

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
 Data File : BG042394.D
 Acq On : 21 Aug 2019 21:55
 Operator : HP/JU
 Sample : K4413-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TMW-02

Manual Integrations
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Quant Time: Aug 22 03:11:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	66134	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	272716	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	212829	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	481183	20.00	ng	0.00
76) Chrysene-d12	21.70	240	397160	20.00	ng	0.00
87) Perylene-d12	24.94	264	480058	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	80980	24.81	ng	0.00
7) Phenol-d6	7.17	99	74682	16.85	ng	0.00
23) Nitrobenzene-d5	9.18	82	388388	100.16	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	228870	78.96	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1212328	96.39	ng	0.00
79) Terphenyl-d14	20.03	244	1847935	101.91	ng	0.00
Target Compounds						
10) Phenol	7.20	94	11082	2.459	ng	Qvalue 87
37) 2-Methylnaphthalene	12.49	142	39755	3.924	ng	91
38) 1-Methylnaphthalene	12.71	142	68408m	7.089	ng	
50) Dimethylphthalate	14.11	163	223559	14.783	ng	99
52) Acenaphthene	14.73	154	123953	11.418	ng	94
58) Fluorene	15.71	166	94487	6.569	ng	98
71) Phenanthrene	17.46	178	489095	20.409	ng	98
72) Anthracene	17.55	178	151355	6.333	ng	98
73) Carbazole	17.82	167	51126	2.408	ng	# 92
75) Fluoranthene	19.47	202	357038	12.355	ng	98
78) Pyrene	19.83	202	272590	11.154	ng	97
81) Benzo(a)anthracene	21.68	228	72833	2.986	ng	97
83) Chrysene	21.74	228	62454	2.677	ng	96
88) Benzo(b)fluoranthene	23.92	252	64421	2.441	ng	# 98

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

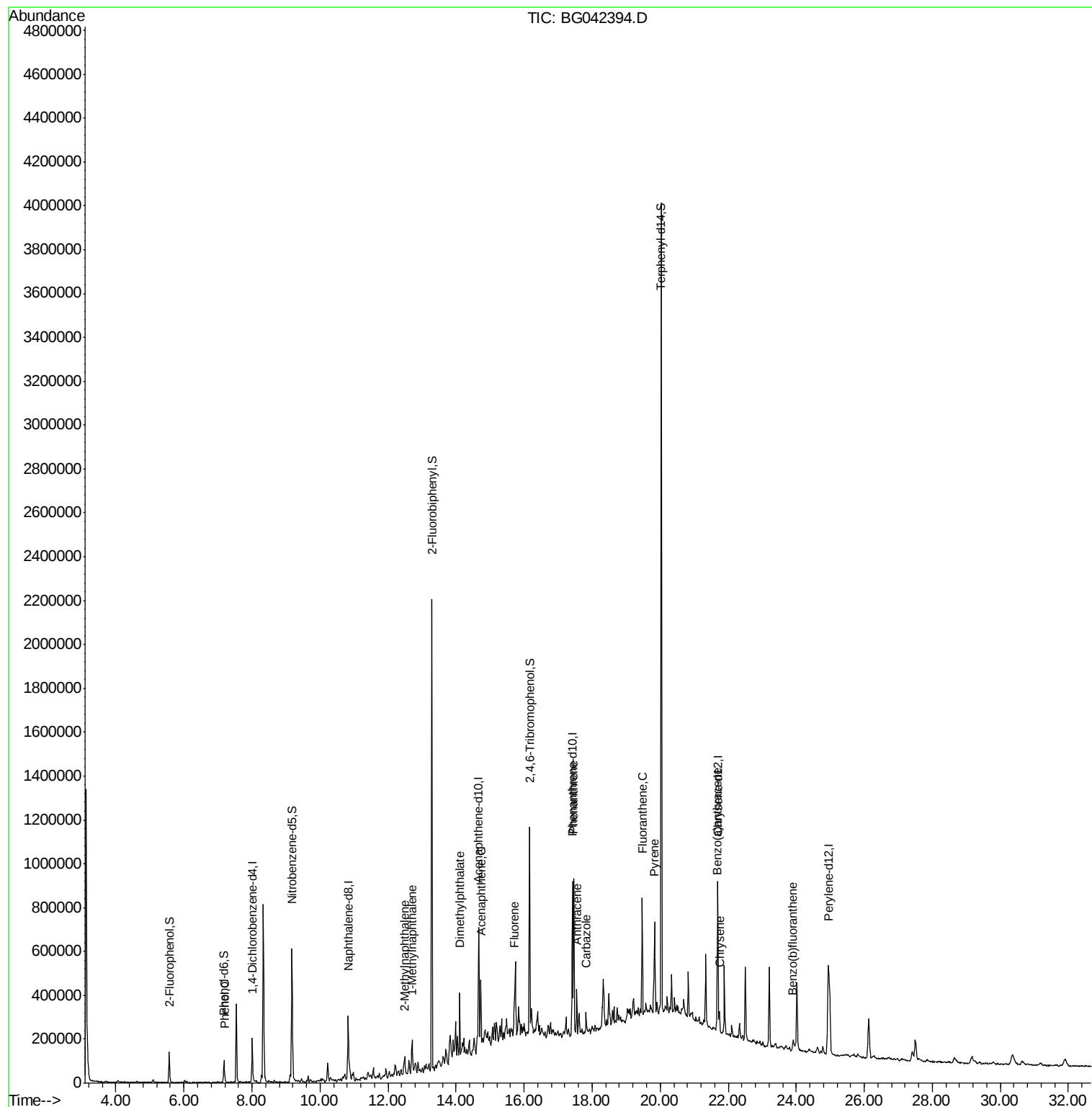
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082119\
Data File : BG042394.D
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Sample : K4413-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

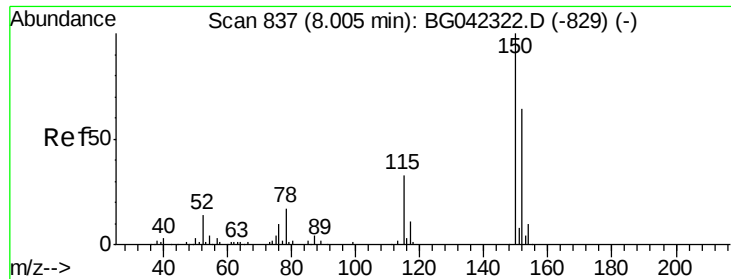
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

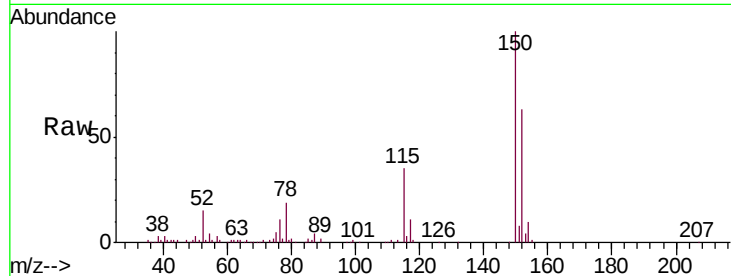
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :
TMW-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.3	186.5
115	55.1	40.5	60.7

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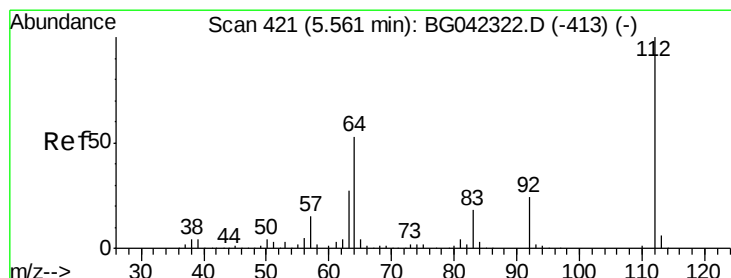
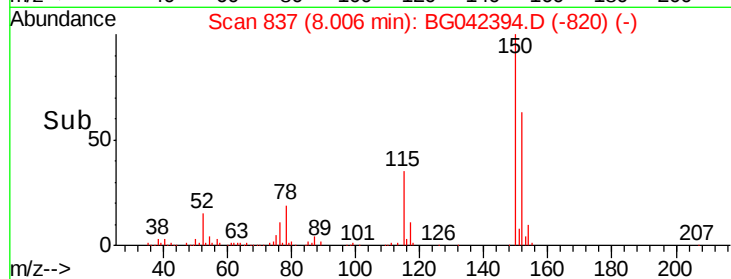
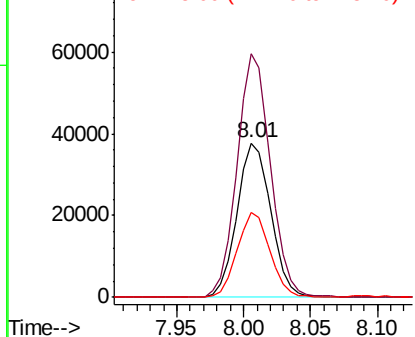


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

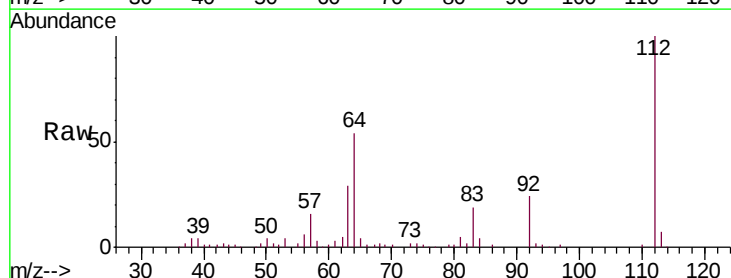
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 24.809 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.6	42.5	63.7
63	29.0	21.7	32.5

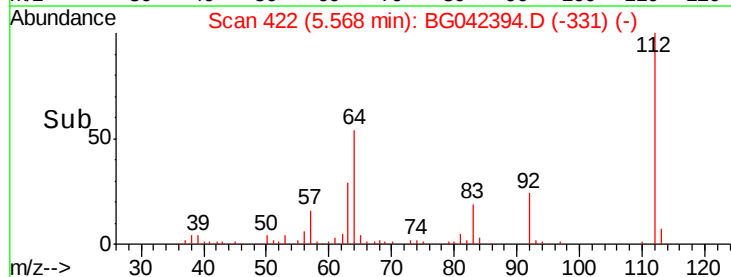
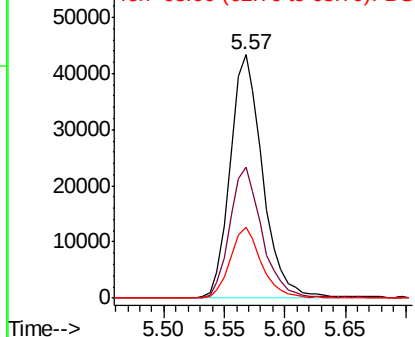


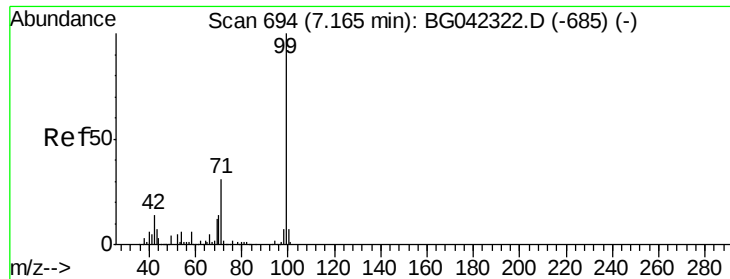
Abundance

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: 16.847 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Instrument :

BNA_G

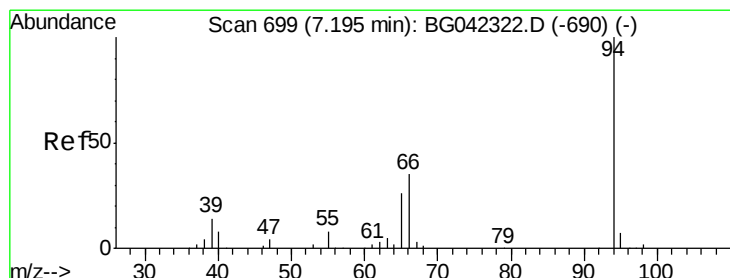
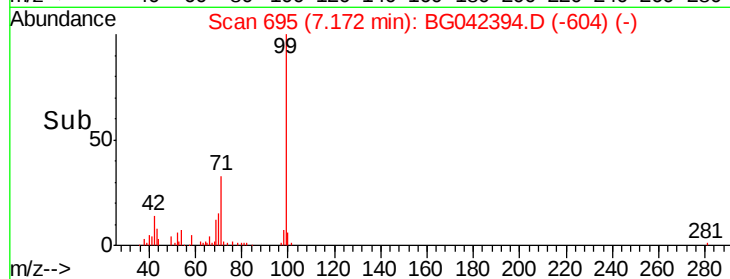
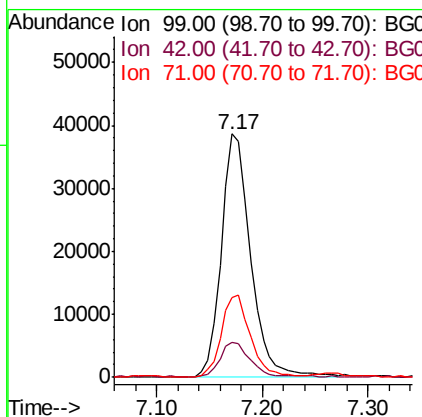
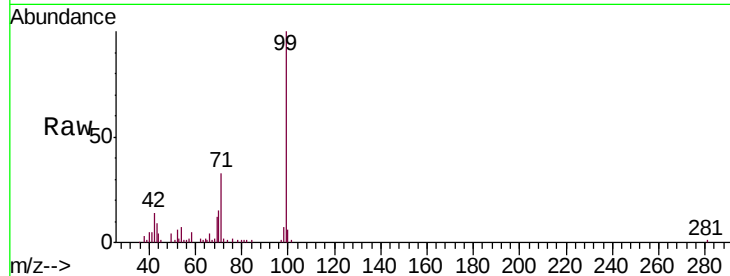
ClientSampled :

TMW-02

Tot Ion:	99	Resp:	74682
Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.4	17.0
71	32.8	25.1	37.7

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#10

Phenol

Concen: 2.459 ng

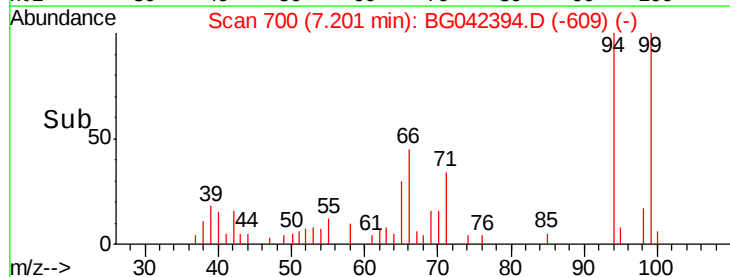
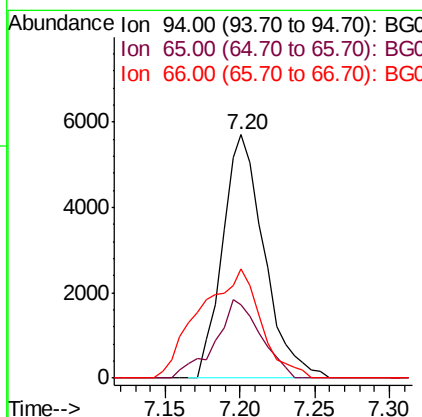
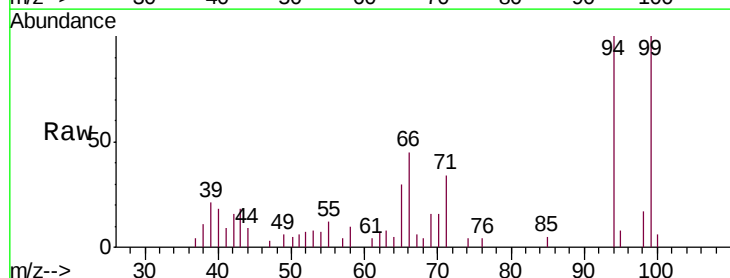
RT: 7.20 min Scan# 700

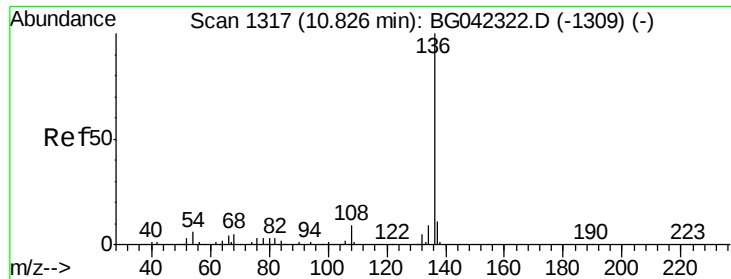
Delta R.T. 0.01 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Tgt Ion:	94	Resp:	11082
Ion	Ratio	Lower	Upper
94	100		
65	30.3	6.1	46.1
66	45.0	15.7	55.7





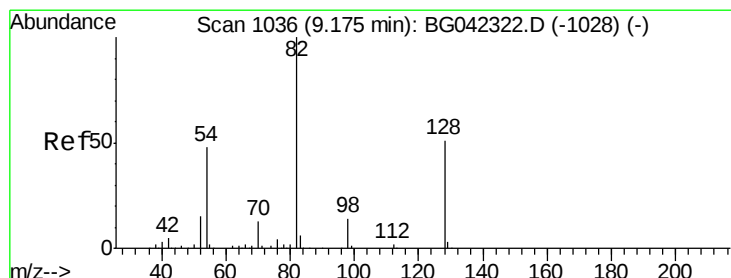
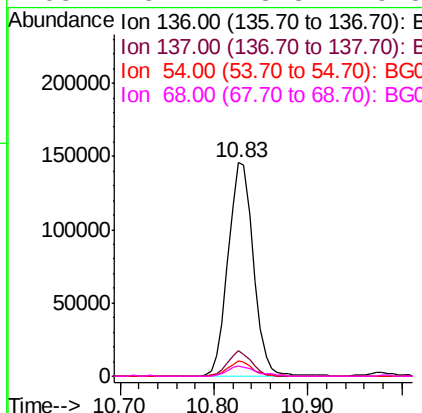
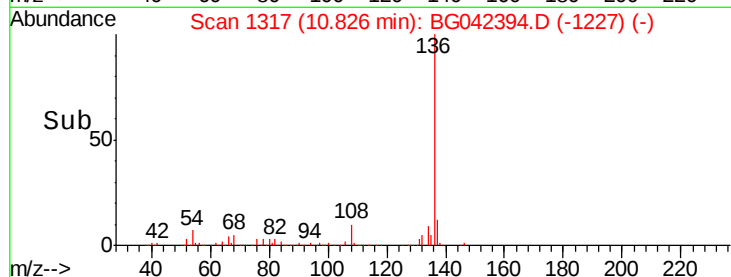
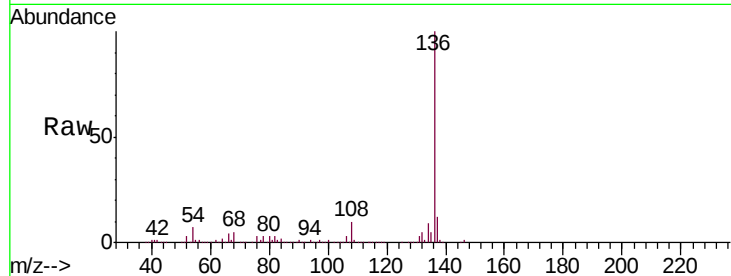
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :
TMW-02

Tot Ion	Ratio	Resp	Lower	Upper
136	100	272716		
137	11.8		8.4	12.6
54	7.1		5.0	7.4
68	5.1		3.8	5.8

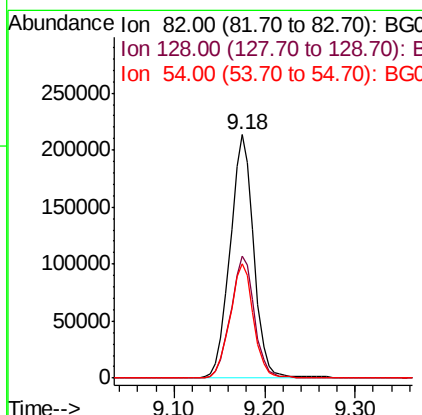
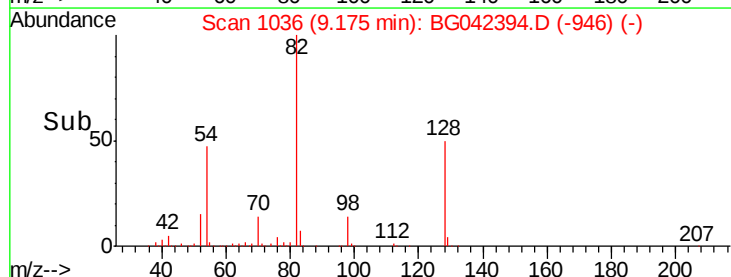
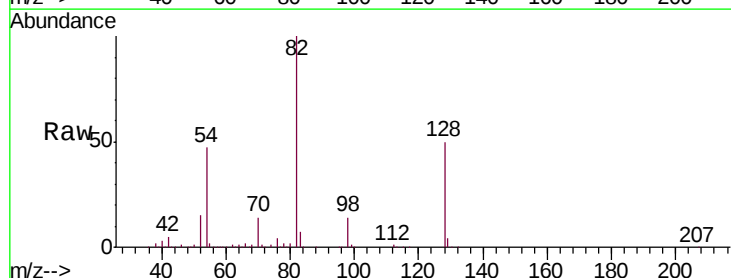
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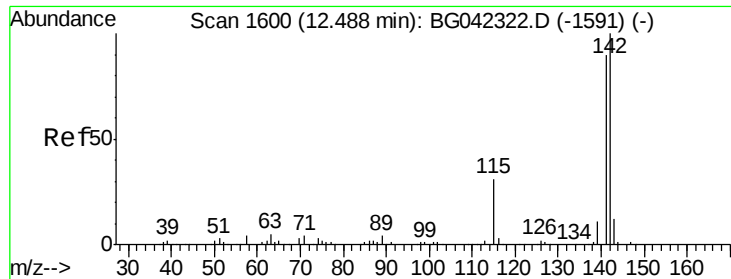
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#23
Nitrobenzene-d5
Concen: 100.165 ng
RT: 9.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	388388		
128	50.0		41.0	61.4
54	46.9		38.0	57.0





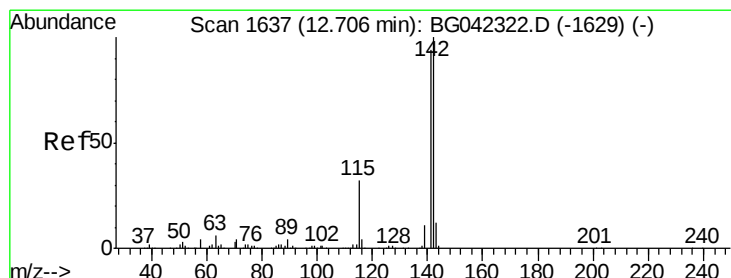
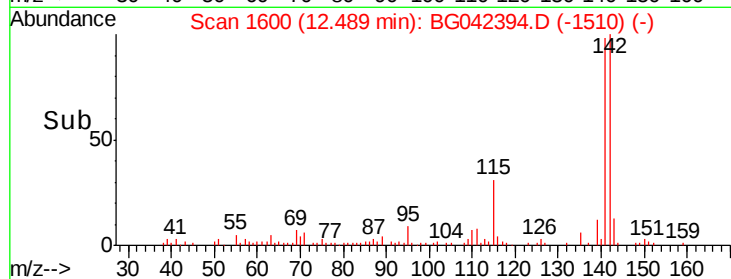
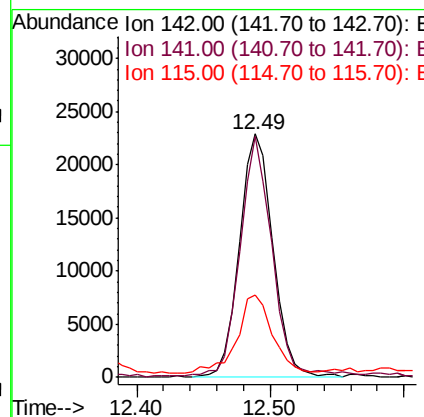
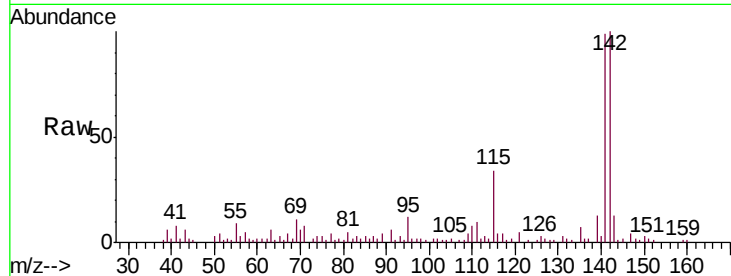
#37
2-Methylnaphthalene
Concen: 3.924 ng
RT: 12.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :
TMW-02

Tot Ion	Ratio	Lower	Upper
142	100		
141	99.0	72.1	108.1
115	34.1	24.4	36.6

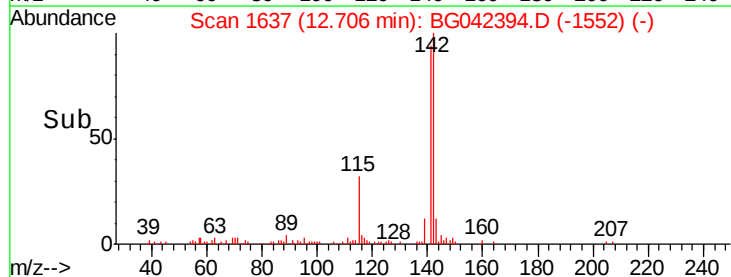
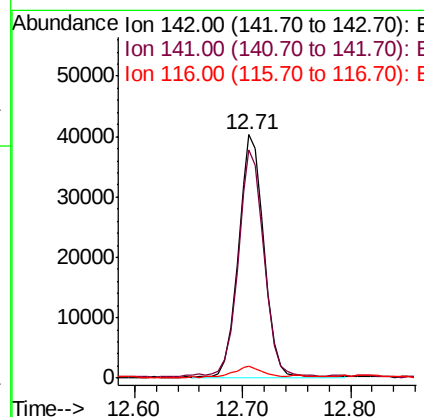
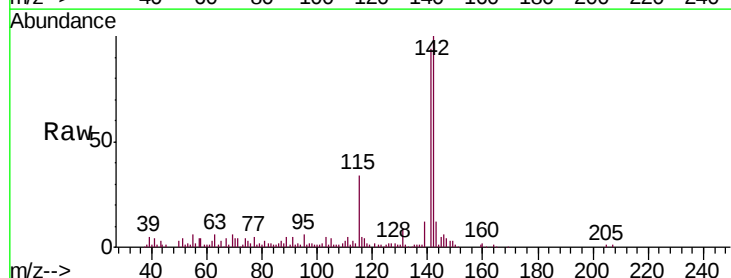
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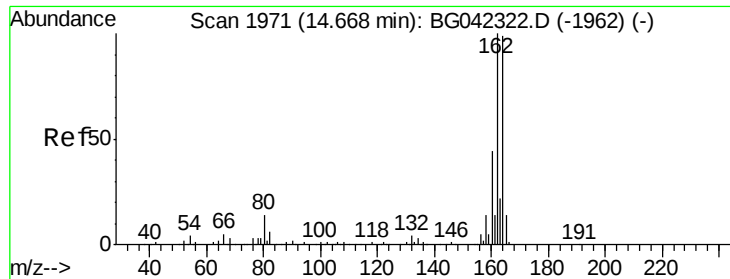
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#38
1-Methylnaphthalene
Concen: 7.089 ng m
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.1	112.7
116	5.0	3.0	4.6#





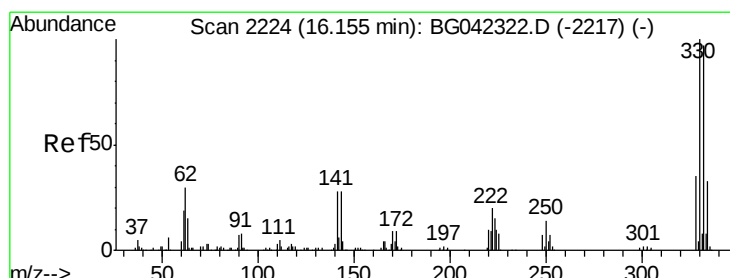
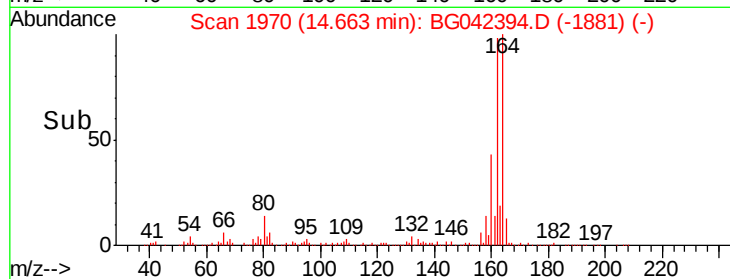
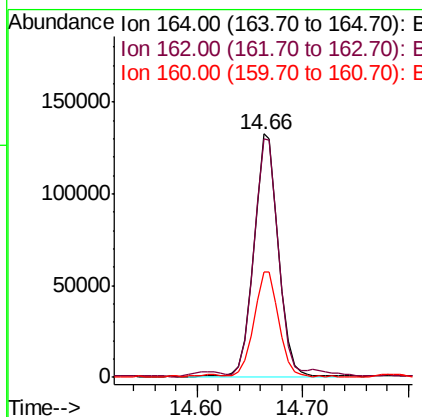
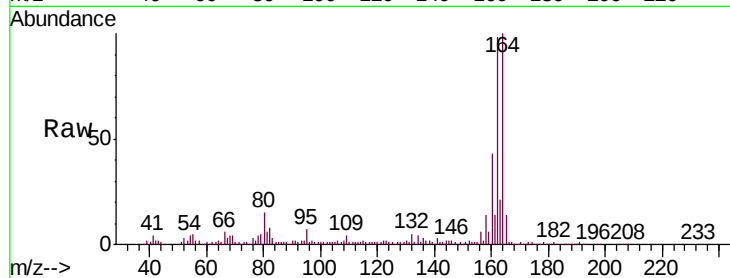
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :
TMW-02

Tot Ion	Ratio	Resp	Lower	Upper
164	100	212829		
162	97.7	80.6	120.8	
160	43.2	35.7	53.5	

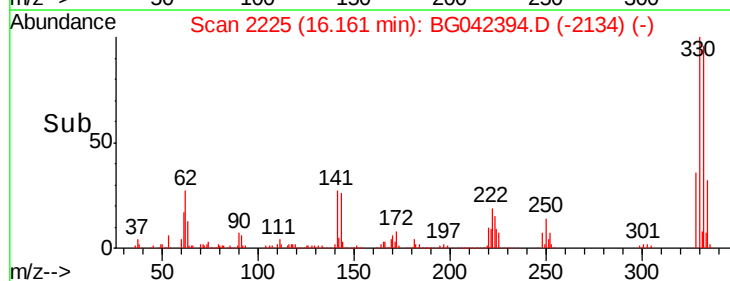
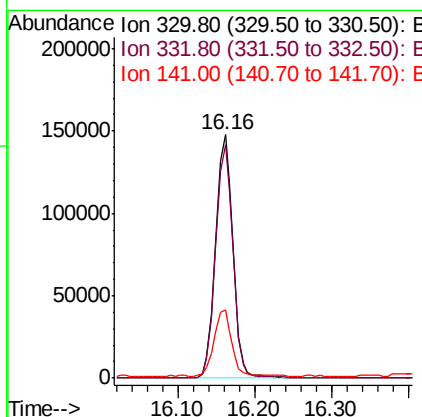
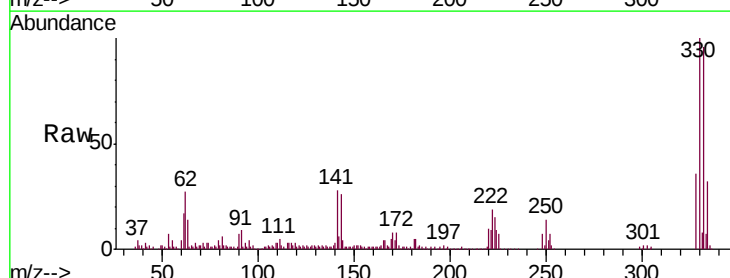
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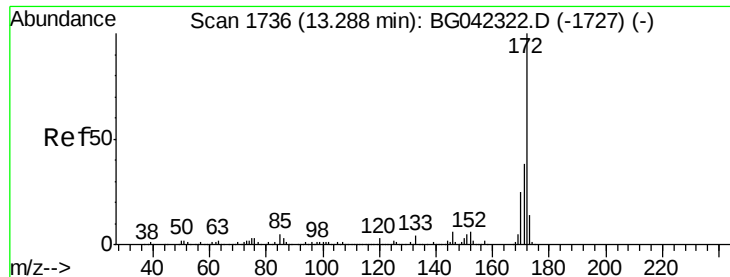
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#42
2,4,6-Tribromophenol
Concen: 78.957 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	228870		
332	96.0	76.9	115.3	
141	26.7	21.8	32.6	





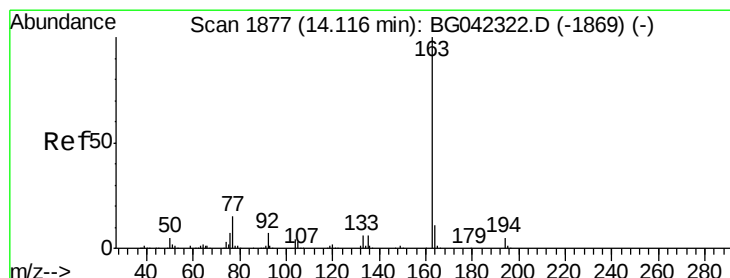
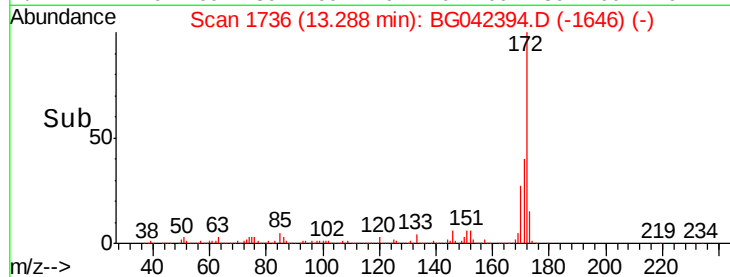
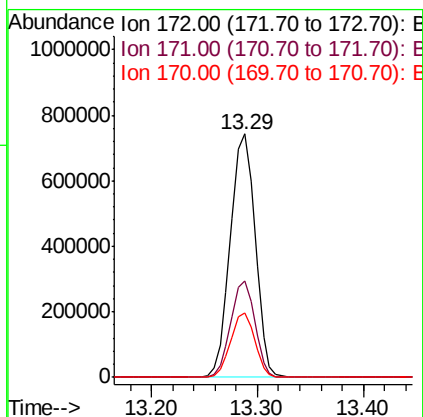
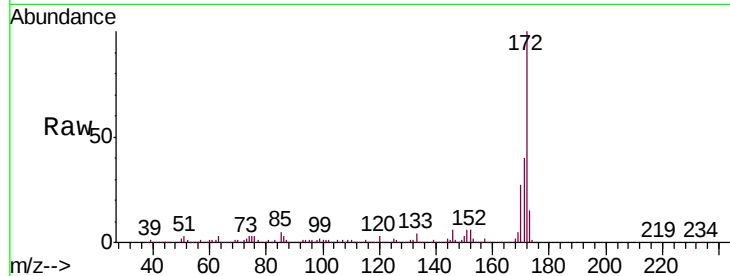
#45
2-Fluorobiphenyl
Concen: 96.390 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampled :
TMW-02

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.3	45.5
170	26.6	20.0	30.0

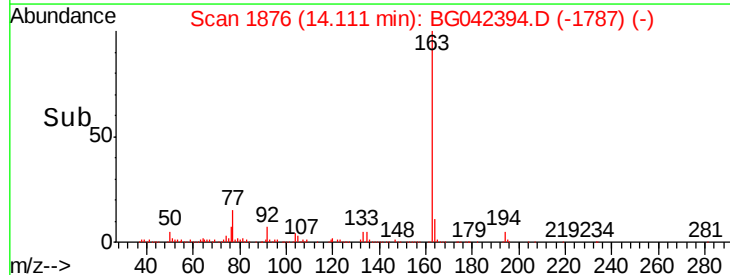
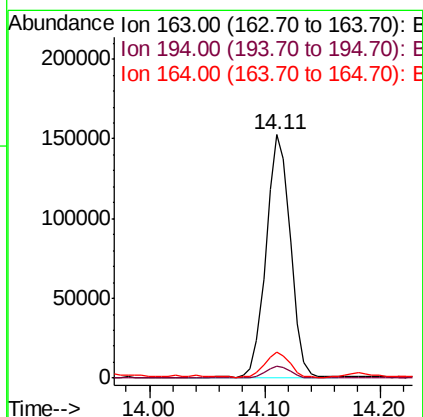
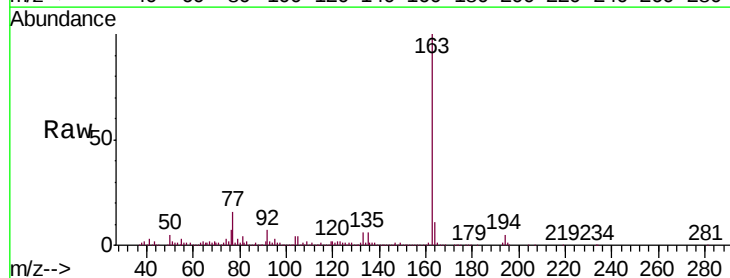
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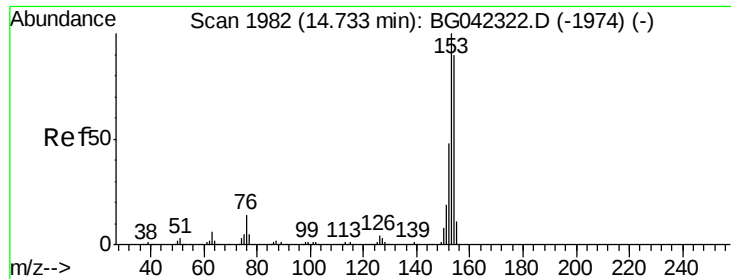
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#50
Dimethylphthalate
Concen: 14.783 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	10.8	8.8	13.2





#52

Acenaphthene

Concen: 11.418 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Instrument :

BNA_G

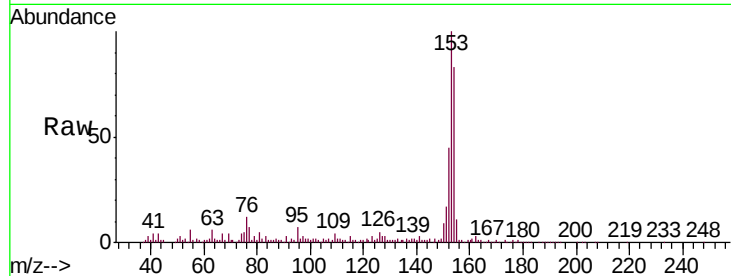
ClientSampleId :

TMW-02

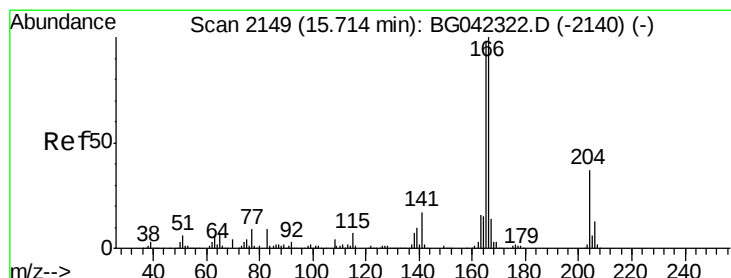
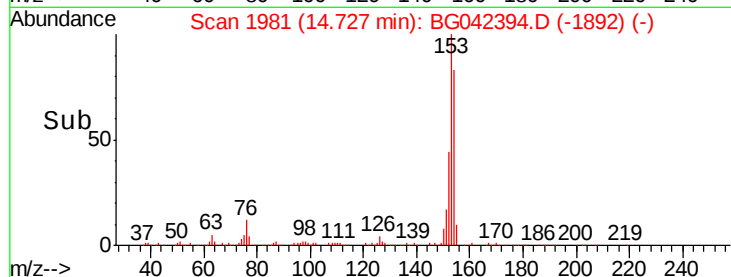
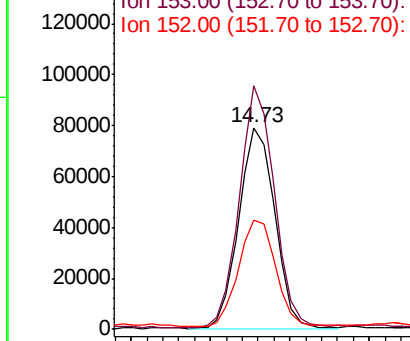
Tot Ion:	154	Resp:	123953
Ion Ratio	Lower	Upper	
154	100		
153	120.8	89.4	134.0
152	54.0	43.1	64.7

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#58

Fluorene

Concen: 6.569 ng

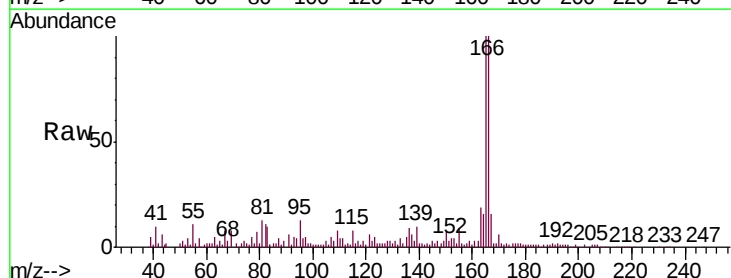
RT: 15.71 min Scan# 2149

Delta R.T. 0.00 min

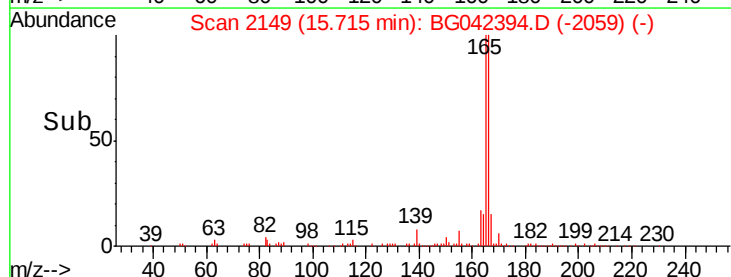
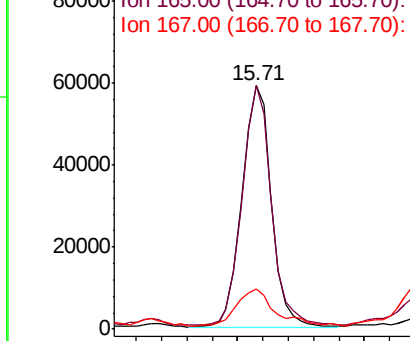
Lab File: BG042394.D

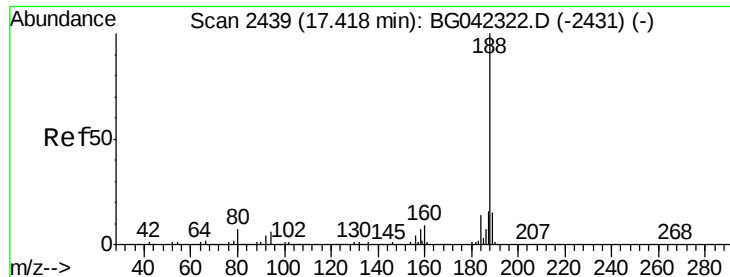
Acq: 21 Aug 2019 21:55

Tgt Ion:	166	Resp:	94487
Ion Ratio	Lower	Upper	
166	100		
165	100.1	78.7	118.1
167	16.3	11.1	16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. 0.00 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Instrument :

BNA_G

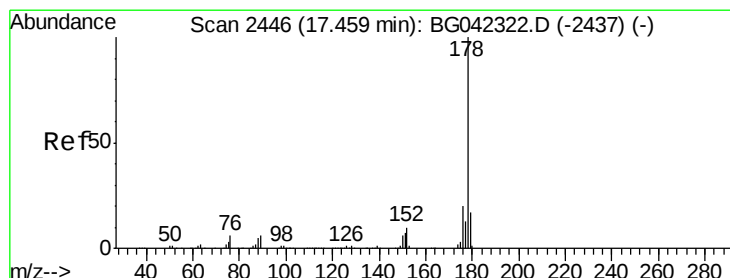
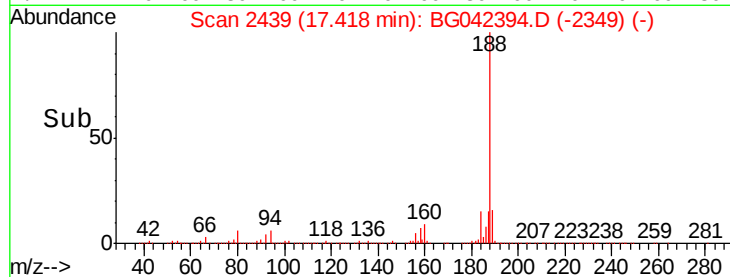
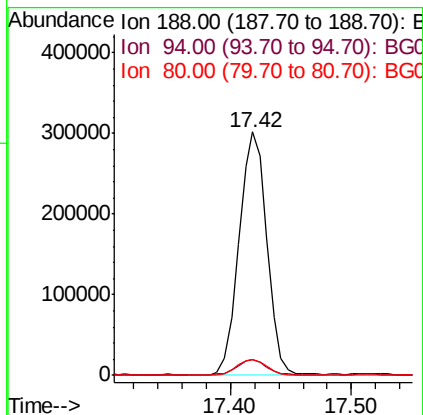
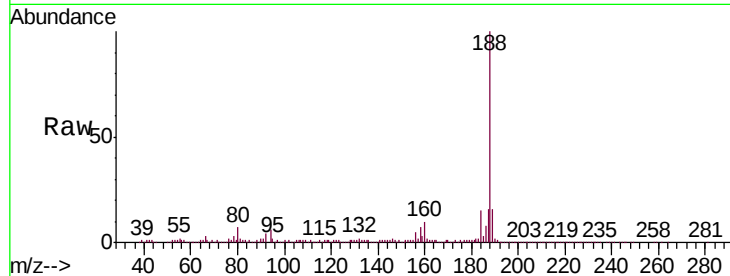
ClientSampleId :

TMW-02

Tot Ion:	188	Resp:	481183
Ion Ratio	Lower	Upper	
188	100		
94	6.3	4.9	7.3
80	6.6	5.4	8.0

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#71

Phenanthrene

Concen: 20.409 ng

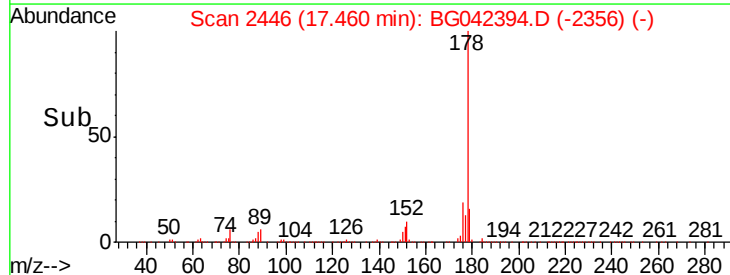
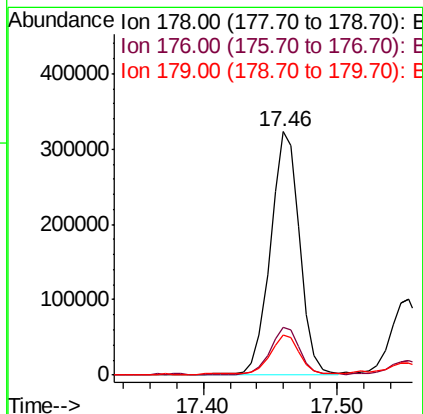
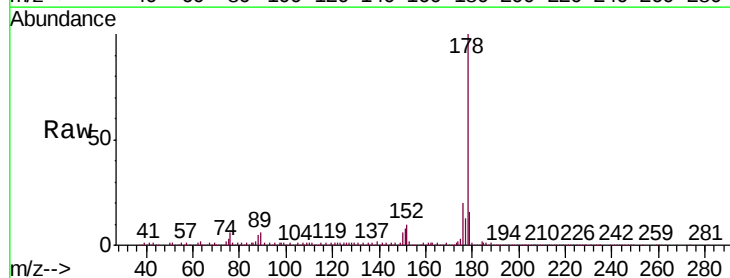
RT: 17.46 min Scan# 2446

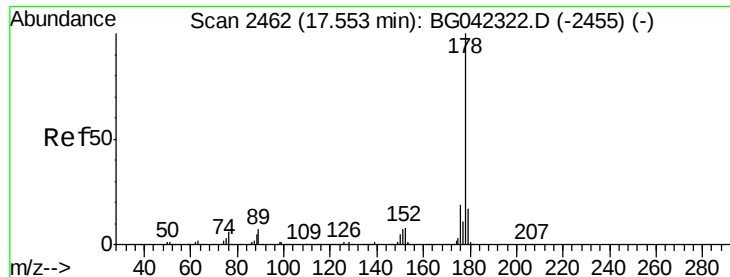
Delta R.T. 0.00 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Tgt Ion:	178	Resp:	489095
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.2	24.4
179	16.3	13.7	20.5





#72

Anthracene

Concen: 6.333 ng

RT: 17.55 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Instrument :

BNA_G

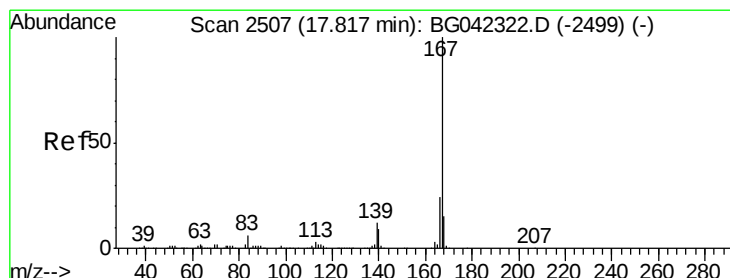
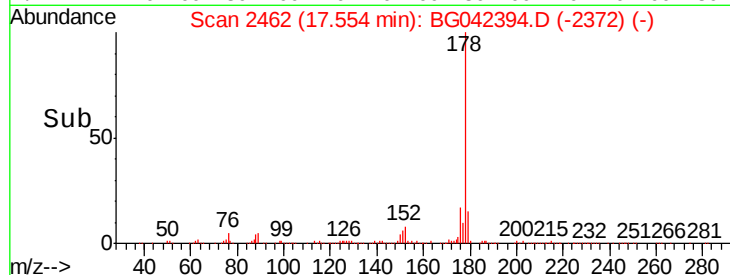
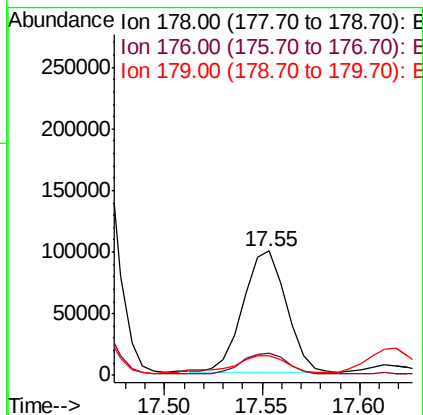
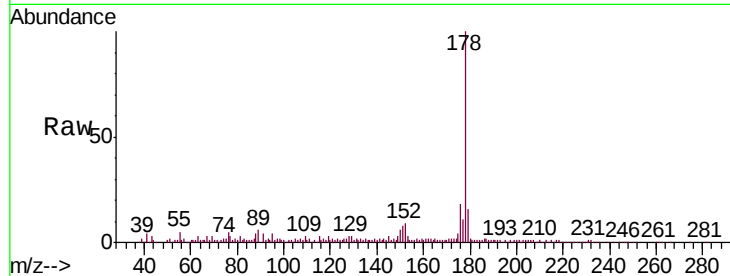
ClientSampleId :

TMW-02

Tot Ion:	178	Resp:	151355
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.5	23.3
179	16.1	13.6	20.4

Manual Integrations
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#73

Carbazole

Concen: 2.408 ng

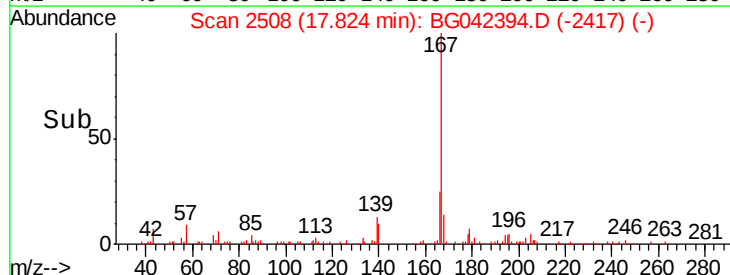
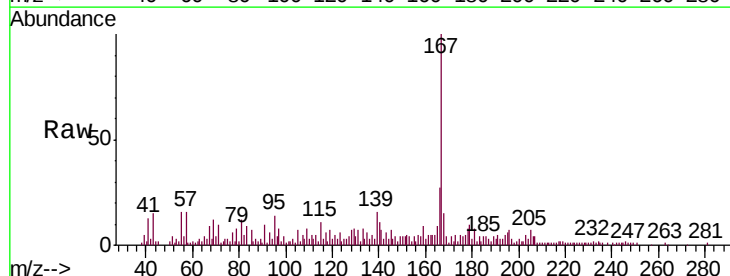
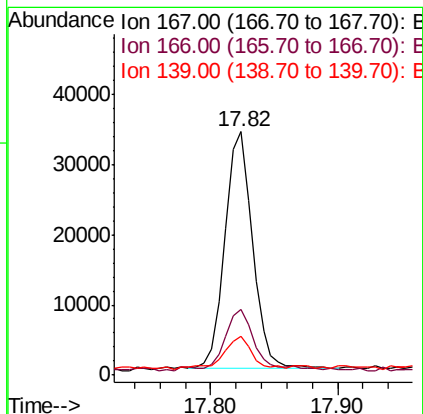
RT: 17.82 min Scan# 2508

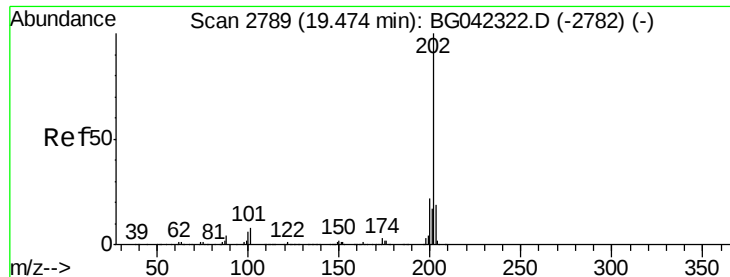
Delta R.T. 0.01 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Tgt Ion:	167	Resp:	51126
Ion Ratio	Lower	Upper	
167	100		
166	26.8	19.0	28.6
139	16.1	9.7	14.5#





#75

Fluoranthene

Concen: 12.355 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Instrument :

BNA_G

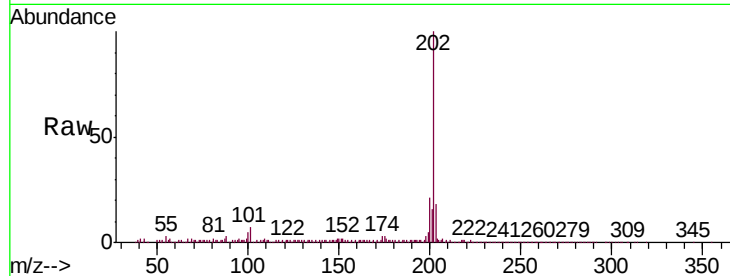
ClientSampleId :

TMW-02

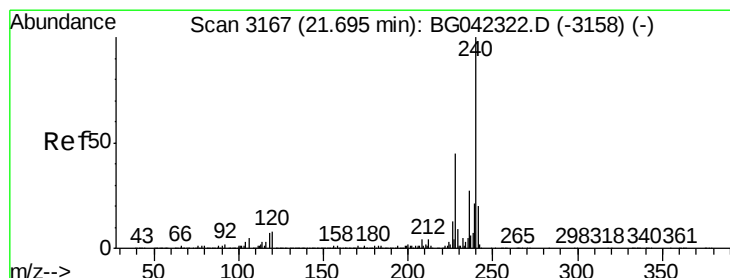
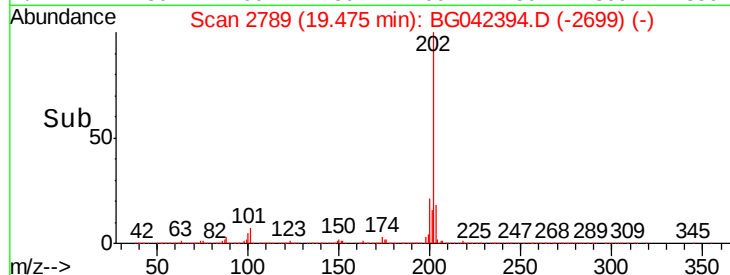
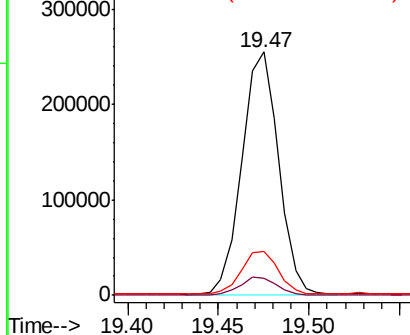
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		357038		
101	6.8	0.0	28.0		
203	18.2	0.0	39.1		

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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

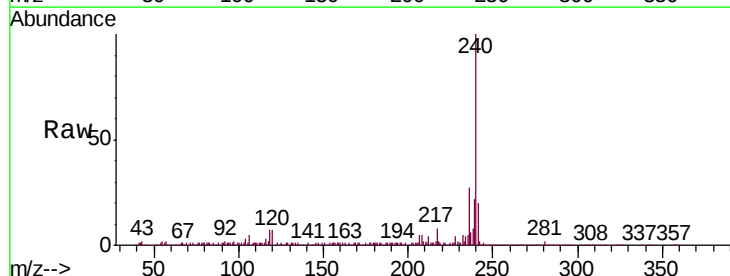
RT: 21.70 min Scan# 3167

Delta R.T. 0.00 min

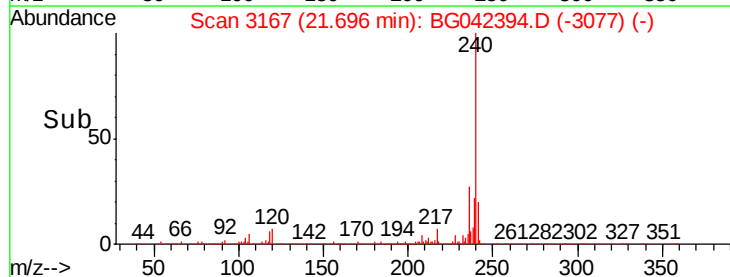
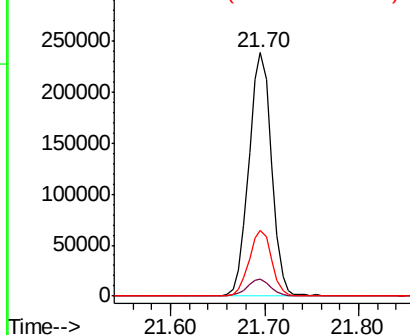
Lab File: BG042394.D

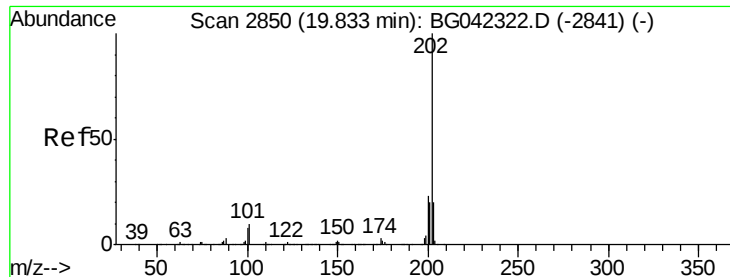
Acq: 21 Aug 2019 21:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		397160		
120	7.2	6.0	9.0		
236	27.1	21.6	32.4		



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





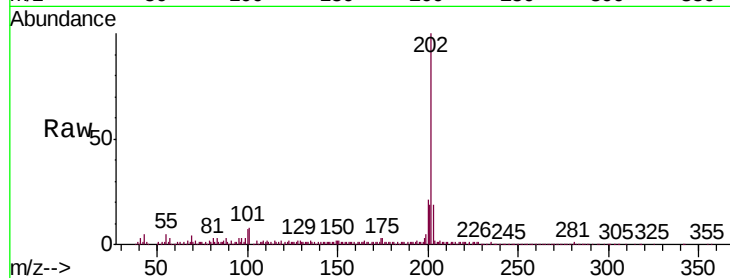
#78
Pvrene
Concen: 11.154 ng
RT: 19.83 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Instrument :
BNA_G
ClientSampled :
TMW-02

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	18.1	27.1
203	18.6	15.8	23.8

Manual Integrations
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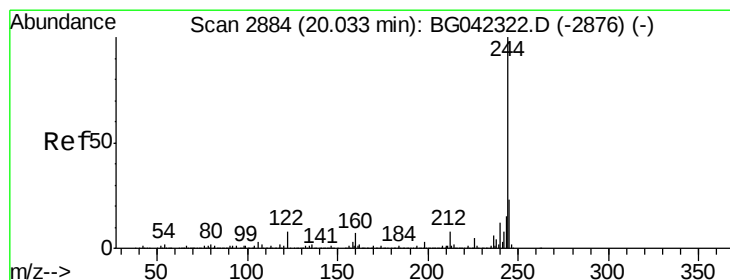
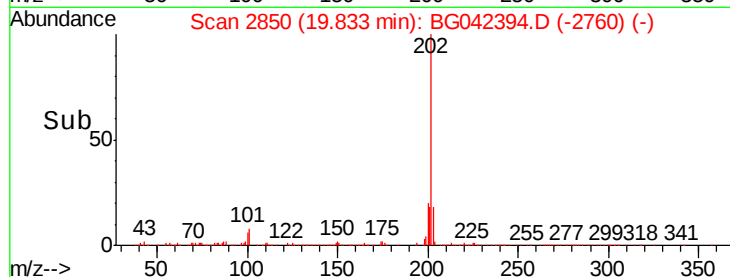
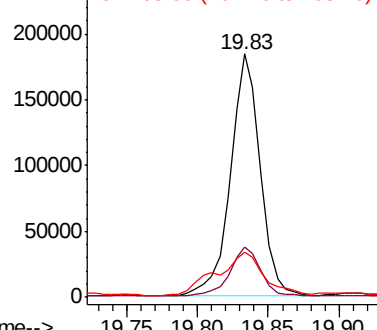


Abundance

Ion 202.00 (201.70 to 202.70): E

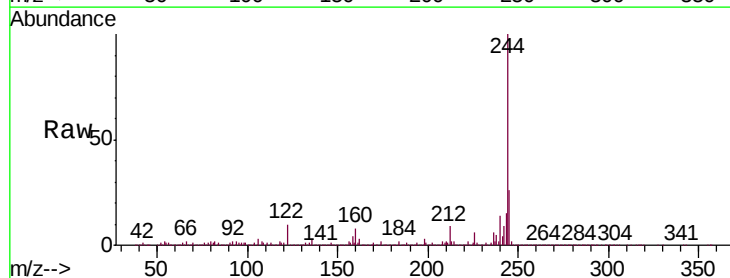
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 101.911 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.00 min
Lab File: BG042394.D
Acq: 21 Aug 2019 21:55

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.9	6.4	9.6
122	9.5	6.6	10.0

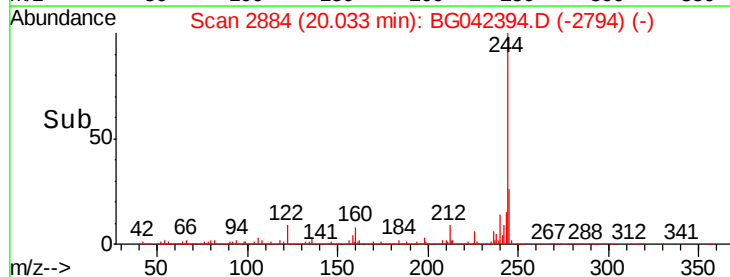
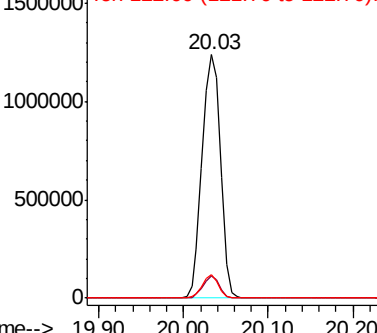


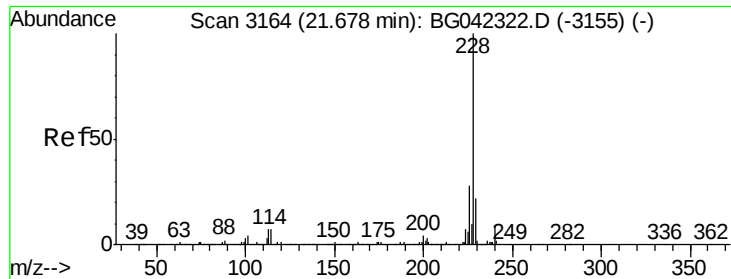
Abundance

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: 2.986 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Instrument :

BNA_G

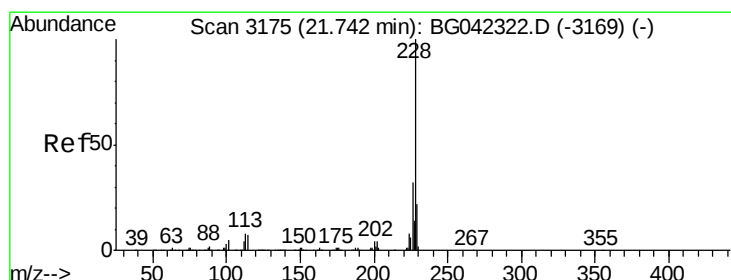
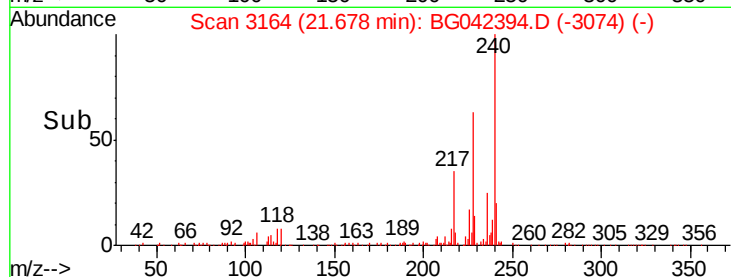
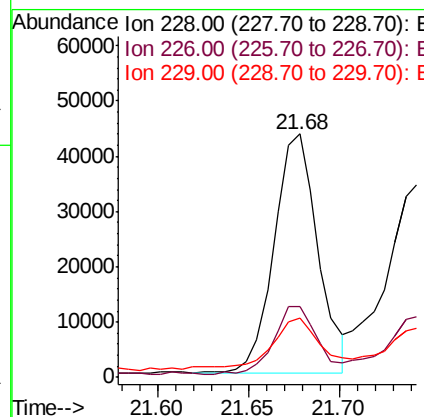
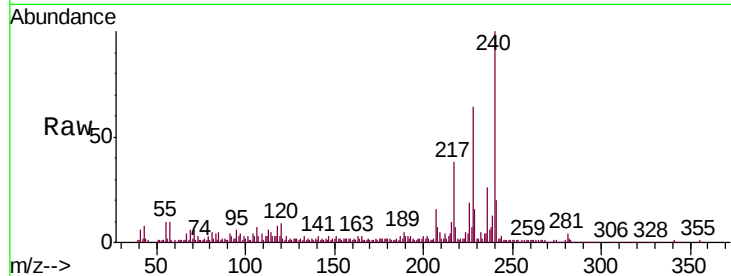
ClientSampled :

TMW-02

Tot Ion:	228	Resp:	72833
Ion Ratio	Lower	Upper	
228	100		
226	29.1	22.7	34.1
229	24.6	17.4	26.2

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#83

Chrysene

Concen: 2.677 ng

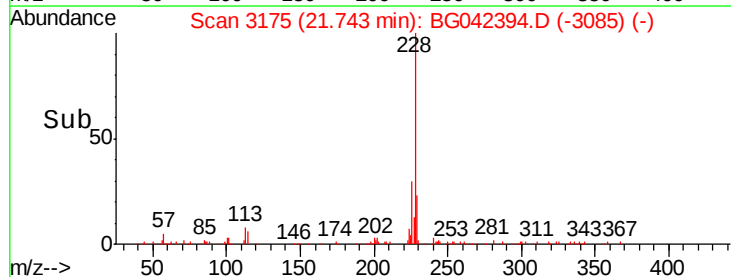
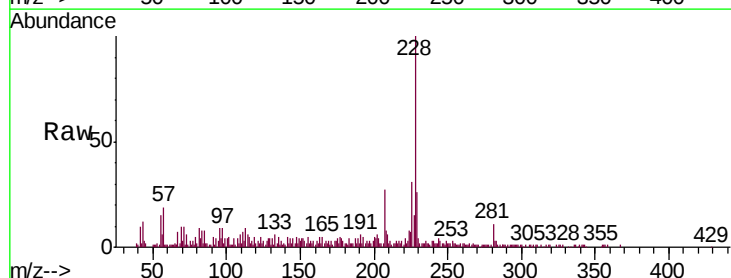
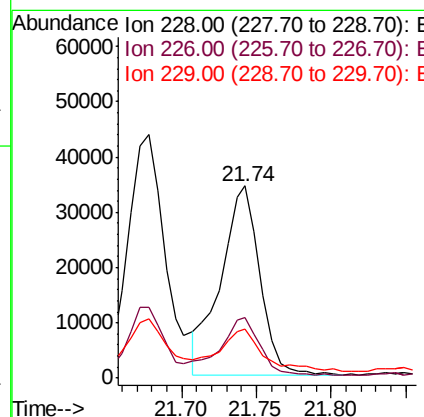
RT: 21.74 min Scan# 3175

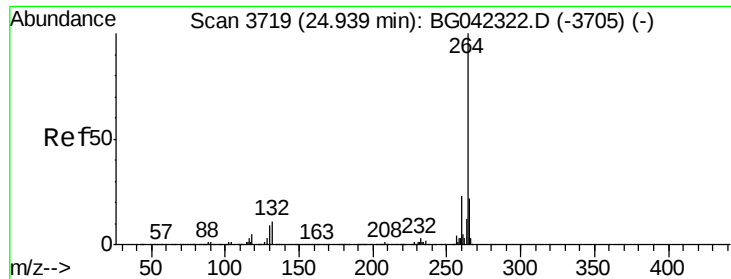
Delta R.T. 0.00 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Tgt Ion:	228	Resp:	62454
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.6	38.4
229	25.6	17.8	26.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. 0.00 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Instrument :

BNA_G

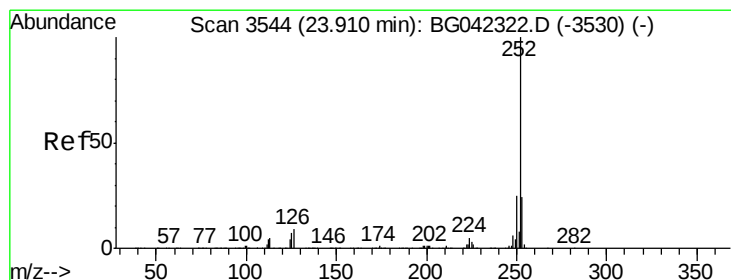
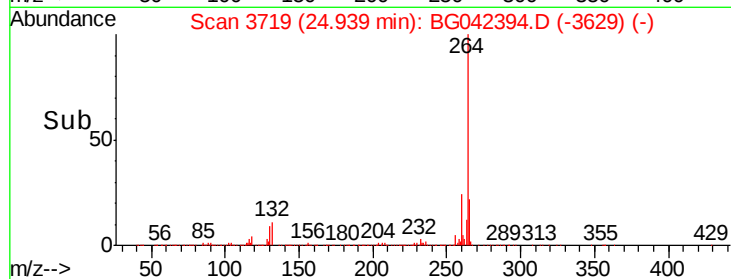
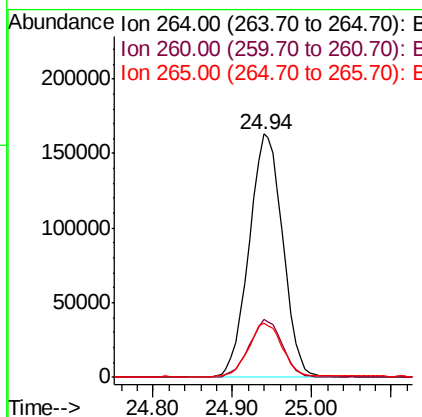
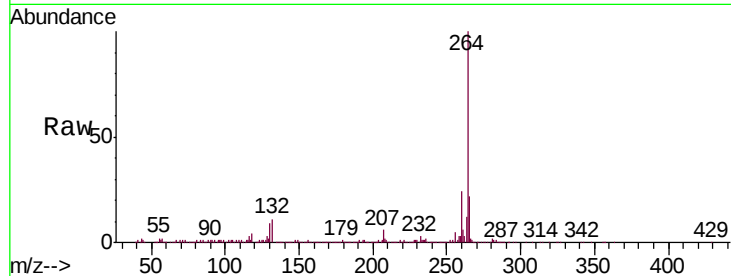
ClientSampleId :

TMW-02

Tot Ion:	264	Resp:	480058
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.4	27.6
265	22.2	17.4	26.0

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 2.441 ng

RT: 23.92 min Scan# 3545

Delta R.T. 0.01 min

Lab File: BG042394.D

Acq: 21 Aug 2019 21:55

Tgt Ion:	252	Resp:	64421
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.9	28.3
125	8.9	5.8	8.6#

