

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
 Data File : BG042371.D
 Acq On : 20 Aug 2019 23:47
 Operator : HP/JU
 Sample : K4385-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T8-C-(0-2)

Manual Integrations
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Quant Time: Aug 21 12:07:13 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	81277	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	293753	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	180021	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	353747	20.00	ng	0.01
76) Chrysene-d12	21.76	240	286305	20.00	ng	0.07
87) Perylene-d12	25.21	264	373956	20.00	ng	0.28
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	392457	97.83	ng	0.00
7) Phenol-d6	7.18	99	528983	97.09	ng	0.01
23) Nitrobenzene-d5	9.17	82	314297	75.25	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	259700	105.92	ng	0.01
45) 2-Fluorobiphenyl	13.29	172	849970	79.90	ng	0.00
79) Terphenyl-d14	20.06	244	1060261	81.11	ng	0.03
Target Compounds						
50) Dimethylphthalate	14.11	163	67051	5.242	ng	# 81
71) Phenanthrene	17.47	178	109159	6.196	ng	# 53
74) Di-n-butylphthalate	18.39	149	65963	3.623	ng	# 44
75) Fluoranthene	19.50	202	215566	10.147	ng	# 64
78) Pyrene	19.86	202	221175	12.555	ng	# 68
81) Benzo(a)anthracene	21.75	228	83261	4.735	ng	# 28
83) Chrysene	21.81	228	78655	4.676	ng	# 31

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

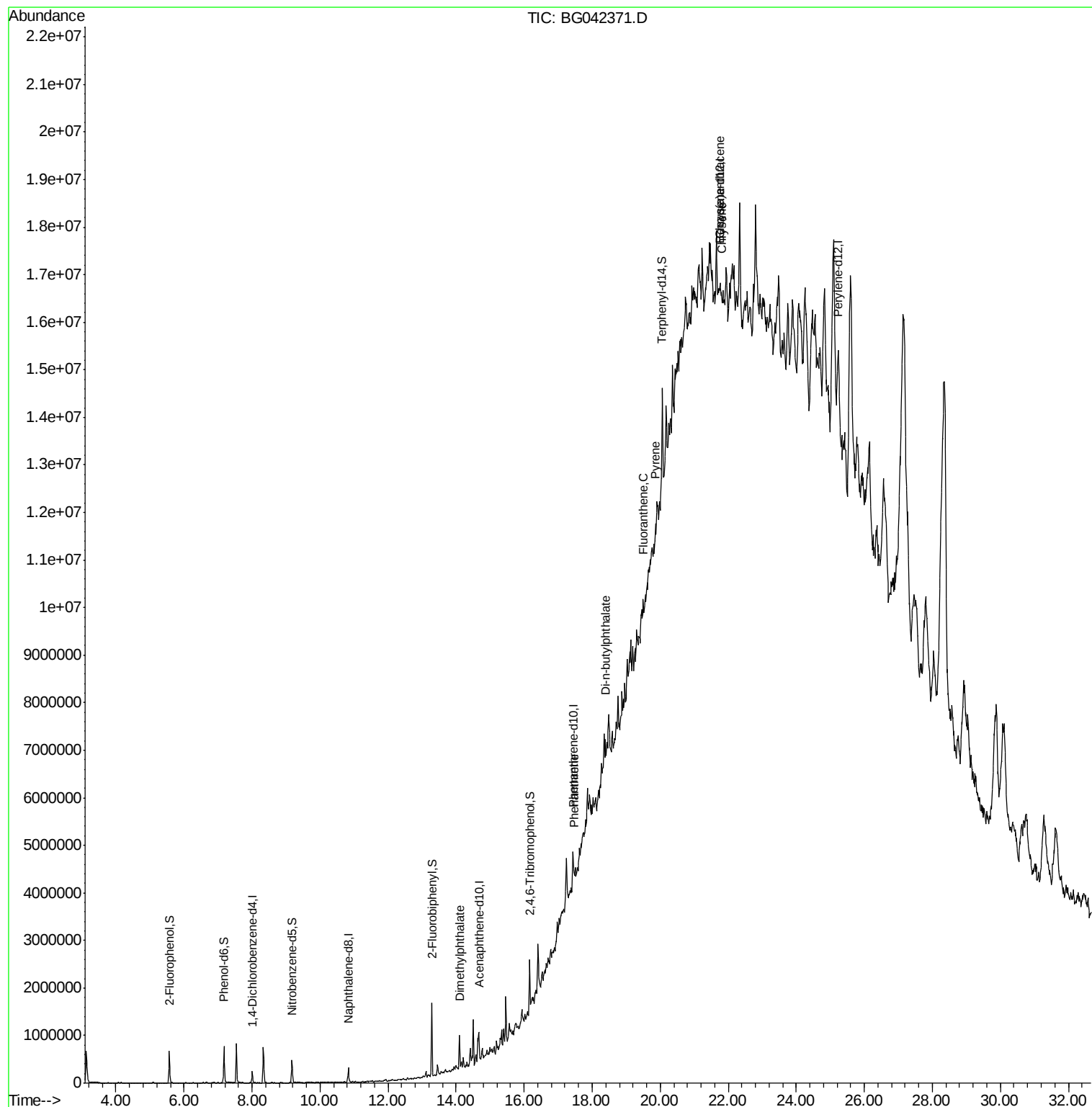
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082019\
Data File : BG042371.D
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Operator : HP/JU
Sample : K4385-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

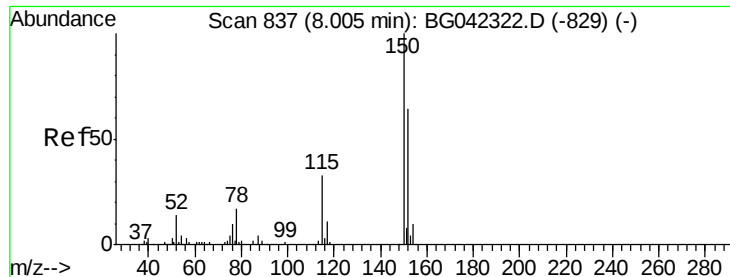
Instrument :
BNA_G
ClientSampleId :
T8-C-(0-2)

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Quant Time: Aug 21 12:07:13 2019
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

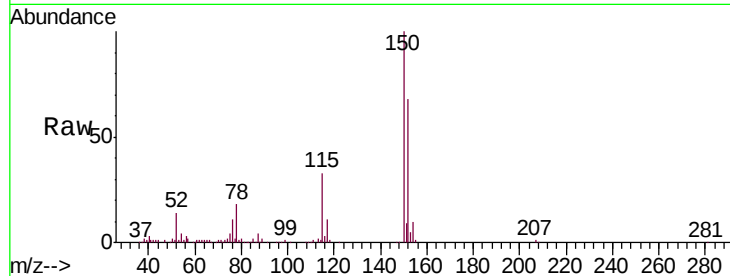
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG042371.D
Acq: 20 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
T8-C-(0-2)

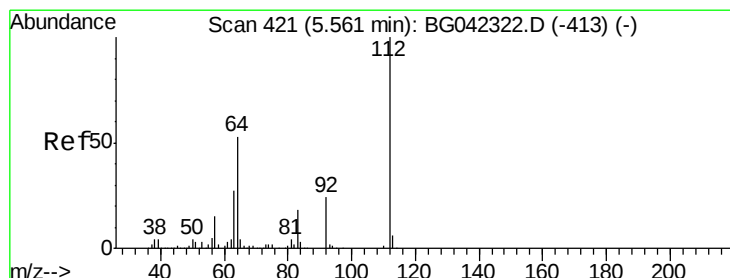
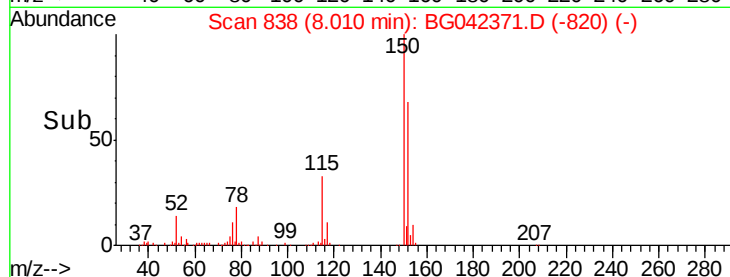
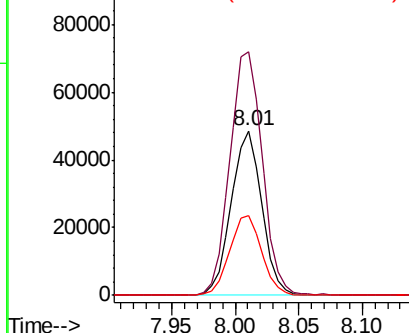
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.0	124.3	186.5
115	48.7	40.5	60.7

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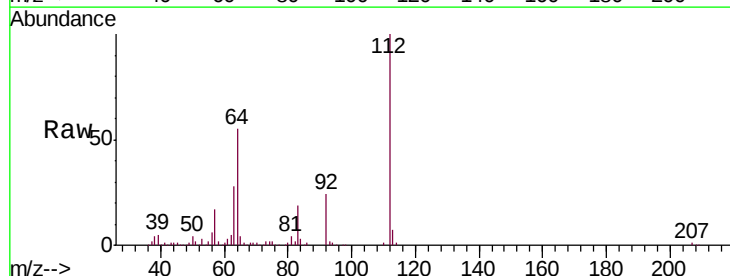
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



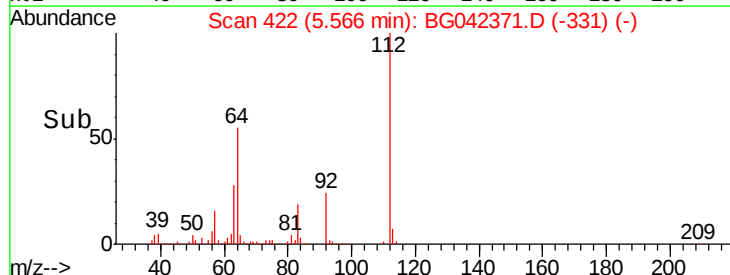
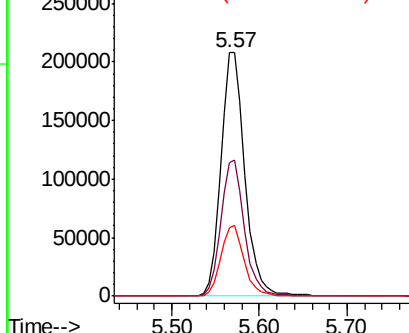
#5

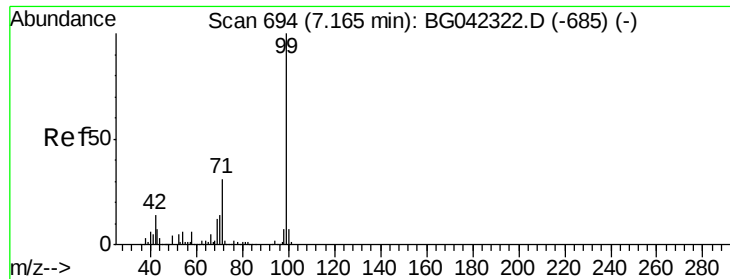
2-Fluorophenol
Concen: 97.833 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG042371.D
Acq: 20 Aug 2019 23:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	42.5	63.7
63	28.0	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: 97.095 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG042371.D

Acq: 20 Aug 2019 23:47

Instrument :

BNA_G

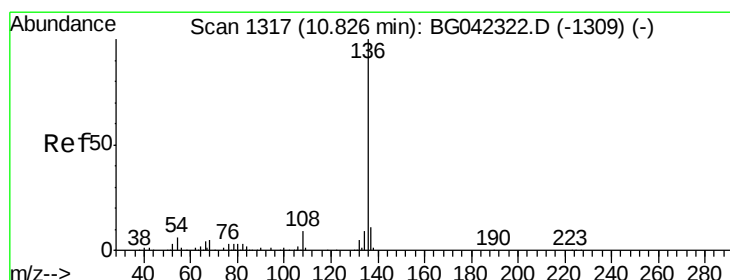
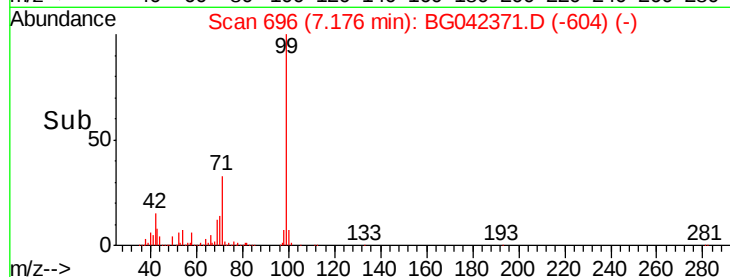
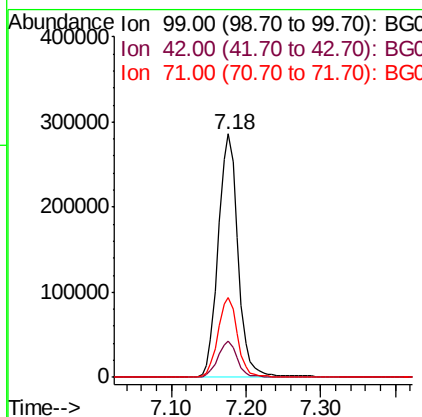
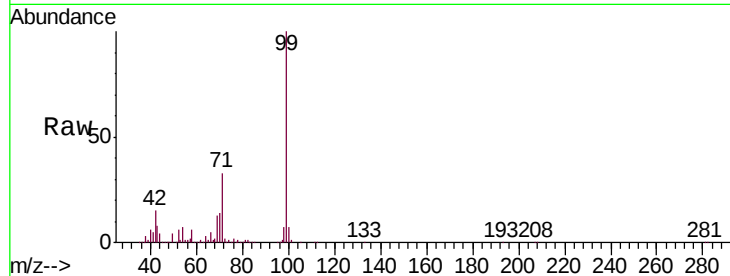
ClientSampleId :

T8-C-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		528983		
42	14.9	11.4	17.0		
71	33.0	25.1	37.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

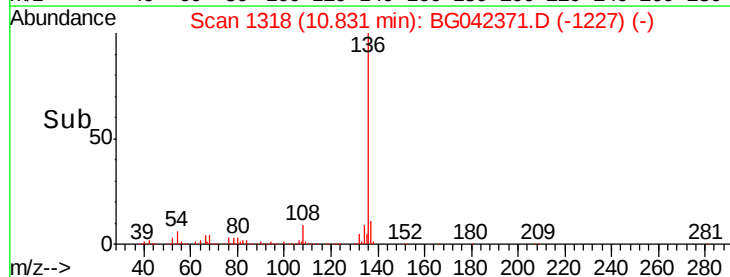
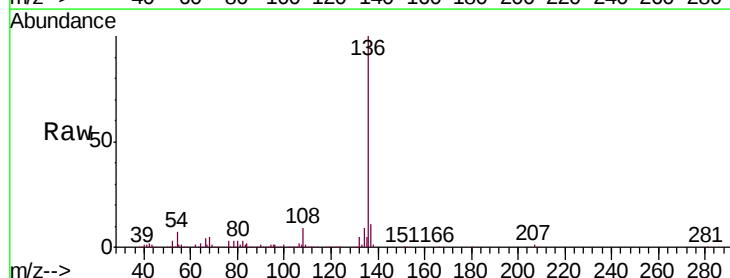
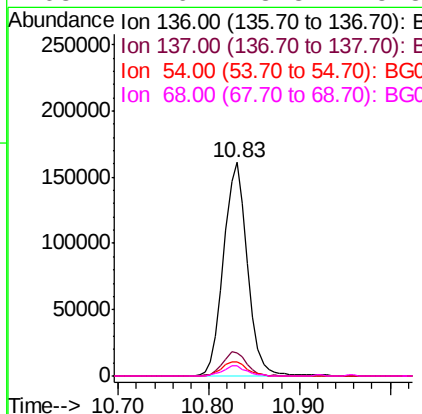
RT: 10.83 min Scan# 1318

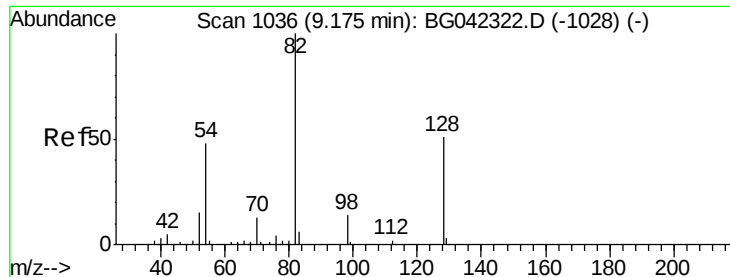
Delta R.T. 0.00 min

Lab File: BG042371.D

Acq: 20 Aug 2019 23:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		293753		
137	10.8	8.4	12.6		
54	6.5	5.0	7.4		
68	4.6	3.8	5.8		





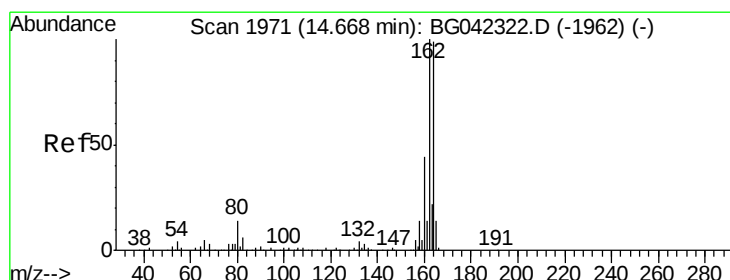
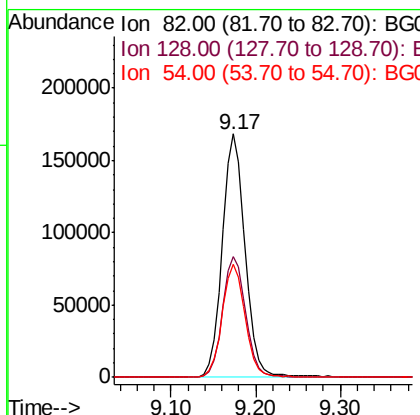
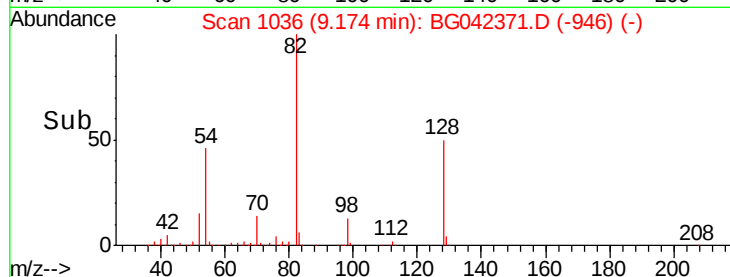
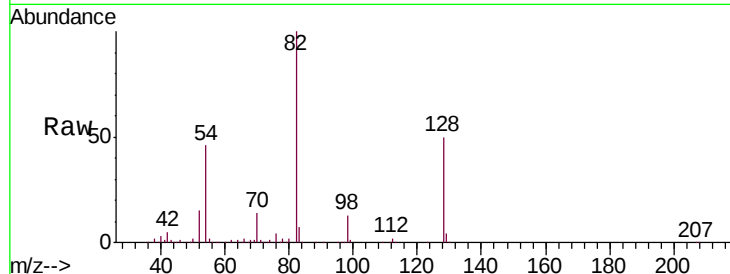
#23
 Nitrobenzene-d5
 Concen: 75.252 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042371.D
 Acq: 20 Aug 2019 23:47

Instrument :
 BNA_G
 ClientSampleId :
 T8-C-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.8	41.0	61.4	
54	46.4	38.0	57.0	

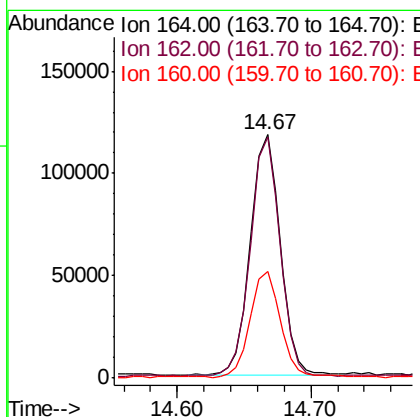
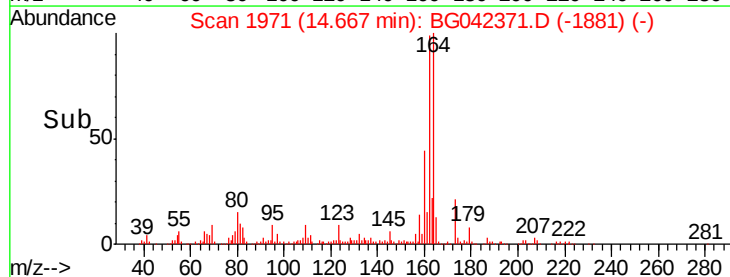
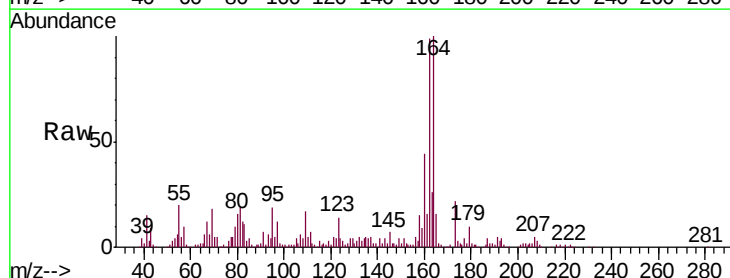
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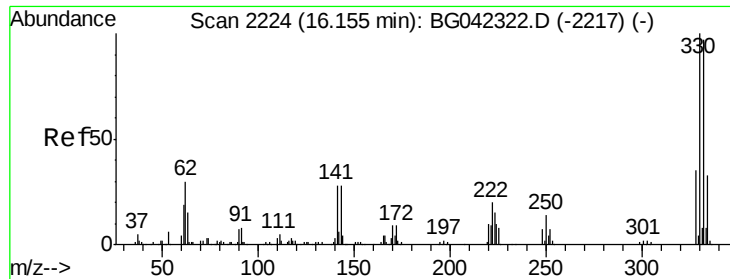
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG042371.D
 Acq: 20 Aug 2019 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	98.9	80.6	120.8	
160	43.6	35.7	53.5	





#42

2,4,6-Tribromophenol

Concen: 105.920 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BG042371.D

Acq: 20 Aug 2019 23:47

Instrument :

BNA_G

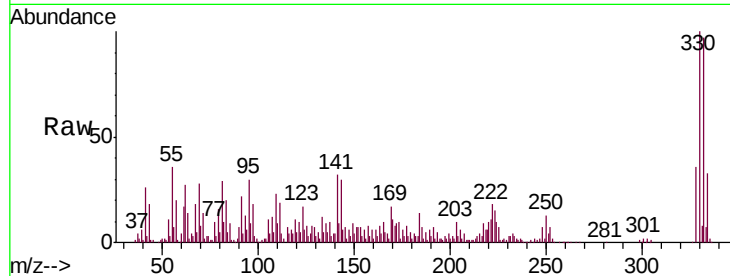
ClientSampleId :

T8-C-(0-2)

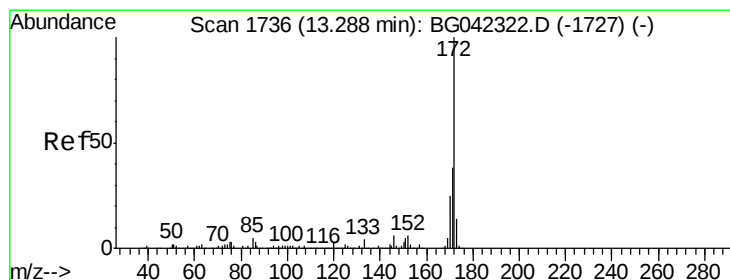
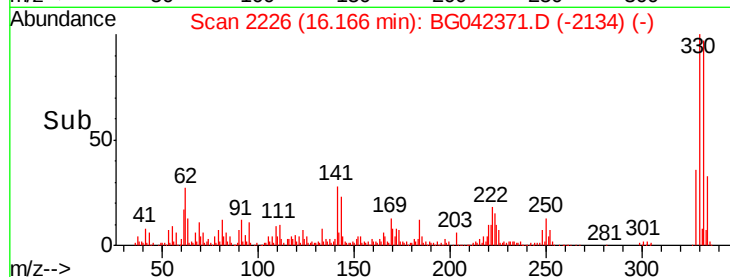
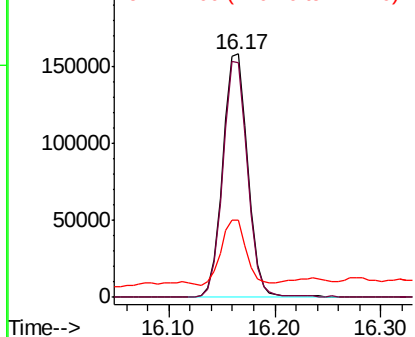
Tot Ion:	330	Resp:	259700
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.9	115.3
141	27.1	21.8	32.6

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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: 79.895 ng

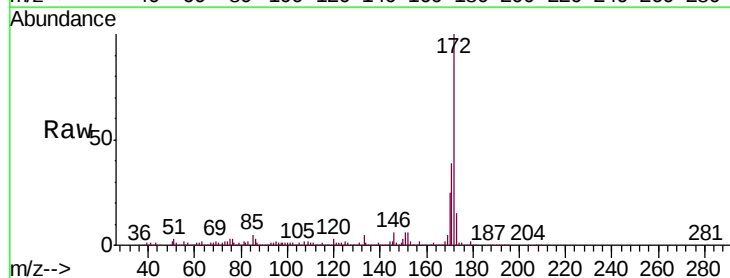
RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

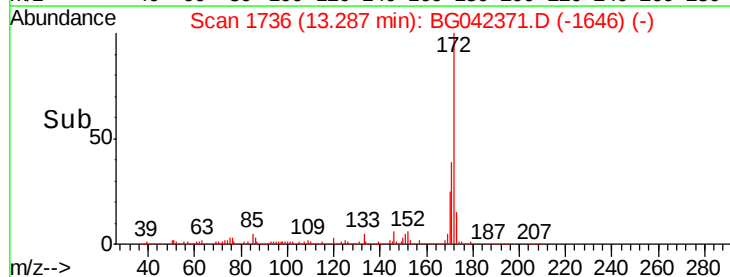
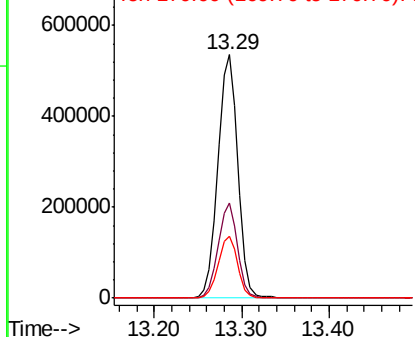
Lab File: BG042371.D

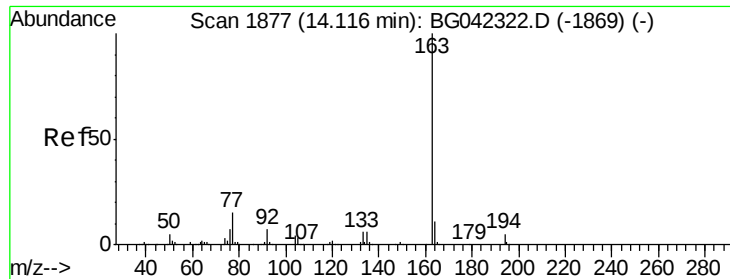
Acq: 20 Aug 2019 23:47

Tgt Ion:	172	Resp:	849970
Ion Ratio	Lower	Upper	
172	100		
171	39.3	30.3	45.5
170	25.4	20.0	30.0



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





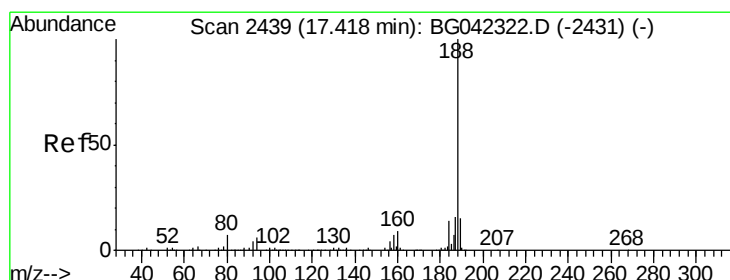
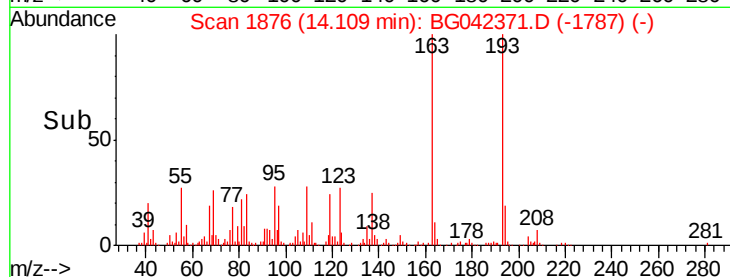
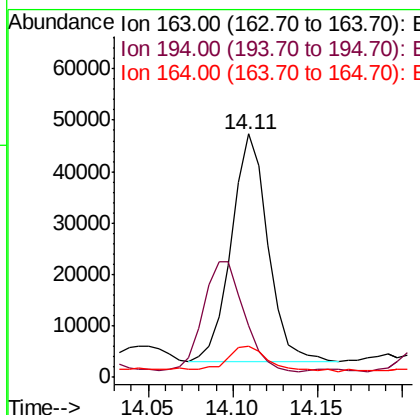
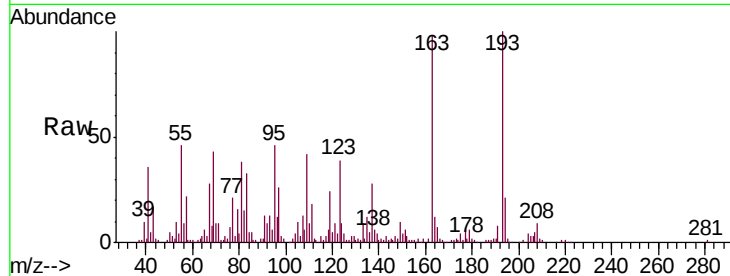
#50
Dimethylphthalate
Concen: 5.242 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042371.D
Acq: 20 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
T8-C-(0-2)

Tot Ion	Ratio	Lower	Upper
163	100		
194	21.3	4.2	6.2#
164	12.7	8.8	13.2

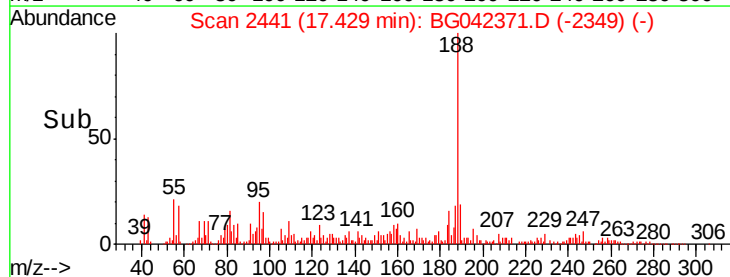
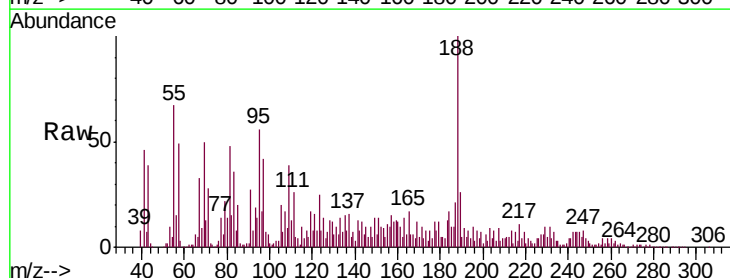
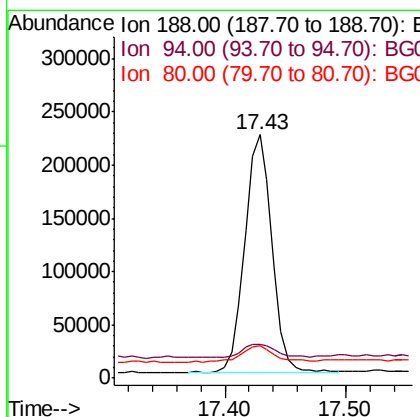
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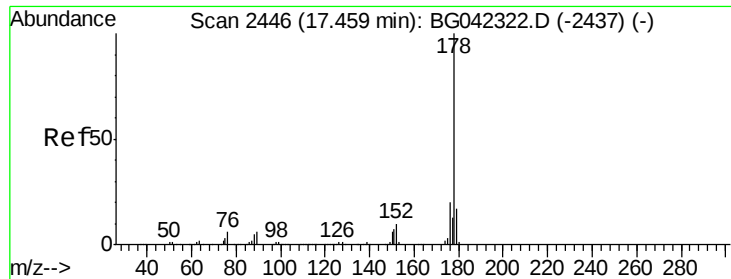
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. 0.01 min
Lab File: BG042371.D
Acq: 20 Aug 2019 23:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.0	4.9	7.3#
80	13.5	5.4	8.0#





#71

Phenanthrene

Concen: 6.196 ng

RT: 17.47 min Scan# 2448

Delta R.T. 0.01 min

Lab File: BG042371.D

Acq: 20 Aug 2019 23:47

Instrument :

BNA_G

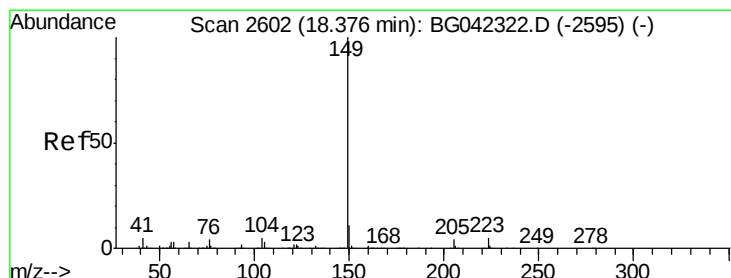
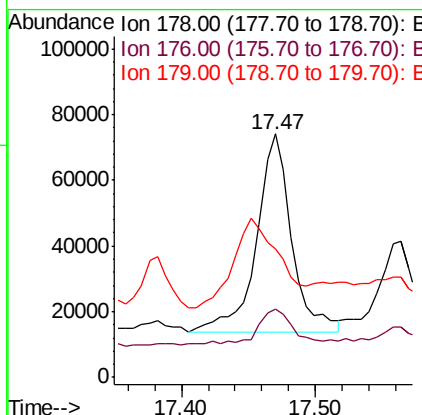
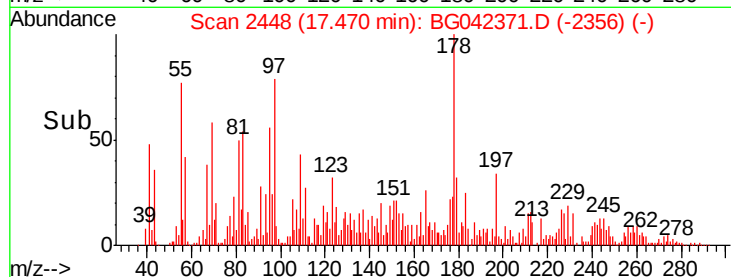
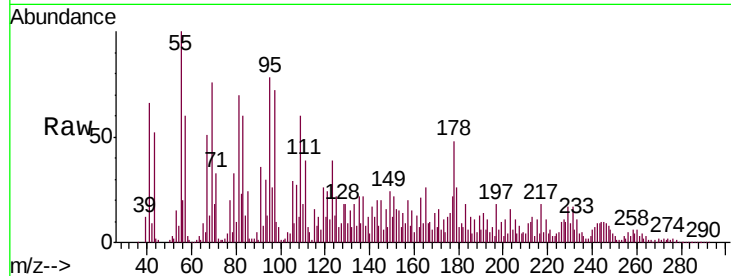
ClientSampleId :

T8-C-(0-2)

Tot Ion:	178	Resp:	109159
Ion Ratio	Lower	Upper	
178	100		
176	28.0	16.2	24.4#
179	52.7	13.7	20.5#

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#74

Di-n-butylphthalate

Concen: 3.623 ng

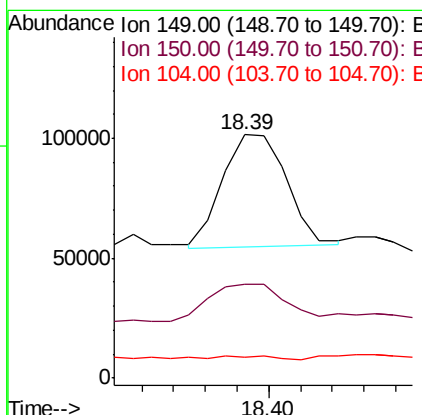
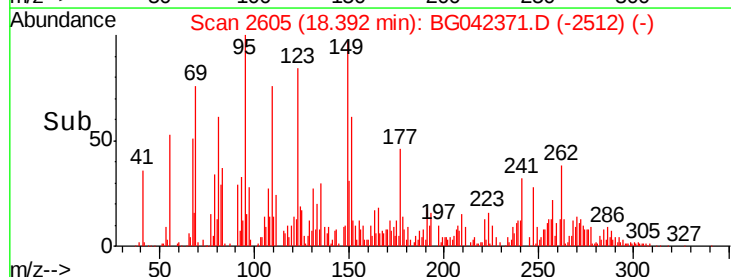
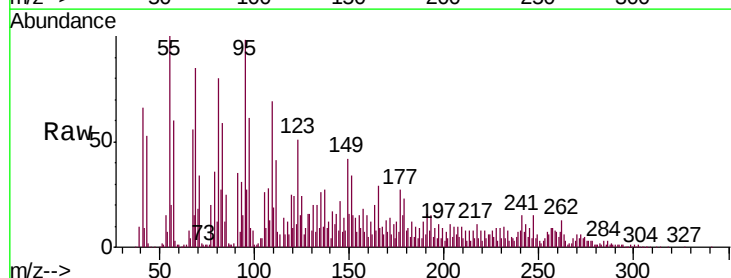
RT: 18.39 min Scan# 2605

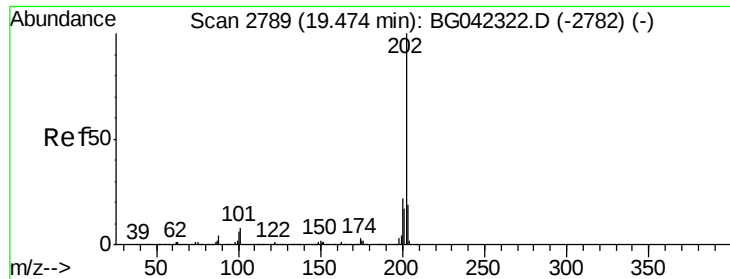
Delta R.T. 0.02 min

Lab File: BG042371.D

Acq: 20 Aug 2019 23:47

Tgt Ion:	149	Resp:	65963
Ion Ratio	Lower	Upper	
149	100		
150	38.7	8.4	12.6#
104	8.8	3.7	5.5#





#75

Fluoranthene

Concen: 10.147 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.02 min

Lab File: BG042371.D

Acq: 20 Aug 2019 23:47

Instrument :

BNA_G

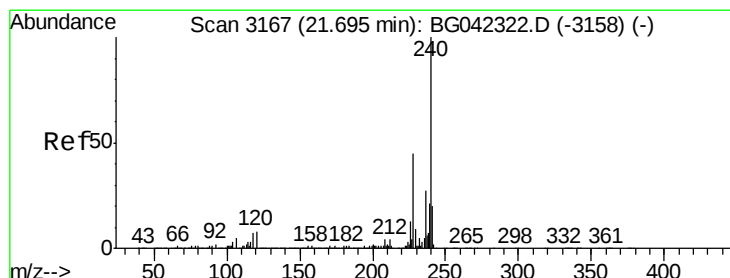
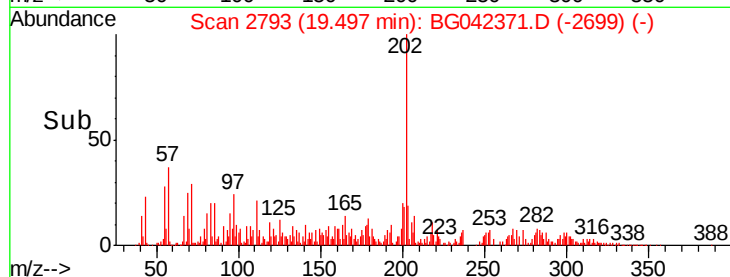
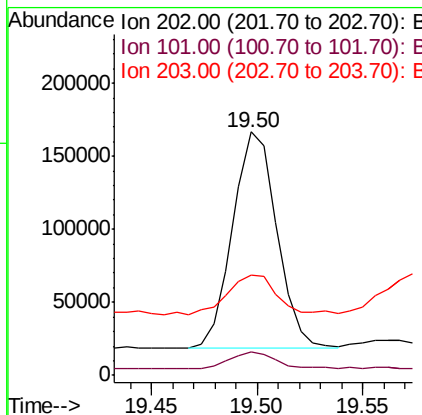
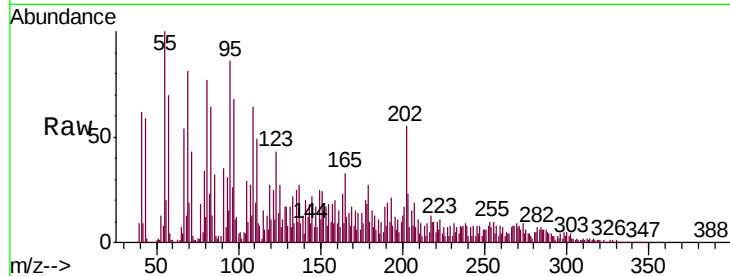
ClientSampleId :

T8-C-(0-2)

Tot Ion:	202	Resp:	215566
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	28.0
203	41.2	0.0	39.1#

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#76

Chrysene-d12

Concen: 20.000 ng

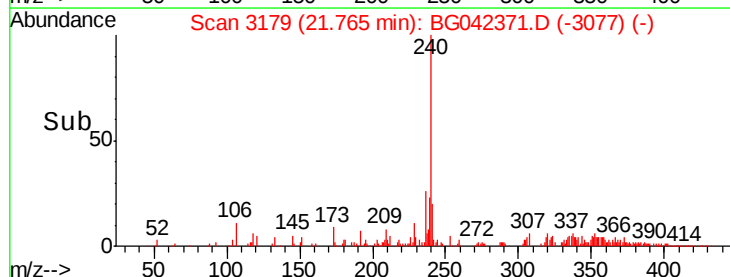
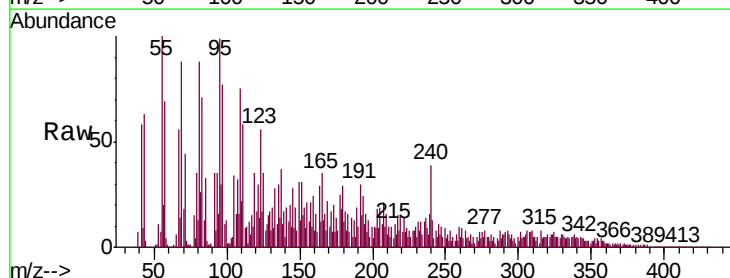
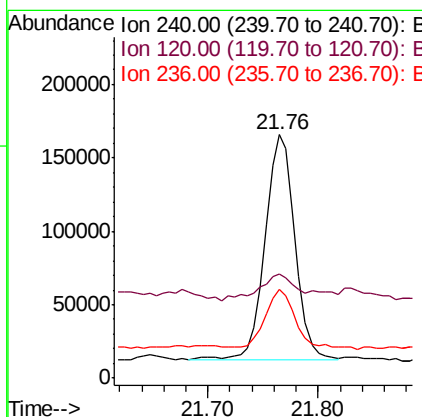
RT: 21.76 min Scan# 3179

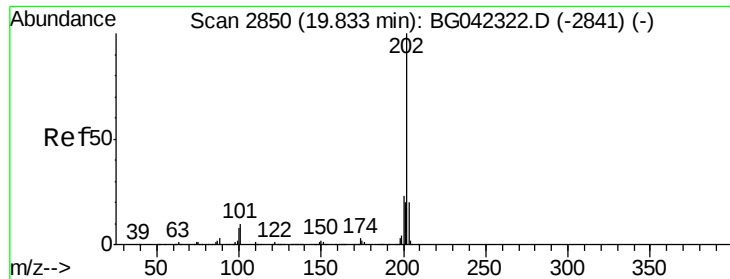
Delta R.T. 0.07 min

Lab File: BG042371.D

Acq: 20 Aug 2019 23:47

Tgt Ion:	240	Resp:	286305
Ion Ratio	Lower	Upper	
240	100		
120	43.0	6.0	9.0#
236	36.4	21.6	32.4#





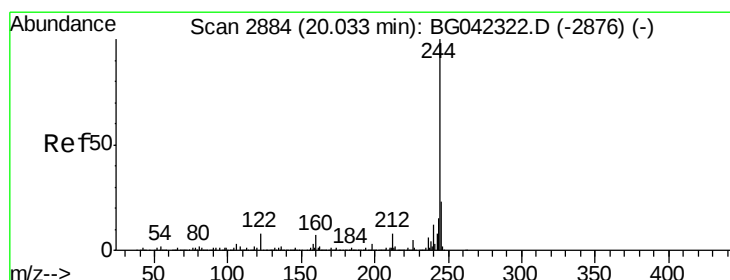
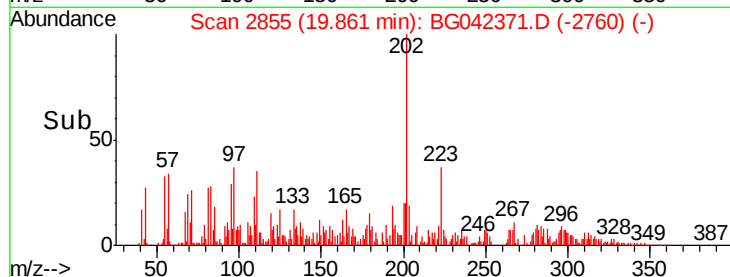
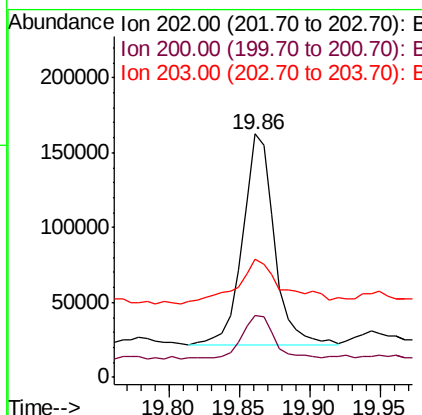
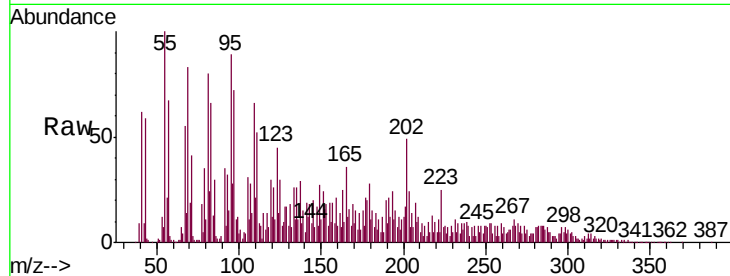
#78
Pvrene
Concen: 12.555 ng
RT: 19.86 min Scan# 2855
Delta R.T. 0.03 min
Lab File: BG042371.D
Acq: 20 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
T8-C-(0-2)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	25.1	18.1	27.1
203	48.5	15.8	23.8

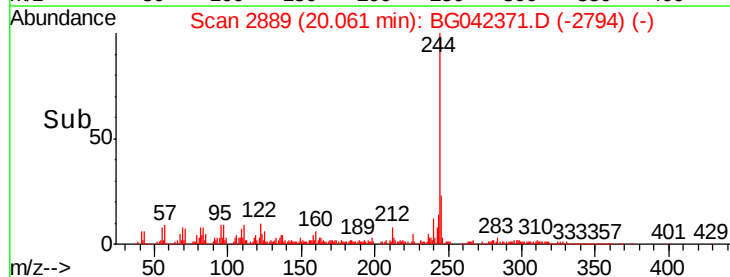
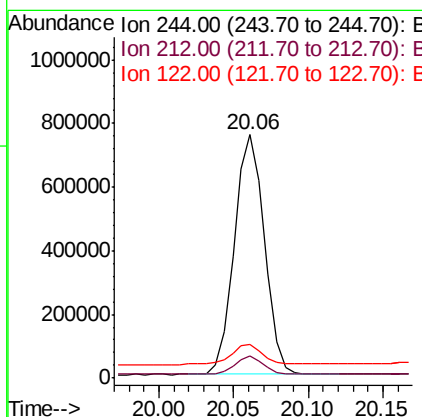
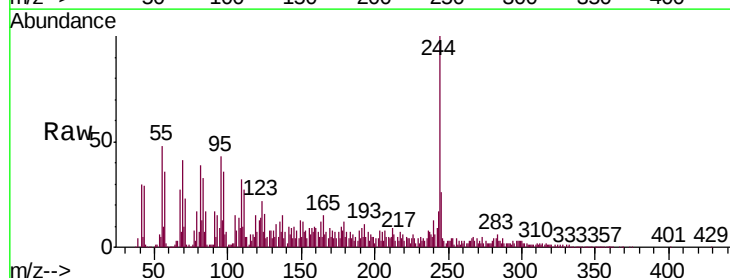
Manual Integrations
APPROVED

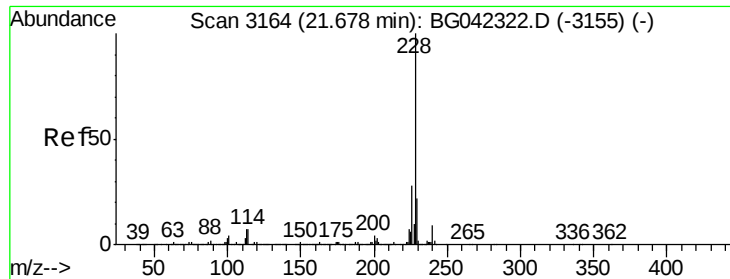
mohammad
8/22/2019 12:49:25 PM



#79
Terphenyl-d14
Concen: 81.112 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.03 min
Lab File: BG042371.D
Acq: 20 Aug 2019 23:47

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.9	6.4	9.6
122	14.1	6.6	10.0





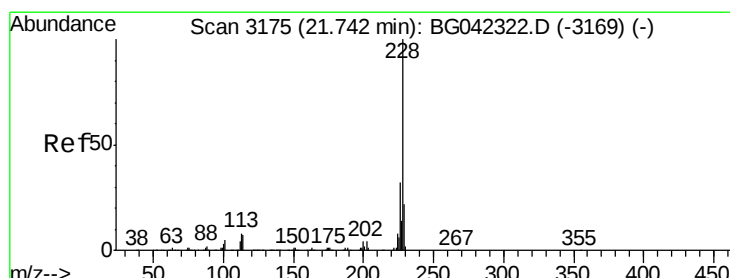
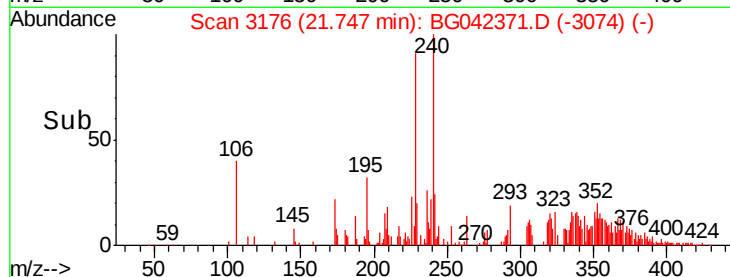
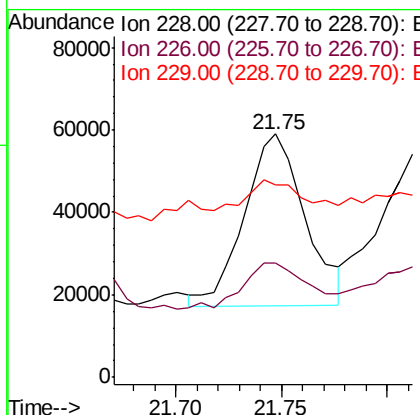
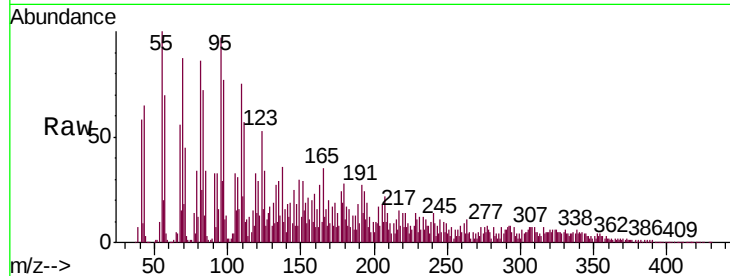
#81
Benzo(a)anthracene
Concen: 4.735 ng
RT: 21.75 min Scan# 3176
Delta R.T. 0.07 min
Lab File: BG042371.D
Acq: 20 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
T8-C-(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	46.8	22.7	34.1#
229	78.8	17.4	26.2#

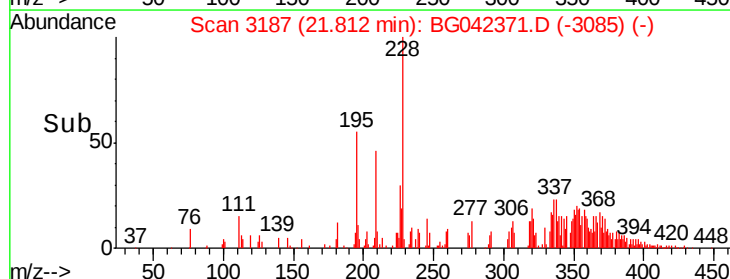
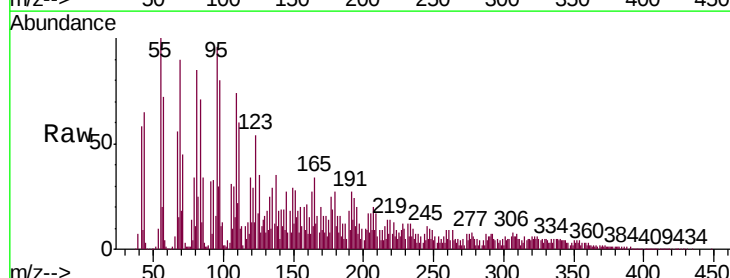
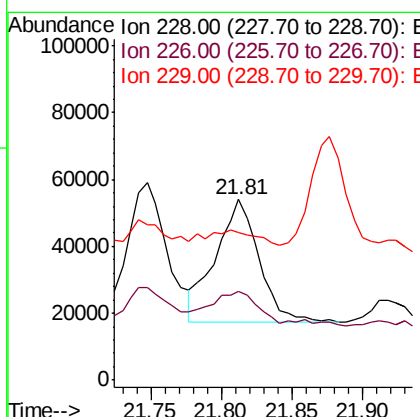
Manual Integrations
APPROVED

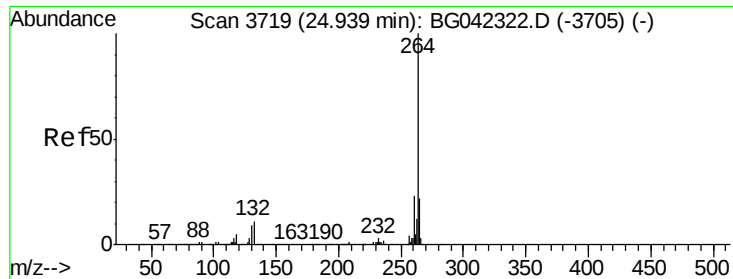
mohammad
8/22/2019 12:49:25 PM



#83
Chrysene
Concen: 4.676 ng
RT: 21.81 min Scan# 3187
Delta R.T. 0.07 min
Lab File: BG042371.D
Acq: 20 Aug 2019 23:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	49.4	25.6	38.4#
229	81.6	17.8	26.6#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.21 min Scan# 3766
Delta R.T. 0.28 min
Lab File: BG042371.D
Acq: 20 Aug 2019 23:47

Instrument :
BNA_G
ClientSampleId :
T8-C-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	54.2	18.4	27.6#
265	42.2	17.4	26.0#

Manual Integrations
APPROVED

mohammad
8/22/2019 12:49:25 PM

