

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091820\
 Data File : BG046671.D
 Acq On : 18 Sep 2020 16:05
 Operator : CG/JU
 Sample : L4074-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 KTS-IB-0102-0-6

Manual Integrations
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mohammad
 9/21/2020 10:33:42 AM

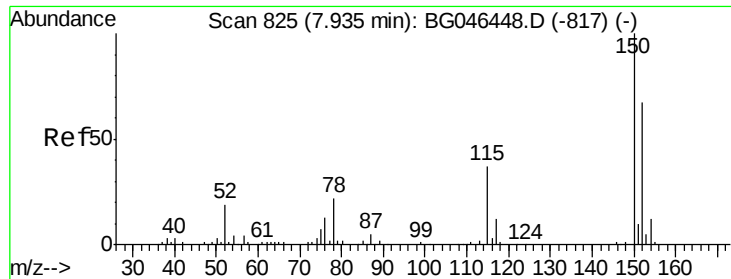
Quant Time: Sep 18 17:01:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 14:27:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	74023	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	286163	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	176984	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	384482	20.00	ng	0.00
76) Chrysene-d12	21.54	240	399105	20.00	ng	0.00
86) Perylene-d12	24.65	264	386059	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	392599	93.94	ng	0.01
7) Phenol-d6	7.10	99	510540	86.17	ng	0.00
23) Nitrobenzene-d5	9.08	82	319484	63.81	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	186416	77.74	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	677341	58.42	ng	0.00
79) Terphenyl-d14	19.91	244	823376	43.91	ng	0.00

Target Compounds				Qvalue		
31) Naphthalene	10.77	128	30697	2.197	ng	94
37) 2-Methylnaphthalene	12.38	142	23255	2.110	ng	99
50) Dimethylphthalate	14.00	163	81016	5.917	ng	# 98
71) Phenanthrene	17.34	178	118559	6.084	ng	98
75) Fluoranthene	19.35	202	188344	7.510	ng	98
78) Pyrene	19.71	202	179511	7.063	ng	98
81) Benzo(a)anthracene	21.53	228	92278	3.710	ng	96
83) Chrysene	21.59	228	111711	4.668	ng	97
88) Benzo(b)fluoranthene	23.66	252	127591	5.293	ng	# 93
89) Benzo(k)fluoranthene	23.72	252	47366m	2.033	ng	
90) Benzo(a)pyrene	24.50	252	72109	3.205	ng	# 82
92) Benzo(a,h,i)perylene	29.25	276	49242	2.204	ng	# 93

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



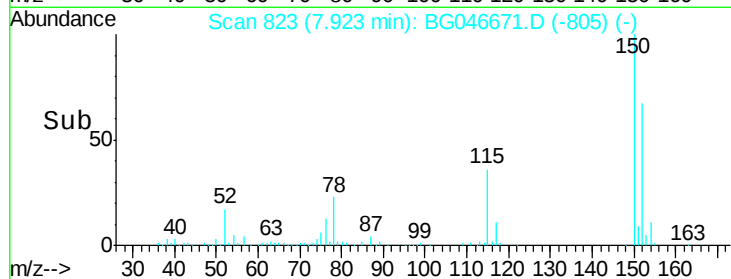
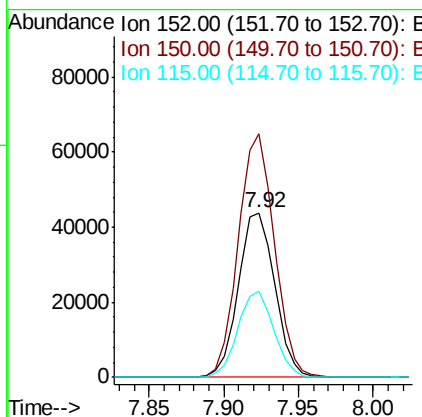
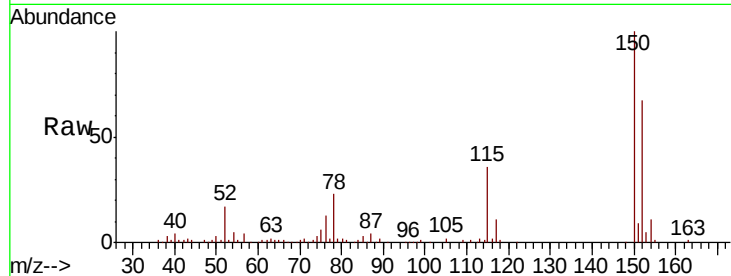
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.92 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BG046671.D
 Acq: 18 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 KTS-IB-0102-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	125.0	187.6
115	52.8	41.8	62.6

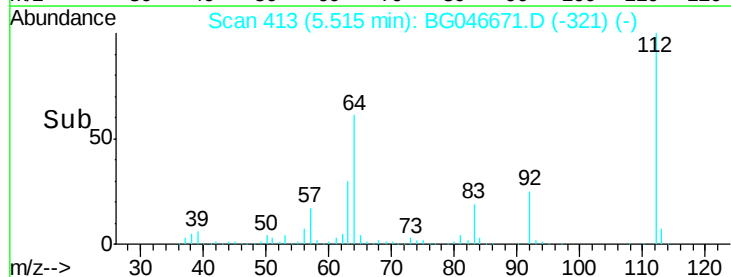
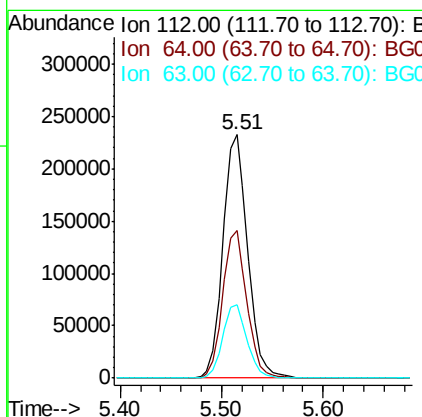
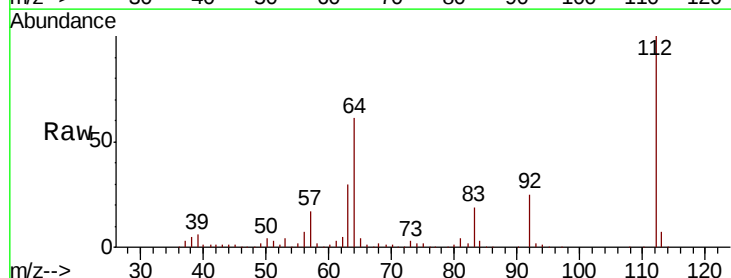
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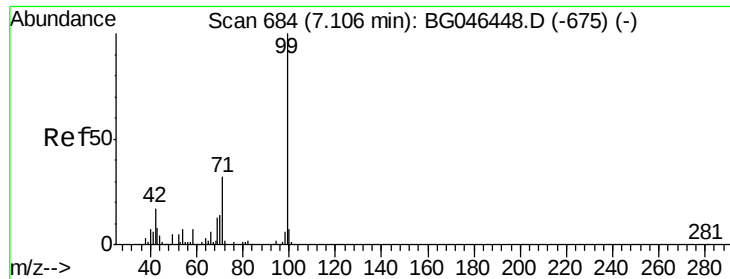
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#5
 2-Fluorophenol
 Concen: 93.939 ng
 RT: 5.51 min Scan# 413
 Delta R.T. 0.01 min
 Lab File: BG046671.D
 Acq: 18 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	46.7	70.1
63	29.9	22.8	34.2





#7

Phenol-d6

Concen: 86.173 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG046671.D

Acq: 18 Sep 2020 16:05

Instrument :

BNA_G

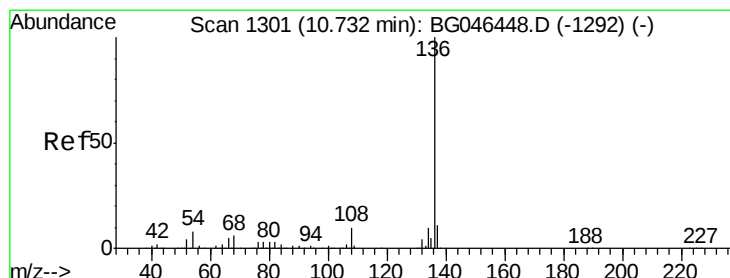
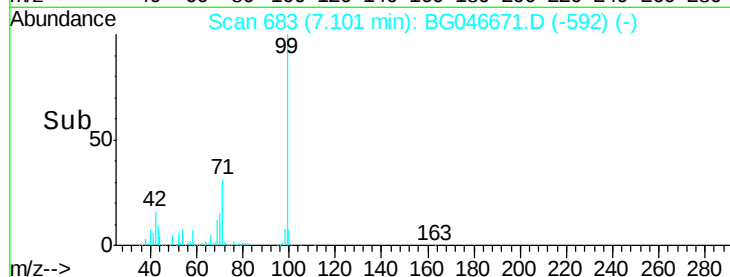
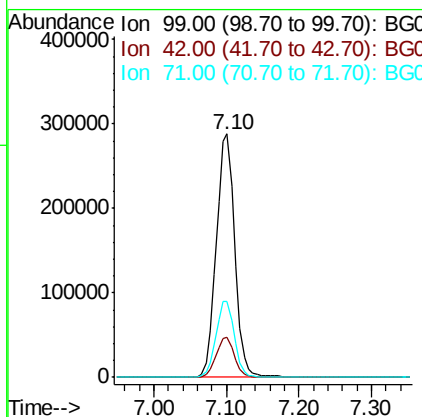
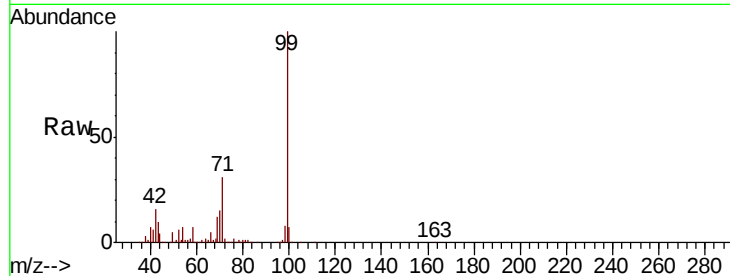
ClientSampleId :

KTS-IB-0102-0-6

Tot Ion:	99	Resp:	510540
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.8	19.2
71	31.2	24.6	36.8

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#21

Naphthalene-d8

Concen: 20.000 ng

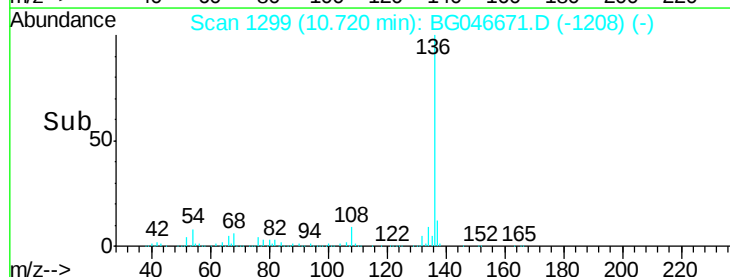
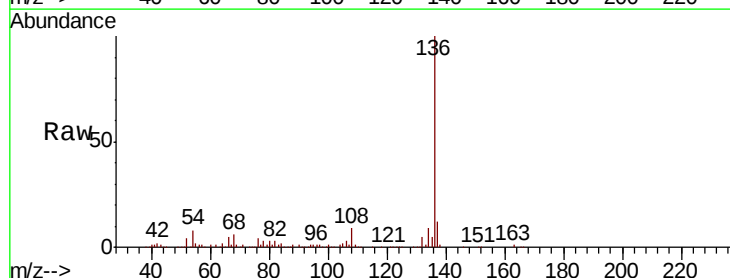
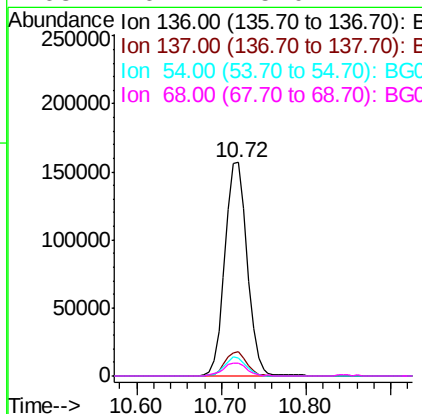
RT: 10.72 min Scan# 1299

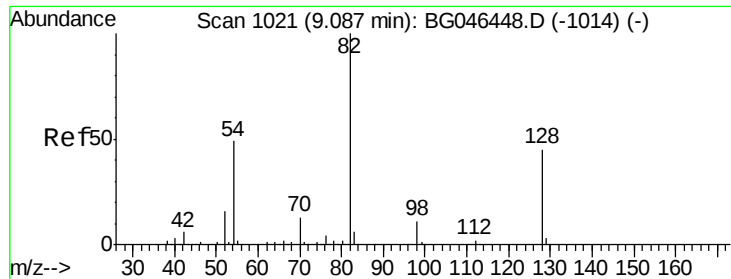
Delta R.T. 0.00 min

Lab File: BG046671.D

Acq: 18 Sep 2020 16:05

Tgt Ion:	136	Resp:	286163
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.2	6.2	9.4
68	6.2	5.0	7.4





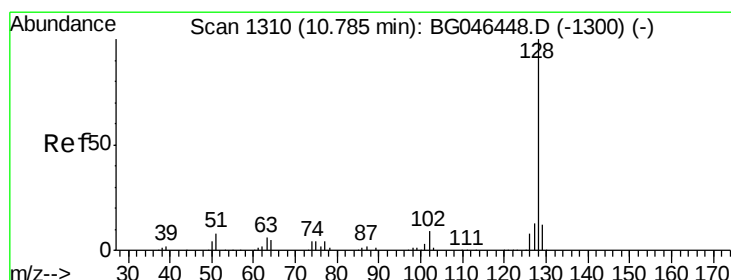
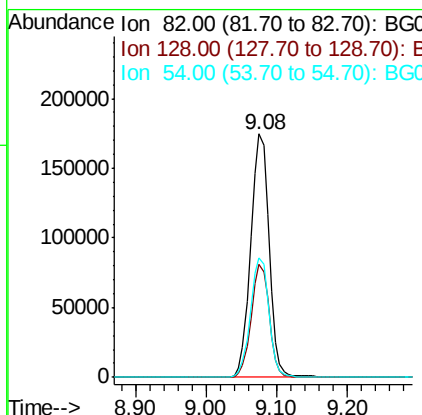
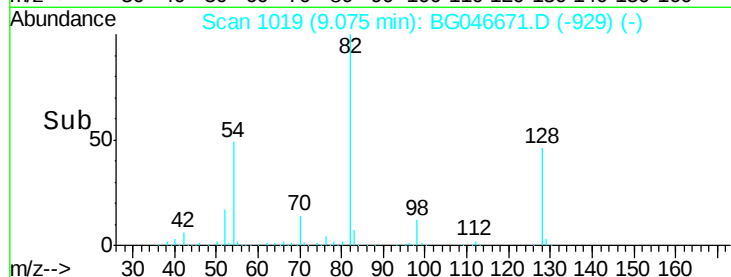
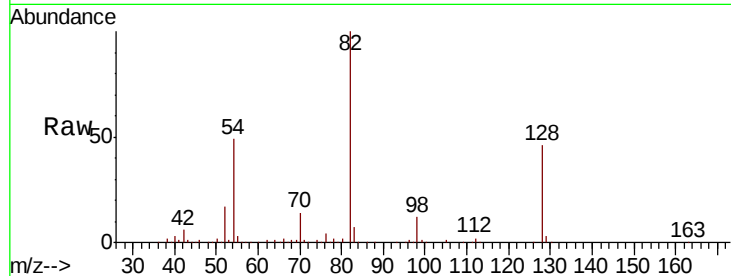
#23
Nitrobenzene-d5
Concen: 63.810 ng
RT: 9.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
KTS-IB-0102-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	49.1	39.0	58.4

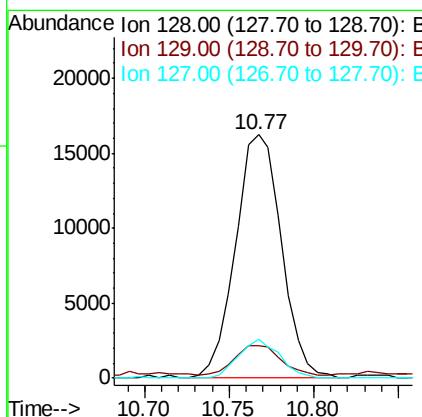
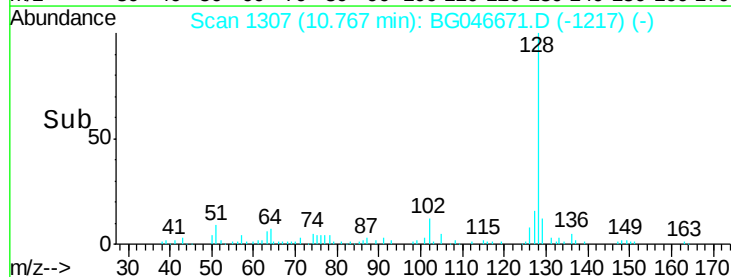
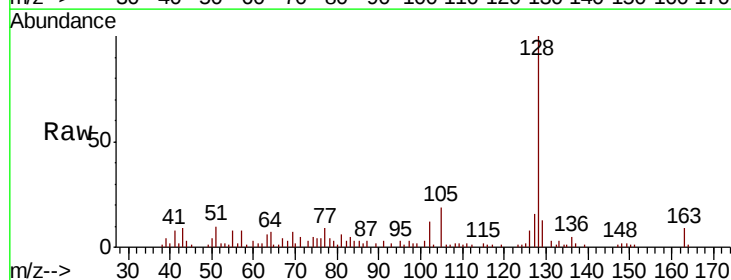
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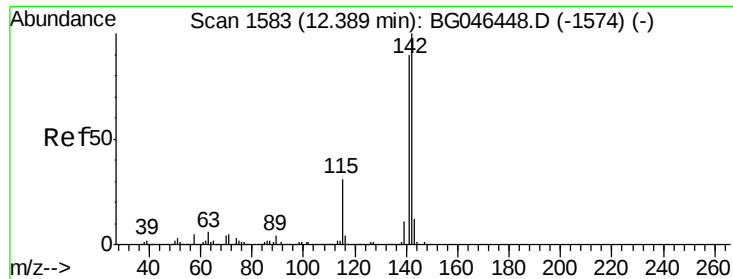
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#31
Naphthalene
Concen: 2.197 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.0	13.6
127	16.0	11.0	16.4





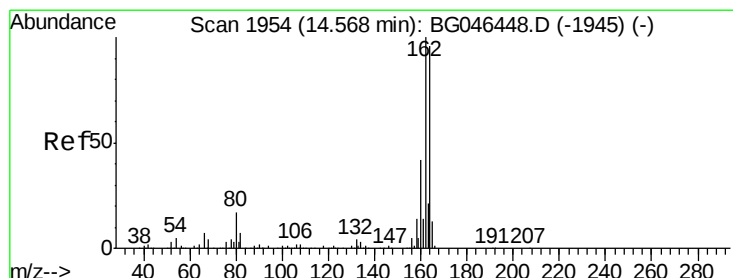
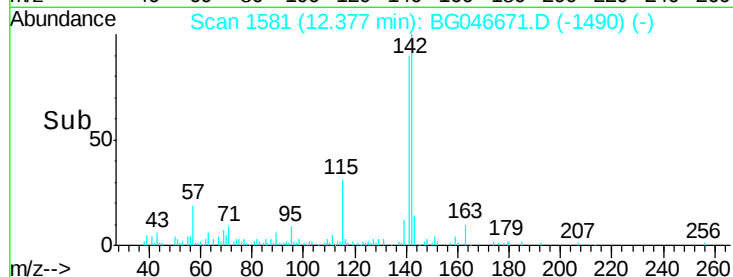
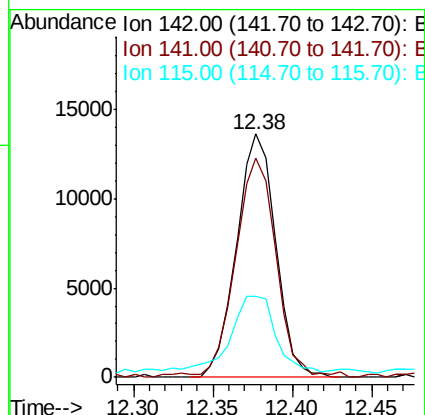
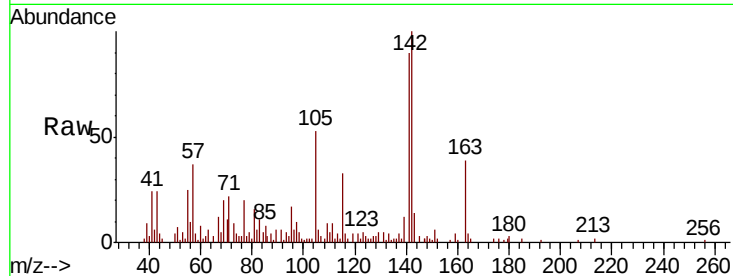
#37
2-Methylnaphthalene
Concen: 2.110 ng
RT: 12.38 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
KTS-IB-0102-0-6

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.6	107.4
115	33.3	25.4	38.2

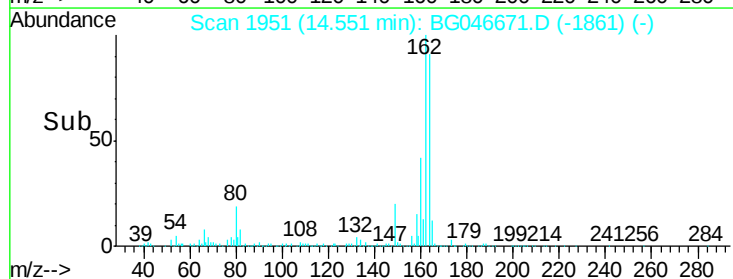
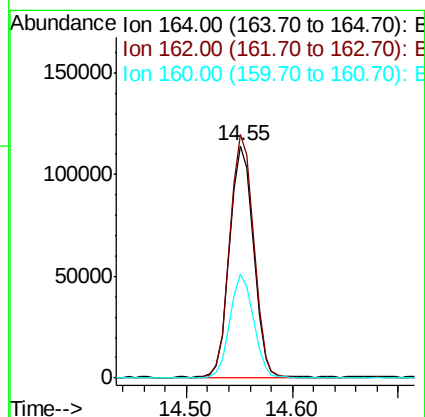
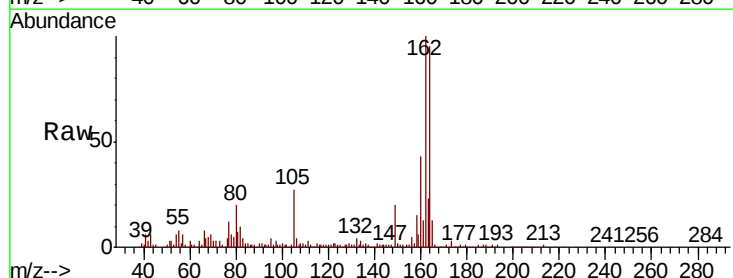
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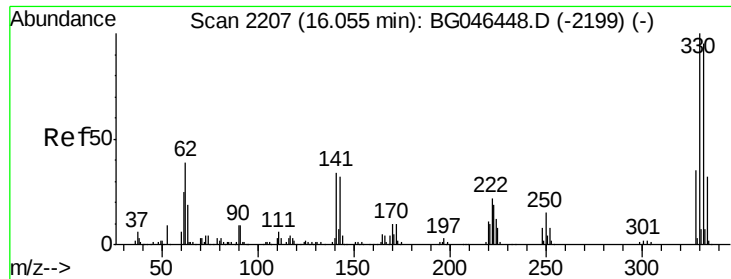
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.3	123.5
160	44.7	35.3	52.9





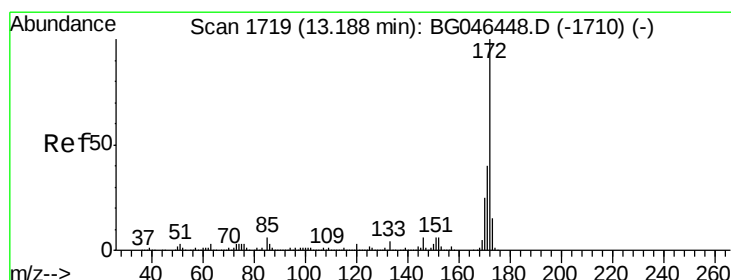
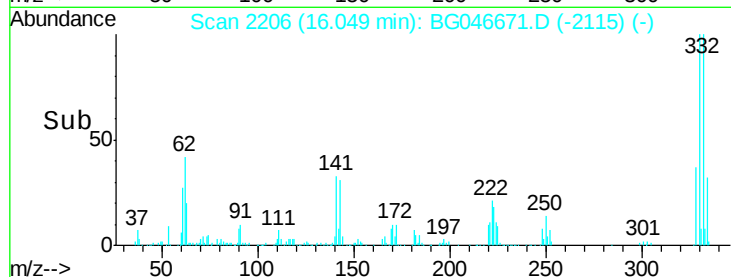
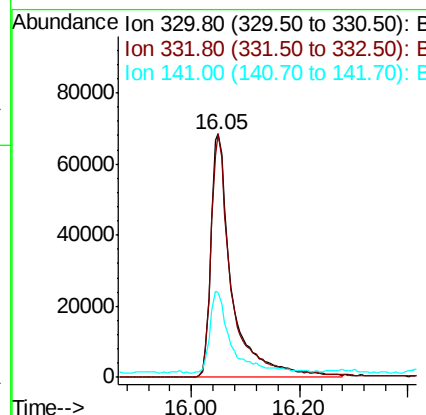
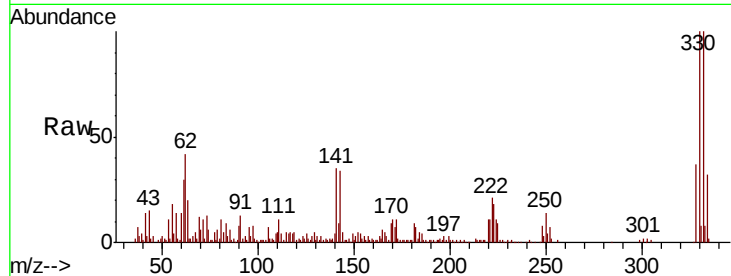
#42
 2,4,6-Tribromophenol
 Concen: 77.738 ng
 RT: 16.05 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BG046671.D
 Acq: 18 Sep 2020 16:05

Instrument :
 BNA_G
 ClientSampleId :
 KTS-IB-0102-0-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	186416		
332	94.9	76.5	114.7	
141	31.5	26.0	39.0	

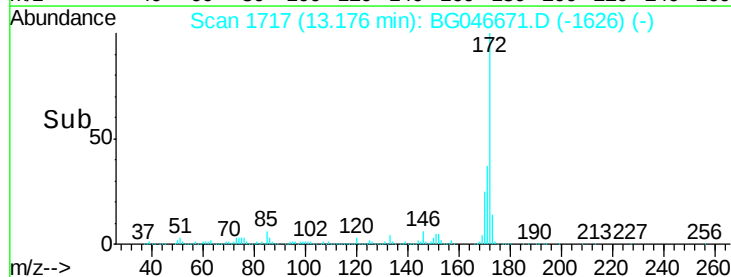
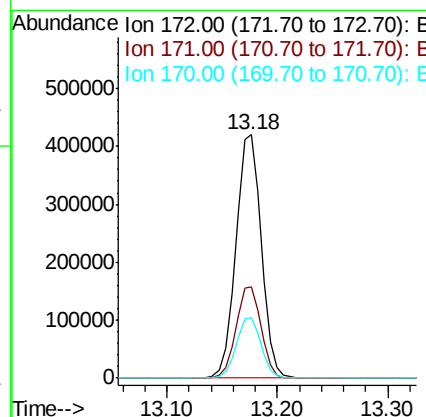
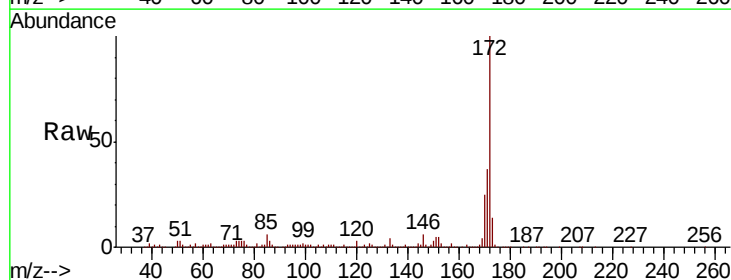
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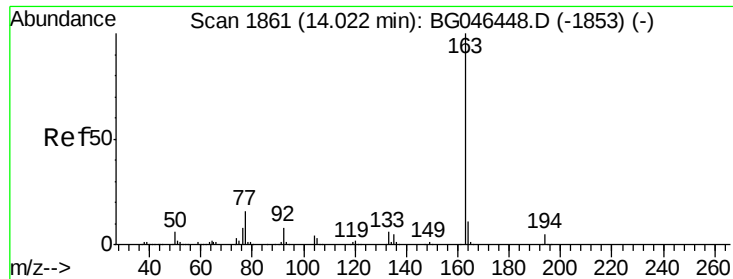
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#45
 2-Fluorobiphenyl
 Concen: 58.424 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG046671.D
 Acq: 18 Sep 2020 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	677341		
171	37.5	31.3	46.9	
170	24.6	20.8	31.2	





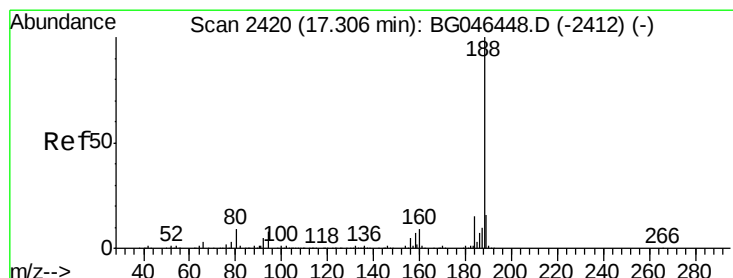
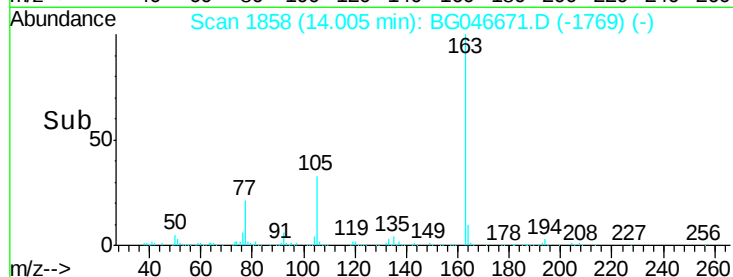
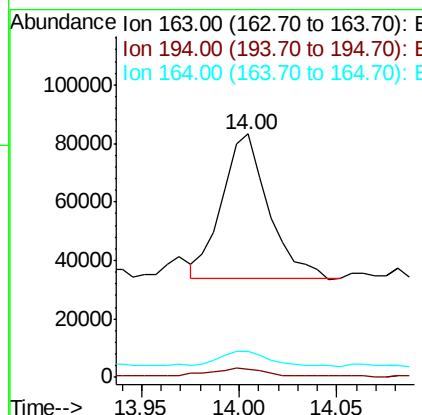
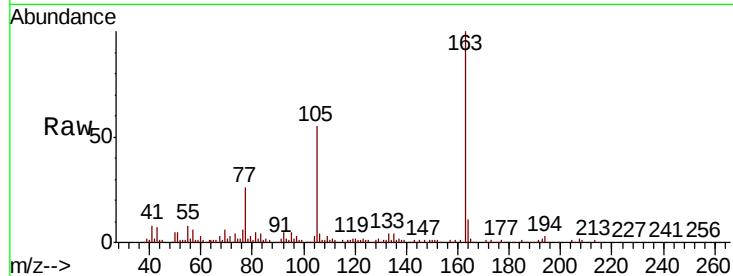
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Dimethylphthalate
Concen: 5.917 ng
RT: 14.00 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
KTS-IB-0102-0-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		81016		
194	3.2	3.8	5.8#		
164	10.6	8.8	13.2		

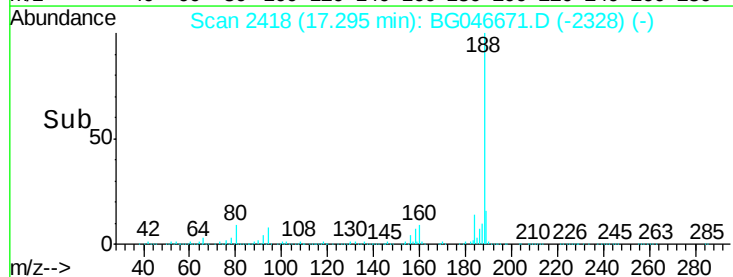
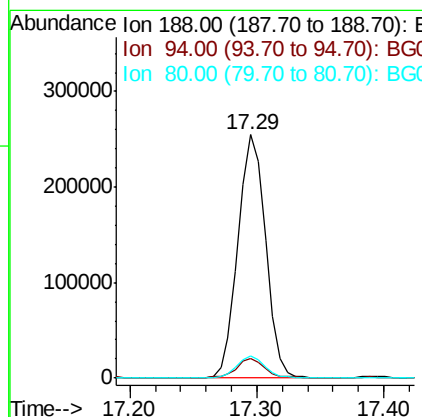
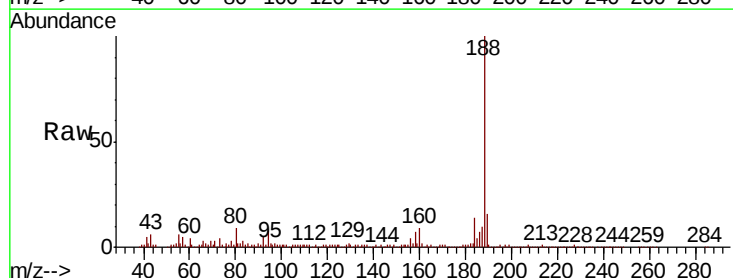
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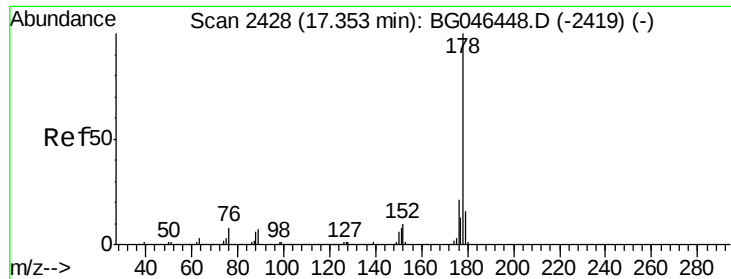
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		384482		
94	8.2	6.3	9.5		
80	8.9	7.0	10.6		





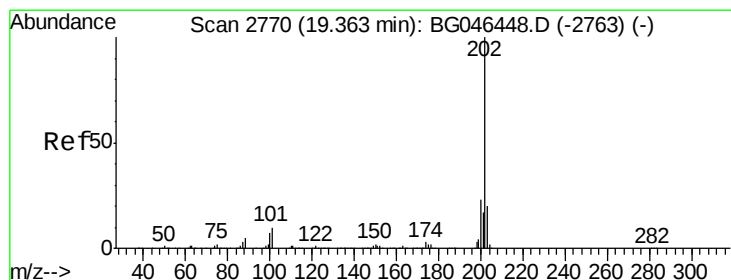
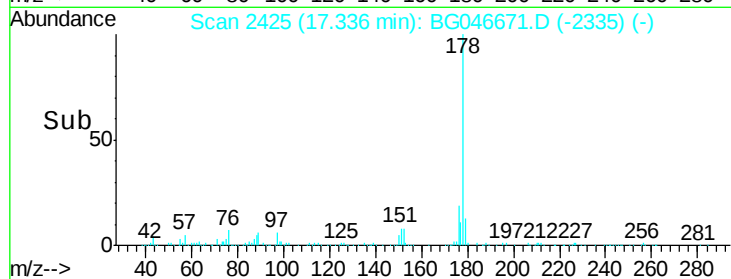
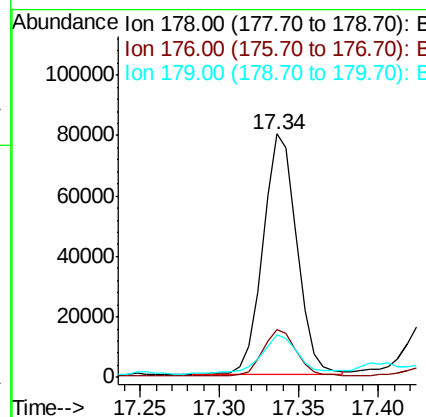
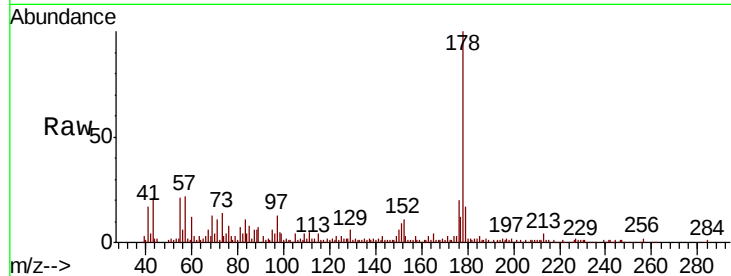
#71
Phenanthrene
Concen: 6.084 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
KTS-IB-0102-0-6

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.7	25.1
179	17.3	14.0	21.0

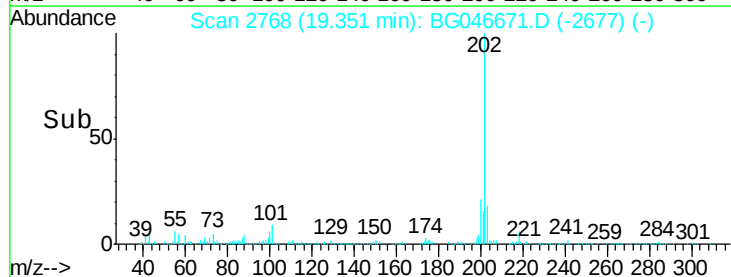
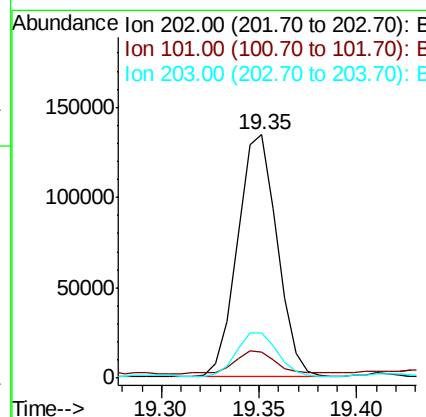
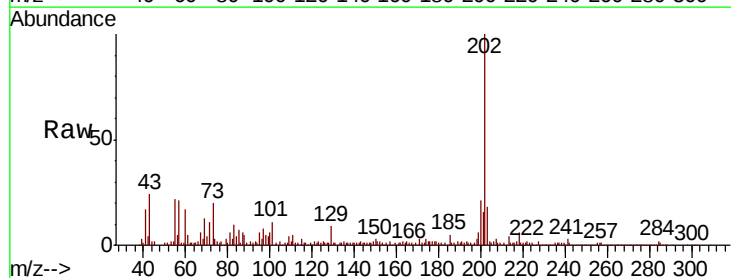
Manual Integrations
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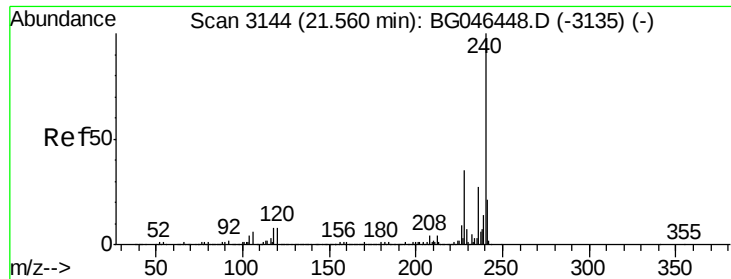
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9/21/2020 10:33:42 AM



#75
Fluoranthene
Concen: 7.510 ng
RT: 19.35 min Scan# 2768
Delta R.T. 0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.7
203	18.3	0.0	39.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG046671.D

Acq: 18 Sep 2020 16:05

Instrument :

BNA_G

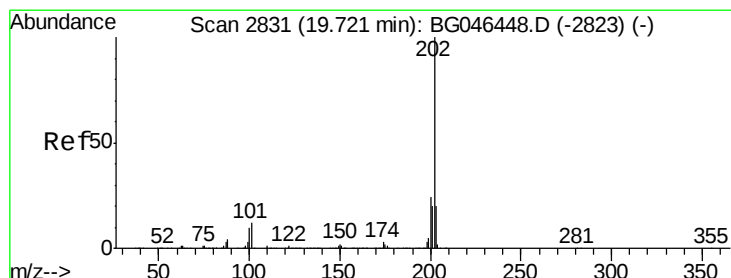
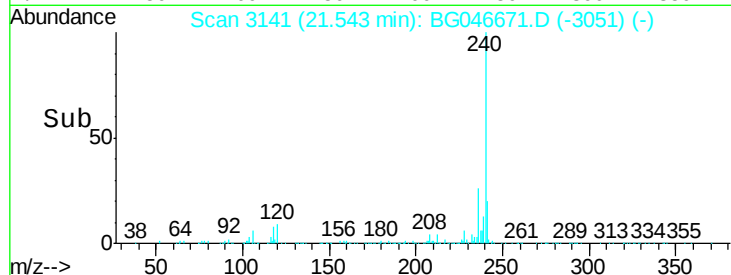
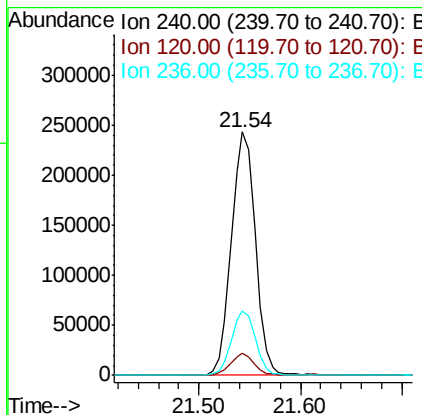
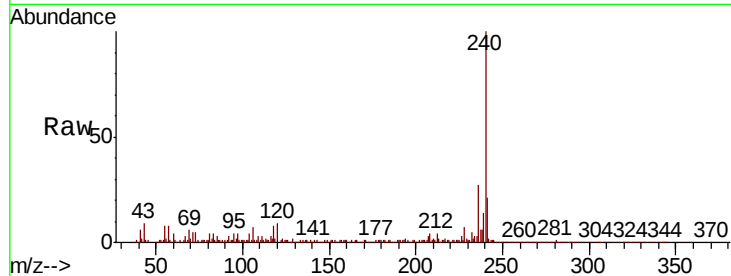
ClientSampleId :

KTS-IB-0102-0-6

Tot Ion:	240	Resp:	399105
Ion Ratio	Lower	Upper	
240	100		
120	8.9	6.2	9.4
236	26.6	20.5	30.7

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#78

Pyrene

Concen: 7.063 ng

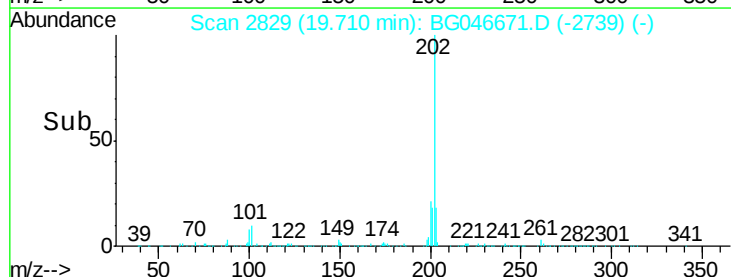
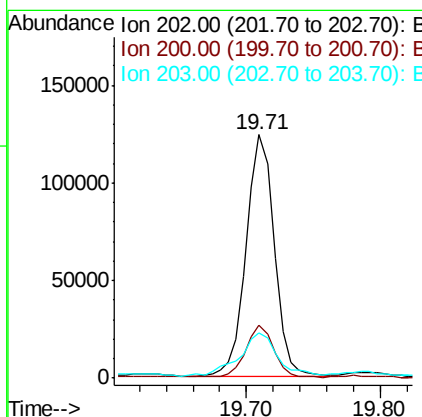
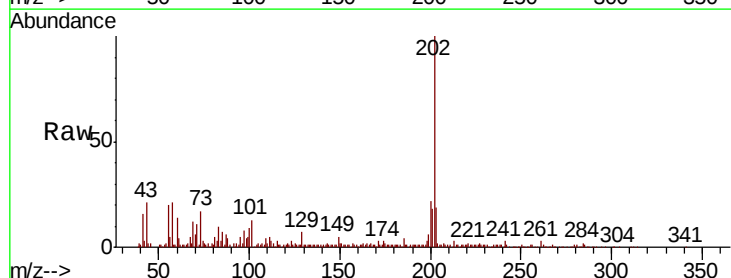
RT: 19.71 min Scan# 2829

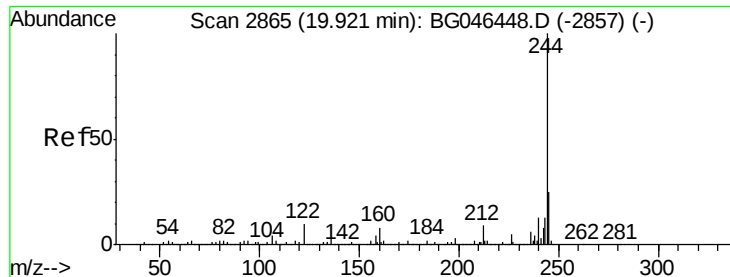
Delta R.T. -0.00 min

Lab File: BG046671.D

Acq: 18 Sep 2020 16:05

Tgt Ion:	202	Resp:	179511
Ion Ratio	Lower	Upper	
202	100		
200	21.8	18.6	27.8
203	18.7	15.3	22.9





#79

Terphenyl-d14

Concen: 43.906 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG046671.D

Acq: 18 Sep 2020 16:05

Instrument :

BNA_G

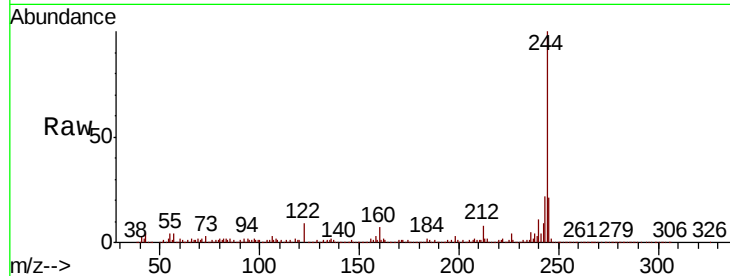
ClientSampleId :

KTS-IB-0102-0-6

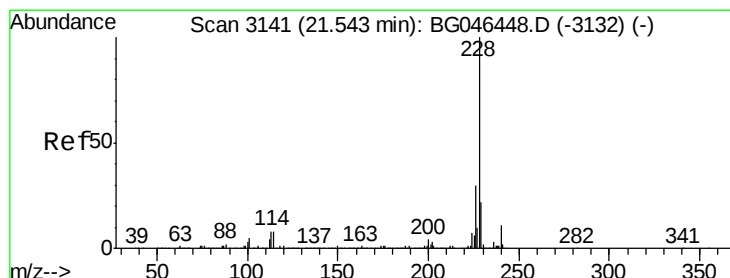
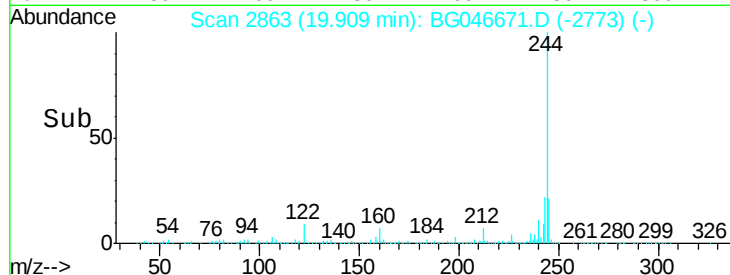
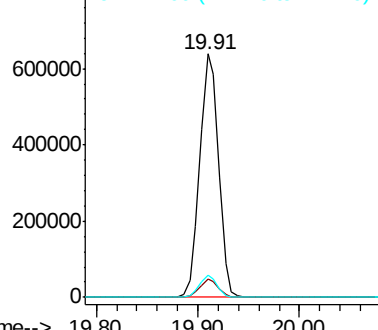
Tot Ion:	244	Resp:	823376
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.7	10.1
122	9.0	7.8	11.6

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 3.710 ng

RT: 21.53 min Scan# 3138

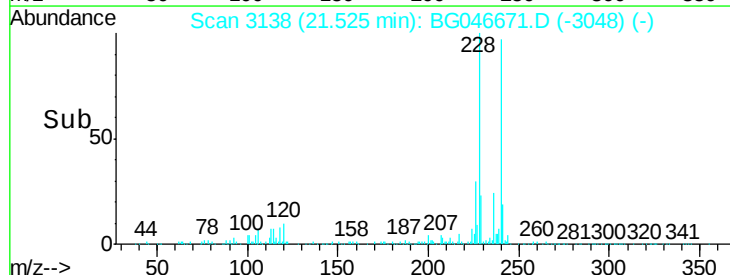
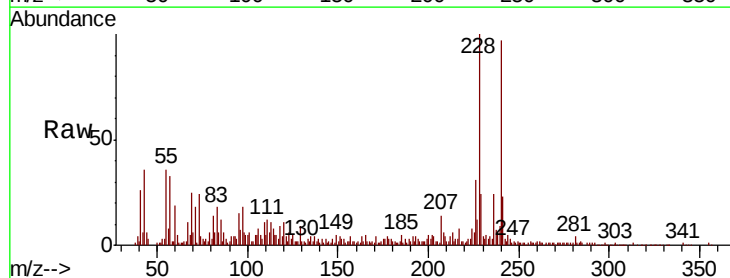
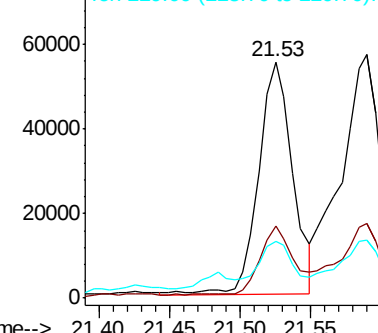
Delta R.T. -0.00 min

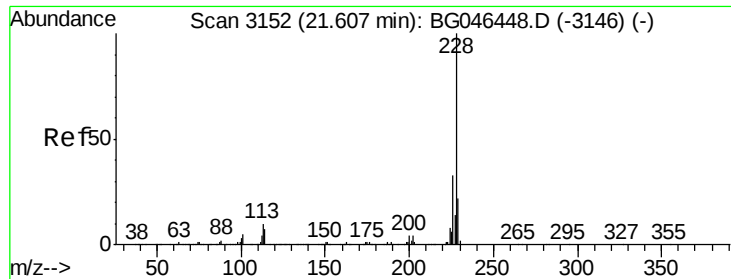
Lab File: BG046671.D

Acq: 18 Sep 2020 16:05

Tgt Ion:	228	Resp:	92278
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.3	34.9
229	24.1	17.4	26.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





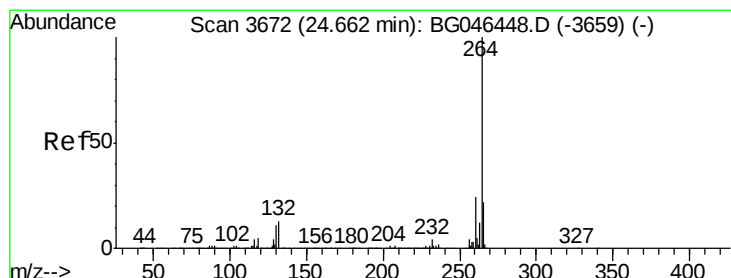
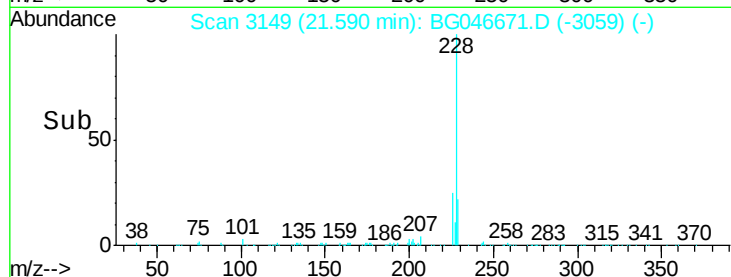
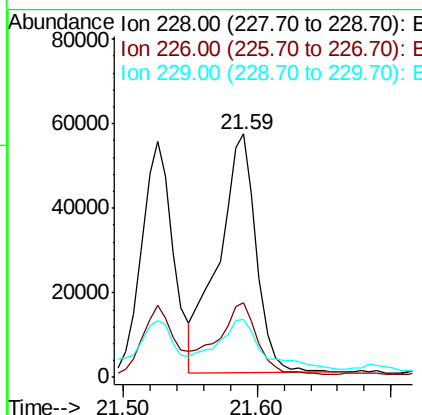
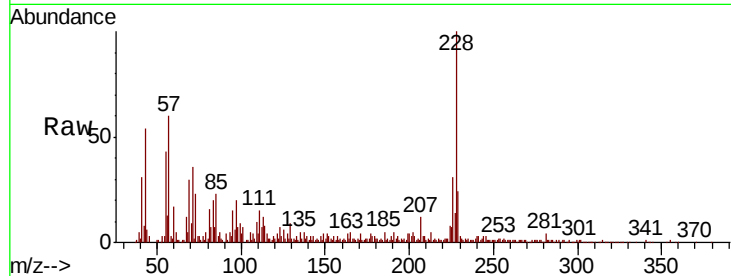
#83
Chrysene
Concen: 4.668 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
KTS-IB-0102-0-6

Tot Ion:	228	Resp:	111711
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.4
229	23.8	17.3	25.9

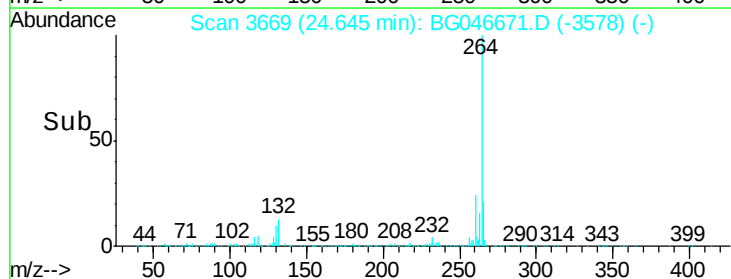
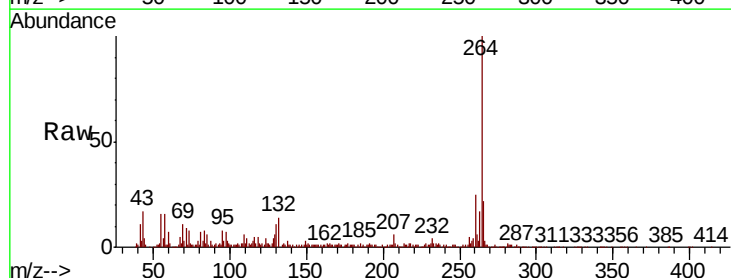
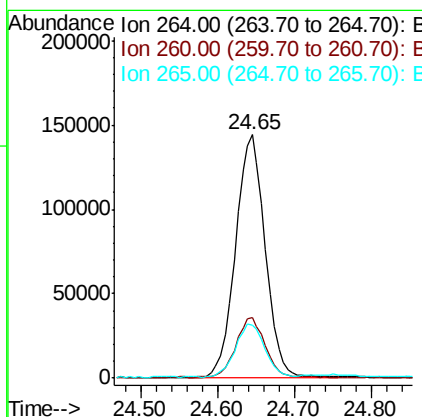
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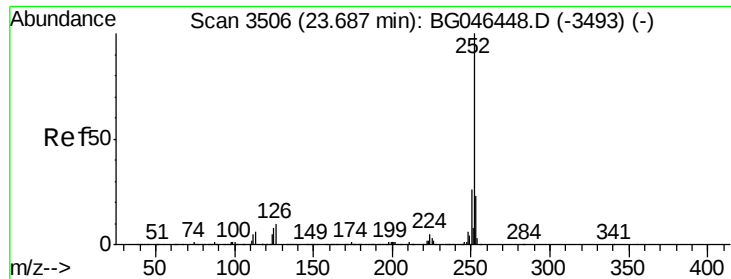
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. 0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Tgt Ion:	264	Resp:	386059
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.8	28.2
265	21.8	17.8	26.8





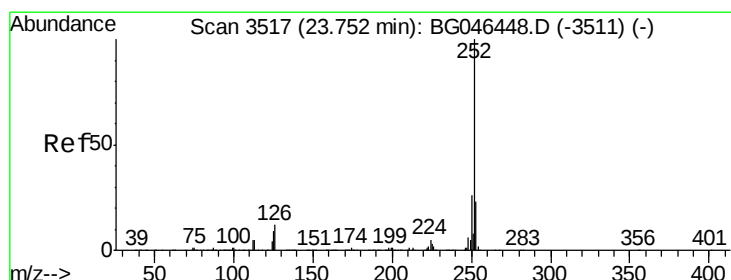
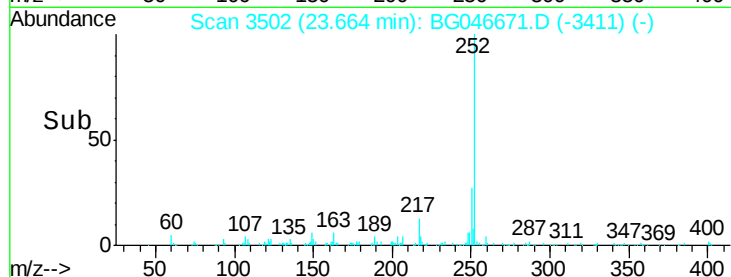
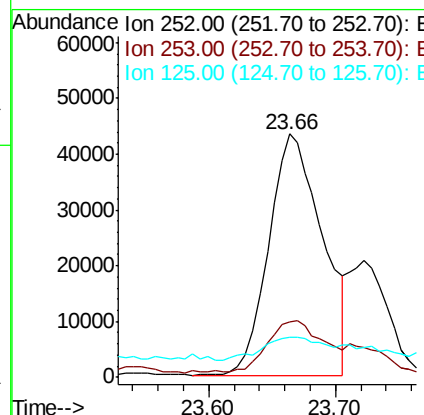
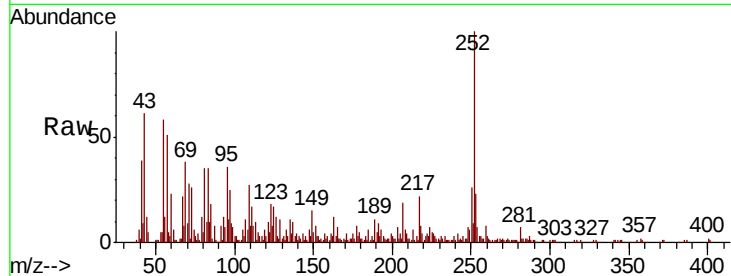
#88
Benzo(b)fluoranthene
Concen: 5.293 ng
RT: 23.66 min Scan# 3502
Delta R.T. 0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
KTS-IB-0102-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.7	28.1
125	16.6	6.5	9.7

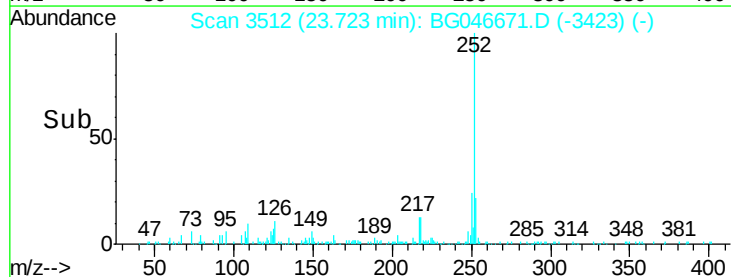
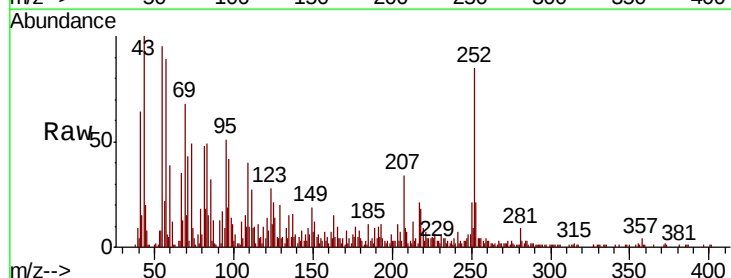
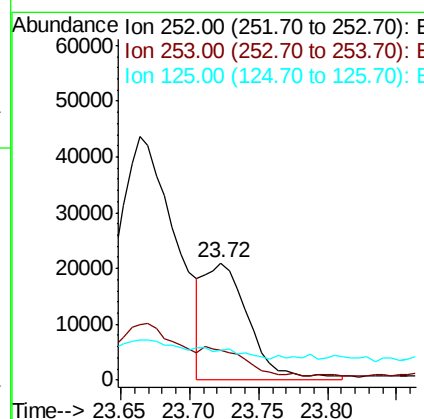
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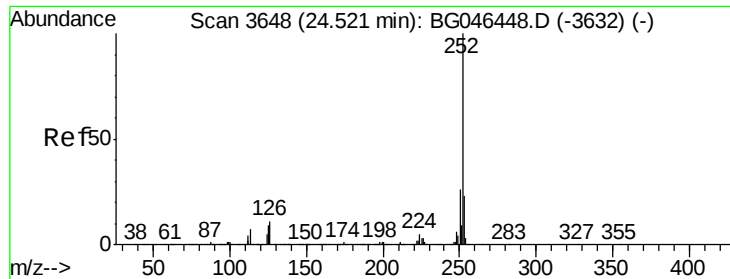
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#89
Benzo(k)fluoranthene
Concen: 2.033 ng m
RT: 23.72 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.6	27.8
125	25.1	6.8	10.2





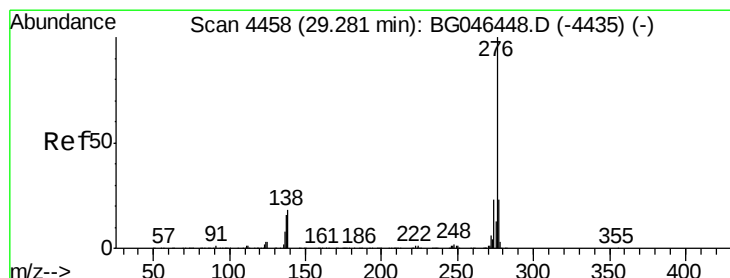
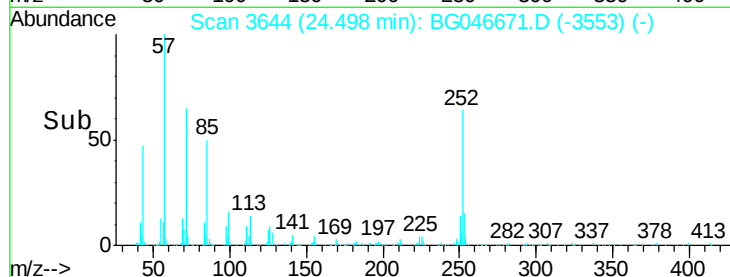
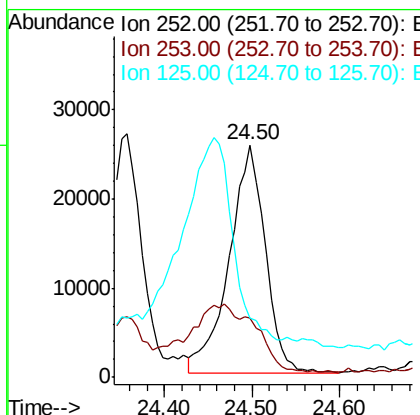
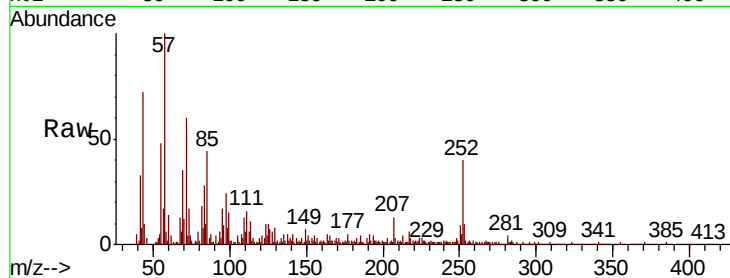
#90
Benzo(a)pyrene
Concen: 3.205 ng
RT: 24.50 min Scan# 3644
Delta R.T. 0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Instrument :
BNA_G
ClientSampleId :
KTS-IB-0102-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	25.5	7.0	10.4

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#92
Benzo(g,h,i)perylene
Concen: 2.204 ng
RT: 29.25 min Scan# 4452
Delta R.T. 0.00 min
Lab File: BG046671.D
Acq: 18 Sep 2020 16:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.6	29.4
138	22.0	13.4	20.2

