

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042568.D
 Acq On : 29 Aug 2019 16:54
 Operator : HP/JU
 Sample : K4573-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S702A-N-0.0-0.5-082719

Manual Integrations
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Quant Time: Aug 29 17:46:37 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	28128	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	112348	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	90649	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	225048	20.00	ng	0.00
76) Chrysene-d12	21.69	240	252154	20.00	ng	0.00
87) Perylene-d12	24.94	264	300819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	150773	108.56	ng	0.00
7) Phenol-d6	7.16	99	205559	109.57	ng	0.00
23) Nitrobenzene-d5	9.17	82	117432	72.23	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	163019	126.53	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	417413	77.88	ng	0.00
79) Terphenyl-d14	20.03	244	867109	74.34	ng	0.00
Target Compounds						
10) Phenol	7.19	94	10758	5.640	ng	Qvalue # 75
32) Benzoic acid	10.19	122	4167m	11.522	ng	
50) Dimethylphthalate	14.10	163	36757	5.620	ng	100
71) Phenanthrene	17.45	178	45239	4.047	ng	98
75) Fluoranthene	19.47	202	135728	9.949	ng	95
78) Pyrene	19.83	202	119836	7.752	ng	97
81) Benzo(a)anthracene	21.67	228	65156	4.248	ng	97
83) Chrysene	21.74	228	78981	5.339	ng	98
86) Indeno(1,2,3-cd)pyrene	28.66	276	49813	2.478	ng	97
88) Benzo(b)fluoranthene	23.91	252	112211	6.785	ng	99
89) Benzo(k)fluoranthene	23.97	252	41540m	2.613	ng	
90) Benzo(a)pyrene	24.78	252	73062	4.656	ng	97
92) Benzo(a,h,i)perylene	29.81	276	49435	3.111	ng	98

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

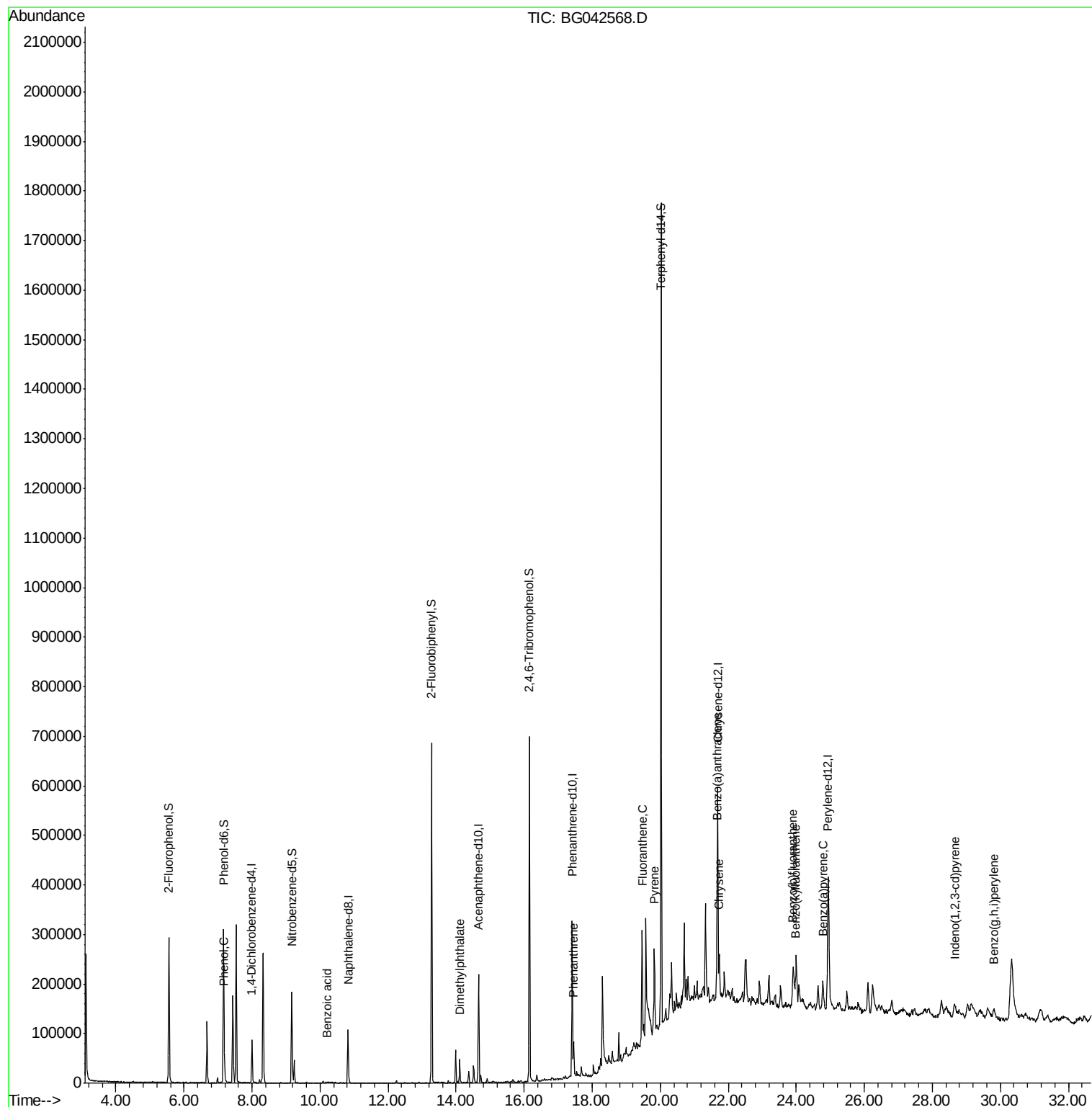
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042568.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

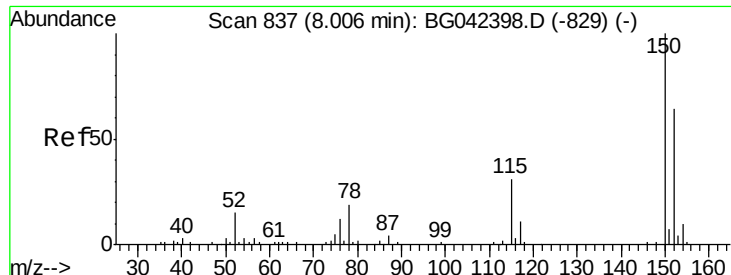
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#1

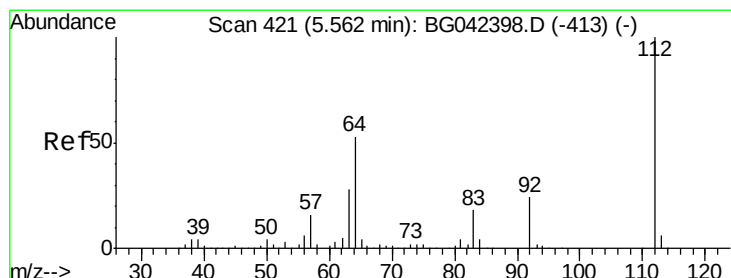
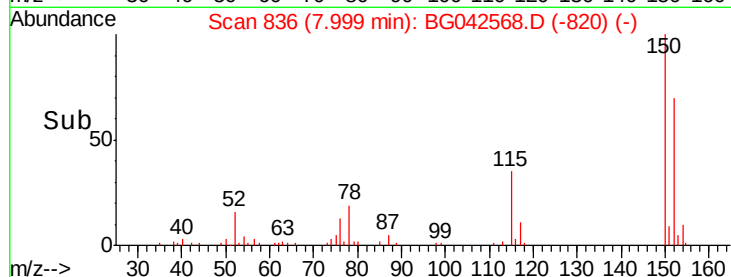
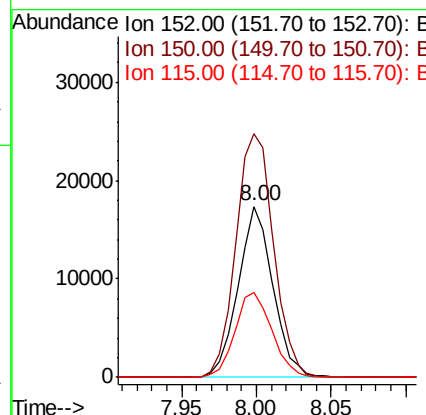
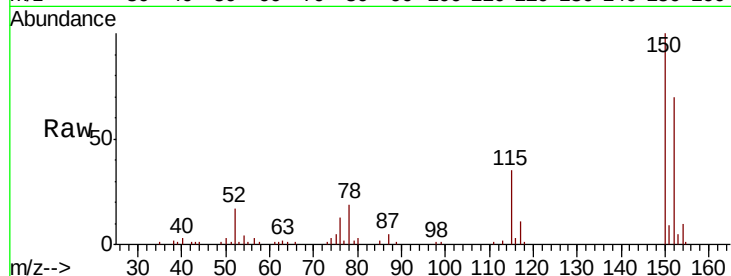
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Instrument :
BNA_G
ClientSampleId :
S702A-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.3	125.4	188.0
115	49.5	38.5	57.7

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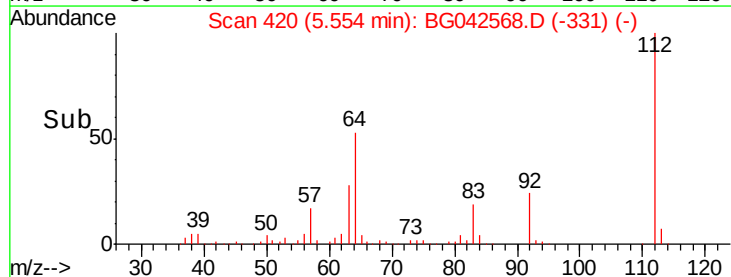
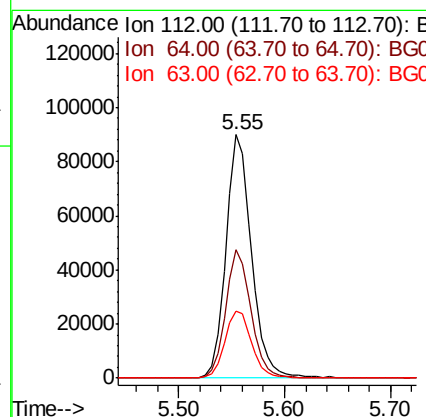
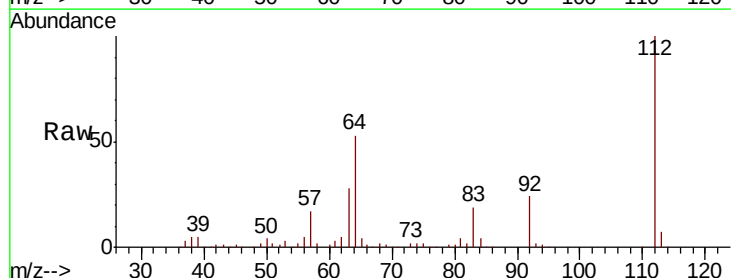
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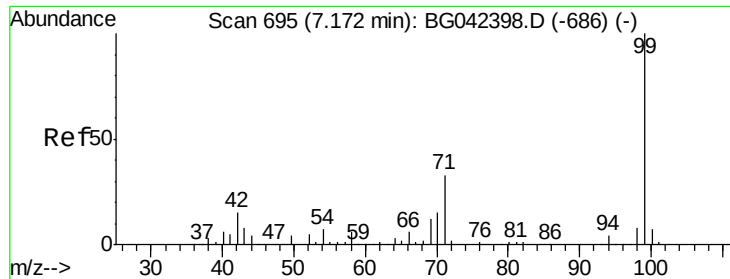


#5

2-Fluorophenol
Concen: 108.561 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.8	64.2
63	27.7	22.7	34.1





#7

Phenol-d6

Concen: 109.573 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042568.D

Acq: 29 Aug 2019 16:54

Instrument :

BNA_G

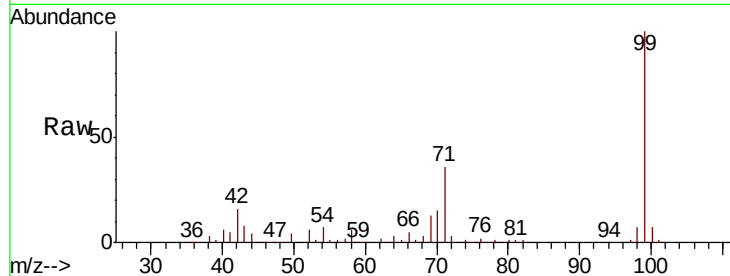
ClientSampleId :

S702A-N-0.0-0.5-082719

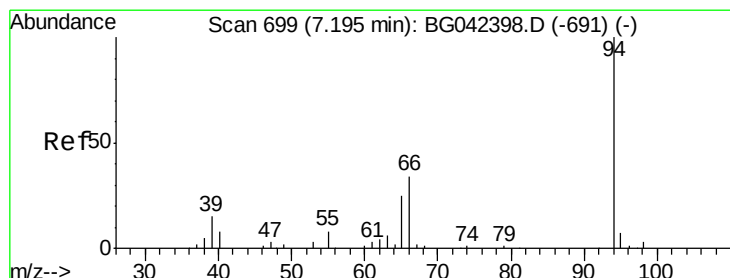
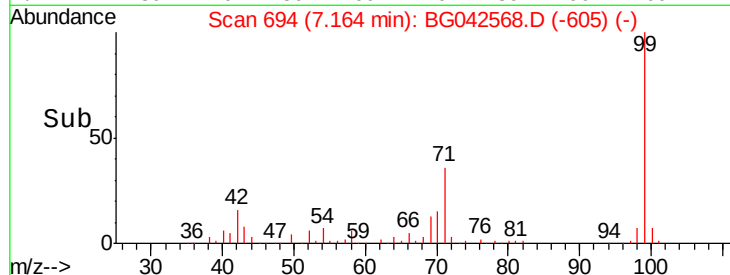
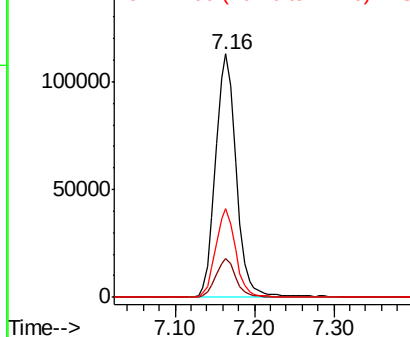
Tot Ion:	99	Resp:	205559
Ion	Ratio	Lower	Upper
99	100		
42	15.9	12.0	18.0
71	36.5	26.3	39.5

Manual Integrations
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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: 5.640 ng

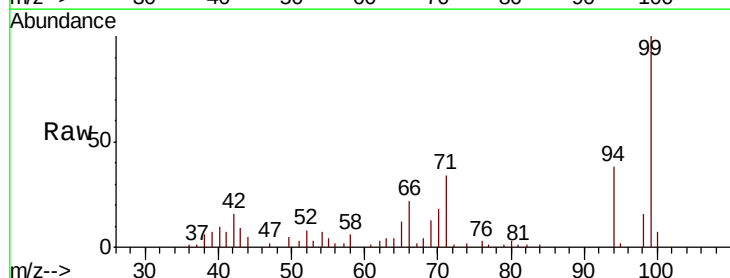
RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

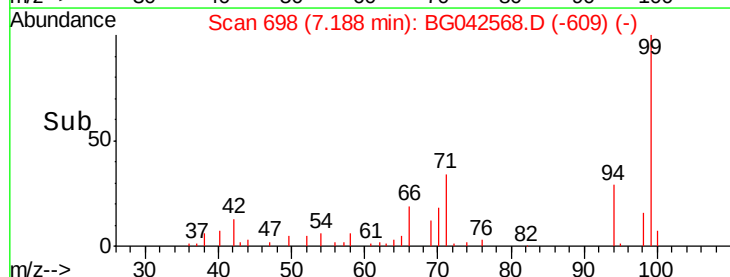
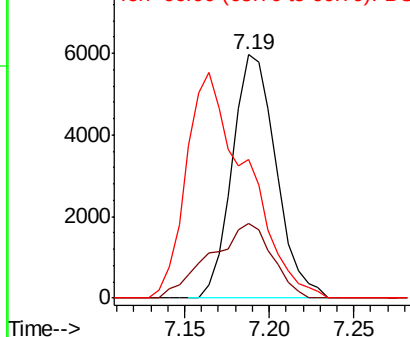
Lab File: BG042568.D

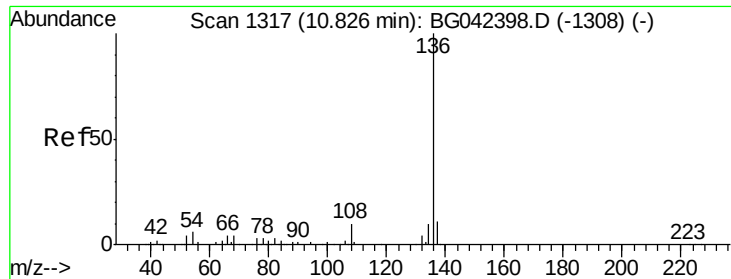
Acq: 29 Aug 2019 16:54

Tgt Ion:	94	Resp:	10758
Ion	Ratio	Lower	Upper
94	100		
65	30.6	5.6	45.6
66	57.0	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





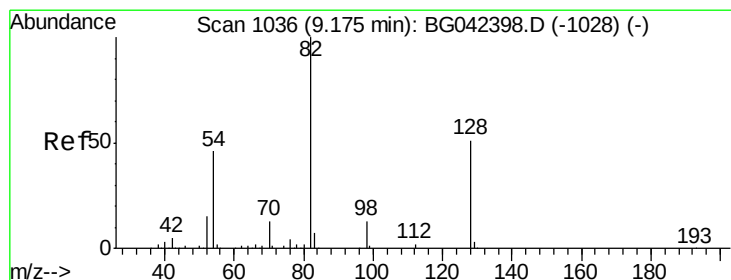
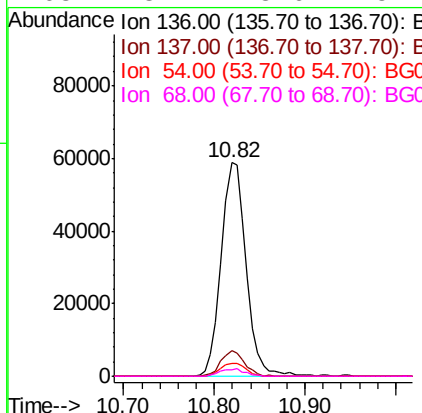
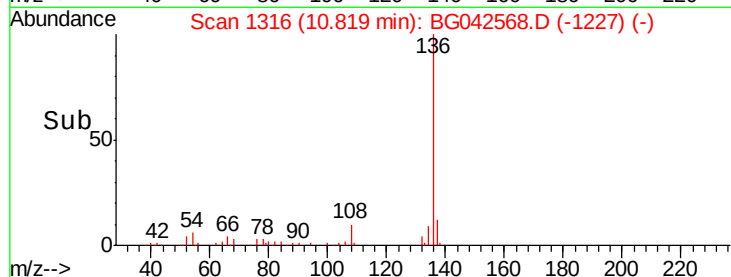
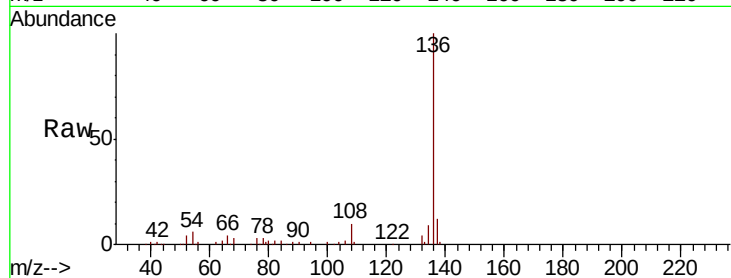
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Instrument :
BNA_G
ClientSampleId :
S702A-N-0.0-0.5-082719

Tot Ion	Ratio	Resp	Lower	Upper
136	100	112348		
137	11.7	8.7	13.1	
54	5.7	4.9	7.3	
68	3.2	3.6	5.4	

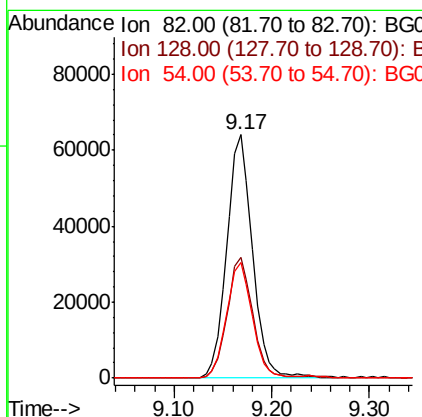
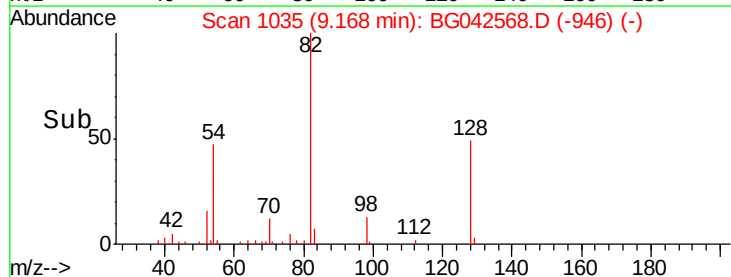
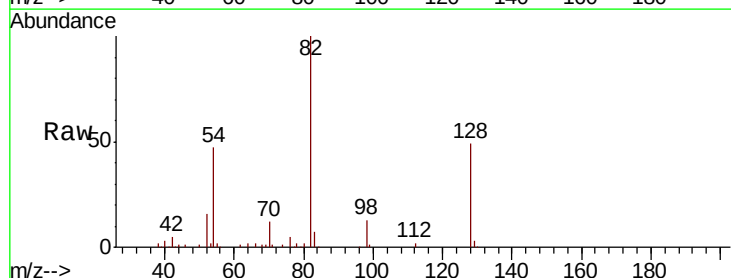
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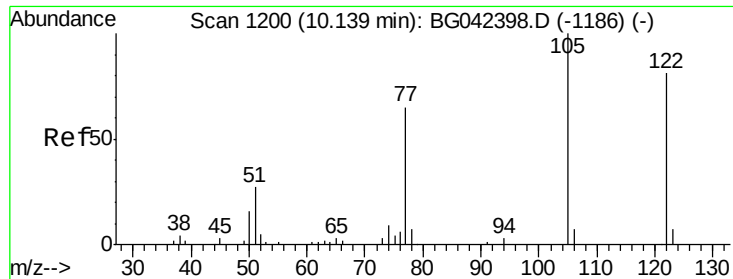
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#23
Nitrobenzene-d5
Concen: 72.231 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	117432		
128	49.4	40.7	61.1	
54	47.5	36.3	54.5	





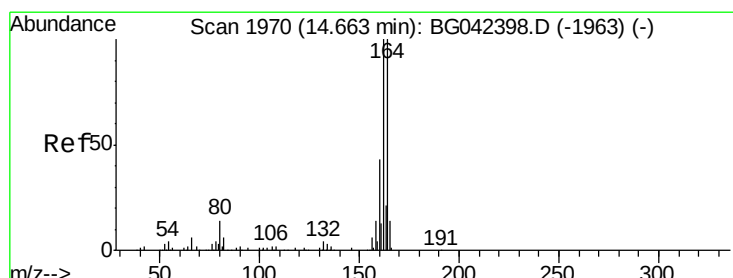
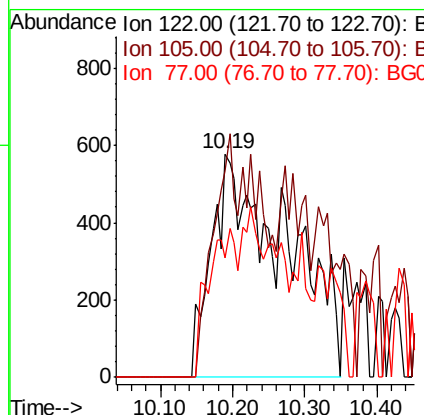
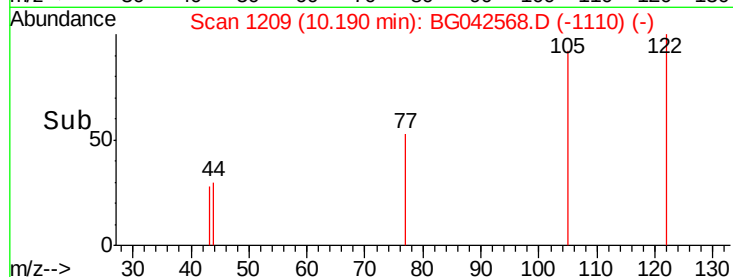
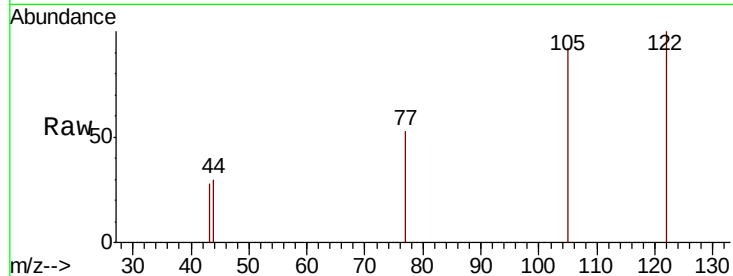
#32
Benzoic acid
Concen: 11.522 ng/mL
RT: 10.19 min Scan# 1209
Delta R.T. 0.05 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Instrument :
BNA_G
ClientSampleId :
S702A-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
122	100		
105	92.1	99.6	139.6#
77	53.2	59.5	99.5#

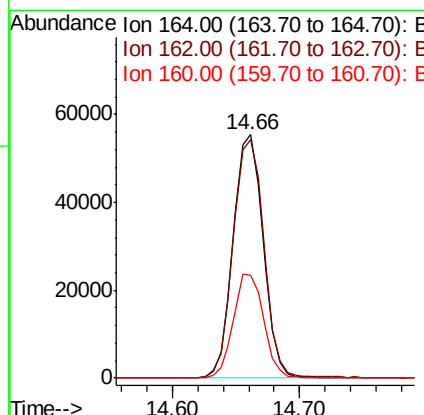
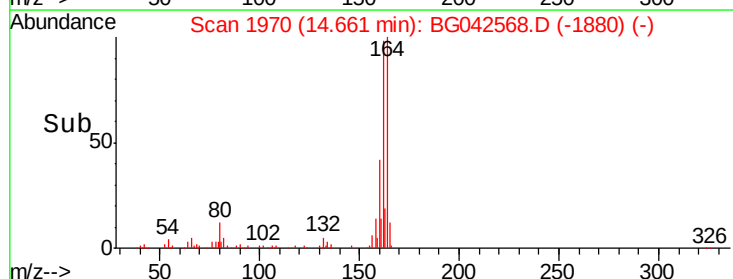
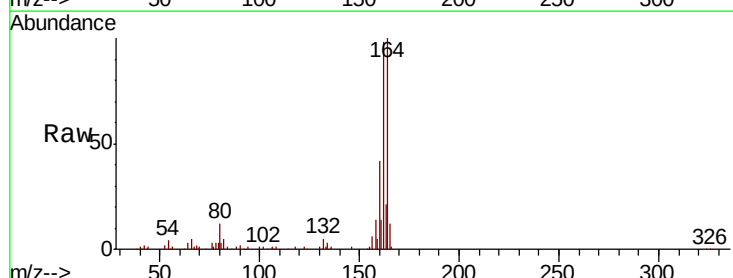
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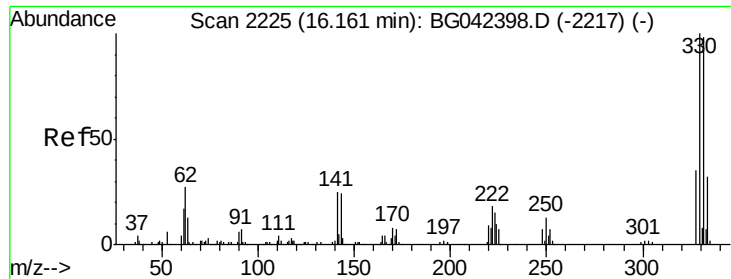
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.9	119.9
160	42.3	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 126.526 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042568.D

Acq: 29 Aug 2019 16:54

Instrument :

BNA_G

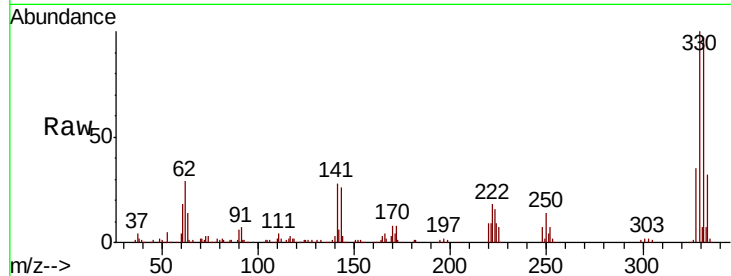
ClientSampleId :

S702A-N-0.0-0.5-082719

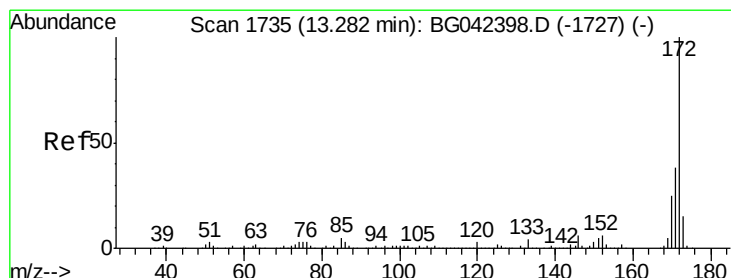
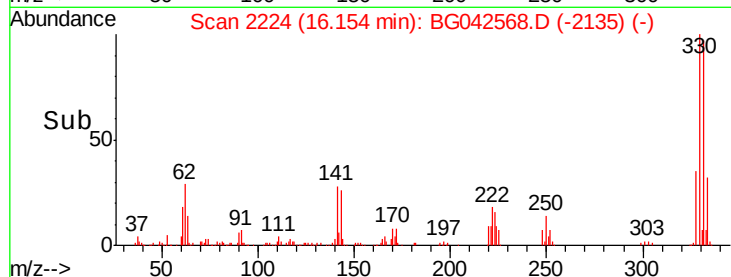
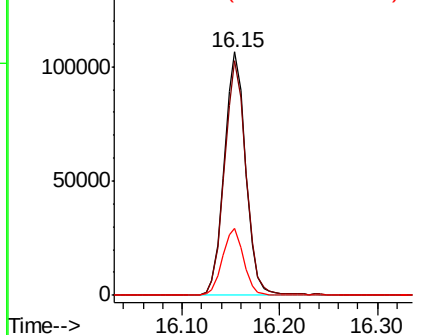
Tot Ion:	330	Resp:	163019
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.4	116.0
141	27.2	21.4	32.0

Manual Integrations
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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: 77.879 ng

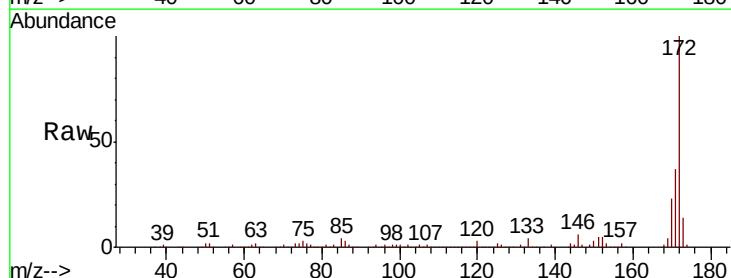
RT: 13.28 min Scan# 1735

Delta R.T. -0.00 min

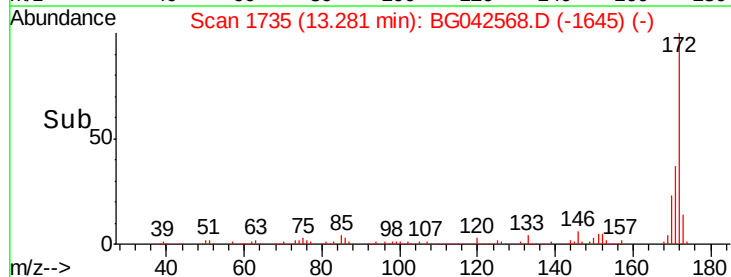
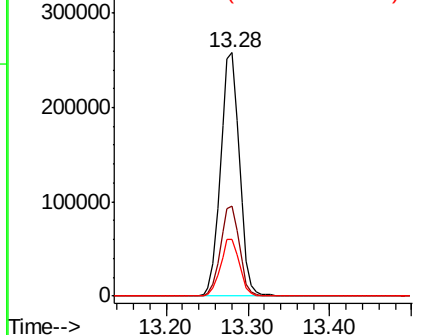
Lab File: BG042568.D

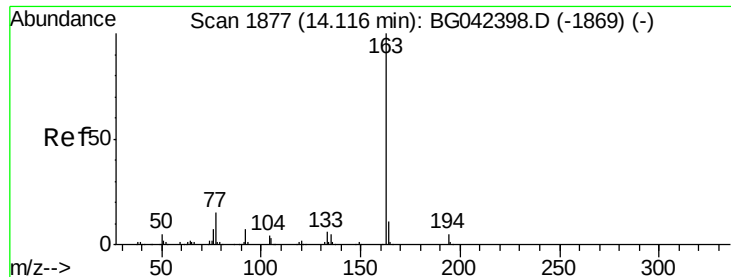
Acq: 29 Aug 2019 16:54

Tgt Ion:	172	Resp:	417413
Ion Ratio	Lower	Upper	
172	100		
171	36.9	30.5	45.7
170	23.5	20.2	30.2



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





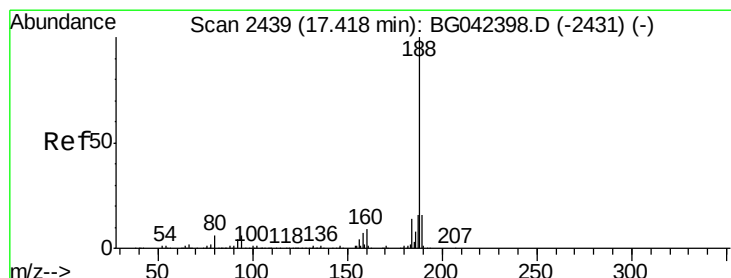
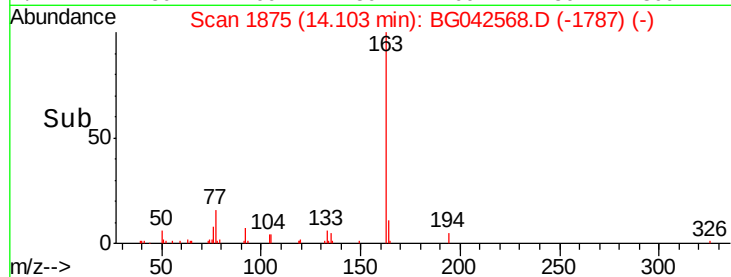
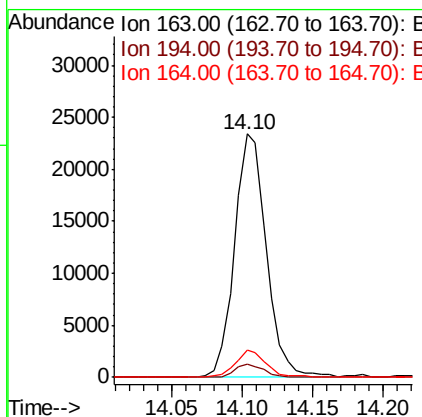
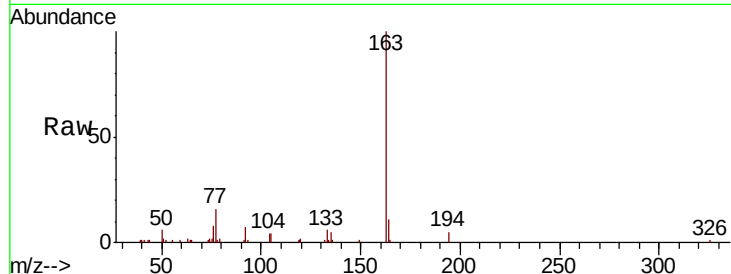
#50
Dimethylphthalate
Concen: 5.620 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Instrument :
BNA_G
ClientSampleId :
S702A-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.2	6.2
164	11.2	8.8	13.2

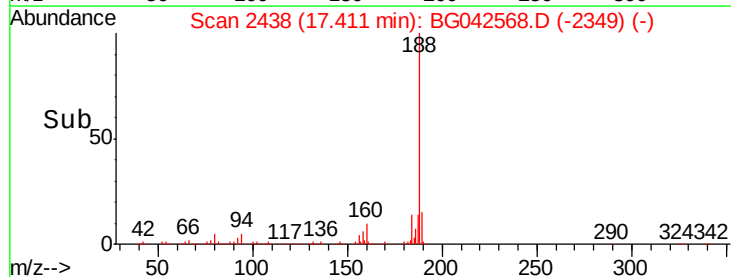
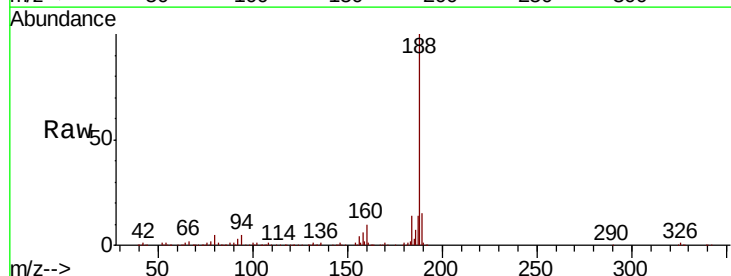
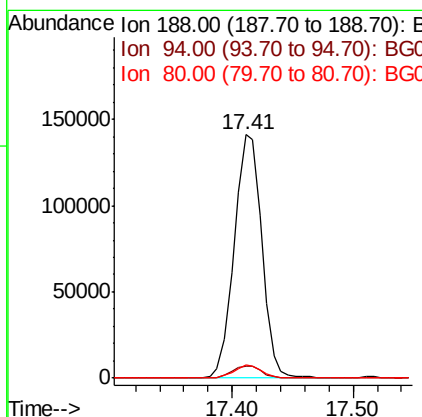
Manual Integrations
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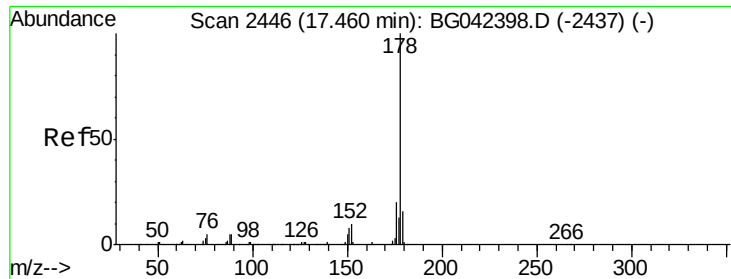
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.8	4.5	6.7
80	5.4	4.9	7.3





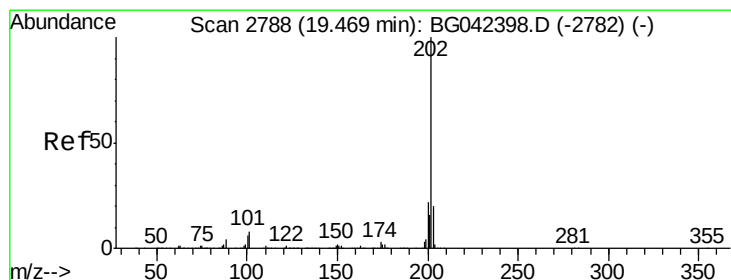
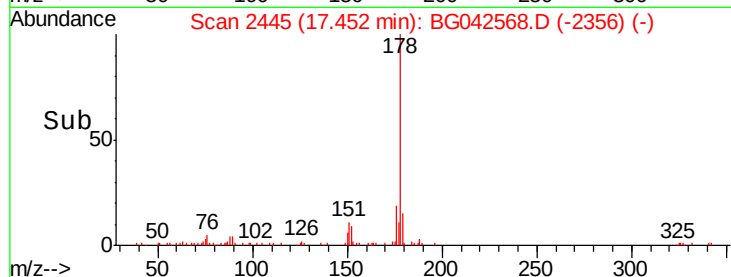
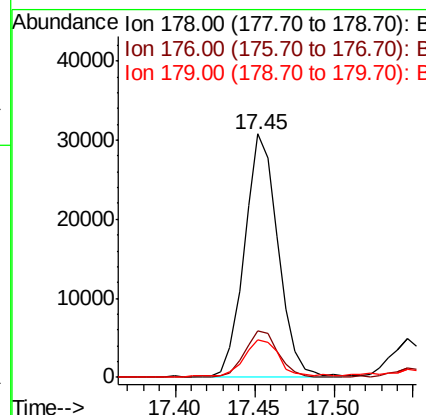
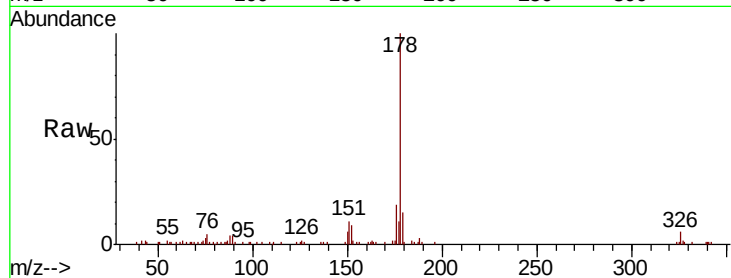
#71
Phenanthrene
Concen: 4.047 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Instrument :
BNA_G
ClientSampleId :
S702A-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.2	12.7	19.1

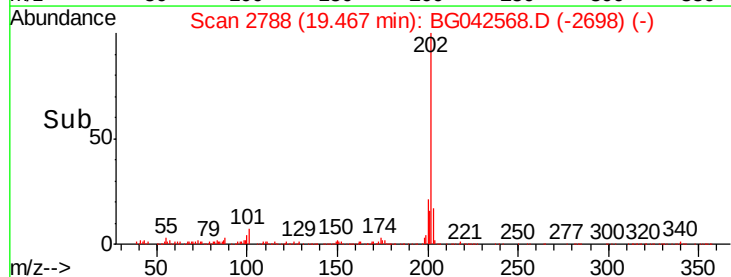
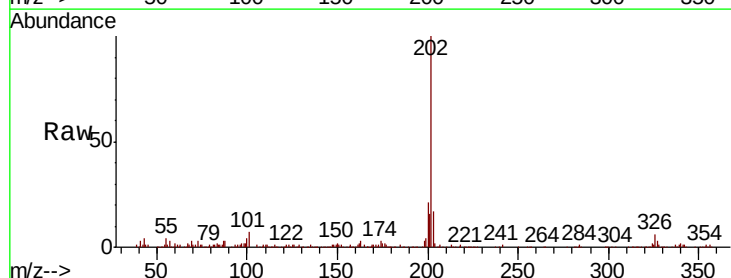
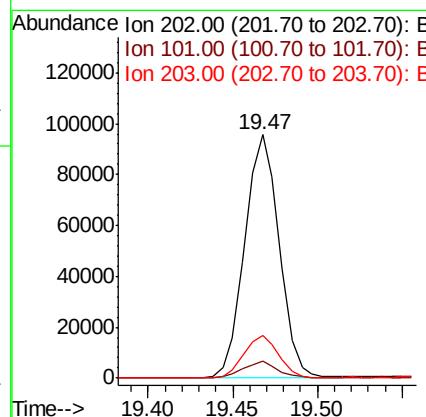
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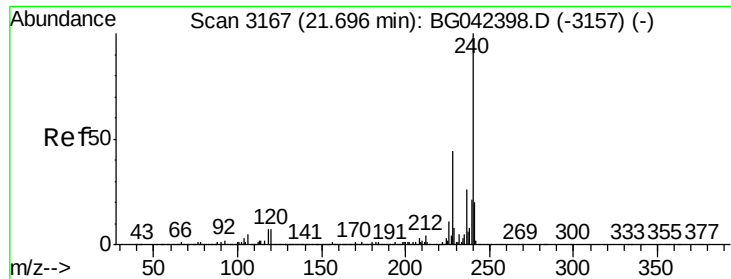
Jagrut
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#75
Fluoranthene
Concen: 9.949 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.3
203	17.3	0.0	39.6





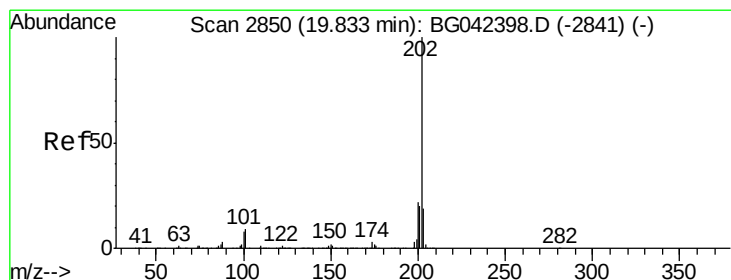
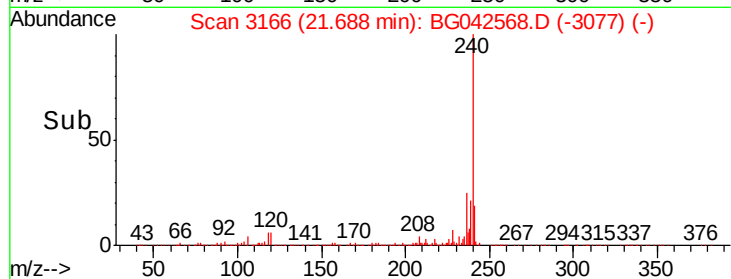
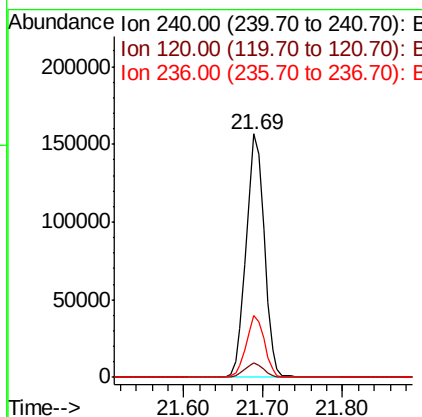
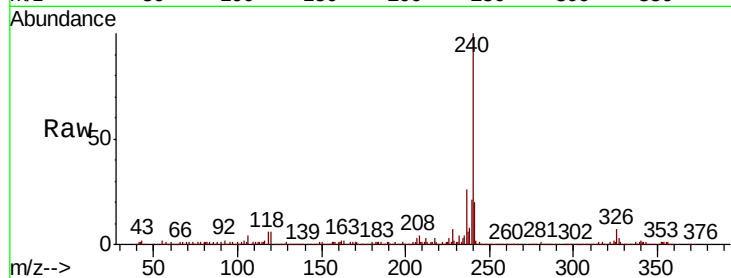
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Instrument :
BNA_G
ClientSampleId :
S702A-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	25.5	21.0	31.4

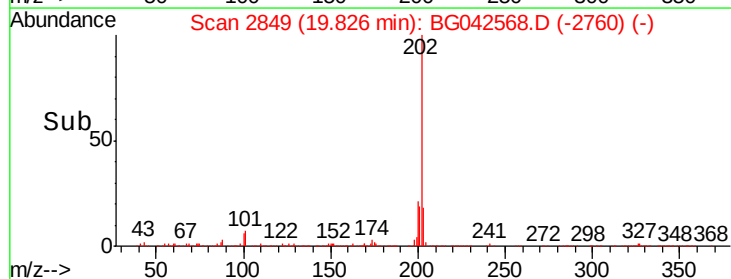
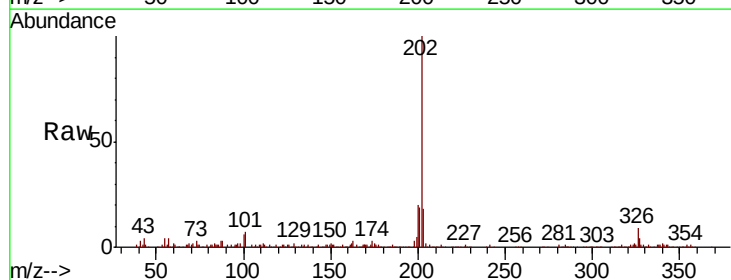
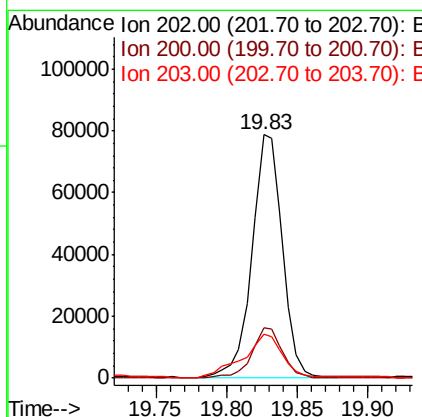
Manual Integrations
APPROVED

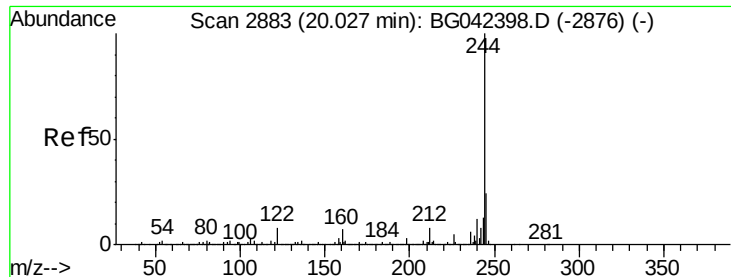
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#78
Pyrene
Concen: 7.752 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.8	26.6
203	17.9	15.5	23.3





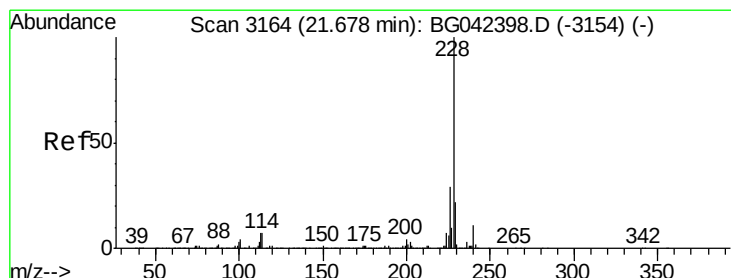
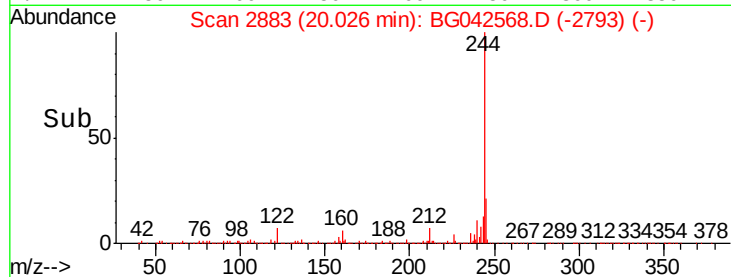
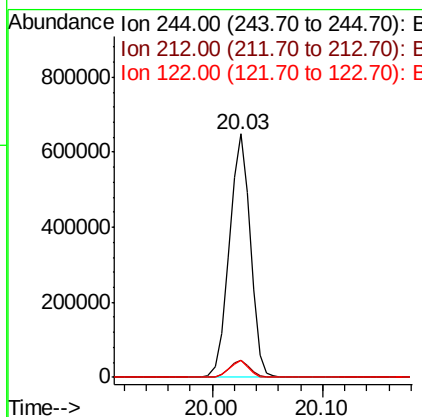
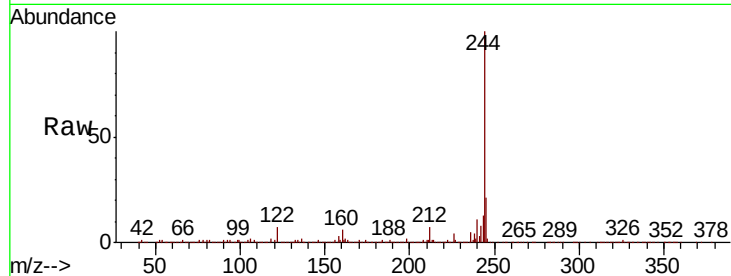
#79
 Terphenyl-d14
 Concen: 74.344 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG042568.D
 Acq: 29 Aug 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 S702A-N-0.0-0.5-082719

Tot Ion:	244	Resp:	867109
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	6.8	6.7	10.1

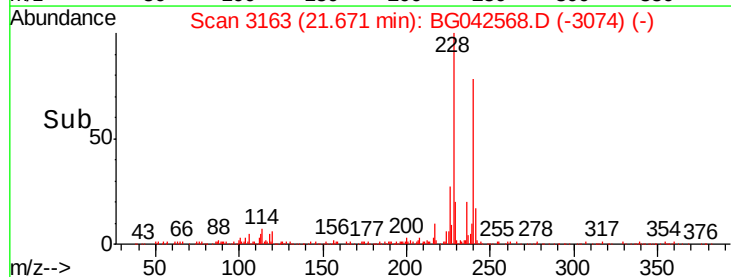
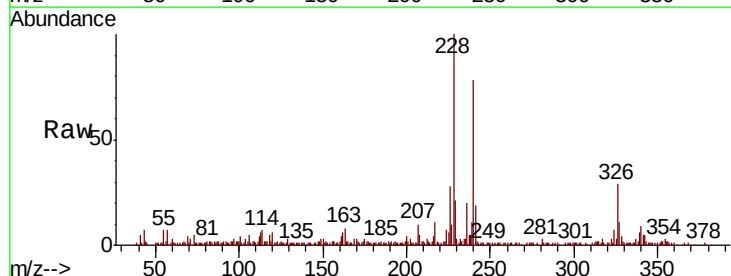
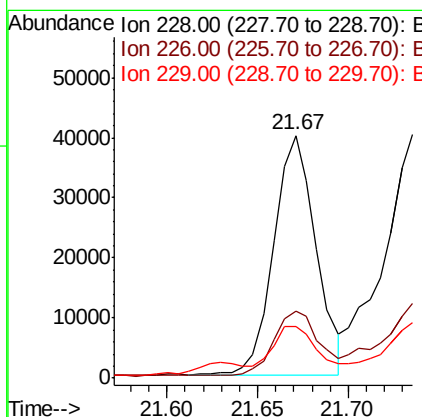
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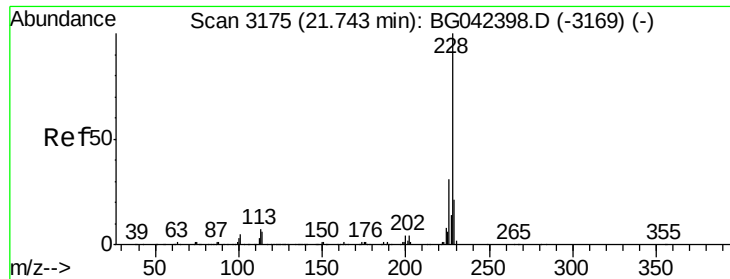
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#81
 Benzo(a)anthracene
 Concen: 4.248 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG042568.D
 Acq: 29 Aug 2019 16:54

Tgt Ion:	228	Resp:	65156
Ion Ratio	Lower	Upper	
228	100		
226	27.5	23.4	35.2
229	21.0	17.4	26.2





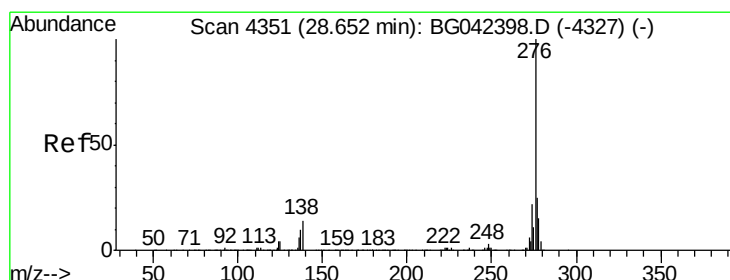
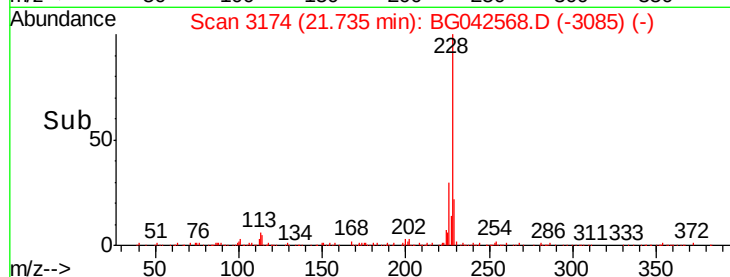
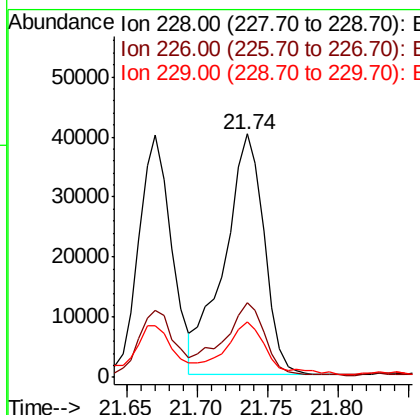
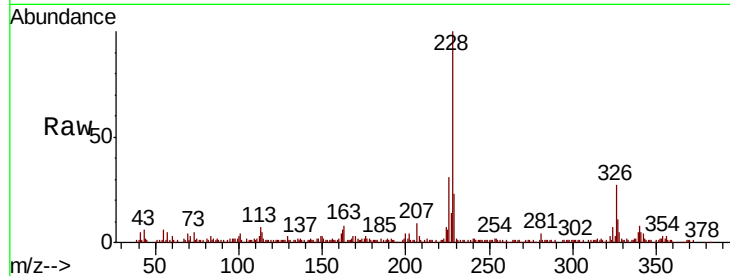
#83
Chrysene
Concen: 5.339 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Instrument :
BNA_G
ClientSampleId :
S702A-N-0.0-0.5-082719

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	22.6	16.9	25.3

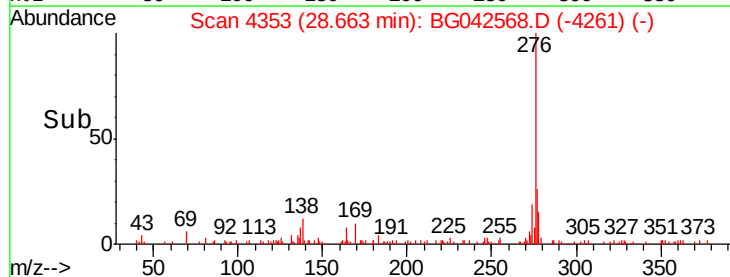
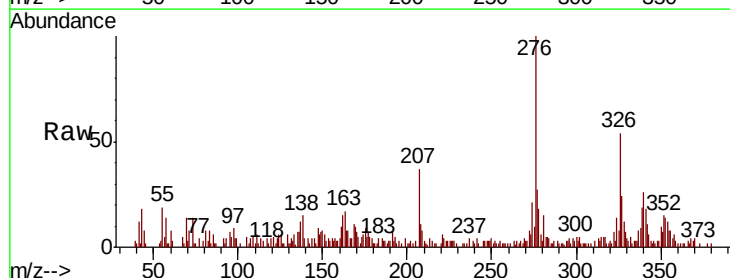
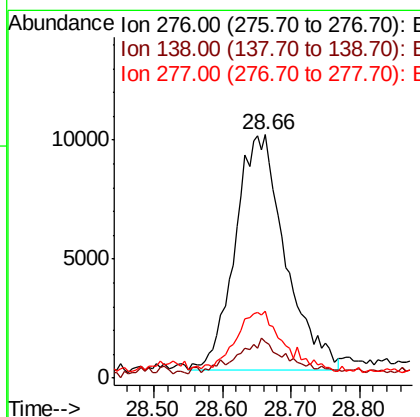
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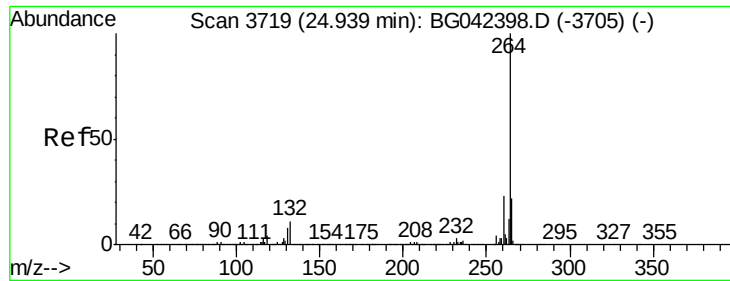
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.478 ng
RT: 28.66 min Scan# 4353
Delta R.T. 0.01 min
Lab File: BG042568.D
Acq: 29 Aug 2019 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.3	9.2	13.8
277	25.1	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042568.D

Acq: 29 Aug 2019 16:54

Instrument :

BNA_G

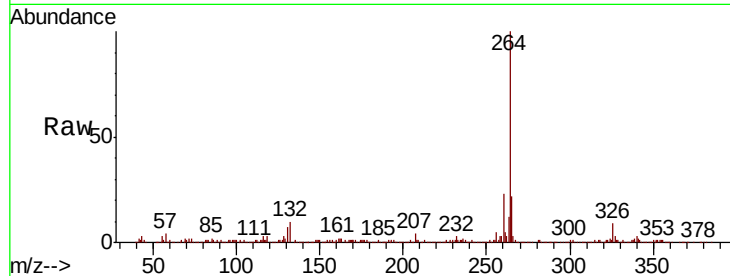
ClientSampleId :

S702A-N-0.0-0.5-082719

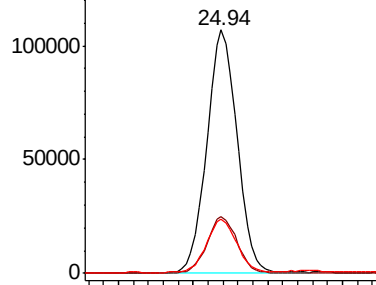
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	22.1	17.6	26.4

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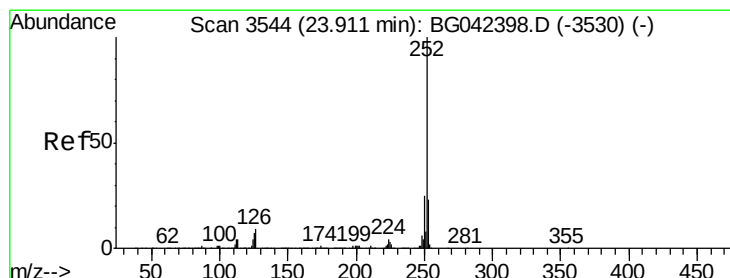
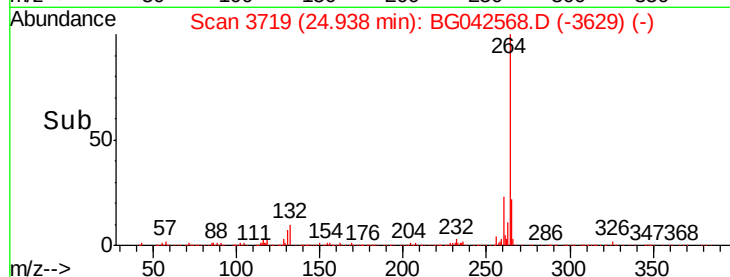
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 6.785 ng

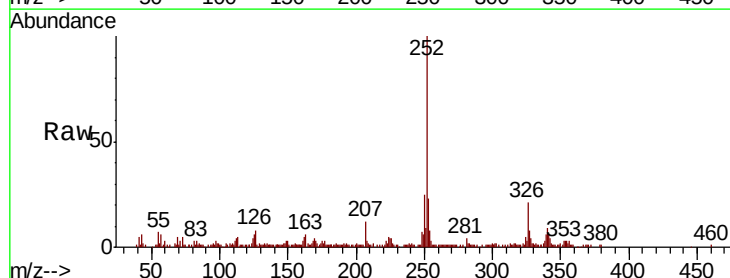
RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

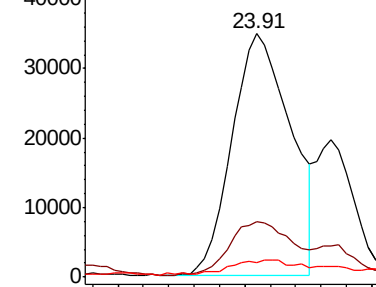
Lab File: BG042568.D

Acq: 29 Aug 2019 16:54

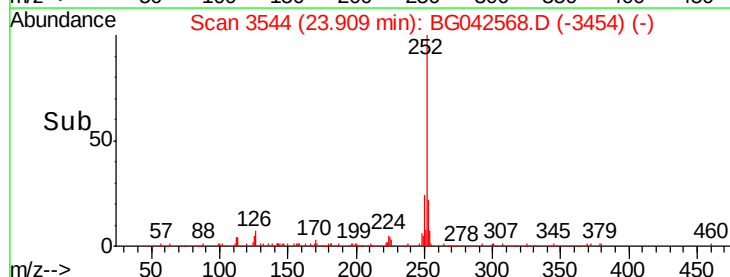
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	6.0	5.6	8.4

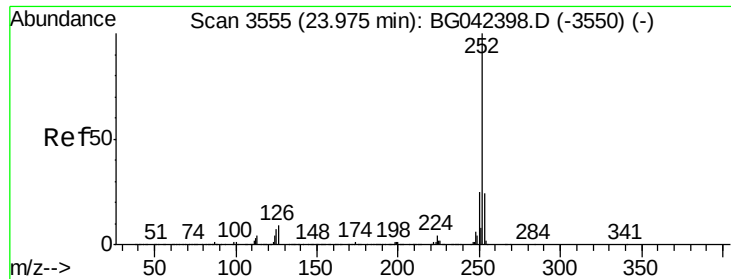


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(k)fluoranthene

Concen: 2.613 ng/mL

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042568.D

Acq: 29 Aug 2019 16:54

Instrument :

BNA_G

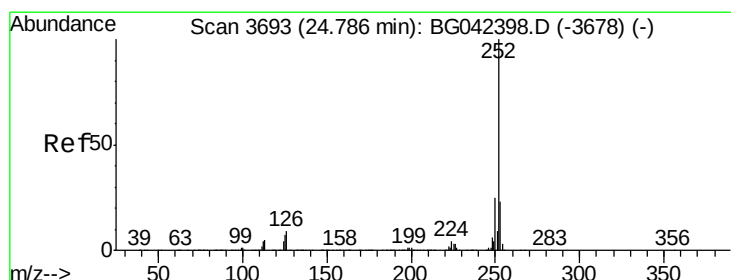
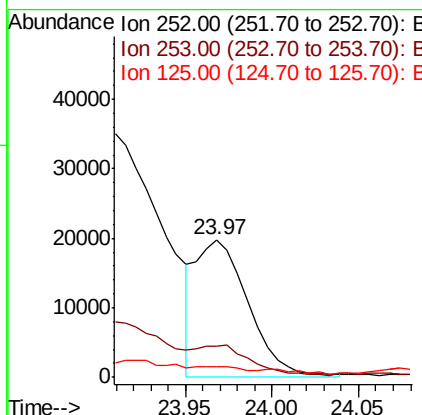
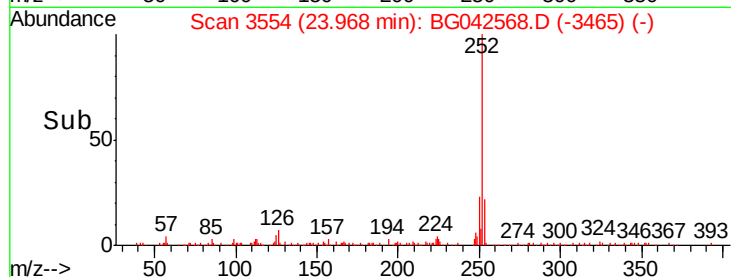
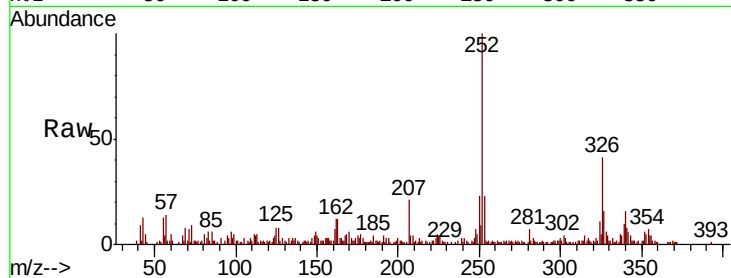
ClientSampleId :

S702A-N-0.0-0.5-082719

Tot Ion:	252	Resp:	41540
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.6	27.8
125	7.8	5.8	8.6

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 4.656 ng/mL

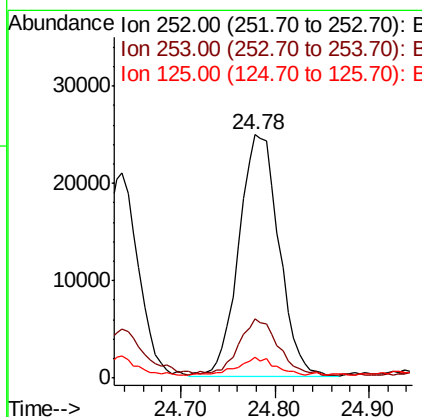
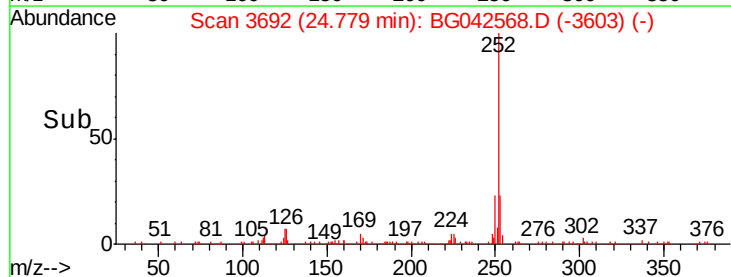
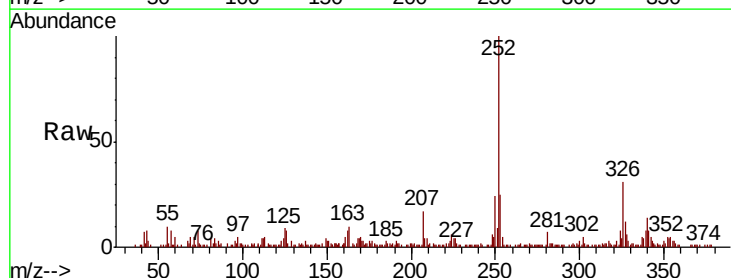
RT: 24.78 min Scan# 3692

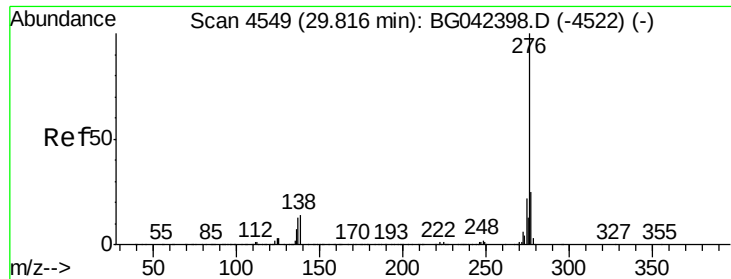
Delta R.T. -0.01 min

Lab File: BG042568.D

Acq: 29 Aug 2019 16:54

Tgt Ion:	252	Resp:	73062
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.4	27.6
125	8.5	6.0	9.0





#92
 Benzo(a,h,i)perylene
 Concen: 3.111 ng
 RT: 29.81 min Scan# 4548
 Delta R.T. -0.01 min
 Lab File: BG042568.D
 Acq: 29 Aug 2019 16:54

Instrument :
 BNA_G
 ClientSampleId :
 S702A-N-0.0-0.5-082719

Tot Ion:	276	Resp:	49435
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.8	29.8
138	14.6	11.4	17.0

Manual Integrations
 APPROVED

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 8/30/2019 7:57:50 PM

