

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
 Data File : BG042756.D
 Acq On : 6 Sep 2019 20:31
 Operator : HP/JU
 Sample : K4721-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S702-B1-N-0.0-0.5-090519

Manual Integrations
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mohammad
 9/10/2019 9:59:55 AM

Quant Time: Sep 07 01:55:23 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	34900	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	146373	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	120768	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	267956	20.00	ng	0.00
76) Chrysene-d12	21.69	240	231462	20.00	ng	0.00
87) Perylene-d12	24.93	264	273139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	209626	121.65	ng	0.00
7) Phenol-d6	7.16	99	292983	125.87	ng	0.00
23) Nitrobenzene-d5	9.17	82	163389	77.14	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	222982	129.90	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	629310	88.13	ng	0.00
79) Terphenyl-d14	20.02	244	959861	89.65	ng	0.00
Target Compounds						
10) Phenol	7.19	94	4977	2.103	ng	Qvalue # 52
50) Dimethylphthalate	14.11	163	60520	6.945	ng	99
71) Phenanthrene	17.45	178	47522	3.570	ng	98
75) Fluoranthene	19.47	202	133277	8.205	ng	93
78) Pyrene	19.82	202	114194	8.047	ng	96
81) Benzo(a)anthracene	21.67	228	53013	3.765	ng	97
83) Chrysene	21.73	228	68928	5.076	ng	97
86) Indeno(1,2,3-cd)pyrene	28.64	276	52087	2.823	ng	99
88) Benzo(b)fluoranthene	23.90	252	110908	7.386	ng	97
89) Benzo(k)fluoranthene	23.97	252	34769m	2.409	ng	
90) Benzo(a)pyrene	24.78	252	65334	4.585	ng	98
92) Benzo(a,h,i)perylene	29.79	276	55012	3.812	ng	98

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

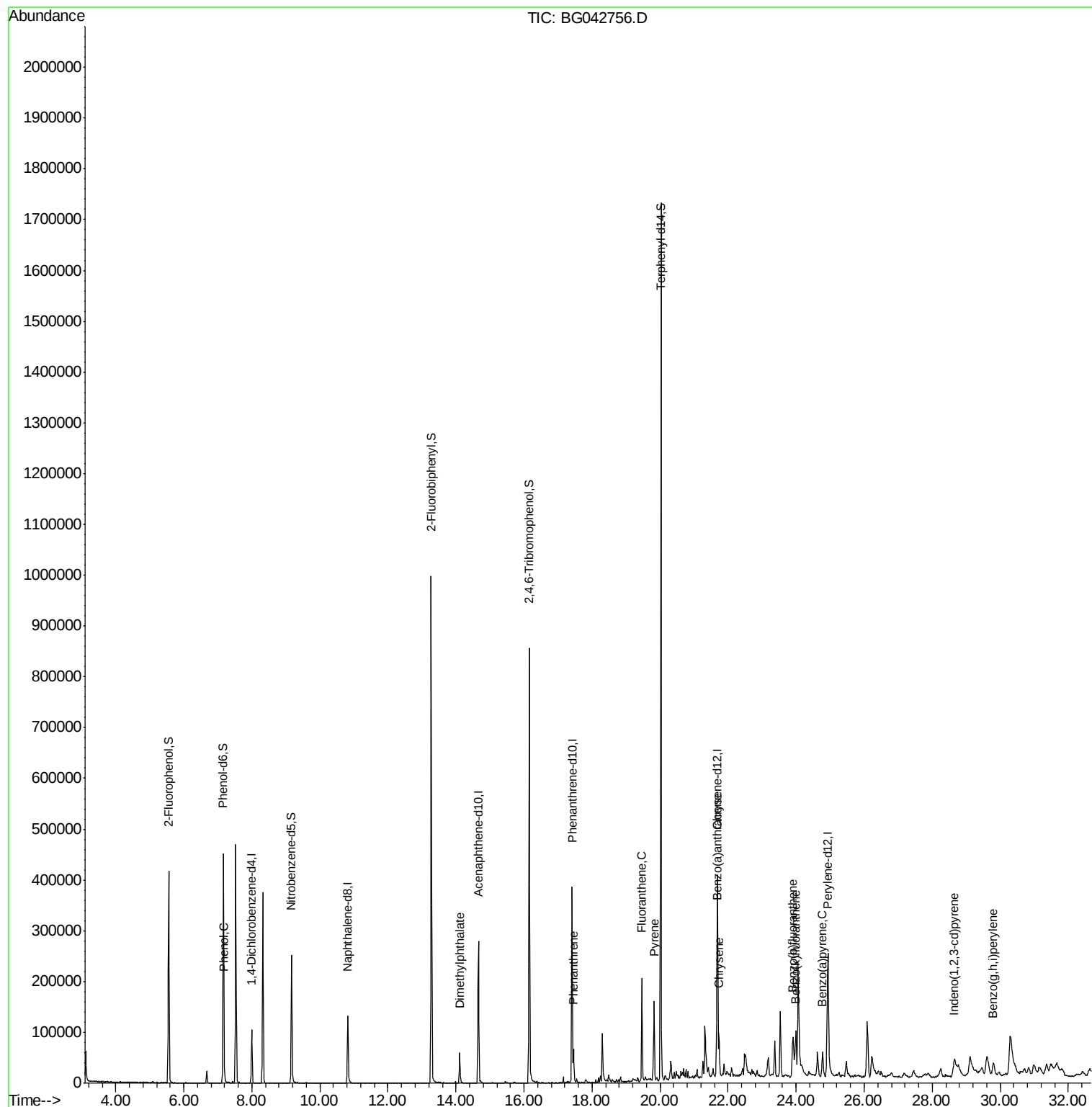
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090619\
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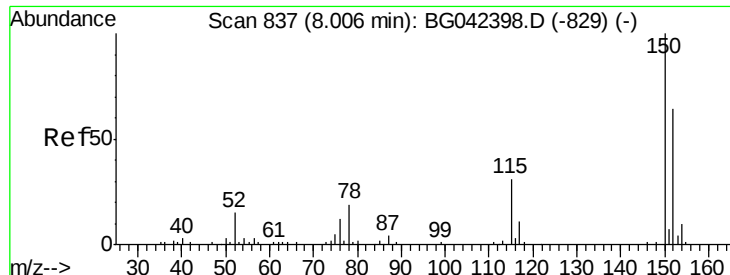
Instrument :
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S702-B1-N-0.0-0.5-090519

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Quant Time: Sep 07 01:55:23 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





#1

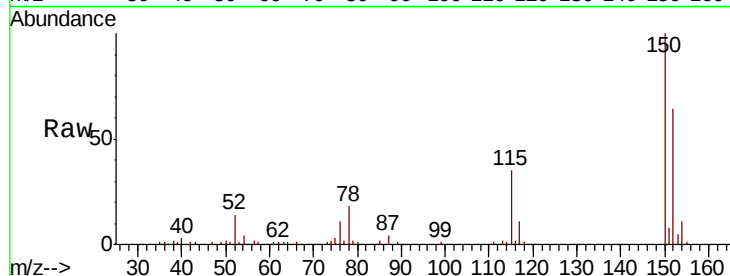
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Instrument :
BNA_G
ClientSampleId :
S702-B1-N-0.0-0.5-090519

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.4	188.0
115	54.4	38.5	57.7

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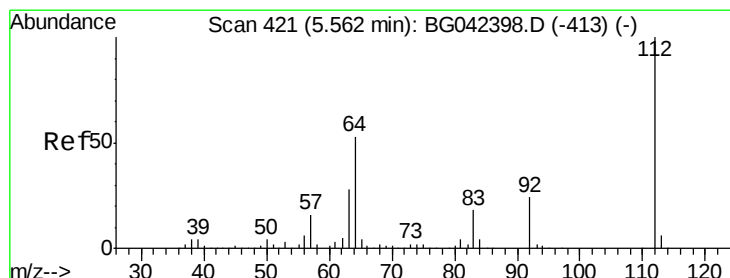
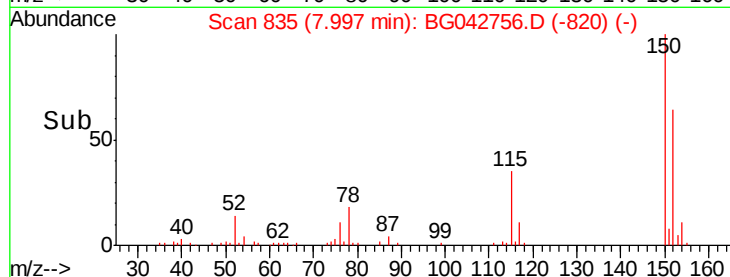
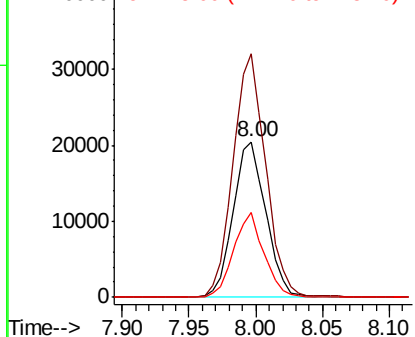


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

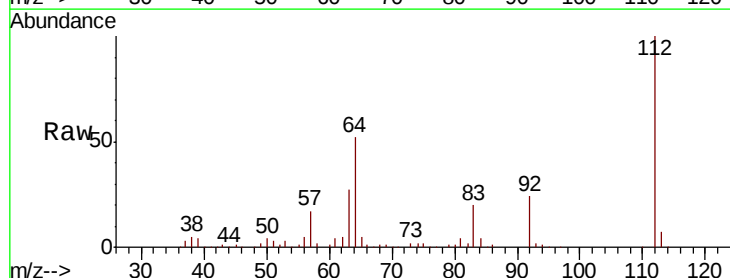
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.649 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.2	42.8	64.2
63	27.2	22.7	34.1

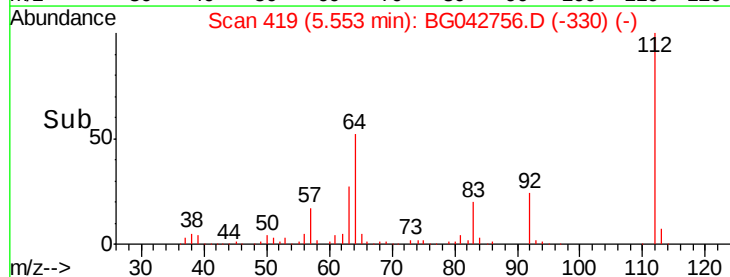
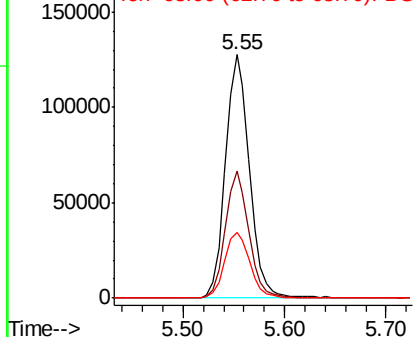


Abundance

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: 125.870 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042756.D

Acq: 6 Sep 2019 20:31

Instrument :

BNA_G

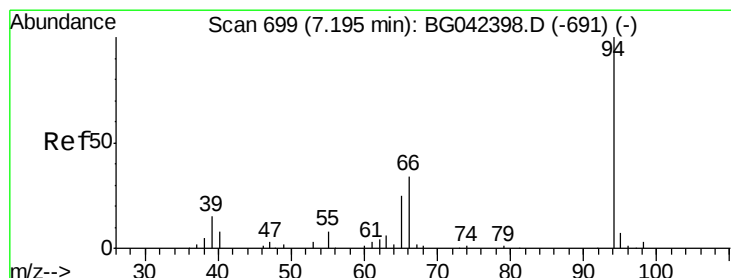
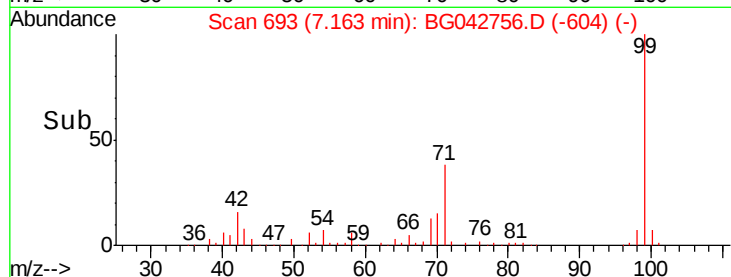
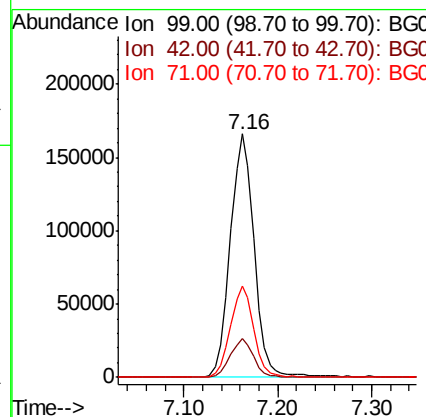
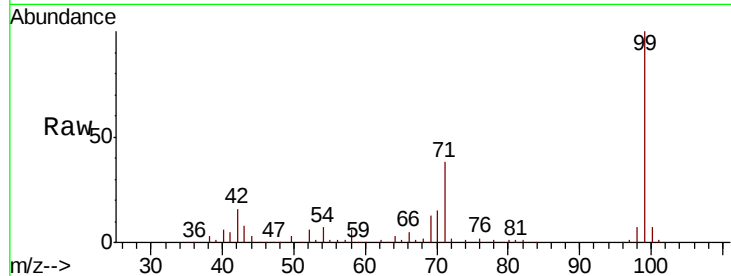
ClientSampleId :

S702-B1-N-0.0-0.5-090519

Tot Ion:	99	Resp:	292983
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.0	18.0
71	37.5	26.3	39.5

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#10

Phenol

Concen: 2.103 ng

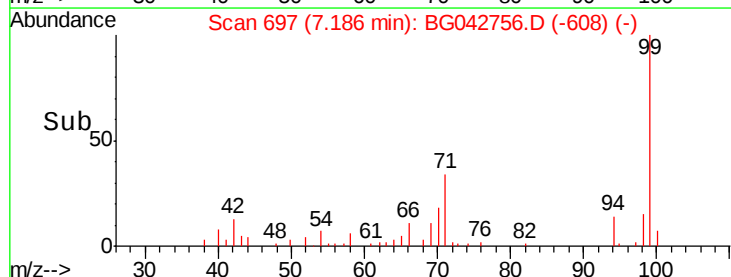
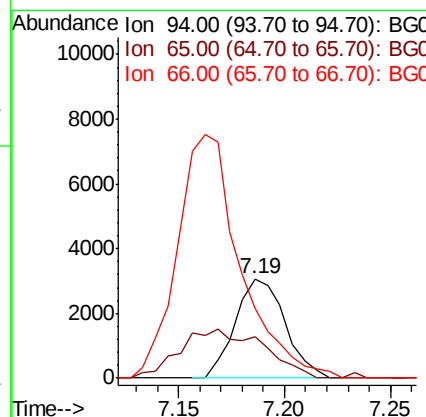
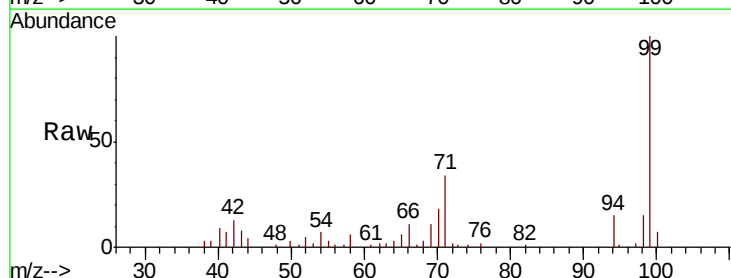
RT: 7.19 min Scan# 697

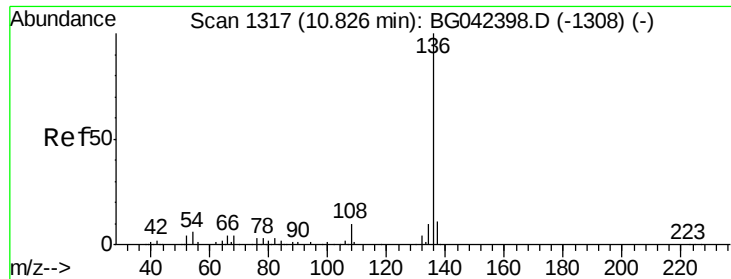
Delta R.T. -0.01 min

Lab File: BG042756.D

Acq: 6 Sep 2019 20:31

Tgt Ion:	94	Resp:	4977
Ion	Ratio	Lower	Upper
94	100		
65	42.1	5.6	45.6
66	70.8	16.0	56.0#





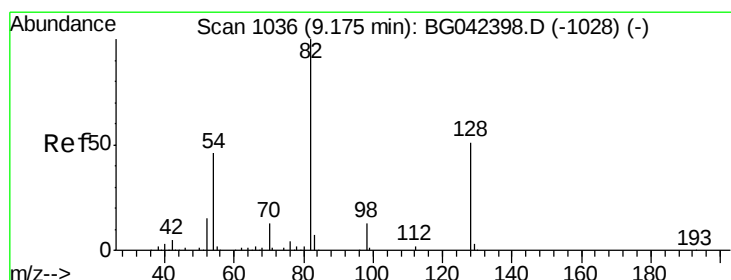
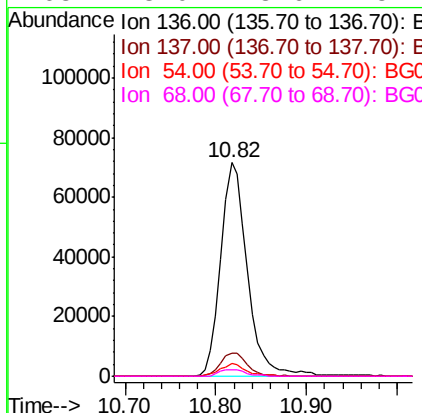
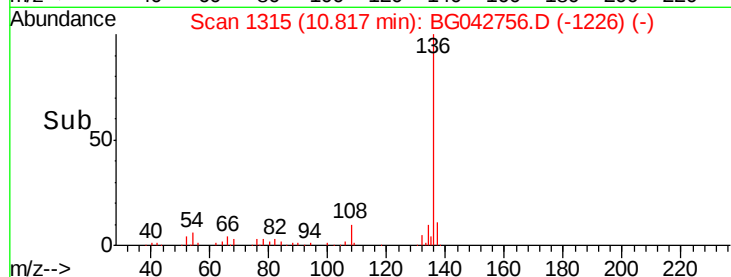
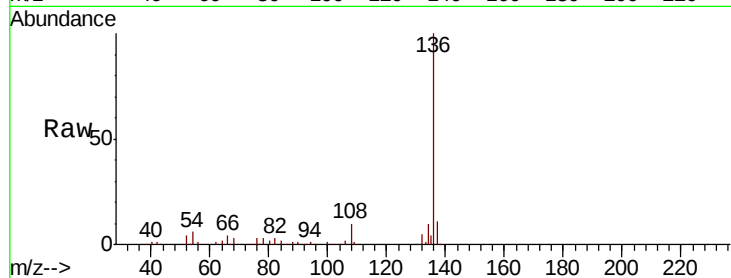
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Instrument :
BNA_G
ClientSampleId :
S702-B1-N-0.0-0.5-090519

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.7	13.1	
54	5.7	4.9	7.3	
68	3.0	3.6	5.4	

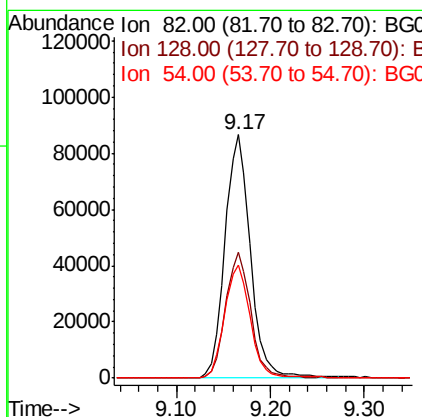
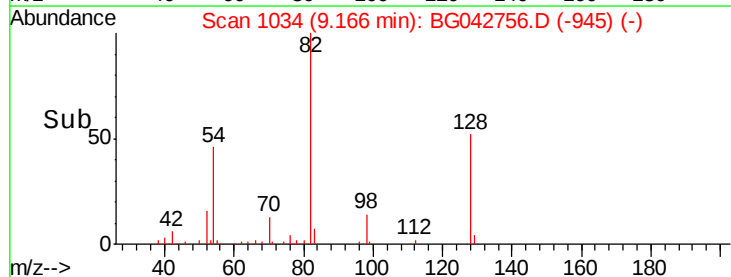
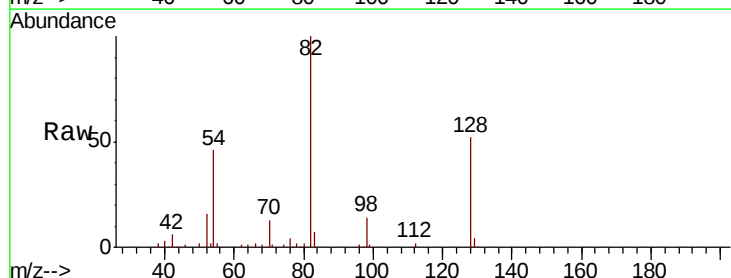
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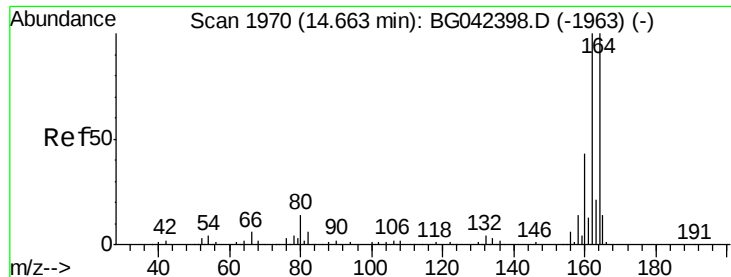
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#23
Nitrobenzene-d5
Concen: 77.137 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.6	40.7	61.1	
54	46.3	36.3	54.5	





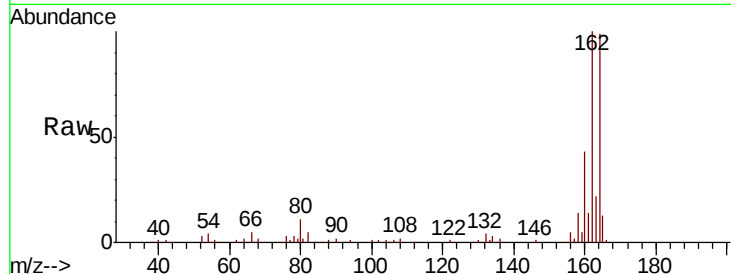
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Instrument :
BNA_G
ClientSampleId :
S702-B1-N-0.0-0.5-090519

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.9	119.9
160	43.5	34.3	51.5

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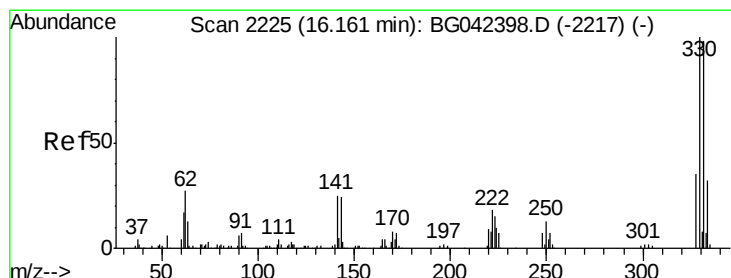
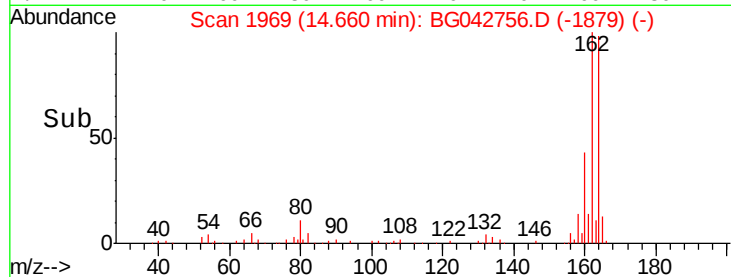
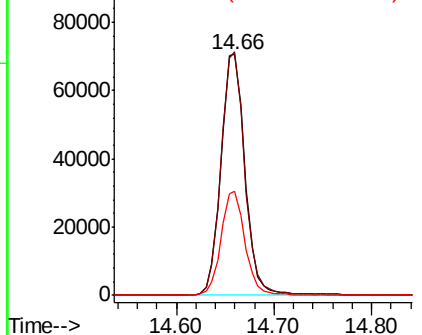


Abundance

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: 129.904 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

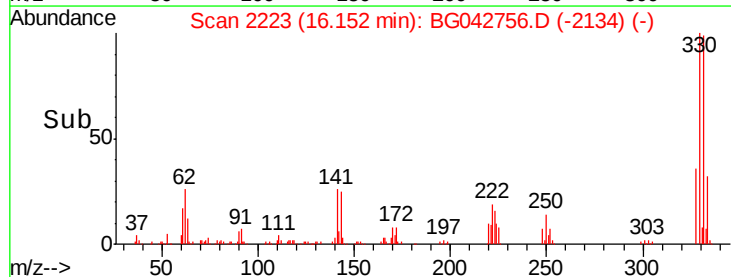
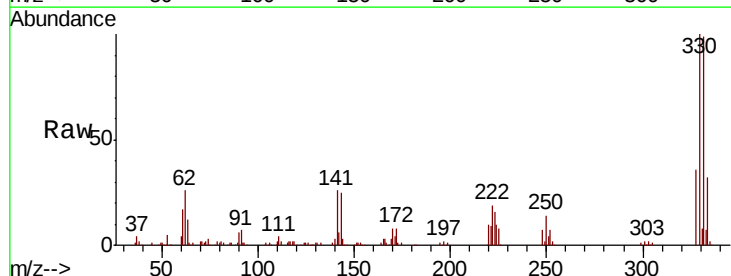
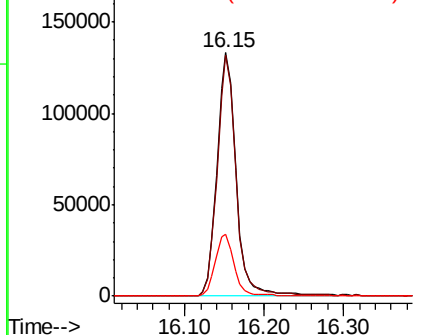
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.0
141	26.1	21.4	32.0

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





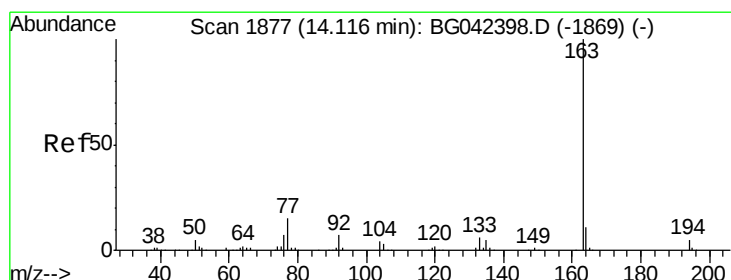
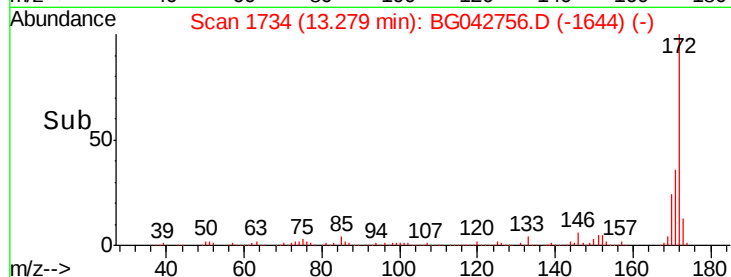
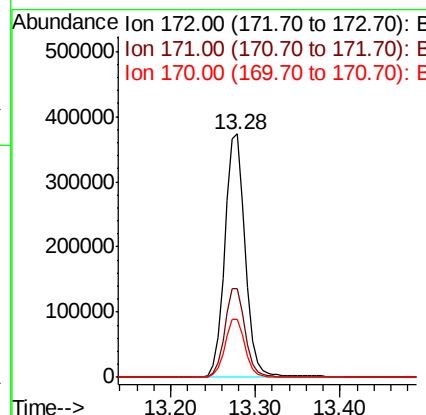
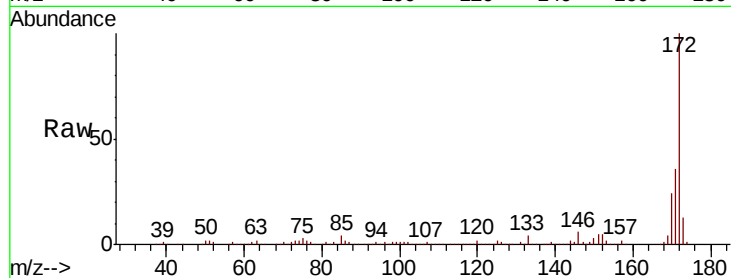
#45
2-Fluorobiphenyl
Concen: 88.131 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Instrument :
BNA_G
ClientSampleId :
S702-B1-N-0.0-0.5-090519

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	24.0	20.2	30.2

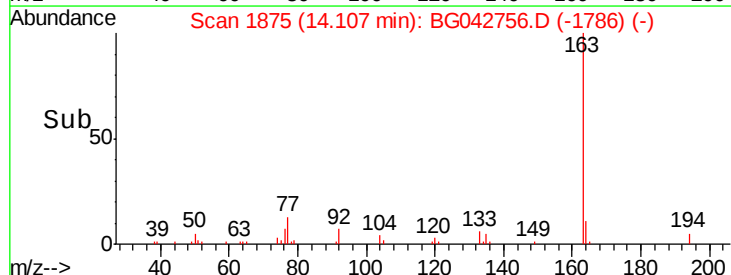
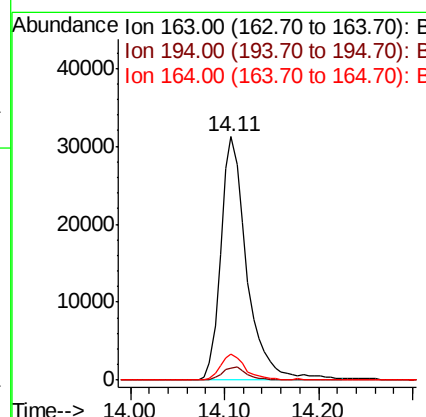
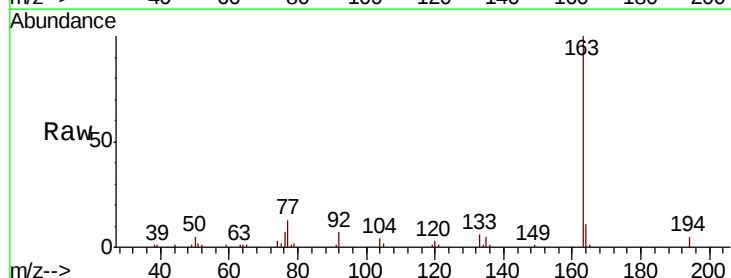
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#50
Dimethylphthalate
Concen: 6.945 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	10.7	8.8	13.2





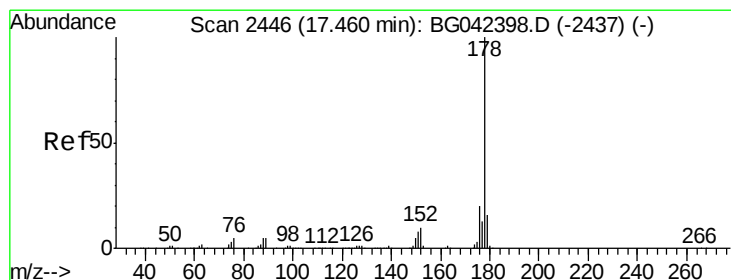
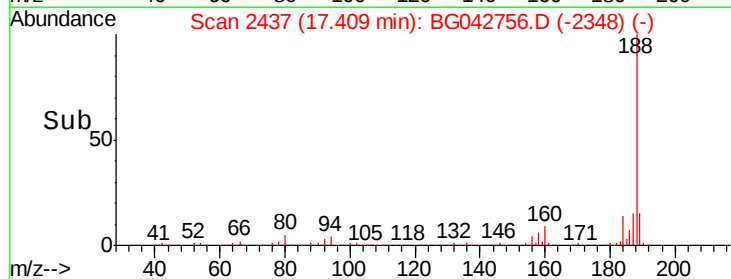
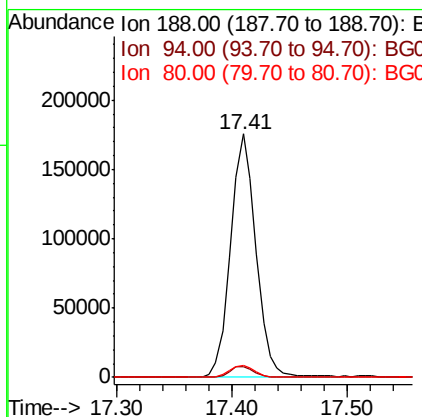
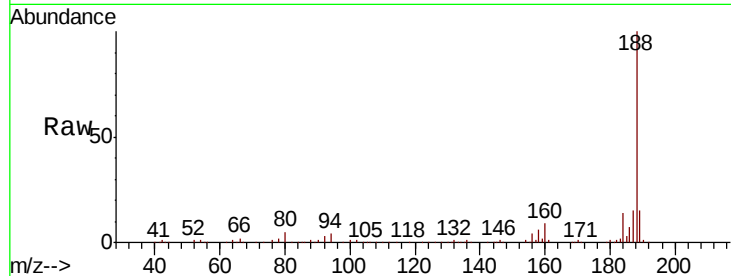
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042756.D
 Acq: 6 Sep 2019 20:31

Instrument :
 BNA_G
 ClientSampleId :
 S702-B1-N-0.0-0.5-090519

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.2	4.5	6.7#
80	4.7	4.9	7.3#

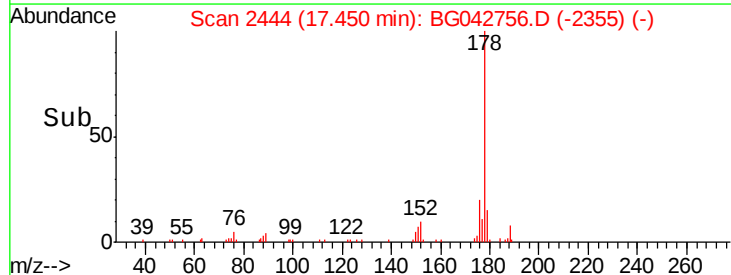
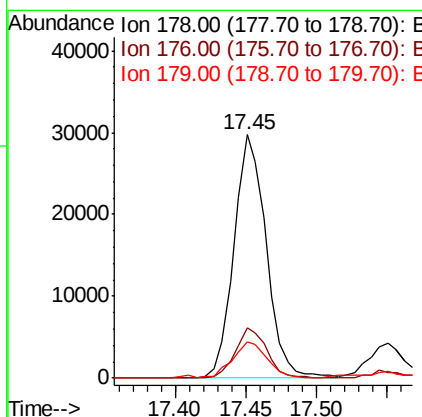
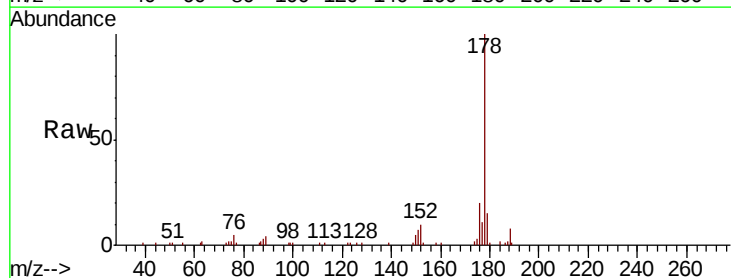
Manual Integrations
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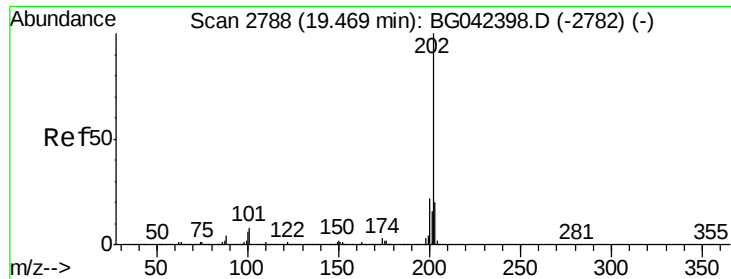
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#71
 Phenanthrene
 Concen: 3.570 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BG042756.D
 Acq: 6 Sep 2019 20:31

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	20.5	15.9	23.9
179	14.9	12.7	19.1





#75

Fluoranthene

Concen: 8.205 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042756.D

Acq: 6 Sep 2019 20:31

Instrument :

BNA_G

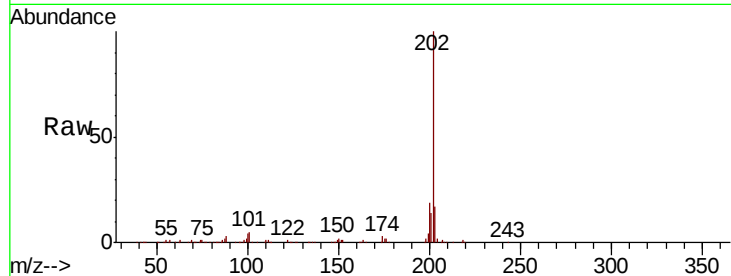
ClientSampleId :

S702-B1-N-0.0-0.5-090519

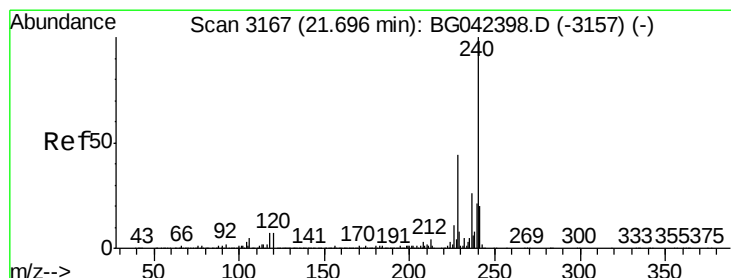
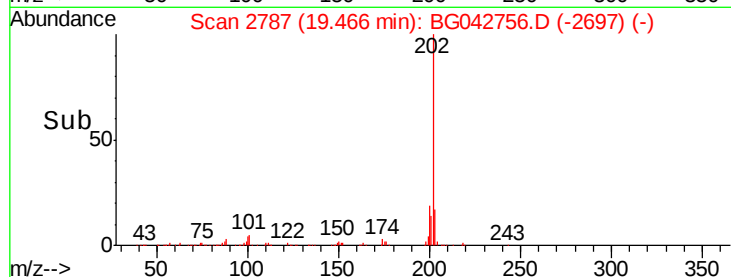
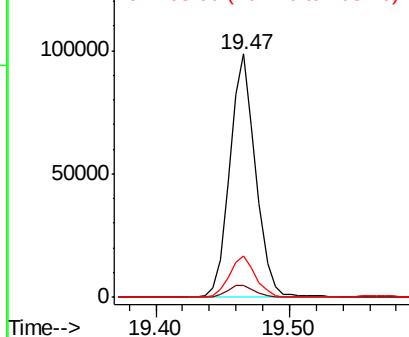
Tot Ion	Ratio	Resp	Lower	Upper
202	100	133277		
101	5.1	0.0	28.3	
203	17.1	0.0	39.6	

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

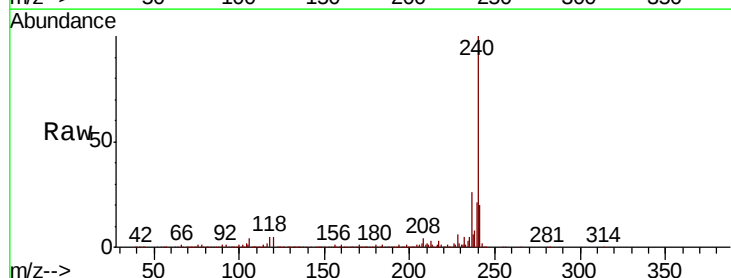
RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

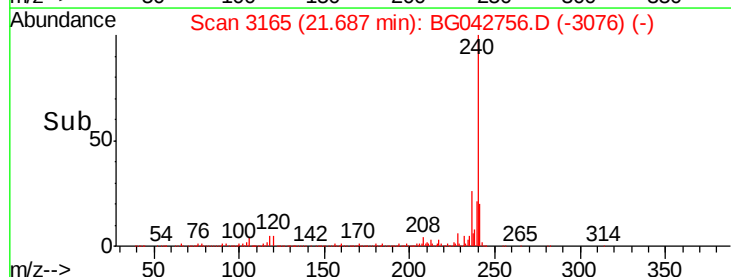
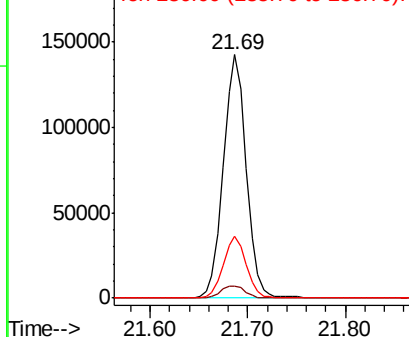
Lab File: BG042756.D

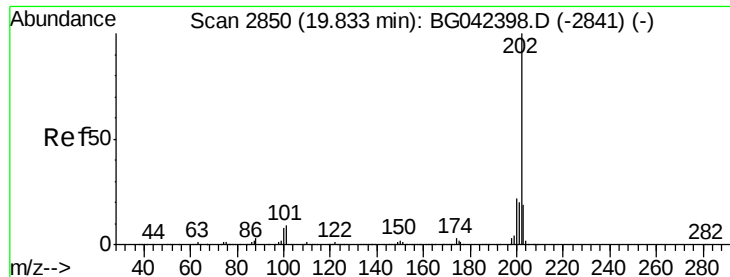
Acq: 6 Sep 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	231462		
120	5.0	5.7	8.5#	
236	25.6	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: 8.047 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG042756.D

Acq: 6 Sep 2019 20:31

Instrument :

BNA_G

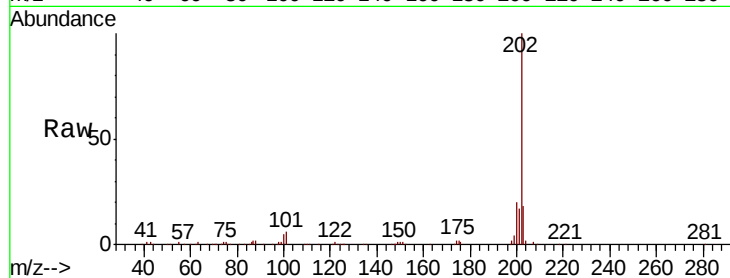
ClientSampleId :

S702-B1-N-0.0-0.5-090519

Tot Ion:	202	Resp:	114194
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.8	26.6
203	18.0	15.5	23.3

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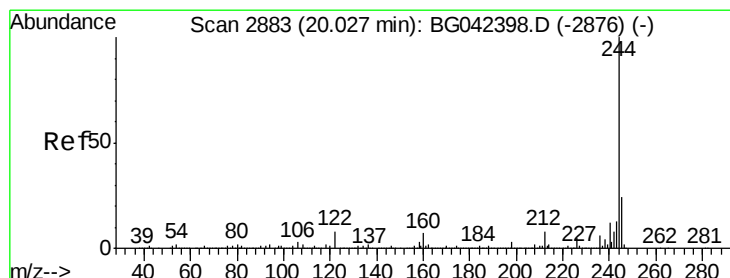
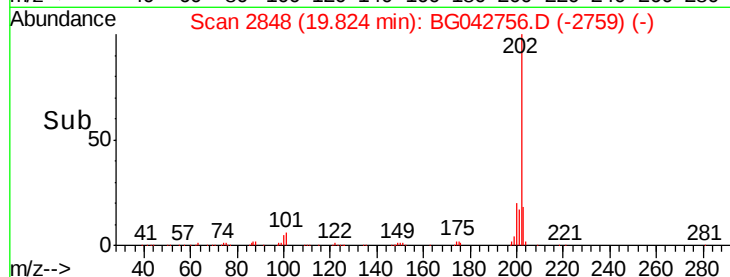
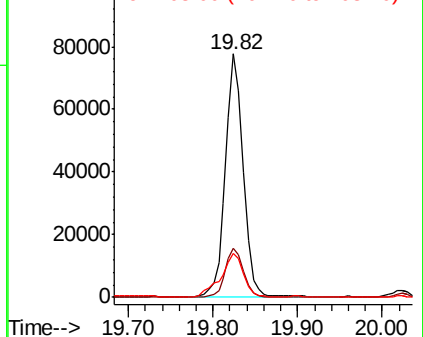


Abundance

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: 89.654 ng

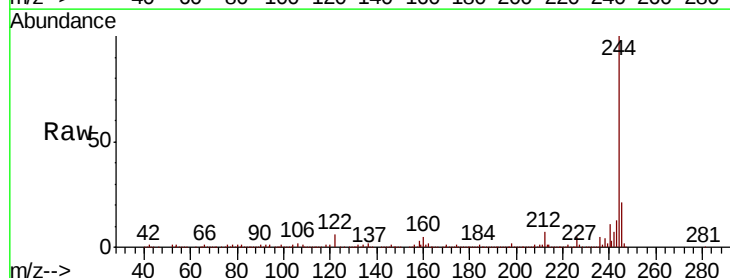
RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042756.D

Acq: 6 Sep 2019 20:31

Tgt Ion:	244	Resp:	959861
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	6.0	6.7	10.1#

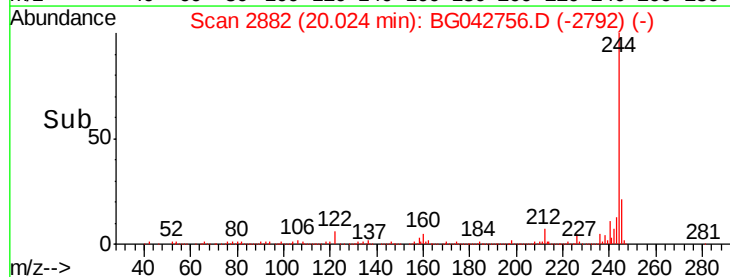
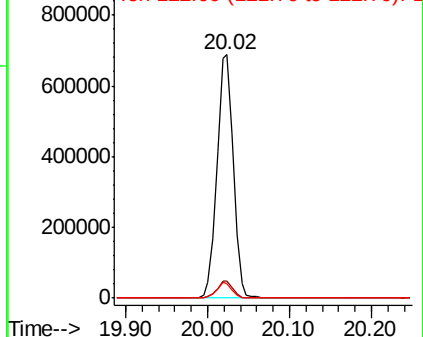


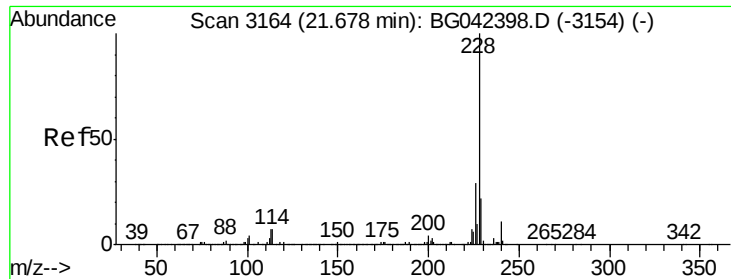
Abundance

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: 3.765 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG042756.D

Acq: 6 Sep 2019 20:31

Instrument :

BNA_G

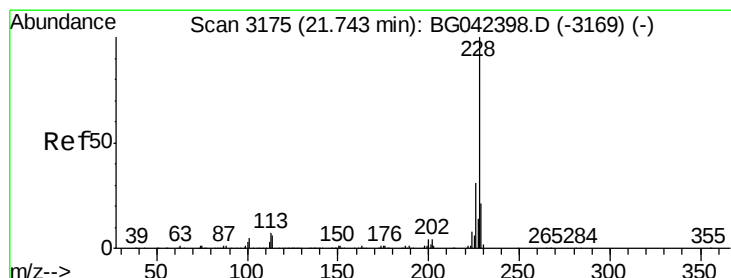
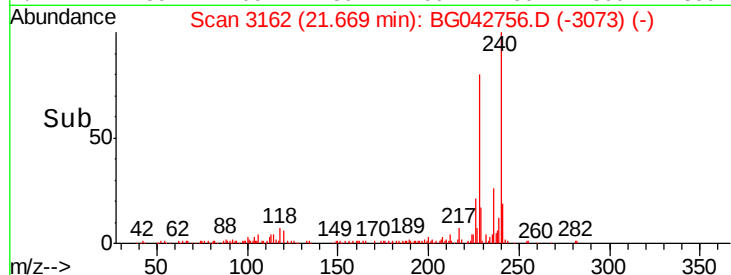
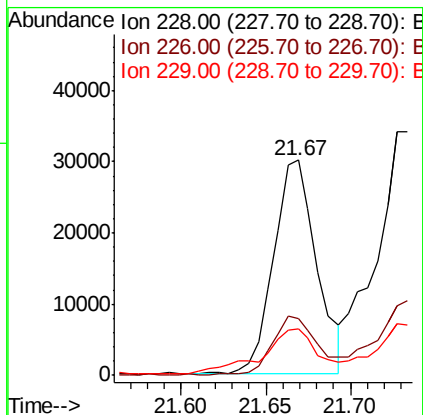
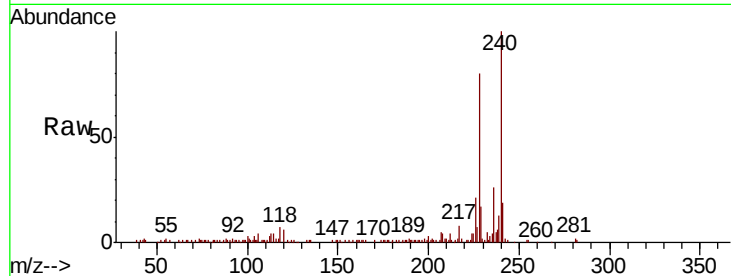
ClientSampleId :

S702-B1-N-0.0-0.5-090519

Tot Ion:	228	Resp:	53013
Ion Ratio	Lower	Upper	
228	100		
226	26.3	23.4	35.2
229	21.7	17.4	26.2

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#83

Chrysene

Concen: 5.076 ng

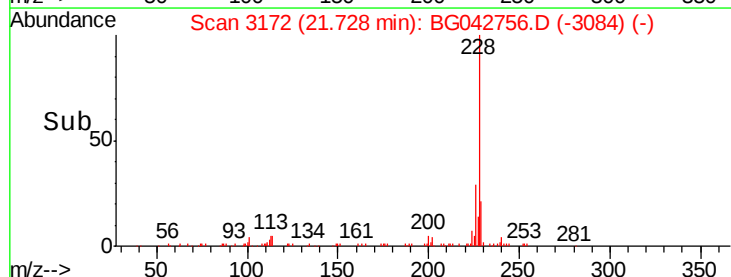
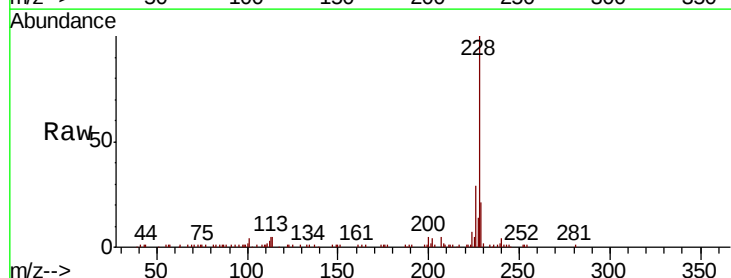
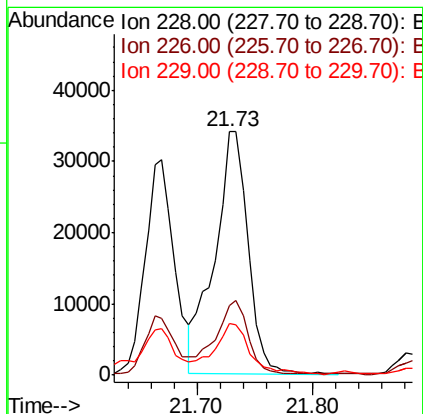
RT: 21.73 min Scan# 3172

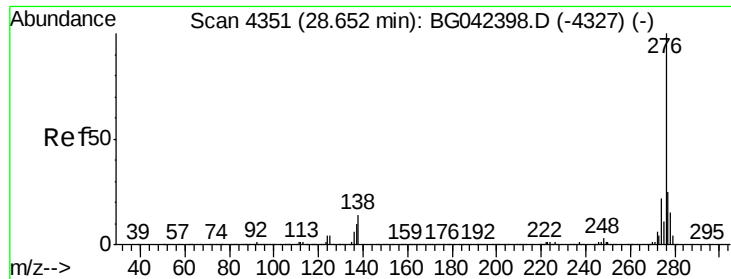
Delta R.T. -0.01 min

Lab File: BG042756.D

Acq: 6 Sep 2019 20:31

Tgt Ion:	228	Resp:	68928
Ion Ratio	Lower	Upper	
228	100		
226	28.5	24.9	37.3
229	21.0	16.9	25.3





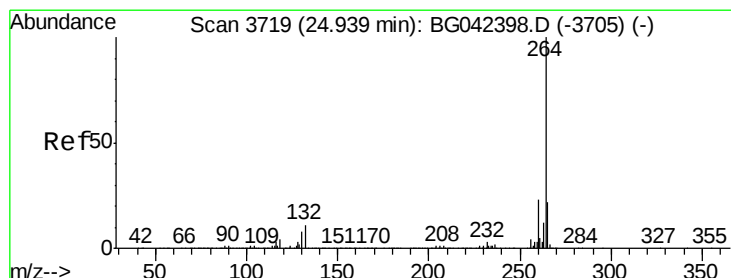
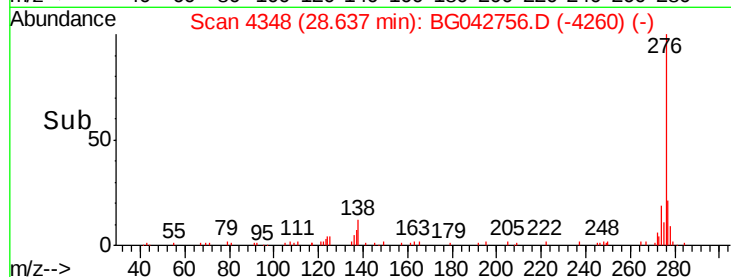
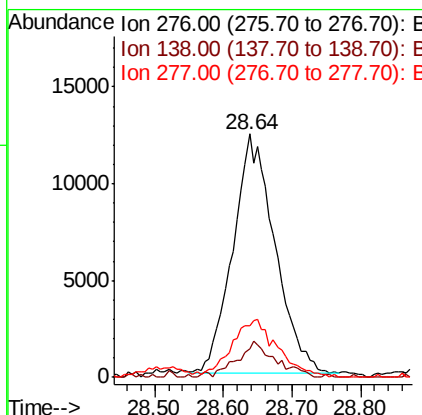
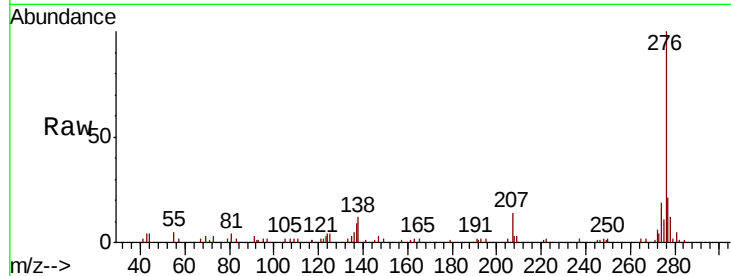
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.823 ng
RT: 28.64 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Instrument :
BNA_G
ClientSampleId :
S702-B1-N-0.0-0.5-090519

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.3	9.2	13.8
277	26.7	21.0	31.6

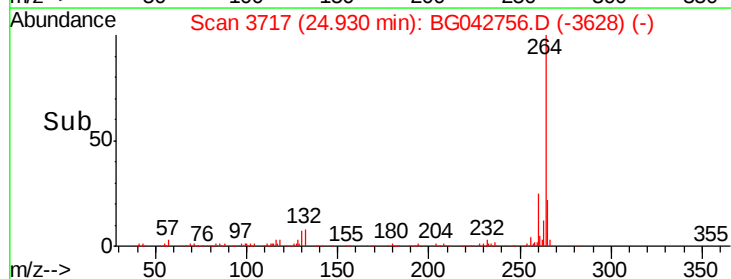
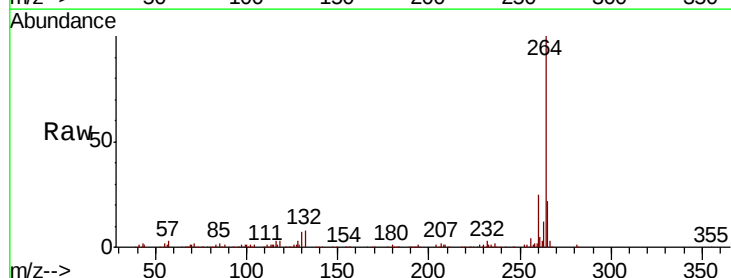
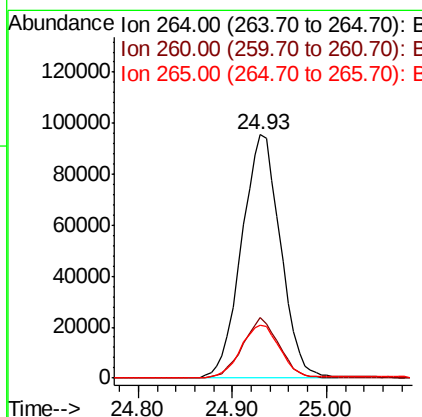
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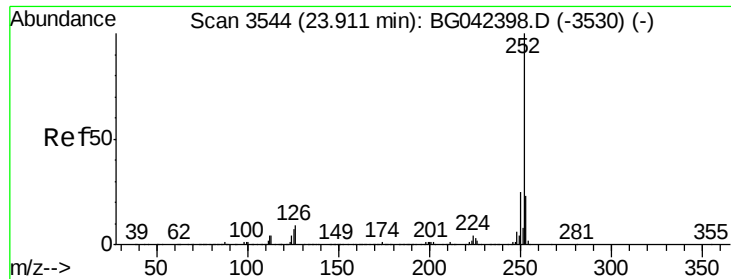
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.5	27.7
265	21.6	17.6	26.4





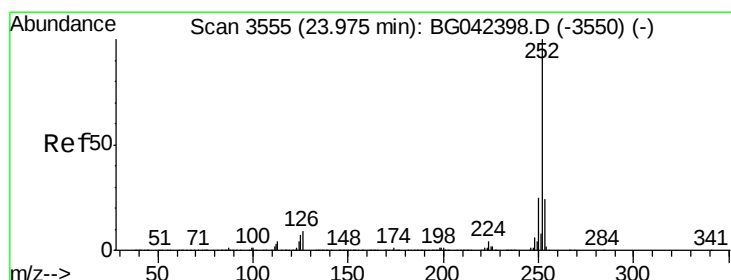
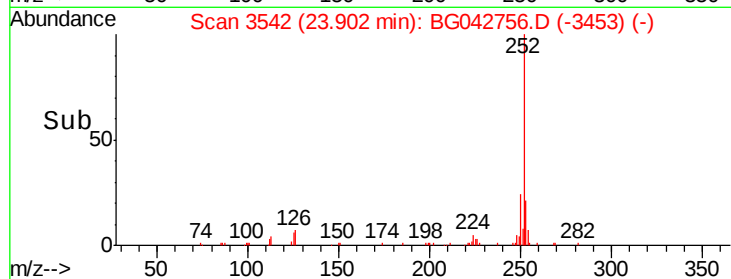
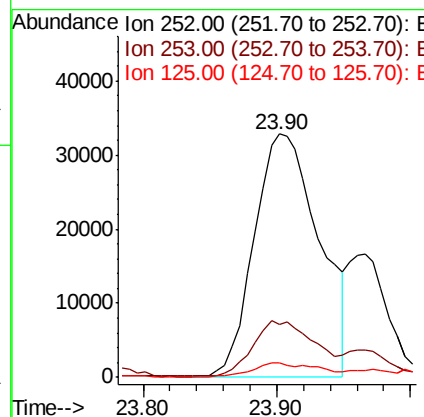
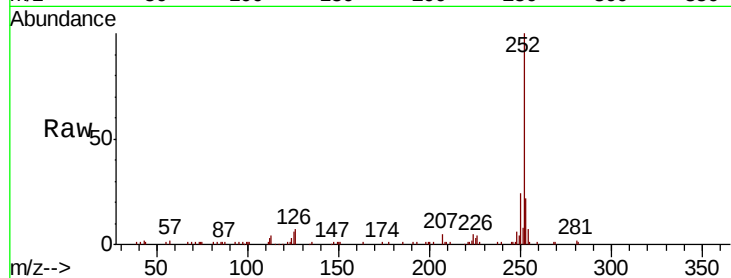
#88
Benzo(b)fluoranthene
Concen: 7.386 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Instrument :
BNA_G
ClientSampleId :
S702-B1-N-0.0-0.5-090519

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.6	27.8
125	6.0	5.6	8.4

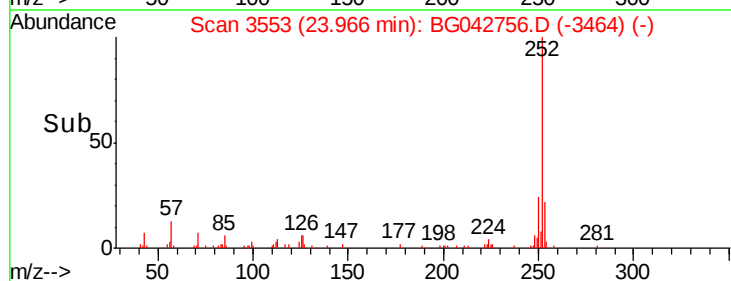
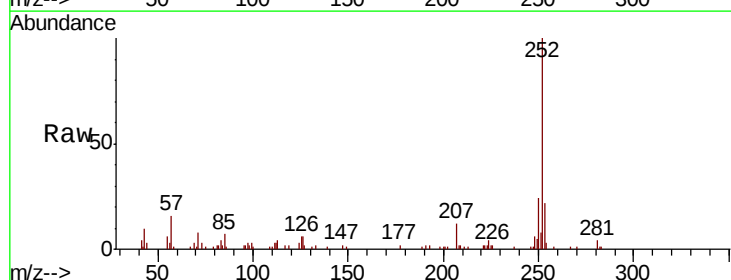
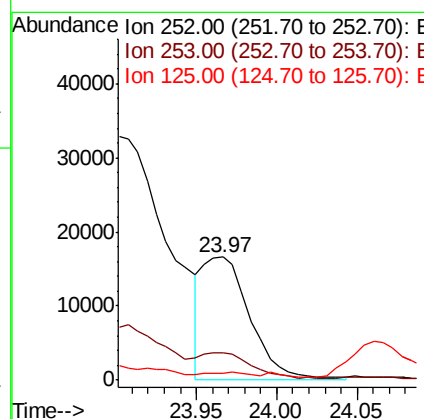
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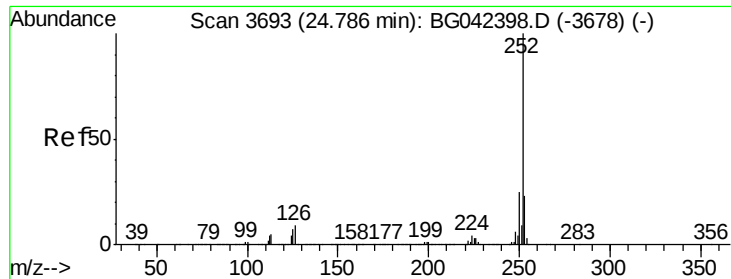
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#89
Benzo(k)fluoranthene
Concen: 2.409 ng m
RT: 23.97 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	5.9	5.8	8.6





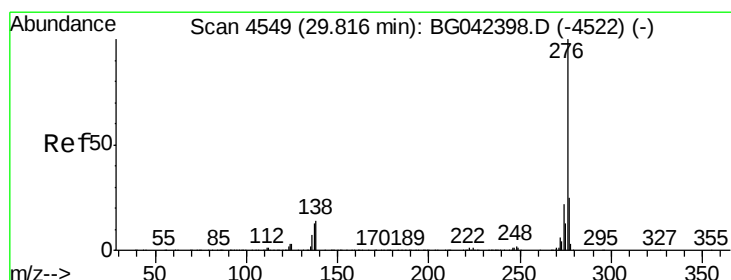
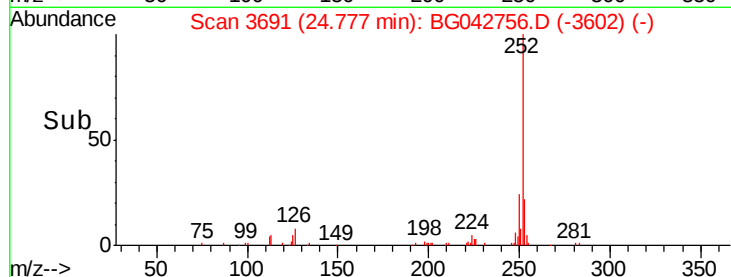
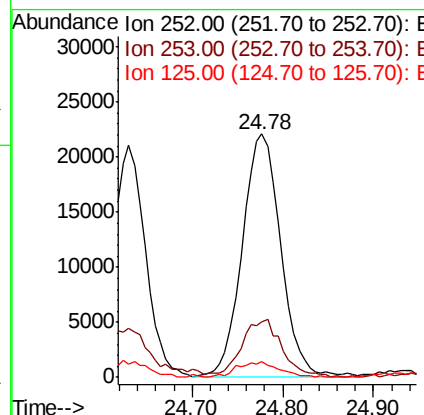
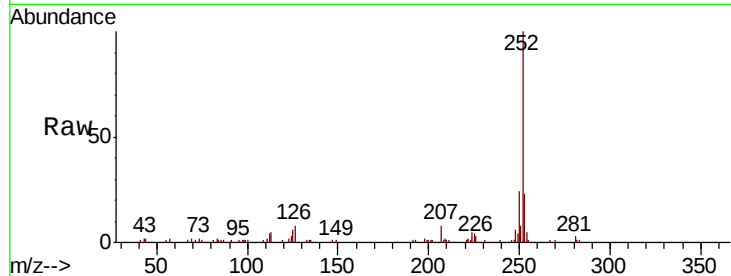
#90
Benzo(a)pyrene
Concen: 4.585 ng
RT: 24.78 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Instrument :
BNA_G
ClientSampleId :
S702-B1-N-0.0-0.5-090519

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	6.3	6.0	9.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 3.812 ng
RT: 29.79 min Scan# 4545
Delta R.T. -0.02 min
Lab File: BG042756.D
Acq: 6 Sep 2019 20:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	12.4	11.4	17.0

