

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044220.D
 Acq On : 27 Jan 2020 18:09
 Operator : CG/JU
 Sample : L1245-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200065-AMENDED-COMP-3

Manual Integrations
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Quant Time: Jan 28 01:17:41 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	7.93	152	85532	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	386388	20.00	ng	-0.04
39) Acenaphthene-d10	14.56	164	258338	20.00	ng	-0.04
64) Phenanthrene-d10	17.31	188	502534	20.00	ng	-0.03
76) Chrysene-d12	21.55	240	444982	20.00	ng	-0.04
87) Perylene-d12	24.66	264	499866	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	300404	64.49	ng	-0.03
7) Phenol-d6	7.10	99	247900	38.07	ng	-0.02
23) Nitrobenzene-d5	9.09	82	592005	81.96	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	382492	141.48	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1389354	97.44	ng	-0.04
79) Terphenyl-d14	19.93	244	1783615	101.55	ng	-0.03
Target Compounds						
10) Phenol	7.12	94	19758	2.945	ng	92
20) 3+4-Methylphenols	8.70	107	90138	13.309	ng	92
32) Benzoic acid	10.05	122	3997m	7.100	ng	
50) Dimethylphthalate	14.02	163	94967	5.177	ng	97
52) Acenaphthene	14.63	154	31948	2.118	ng	97

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

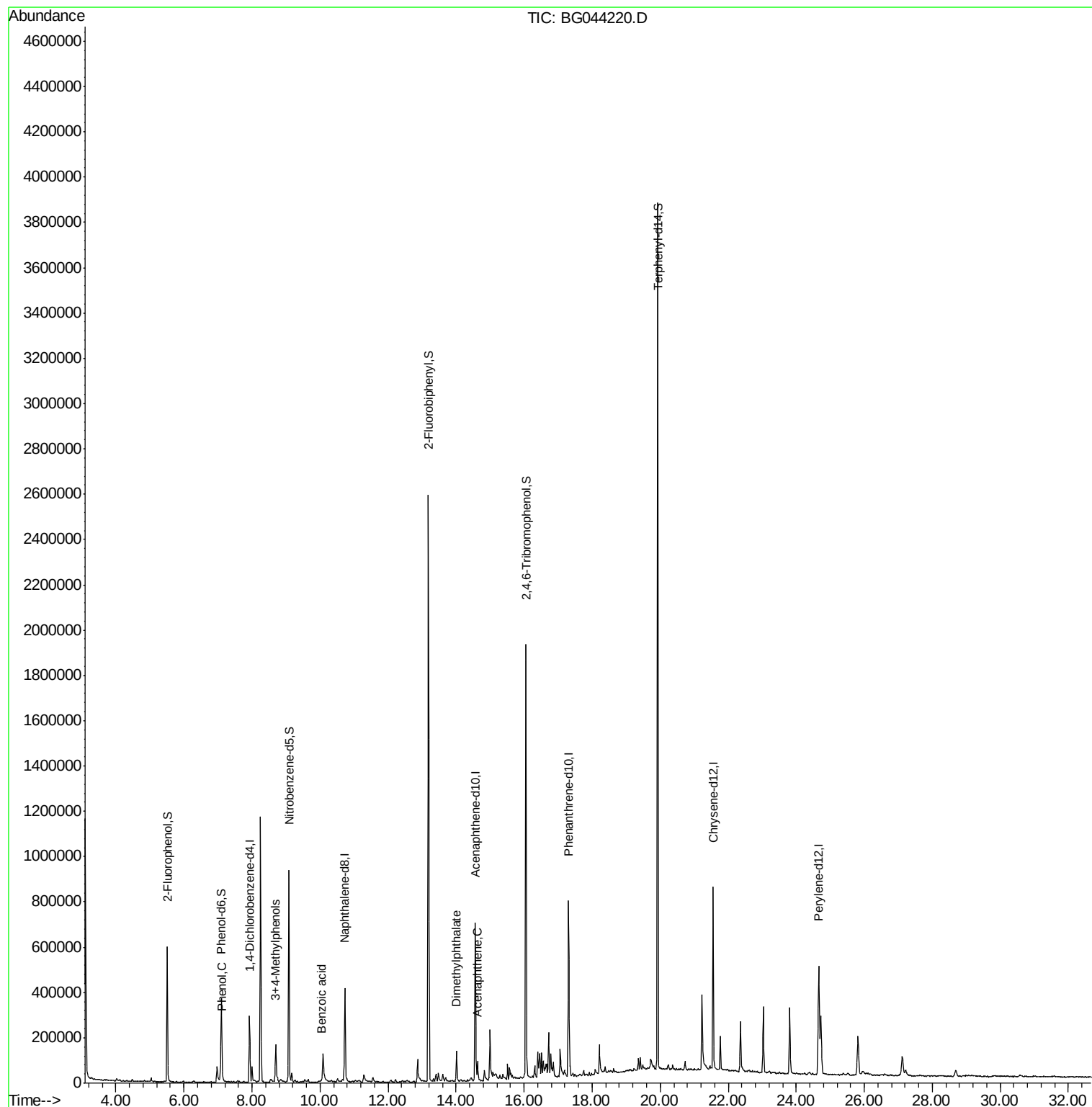
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044220.D
Acq On : 27 Jan 2020 18:09
Operator : CG/JU
Sample : L1245-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

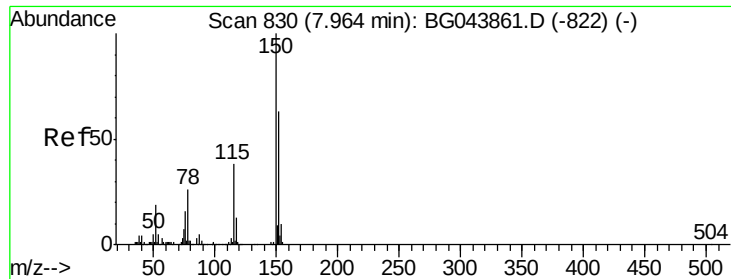
Instrument :
BNA_G
ClientSampleId :
20200065-AMENDED-COMP-3

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Quant Time: Jan 28 01:17:41 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

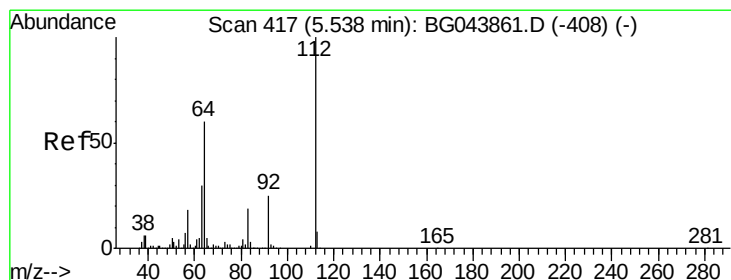
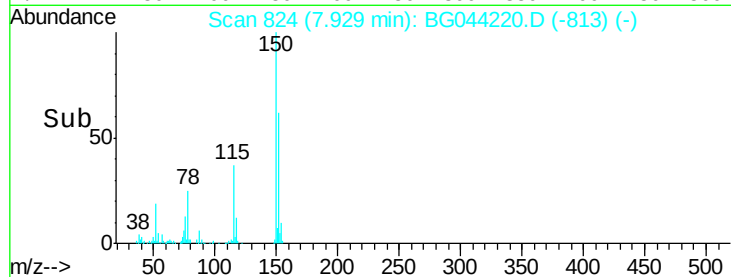
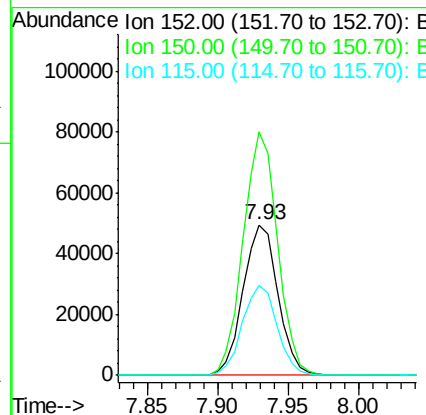
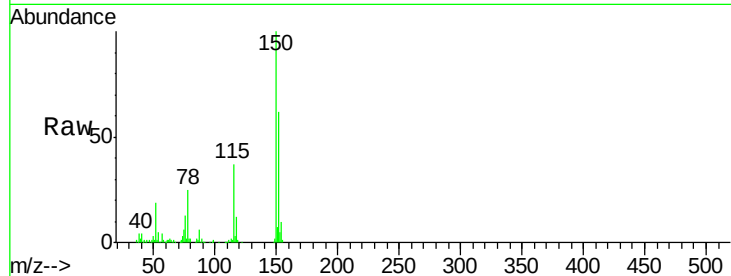
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044220.D
Acq: 27 Jan 2020 18:09

Instrument :
BNA_G
ClientSampleId :
20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	127.0	190.4
115	60.1	47.8	71.8

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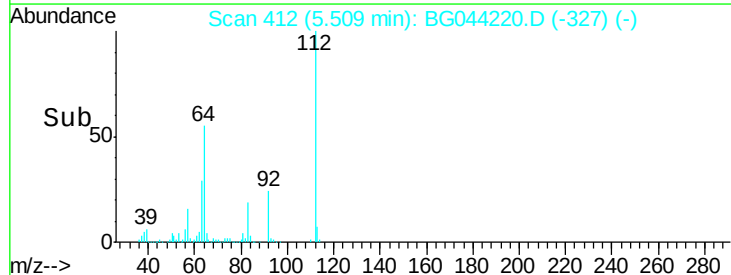
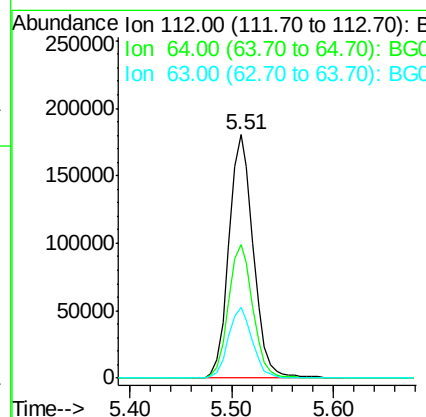
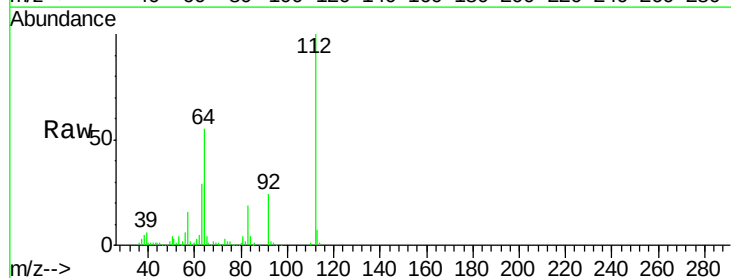
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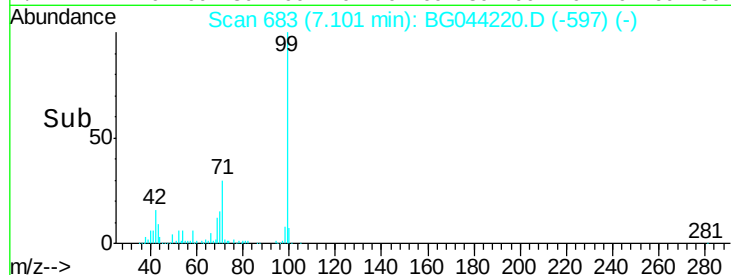
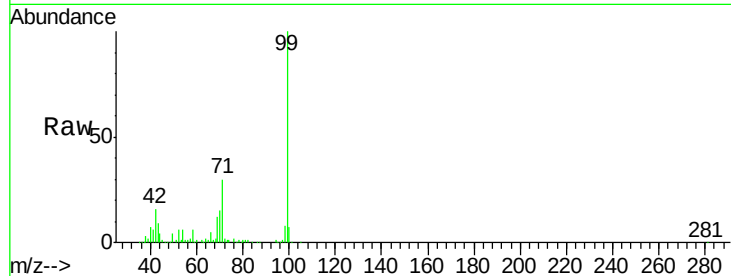
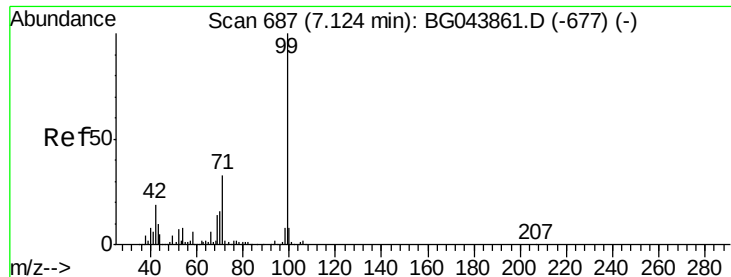


#5

2-Fluorophenol
Concen: 64.488 ng
RT: 5.51 min Scan# 412
Delta R.T. -0.03 min
Lab File: BG044220.D
Acq: 27 Jan 2020 18:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.8	71.6
63	29.1	24.3	36.5





#7

Phenol-d6

Concen: 38.071 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044220.D

Acq: 27 Jan 2020 18:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		247900		
42	16.4	14.9	22.3		
71	30.0	26.4	39.6		

Instrument :

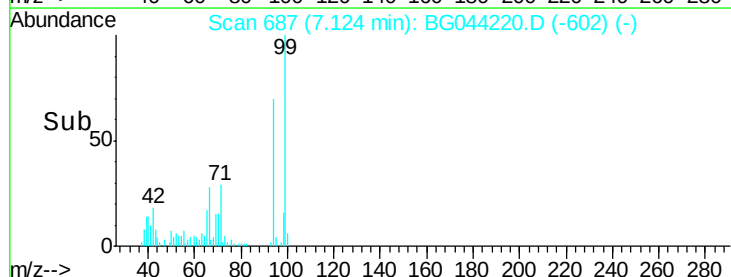
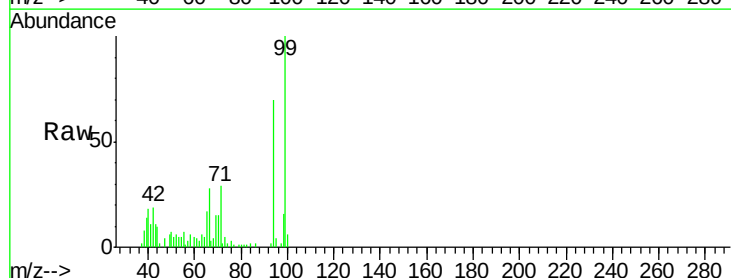
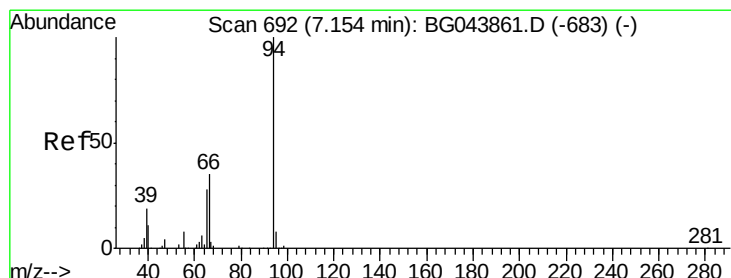
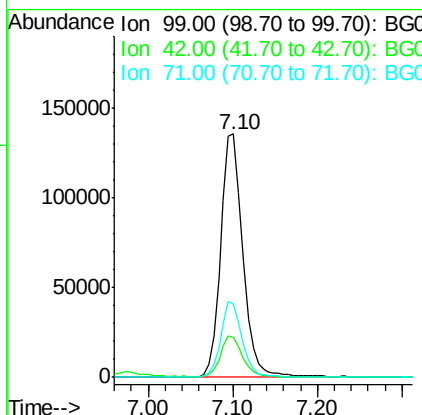
BNA_G

ClientSampleId :

20200065-AMENDED-COMP-3

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#10

Phenol

Concen: 2.945 ng

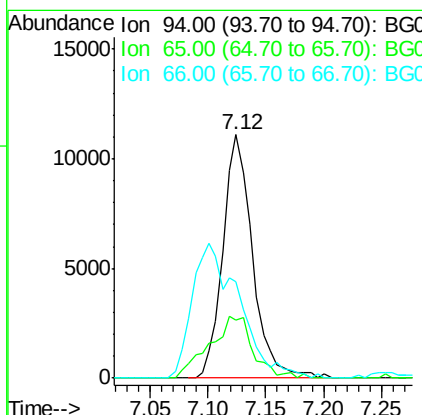
RT: 7.12 min Scan# 687

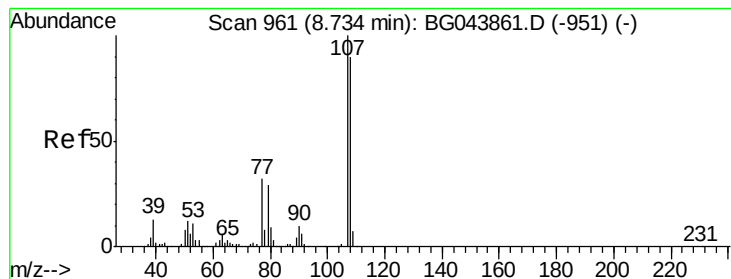
Delta R.T. -0.03 min

Lab File: BG044220.D

Acq: 27 Jan 2020 18:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		19758		
65	23.8	8.1	48.1		
66	39.6	15.6	55.6		





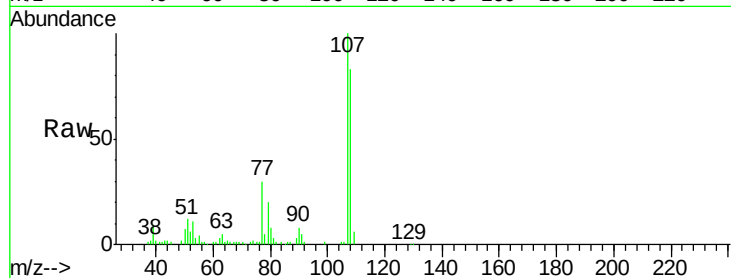
#20
3+4-Methylphenols
Concen: 13.309 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.04 min
Lab File: BG044220.D
Acq: 27 Jan 2020 18:09

Instrument :
BNA_G
ClientSampleId :
20200065-AMENDED-COMP-3

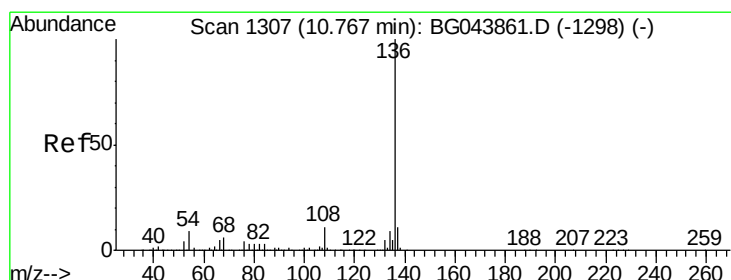
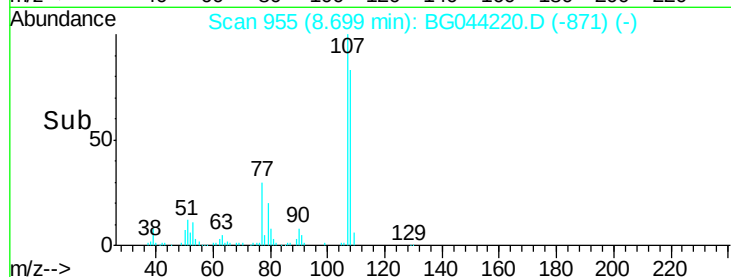
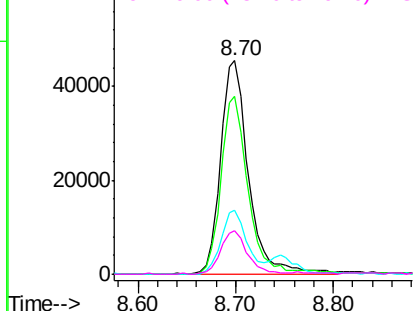
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	90138		
108	108	83.3		70.3	110.3
77	77	30.0		12.4	52.4
79	79	20.4		8.6	48.6

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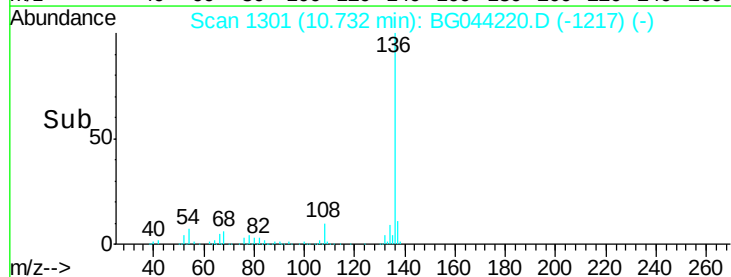
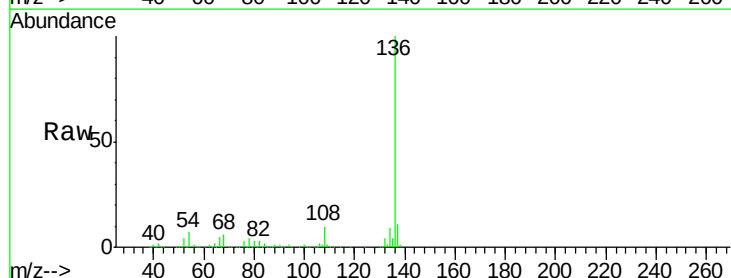
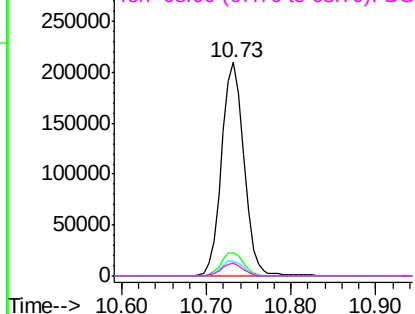
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

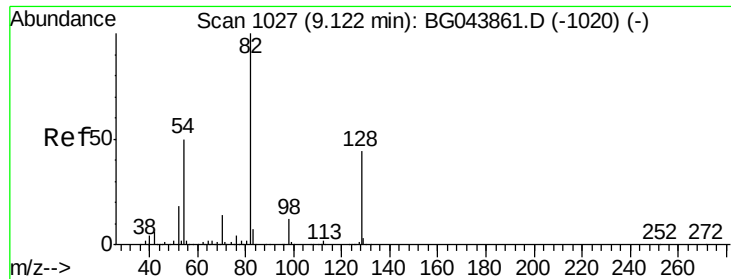


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044220.D
Acq: 27 Jan 2020 18:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	386388		
137	137	10.8		8.8	13.2
54	54	6.8		7.0	10.4
68	68	5.8		4.9	7.3

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





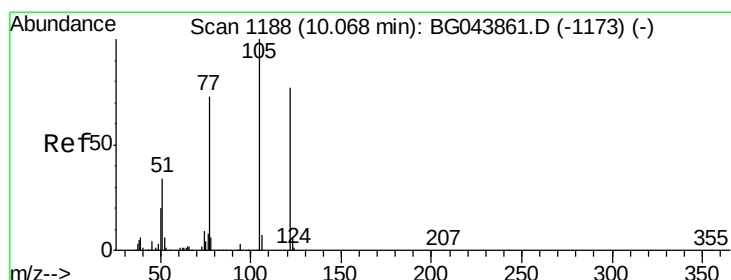
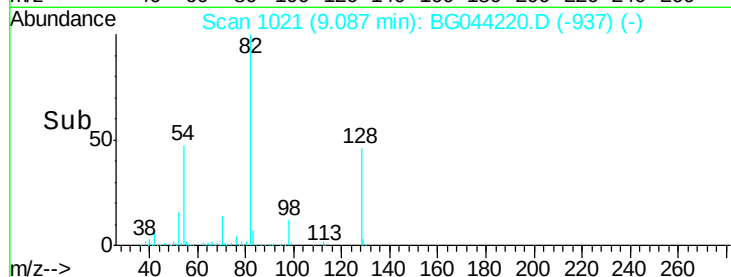
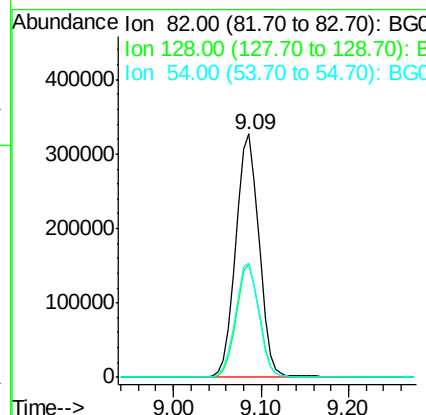
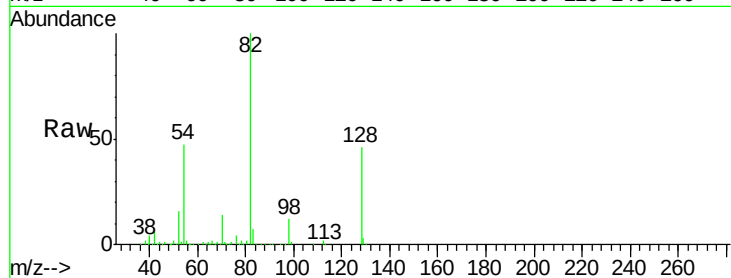
#23
Nitrobenzene-d5
Concen: 81.964 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044220.D
Acq: 27 Jan 2020 18:09

Instrument :
BNA_G
ClientSampleId :
20200065-AMENDED-COMP-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100	592005		
128	46.2		35.1	52.7
54	47.1		40.1	60.1

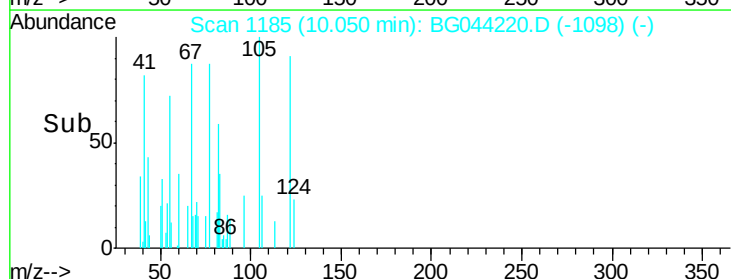
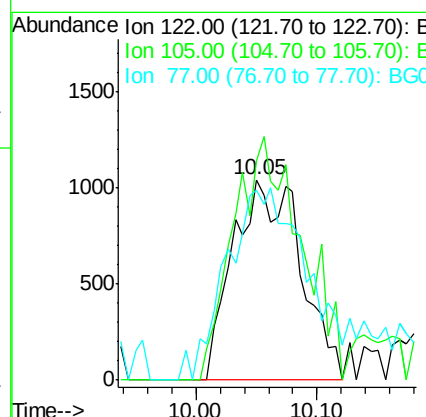
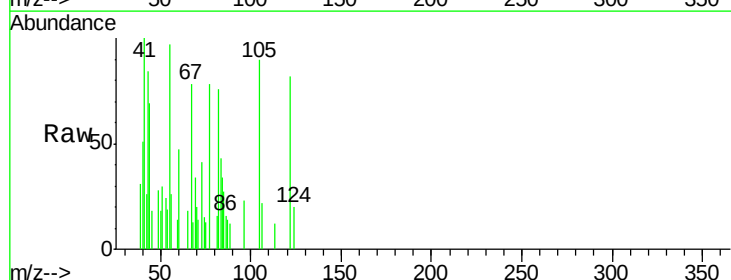
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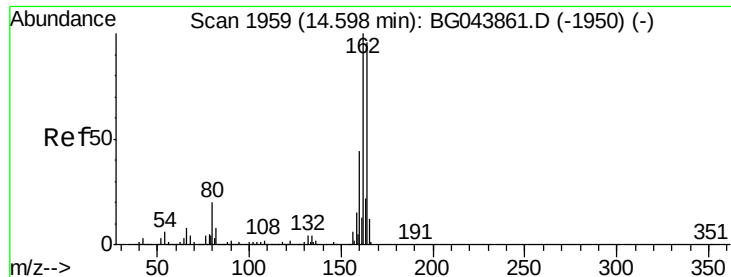
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#32
Benzoic acid
Concen: 7.100 ng m
RT: 10.05 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BG044220.D
Acq: 27 Jan 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	3997		
105	109.5		106.4	146.4
77	94.9		74.6	114.6





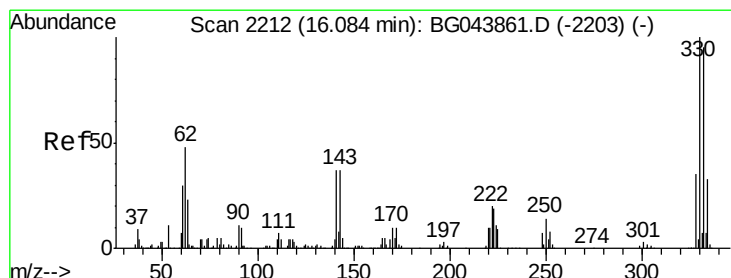
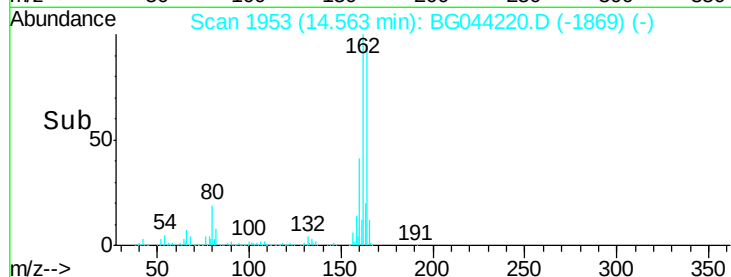
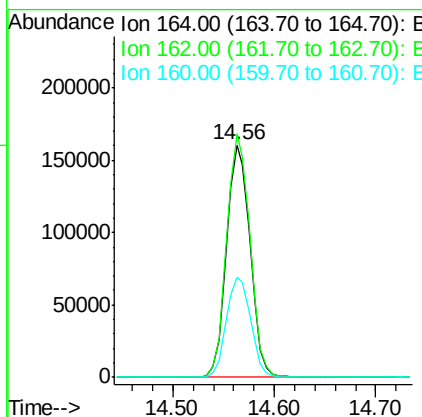
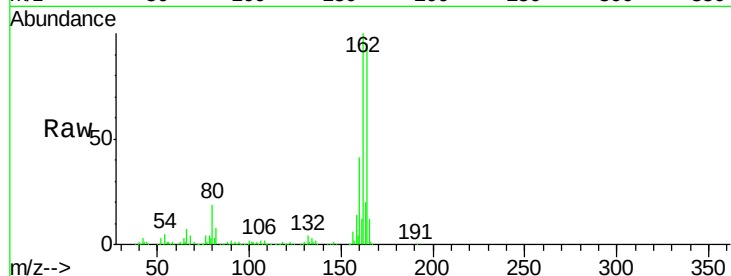
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.04 min
 Lab File: BG044220.D
 Acq: 27 Jan 2020 18:09

Instrument :
 BNA_G
 ClientSampleId :
 20200065-AMENDED-COMP-3

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.7	83.0	124.4	
160	43.3	36.1	54.1	

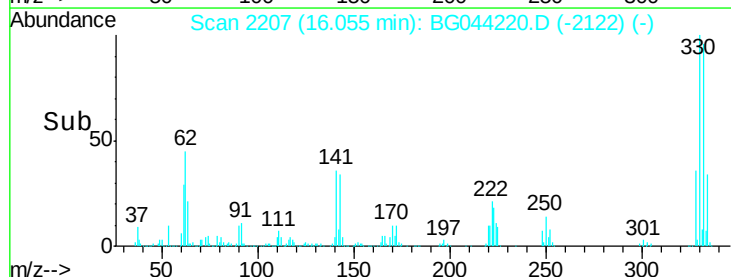
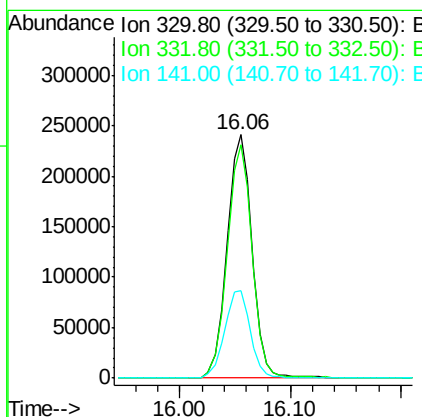
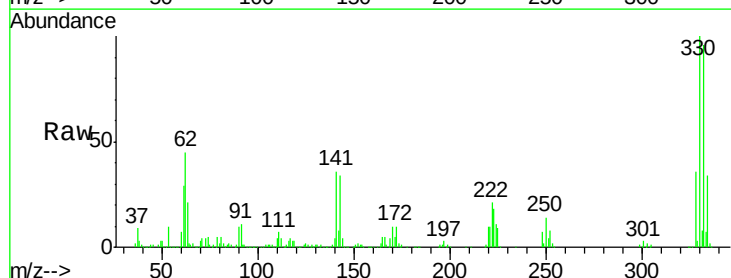
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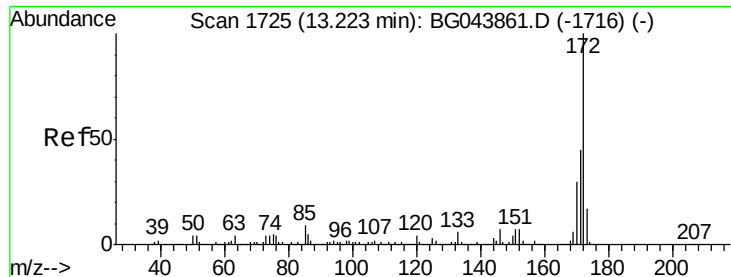
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#42
 2,4,6-Tribromophenol
 Concen: 141.483 ng
 RT: 16.06 min Scan# 2207
 Delta R.T. -0.03 min
 Lab File: BG044220.D
 Acq: 27 Jan 2020 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	77.2	115.8	
141	37.0	33.1	49.7	





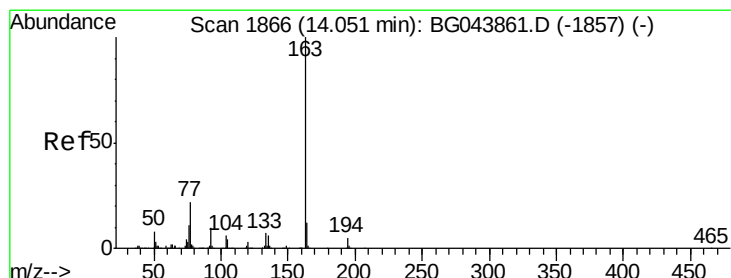
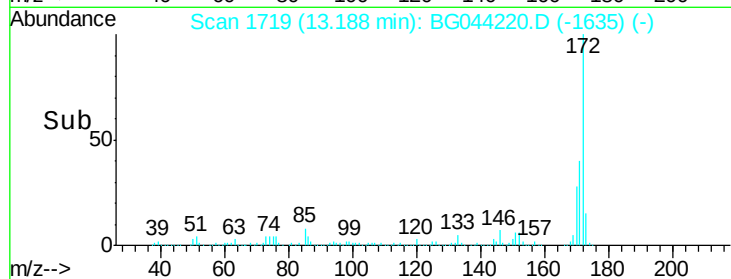
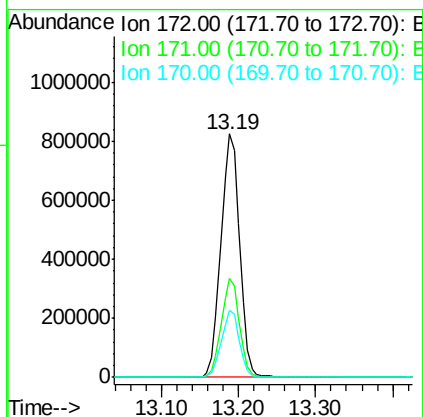
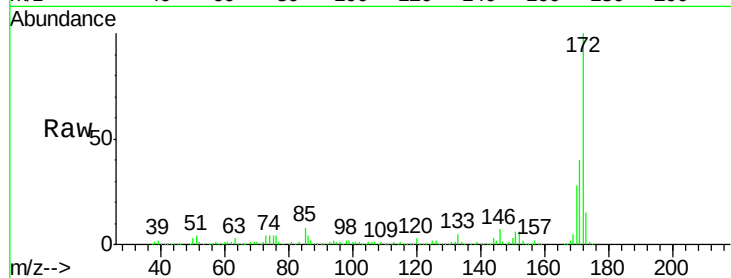
#45
2-Fluorobiphenyl
Concen: 97.438 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044220.D
Acq: 27 Jan 2020 18:09

Instrument :
BNA_G
ClientSampleId :
20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.4	35.8	53.8
170	27.7	24.2	36.4

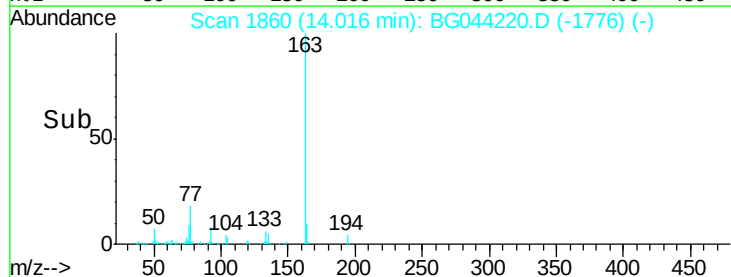
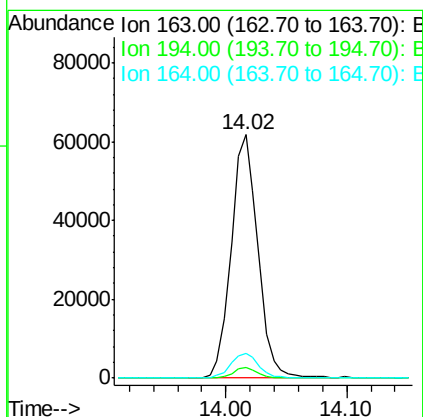
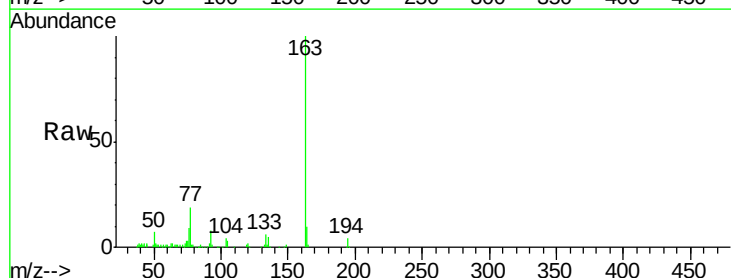
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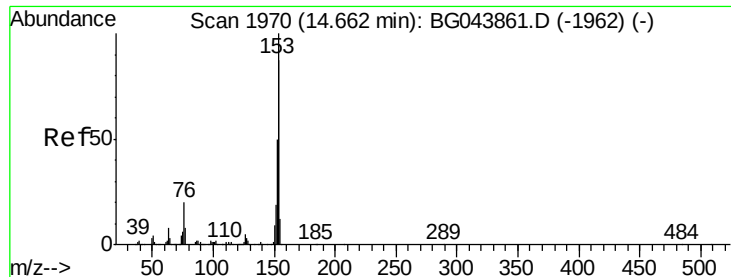
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#50
Dimethylphthalate
Concen: 5.177 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BG044220.D
Acq: 27 Jan 2020 18:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	10.0	9.3	13.9





#52

Acenaphthene

Concen: 2.118 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.04 min

Lab File: BG044220.D

Acq: 27 Jan 2020 18:09

Instrument :

BNA_G

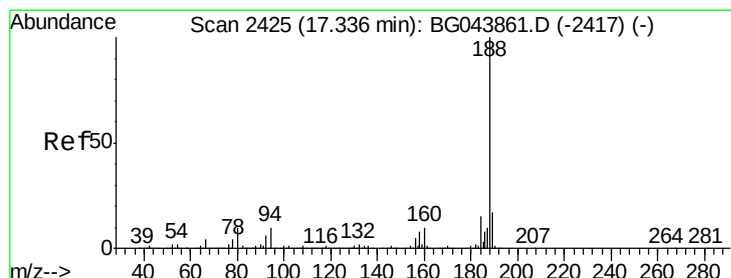
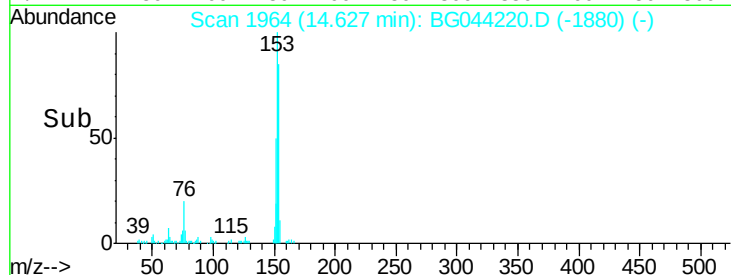
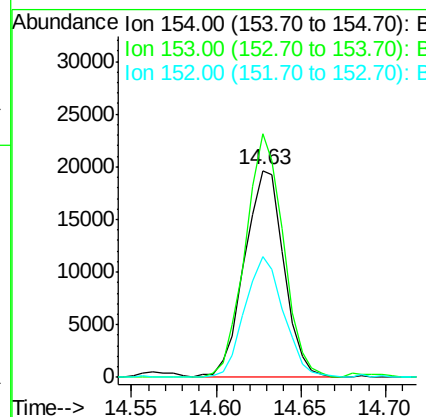
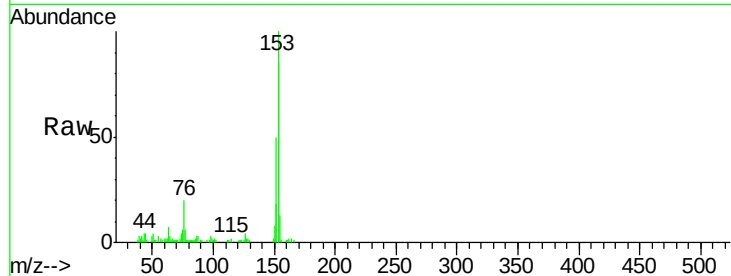
ClientSampleId :

20200065-AMENDED-COMP-3

Tot Ion:	154	Resp:	31948
Ion	Ratio	Lower	Upper
154	100		
153	117.9	91.6	137.4
152	58.6	45.4	68.0

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

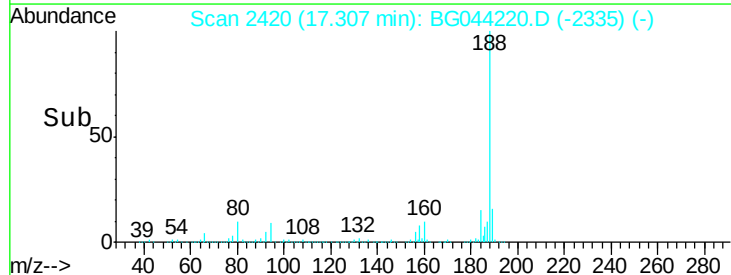
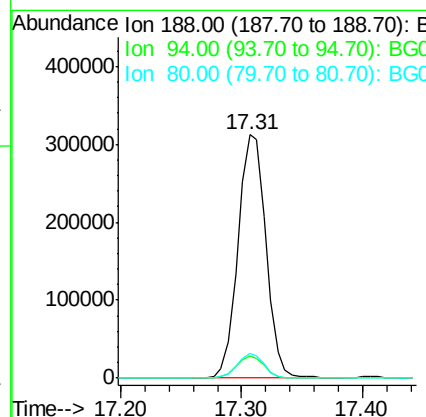
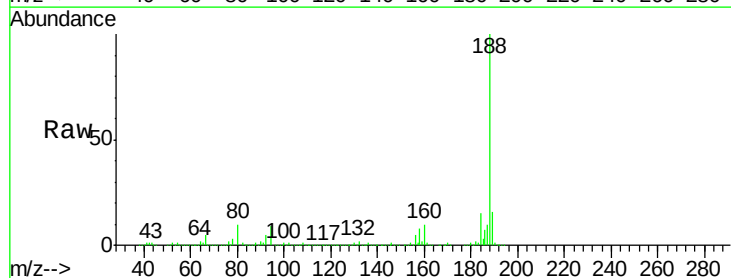
RT: 17.31 min Scan# 2420

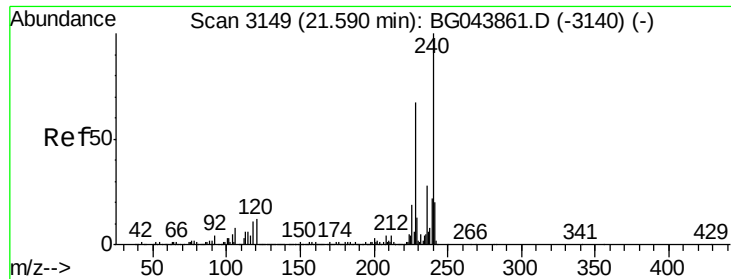
Delta R.T. -0.03 min

Lab File: BG044220.D

Acq: 27 Jan 2020 18:09

Tgt Ion:	188	Resp:	502534
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	10.0	8.2	12.4





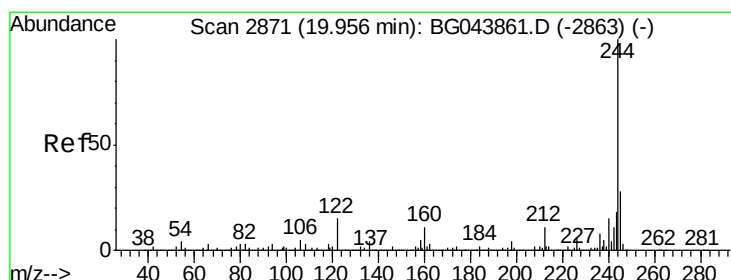
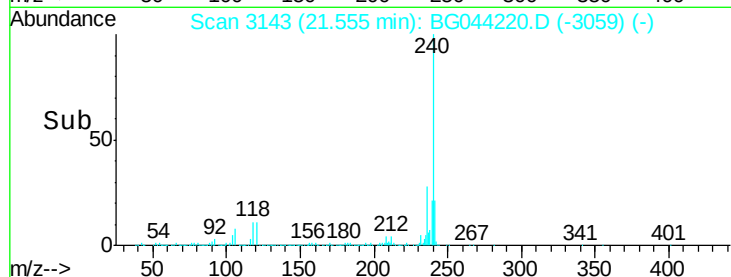
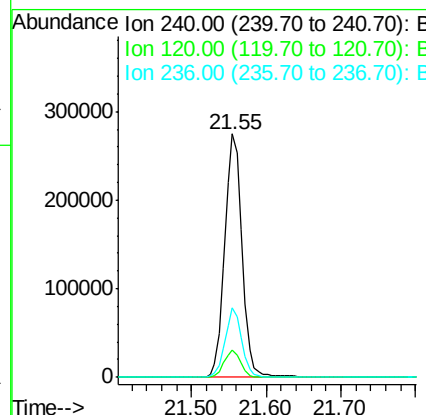
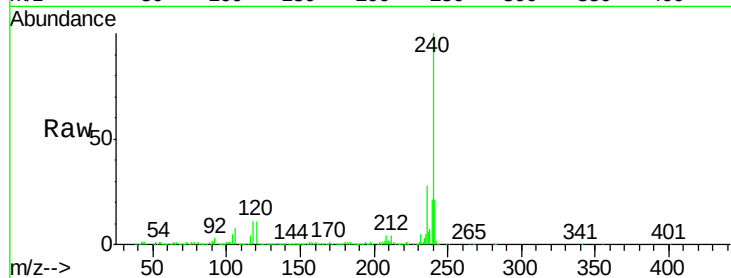
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. -0.04 min
 Lab File: BG044220.D
 Acq: 27 Jan 2020 18:09

Instrument :
 BNA_G
 ClientSampleId :
 20200065-AMENDED-COMP-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.6	14.4
236	28.4	22.2	33.2

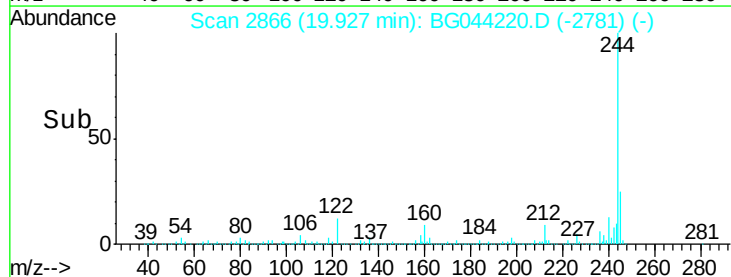
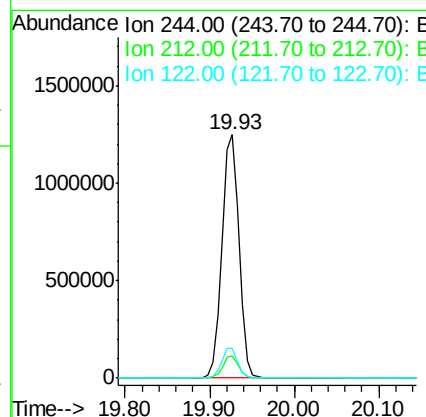
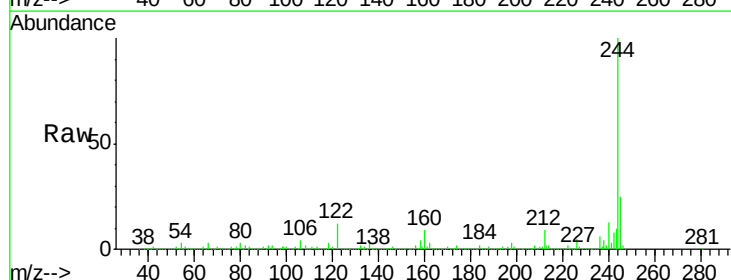
Manual Integrations
 APPROVED

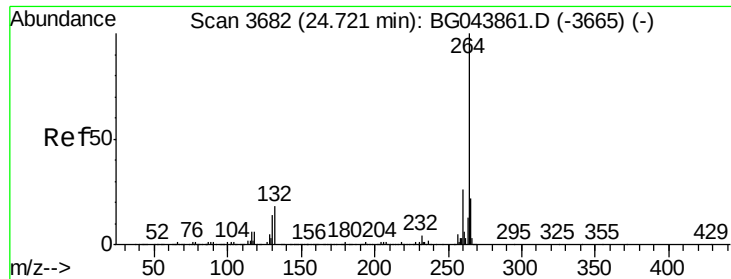
mohammad
 1/28/2020 1:12:39 PM



#79
 Terphenyl-d14
 Concen: 101.553 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BG044220.D
 Acq: 27 Jan 2020 18:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.2	8.6	13.0
122	12.2	11.9	17.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.66 min Scan# 3672

Delta R.T. -0.06 min

Lab File: BG044220.D

Acq: 27 Jan 2020 18:09

Instrument :

BNA_G

ClientSampleId :

20200065-AMENDED-COMP-3

Tot Ion:	264	Resp:	499866
Ion Ratio		Lower	Upper
264	100		
260	25.3	20.4	30.6
265	22.0	17.4	26.2

Manual Integrations
APPROVED

mohammad
1/28/2020 1:12:39 PM

