

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
 Data File : BG044654.D
 Acq On : 3 Mar 2020 6:21
 Operator : CG/JU
 Sample : L1743-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-7

Manual Integrations
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Quant Time: Mar 03 08:24:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	68021m	20.00	ng	-0.07
21) Naphthalene-d8	10.60	136	309522	20.00	ng	-0.07
39) Acenaphthene-d10	14.46	164	205996	20.00	ng	-0.06
64) Phenanthrene-d10	17.20	188	438539	20.00	ng	-0.06
76) Chrysene-d12	21.44	240	393166	20.00	ng	-0.07
87) Perylene-d12	24.45	264	446732	20.00	ng	-0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.37	112	427428	100.82	ng	-0.07
7) Phenol-d6	6.98	99	589863	101.65	ng	-0.07
23) Nitrobenzene-d5	8.96	82	354843	59.06	ng	-0.07
42) 2,4,6-Tribromophenol	15.95	330	235798	80.73	ng	-0.06
45) 2-Fluorobiphenyl	13.08	172	851314	59.18	ng	-0.06
79) Terphenyl-d14	19.82	244	1202844	57.92	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	13.91	163	61752	3.714	ng	96
71) Phenanthrene	17.24	178	104098	4.288	ng	97
75) Fluoranthene	19.26	202	211457	7.357	ng	98
78) Pyrene	19.62	202	193489	6.779	ng	96
81) Benzo(a)anthracene	21.41	228	112569	4.074	ng	98
83) Chrysene	21.48	228	105121	3.935	ng	96
86) Indeno(1,2,3-cd)pyrene	27.85	276	79757	2.326	ng	# 84
88) Benzo(b)fluoranthene	23.50	252	146581	4.991	ng	98
90) Benzo(a)pyrene	24.30	252	105809	3.834	ng	97
92) Benzo(g,h,i)perylene	28.91	276	82538	3.018	ng	99

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

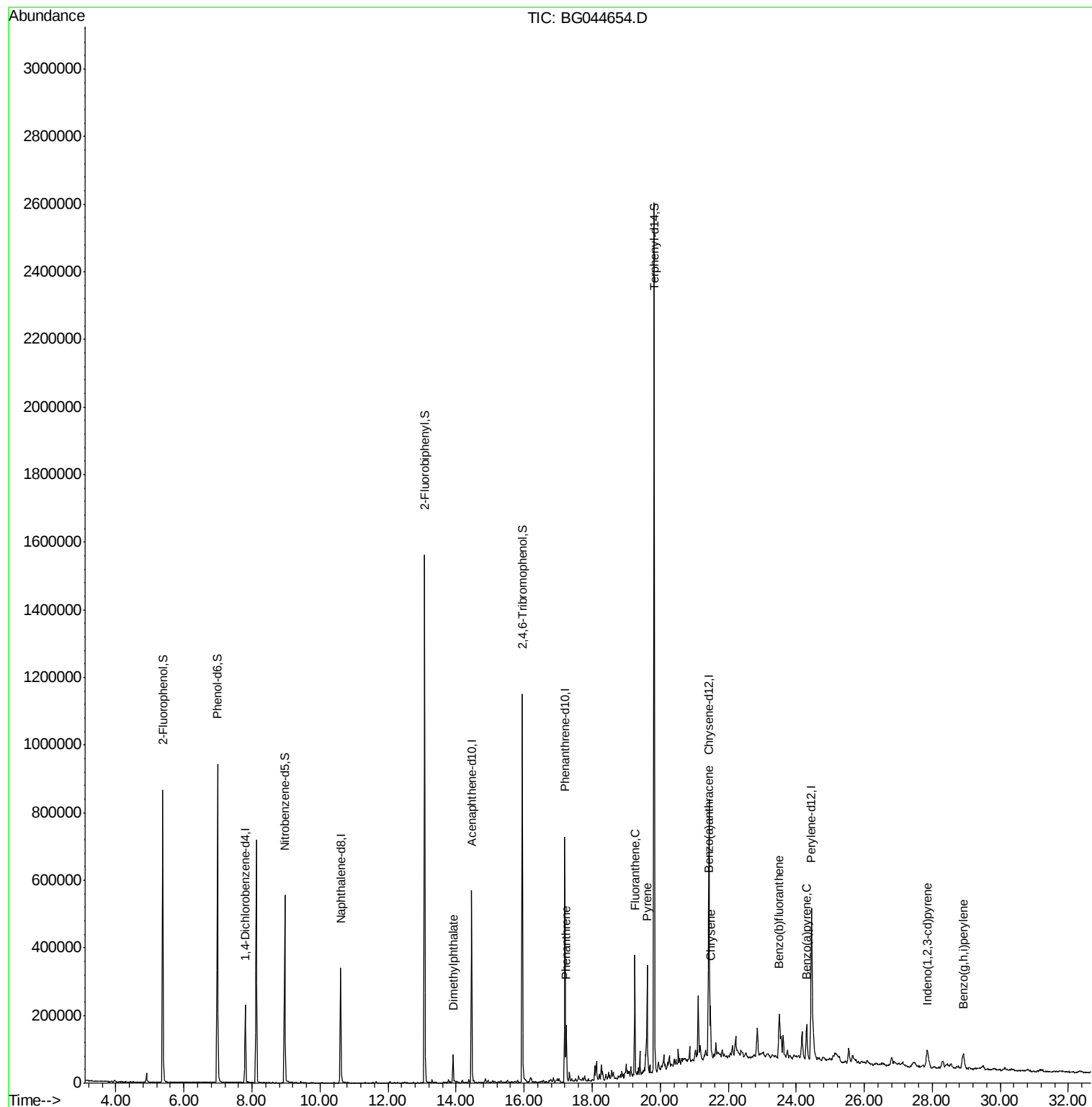
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

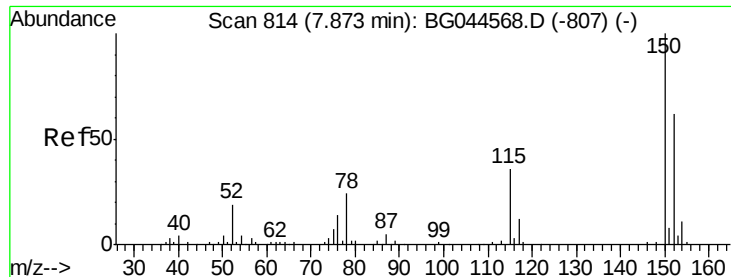
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Mar 03 08:24:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

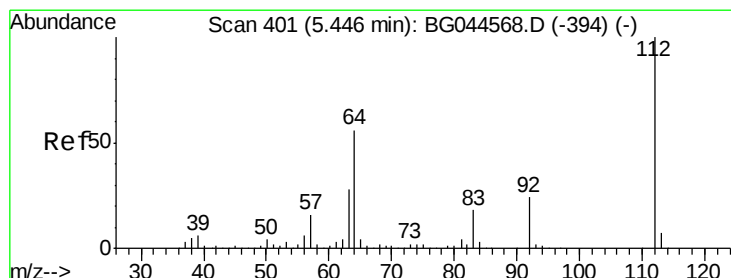
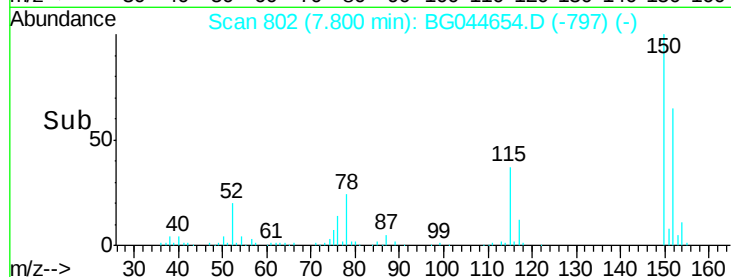
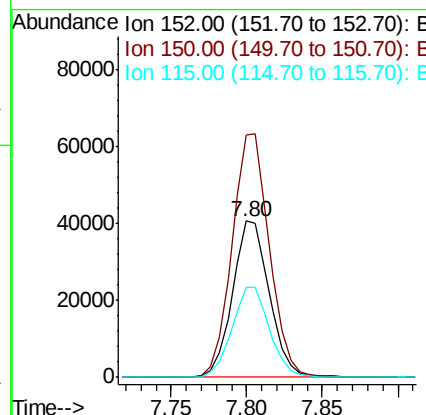
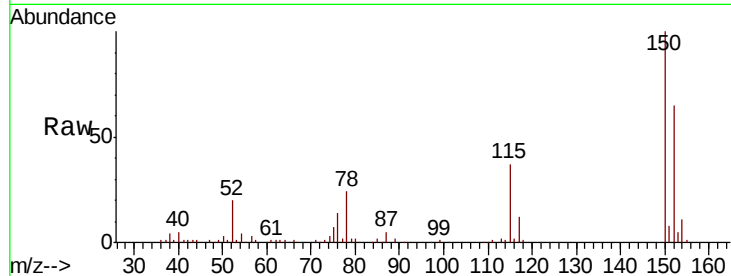
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng/ml
 RT: 7.80 min Scan# 802
 Delta R.T. -0.07 min
 Lab File: BG044654.D
 Acq: 3 Mar 2020 6:21

Instrument :
 BNA_G
 ClientSampled :
 C-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	128.9	193.3
115	57.7	47.0	70.4

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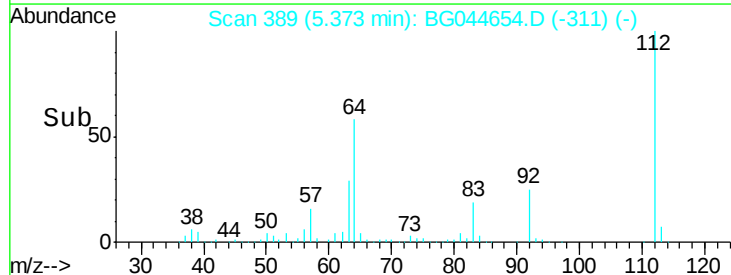
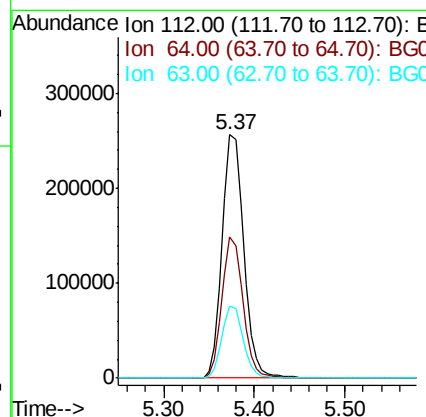
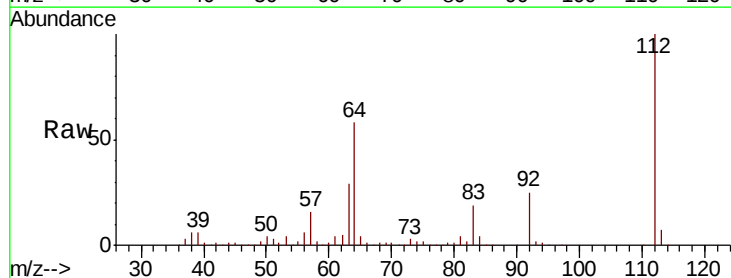
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#5

2-Fluorophenol
 Concen: 100.821 ng/ml
 RT: 5.37 min Scan# 389
 Delta R.T. -0.07 min
 Lab File: BG044654.D
 Acq: 3 Mar 2020 6:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	44.8	67.2
63	29.5	22.3	33.5





#7

Phenol-d6

Concen: 101.647 ng

RT: 6.98 min Scan# 663

Delta R.T. -0.07 min

Lab File: BG044654.D

Acq: 3 Mar 2020 6:21

Instrument :

BNA_G

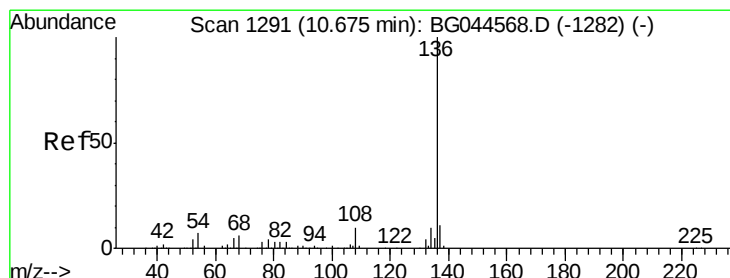
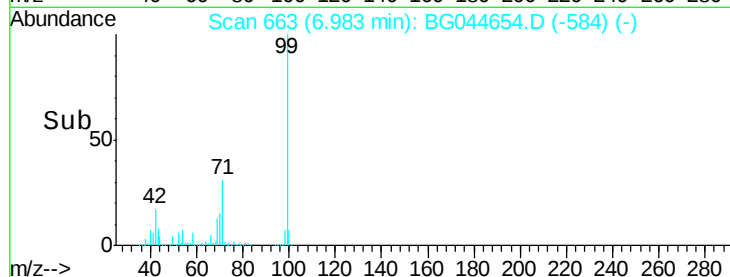
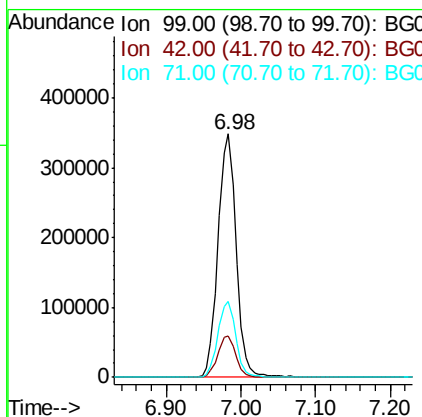
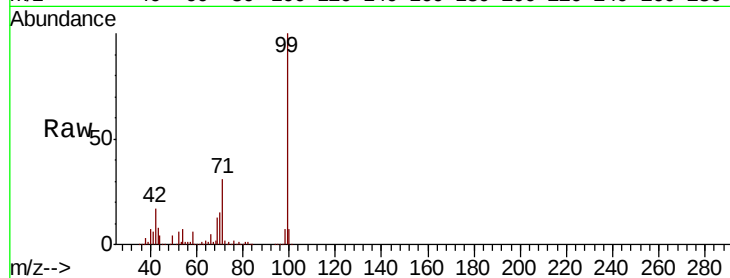
ClientSampleId :

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Tot Ion:	99	Resp:	589863
Ion Ratio	Lower	Upper	
99	100		
42	17.2	12.8	19.2
71	31.0	24.4	36.6

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#21

Naphthalene-d8

Concen: 20.000 ng

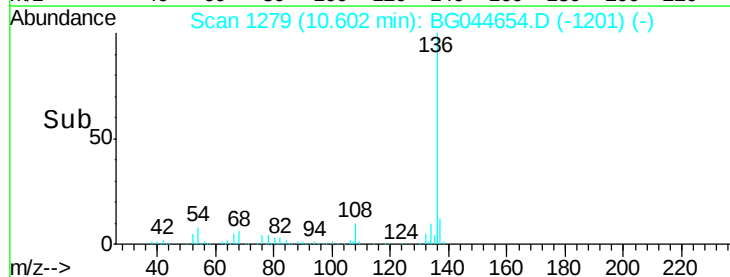
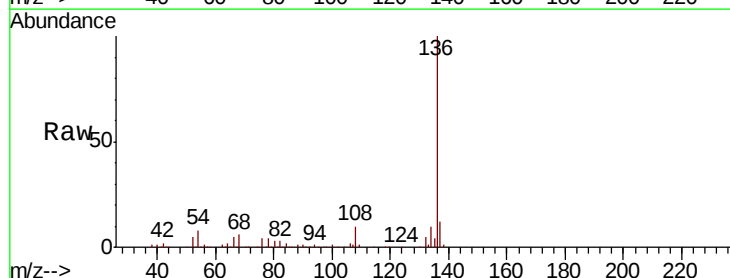
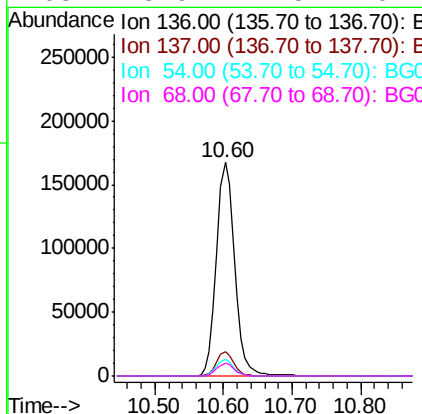
RT: 10.60 min Scan# 1279

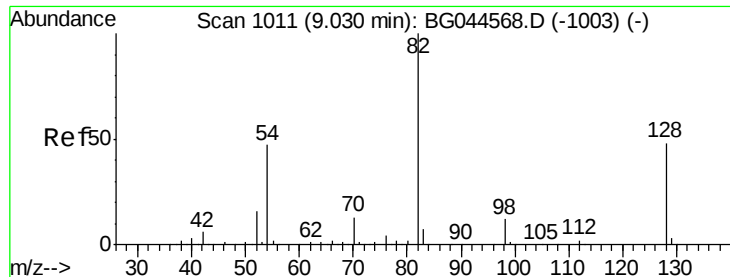
Delta R.T. -0.07 min

Lab File: BG044654.D

Acq: 3 Mar 2020 6:21

Tgt Ion:	136	Resp:	309522
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.8	13.2
54	7.6	5.7	8.5
68	5.9	4.5	6.7





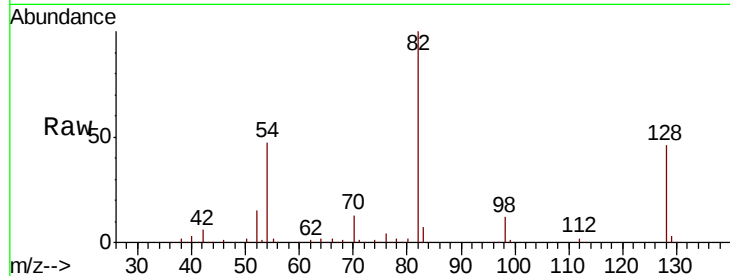
#23
Nitrobenzene-d5
Concen: 59.062 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.07 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

Instrument :
BNA_G
ClientSampled :
C-7

Tot Ion	Ratio	Resp	Lower	Upper
82	100	354843		
128	46.5		38.1	57.1
54	46.8		37.5	56.3

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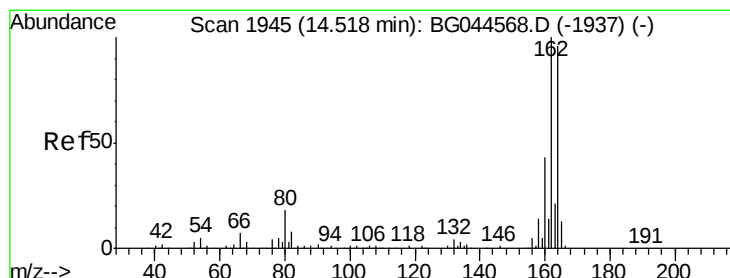
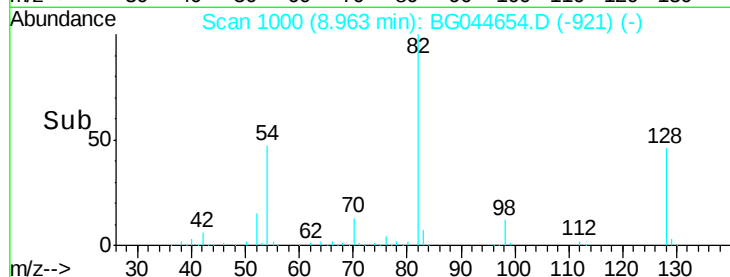
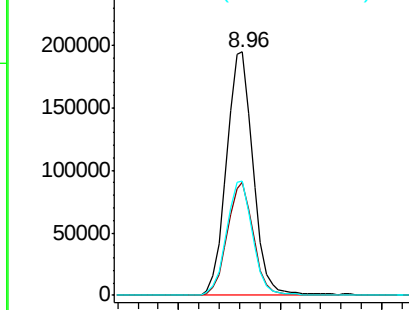


Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1935
Delta R.T. -0.06 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

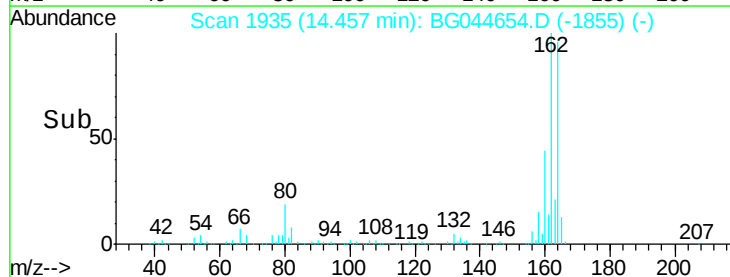
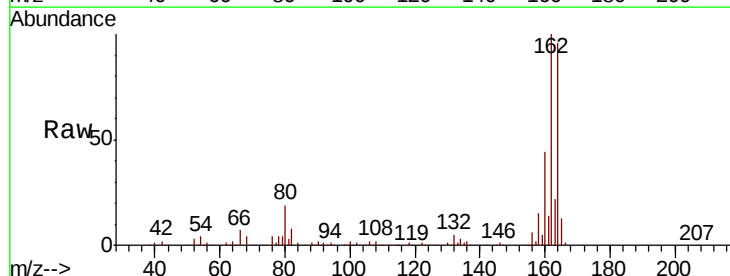
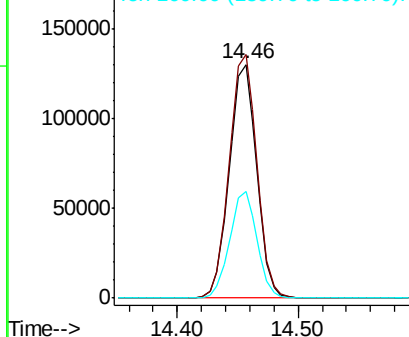
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	205996		
162	104.3		83.6	125.4
160	45.6		36.2	54.4

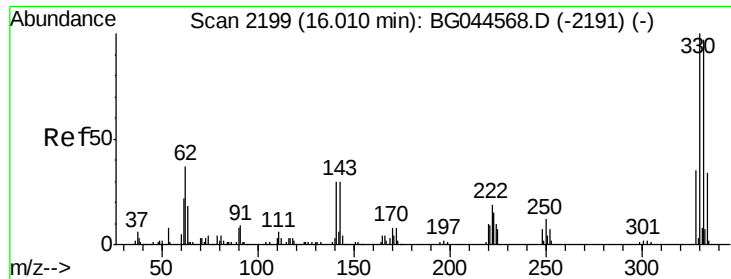
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 80.729 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.06 min

Lab File: BG044654.D

Acq: 3 Mar 2020 6:21

Instrument :

BNA_G

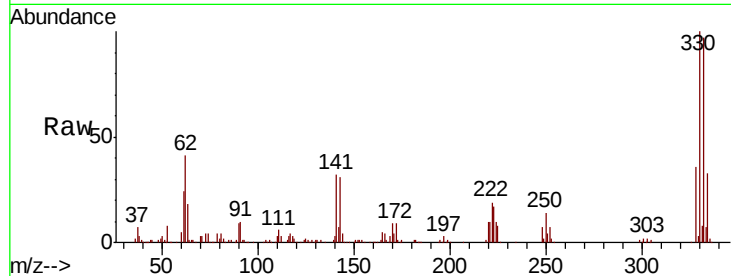
ClientSampleId :

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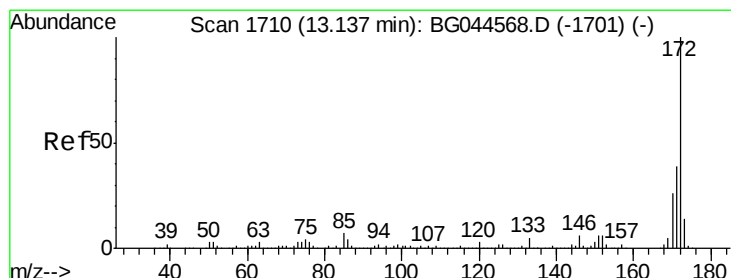
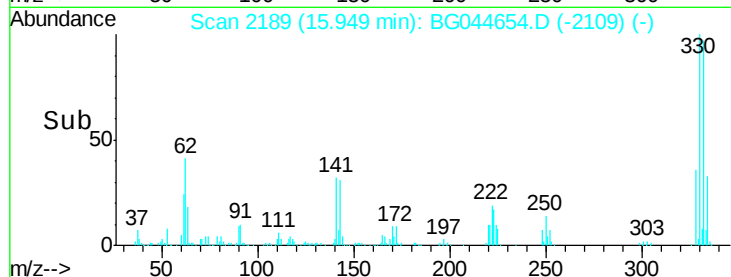
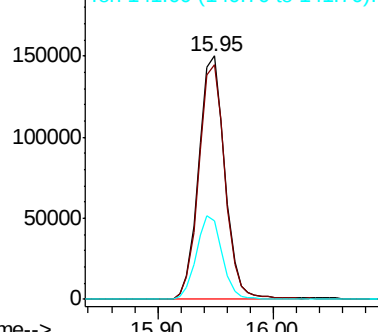
Tot Ion:	330	Resp:	235798
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.4	116.0
141	34.5	26.1	39.1

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 59.179 ng

RT: 13.08 min Scan# 1700

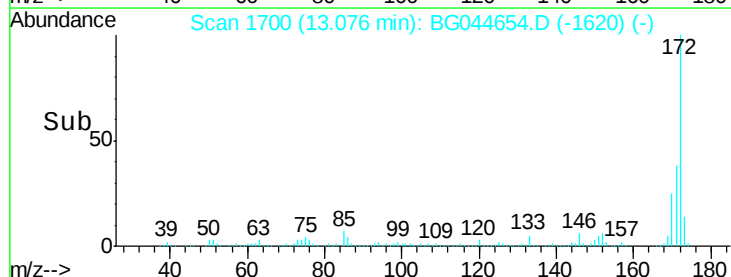
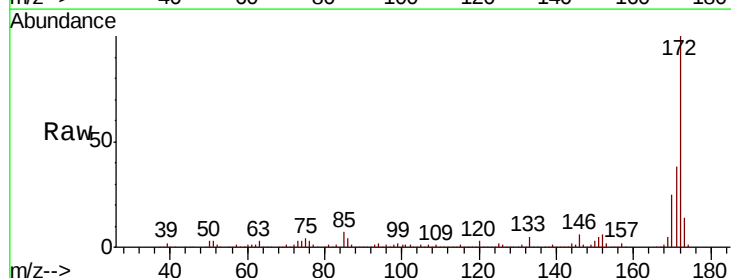
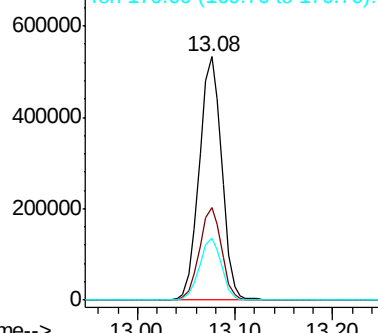
Delta R.T. -0.06 min

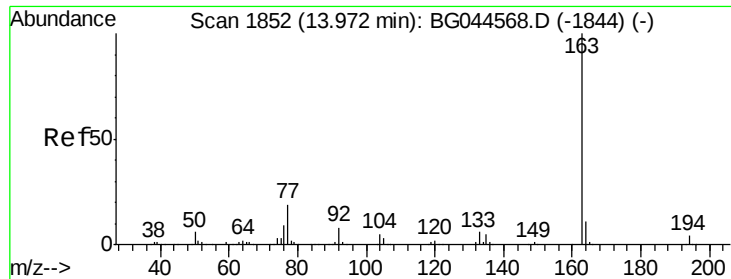
Lab File: BG044654.D

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Tgt Ion:	172	Resp:	851314
Ion Ratio	Lower	Upper	
172	100		
171	38.3	31.3	46.9
170	25.2	21.0	31.4

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





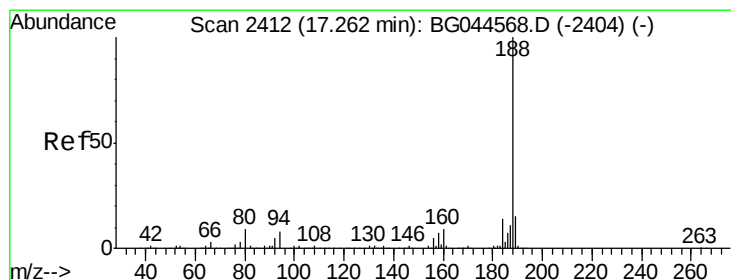
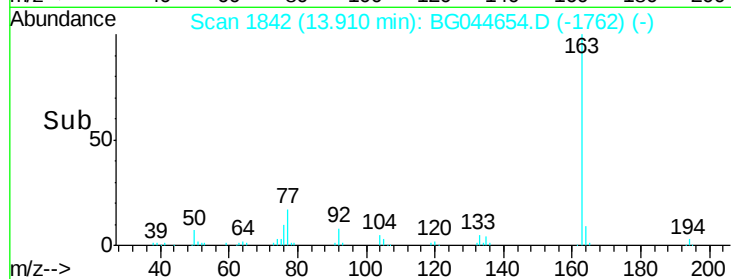
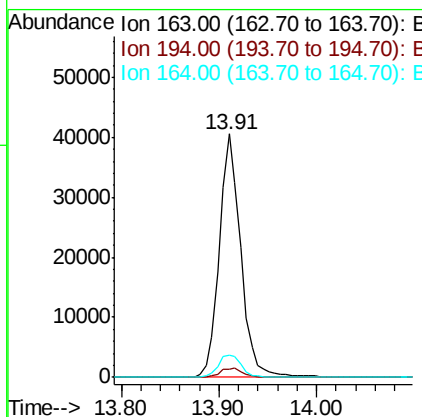
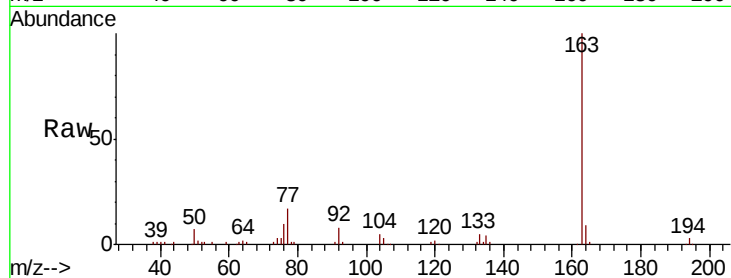
#50
Dimethylphthalate
Concen: 3.714 ng
RT: 13.91 min Scan# 1842
Delta R.T. -0.06 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

Instrument :
BNA_G
ClientSampled :
C-7

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.0
164	9.1	8.7	13.1

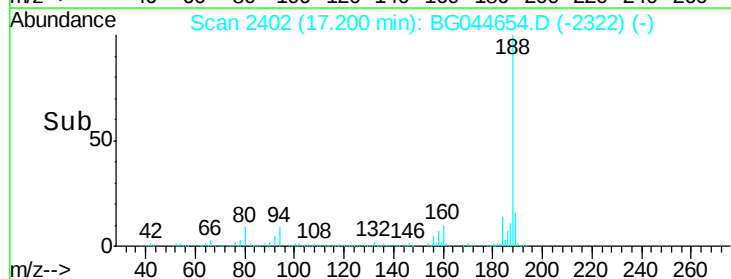
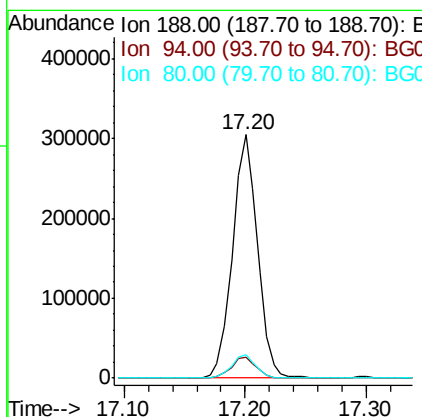
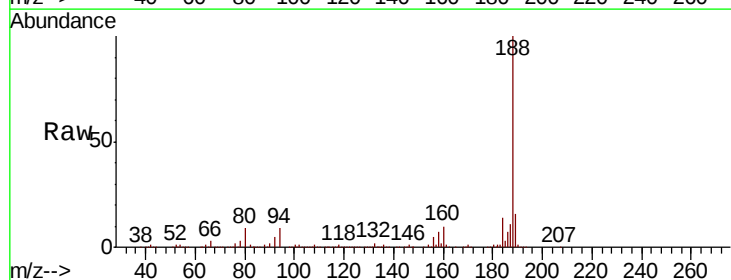
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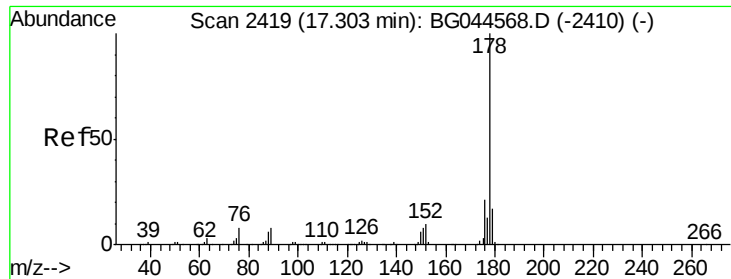
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2402
Delta R.T. -0.06 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.7	10.1
80	9.4	7.6	11.4





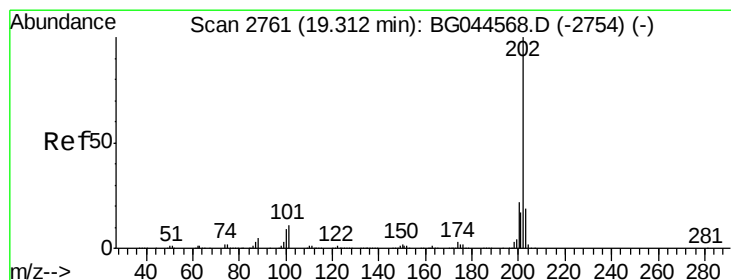
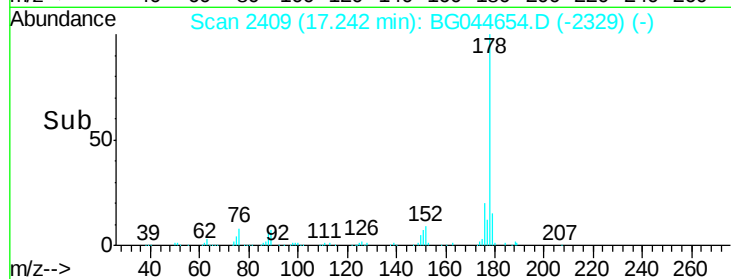
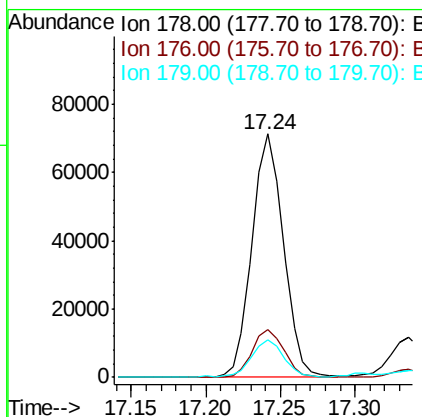
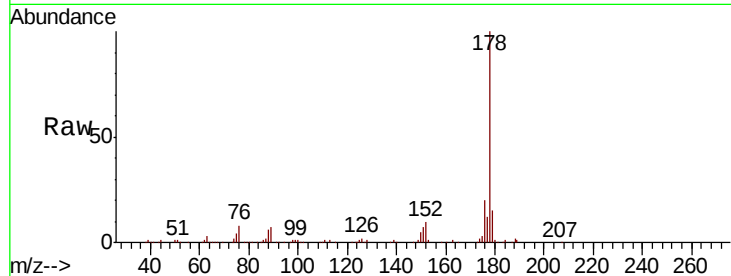
#71
Phenanthrene
Concen: 4.288 ng
RT: 17.24 min Scan# 2409
Delta R.T. -0.06 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

Instrument :
BNA_G
ClientSampled :
C-7

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	15.3	13.3	19.9

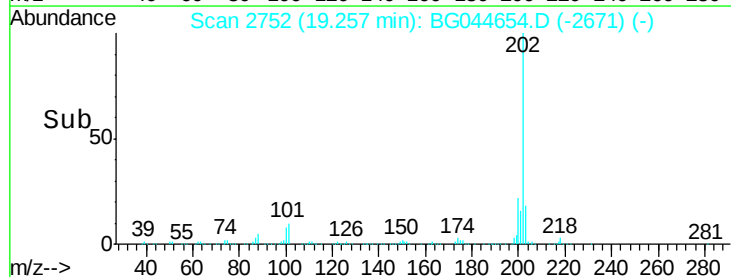
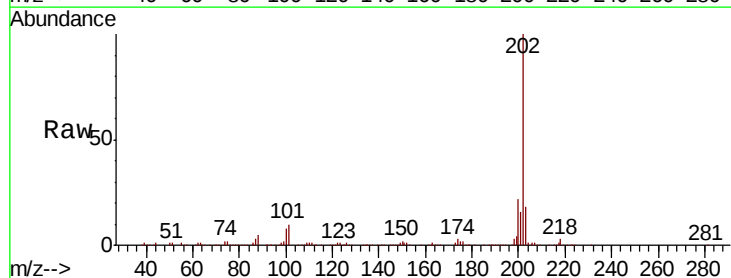
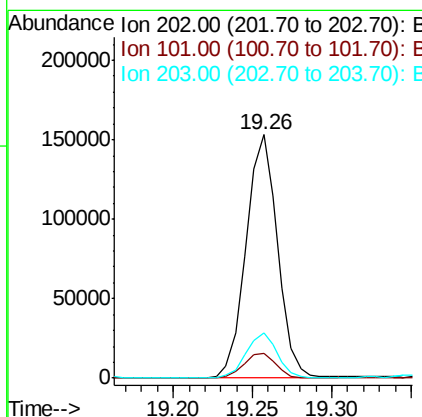
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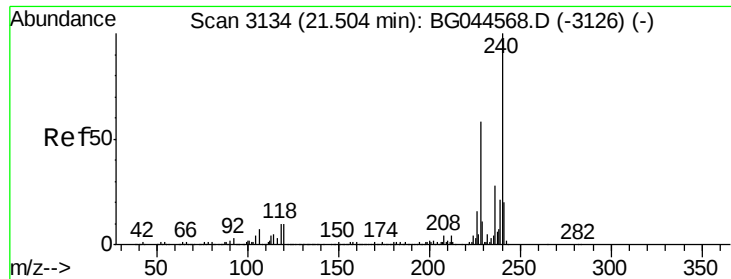
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#75
Fluoranthene
Concen: 7.357 ng
RT: 19.26 min Scan# 2752
Delta R.T. -0.06 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.0
203	18.4	0.0	39.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.07 min

Lab File: BG044654.D

Acq: 3 Mar 2020 6:21

Instrument :

BNA_G

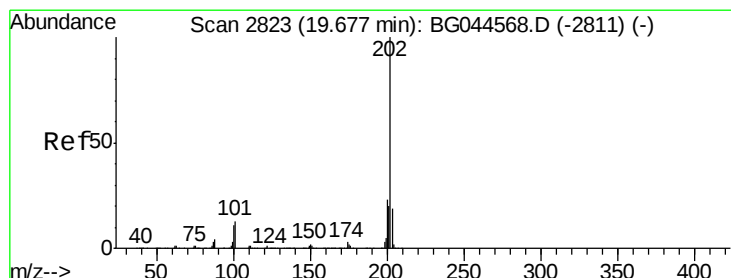
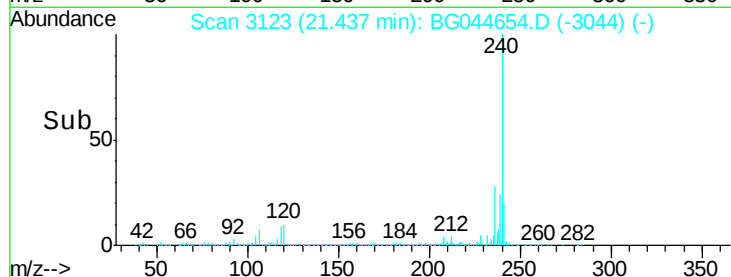
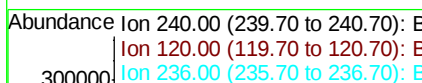
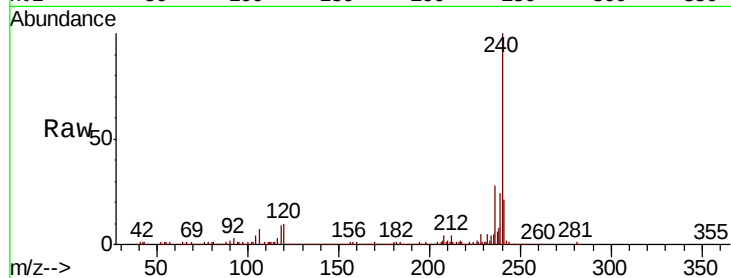
ClientSampleId :

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Tot Ion:	240	Resp:	393166
Ion Ratio	Lower	Upper	
240	100		
120	9.5	8.3	12.5
236	27.6	22.3	33.5

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#78

Pyrene

Concen: 6.779 ng

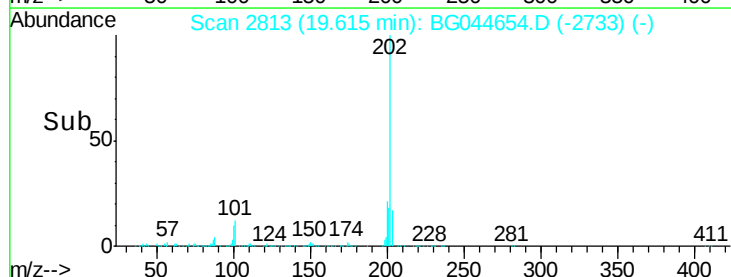
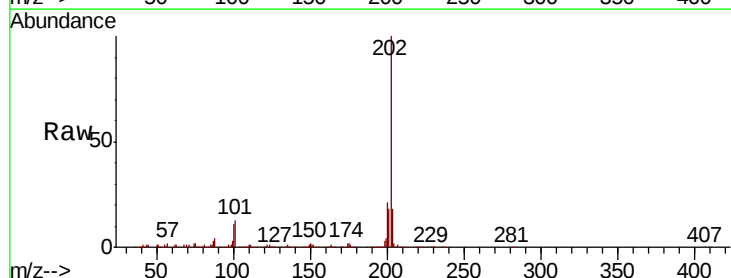
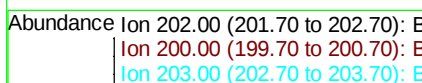
RT: 19.62 min Scan# 2813

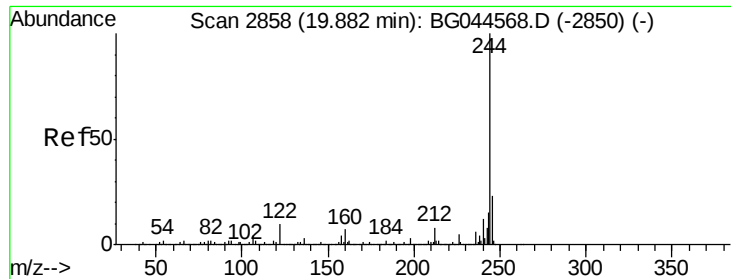
Delta R.T. -0.06 min

Lab File: BG044654.D

Acq: 3 Mar 2020 6:21

Tgt Ion:	202	Resp:	193489
Ion Ratio	Lower	Upper	
202	100		
200	21.2	18.6	28.0
203	17.7	15.3	22.9





#79

Terphenyl-d14

Concen: 57.916 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.06 min

Lab File: BG044654.D

Acq: 3 Mar 2020 6:21

Instrument :

BNA_G

ClientSampleId :

C-7

Tot Ion:244 Resp: 1202844

Ion Ratio Lower Upper

244 100

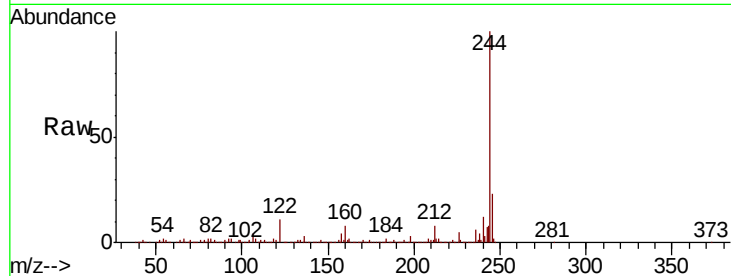
212 8.0 6.5 9.7

122 11.2 8.2 12.4

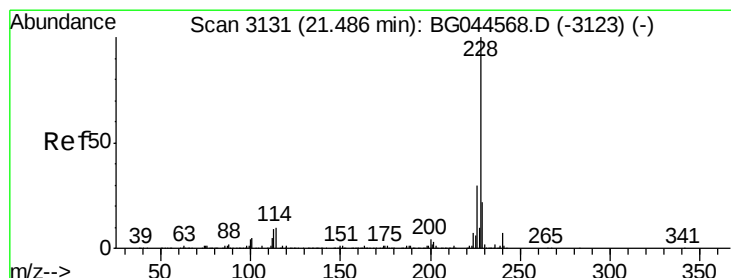
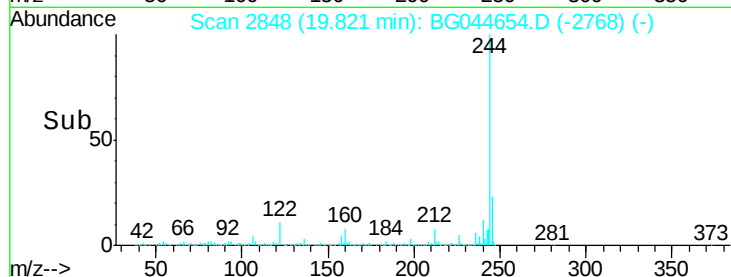
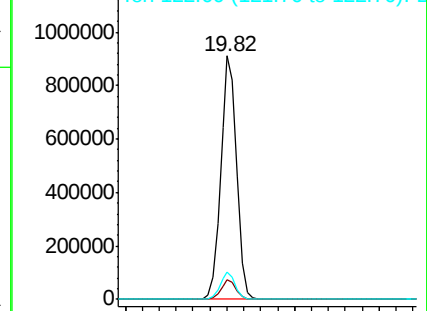
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.074 ng

RT: 21.41 min Scan# 3119

Delta R.T. -0.07 min

Lab File: BG044654.D

Acq: 3 Mar 2020 6:21

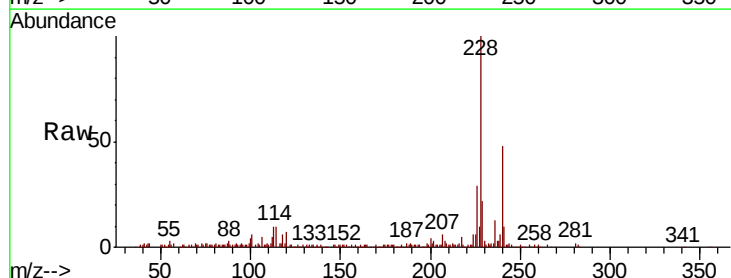
Tgt Ion:228 Resp: 112569

Ion Ratio Lower Upper

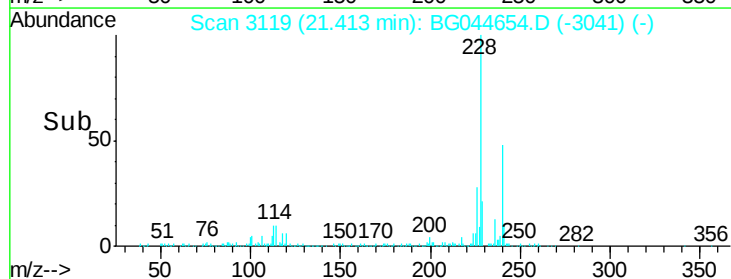
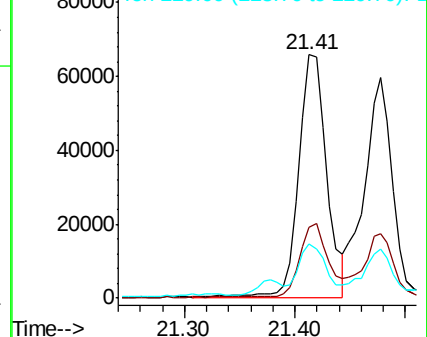
228 100

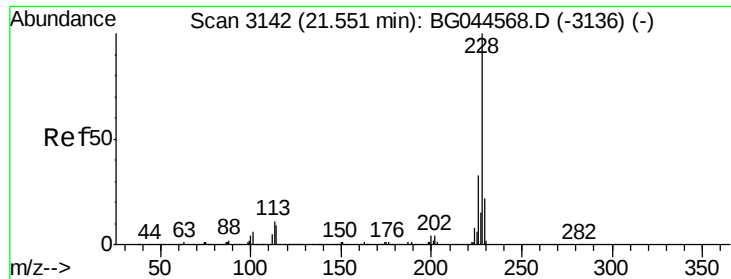
226 29.1 23.8 35.8

229 22.5 17.2 25.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





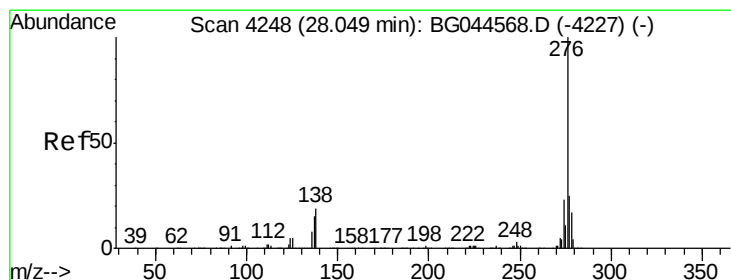
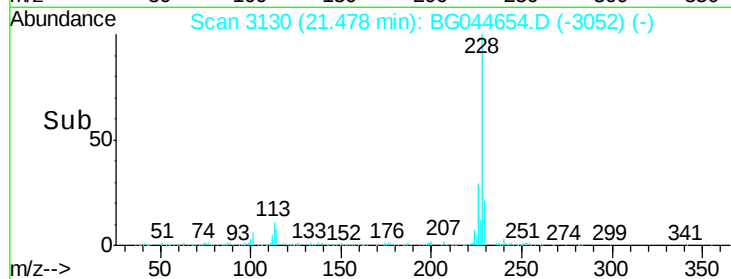
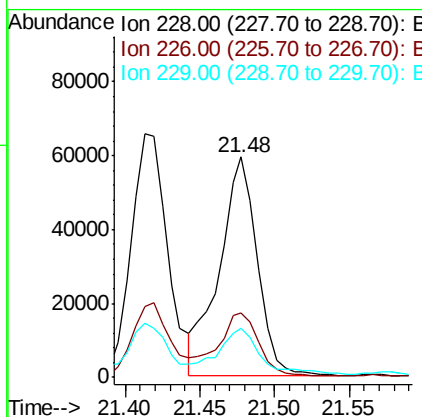
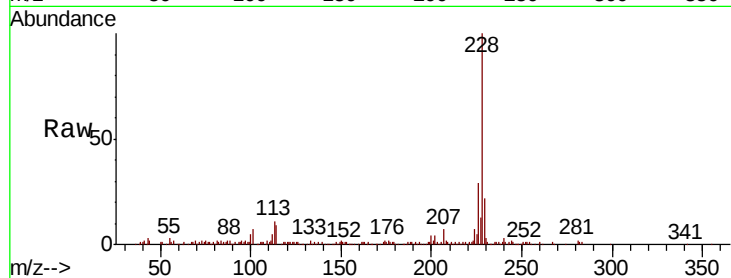
#83
Chrysene
Concen: 3.935 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.07 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

Instrument :
BNA_G
ClientSampleId :
C-7

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	26.1	39.1
229	22.1	17.2	25.8

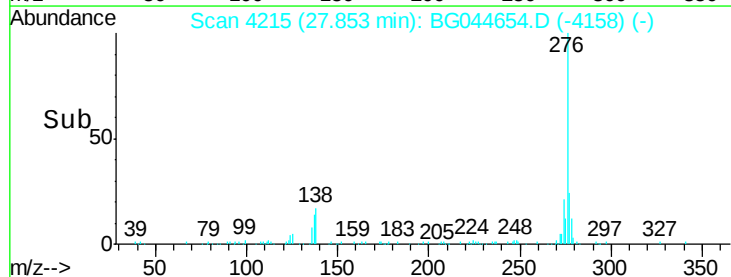
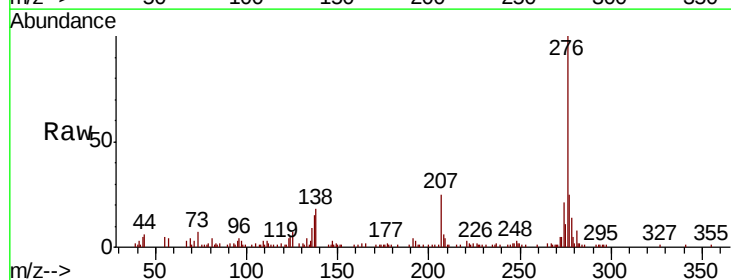
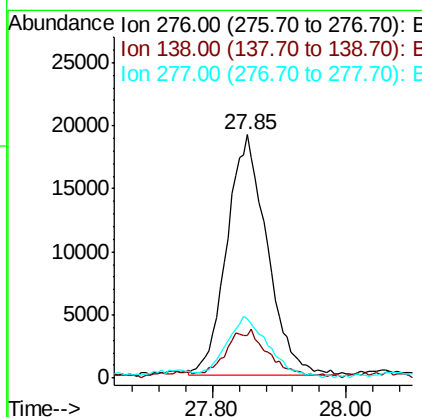
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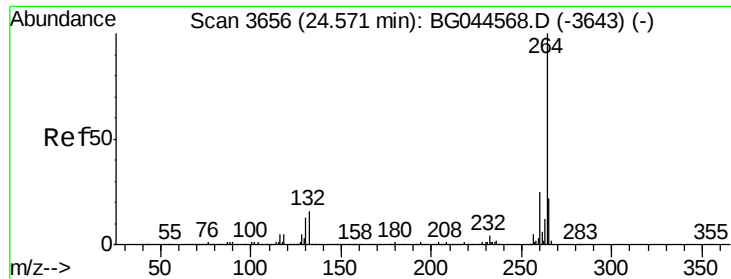
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.326 ng
RT: 27.85 min Scan# 4215
Delta R.T. -0.20 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.8	18.2	27.4#
277	27.2	20.7	31.1





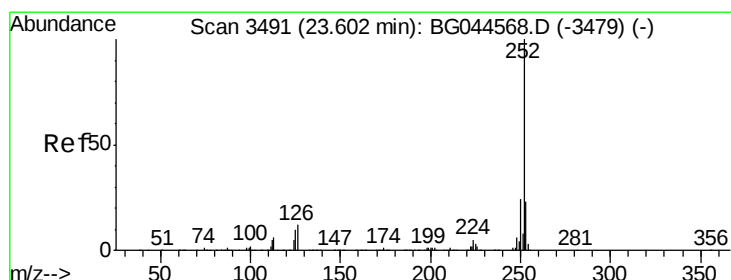
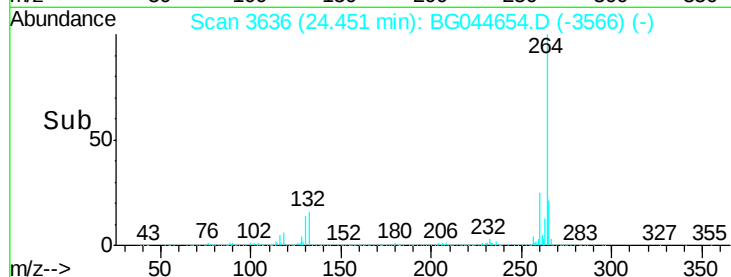
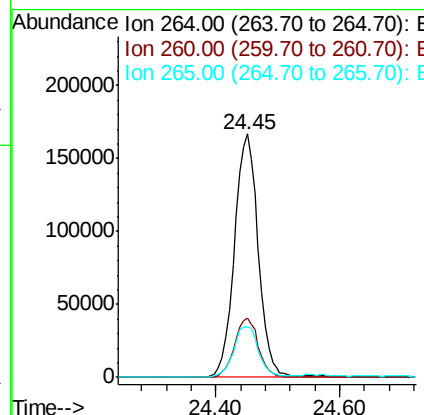
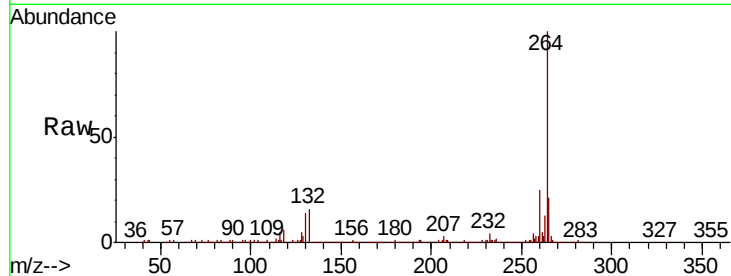
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.45 min Scan# 3636
Delta R.T. -0.12 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

Instrument :
BNA_G
ClientSampleId :
C-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	20.8	17.8	26.8

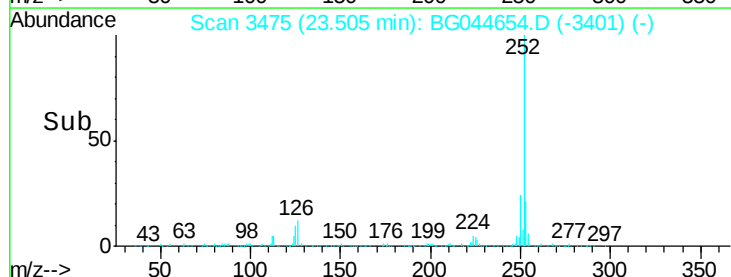
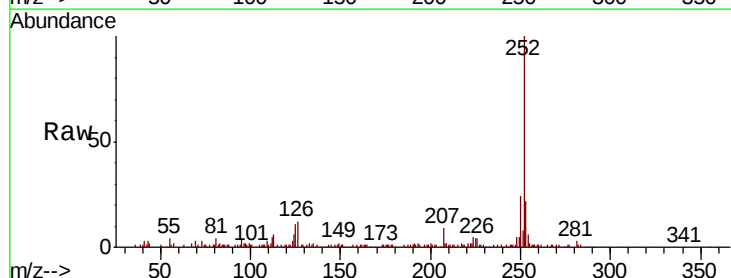
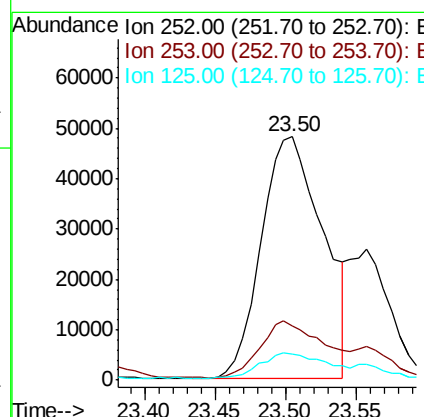
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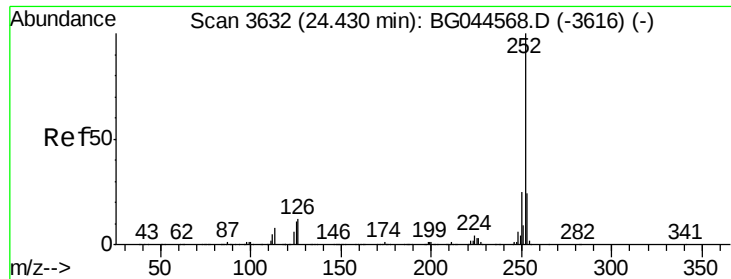
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#88
Benzo(b)fluoranthene
Concen: 4.991 ng
RT: 23.50 min Scan# 3475
Delta R.T. -0.10 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	10.7	7.9	11.9





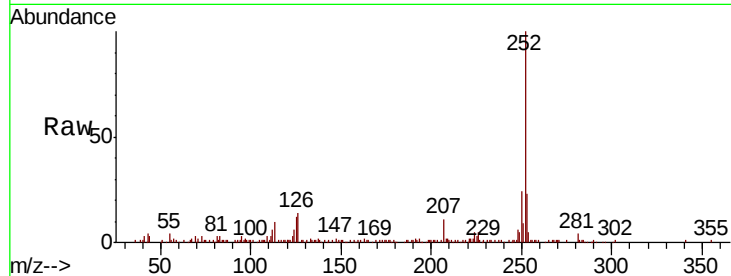
#90
Benzo(a)pyrene
Concen: 3.834 ng
RT: 24.30 min Scan# 3611
Delta R.T. -0.13 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

Instrument :
BNA_G
ClientSampleId :
C-7

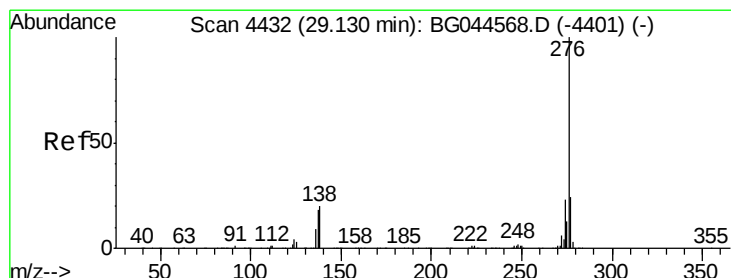
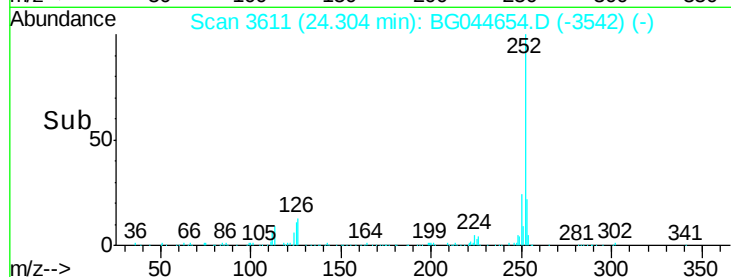
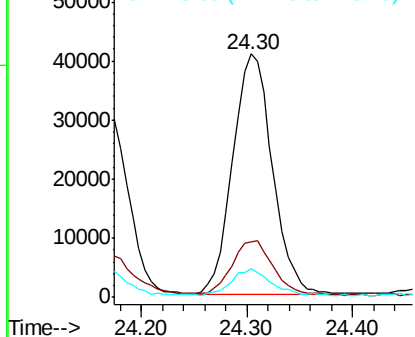
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.0	28.4
125	11.9	8.5	12.7

Manual Integrations
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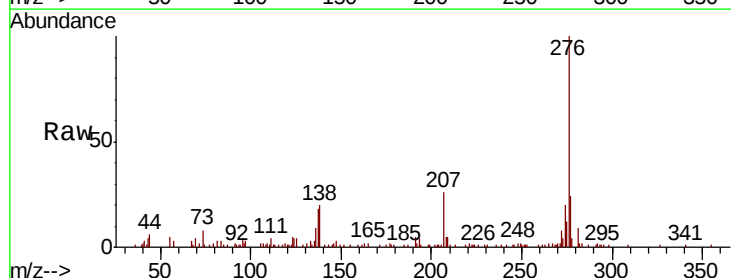


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.018 ng
RT: 28.91 min Scan# 4395
Delta R.T. -0.22 min
Lab File: BG044654.D
Acq: 3 Mar 2020 6:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	19.7	16.1	24.1



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

