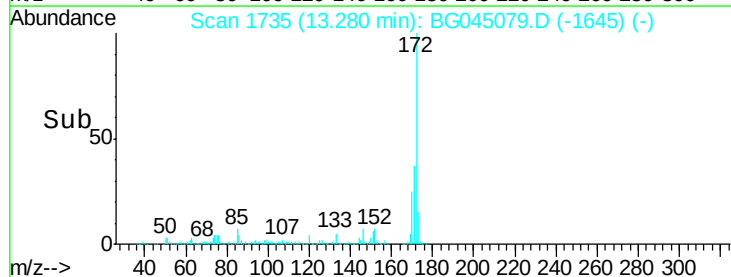
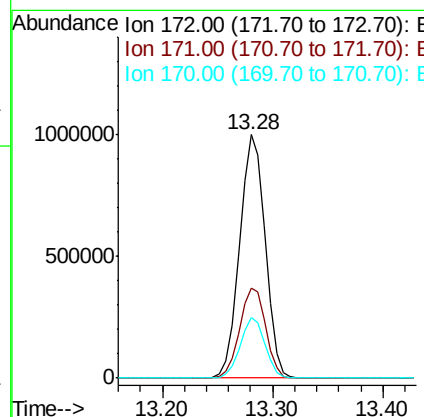
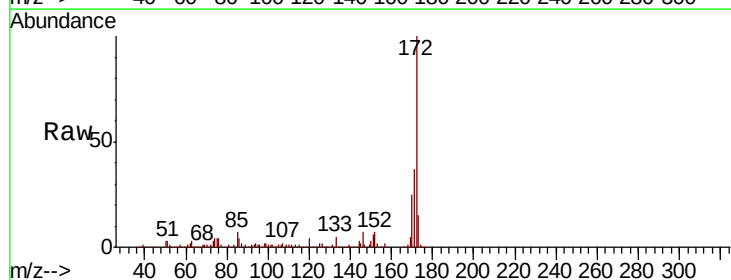
Manual Integrations
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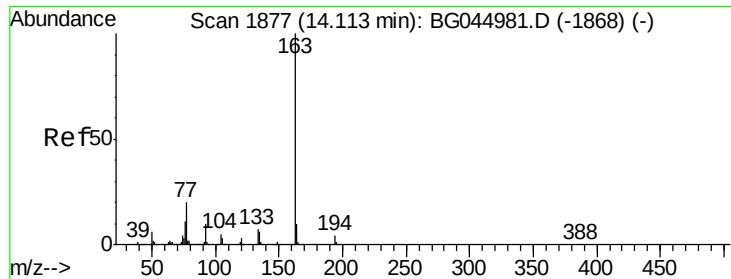
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#45
2-Fluorobiphenyl
Concen: 105.398 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.1	30.6	46.0	
170	25.0	20.5	30.7	





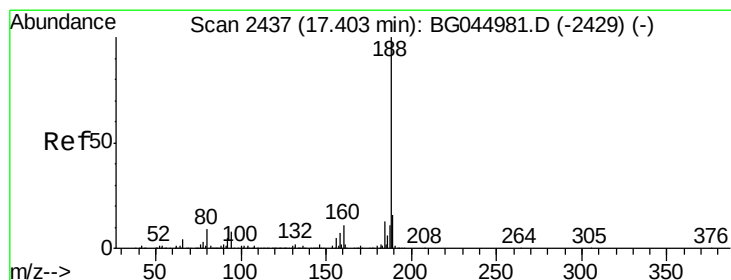
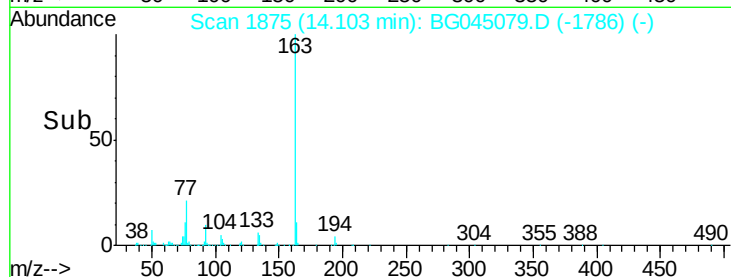
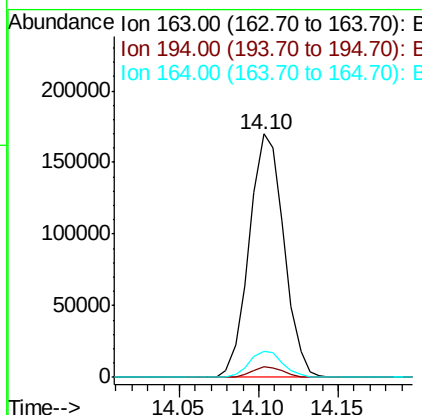
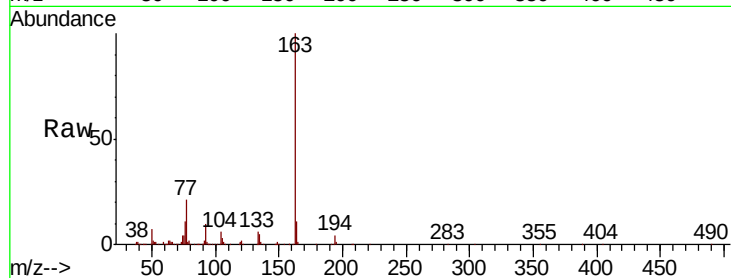
#50
Dimethylphthalate
Concen: 14.016 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
B-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	258560		
194	4.4		3.5	5.3
164	10.9		8.2	12.4

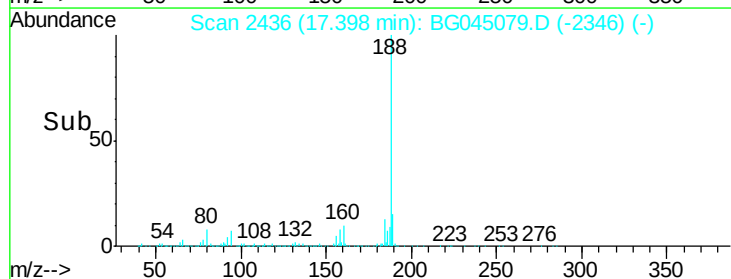
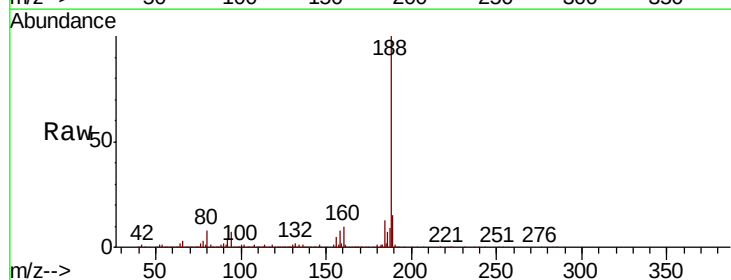
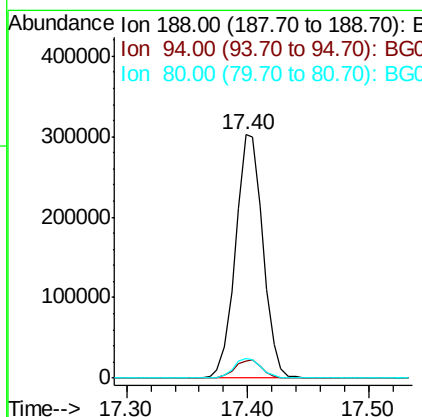
Manual Integrations
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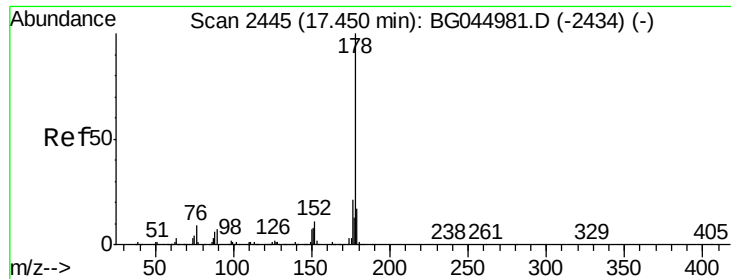
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	478167		
94	7.3		6.2	9.4
80	8.2		7.0	10.6





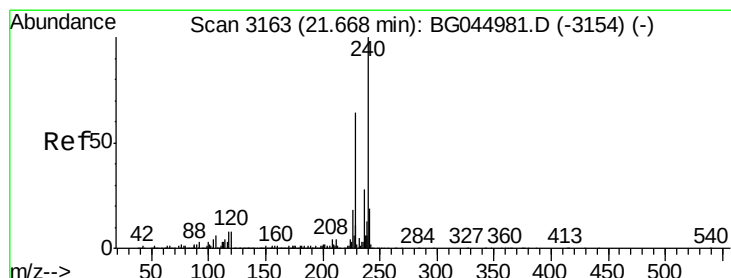
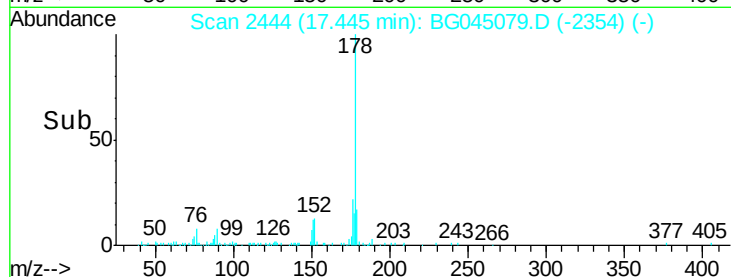
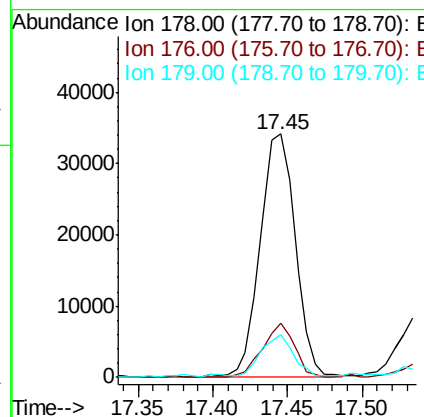
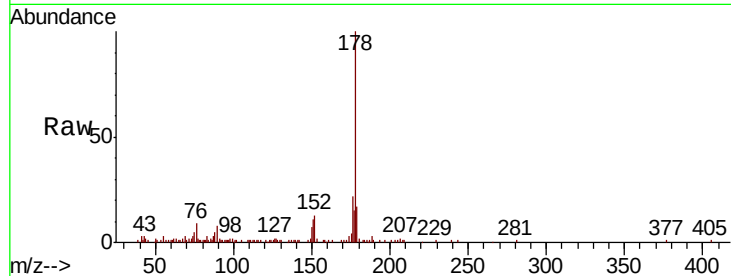
#71
Phenanthrene
Concen: 2.265 ng
RT: 17.45 min Scan# 2444
Delta R.T. -0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
B-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.0	16.8	25.2
179	17.4	13.2	19.8

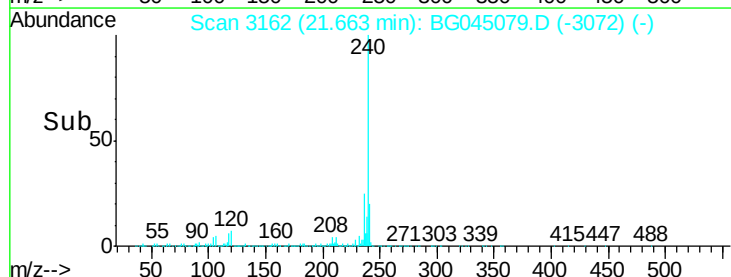
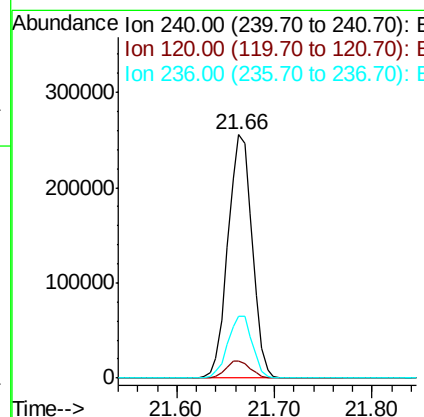
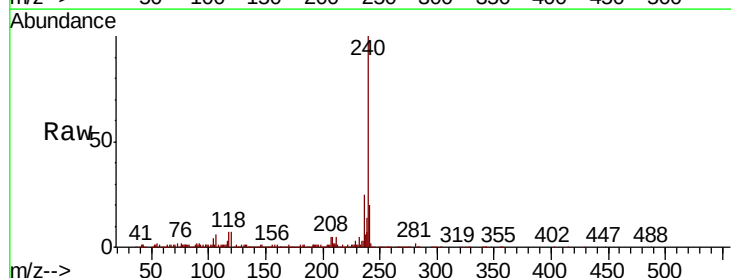
Manual Integrations
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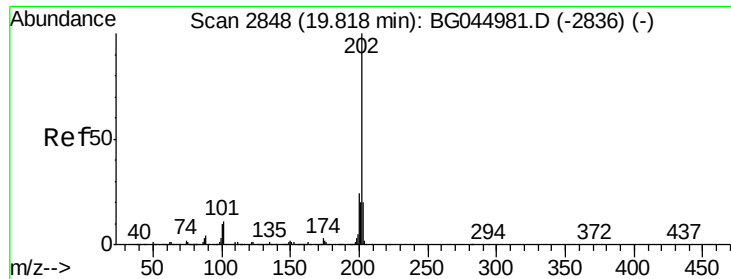
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.6	10.0
236	25.3	22.2	33.2





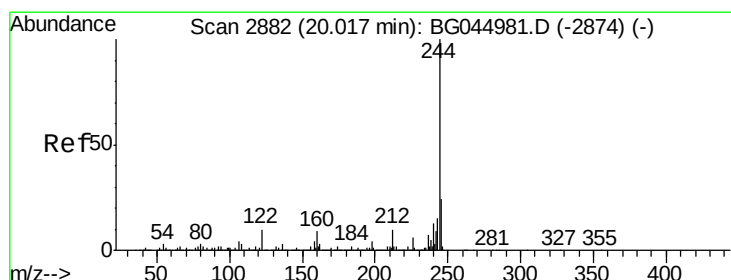
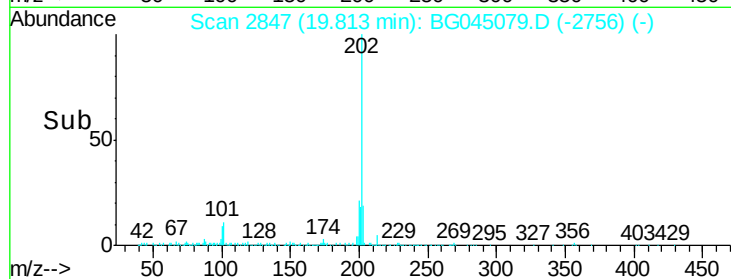
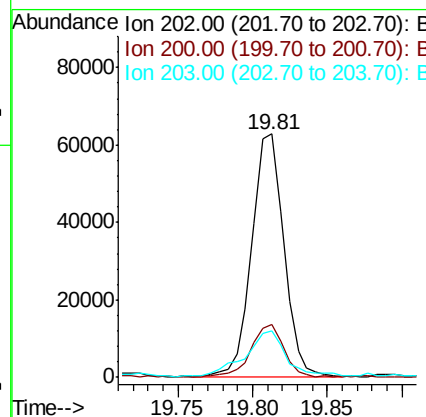
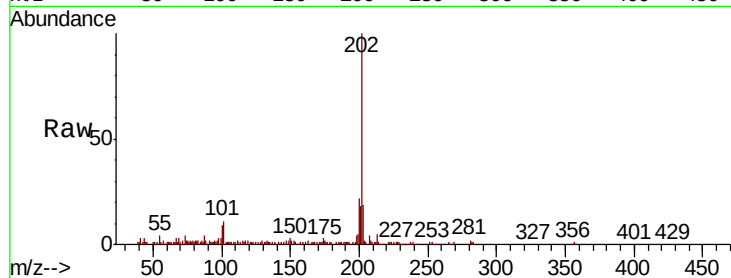
#78
Pvrene
Concen: 3.116 ng
RT: 19.81 min Scan# 2847
Delta R.T. 0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
B-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	19.0	28.6
203	19.0	16.1	24.1

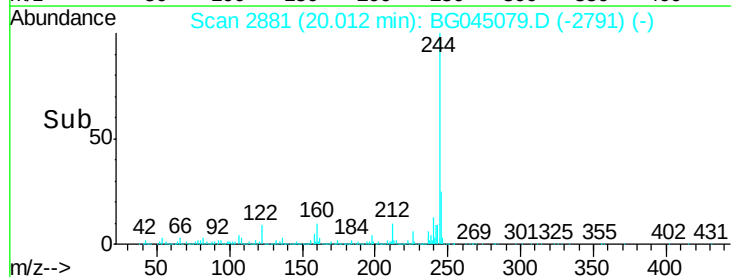
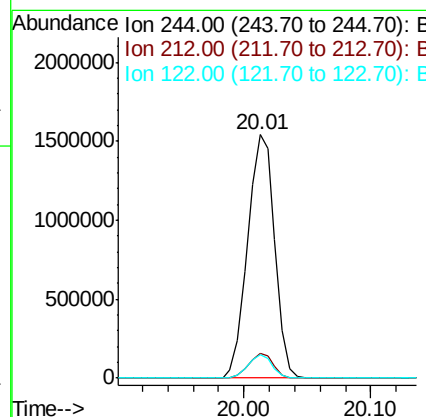
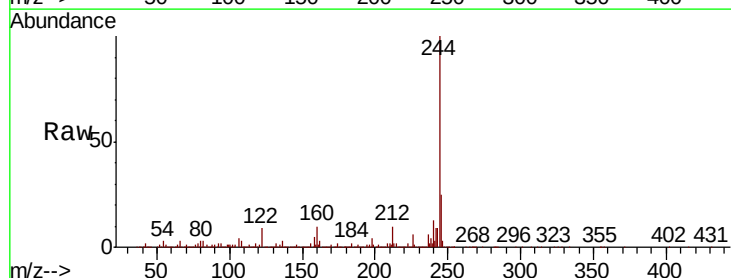
Manual Integrations
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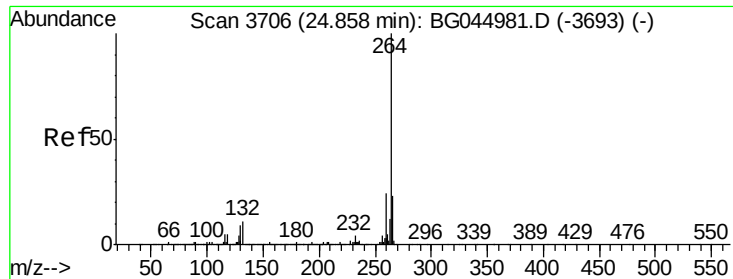
mohammad
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#79
Terphenyl-d14
Concen: 113.050 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.9	11.9
122	9.5	7.7	11.5





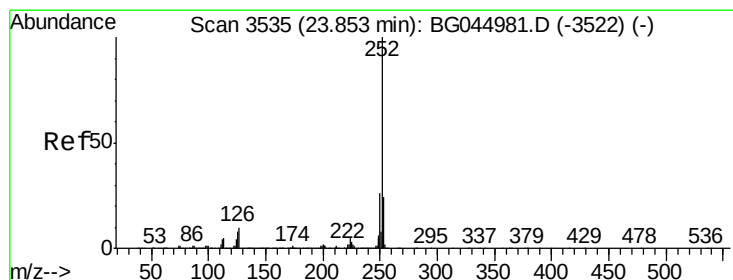
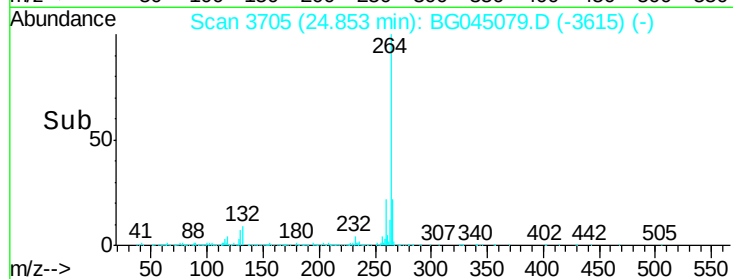
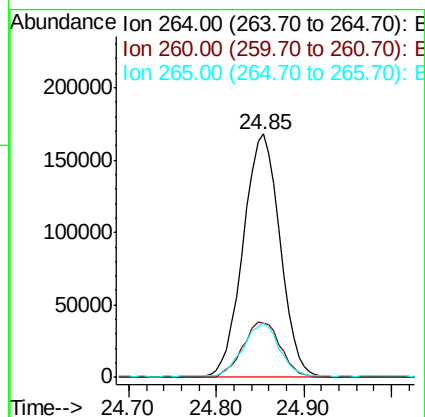
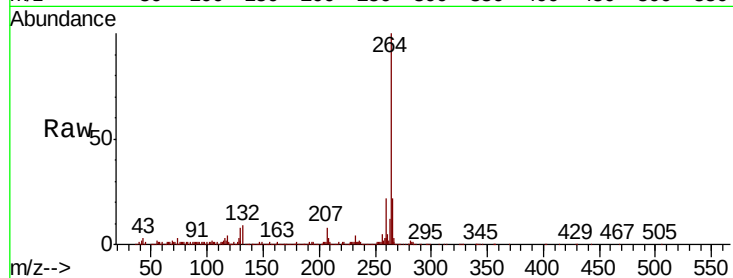
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Instrument :
BNA_G
ClientSampleId :
B-2

Tot Ion:	264	Resp:	479611
Ion Ratio	Lower	Upper	
264	100		
260	22.3	19.2	28.8
265	22.2	19.0	28.4

Manual Integrations
APPROVED

mohammad
4/21/2020 8:21:29 AM



#88
Benzo(b)fluoranthene
Concen: 2.383 ng m
RT: 23.85 min Scan# 3534
Delta R.T. -0.00 min
Lab File: BG045079.D
Acq: 18 Apr 2020 23:00

Tgt Ion:	252	Resp:	71586
Ion Ratio	Lower	Upper	
252	100		
253	25.7	18.8	28.2
125	7.3	6.2	9.4

