

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042550.D
 Acq On : 29 Aug 2019 2:40
 Operator : HP/JU
 Sample : K4575-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S701B-N-0.0-0.5-082719

Manual Integrations
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 8/29/2019 7:48:34 PM

Quant Time: Aug 29 07:57:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	35229	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	137299	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	108367	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	276219	20.00	ng	0.00
76) Chrysene-d12	21.68	240	306021	20.00	ng	-0.01
87) Perylene-d12	24.93	264	363241	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	161201	92.67	ng	0.00
7) Phenol-d6	7.16	99	216027	91.94	ng	-0.01
23) Nitrobenzene-d5	9.16	82	120046	60.42	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	158916	103.17	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	367636	57.38	ng	0.00
79) Terphenyl-d14	20.02	244	721014	50.94	ng	0.00
Target Compounds						
10) Phenol	7.19	94	12185	5.101	ng	78
50) Dimethylphthalate	14.11	163	35605	4.554	ng	98
71) Phenanthrene	17.45	178	28498	2.077	ng	98
75) Fluoranthene	19.46	202	97682	5.834	ng	94
78) Pyrene	19.83	202	81496	4.344	ng	97
81) Benzo(a)anthracene	21.67	228	42506	2.283	ng	98
83) Chrysene	21.73	228	51842	2.888	ng	100
88) Benzo(b)fluoranthene	23.89	252	82765	4.145	ng	# 96
90) Benzo(a)pyrene	24.77	252	52928	2.793	ng	99
92) Benzo(g,h,i)perylene	29.77	276	46759m	2.437	ng	

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

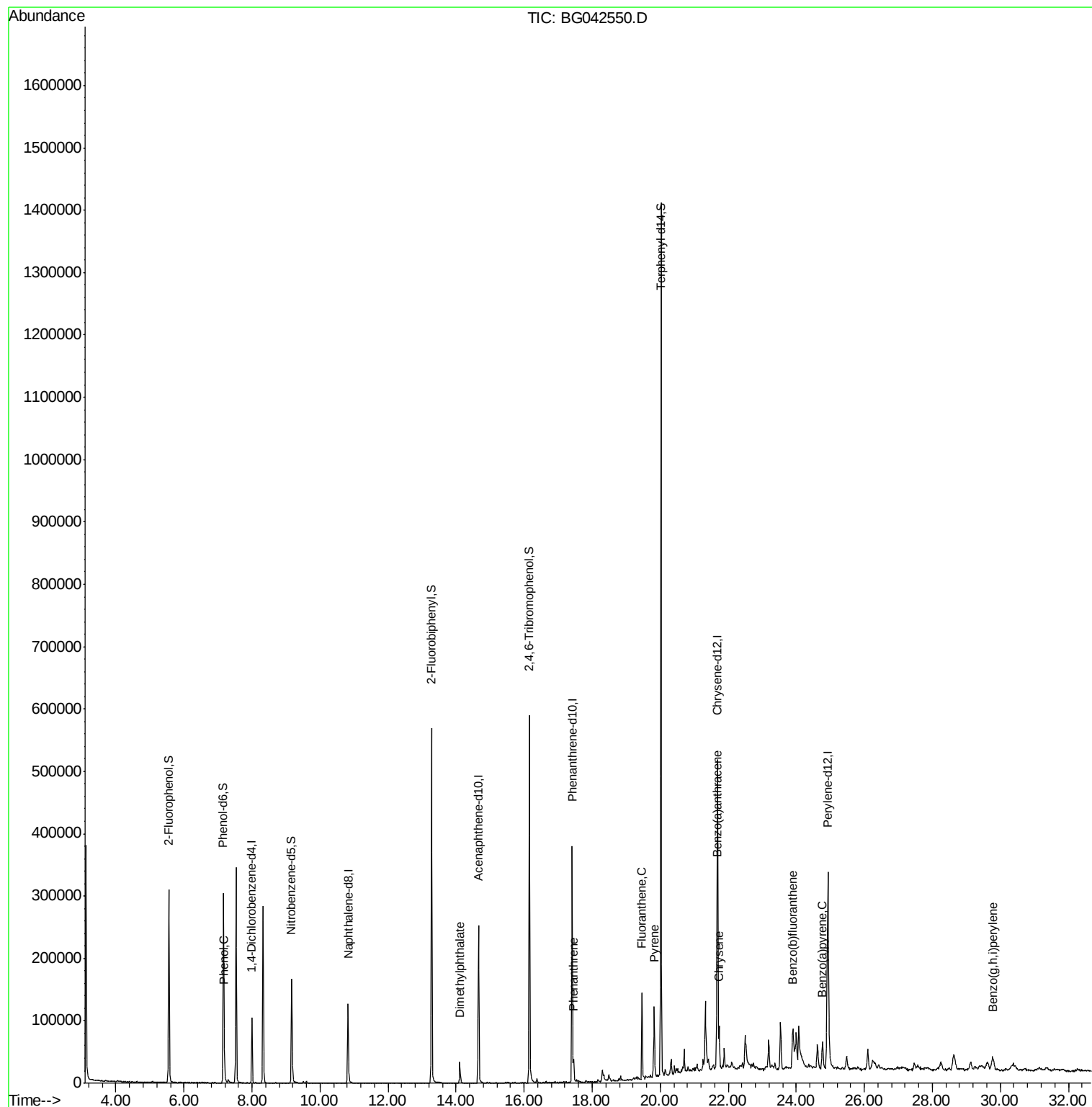
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042550.D
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Operator : HP/JU
Sample : K4575-04
Misc :
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Instrument :
BNA_G
ClientSampleId :
S701B-N-0.0-0.5-082719

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#1

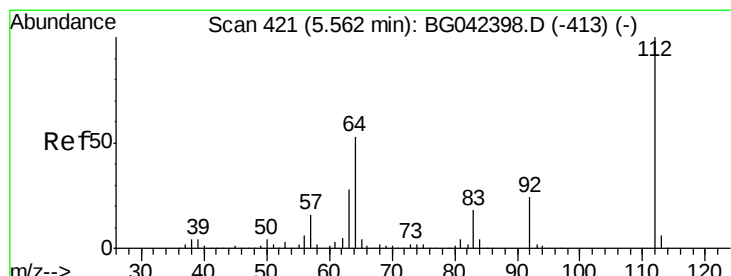
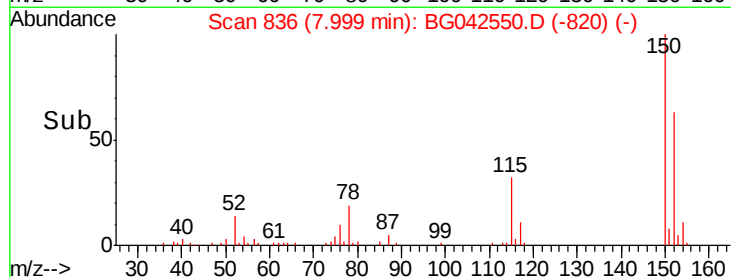
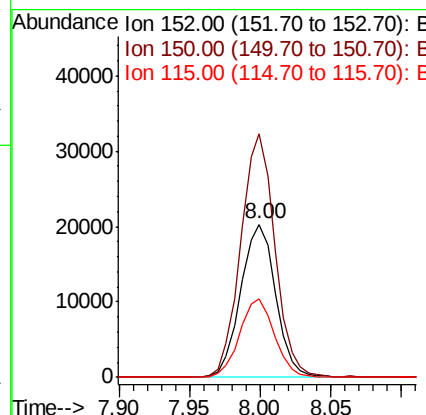
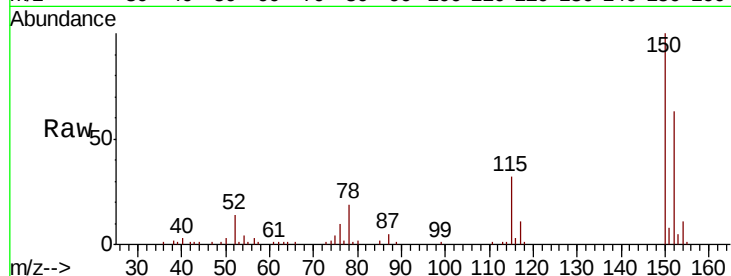
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG042550.D
 Acq: 29 Aug 2019 2:40

Instrument :
 BNA_G
 ClientSampleId :
 S701B-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.4	188.0
115	51.4	38.5	57.7

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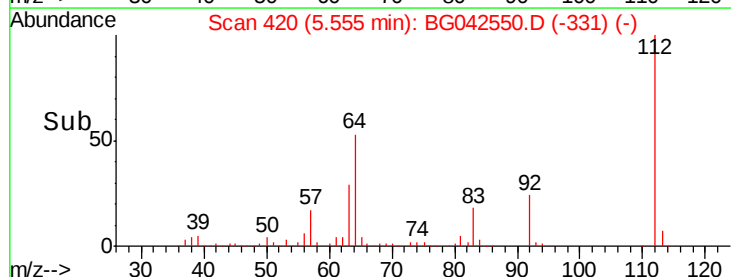
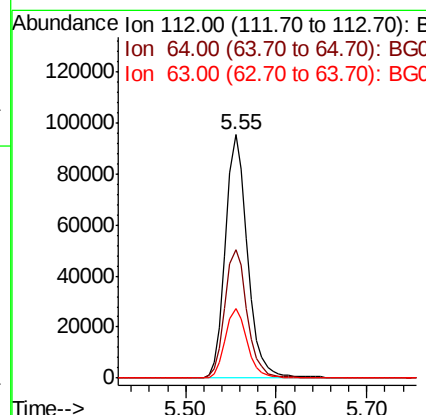
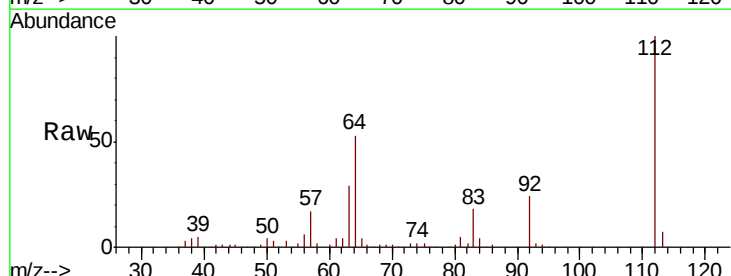
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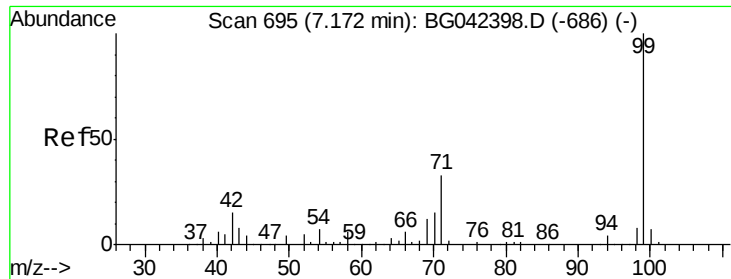


#5

2-Fluorophenol
 Concen: 92.673 ng
 RT: 5.55 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: BG042550.D
 Acq: 29 Aug 2019 2:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.8	64.2
63	28.8	22.7	34.1





#7

Phenol-d6

Concen: 91.942 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042550.D

Acq: 29 Aug 2019 2:40

Instrument :

BNA_G

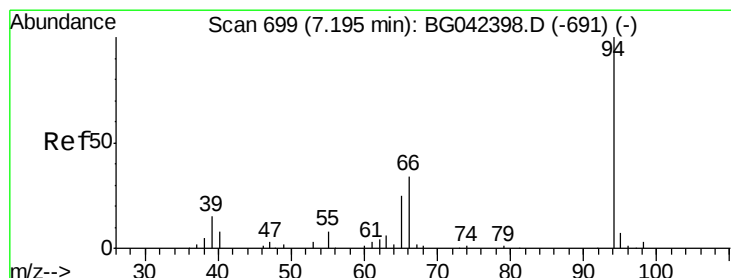
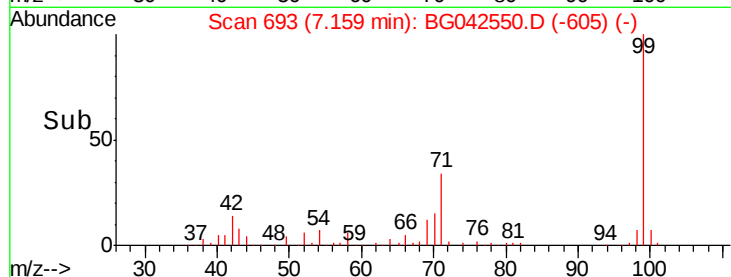
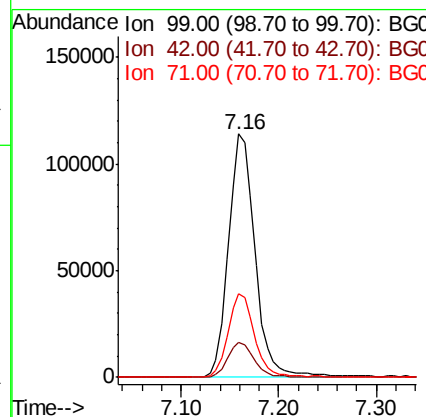
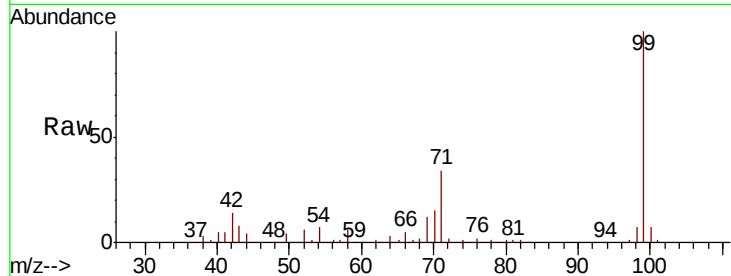
ClientSampleId :

S701B-N-0.0-0.5-082719

Tot Ion:	99	Resp:	216027
Ion Ratio	Lower	Upper	
99	100		
42	14.3	12.0	18.0
71	34.2	26.3	39.5

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#10

Phenol

Concen: 5.101 ng

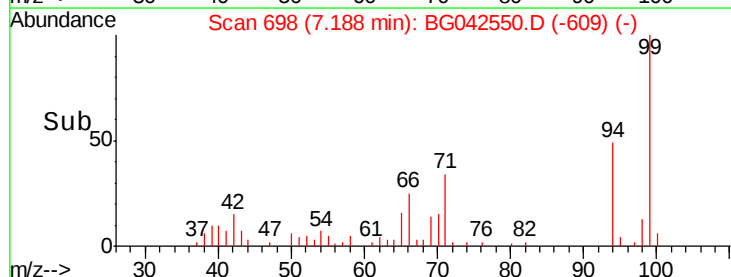
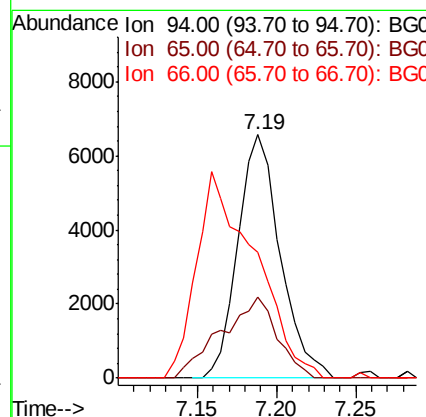
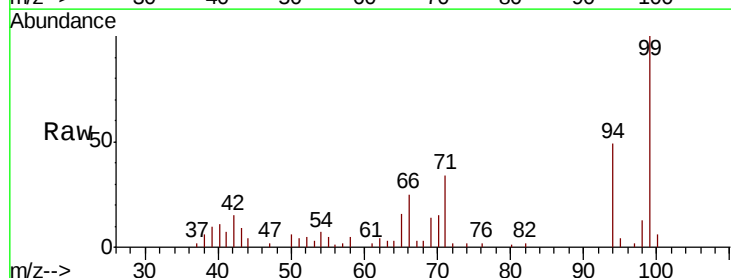
RT: 7.19 min Scan# 698

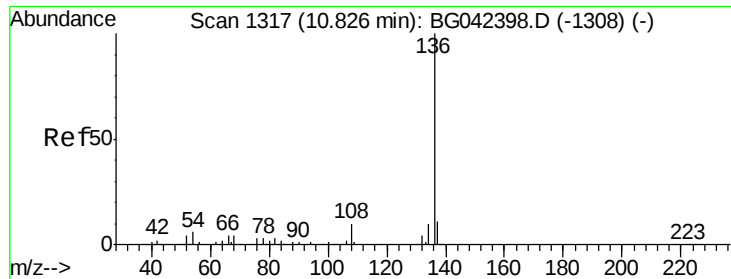
Delta R.T. -0.01 min

Lab File: BG042550.D

Acq: 29 Aug 2019 2:40

Tgt Ion:	94	Resp:	12185
Ion Ratio	Lower	Upper	
94	100		
65	33.2	5.6	45.6
66	51.6	16.0	56.0





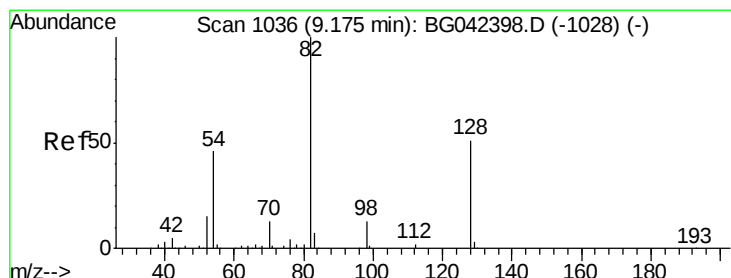
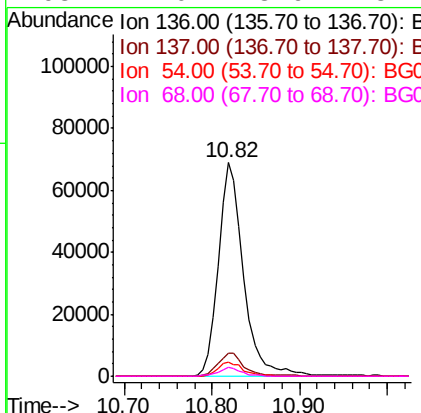
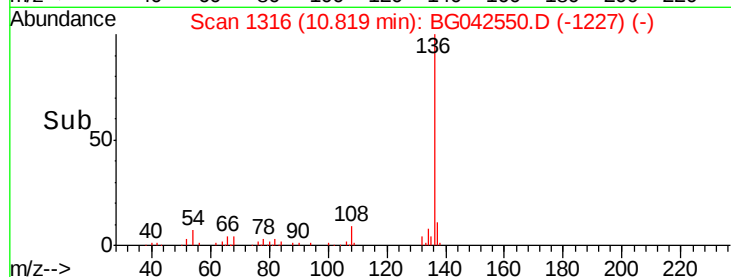
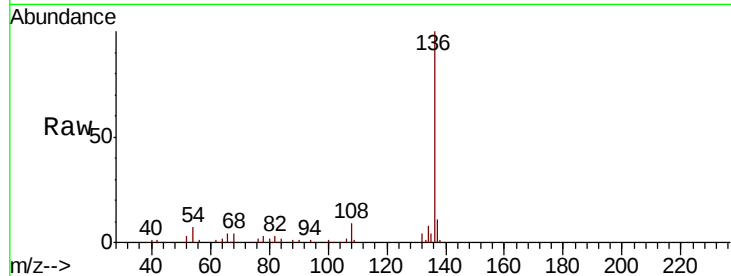
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Instrument :
BNA_G
ClientSampleId :
S701B-N-0.0-0.5-082719

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.1	8.7	13.1		
54	6.7	4.9	7.3		
68	4.0	3.6	5.4		

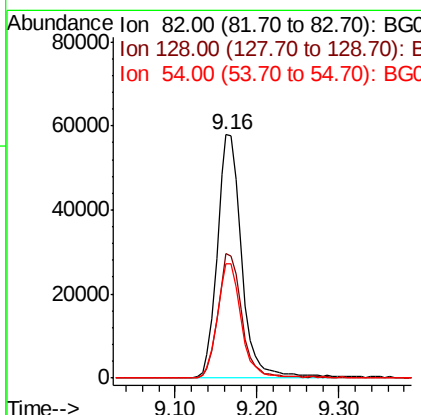
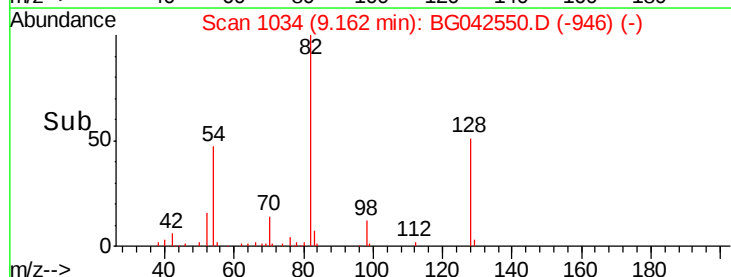
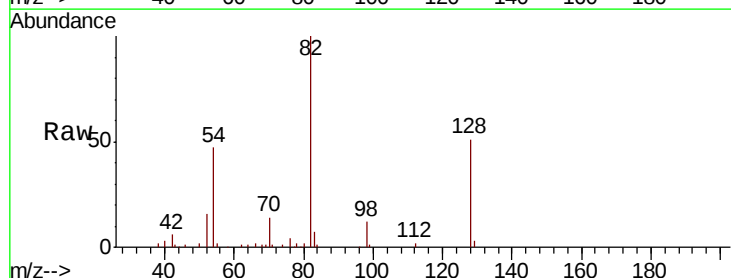
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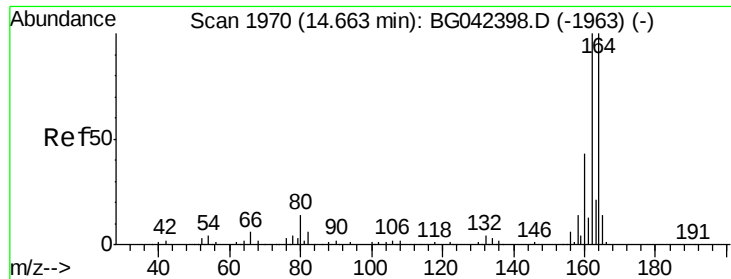
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#23
Nitrobenzene-d5
Concen: 60.420 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	51.1	40.7	61.1		
54	47.0	36.3	54.5		





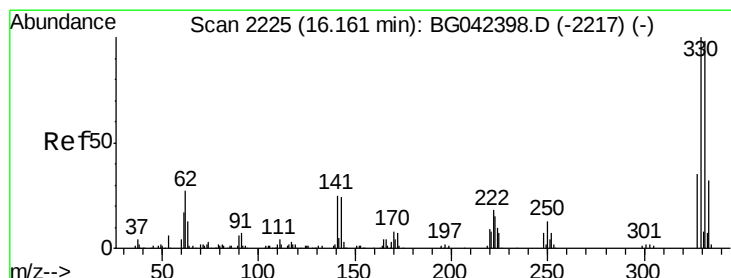
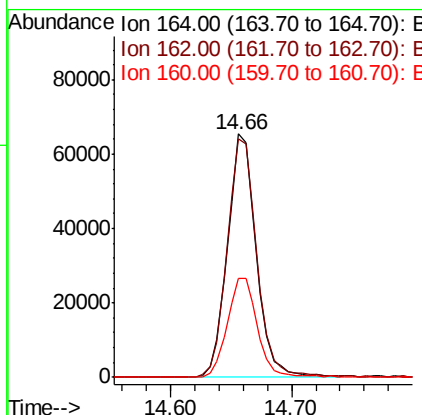
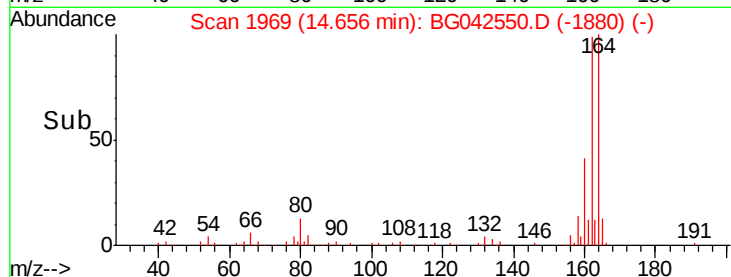
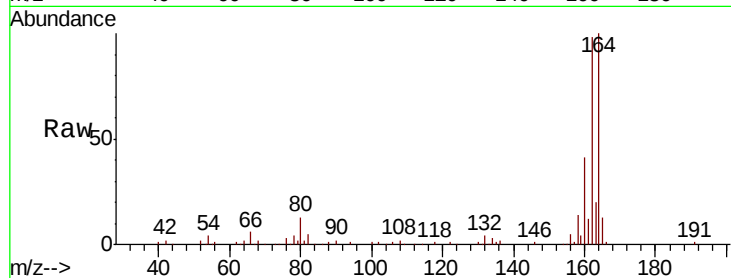
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Instrument :
BNA_G
ClientSampleId :
S701B-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.9	119.9
160	40.8	34.3	51.5

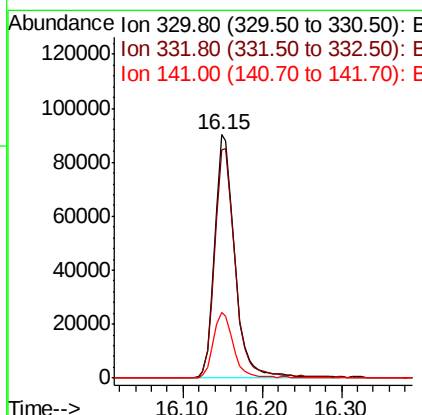
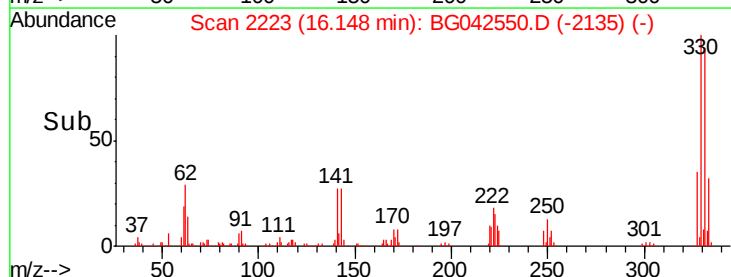
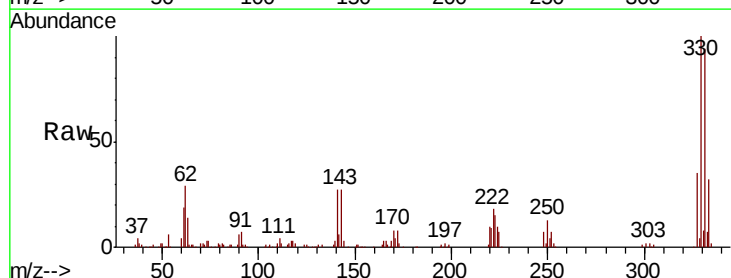
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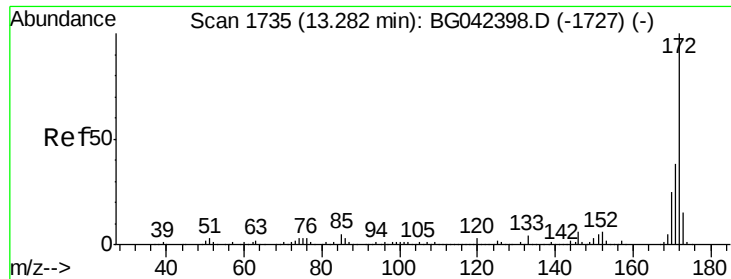
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#42
2,4,6-Tribromophenol
Concen: 103.175 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.0
141	26.9	21.4	32.0





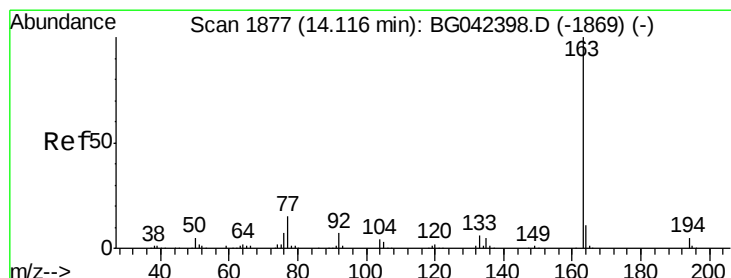
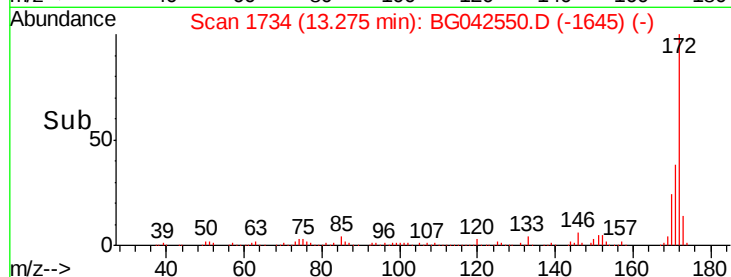
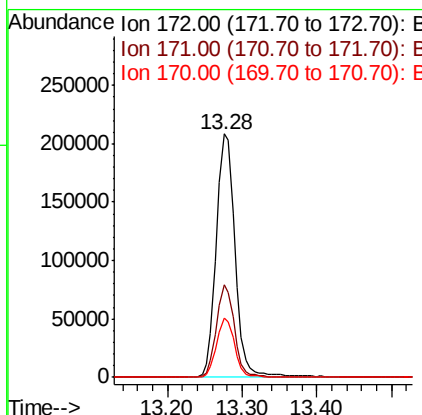
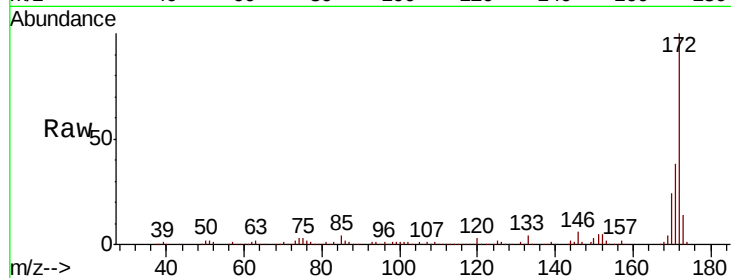
#45
2-Fluorobiphenyl
Concen: 57.377 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Instrument :
BNA_G
ClientSampleId :
S701B-N-0.0-0.5-082719

Tot Ion	Ratio	Resp	Lower	Upper
172	100	367636		
171	37.8		30.5	45.7
170	24.4		20.2	30.2

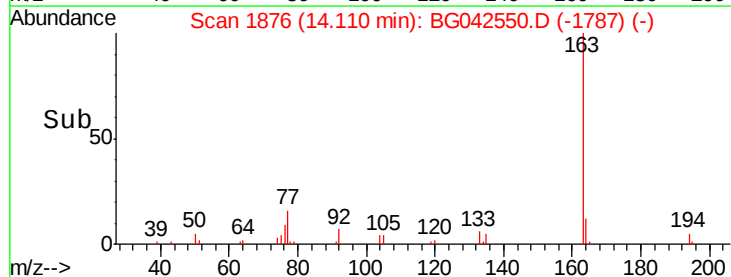
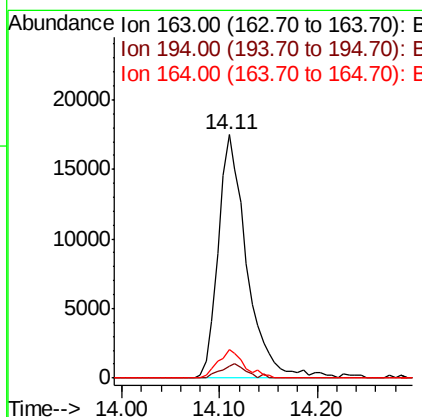
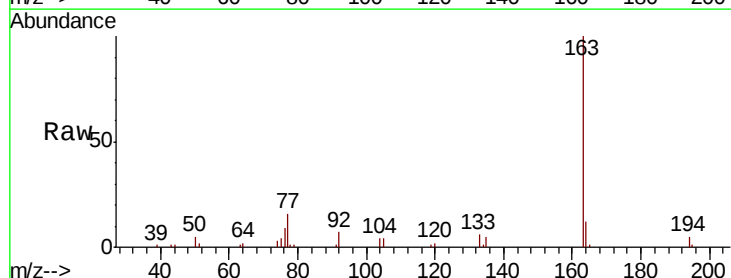
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#50
Dimethylphthalate
Concen: 4.554 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	35605		
194	4.9		4.2	6.2
164	11.7		8.8	13.2





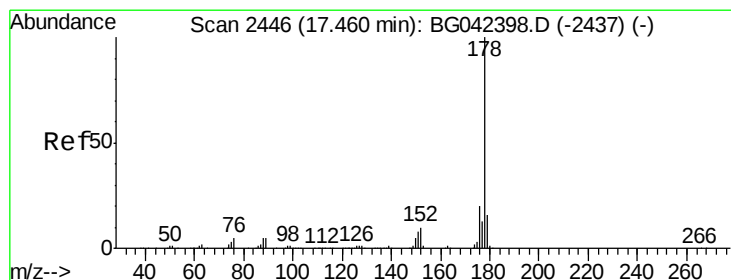
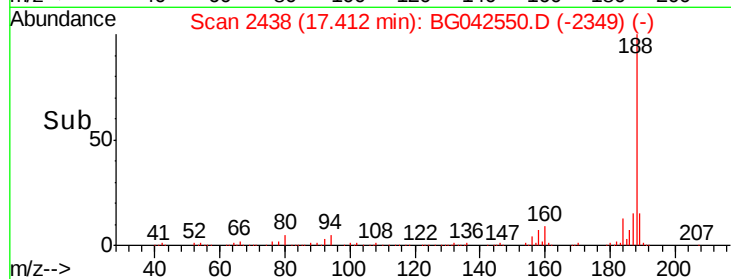
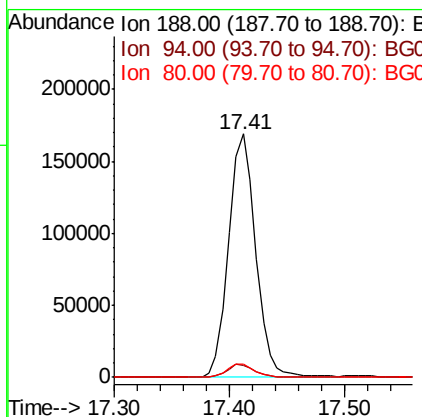
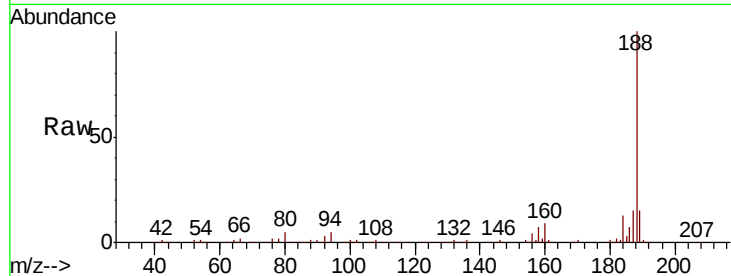
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Instrument :
BNA_G
ClientSampleId :
S701B-N-0.0-0.5-082719

Tot Ion	Ratio	Resp	Lower	Upper
188	100	276219		
94	5.1		4.5	6.7
80	5.3		4.9	7.3

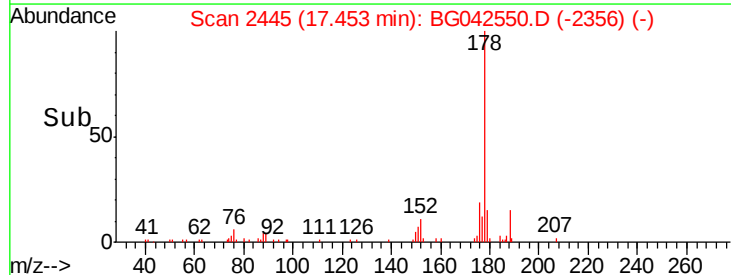
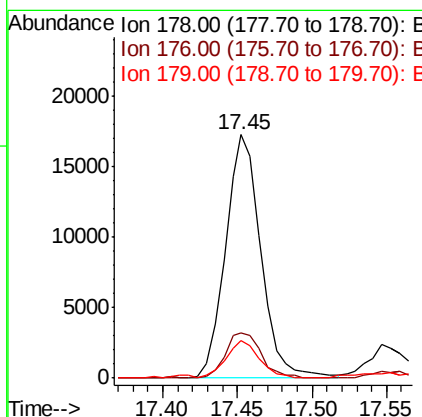
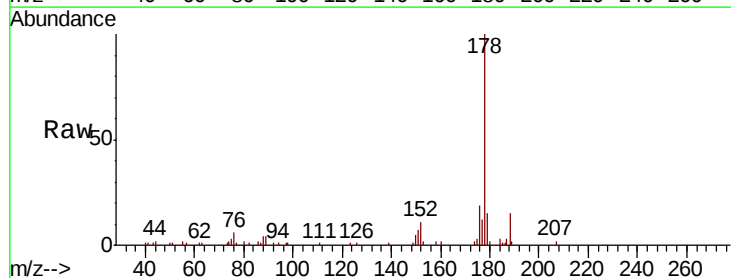
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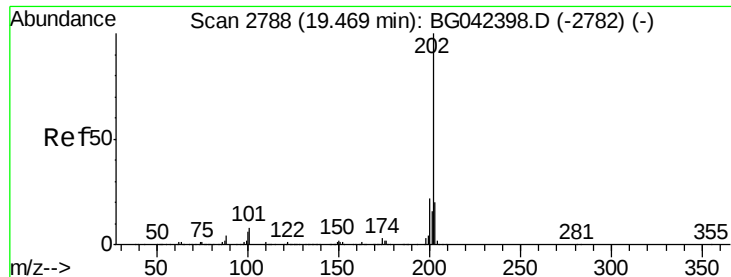
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#71
Phenanthrene
Concen: 2.077 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	28498		
176	18.7		15.9	23.9
179	15.3		12.7	19.1





#75

Fluoranthene

Concen: 5.834 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042550.D

Acq: 29 Aug 2019 2:40

Instrument :

BNA_G

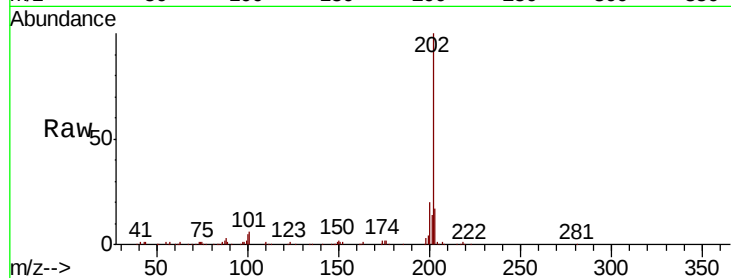
ClientSampleId :

S701B-N-0.0-0.5-082719

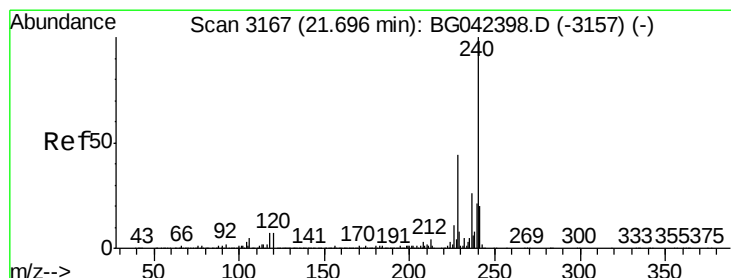
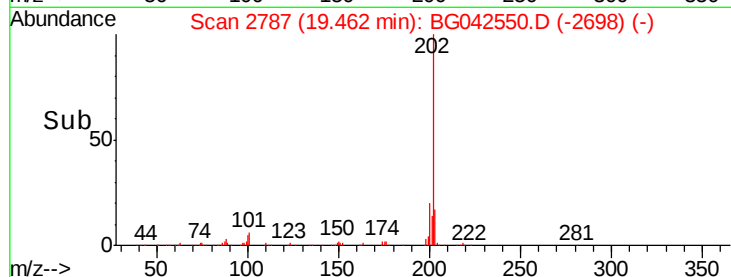
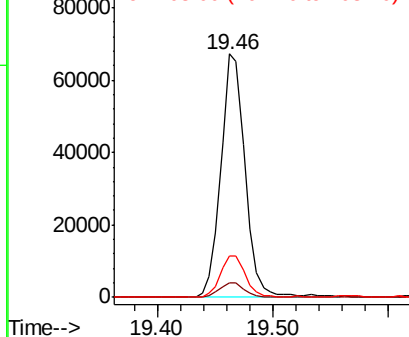
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	5.8	0.0	28.3
203	17.2	0.0	39.6

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

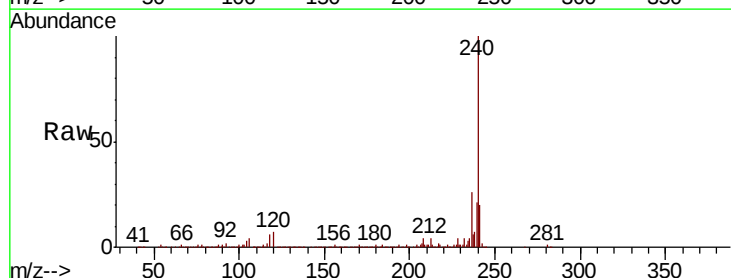
RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

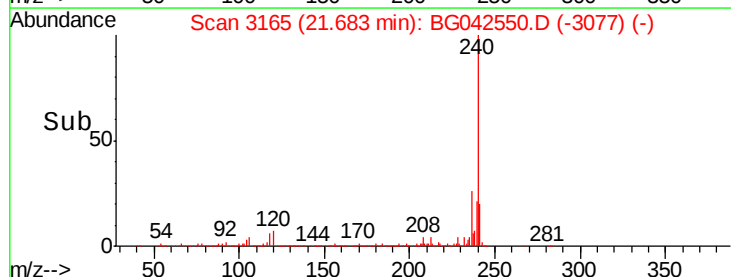
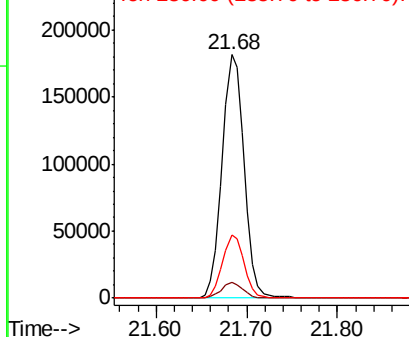
Lab File: BG042550.D

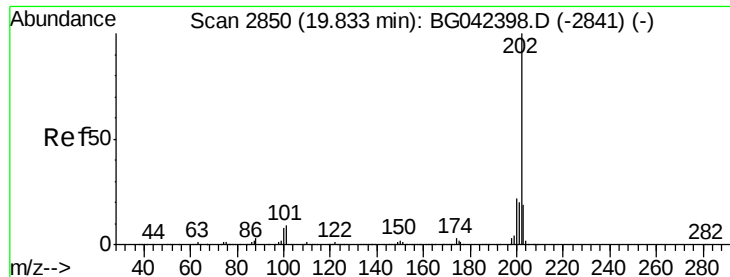
Acq: 29 Aug 2019 2:40

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.6	5.7	8.5
236	25.8	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





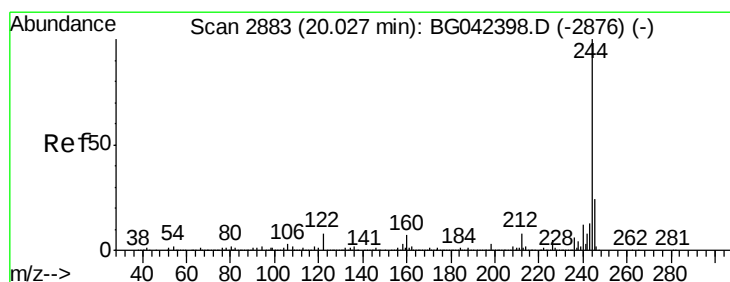
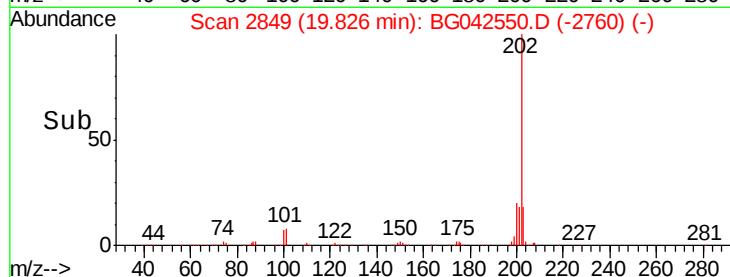
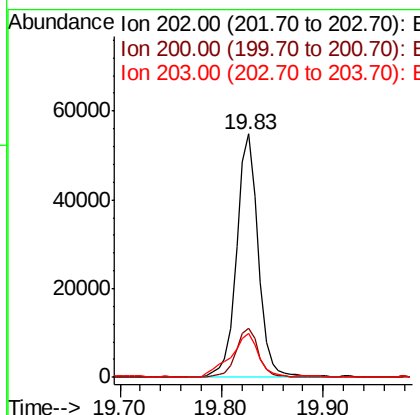
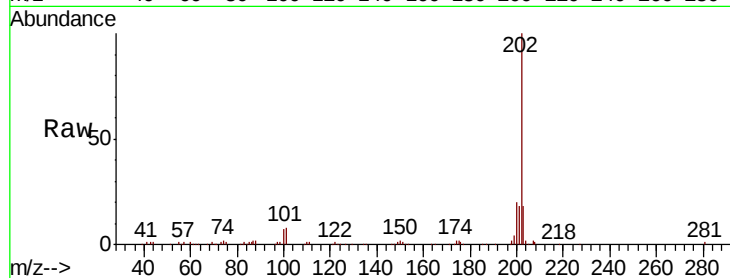
#78
Pvrene
Concen: 4.344 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Instrument :
BNA_G
ClientSampleId :
S701B-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.6
203	18.2	15.5	23.3

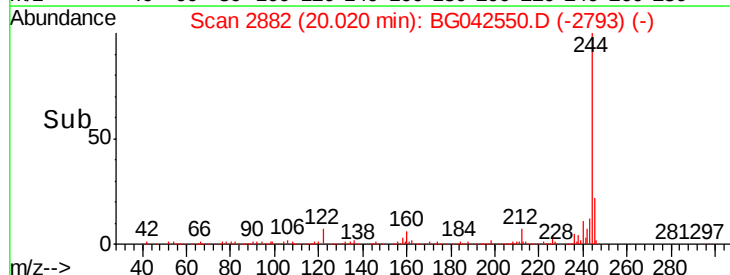
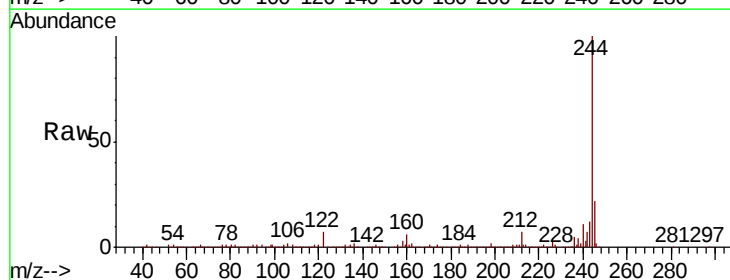
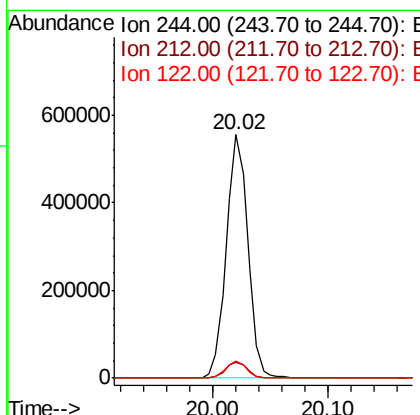
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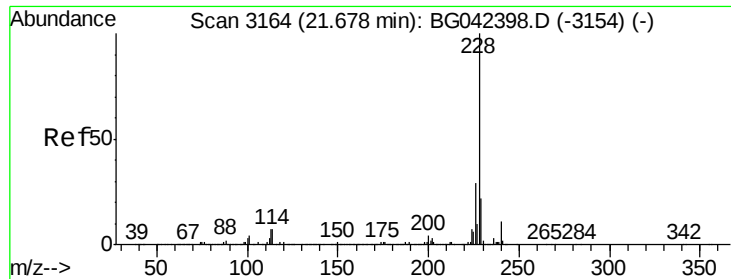
Jagrut
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#79
Terphenyl-d14
Concen: 50.937 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	7.1	6.7	10.1





#81

Benzo(a)anthracene

Concen: 2.283 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042550.D

Acq: 29 Aug 2019 2:40

Instrument :

BNA_G

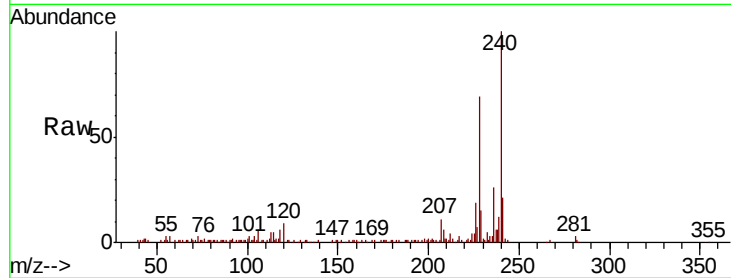
ClientSampleId :

S701B-N-0.0-0.5-082719

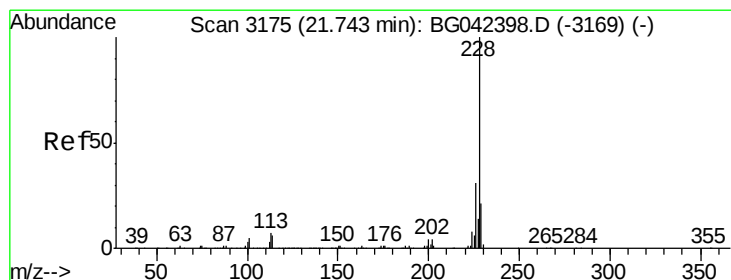
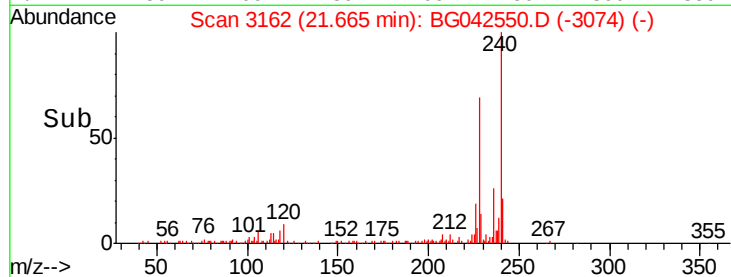
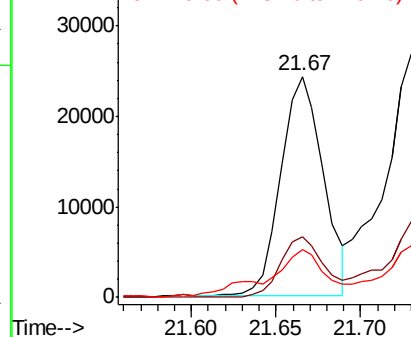
Tot Ion:	228	Resp:	42506
Ion Ratio	Lower	Upper	
228	100		
226	27.4	23.4	35.2
229	21.6	17.4	26.2

Manual Integrations
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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: 2.888 ng

RT: 21.73 min Scan# 3173

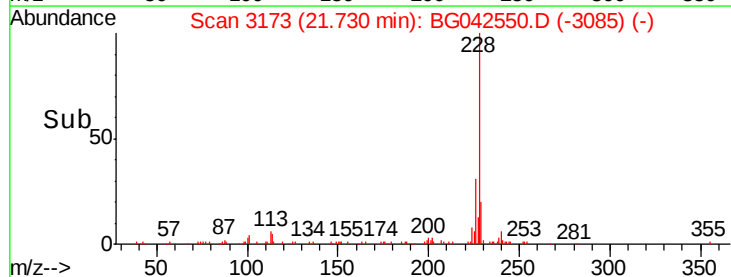
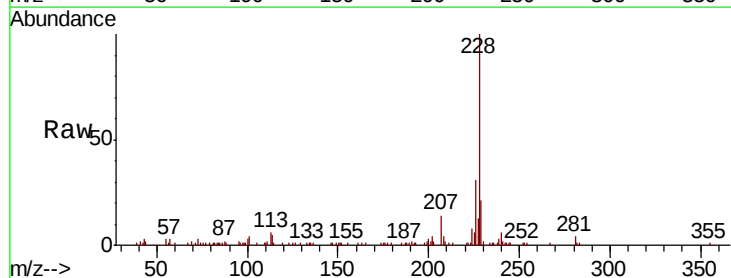
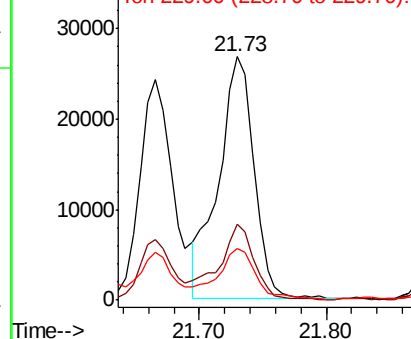
Delta R.T. -0.01 min

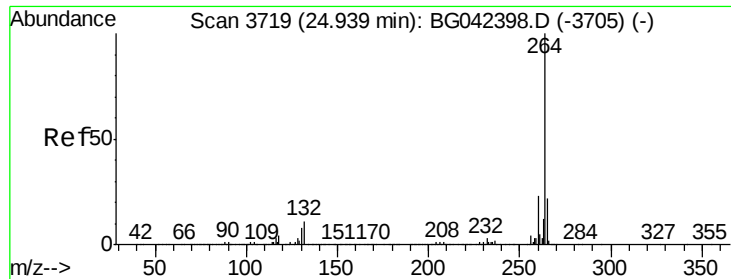
Lab File: BG042550.D

Acq: 29 Aug 2019 2:40

Tgt Ion:	228	Resp:	51842
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.9	37.3
229	21.0	16.9	25.3

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





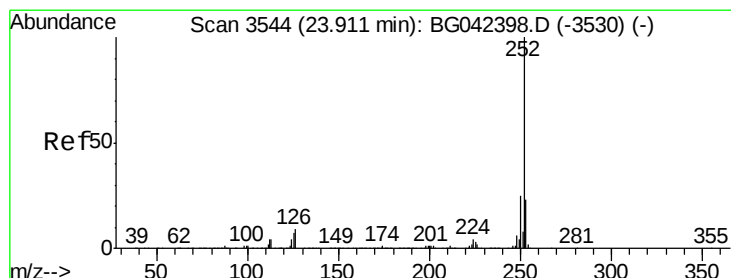
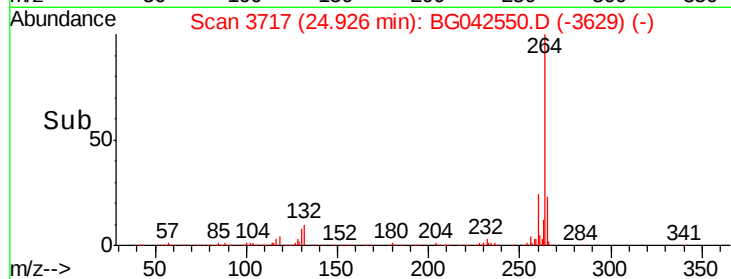
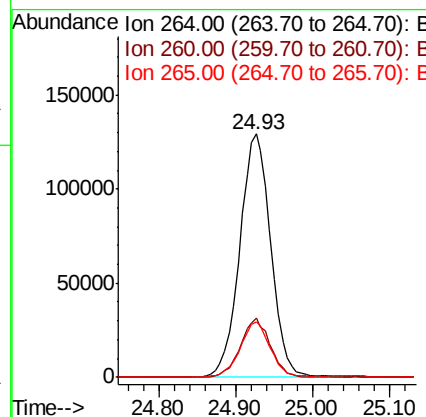
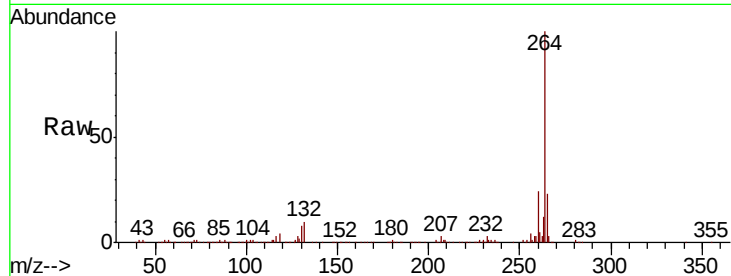
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Instrument :
BNA_G
ClientSampleId :
S701B-N-0.0-0.5-082719

Tot Ion:	264	Resp:	363241
Ion Ratio	Lower	Upper	
264	100		
260	24.1	18.5	27.7
265	22.6	17.6	26.4

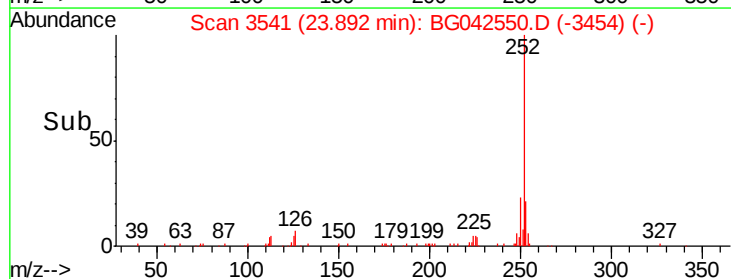
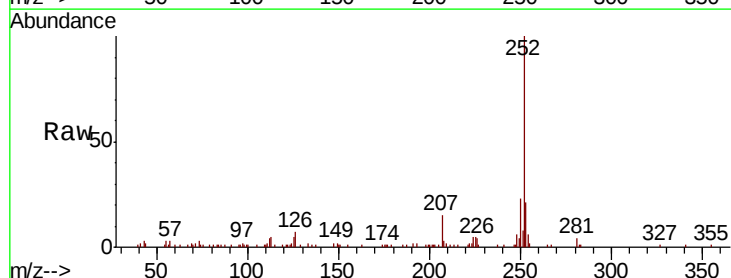
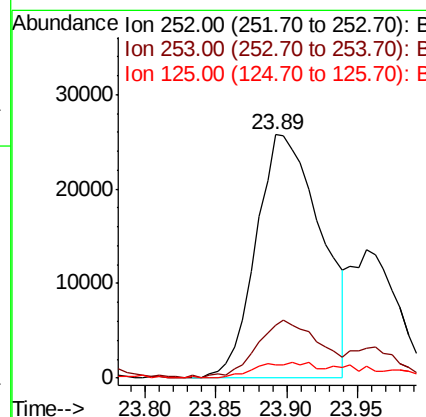
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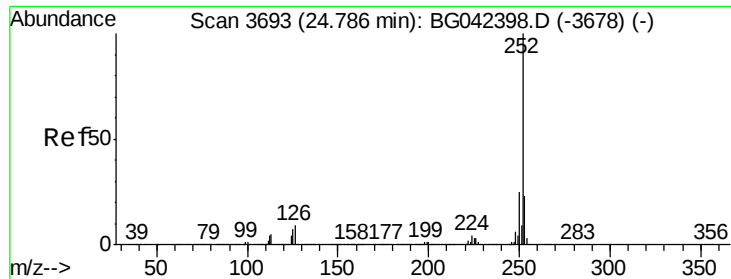
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#88
Benzo(b)fluoranthene
Concen: 4.145 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Tgt Ion:	252	Resp:	82765
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.6	27.8
125	5.5	5.6	8.4#





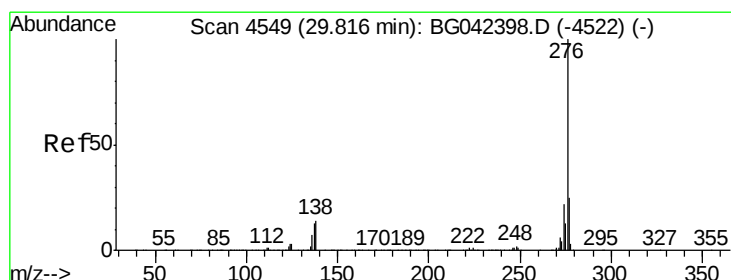
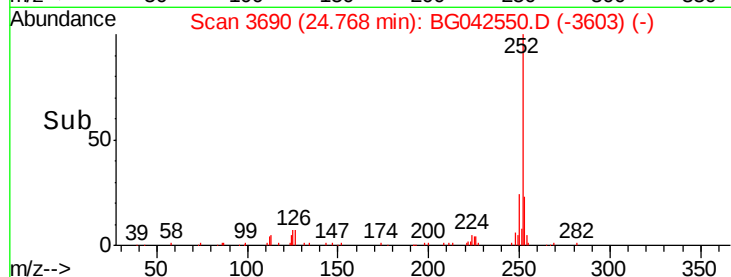
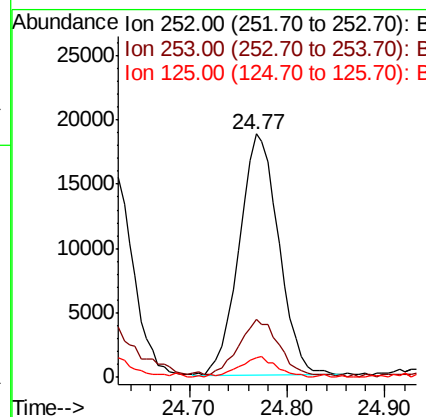
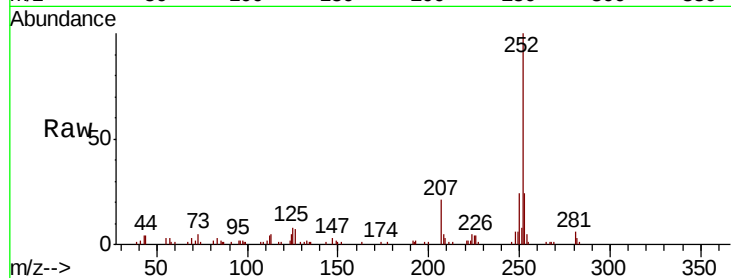
#90
Benzo(a)pyrene
Concen: 2.793 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Instrument :
BNA_G
ClientSampleId :
S701B-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.4	27.6
125	7.9	6.0	9.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.437 ng m
RT: 29.77 min Scan# 4541
Delta R.T. -0.05 min
Lab File: BG042550.D
Acq: 29 Aug 2019 2:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.8	29.8
138	14.1	11.4	17.0

