

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
 Data File : BG042487.D
 Acq On : 25 Aug 2019 20:54
 Operator : HP/JU
 Sample : K4498-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-4

Manual Integrations
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mohammad
 8/31/2019 3:48:37 PM

Quant Time: Aug 26 16:02:25 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	45006	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	179148	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	142176	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	296474	20.00	ng	0.00
76) Chrysene-d12	21.68	240	344125	20.00	ng	-0.01
87) Perylene-d12	24.93	264	402852	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	232164	104.47	ng	0.00
7) Phenol-d6	7.17	99	313239	104.35	ng	0.00
23) Nitrobenzene-d5	9.16	82	185852	71.69	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	184916	91.51	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	555833	66.12	ng	0.00
79) Terphenyl-d14	20.03	244	999288	62.78	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.19	94	7252	2.376	ng	# 70
31) Naphthalene	10.87	128	324989	39.073	ng	# 96
37) 2-Methylnaphthalene	12.49	142	1222542	183.057	ng	# 97
38) 1-Methylnaphthalene	12.71	142	772214	121.730	ng	# 99
49) Acenaphthylene	14.39	152	41090	3.447	ng	# 1
50) Dimethylphthalate	14.10	163	75254	7.336	ng	# 73
52) Acenaphthene	14.73	154	80467	11.115	ng	# 94
55) Dibenzofuran	15.06	168	101381m	8.460	ng	# 93
58) Fluorene	15.71	166	181577	18.537	ng	# 96
71) Phenanthrene	17.46	178	615761	41.813	ng	# 86
75) Fluoranthene	19.47	202	51754	2.880	ng	# 94
78) Pyrene	19.83	202	124170	5.885	ng	# 94

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

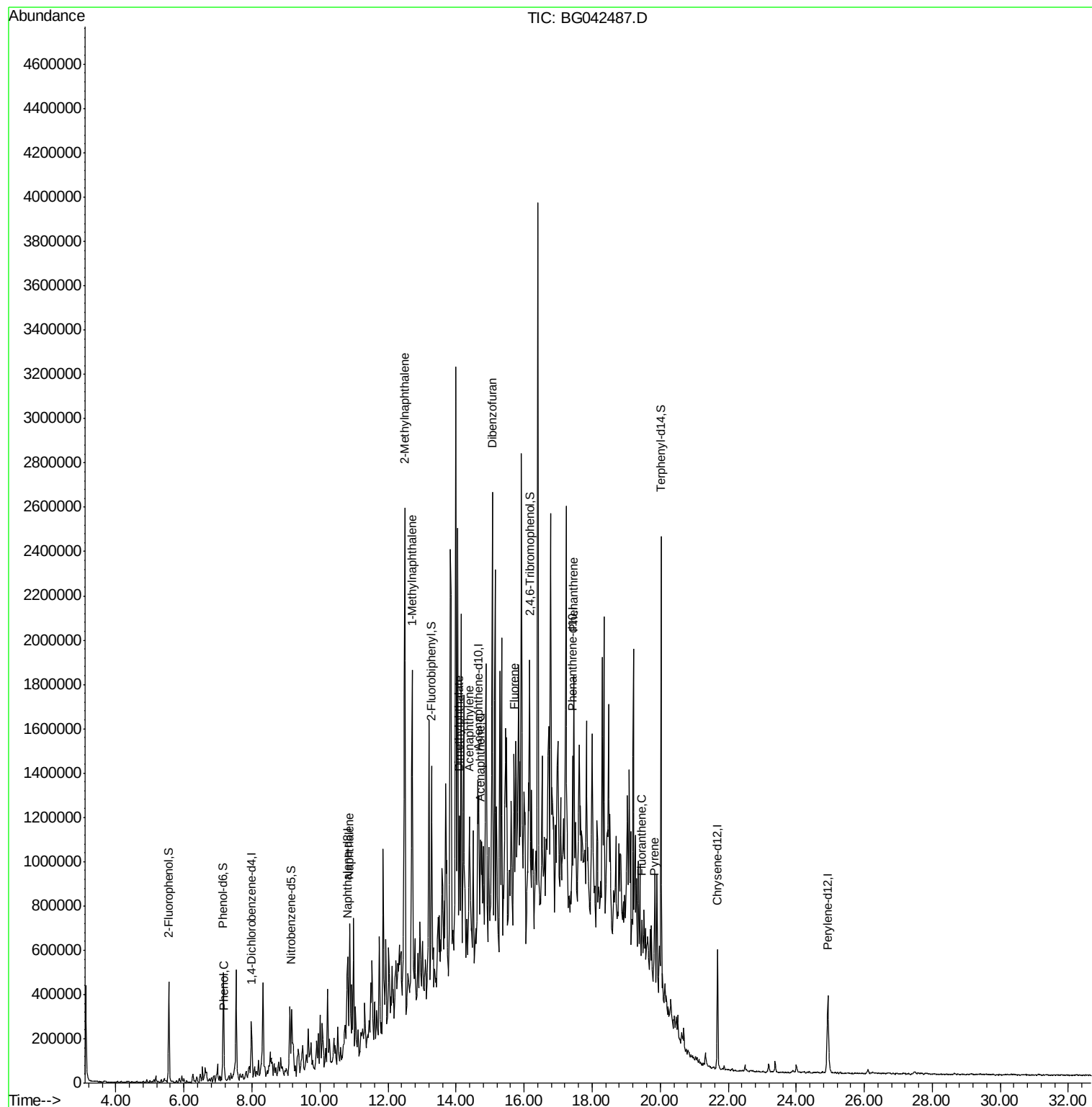
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
Data File : BG042487.D
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ALS Vial : 18 Sample Multiplier: 1

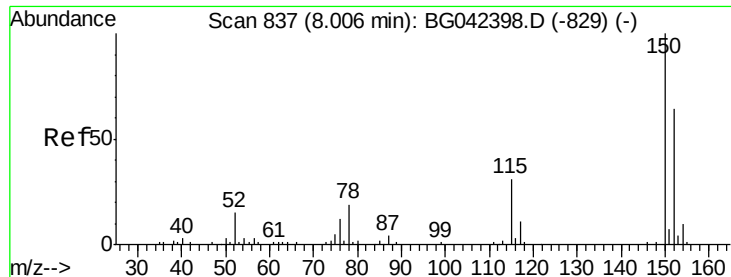
Instrument :
BNA_G
ClientSampleId :
BOTTOM-4

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Quant Time: Aug 26 16:02:25 2019
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

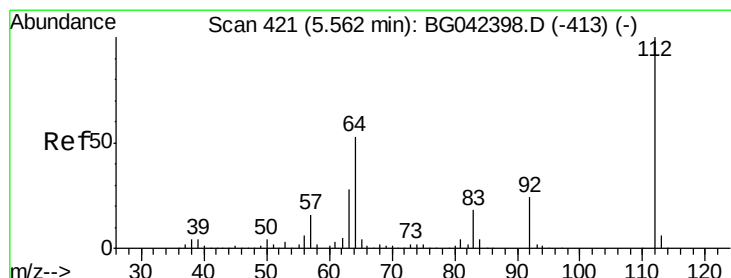
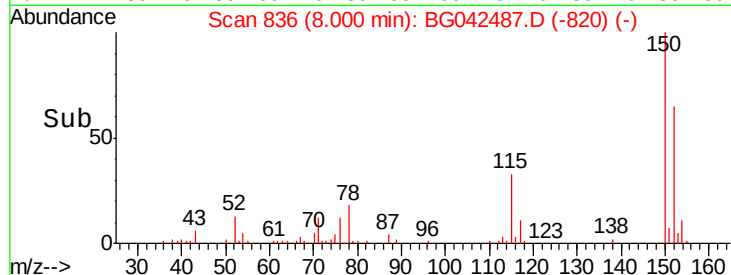
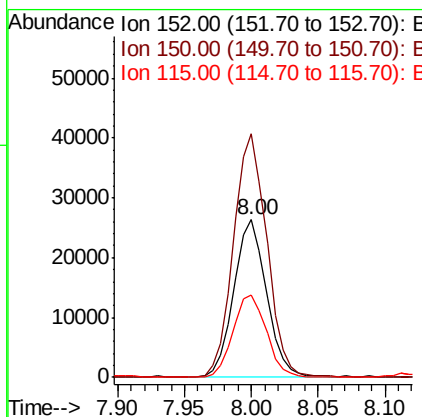
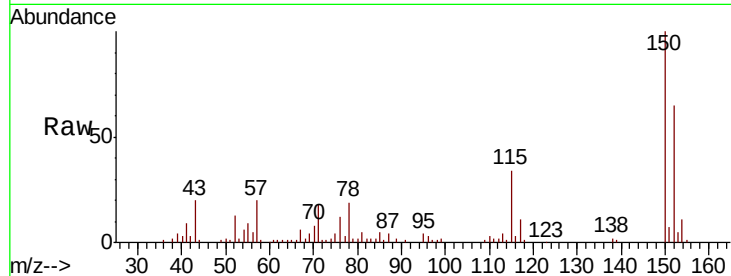
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042487.D
Acq: 25 Aug 2019 20:54

Instrument :
BNA_G
ClientSampled :
BOTTOM-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.4	188.0
115	52.1	38.5	57.7

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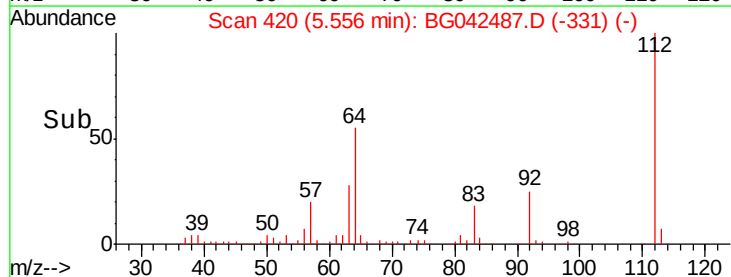
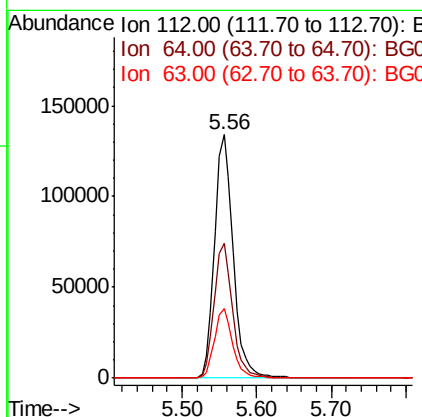
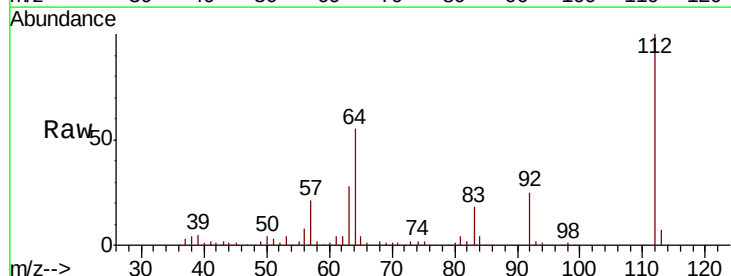
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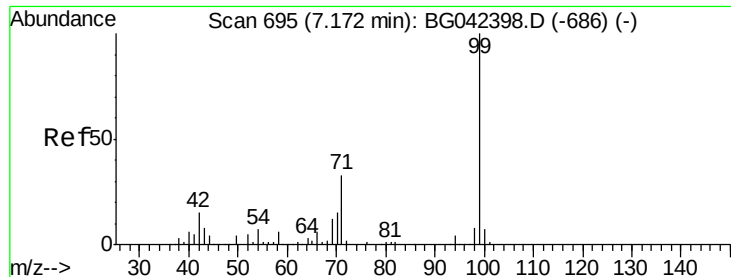


#5

2-Fluorophenol
Concen: 104.475 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042487.D
Acq: 25 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	42.8	64.2
63	28.3	22.7	34.1





#7

Phenol-d6

Concen: 104.354 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042487.D

Acq: 25 Aug 2019 20:54

Instrument :

BNA_G

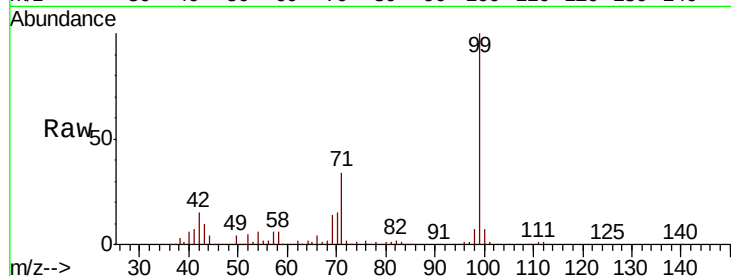
ClientSampled :

BOTTOM-4

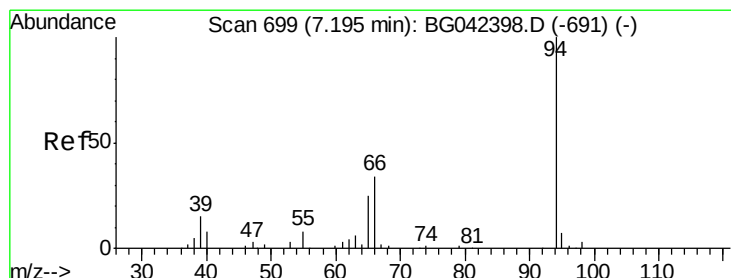
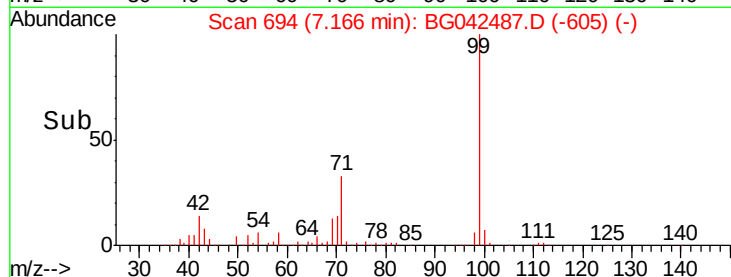
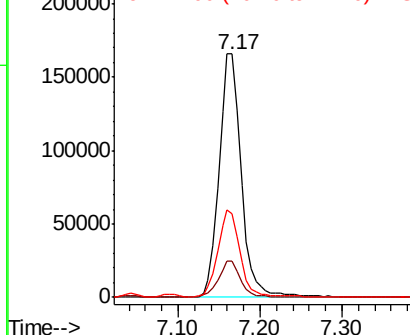
Tot Ion:	99	Resp:	313239
Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.0	18.0
71	34.3	26.3	39.5

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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: 2.376 ng

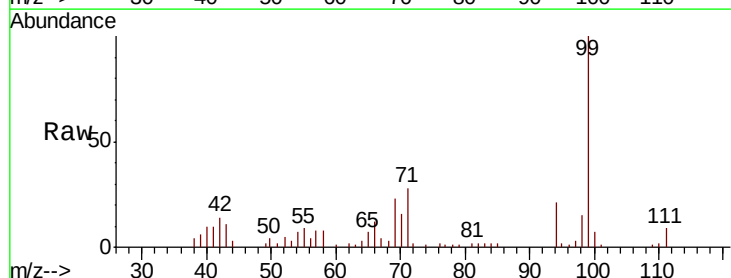
RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

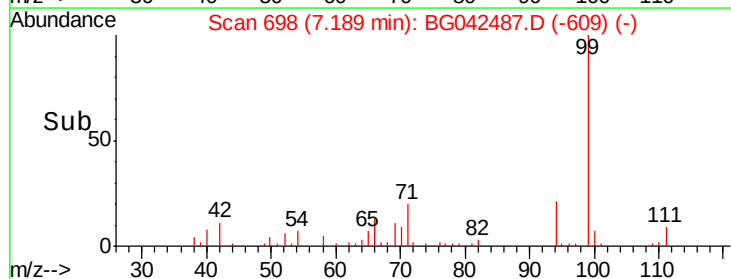
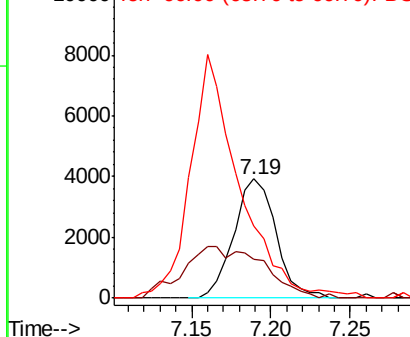
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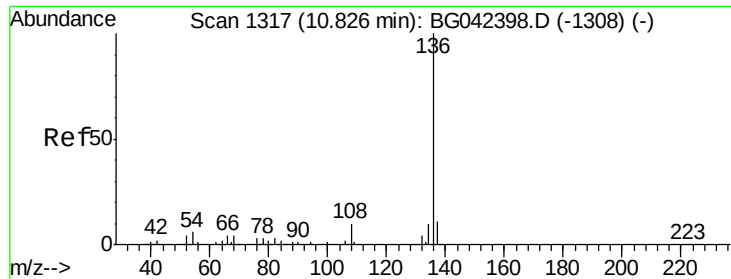
Acq: 25 Aug 2019 20:54

Tgt Ion:	94	Resp:	7252
Ion	Ratio	Lower	Upper
94	100		
65	32.8	5.6	45.6
66	60.3	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





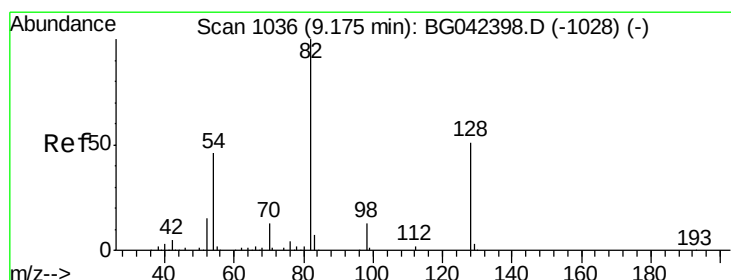
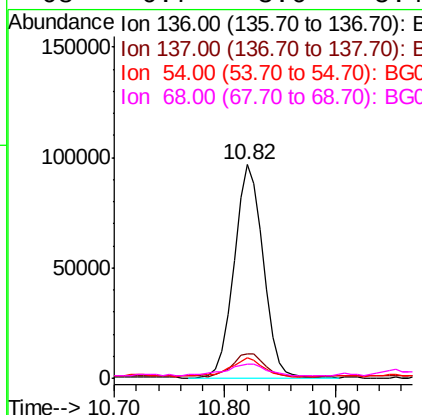
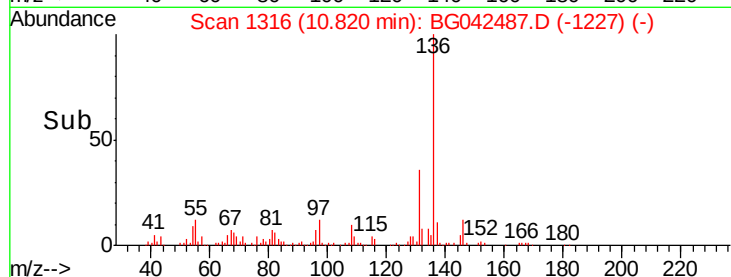
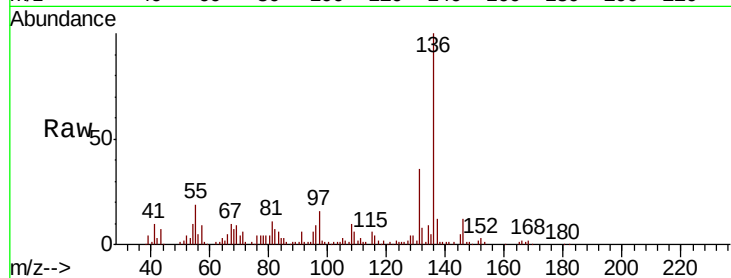
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042487.D
Acq: 25 Aug 2019 20:54

Instrument :
BNA_G
ClientSampleId :
BOTTOM-4

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.7	8.7	13.1	
54	9.5	4.9	7.3	
68	6.7	3.6	5.4	

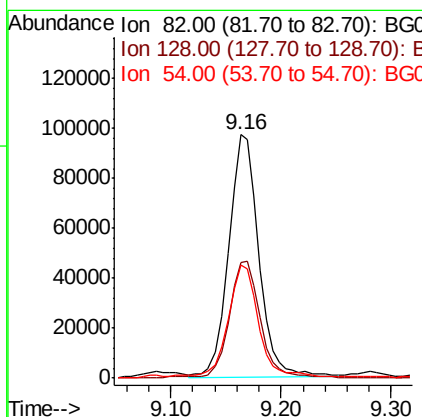
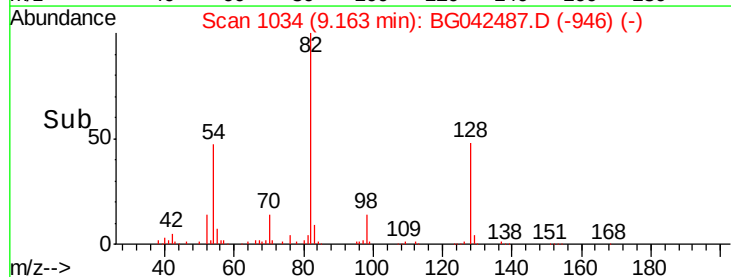
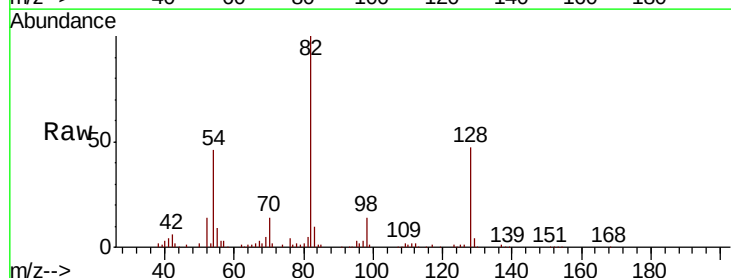
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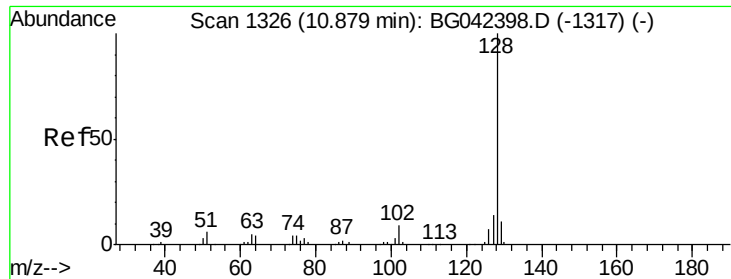
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#23
Nitrobenzene-d5
Concen: 71.690 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042487.D
Acq: 25 Aug 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.4	40.7	61.1	
54	46.4	36.3	54.5	





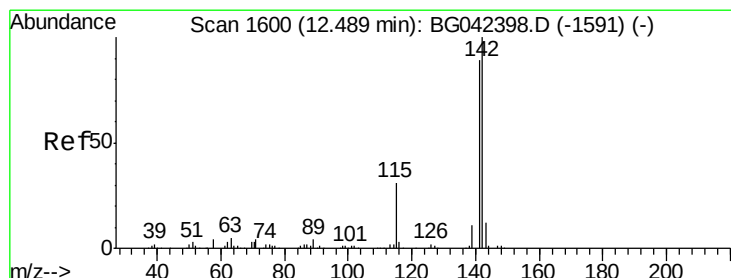
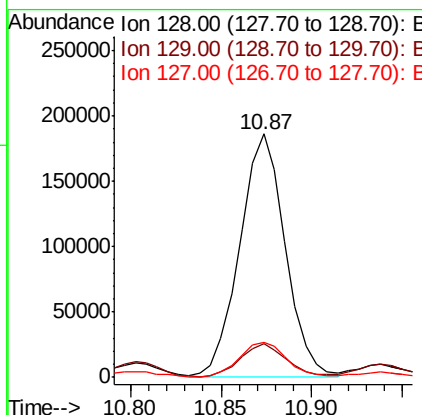
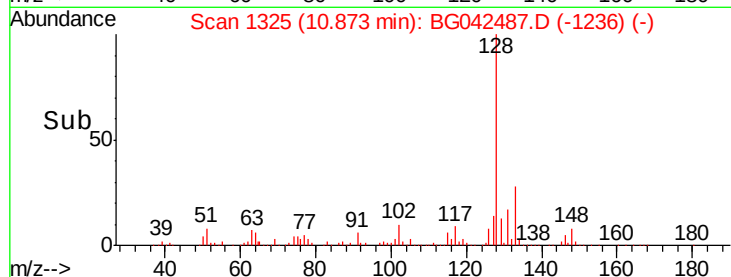
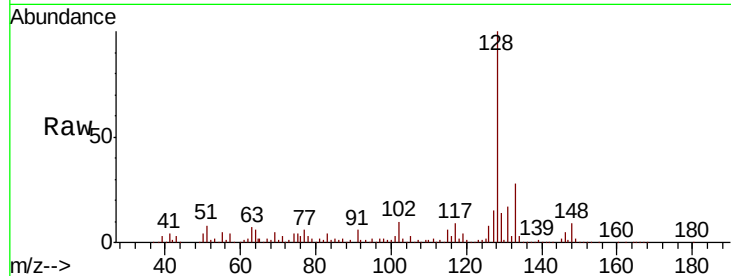
#31
Naphthalene
Concen: 39.073 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042487.D
Acq: 25 Aug 2019 20:54

Instrument :
BNA_G
ClientSampleId :
BOTTOM-4

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.8	13.2#
127	14.6	11.4	17.0

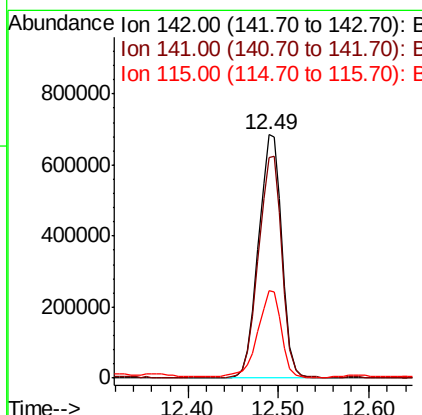
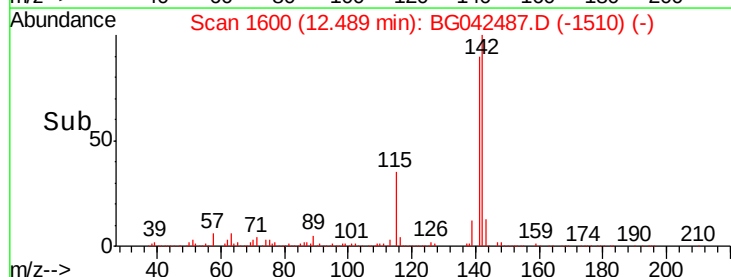
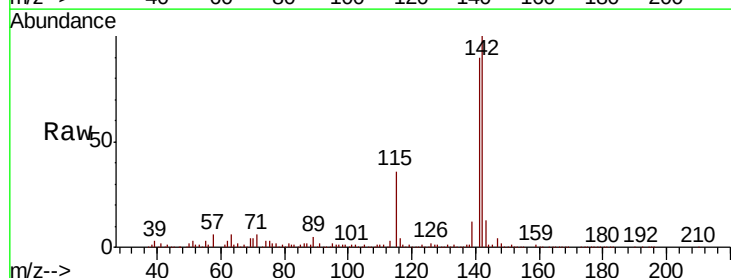
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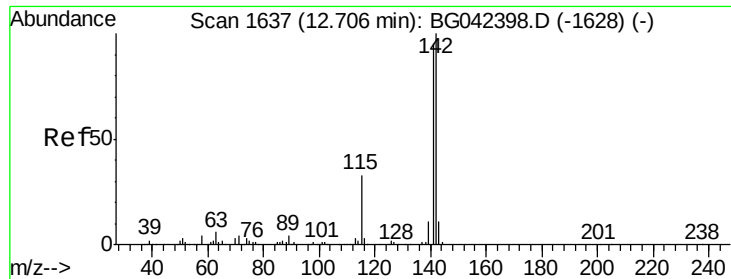
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#37
2-Methylnaphthalene
Concen: 183.057 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG042487.D
Acq: 25 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2
115	35.9	25.2	37.8





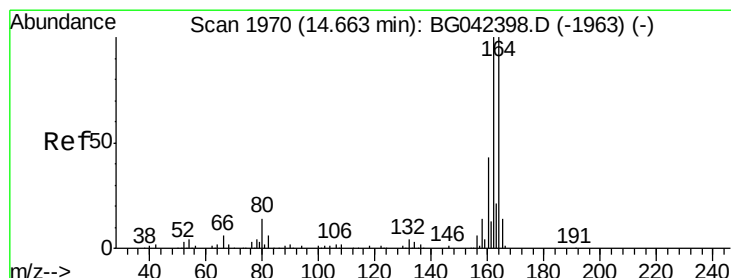
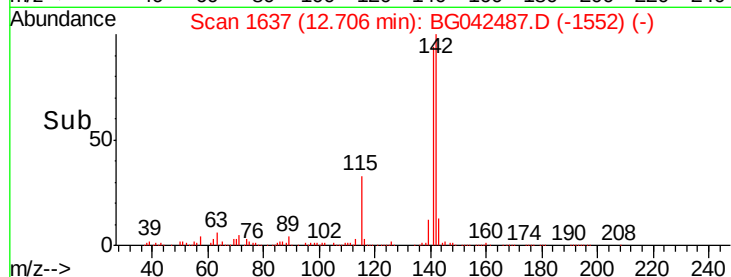
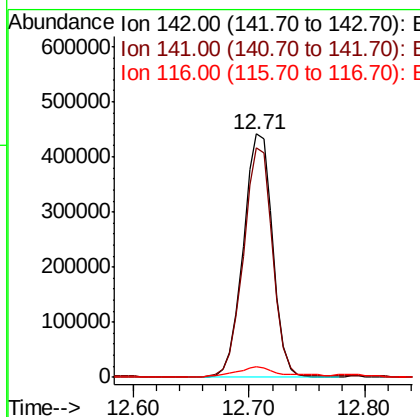
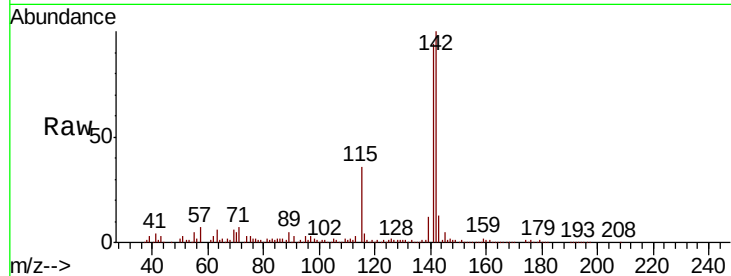
#38
1-Methylnaphthalene
Concen: 121.730 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG042487.D
Acq: 25 Aug 2019 20:54

Instrument :
BNA_G
ClientSampleId :
BOTTOM-4

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.3	76.2	114.2
116	4.3	2.8	4.2#

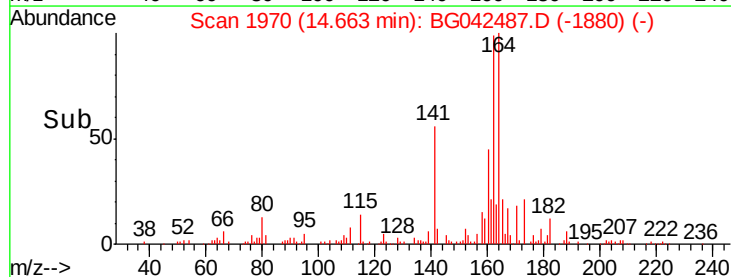
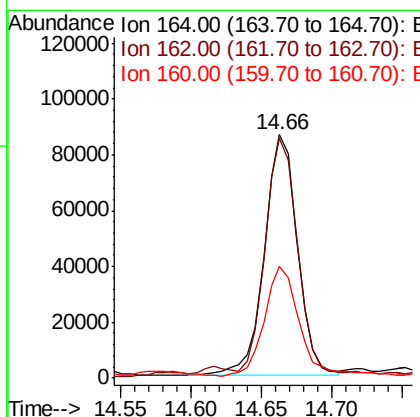
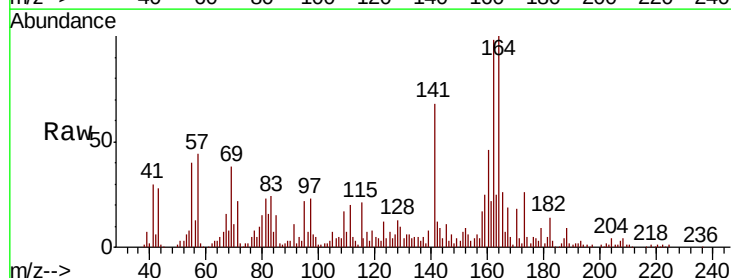
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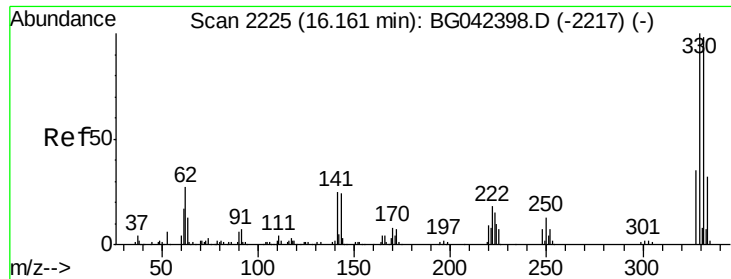
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG042487.D
Acq: 25 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.9	119.9
160	46.0	34.3	51.5





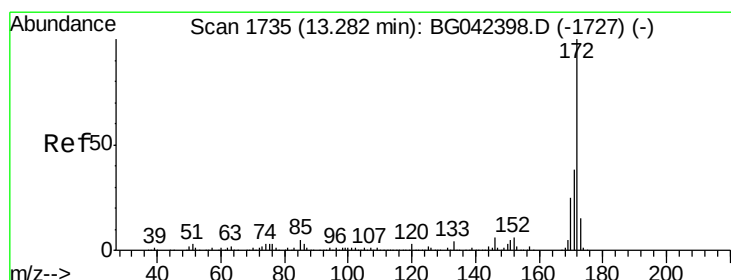
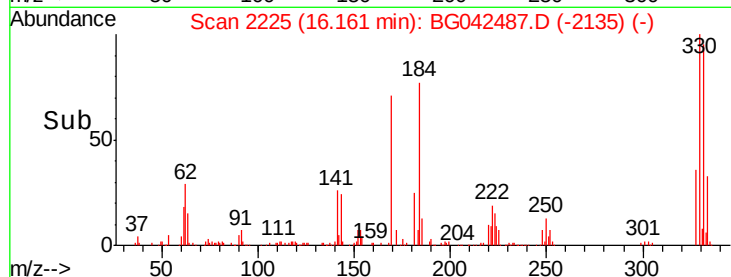
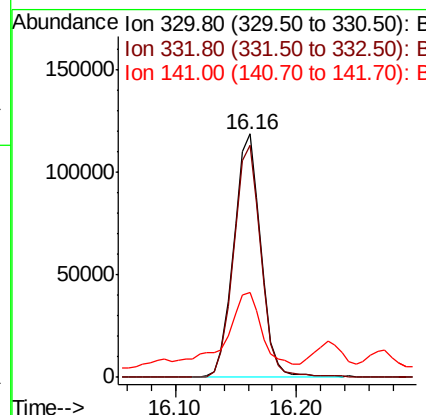
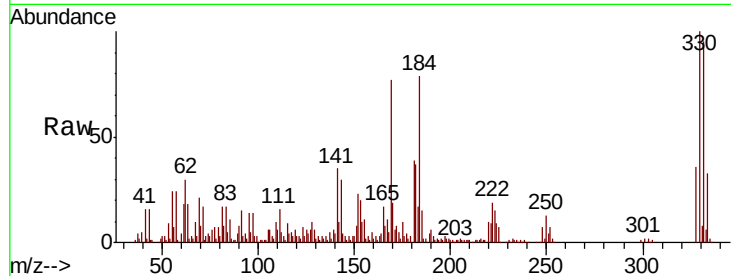
#42
 2,4,6-Tribromophenol
 Concen: 91.506 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BG042487.D
 Acq: 25 Aug 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	184916		
332	96.7	77.4	116.0	
141	34.1	21.4	32.0	

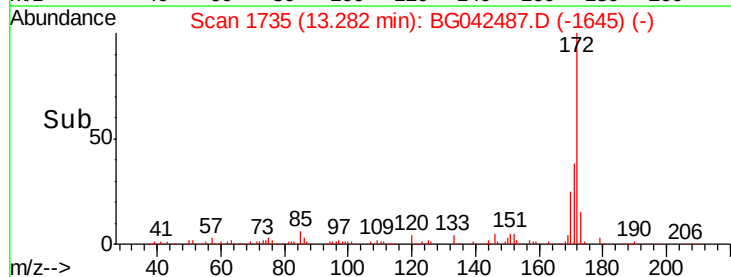
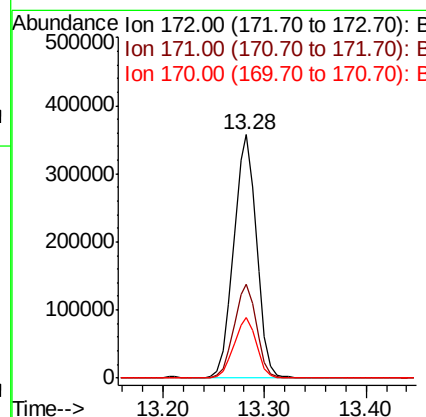
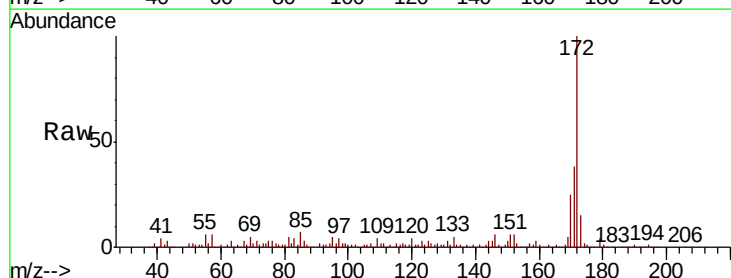
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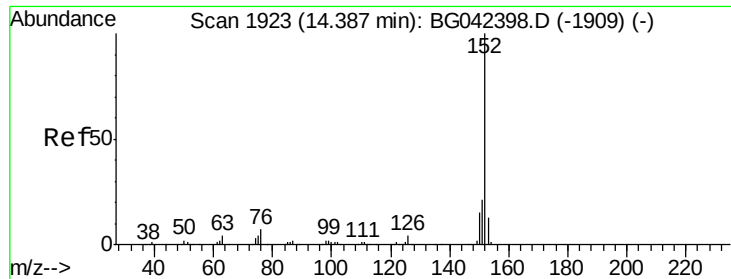
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#45
 2-Fluorobiphenyl
 Concen: 66.120 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG042487.D
 Acq: 25 Aug 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	555833		
171	38.3	30.5	45.7	
170	24.9	20.2	30.2	





#49

Acenaphthylene

Concen: 3.447 ng

RT: 14.39 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG042487.D

Acq: 25 Aug 2019 20:54

Instrument :

BNA_G

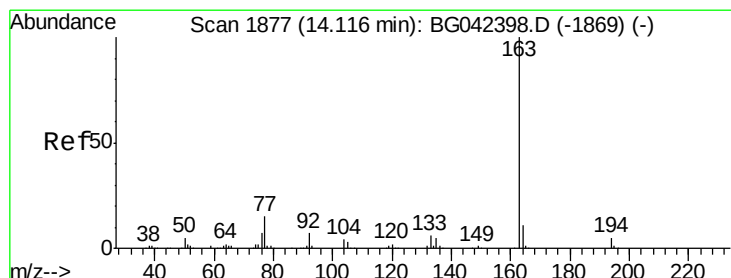
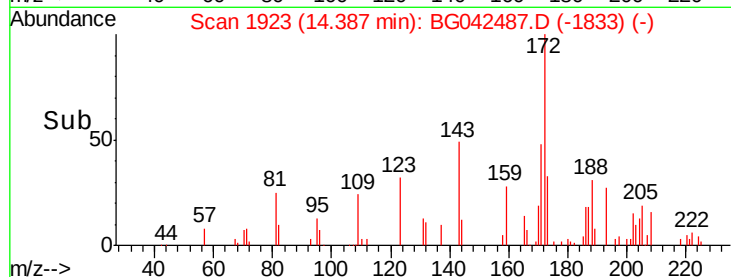
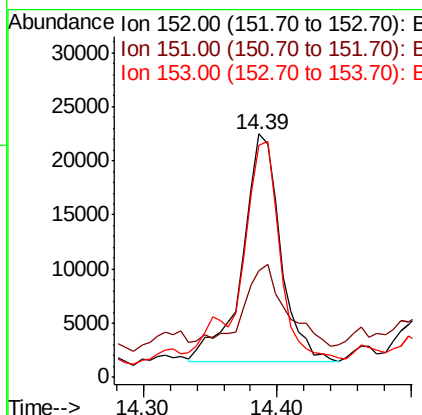
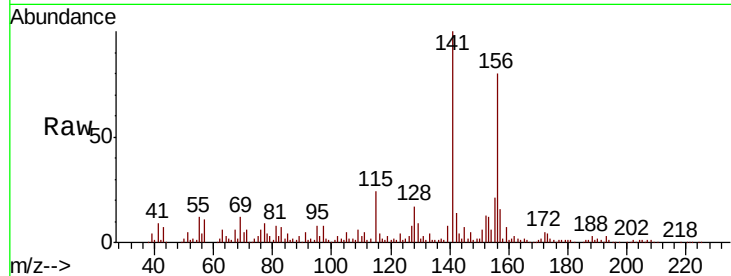
ClientSampleId :

BOTTOM-4

Tot Ion:	152	Resp:	41090
Ion Ratio	Lower	Upper	
152	100		
151	43.7	17.0	25.4#
153	95.1	10.6	16.0#

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#50

Dimethylphthalate

Concen: 7.336 ng

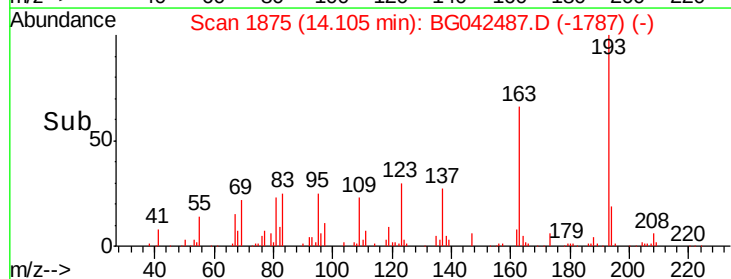
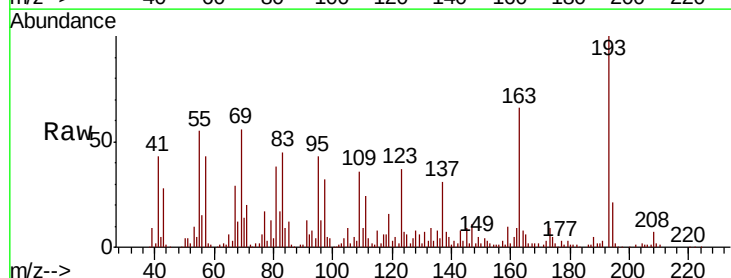
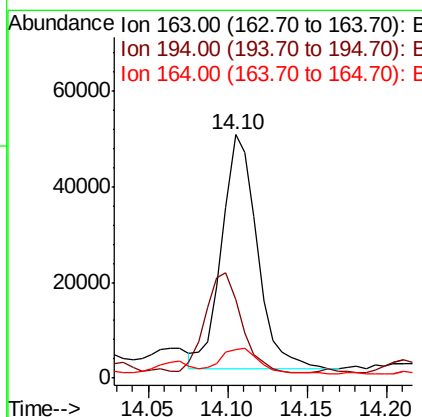
RT: 14.10 min Scan# 1875

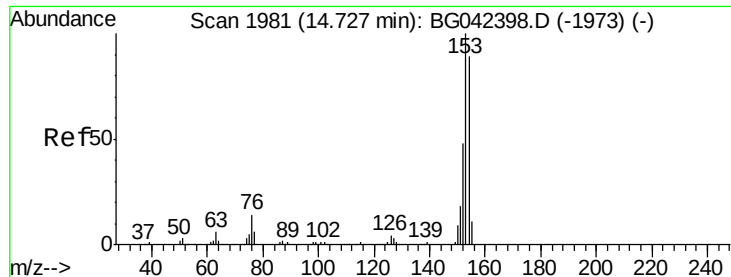
Delta R.T. -0.01 min

Lab File: BG042487.D

Acq: 25 Aug 2019 20:54

Tgt Ion:	163	Resp:	75254
Ion Ratio	Lower	Upper	
163	100		
194	32.1	4.2	6.2#
164	11.8	8.8	13.2





#52

Acenaphthene

Concen: 11.115 ng

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG042487.D

Acq: 25 Aug 2019 20:54

Instrument :

BNA_G

ClientSampleId :

BOTTOM-4

Tot Ion:154 Resp: 80467

Ion Ratio Lower Upper

154 100

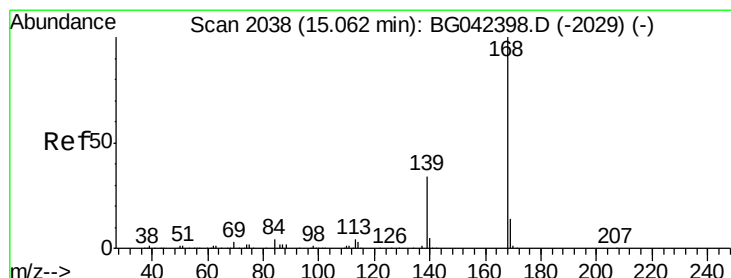
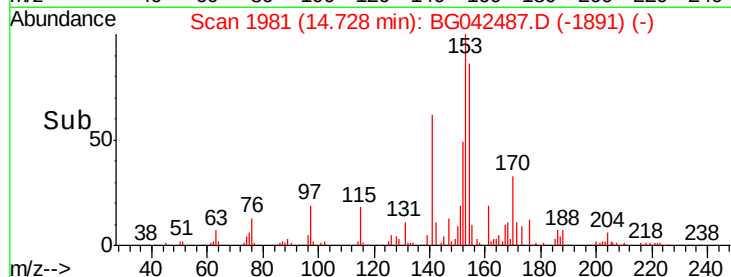
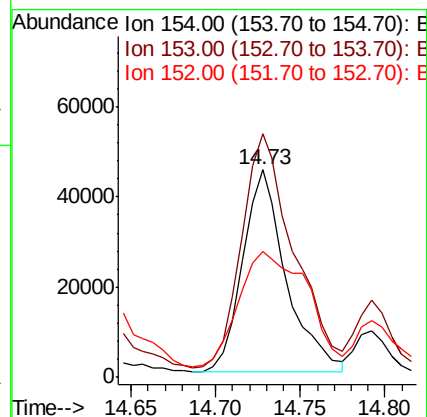
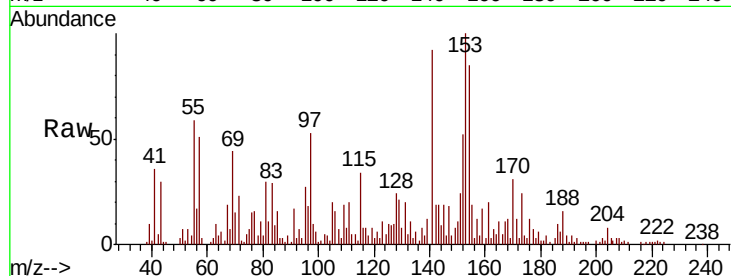
153 117.5 90.2 135.4

152 60.9 43.2 64.8

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#55

Dibenzofuran

Concen: 8.460 ng m

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG042487.D

Acq: 25 Aug 2019 20:54

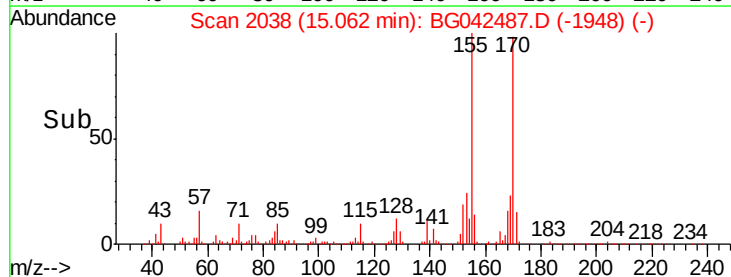
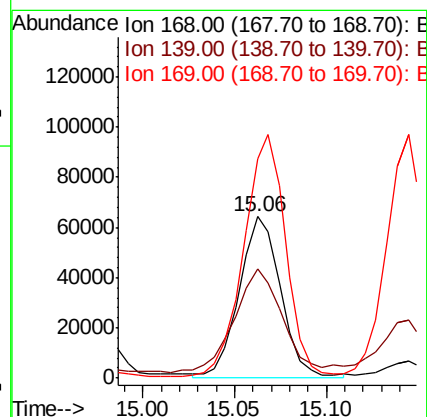
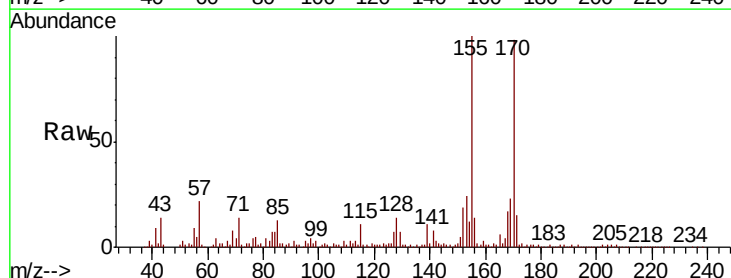
Tgt Ion:168 Resp: 101381

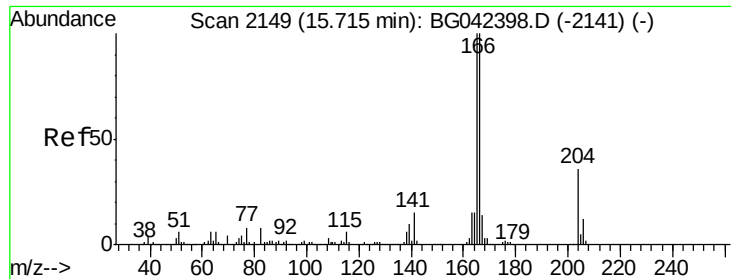
Ion Ratio Lower Upper

168 100

139 67.8 27.2 40.8#

169 136.2 11.5 17.3#





#58

Fluorene

Concen: 18.537 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG042487.D

Acq: 25 Aug 2019 20:54

Instrument :

BNA_G

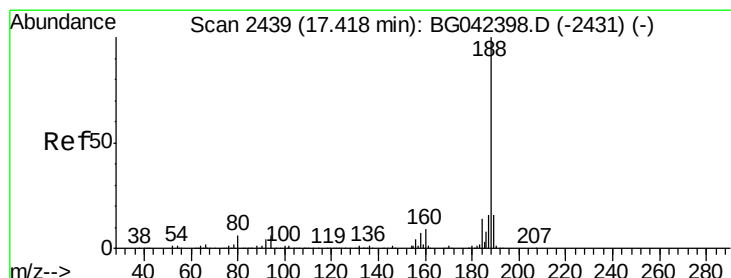
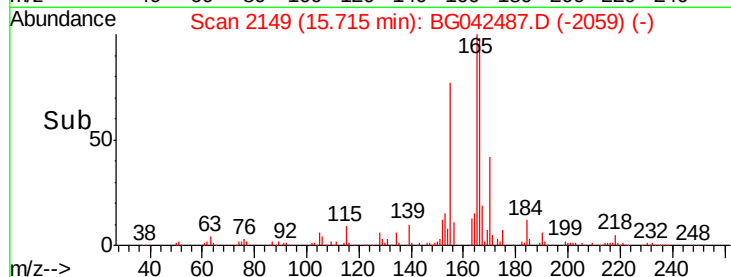
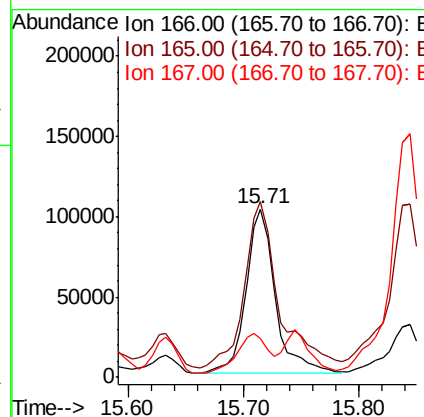
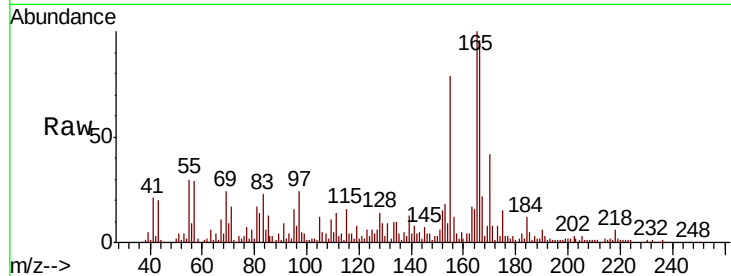
ClientSampled :

BOTTOM-4

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.4	79.7	119.5
167	22.9	10.9	16.3

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#64

Phenanthrene-d10

Concen: 20.000 ng

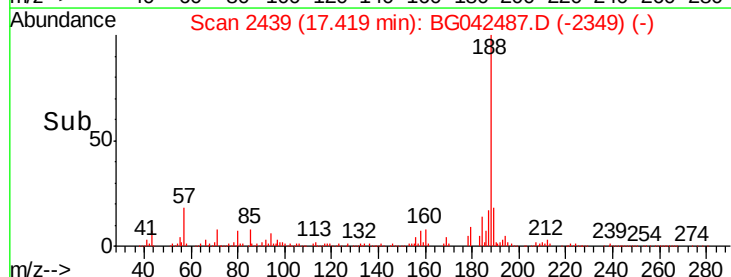
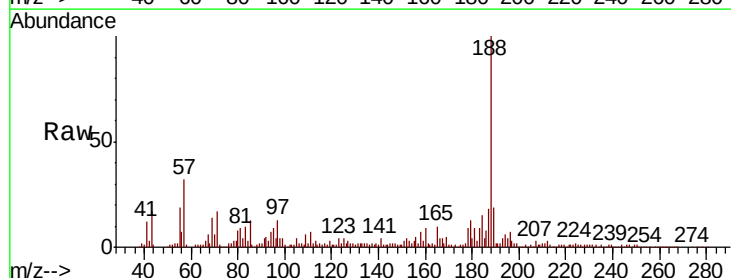
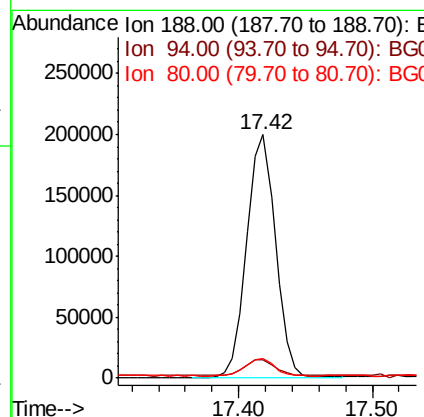
RT: 17.42 min Scan# 2439

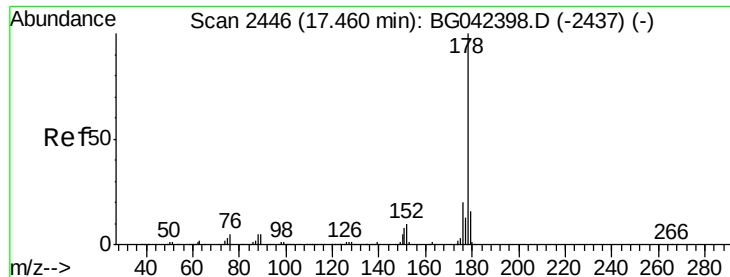
Delta R.T. 0.00 min

Lab File: BG042487.D

Acq: 25 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	4.5	6.7
80	8.1	4.9	7.3





#71

Phenanthrene

Concen: 41.813 ng

RT: 17.46 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BG042487.D

Acq: 25 Aug 2019 20:54

Instrument :

BNA_G

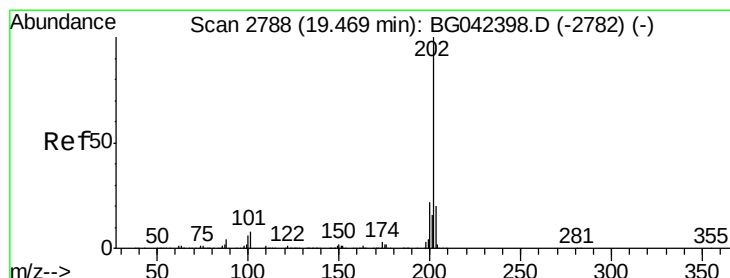
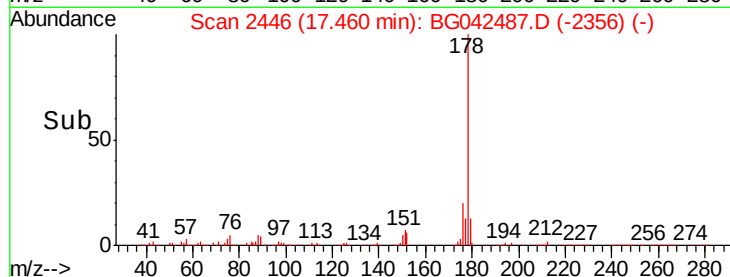
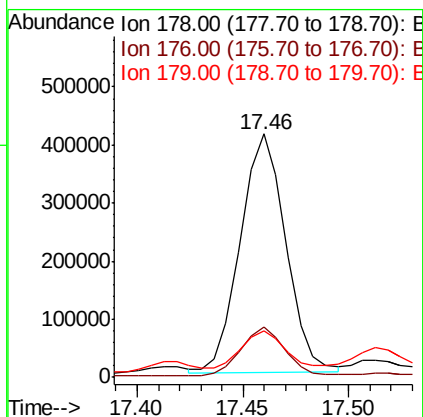
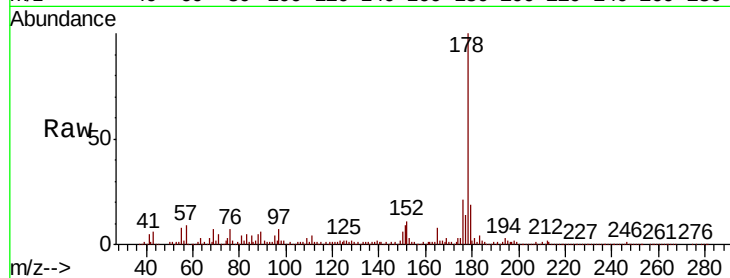
ClientSampled :

BOTTOM-4

Tot Ion:178	Resp:	615761
Ion Ratio	Lower	Upper
178 100		
176 20.5	15.9	23.9
179 19.3	12.7	19.1#

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#75

Fluoranthene

Concen: 2.880 ng

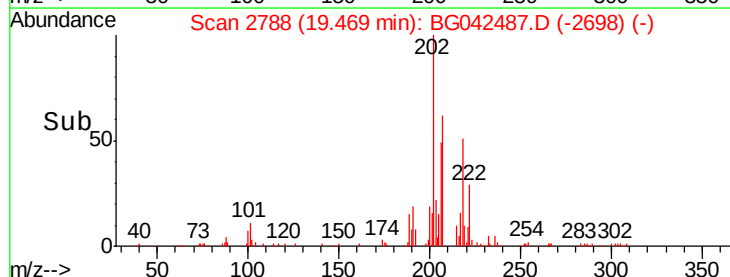
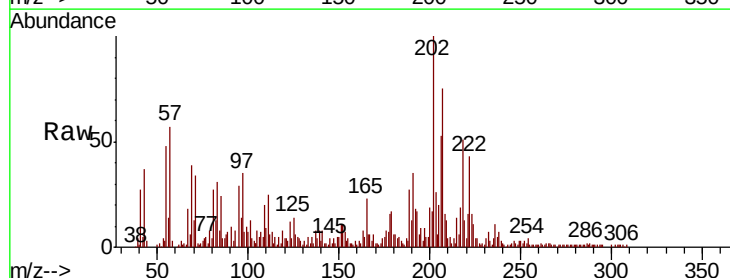
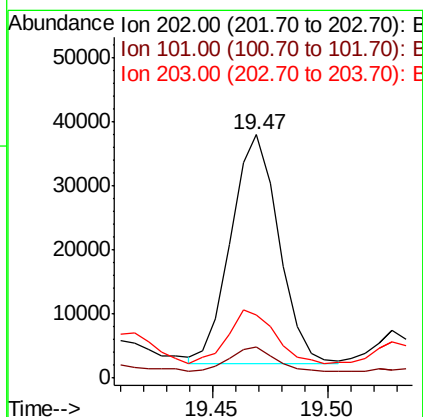
RT: 19.47 min Scan# 2788

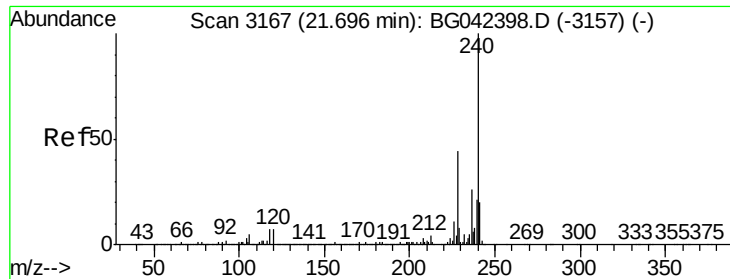
Delta R.T. 0.00 min

Lab File: BG042487.D

Acq: 25 Aug 2019 20:54

Tgt Ion:202	Resp:	51754
Ion Ratio	Lower	Upper
202 100		
101 12.6	0.0	28.3
203 26.0	0.0	39.6





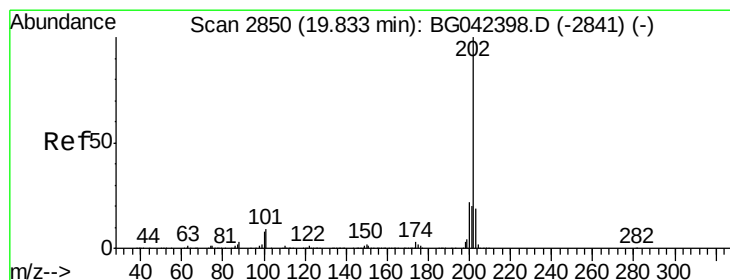
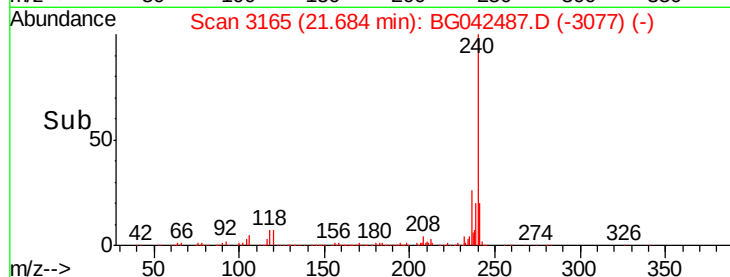
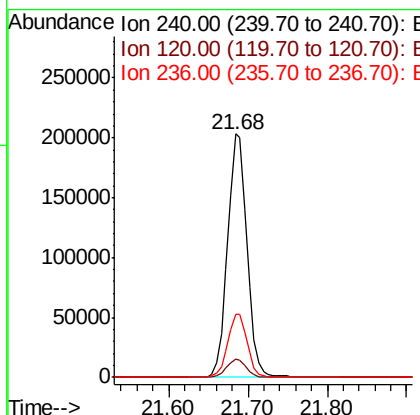
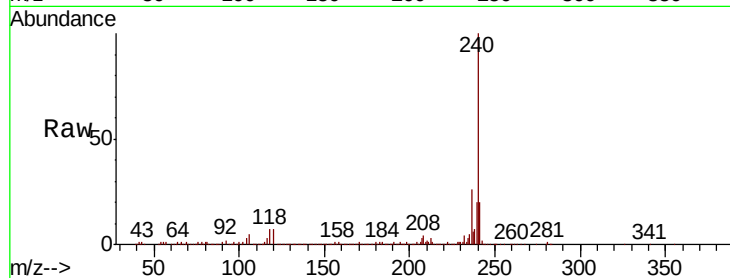
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042487.D
Acq: 25 Aug 2019 20:54

Instrument :
BNA_G
ClientSampled :
BOTTOM-4

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.7	8.5
236	26.2	21.0	31.4

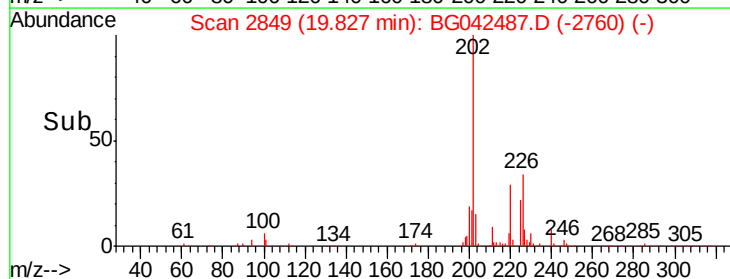
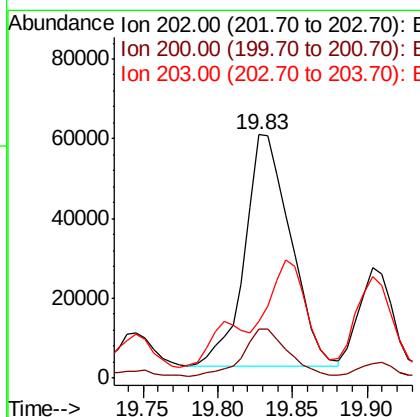
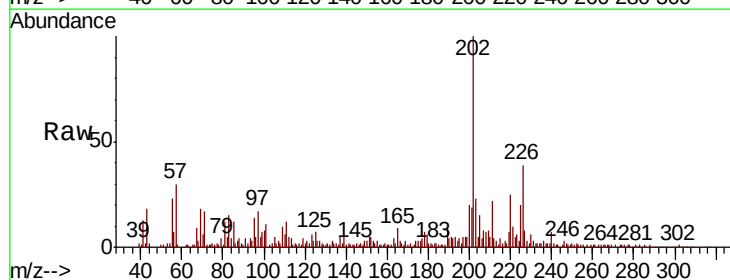
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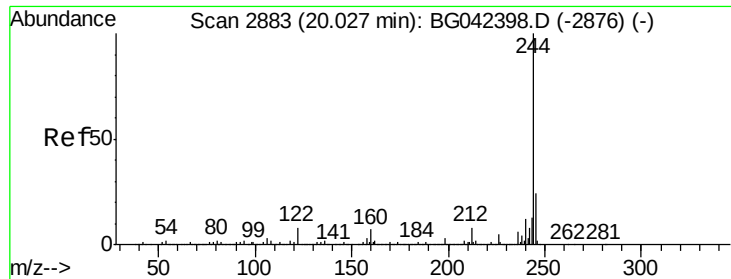
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#78
Pyrene
Concen: 5.885 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042487.D
Acq: 25 Aug 2019 20:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.8	26.6
203	23.3	15.5	23.3#





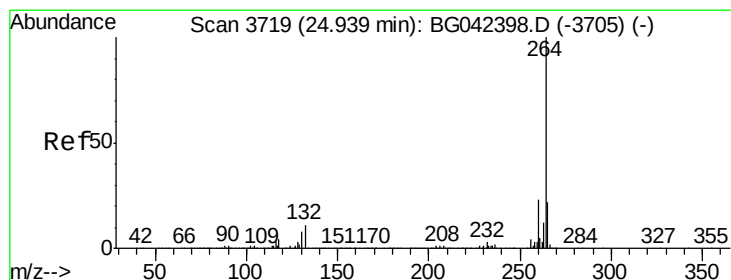
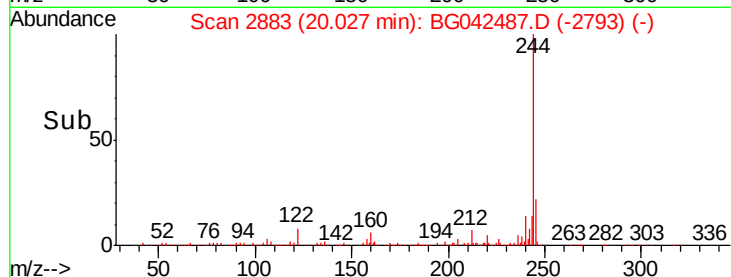
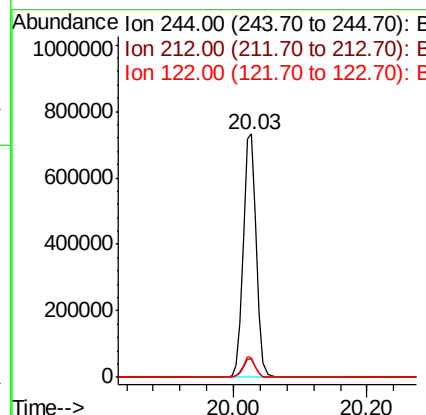
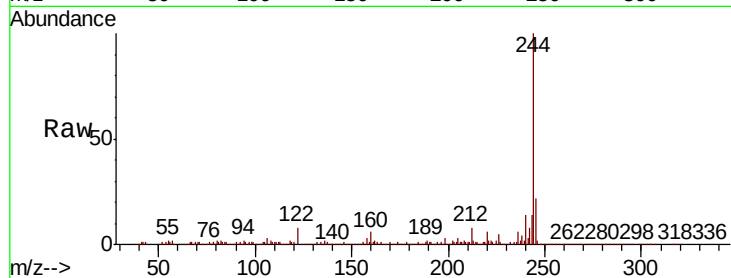
#79
 Terphenyl-d14
 Concen: 62.779 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. 0.00 min
 Lab File: BG042487.D
 Acq: 25 Aug 2019 20:54

Instrument :
 BNA_G
 ClientSampleId :
 BOTTOM-4

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.5	6.0	9.0	
122	7.9	6.7	10.1	

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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: BG042487.D
 Acq: 25 Aug 2019 20:54

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

