

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042517.D
 Acq On : 27 Aug 2019 23:21
 Operator : HP/JU
 Sample : K4526-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T9-12-13-L-(0-1.9)

Manual Integrations
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 8/29/2019 7:58:25 AM

Quant Time: Aug 28 03:35:06 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	33422	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	127972	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97806	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	249389	20.00	ng	0.00
76) Chrysene-d12	21.68	240	297448	20.00	ng	-0.01
87) Perylene-d12	24.92	264	352483	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	149574	90.64	ng	0.00
7) Phenol-d6	7.16	99	200058	89.75	ng	-0.01
23) Nitrobenzene-d5	9.16	82	109494	59.13	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	123848	89.09	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	323549	55.95	ng	0.00
79) Terphenyl-d14	20.02	244	692983	50.37	ng	0.00
Target Compounds						
10) Phenol	7.19	94	5962	2.631	ng	# 75
50) Dimethylphthalate	14.11	163	20698	2.933	ng	# 96
71) Phenanthrene	17.45	178	77964	6.294	ng	97
75) Fluoranthene	19.46	202	160282	10.602	ng	97
78) Pyrene	19.83	202	141248	7.745	ng	97
81) Benzo(a)anthracene	21.67	228	73049	4.037	ng	99
83) Chrysene	21.73	228	80334	4.604	ng	98
86) Indeno(1,2,3-cd)pyrene	28.62	276	57232	2.413	ng	# 94
88) Benzo(b)fluoranthene	23.89	252	112238	5.792	ng	99
89) Benzo(k)fluoranthene	23.96	252	38716m	2.079	ng	
90) Benzo(a)pyrene	24.77	252	75985	4.132	ng	97
92) Benzo(a,h,i)perylene	29.76	276	55817	2.998	ng	94

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

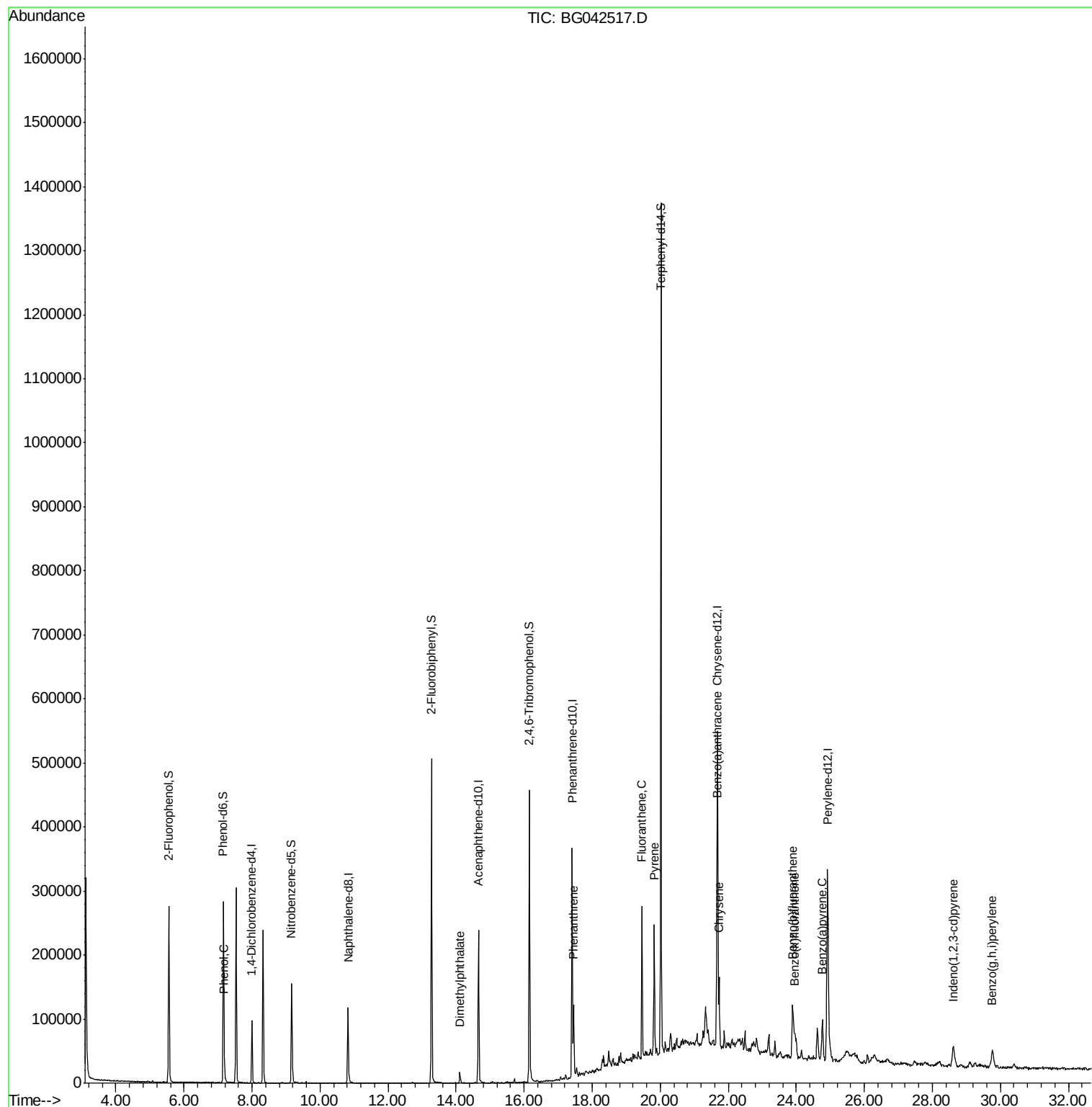
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042517.D
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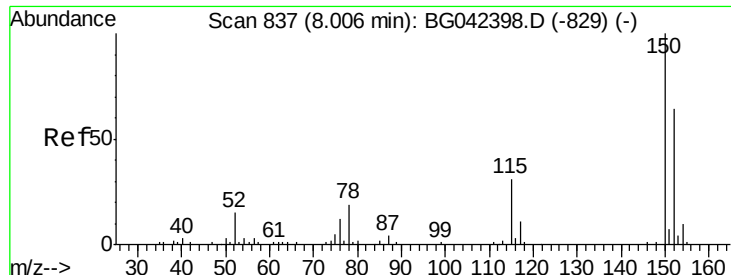
Instrument :
BNA_G
ClientSampleId :
T9-12-13-L-(0-1.9)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

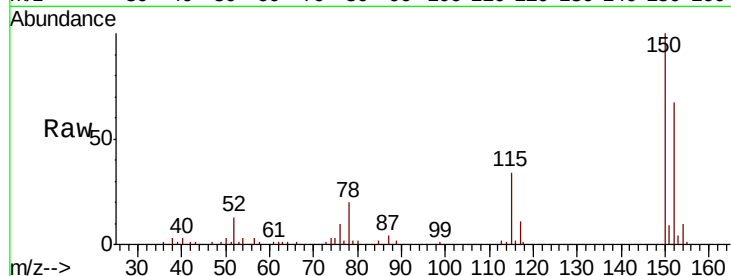
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :
T9-12-13-L-(0-1.9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	125.4	188.0
115	51.5	38.5	57.7

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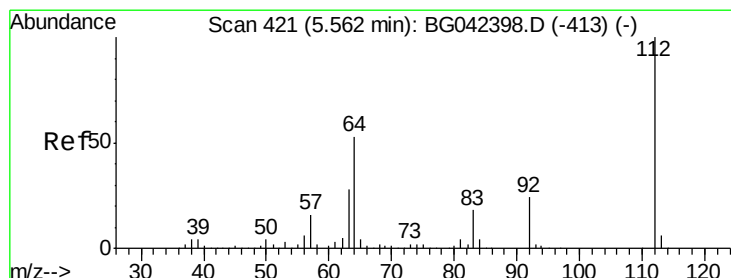
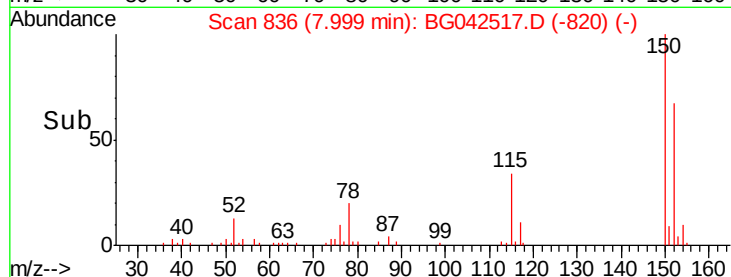
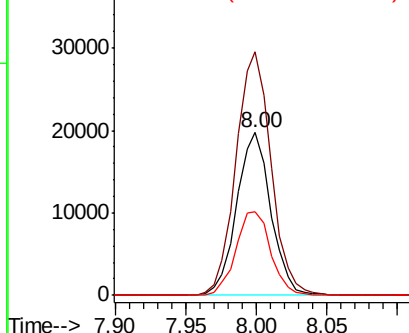


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

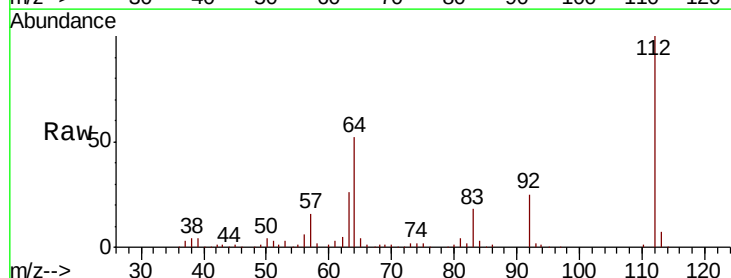
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.638 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.8	64.2
63	26.2	22.7	34.1

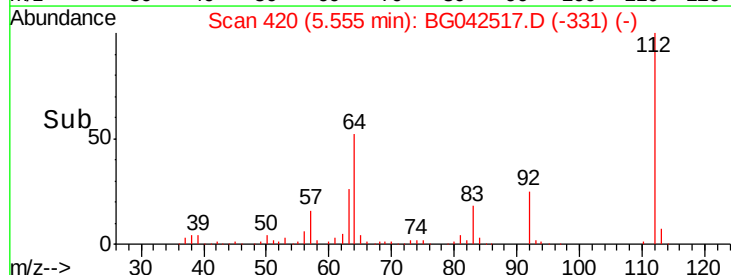
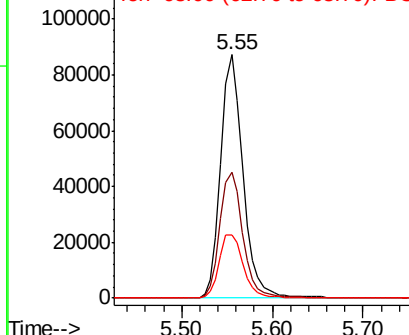


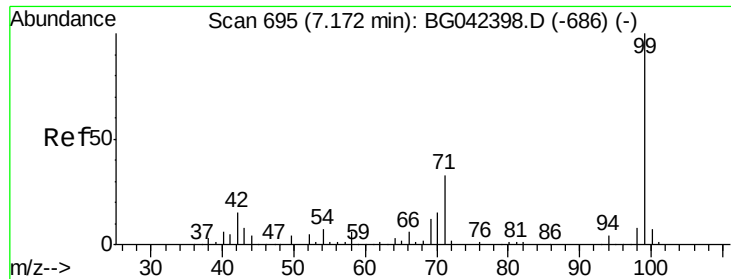
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 89.749 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042517.D

Acq: 27 Aug 2019 23:21

Instrument :

BNA_G

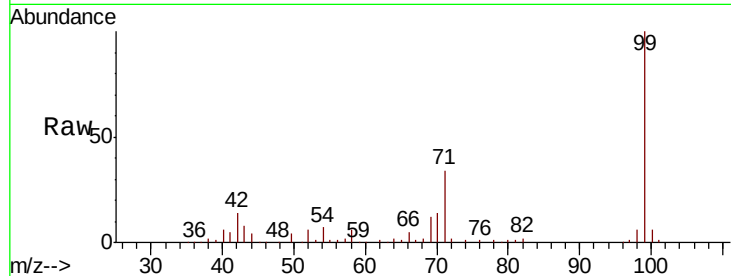
ClientSampleId :

T9-12-13-L-(0-1.9)

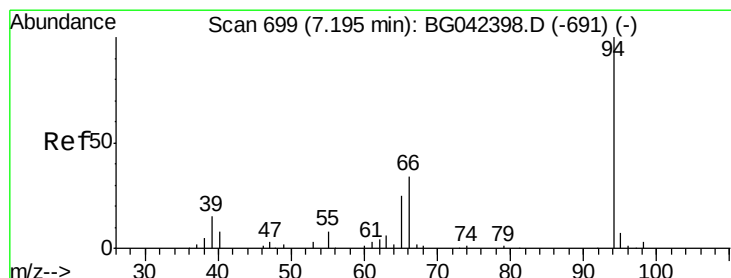
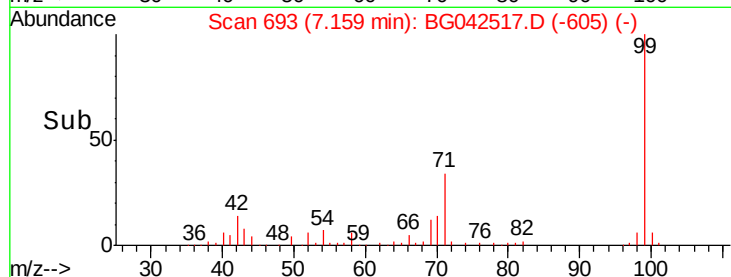
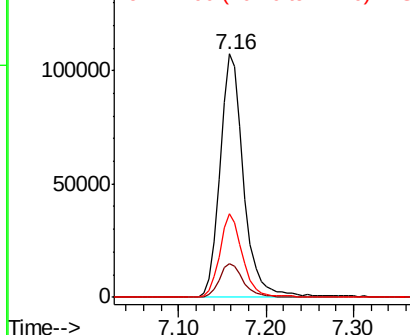
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		200058		
42	13.9	12.0	18.0		
71	34.5	26.3	39.5		

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.631 ng

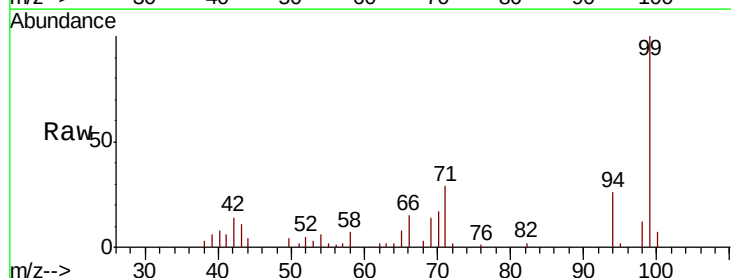
RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

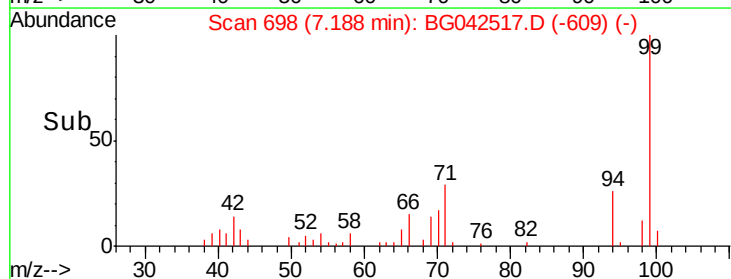
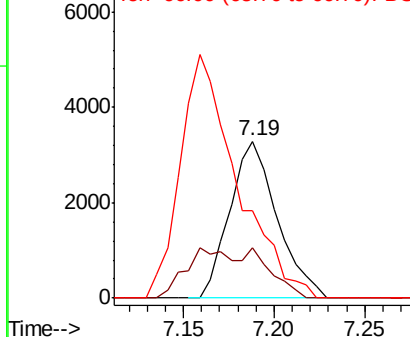
Lab File: BG042517.D

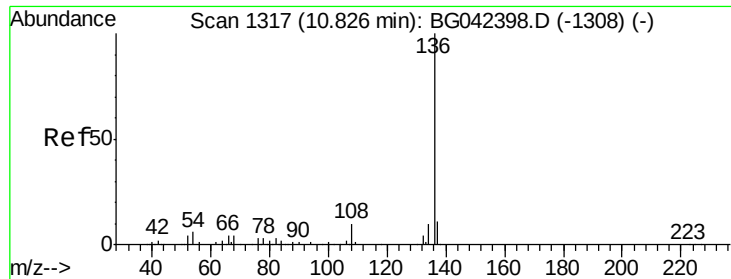
Acq: 27 Aug 2019 23:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		5962		
65	32.2	5.6	45.6		
66	56.0	16.0	56.0#		



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





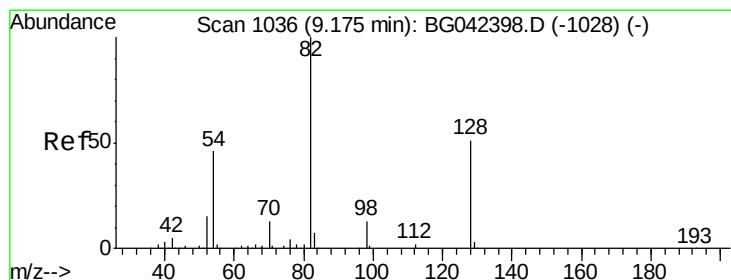
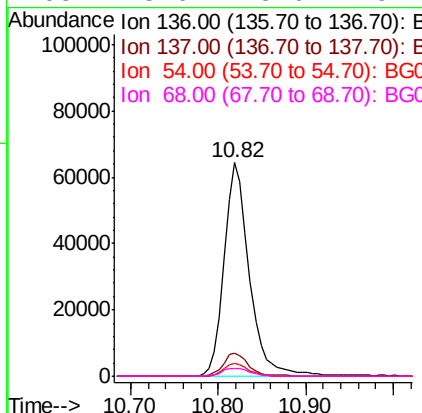
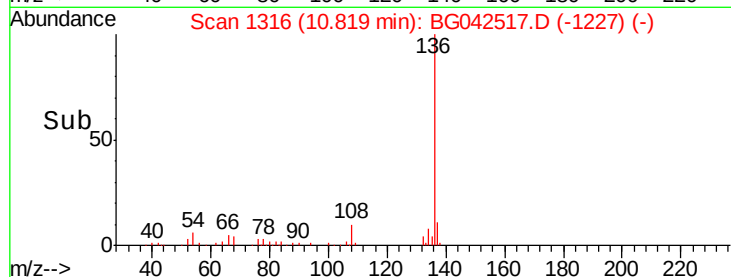
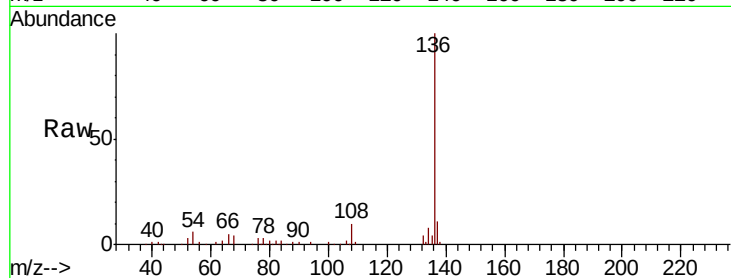
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :
T9-12-13-L-(0-1.9)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		127972		
137	11.0	8.7	13.1		
54	5.9	4.9	7.3		
68	3.6	3.6	5.4		

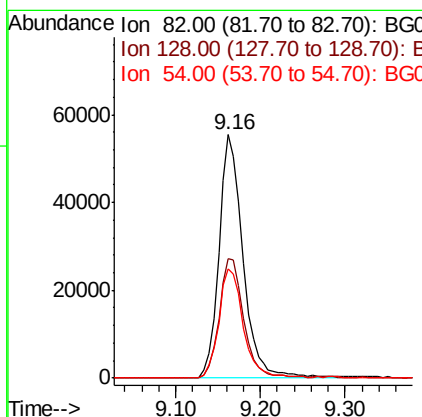
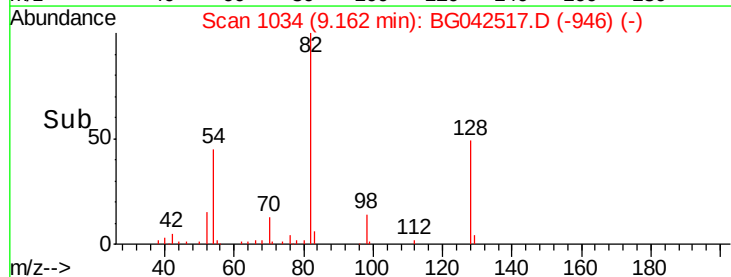
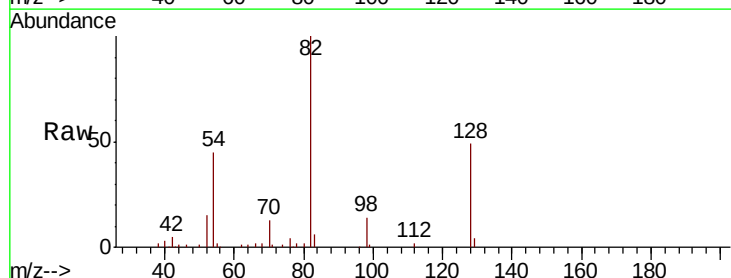
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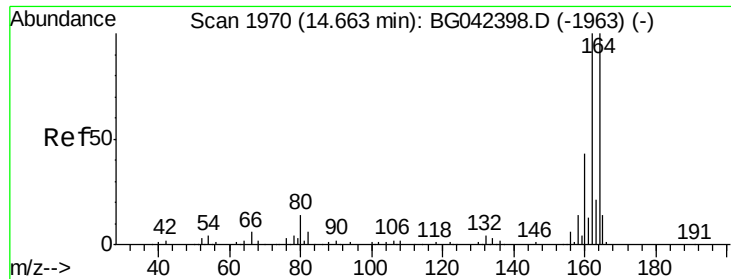
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#23
Nitrobenzene-d5
Concen: 59.126 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		109494		
128	49.3	40.7	61.1		
54	45.1	36.3	54.5		





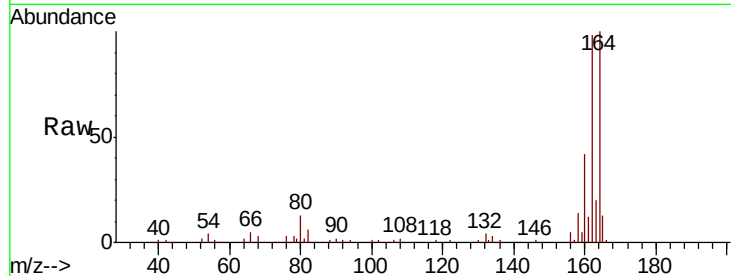
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :
T9-12-13-L-(0-1.9)

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.9	119.9
160	42.3	34.3	51.5

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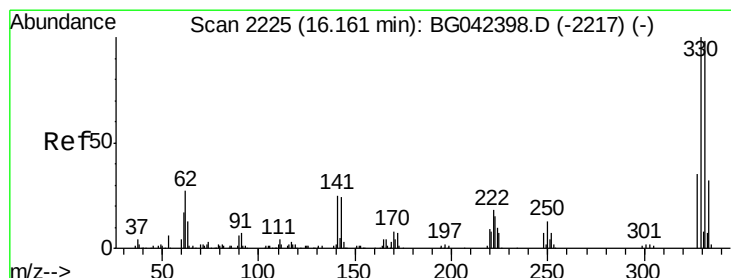
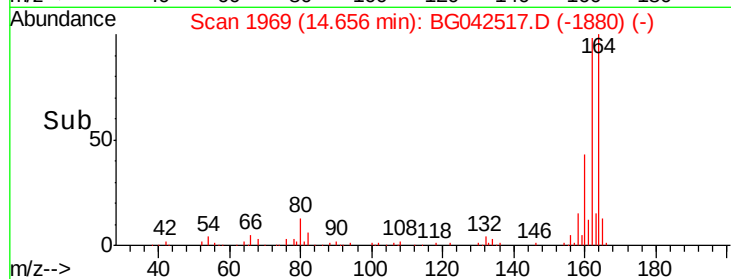
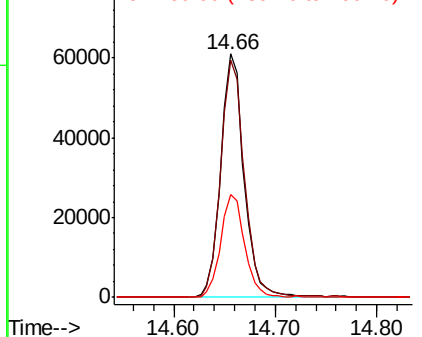


Abundance

Ion 164.00 (163.70 to 164.70): E

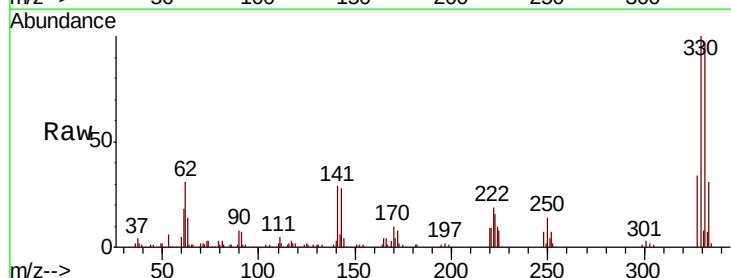
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 89.090 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.0
141	29.0	21.4	32.0

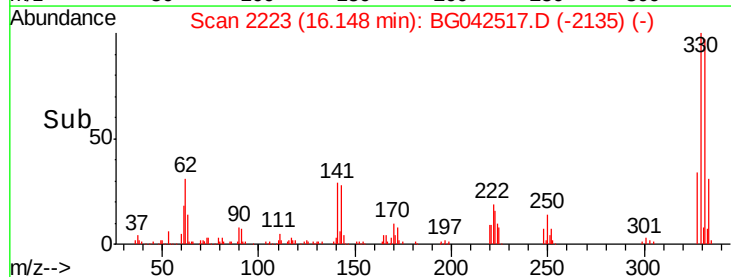
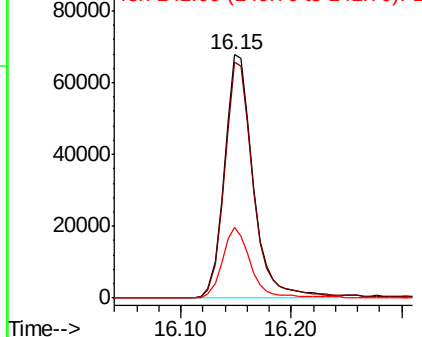


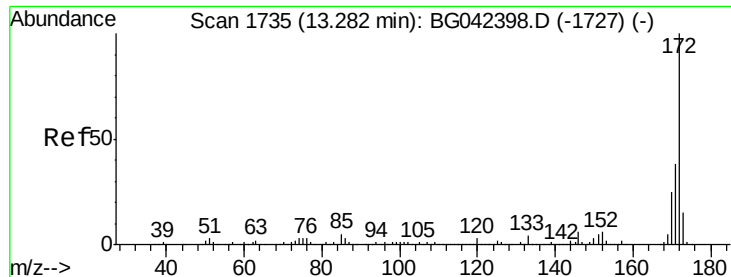
Abundance

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





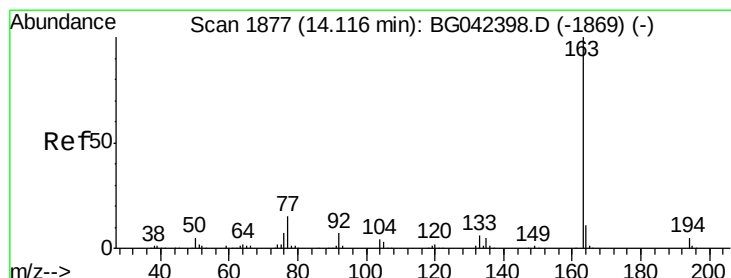
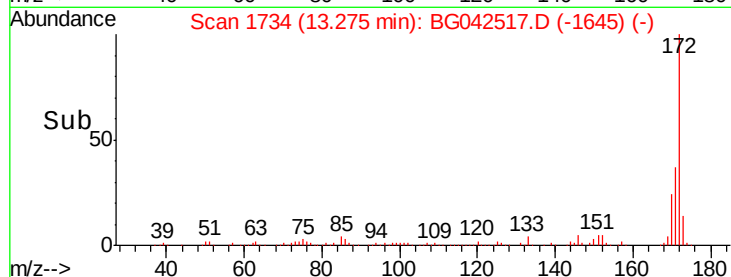
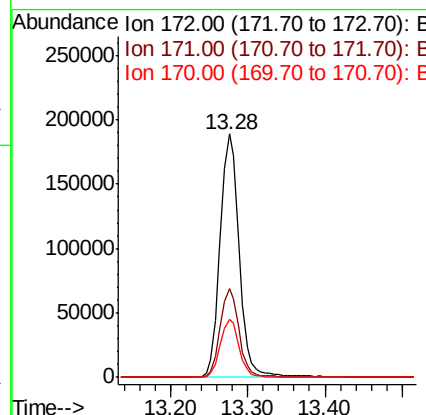
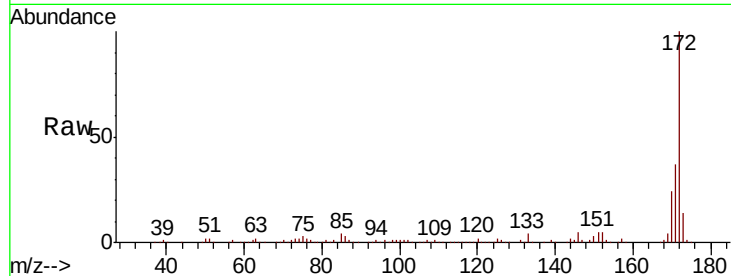
#45
2-Fluorobiphenyl
Concen: 55.949 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :
T9-12-13-L-(0-1.9)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.5	45.7
170	23.6	20.2	30.2

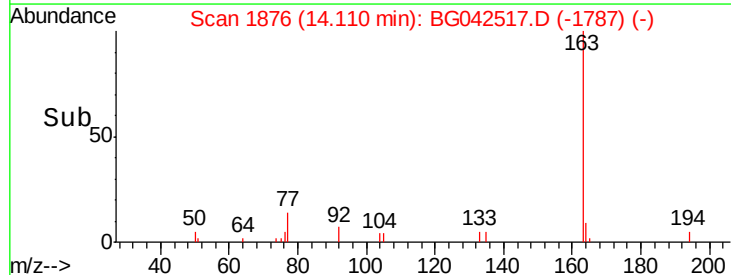
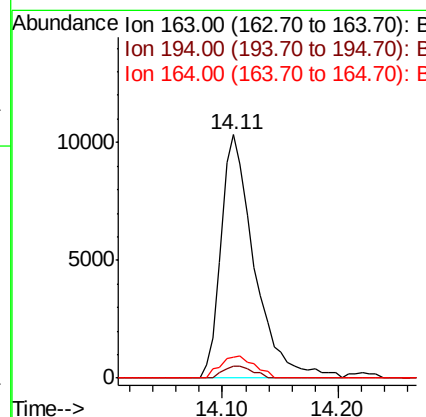
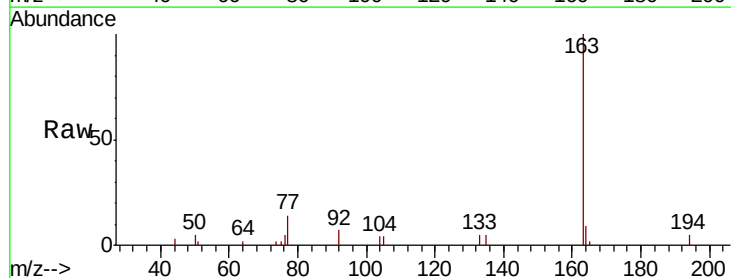
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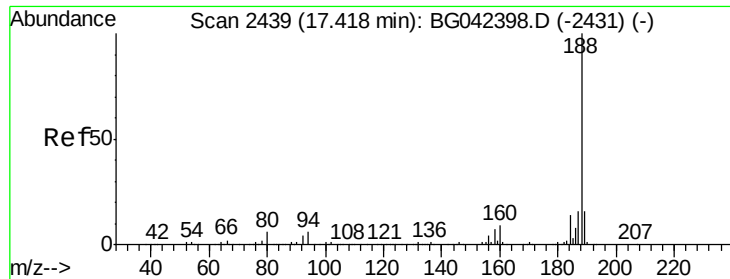
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#50
Dimethylphthalate
Concen: 2.933 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	8.8	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: BG042517.D

Acq: 27 Aug 2019 23:21

Instrument :

BNA_G

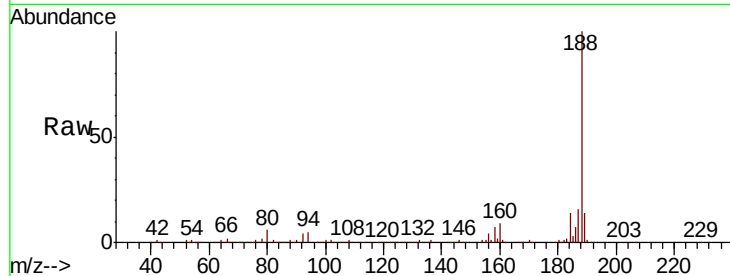
ClientSampleId :

T9-12-13-L-(0-1.9)

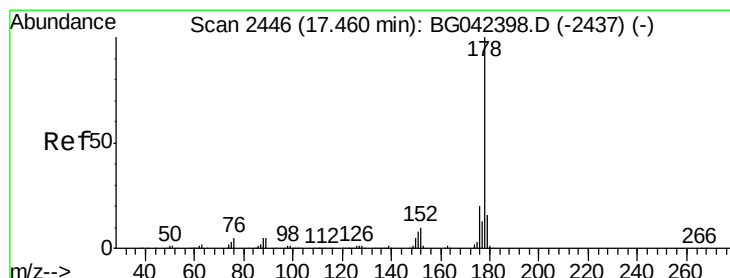
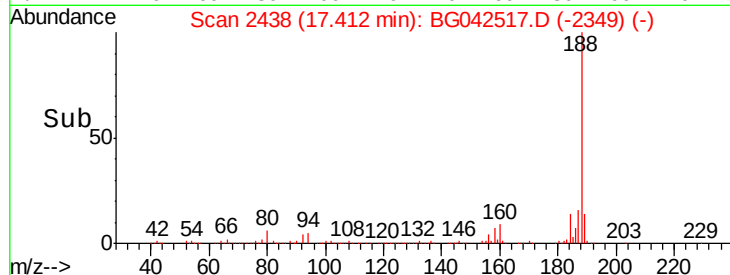
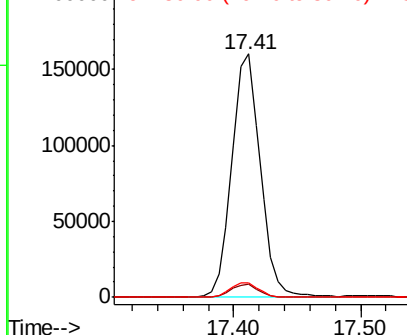
Tot Ion	188	Resp	249389
Ion Ratio	Lower	Upper	
188	100		
94	5.2	4.5	6.7
80	5.9	4.9	7.3

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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: 6.294 ng

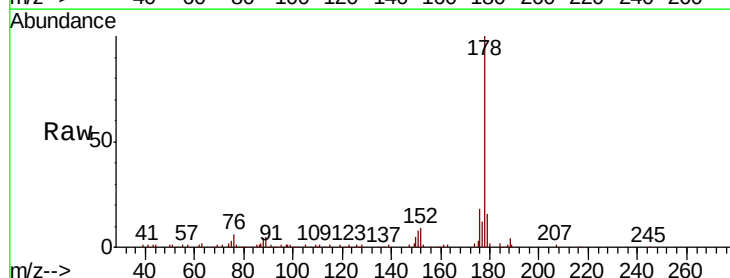
RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

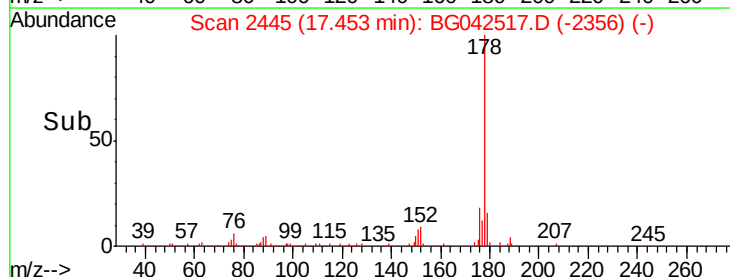
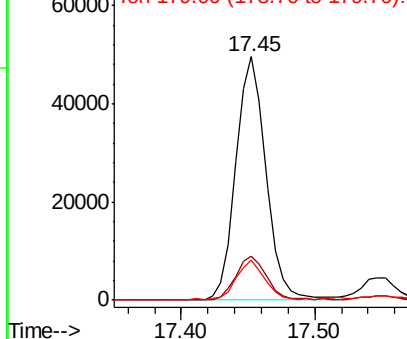
Lab File: BG042517.D

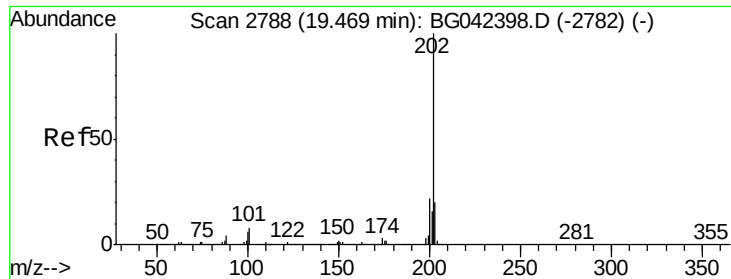
Acq: 27 Aug 2019 23:21

Tgt Ion	178	Resp	77964
Ion Ratio	Lower	Upper	
178	100		
176	17.8	15.9	23.9
179	16.3	12.7	19.1



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: 10.602 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042517.D

Acq: 27 Aug 2019 23:21

Instrument :

BNA_G

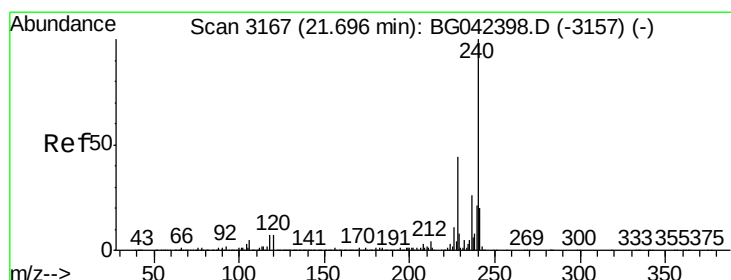
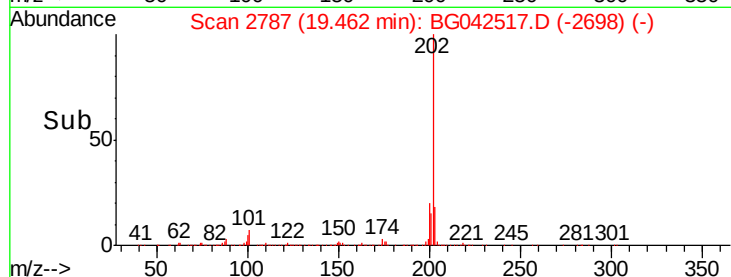
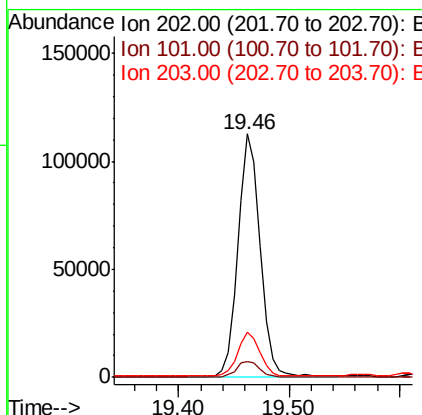
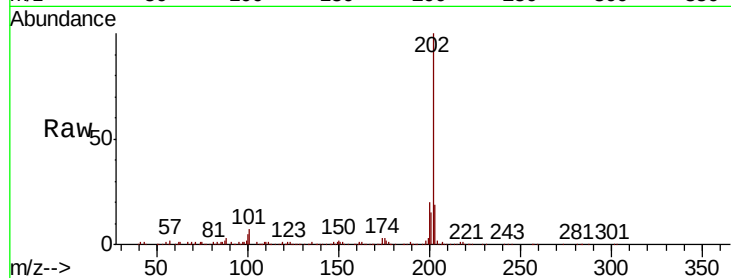
ClientSampleId :

T9-12-13-L-(0-1.9)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	160282		
101	6.7	0.0	28.3	
203	18.5	0.0	39.6	

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#76

Chrysene-d12

Concen: 20.000 ng

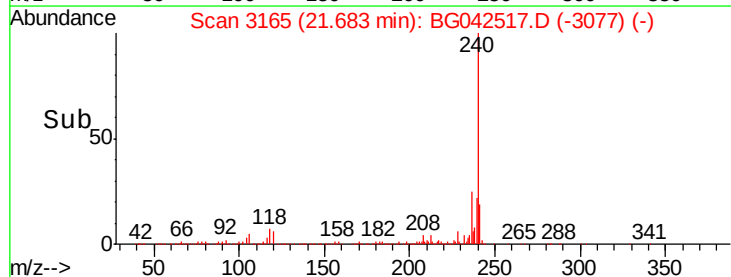
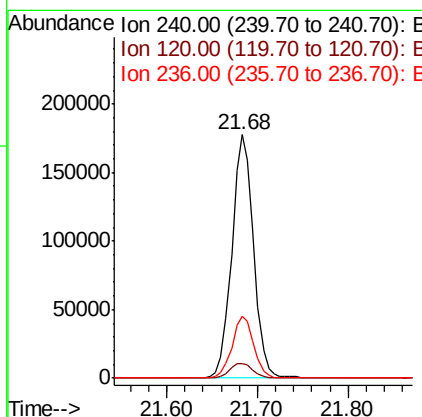
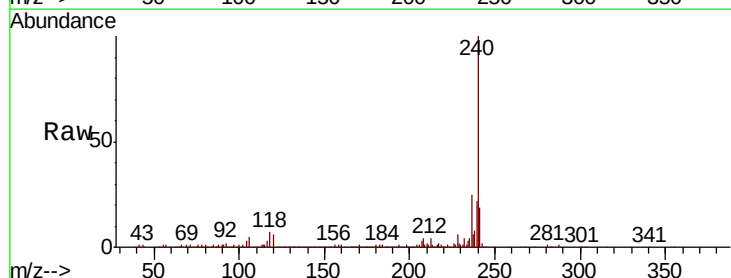
RT: 21.68 min Scan# 3165

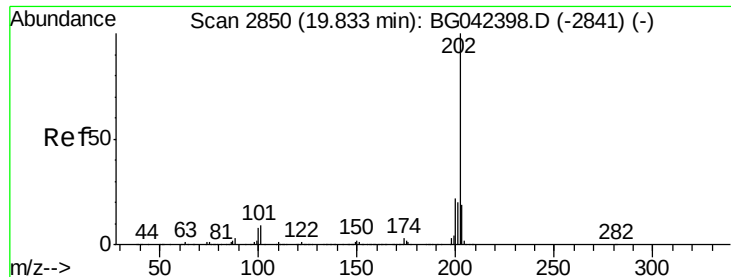
Delta R.T. -0.01 min

Lab File: BG042517.D

Acq: 27 Aug 2019 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	297448		
120	6.2	5.7	8.5	
236	25.5	21.0	31.4	





#78

Pvrene

Concen: 7.745 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042517.D

Acq: 27 Aug 2019 23:21

Instrument :

BNA_G

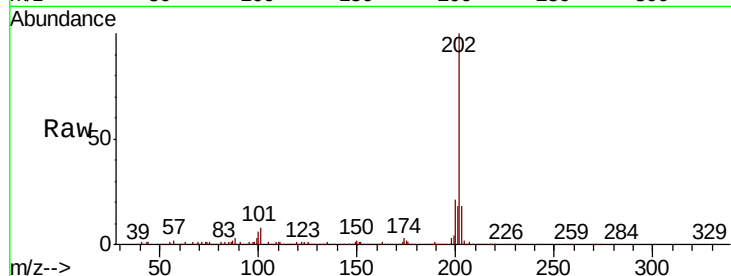
ClientSampleId :

T9-12-13-L-(0-1.9)

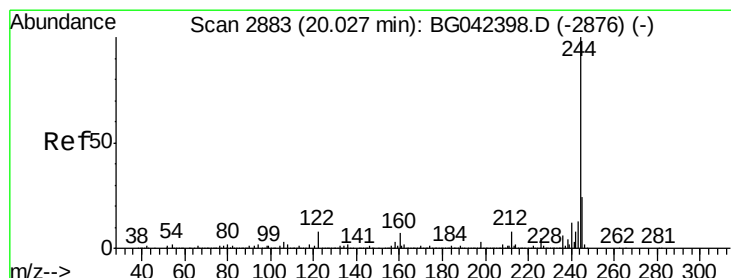
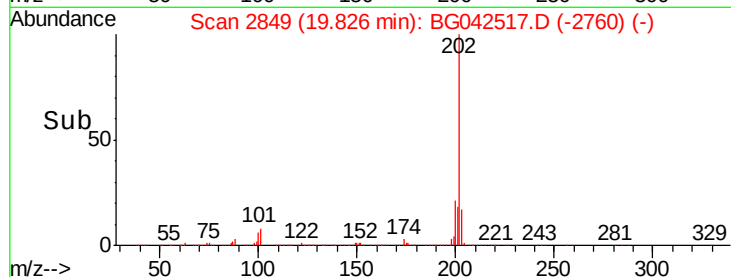
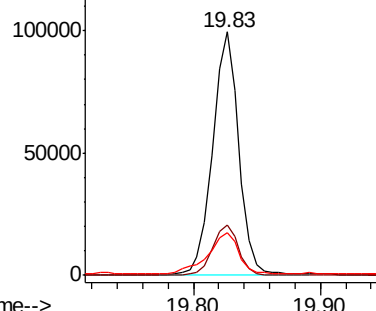
Tot Ion:	202	Resp:	141248
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.8	26.6
203	17.5	15.5	23.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 50.368 ng

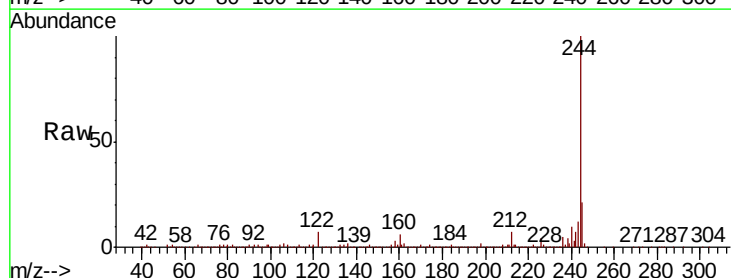
RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

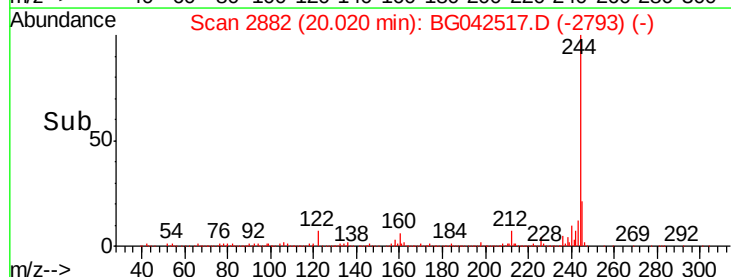
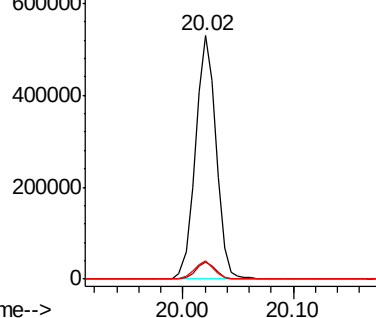
Lab File: BG042517.D

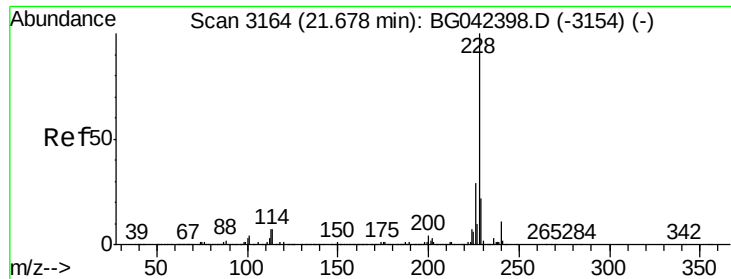
Acq: 27 Aug 2019 23:21

Tgt Ion:	244	Resp:	692983
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	7.3	6.7	10.1



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





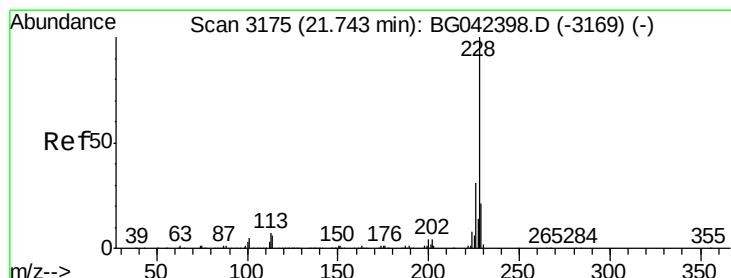
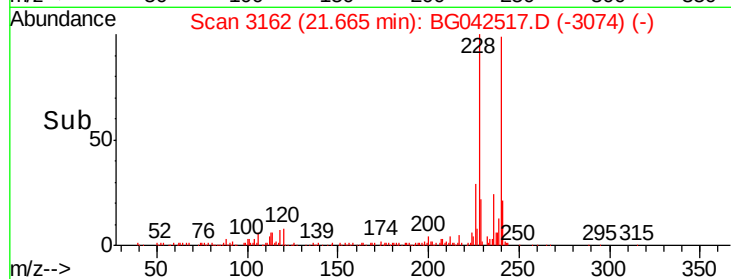
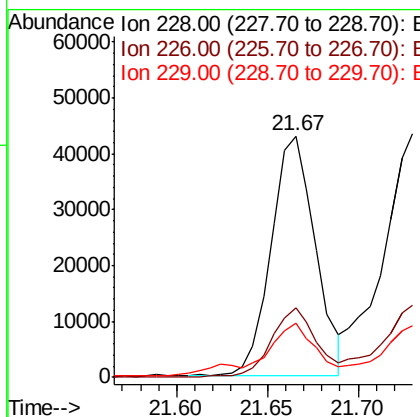
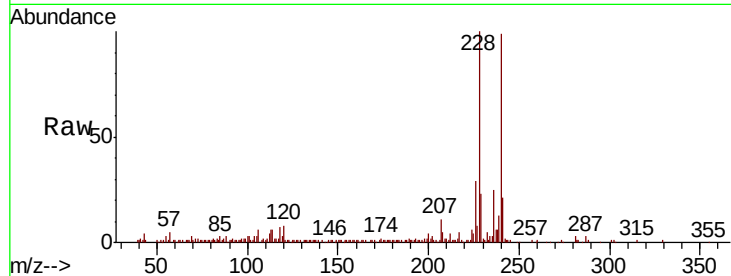
#81
Benzo(a)anthracene
Concen: 4.037 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :
T9-12-13-L-(0-1.9)

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	22.5	17.4	26.2

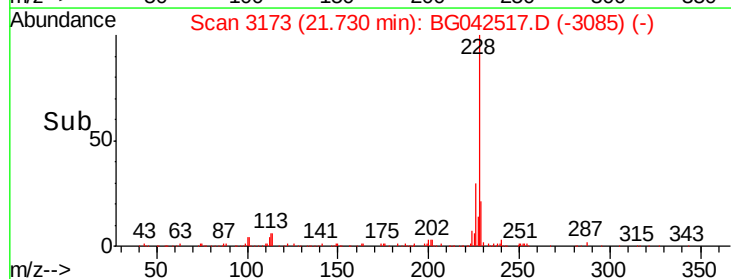
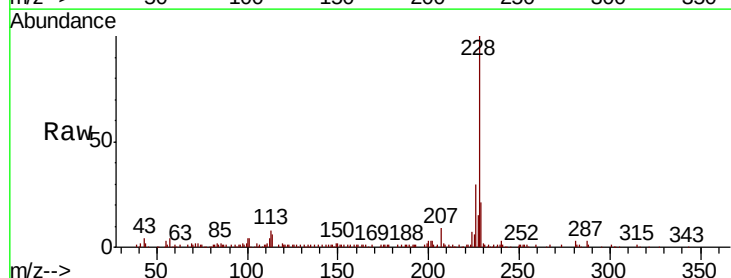
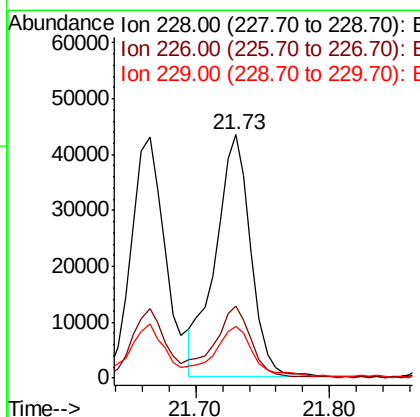
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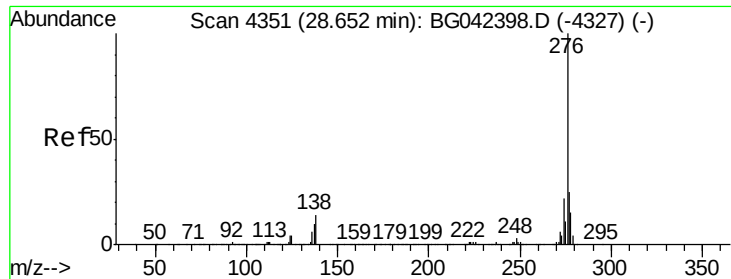
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#83
Chrysene
Concen: 4.604 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	21.4	16.9	25.3





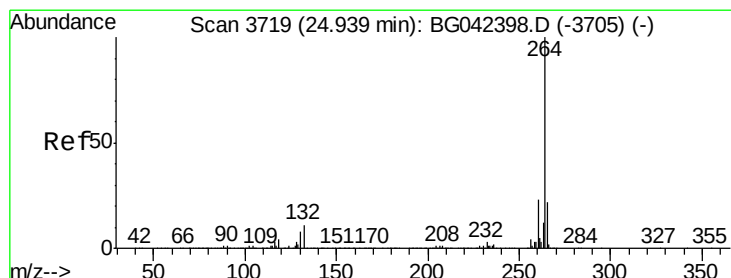
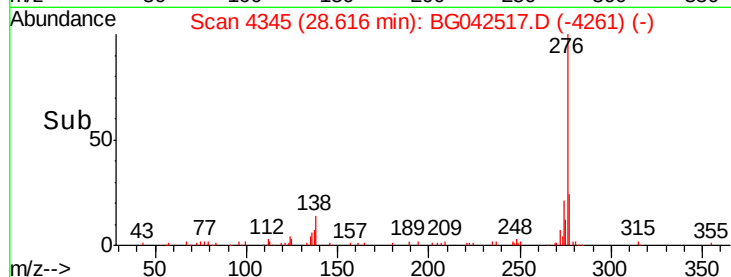
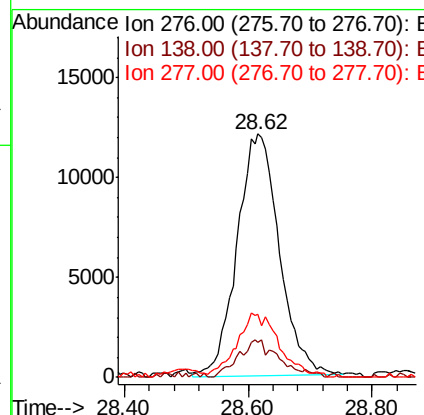
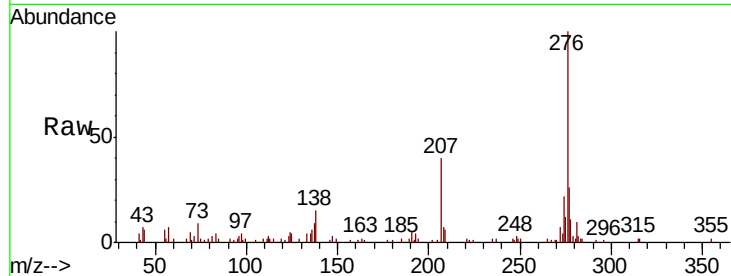
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.413 ng
RT: 28.62 min Scan# 4345
Delta R.T. -0.04 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :
T9-12-13-L-(0-1.9)

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.3	9.2	13.8#
277	23.6	21.0	31.6

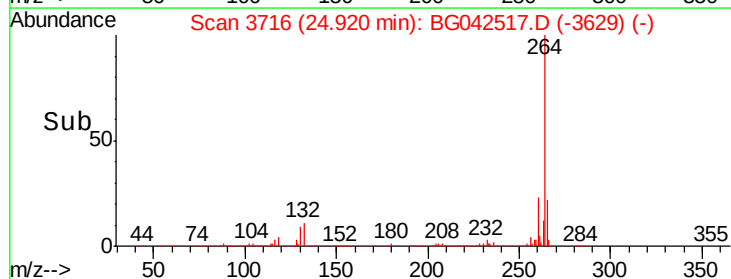
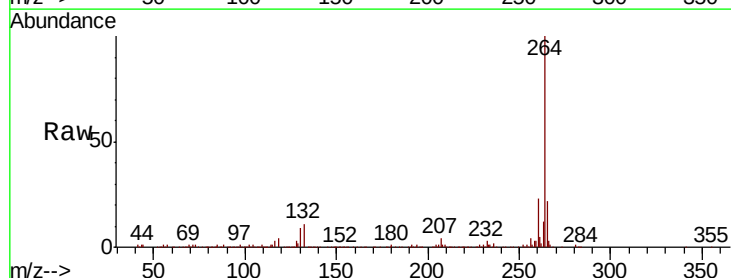
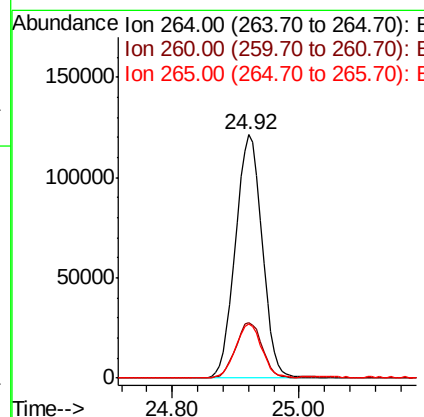
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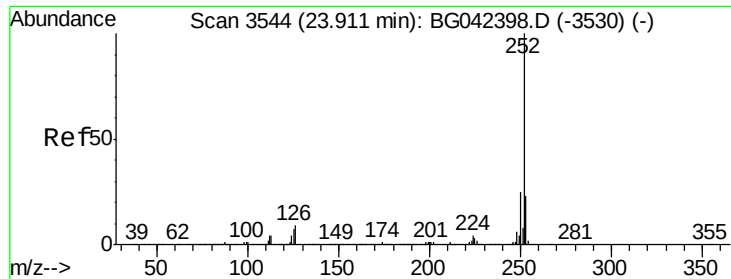
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	22.4	17.6	26.4





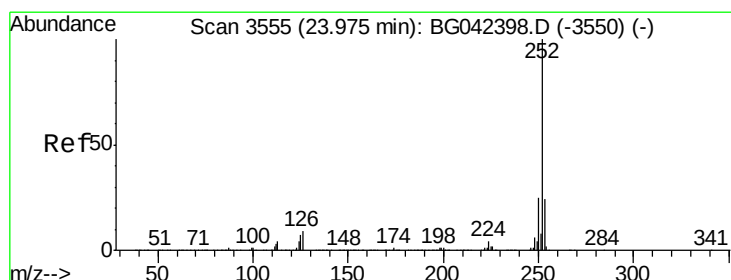
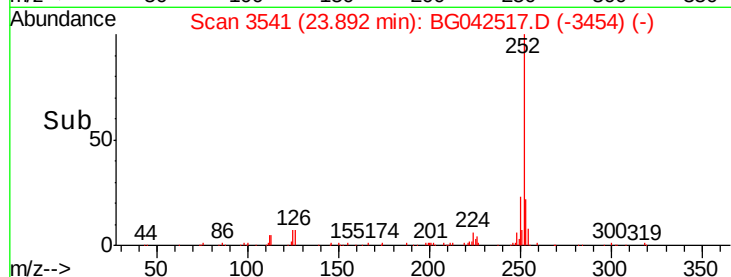
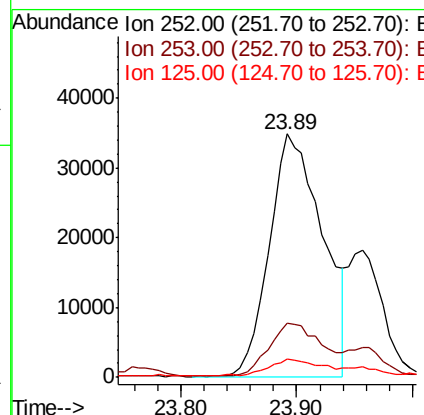
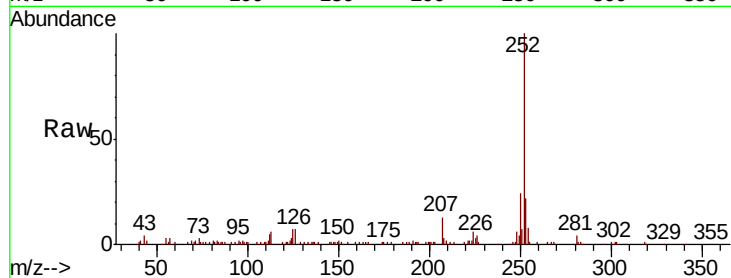
#88
Benzo(b)fluoranthene
Concen: 5.792 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.02 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :
T9-12-13-L-(0-1.9)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	7.3	5.6	8.4

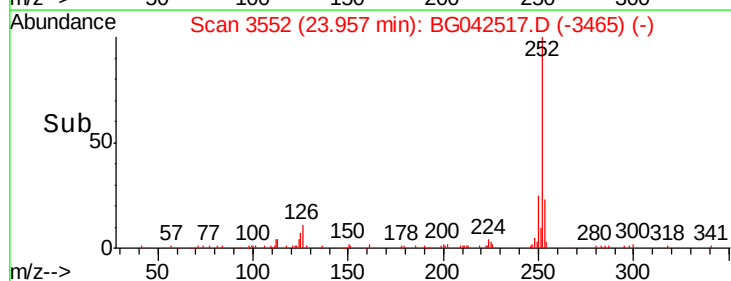
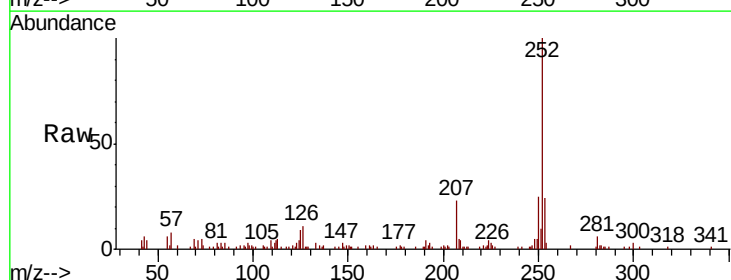
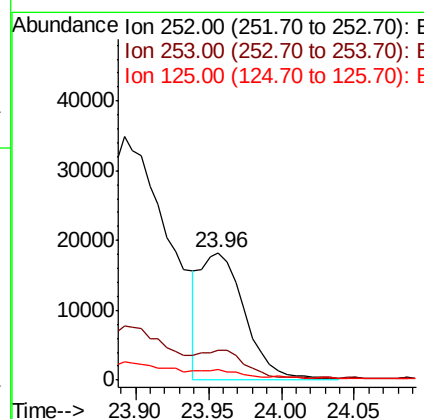
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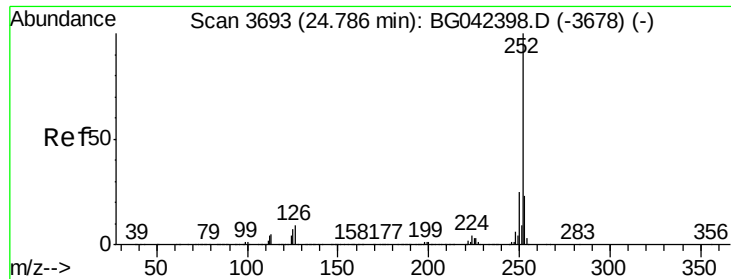
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#89
Benzo(k)fluoranthene
Concen: 2.079 ng m
RT: 23.96 min Scan# 3552
Delta R.T. -0.02 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	27.8
125	8.5	5.8	8.6





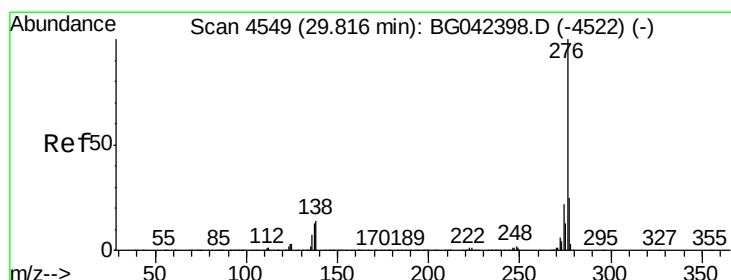
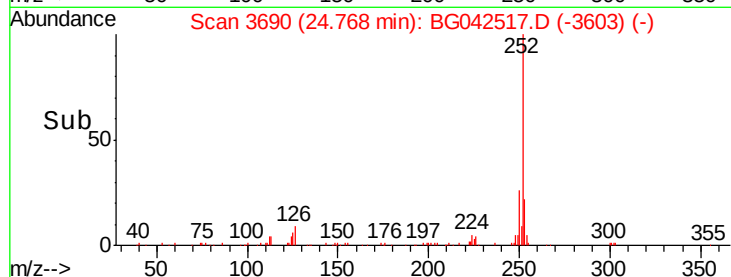
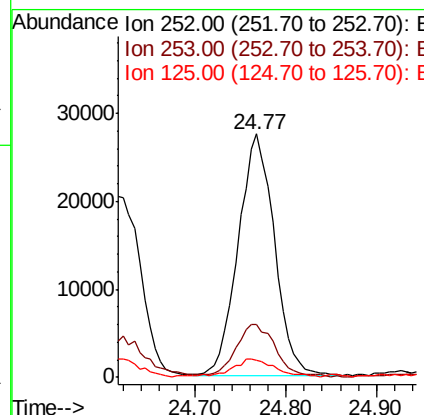
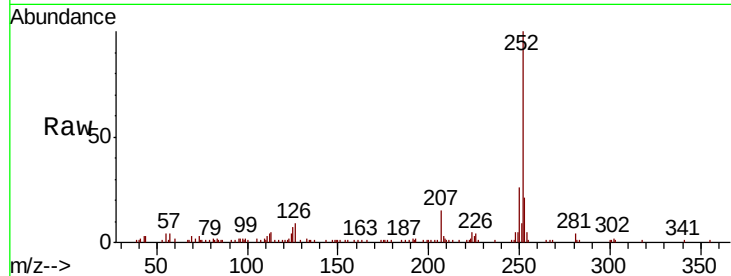
#90
Benzo(a)pyrene
Concen: 4.132 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Instrument :
BNA_G
ClientSampleId :
T9-12-13-L-(0-1.9)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	6.8	6.0	9.0

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#92
Benzo(g,h,i)perylene
Concen: 2.998 ng
RT: 29.76 min Scan# 4539
Delta R.T. -0.06 min
Lab File: BG042517.D
Acq: 27 Aug 2019 23:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.4	19.8	29.8
138	12.7	11.4	17.0

