

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
 Data File : BG044221.D
 Acq On : 27 Jan 2020 18:49
 Operator : CG/JU
 Sample : L1245-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200066-AMENDED-COMP-4

Manual Integrations
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Quant Time: Jan 28 01:21:50 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	90043	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	397556	20.00	ng	-0.03
39) Acenaphthene-d10	14.56	164	260568	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	507672	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	455928	20.00	ng	-0.03
87) Perylene-d12	24.66	264	518132	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	290057	59.15	ng	-0.03
7) Phenol-d6	7.10	99	237722	34.68	ng	-0.02
23) Nitrobenzene-d5	9.08	82	608245	81.85	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	383510	140.65	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1415543	98.42	ng	-0.03
79) Terphenyl-d14	19.93	244	1811904	100.33	ng	-0.03
Target Compounds						
10) Phenol	7.13	94	15847	2.244	ng	99
32) Benzoic acid	10.07	122	2923m	6.857	ng	
52) Acenaphthene	14.63	154	95142	6.252	ng	95
58) Fluorene	15.62	166	55737	3.357	ng	97
71) Phenanthrene	17.35	178	113087	4.644	ng	94

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

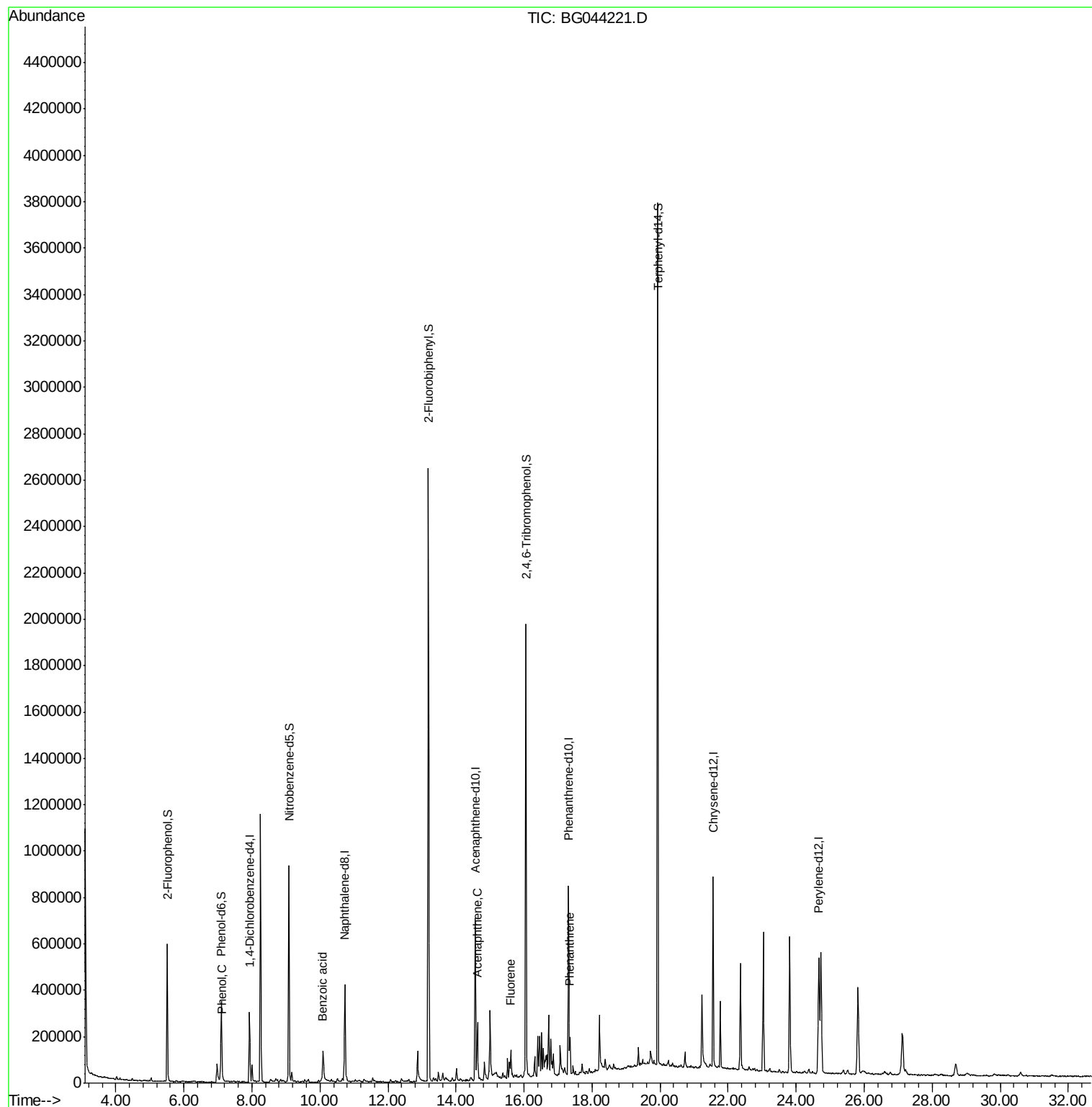
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012720\
Data File : BG044221.D
Acq On : 27 Jan 2020 18:49
Operator : CG/JU
Sample : L1245-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

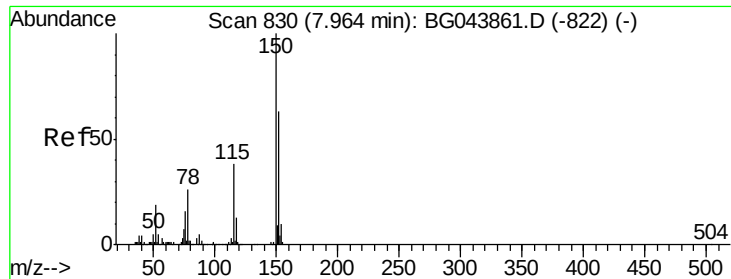
Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

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Quant Time: Jan 28 01:21:50 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





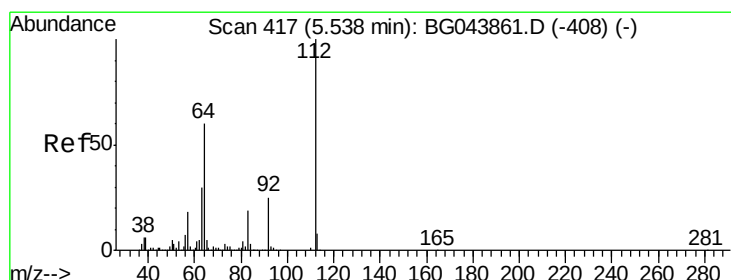
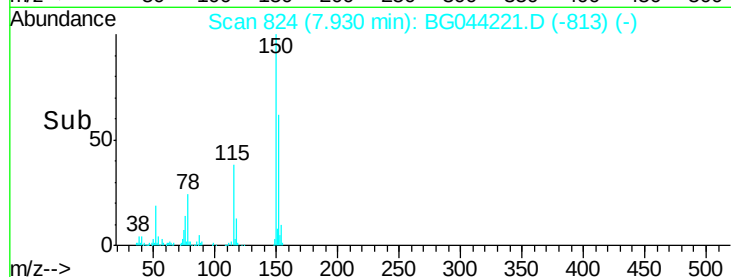
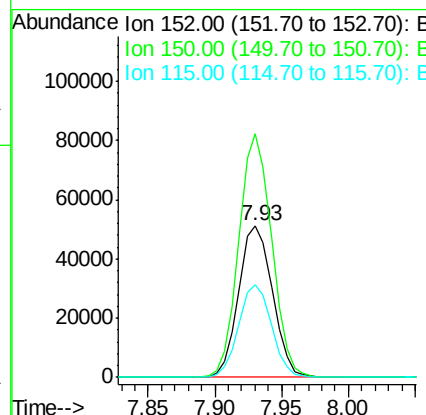
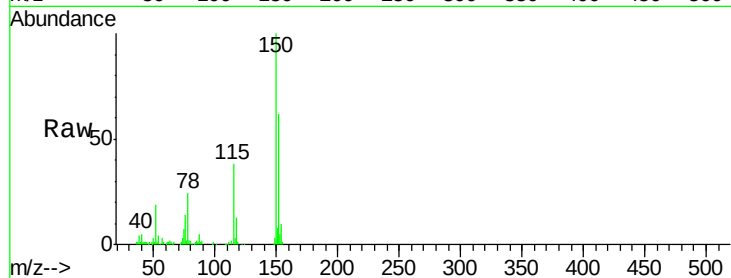
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG044221.D
 Acq: 27 Jan 2020 18:49

Instrument :
 BNA_G
 ClientSampleId :
 20200066-AMENDED-COMP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	127.0	190.4
115	60.7	47.8	71.8

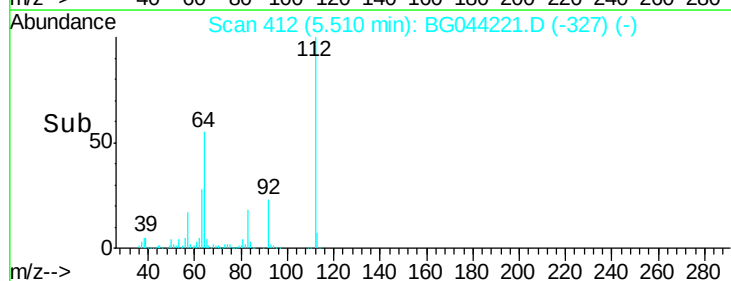
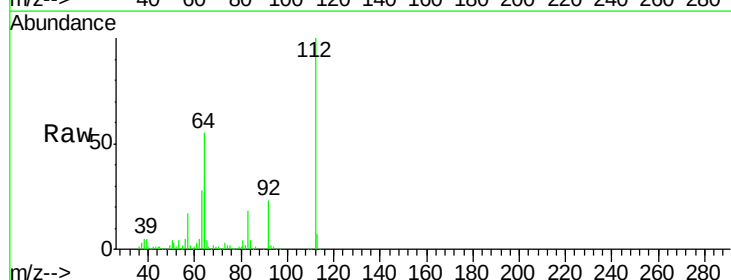
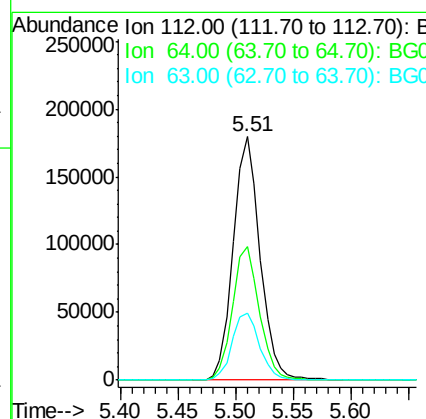
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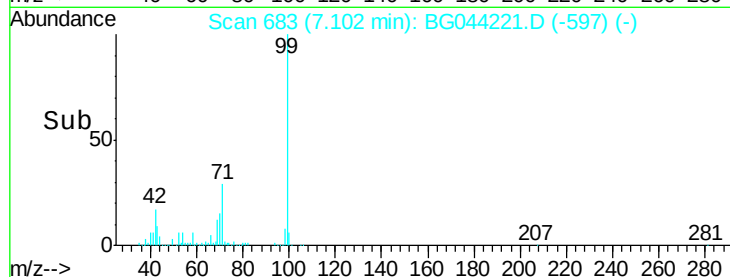
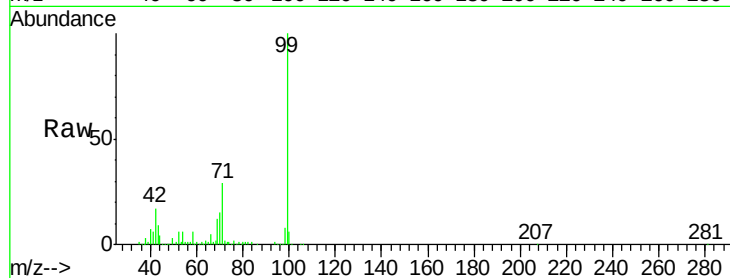
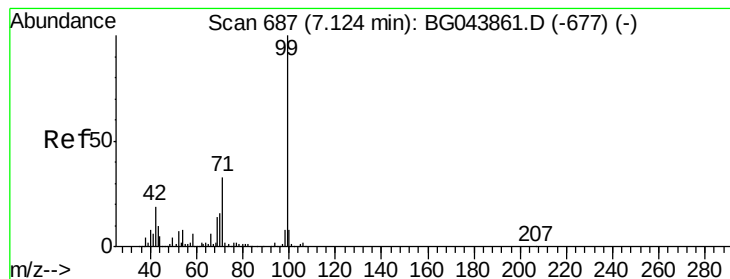
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#5
 2-Fluorophenol
 Concen: 59.147 ng
 RT: 5.51 min Scan# 412
 Delta R.T. -0.03 min
 Lab File: BG044221.D
 Acq: 27 Jan 2020 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	47.8	71.6
63	27.7	24.3	36.5





#7

Phenol-d6

Concen: 34.679 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044221.D

Acq: 27 Jan 2020 18:49

Tot Ion:	99	Resp:	237722
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.9	22.3
71	29.2	26.4	39.6

Instrument :

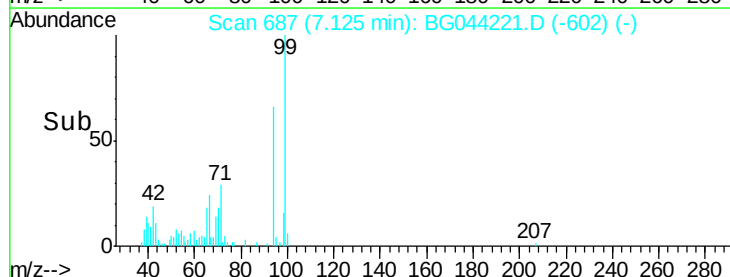
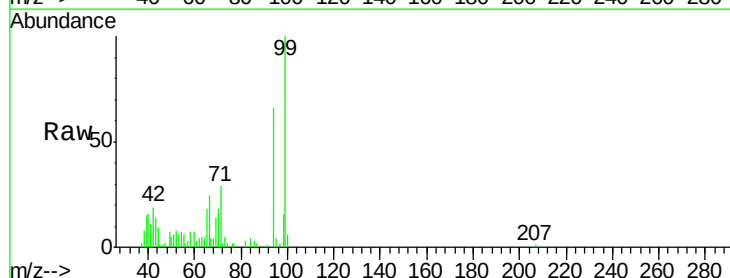
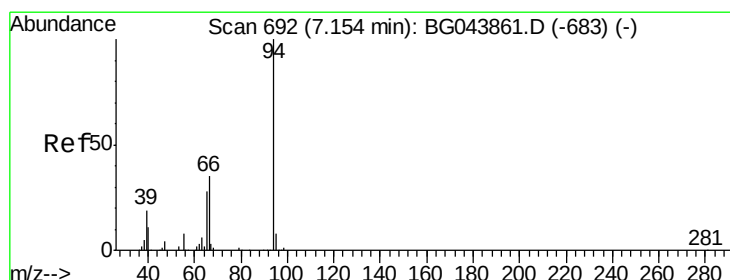
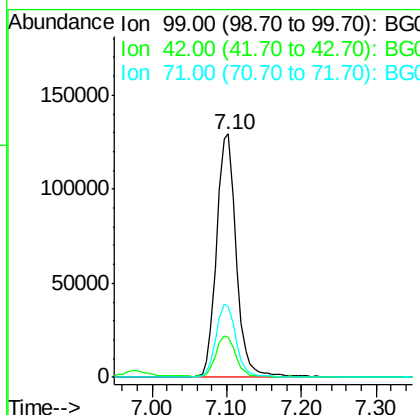
BNA_G

ClientSampleId :

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#10

Phenol

Concen: 2.244 ng

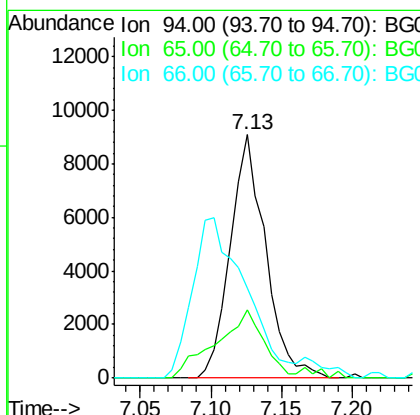
RT: 7.13 min Scan# 687

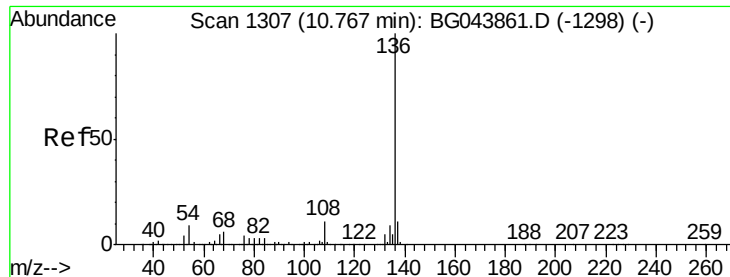
Delta R.T. -0.03 min

Lab File: BG044221.D

Acq: 27 Jan 2020 18:49

Tgt Ion:	94	Resp:	15847
Ion Ratio	Lower	Upper	
94	100		
65	27.9	8.1	48.1
66	36.9	15.6	55.6





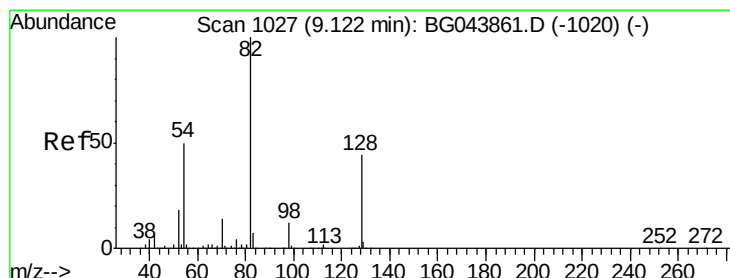
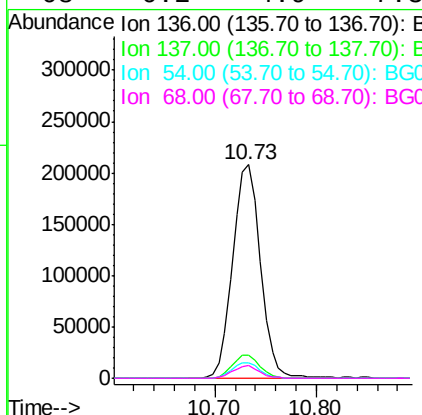
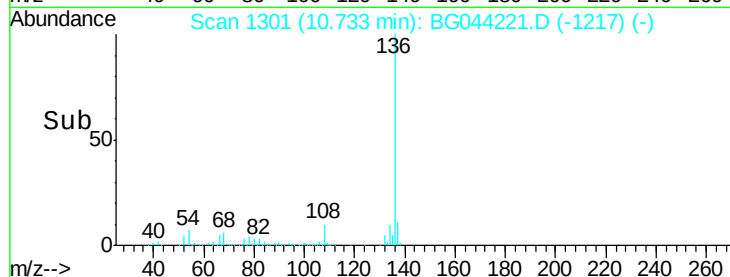
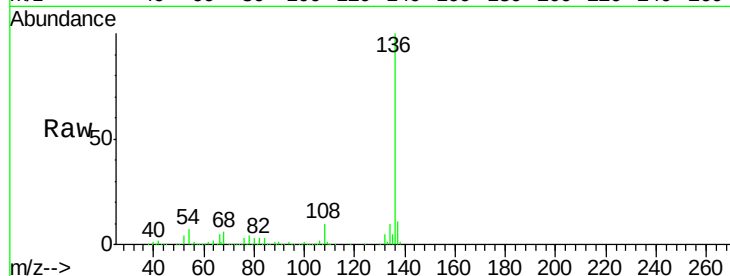
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0	8.8	13.2		
54	7.4	7.0	10.4		
68	6.2	4.9	7.3		

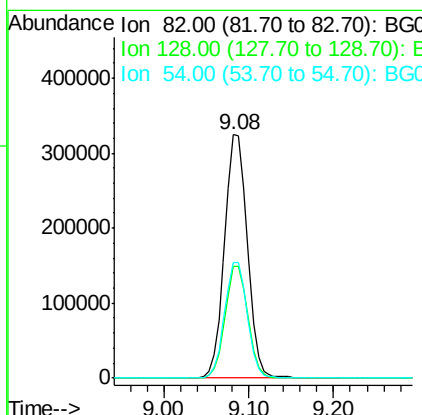
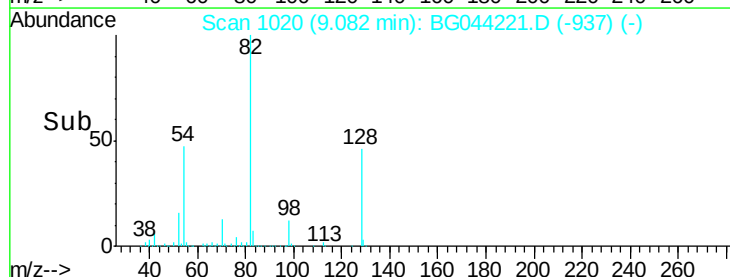
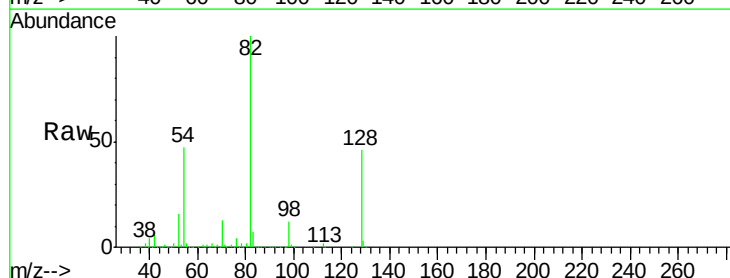
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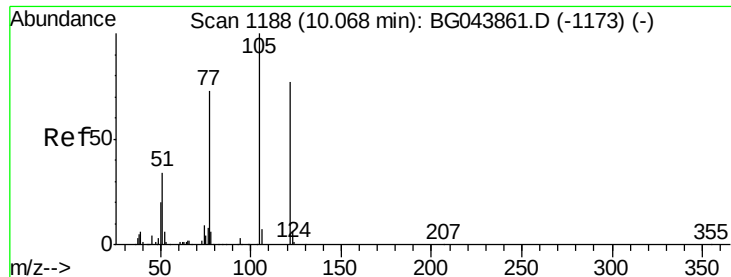
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#23
Nitrobenzene-d5
Concen: 81.847 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.04 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	45.7	35.1	52.7		
54	47.4	40.1	60.1		





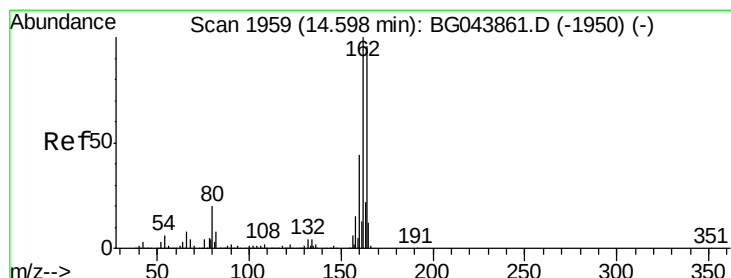
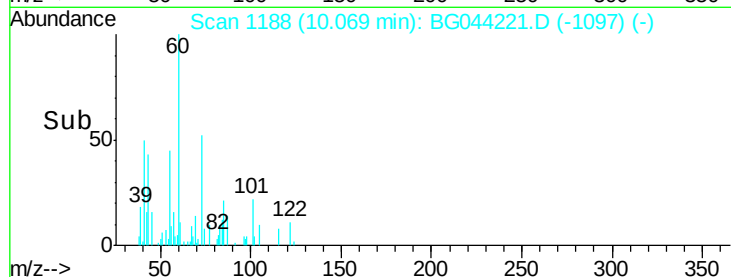
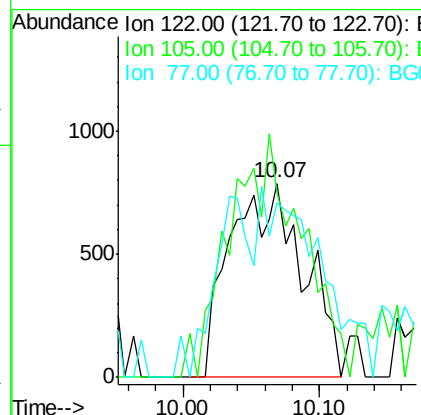
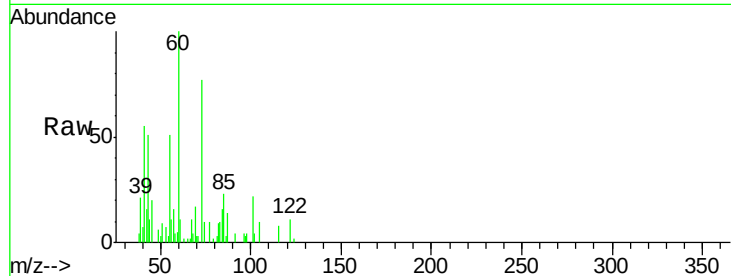
#32
Benzoic acid
Concen: 6.857 ng m
RT: 10.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tot Ion	Ratio	Lower	Upper
122	100		
105	95.1	106.4	146.4#
77	90.1	74.6	114.6

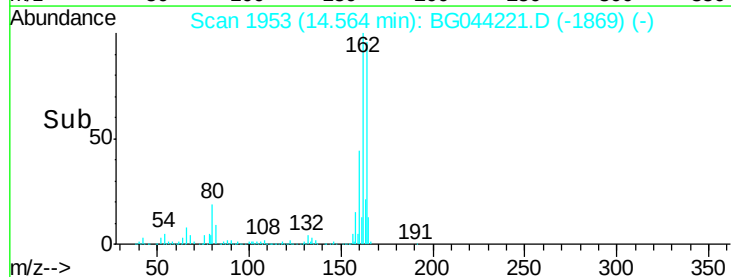
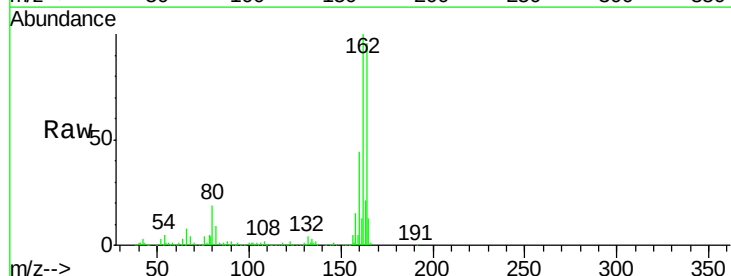
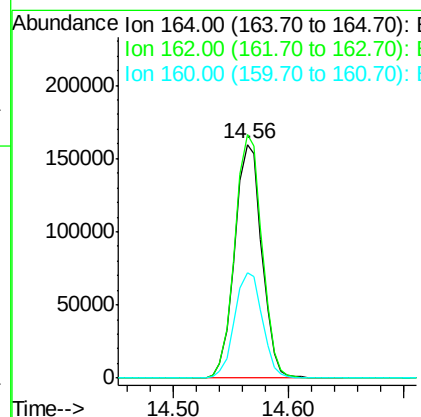
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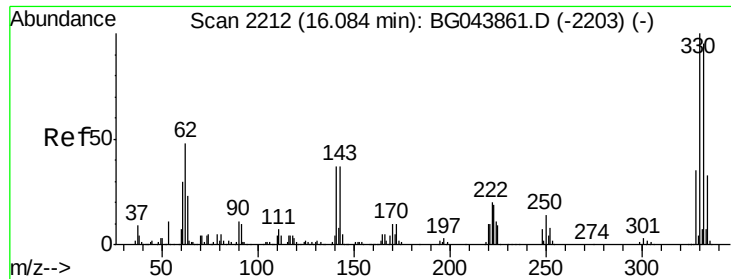
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	45.3	36.1	54.1





#42

2,4,6-Tribromophenol

Concen: 140.645 ng

RT: 16.06 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044221.D

Acq: 27 Jan 2020 18:49

Instrument :

BNA_G

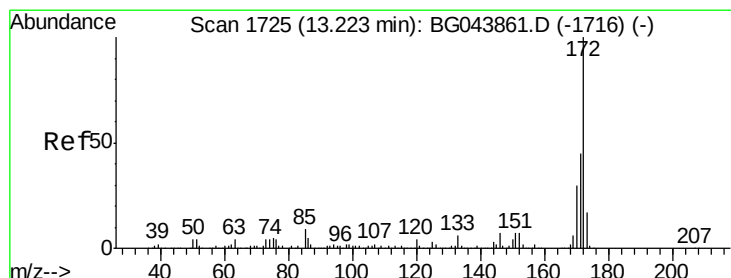
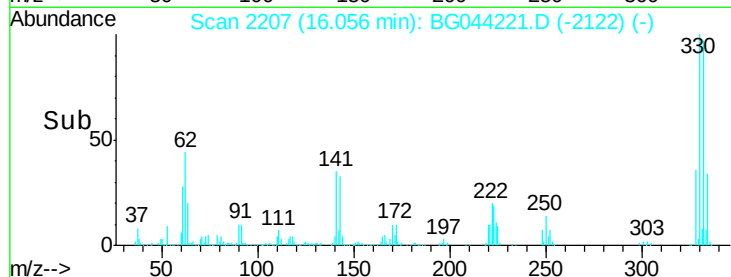
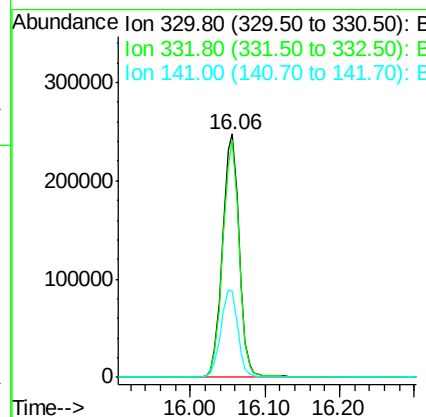
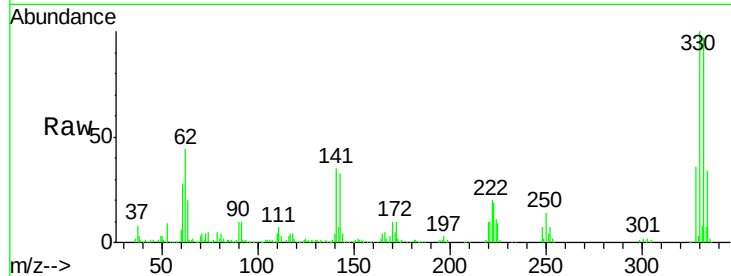
ClientSampleId :

20200066-AMENDED-COMP-4

Tot Ion:	330	Resp:	383510
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.2	115.8
141	36.6	33.1	49.7

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#45

2-Fluorobiphenyl

Concen: 98.425 ng

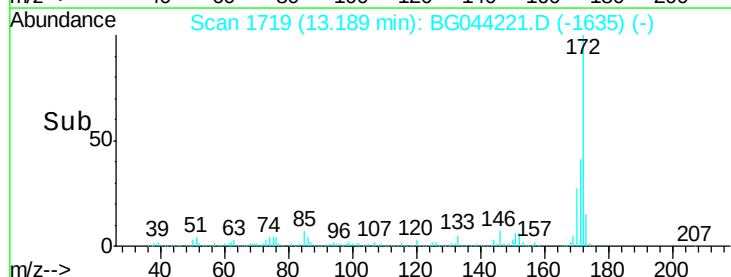
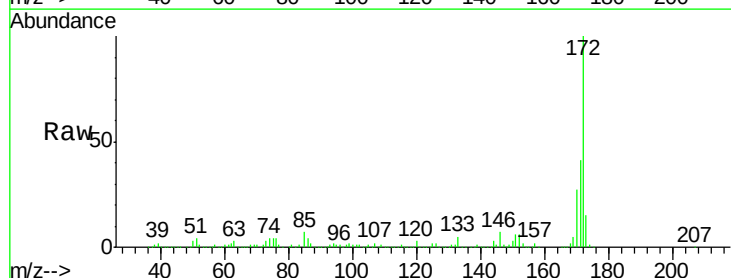
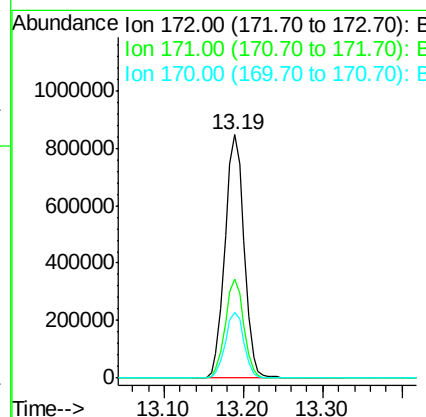
RT: 13.19 min Scan# 1719

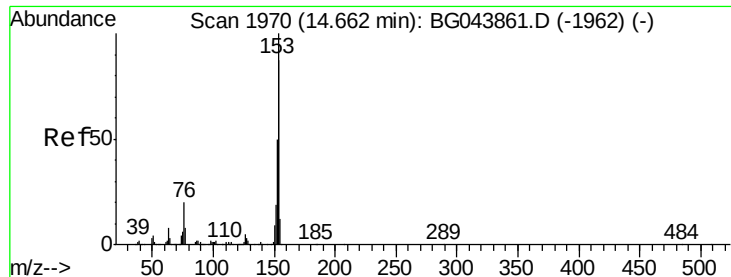
Delta R.T. -0.03 min

Lab File: BG044221.D

Acq: 27 Jan 2020 18:49

Tgt Ion:	172	Resp:	1415543
Ion Ratio	Lower	Upper	
172	100		
171	40.7	35.8	53.8
170	27.2	24.2	36.4





#52

Acenaphthene

Concen: 6.252 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.03 min

Lab File: BG044221.D

Acq: 27 Jan 2020 18:49

Instrument :

BNA_G

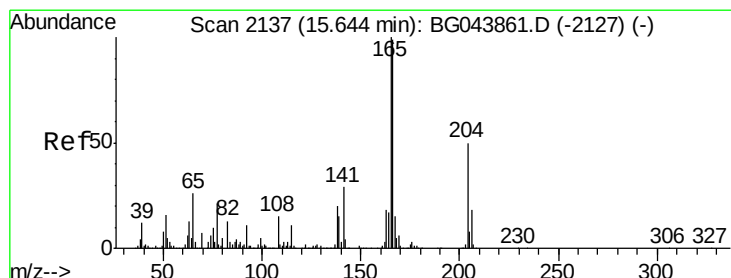
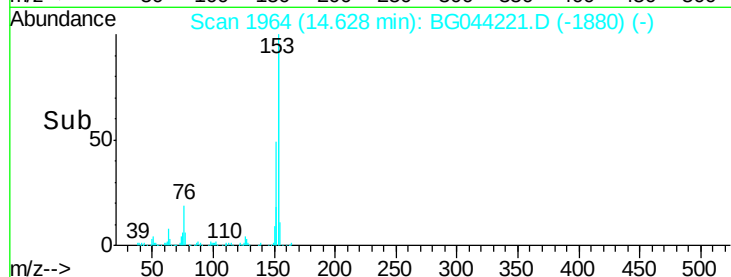
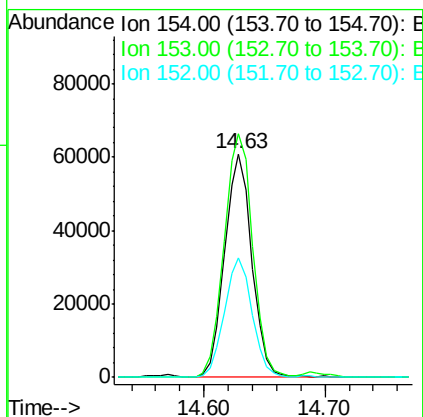
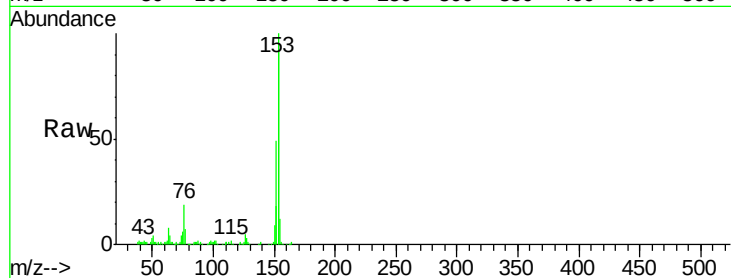
ClientSampleId :

20200066-AMENDED-COMP-4

Tot Ion	Ratio	Lower	Upper
154	100		
153	109.1	91.6	137.4
152	53.4	45.4	68.0

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#58

Fluorene

Concen: 3.357 ng

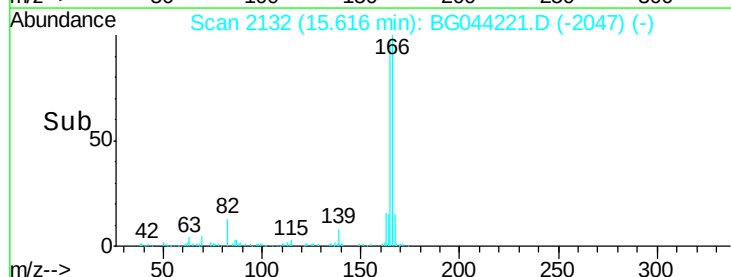
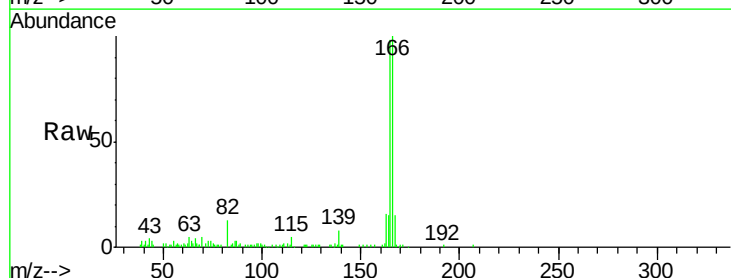
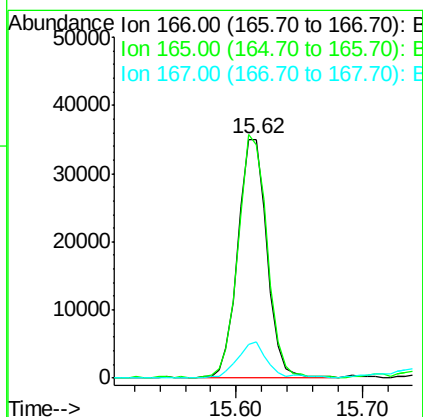
RT: 15.62 min Scan# 2132

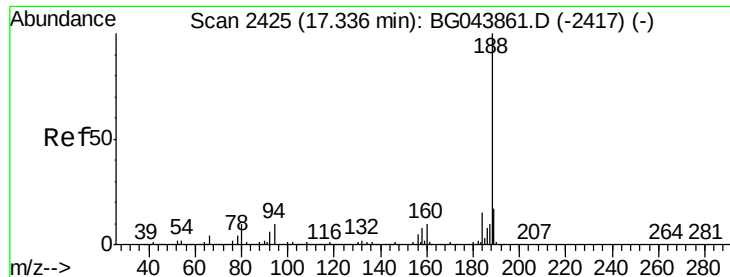
Delta R.T. -0.03 min

Lab File: BG044221.D

Acq: 27 Jan 2020 18:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.8	121.2
167	14.9	12.1	18.1





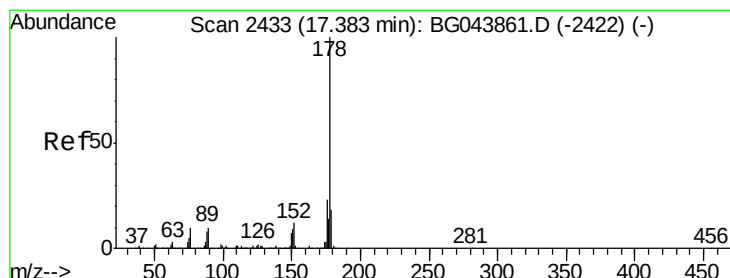
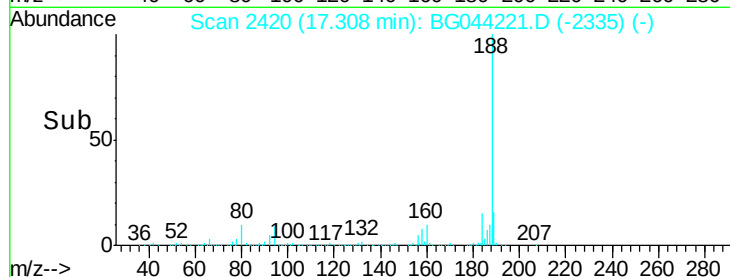
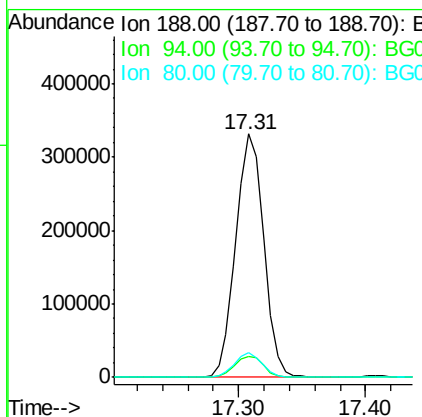
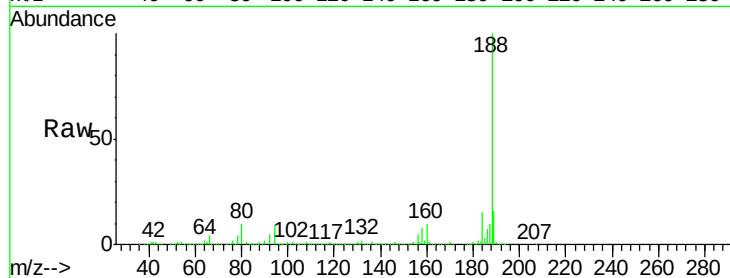
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2420
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tot Ion	Ratio	Resp	Lower	Upper
188	100	507672		
94	8.8		7.9	11.9
80	10.1		8.2	12.4

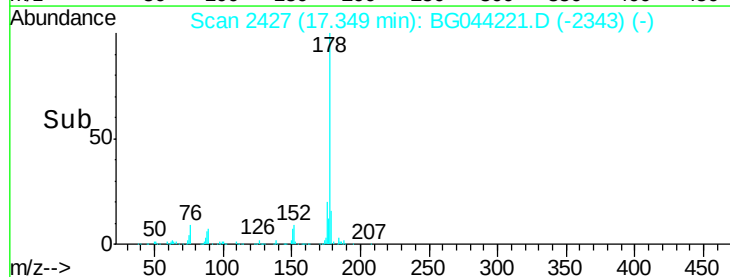
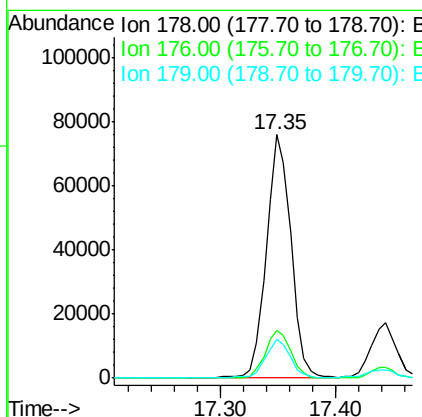
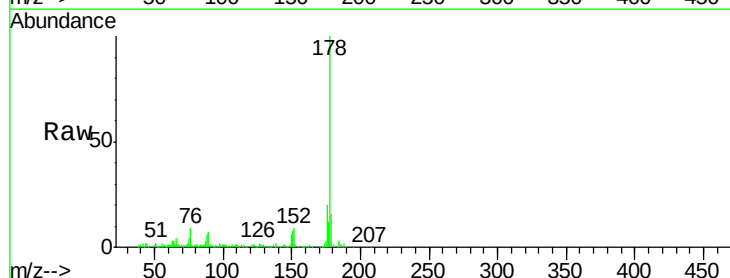
Manual Integrations
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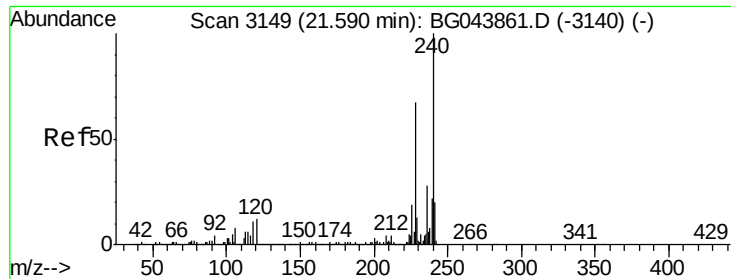
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#71
Phenanthrene
Concen: 4.644 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	113087		
176	19.6		18.6	28.0
179	16.0		14.4	21.6





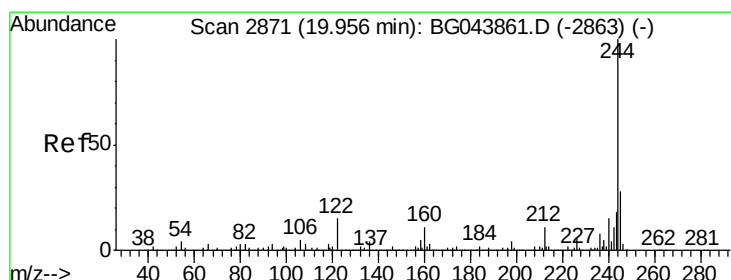
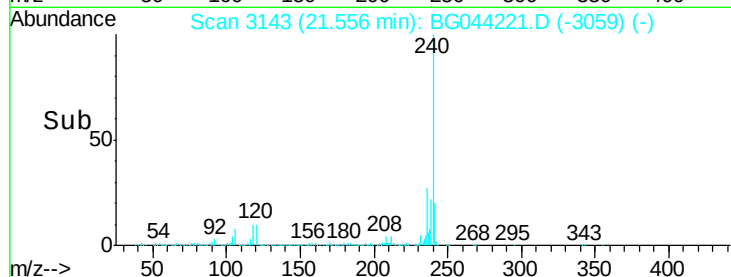
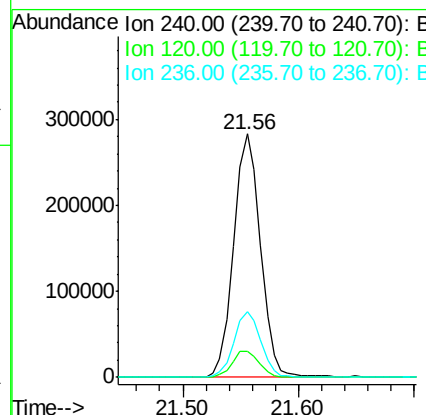
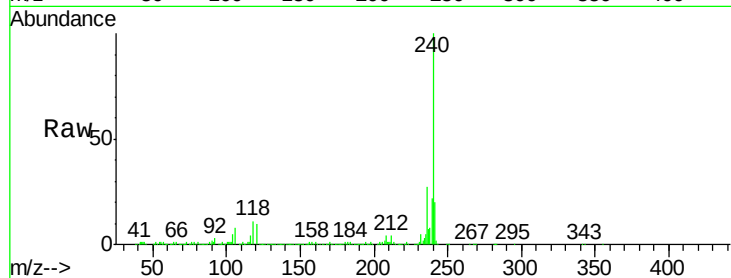
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.6	14.4
236	26.8	22.2	33.2

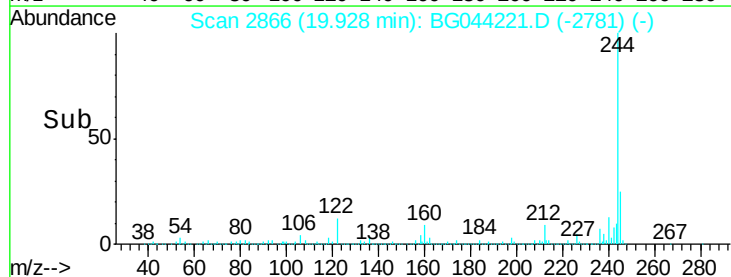
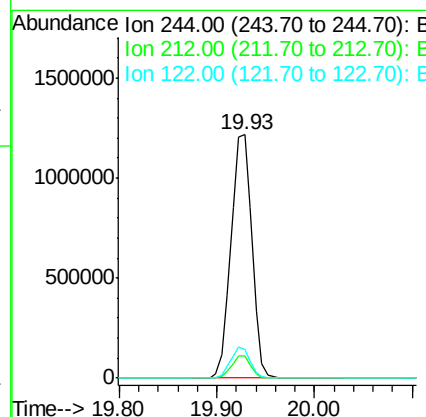
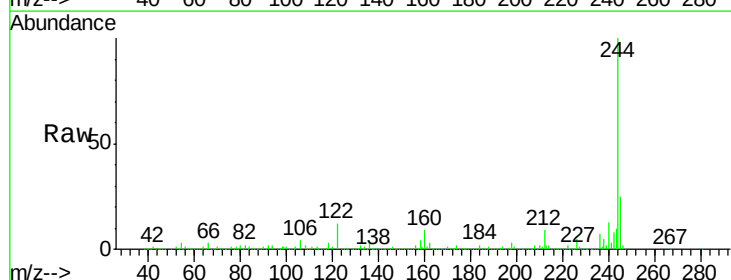
Manual Integrations
APPROVED

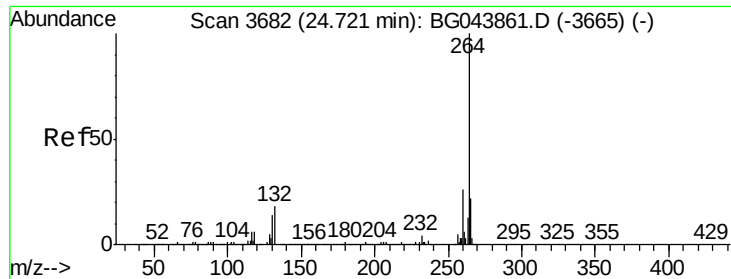
mohammad
1/28/2020 1:12:42 PM



#79
Terphenyl-d14
Concen: 100.330 ng
RT: 19.93 min Scan# 2866
Delta R.T. -0.03 min
Lab File: BG044221.D
Acq: 27 Jan 2020 18:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	8.6	13.0
122	12.0	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: BG044221.D
Acq: 27 Jan 2020 18:49

Instrument :
BNA_G
ClientSampleId :
20200066-AMENDED-COMP-4

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.8	20.4	30.6	
265	22.2	17.4	26.2	

Manual Integrations
APPROVED

mohammad
1/28/2020 1:12:42 PM

