

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012820\
 Data File : BG044231.D
 Acq On : 28 Jan 2020 15:28
 Operator : CG/JU
 Sample : L1242-10RX
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20200063-AMENDED-COMP-1RX

Manual Integrations
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mohammad
 1/30/2020 10:17:43 AM

Quant Time: Jan 28 16:16:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 28 15:57:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	90706	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	412834	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	284856	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	543484	20.00	ng	0.00
76) Chrysene-d12	21.56	240	472866	20.00	ng	0.00
87) Perylene-d12	24.67	264	549851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	14396	2.91	ng	0.00
7) Phenol-d6	7.10	99	179679	26.02	ng	0.00
23) Nitrobenzene-d5	9.09	82	674418	87.39	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	8979	3.01	ng	0.01
45) 2-Fluorobiphenyl	13.19	172	1338856	85.16	ng	0.00
79) Terphenyl-d14	19.93	244	1797145	94.24	ng	0.00
Target Compounds						
10) Phenol	7.13	94	40006	5.623	ng	94
50) Dimethylphthalate	14.02	163	320020	15.822	ng	100
71) Phenanthrene	17.36	178	114046	4.375	ng	95
75) Fluoranthene	19.37	202	481256	16.143	ng	96
78) Pyrene	19.72	202	429575	13.917	ng	96
81) Benzo(a)anthracene	21.54	228	251536	8.579	ng	96
83) Chrysene	21.60	228	259869	9.327	ng	95
84) Bis(2-ethylhexyl)phthalate	21.46	149	48617	2.398	ng	95
86) Indeno(1,2,3-cd)pyrene	28.18	276	96612	2.552	ng	# 92
88) Benzo(b)fluoranthene	23.69	252	246878	7.595	ng	96
89) Benzo(k)fluoranthene	23.74	252	109641m	3.547	ng	
90) Benzo(a)pyrene	24.52	252	171576	5.592	ng	# 96
92) Benzo(a,h,i)perylene	29.28	276	87309	2.853	ng	# 93

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

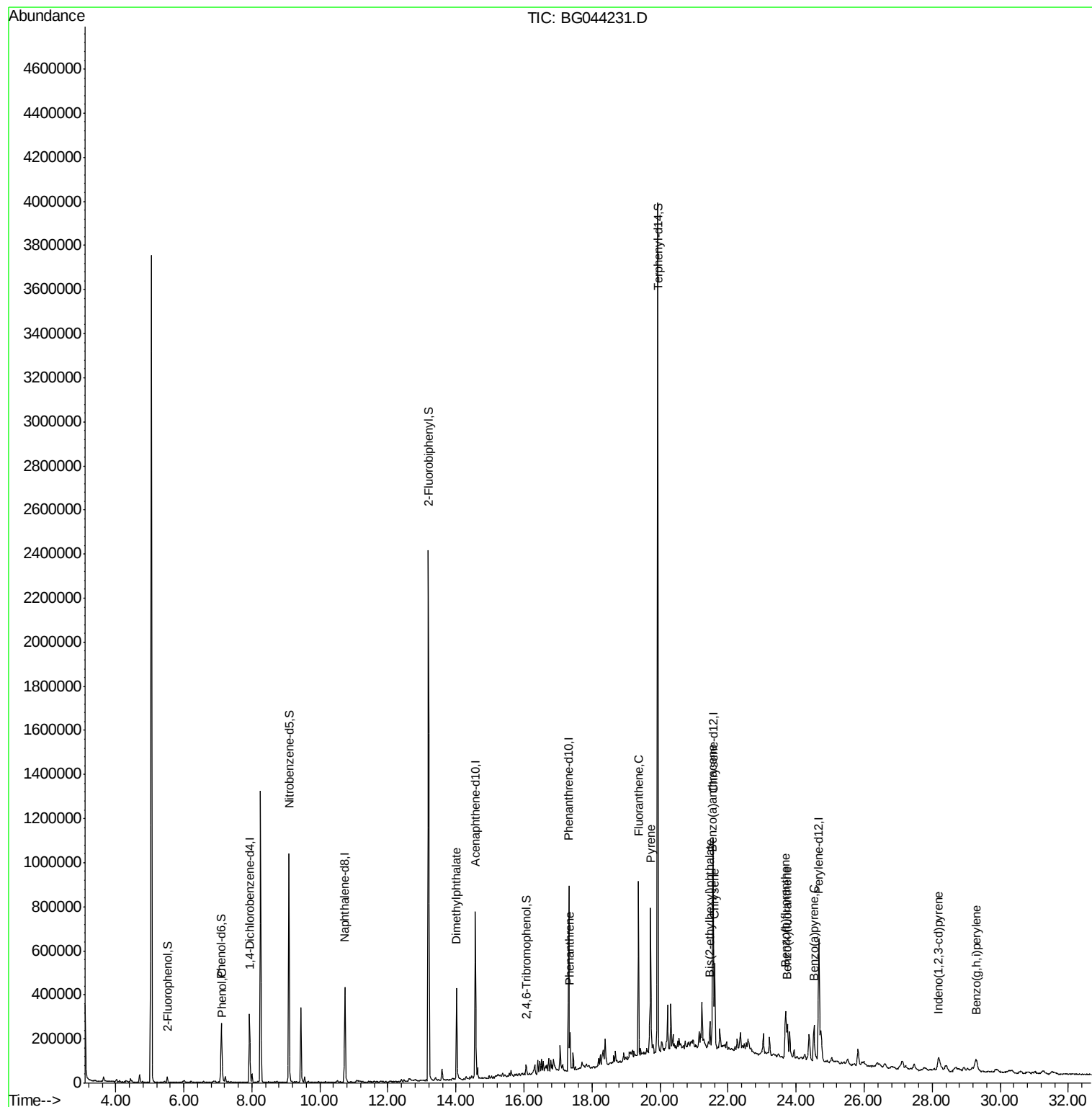
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012820\
Data File : BG044231.D
Acq On : 28 Jan 2020 15:28
Operator : CG/JU
Sample : L1242-10RX
Misc :
ALS Vial : 4 Sample Multiplier: 1

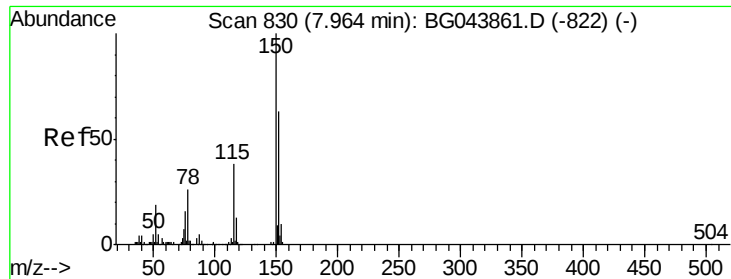
Instrument :
BNA_G
ClientSampleId :
20200063-AMENDED-COMP-1RX

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Quant Time: Jan 28 16:16:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

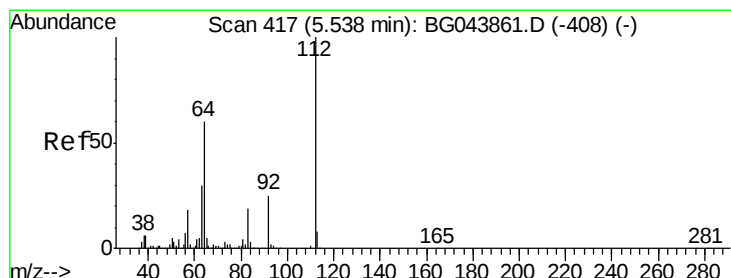
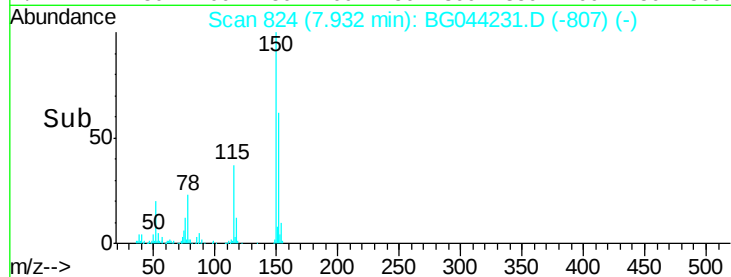
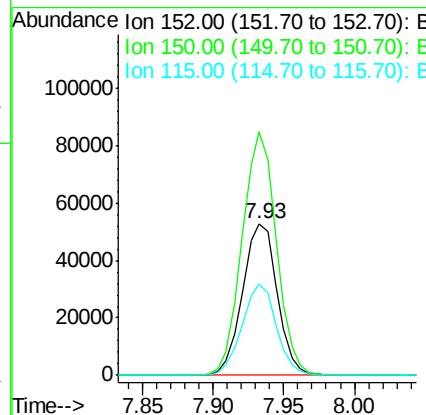
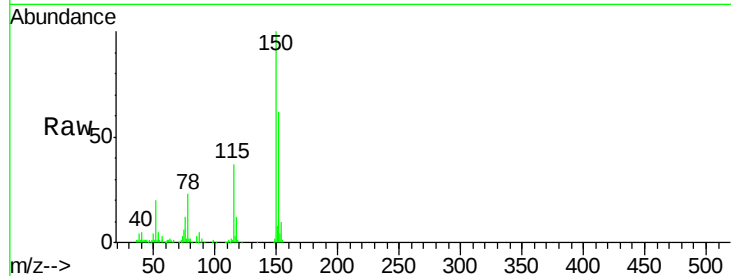
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Instrument :
BNA_G
ClientSampleId :
20200063-AMENDED-COMP-1RX

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.7	127.9	191.9
115	60.1	47.8	71.8

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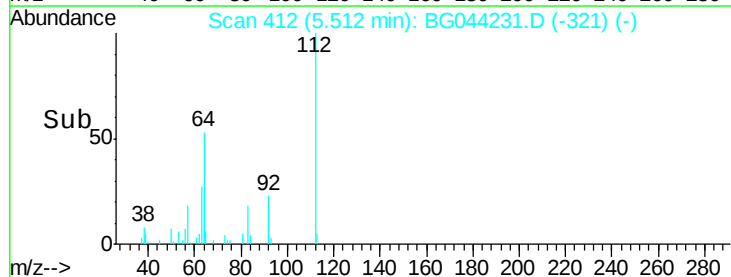
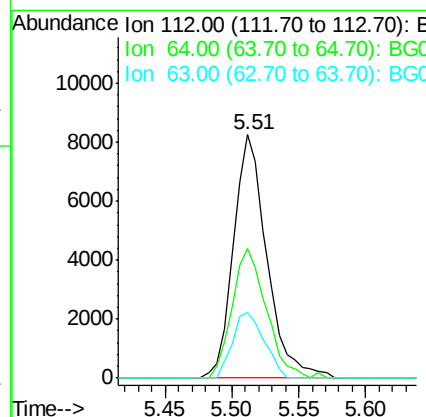
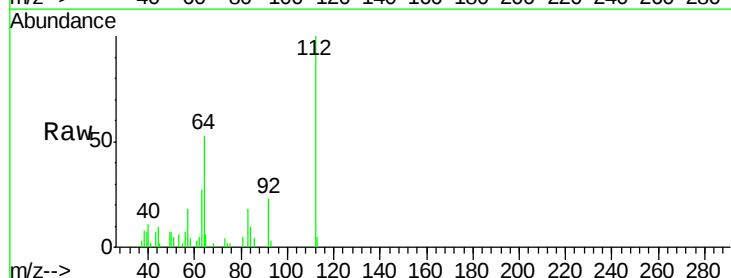
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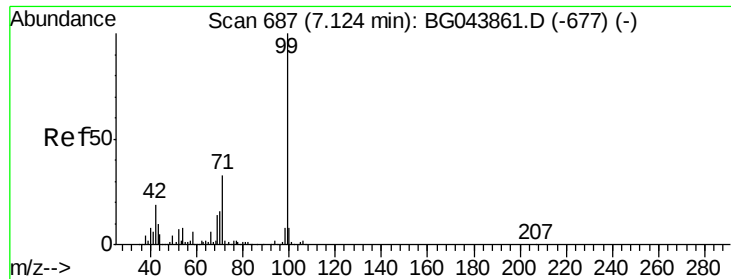


#5

2-Fluorophenol
Concen: 2.914 ng
RT: 5.51 min Scan# 412
Delta R.T. 0.01 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	45.5	68.3
63	27.0	23.6	35.4





#7

Phenol-d6

Concen: 26.020 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044231.D

Acq: 28 Jan 2020 15:28

Instrument :

BNA_G

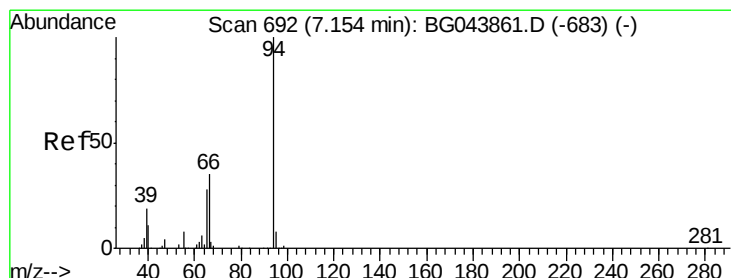
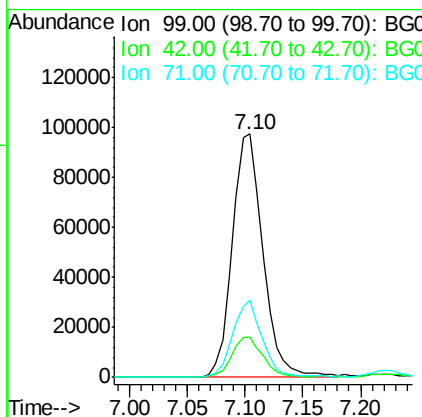
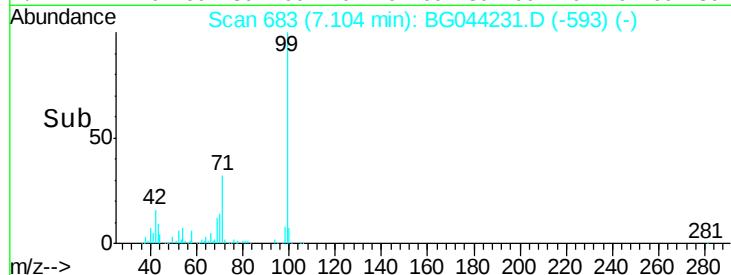
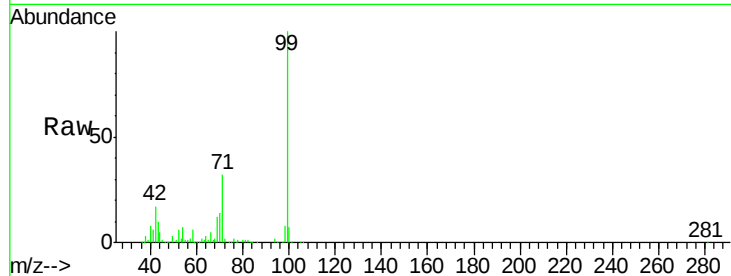
ClientSampleId :

20200063-AMENDED-COMP-1RX

Tot Ion:	99	Resp:	179679
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	31.6	25.0	37.6

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#10

Phenol

Concen: 5.623 ng

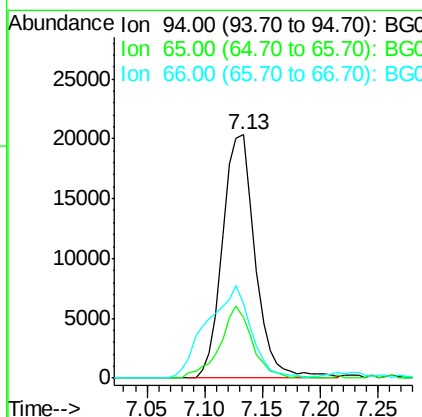
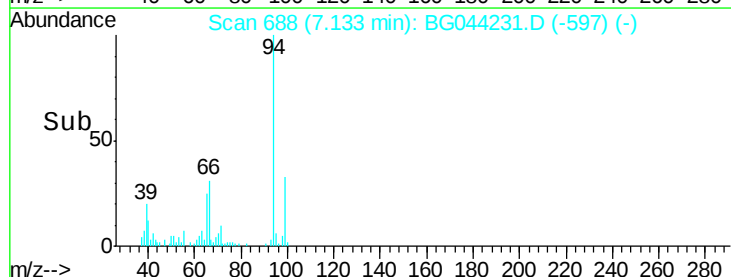
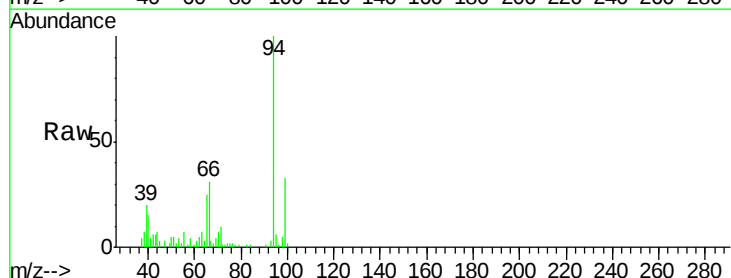
RT: 7.13 min Scan# 688

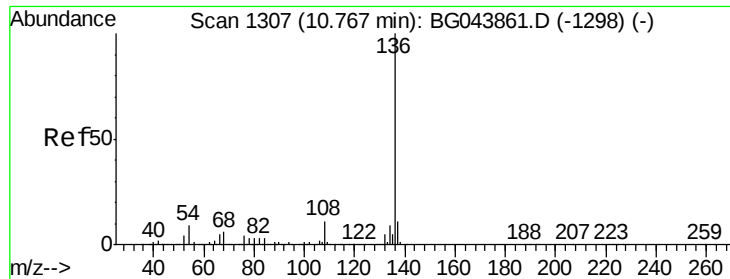
Delta R.T. 0.01 min

Lab File: BG044231.D

Acq: 28 Jan 2020 15:28

Tgt Ion:	94	Resp:	40006
Ion	Ratio	Lower	Upper
94	100		
65	24.7	7.5	47.5
66	30.7	14.0	54.0





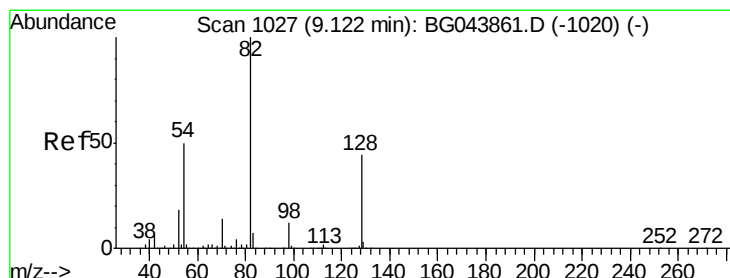
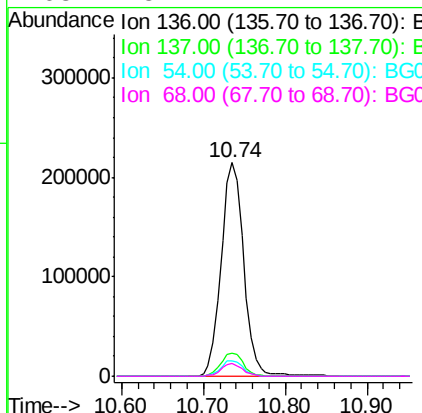
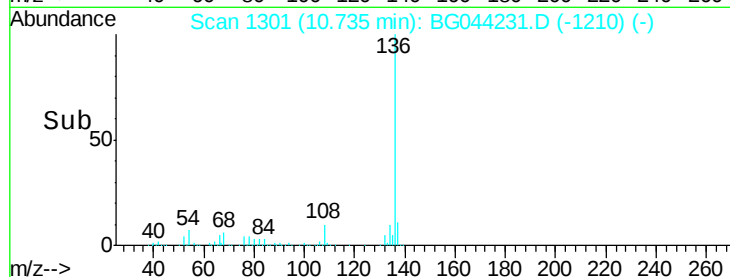
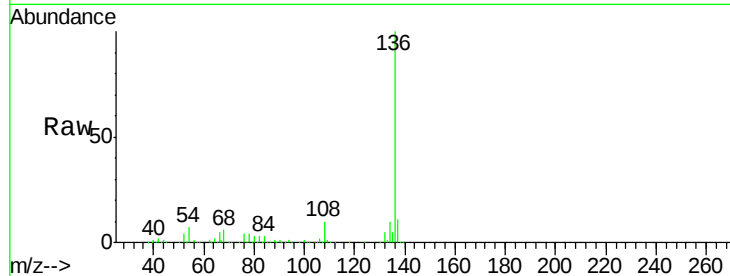
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Instrument :
BNA_G
ClientSampleId :
20200063-AMENDED-COMP-1RX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		412834		
137	11.1	9.0	13.4		
54	7.0	6.2	9.4		
68	5.7	4.7	7.1		

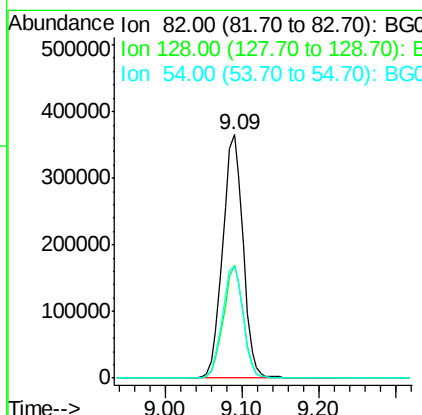
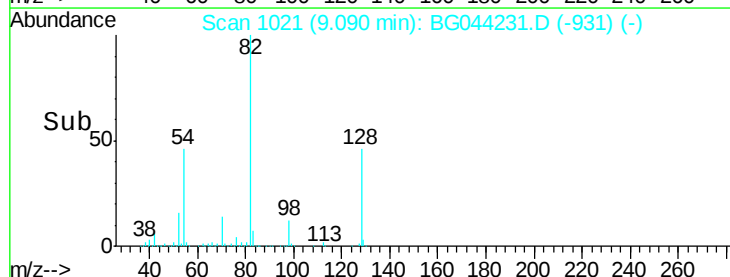
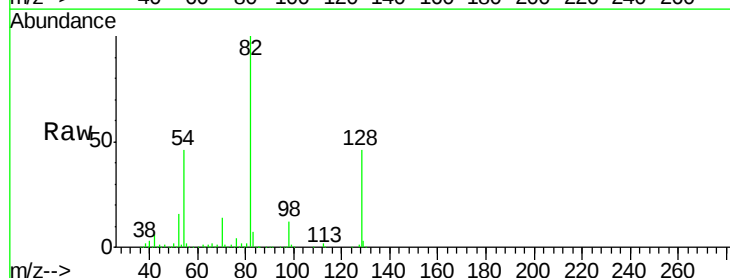
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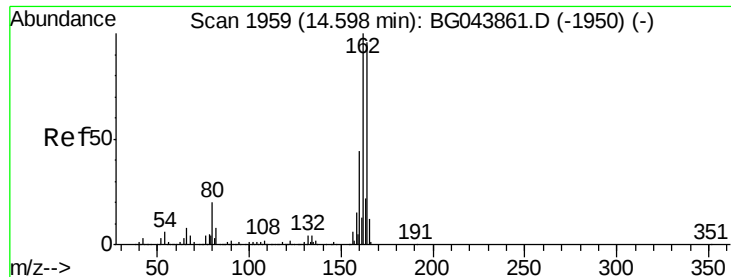
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#23
Nitrobenzene-d5
Concen: 87.392 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		674418		
128	46.4	37.5	56.3		
54	46.0	38.4	57.6		





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BG044231.D

Acq: 28 Jan 2020 15:28

Instrument :

BNA_G

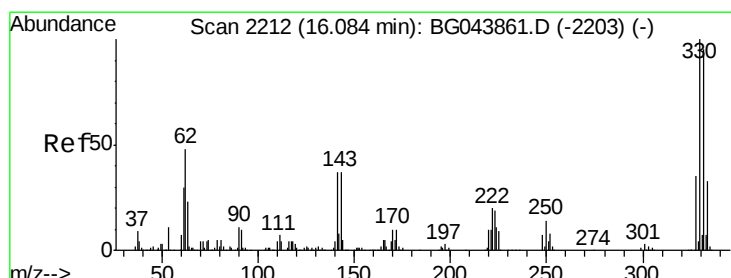
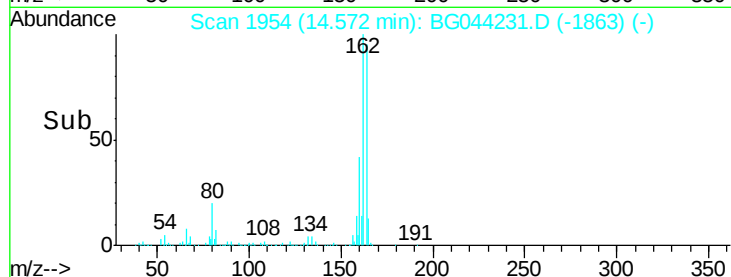
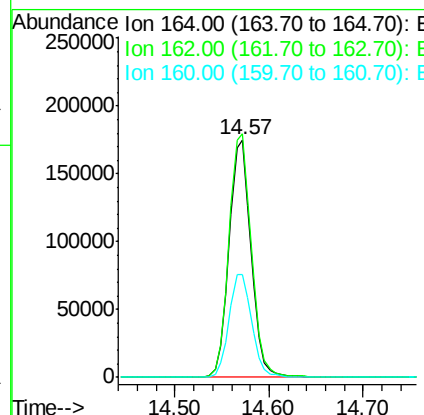
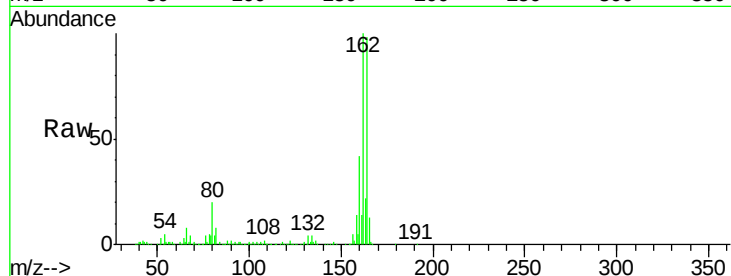
ClientSampleId :

20200063-AMENDED-COMP-1RX

Tot Ion:	164	Resp:	284856
Ion Ratio	Lower	Upper	
164	100		
162	102.5	80.1	120.1
160	43.5	35.5	53.3

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#42

2,4,6-Tribromophenol

Concen: 3.012 ng

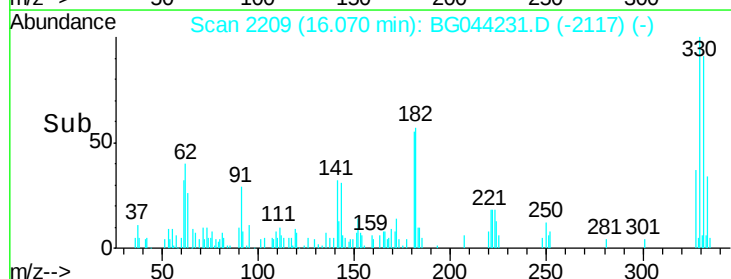
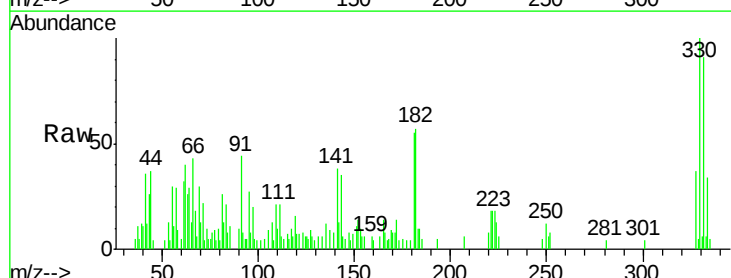
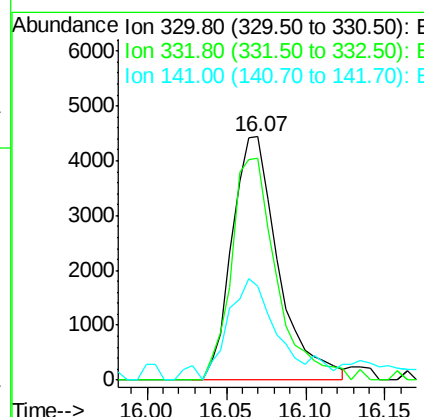
RT: 16.07 min Scan# 2209

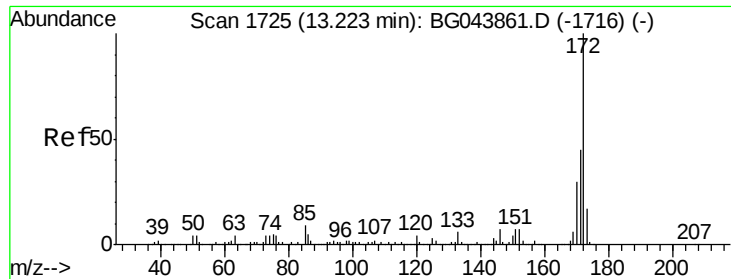
Delta R.T. 0.01 min

Lab File: BG044231.D

Acq: 28 Jan 2020 15:28

Tgt Ion:	330	Resp:	8979
Ion Ratio	Lower	Upper	
330	100		
332	89.9	77.0	115.4
141	43.4	28.8	43.2#





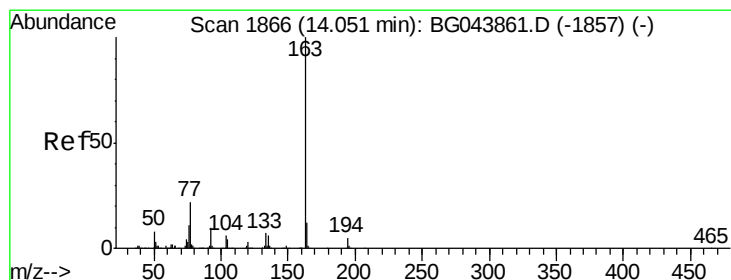
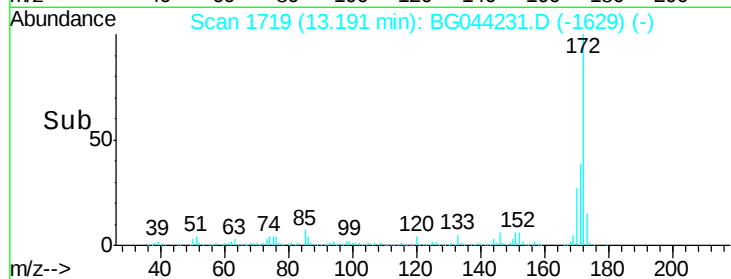
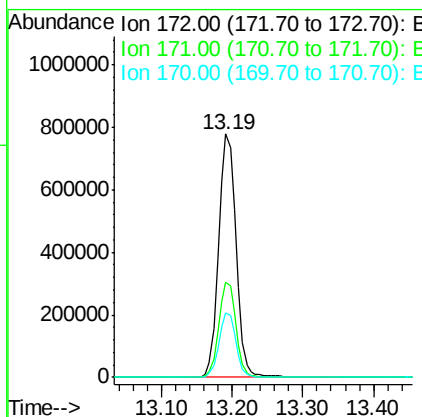
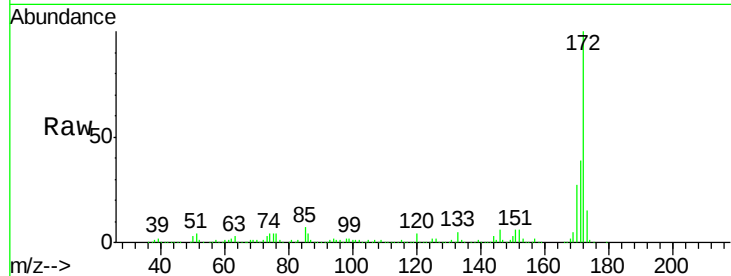
#45
2-Fluorobiphenyl
Concen: 85.155 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Instrument :
BNA_G
ClientSampleId :
20200063-AMENDED-COMP-1RX

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	32.6	48.8
170	26.6	22.3	33.5

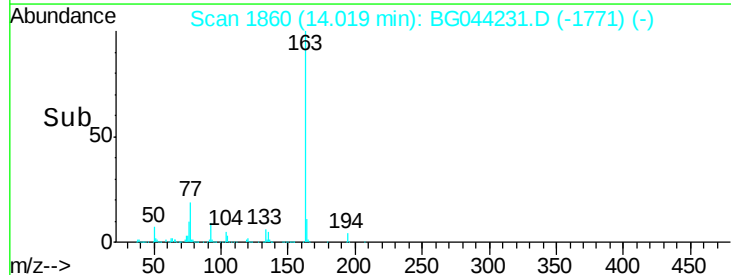
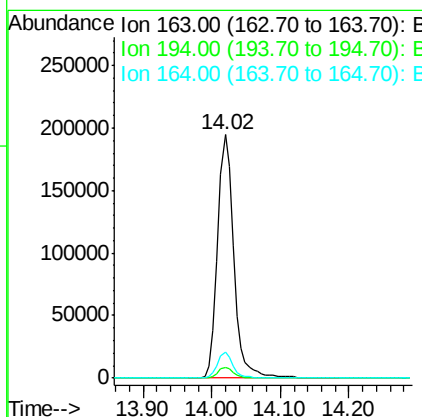
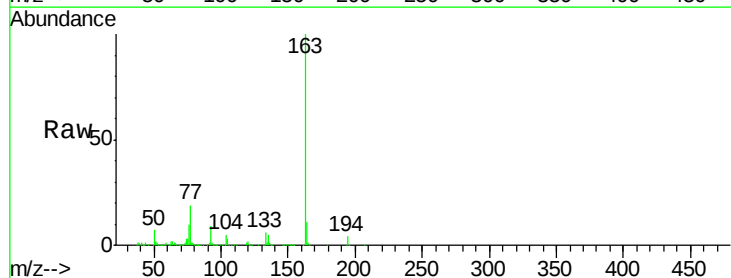
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#50
Dimethylphthalate
Concen: 15.822 ng
RT: 14.02 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.6	8.6	12.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2421

Delta R.T. 0.01 min

Lab File: BG044231.D

Acq: 28 Jan 2020 15:28

Instrument :

BNA_G

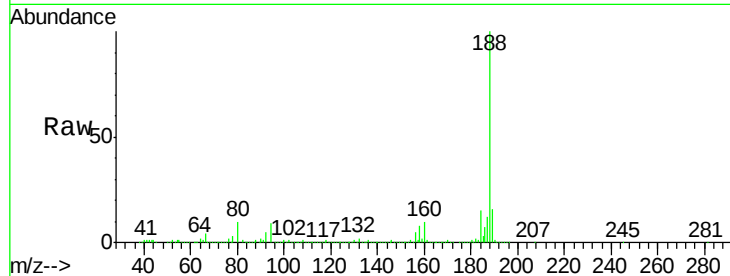
ClientSampleId :

20200063-AMENDED-COMP-1RX

Tot Ion:	188	Resp:	543484
Ion Ratio	Lower	Upper	
188	100		
94	9.2	7.4	11.2
80	9.6	8.1	12.1

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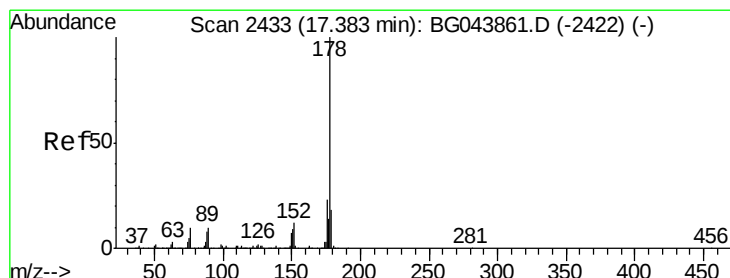
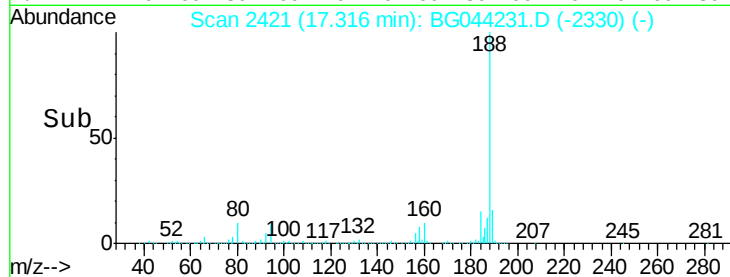
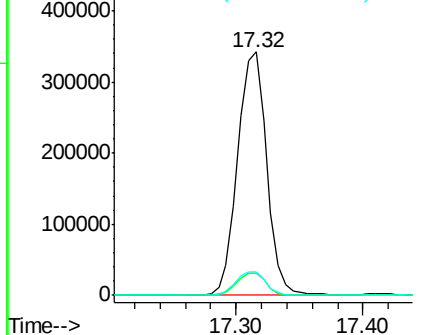
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#71

Phenanthrene

Concen: 4.375 ng

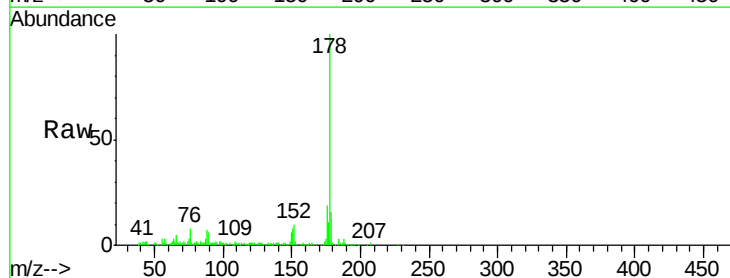
RT: 17.36 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BG044231.D

Acq: 28 Jan 2020 15:28

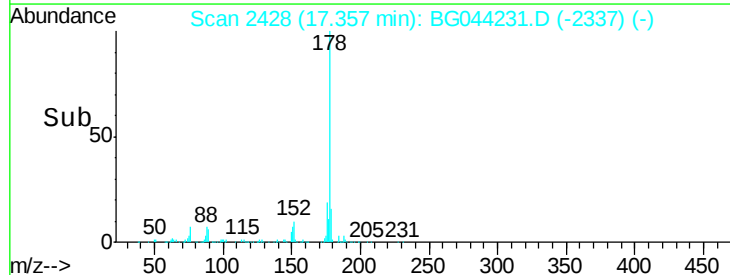
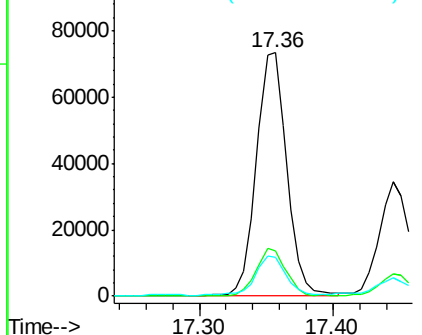
Tgt Ion:	178	Resp:	114046
Ion Ratio	Lower	Upper	
178	100		
176	18.7	17.9	26.9
179	16.2	13.8	20.6

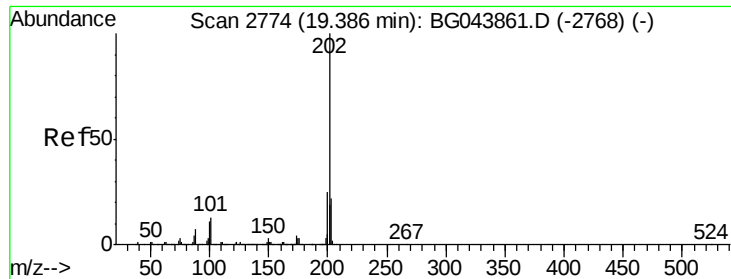


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 16.143 ng

RT: 19.37 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BG044231.D

Acq: 28 Jan 2020 15:28

Instrument :

BNA_G

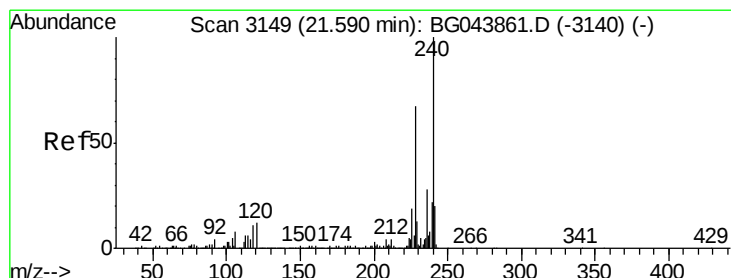
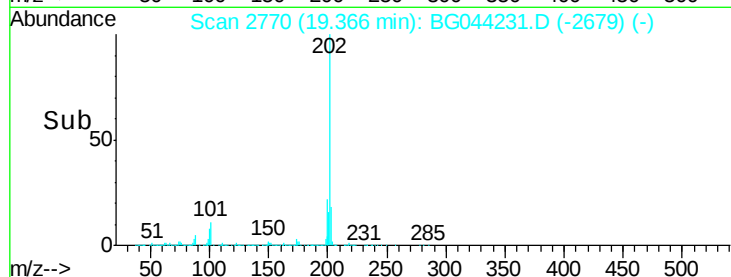
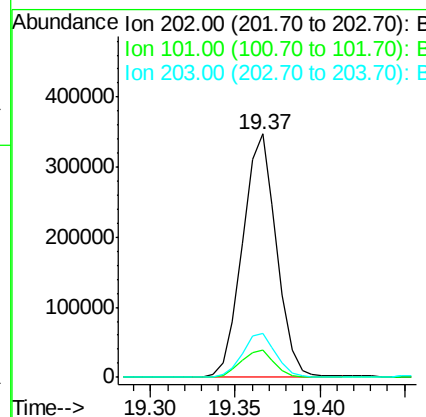
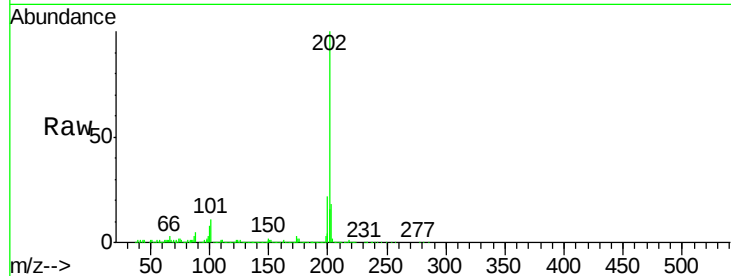
ClientSampleId :

20200063-AMENDED-COMP-1RX

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	31.9
203	17.8	0.2	40.2

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

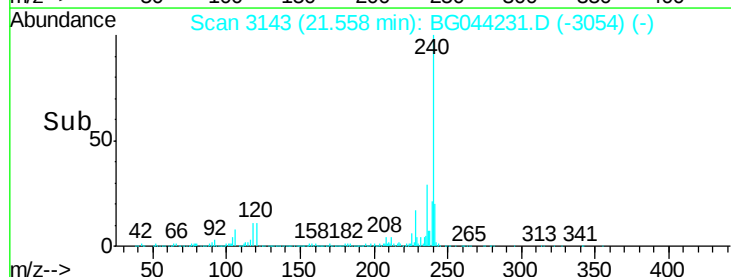
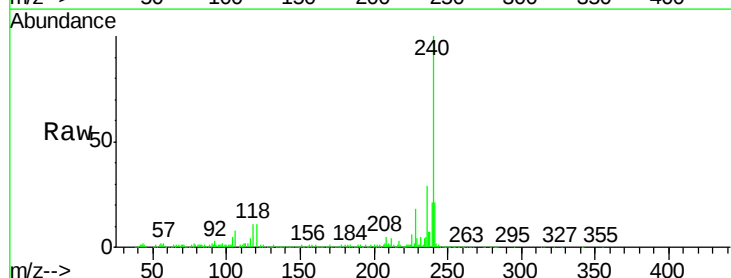
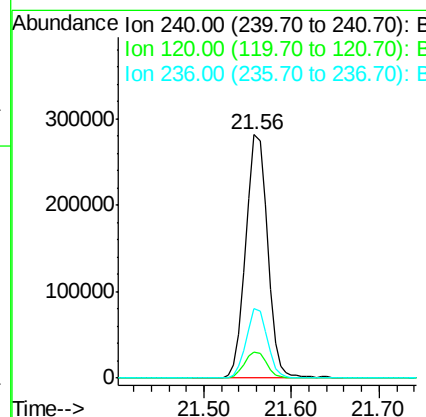
RT: 21.56 min Scan# 3143

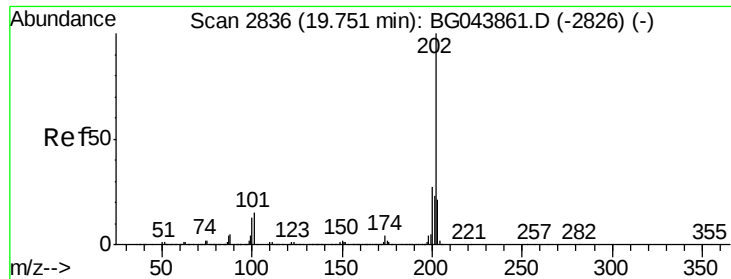
Delta R.T. -0.01 min

Lab File: BG044231.D

Acq: 28 Jan 2020 15:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	8.1	12.1
236	28.6	22.5	33.7





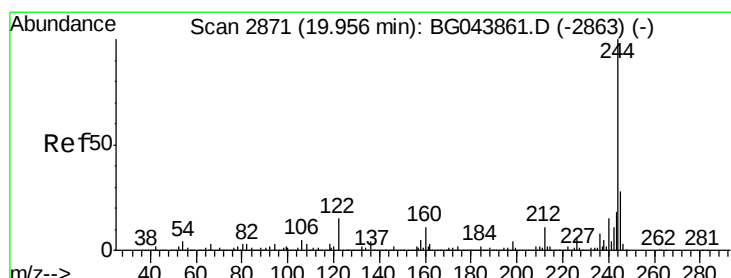
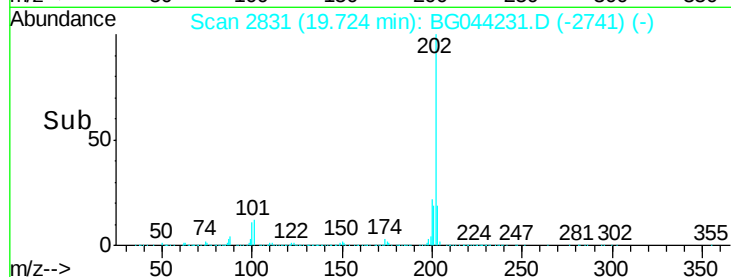
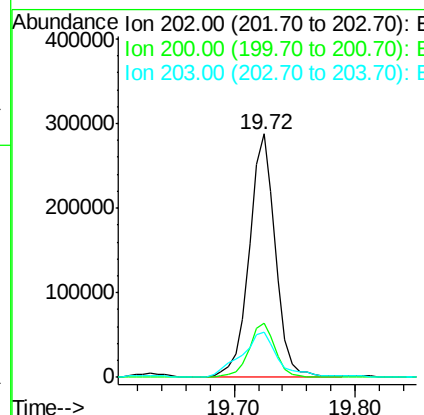
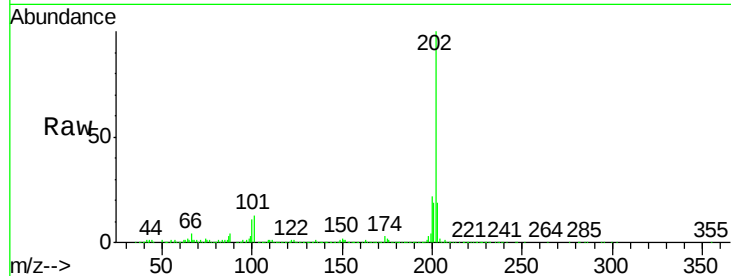
#78
Pvrene
Concen: 13.917 ng
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Instrument :
BNA_G
ClientSampleId :
20200063-AMENDED-COMP-1RX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	22.2	19.9	29.9		
203	18.8	16.3	24.5		

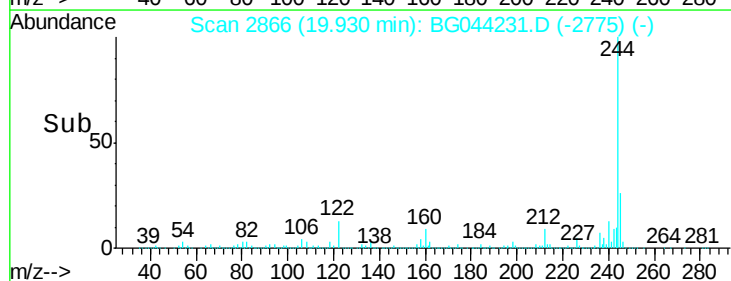
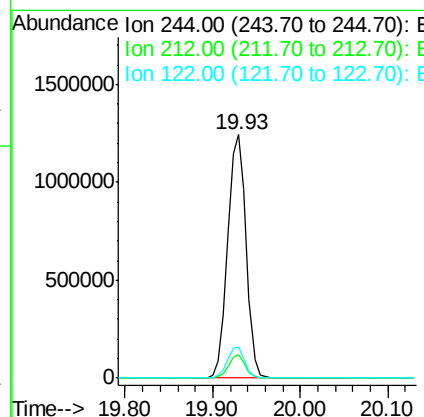
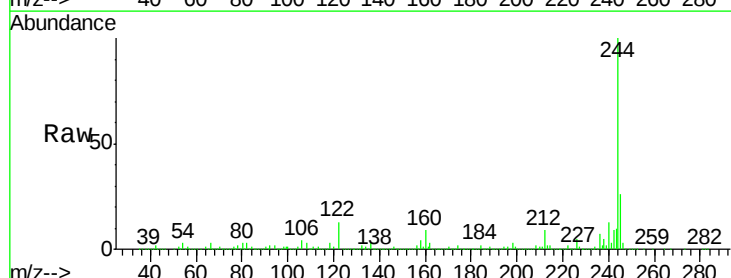
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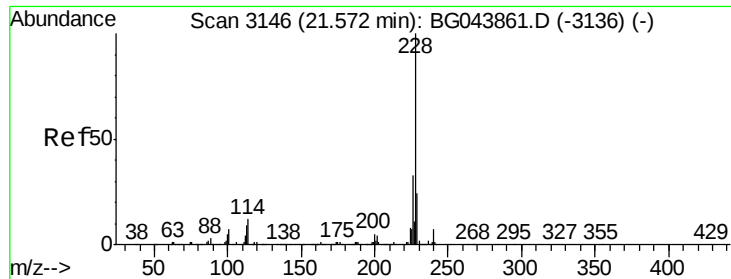
mohammad
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#79
Terphenyl-d14
Concen: 94.245 ng
RT: 19.93 min Scan# 2866
Delta R.T. 0.01 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	9.4	7.5	11.3		
122	12.6	10.6	15.8		





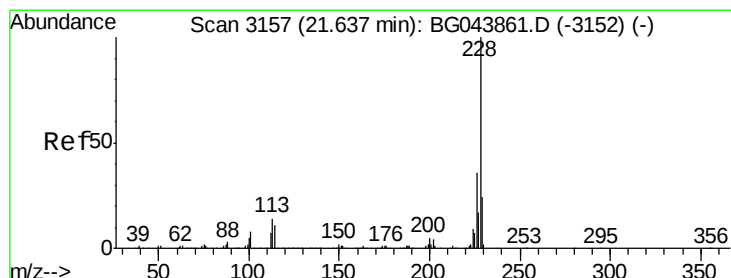
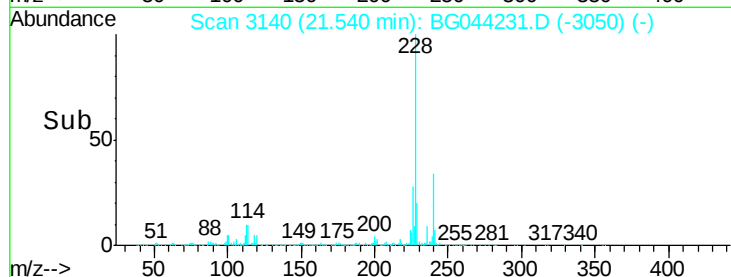
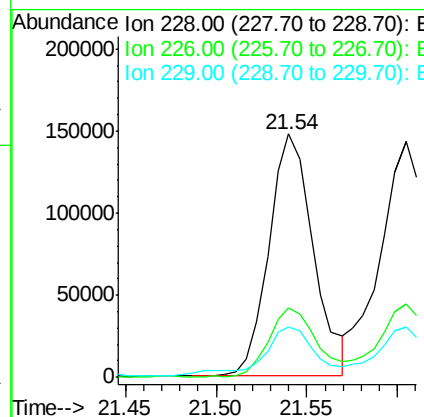
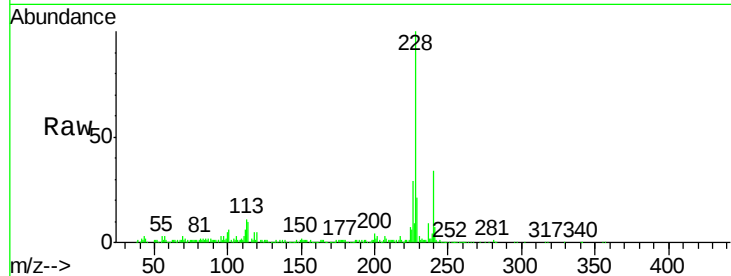
#81
Benzo(a)anthracene
Concen: 8.579 ng
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Instrument :
BNA_G
ClientSampleId :
20200063-AMENDED-COMP-1RX

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.7	37.1
229	20.6	18.3	27.5

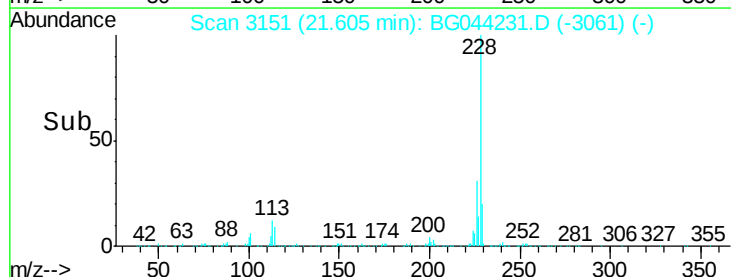
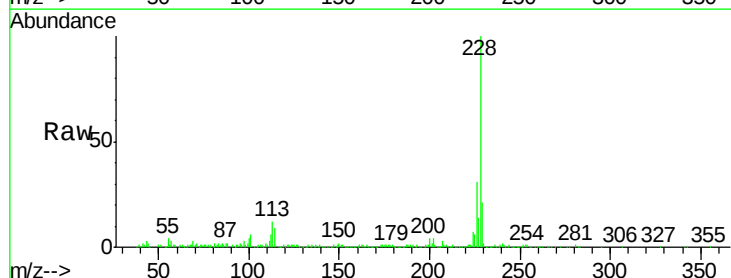
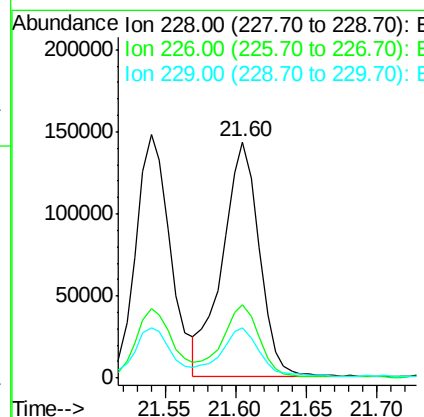
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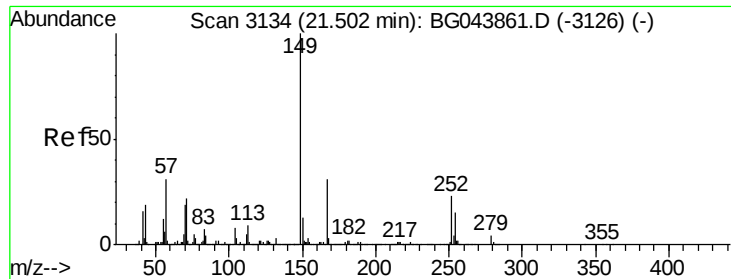
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#83
Chrysene
Concen: 9.327 ng
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	27.6	41.4
229	21.1	17.8	26.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.398 ng

RT: 21.46 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BG044231.D

Acq: 28 Jan 2020 15:28

Instrument :

BNA_G

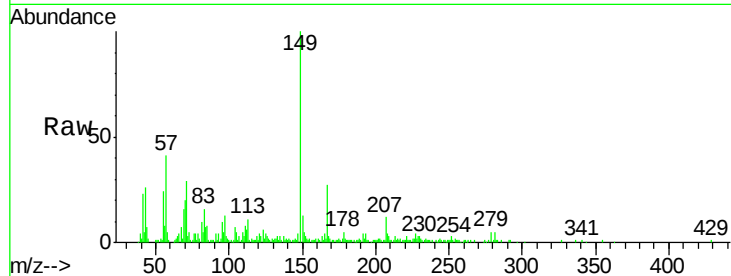
ClientSampleId :

20200063-AMENDED-COMP-1RX

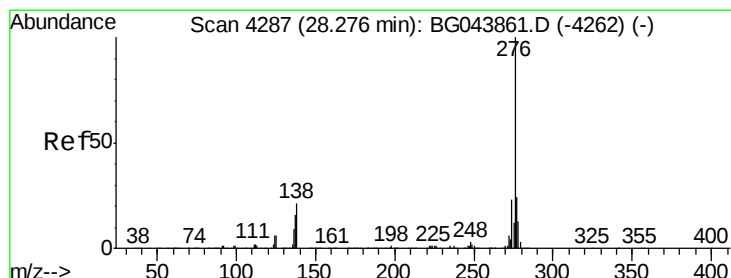
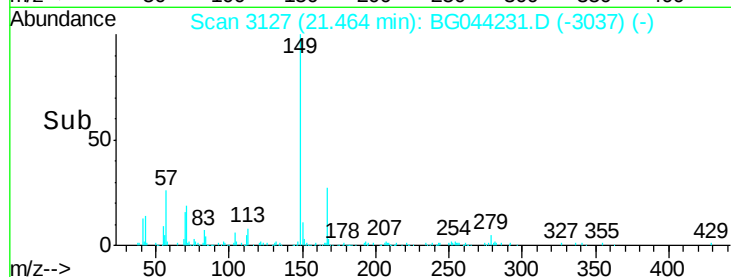
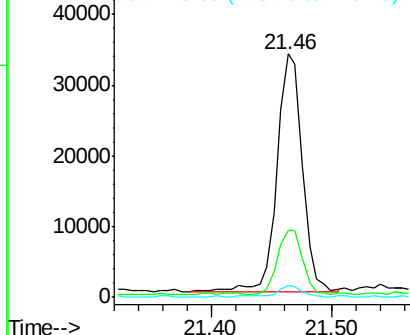
Tot Ion:	149	Resp:	48617
Ion Ratio	Lower	Upper	
149	100		
167	27.4	24.1	36.1
279	5.1	3.7	5.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 2.552 ng

RT: 28.18 min Scan# 4270

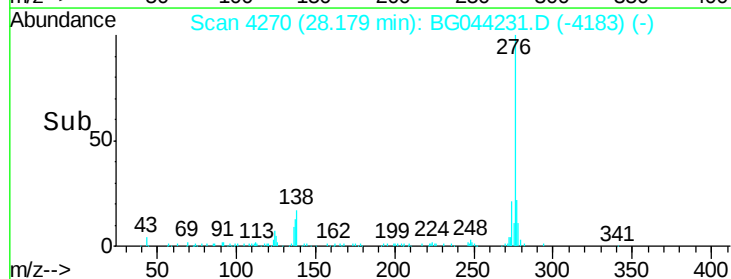
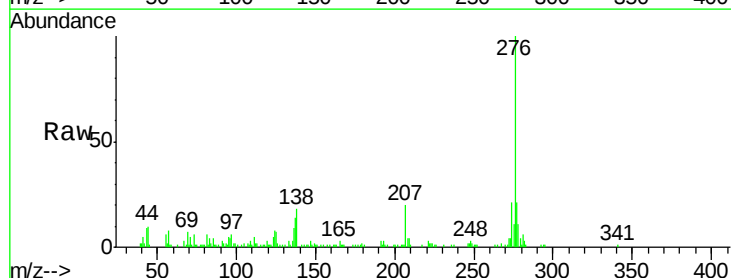
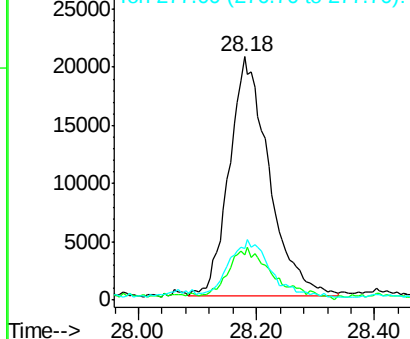
Delta R.T. -0.02 min

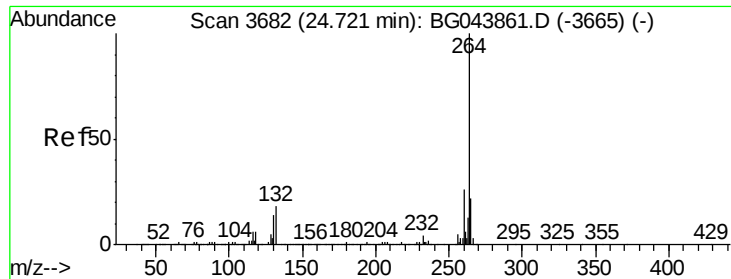
Lab File: BG044231.D

Acq: 28 Jan 2020 15:28

Tgt Ion:	276	Resp:	96612
Ion Ratio	Lower	Upper	
276	100		
138	8.1	13.1	19.7#
277	25.3	20.9	31.3

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





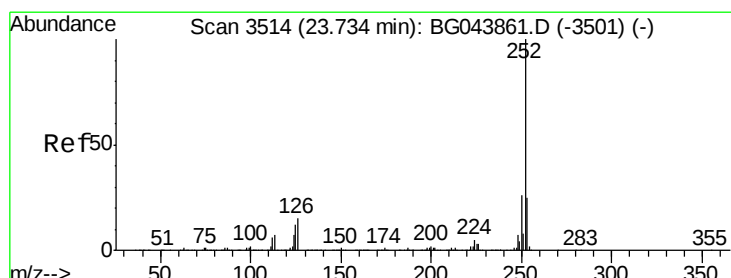
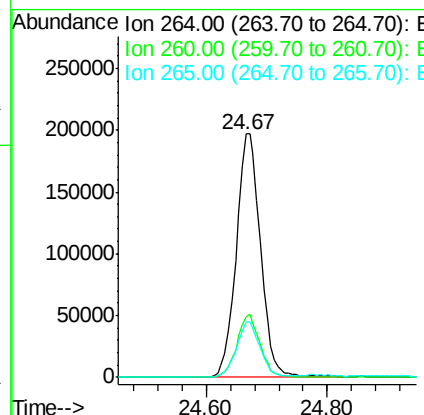
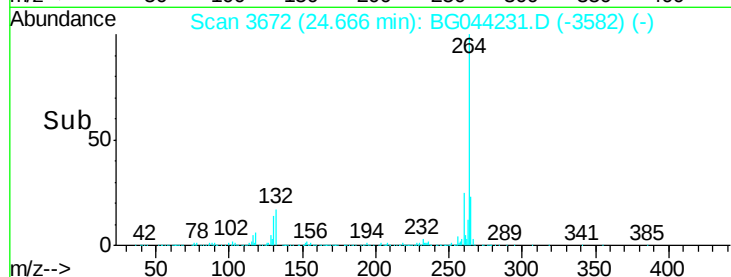
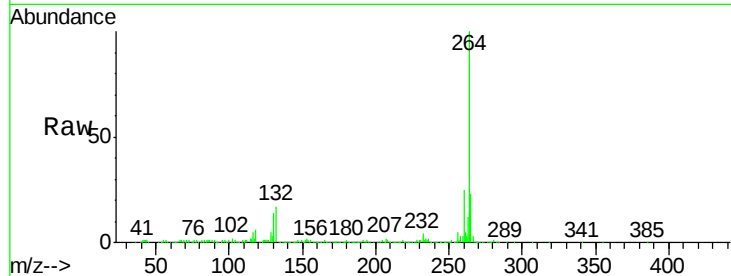
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Instrument :
BNA_G
ClientSampleId :
20200063-AMENDED-COMP-1RX

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	22.9	17.4	26.2

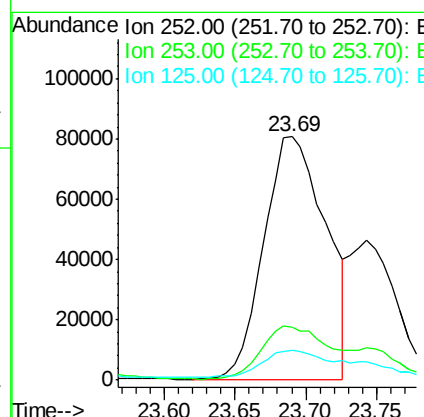
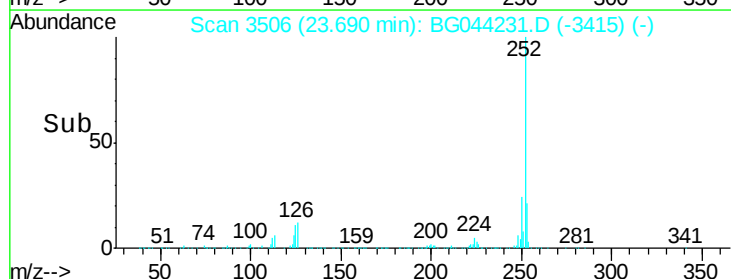
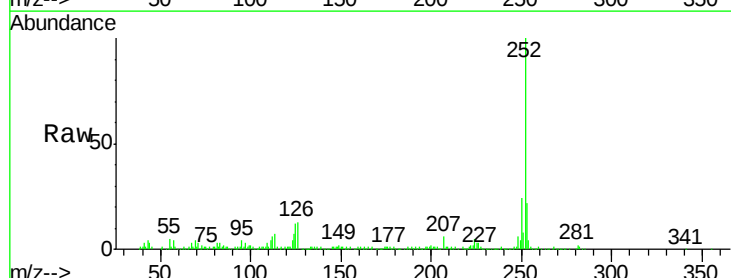
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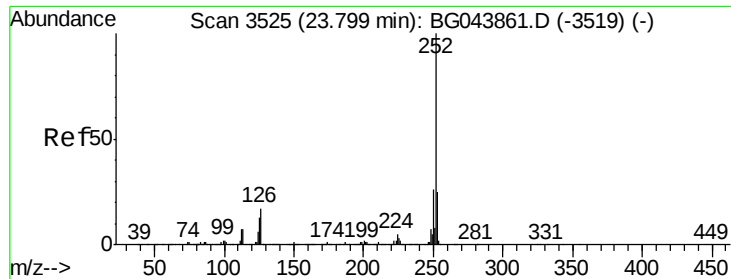
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#88
Benzo(b)fluoranthene
Concen: 7.595 ng
RT: 23.69 min Scan# 3506
Delta R.T. 0.01 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.2	28.8
125	12.4	8.8	13.2





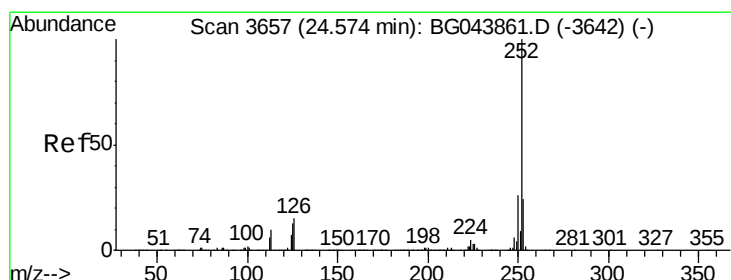
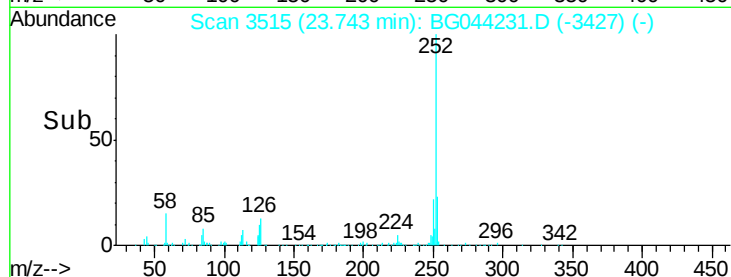
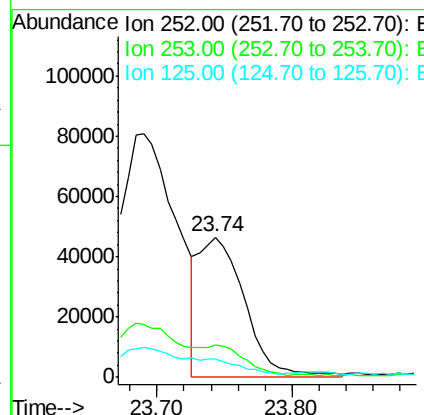
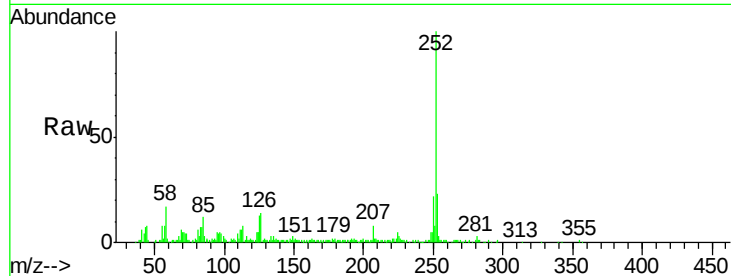
#89
Benzo(k)fluoranthene
Concen: 3.547 ng m
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Instrument :
BNA_G
ClientSampleId :
20200063-AMENDED-COMP-1RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.6	29.4
125	13.0	8.6	12.8

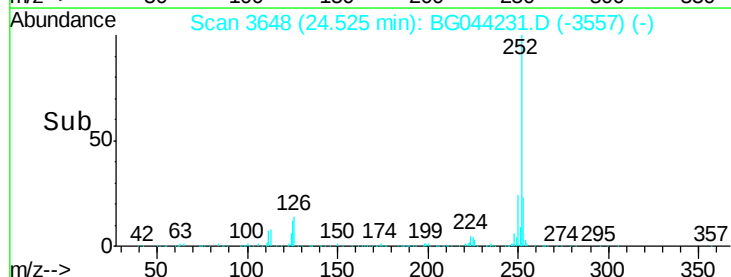
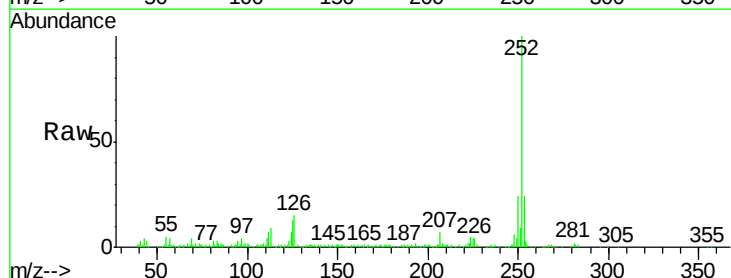
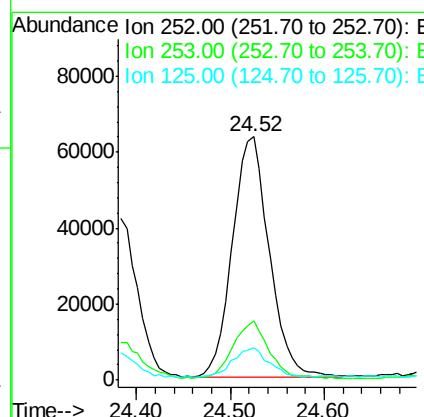
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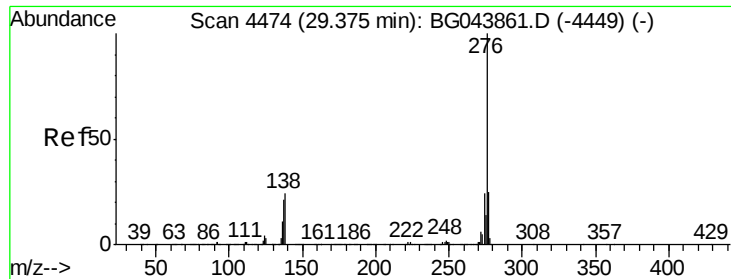
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#90
Benzo(a)pyrene
Concen: 5.592 ng
RT: 24.52 min Scan# 3648
Delta R.T. 0.01 min
Lab File: BG044231.D
Acq: 28 Jan 2020 15:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	13.5	8.9	13.3





#92
 Benzo(a,h,i)perylene
 Concen: 2.853 ng
 RT: 29.28 min Scan# 4458
 Delta R.T. -0.01 min
 Lab File: BG044231.D
 Acq: 28 Jan 2020 15:28

Instrument :
 BNA_G
 ClientSampleId :
 20200063-AMENDED-COMP-1RX

Tot Ion	Ratio	Lower	Upper
276	100		
277	18.9	19.6	29.4#
138	19.6	16.7	25.1

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