

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
 Data File : BG042520.D
 Acq On : 28 Aug 2019 1:17
 Operator : HP/JU
 Sample : K4525-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T9-12-13-B1-B4-(0-1.9)

Manual Integrations
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mohammad
 8/29/2019 7:58:36 AM

Quant Time: Aug 28 04:08:01 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	40908	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	157720	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	111448	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	261484	20.00	ng	0.00
76) Chrysene-d12	21.69	240	303681	20.00	ng	0.00
87) Perylene-d12	24.92	264	361801	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	194113	96.10	ng	0.00
7) Phenol-d6	7.16	99	262465	96.20	ng	0.00
23) Nitrobenzene-d5	9.17	82	150984	66.15	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	155595	98.23	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	381748	57.93	ng	0.00
79) Terphenyl-d14	20.02	244	709804	50.53	ng	0.00
Target Compounds						
10) Phenol	7.19	94	12652	4.561	ng	88
50) Dimethylphthalate	14.11	163	35111	4.366	ng	98
71) Phenanthrene	17.45	178	168119	12.944	ng	100
75) Fluoranthene	19.47	202	359383	22.672	ng	97
78) Pyrene	19.82	202	304748	16.368	ng	97
81) Benzo(a)anthracene	21.66	228	156627	8.478	ng	98
83) Chrysene	21.73	228	168487	9.457	ng	98
86) Indeno(1,2,3-cd)pyrene	28.62	276	136482	5.637	ng	# 97
88) Benzo(b)fluoranthene	23.90	252	250347	12.586	ng	99
89) Benzo(k)fluoranthene	23.96	252	84710m	4.431	ng	
90) Benzo(a)pyrene	24.77	252	173811	9.209	ng	99
92) Benzo(a,h,i)perylene	29.76	276	137919	7.216	ng	96

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

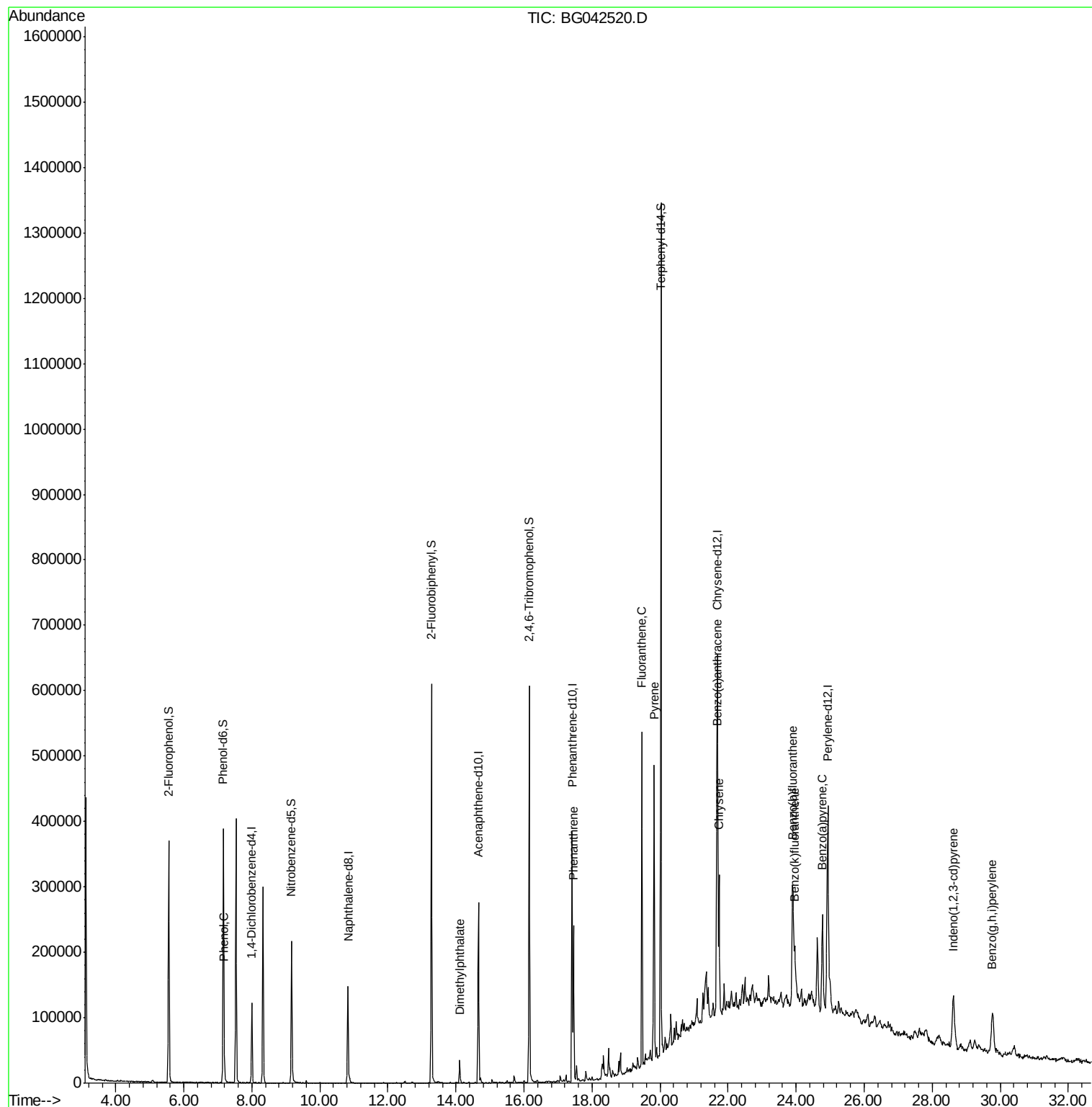
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082719\
Data File : BG042520.D
Acq On : 28 Aug 2019 1:17
Operator : HP/JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

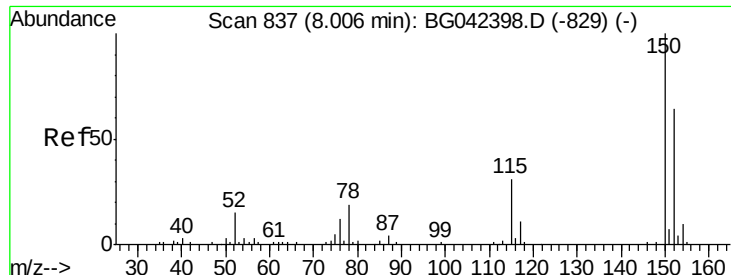
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
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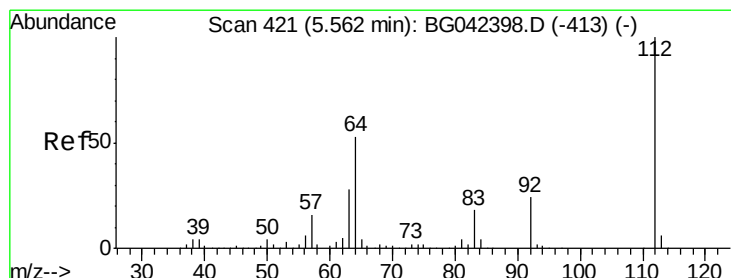
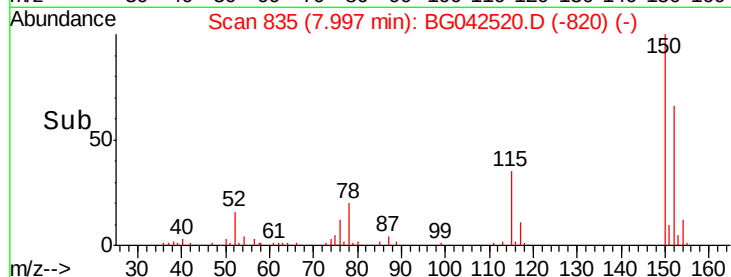
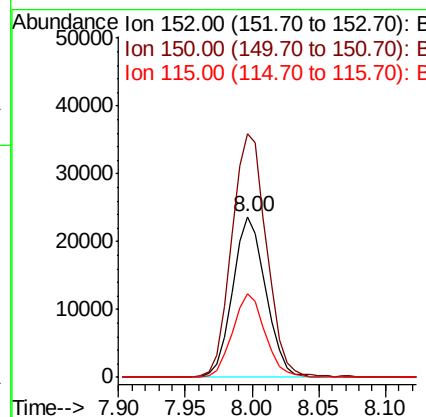
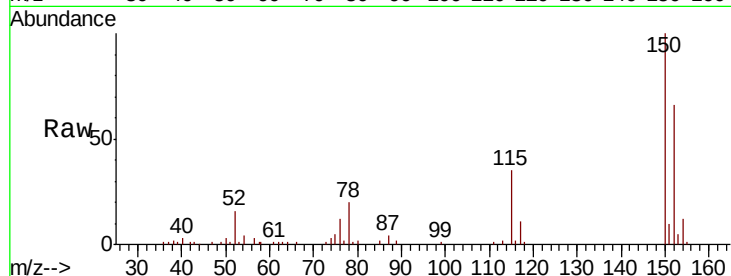
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042520.D
 Acq: 28 Aug 2019 1:17

Instrument :
 BNA_G
 ClientSampleId :
 T9-12-13-B1-B4-(0-1.9)

Tot Ion:	152	Resp:	40908
Ion Ratio	Lower	Upper	
152	100		
150	151.2	125.4	188.0
115	52.2	38.5	57.7

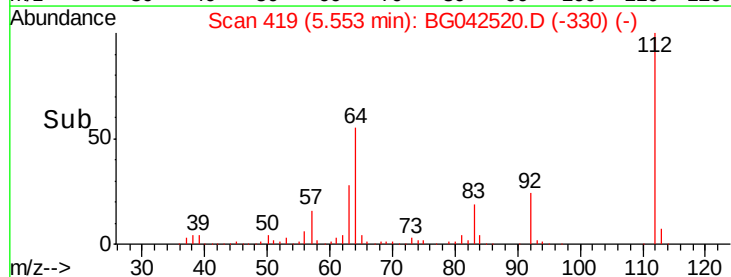
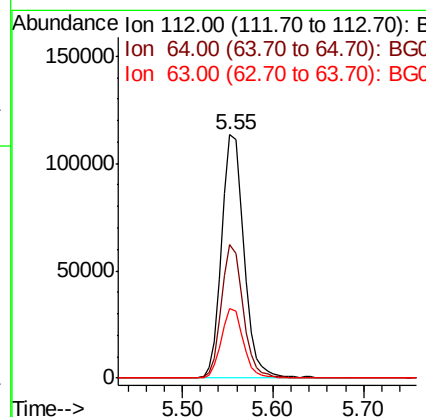
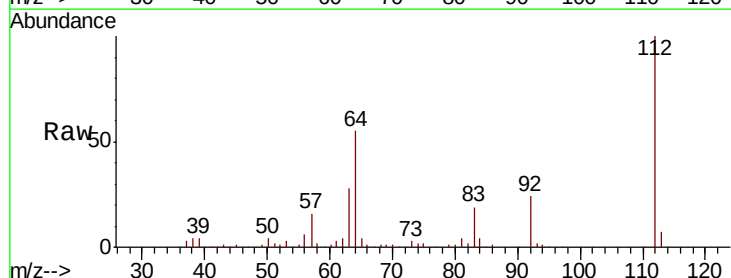
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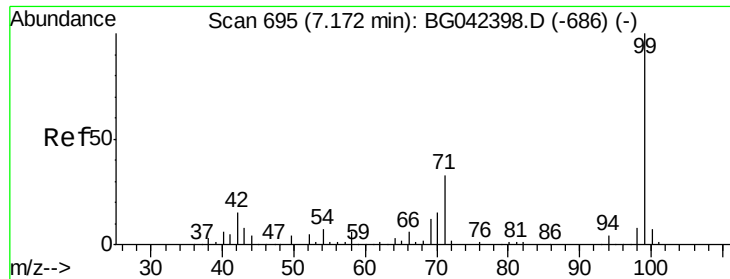
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#5
 2-Fluorophenol
 Concen: 96.102 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042520.D
 Acq: 28 Aug 2019 1:17

Tgt Ion:	112	Resp:	194113
Ion Ratio	Lower	Upper	
112	100		
64	55.0	42.8	64.2
63	28.4	22.7	34.1





#7

Phenol-d6

Concen: 96.198 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042520.D

Acq: 28 Aug 2019 1:17

Instrument :

BNA_G

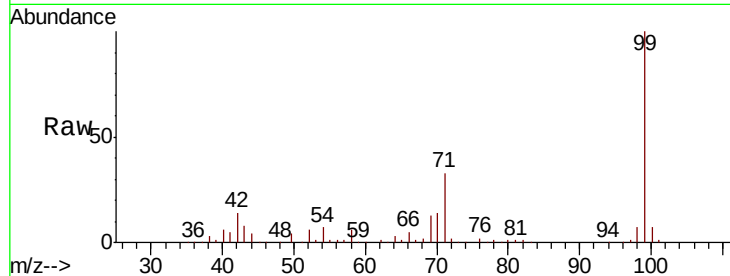
ClientSampleId :

T9-12-13-B1-B4-(0-1.9)

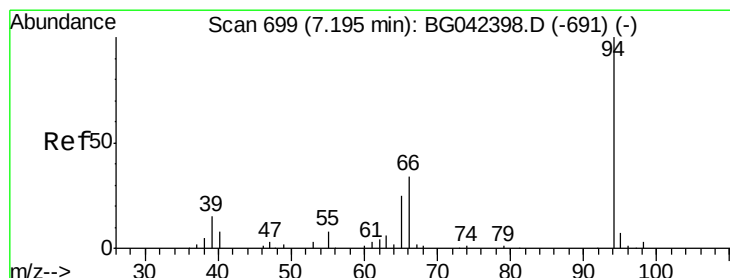
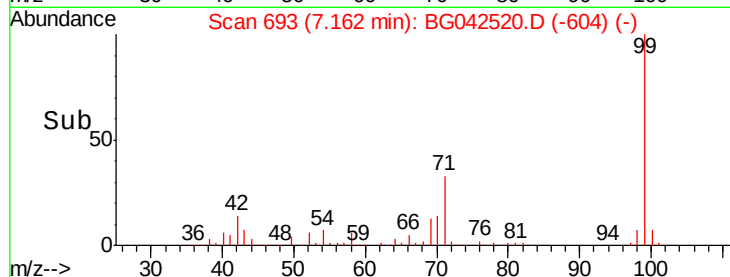
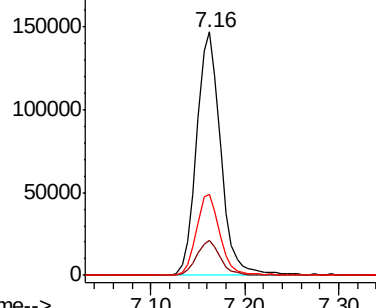
Tot Ion:	99	Resp:	262465
Ion	Ratio	Lower	Upper
99	100		
42	14.3	12.0	18.0
71	33.4	26.3	39.5

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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: 4.561 ng

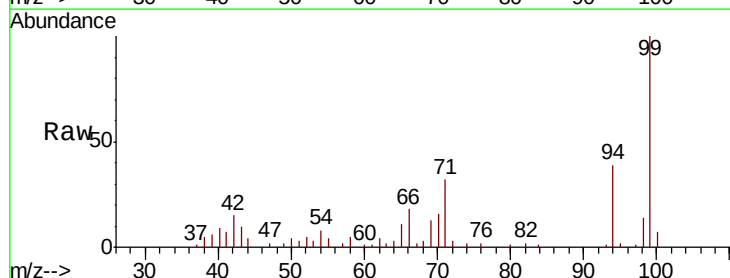
RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

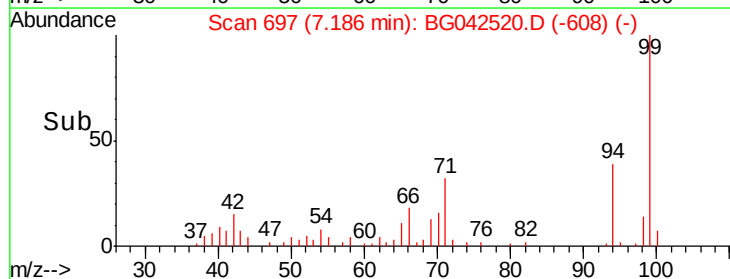
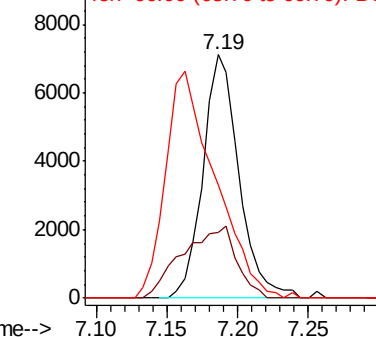
Lab File: BG042520.D

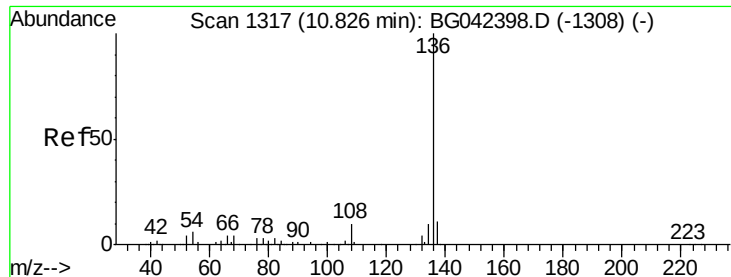
Acq: 28 Aug 2019 1:17

Tgt Ion:	94	Resp:	12652
Ion	Ratio	Lower	Upper
94	100		
65	27.1	5.6	45.6
66	46.5	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





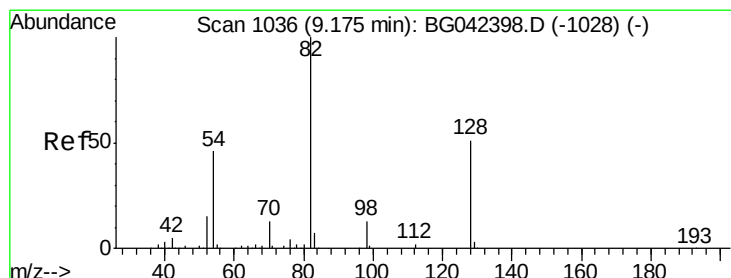
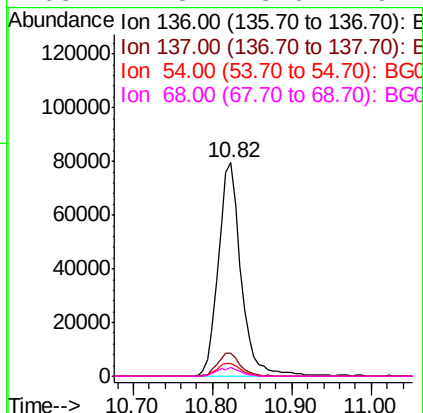
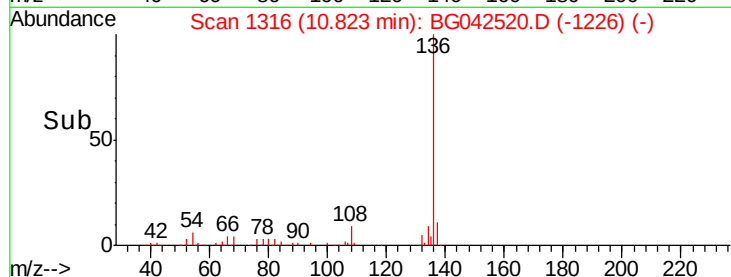
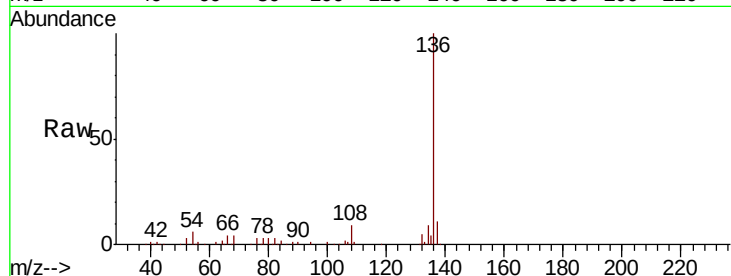
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :
T9-12-13-B1-B4-(0-1.9)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		157720		
137	10.8	8.7	13.1		
54	5.9	4.9	7.3		
68	4.3	3.6	5.4		

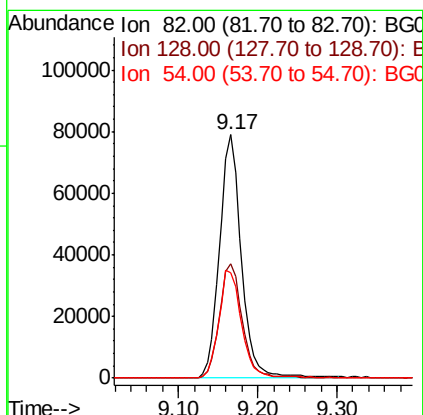
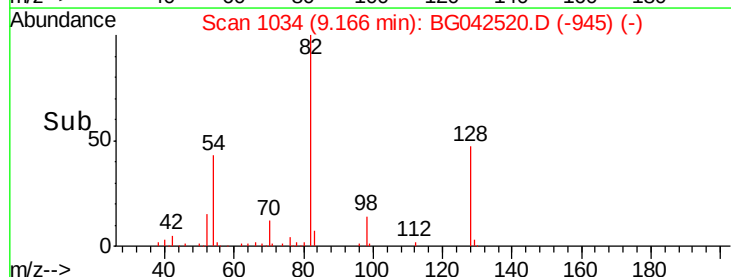
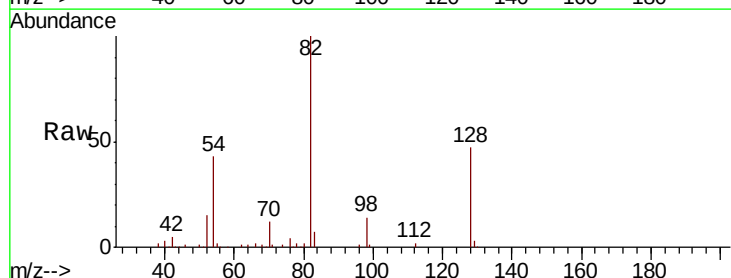
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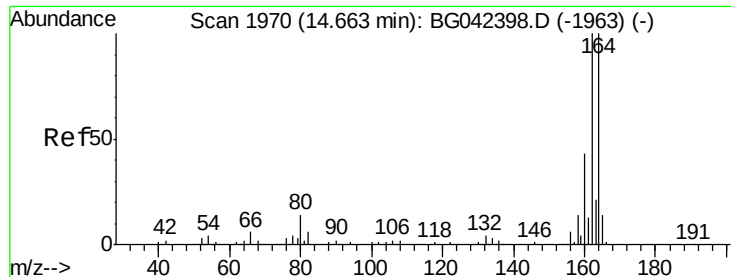
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#23
Nitrobenzene-d5
Concen: 66.153 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		150984		
128	47.2	40.7	61.1		
54	43.3	36.3	54.5		





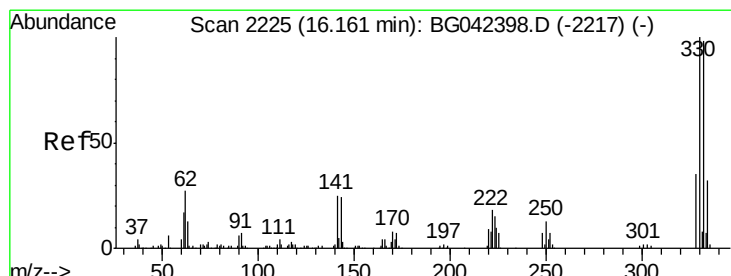
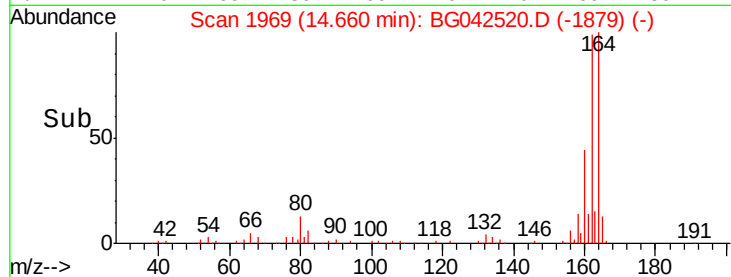
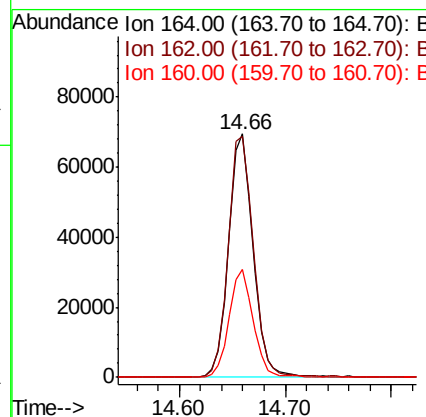
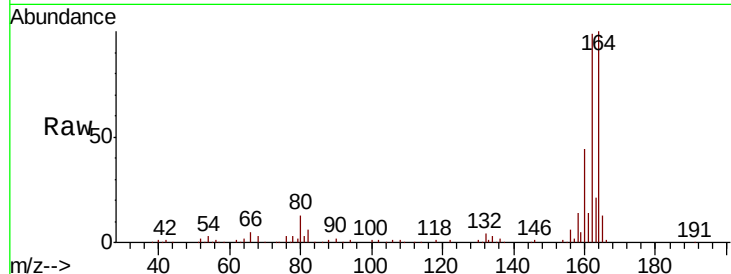
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :
T9-12-13-B1-B4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.9	119.9
160	44.1	34.3	51.5

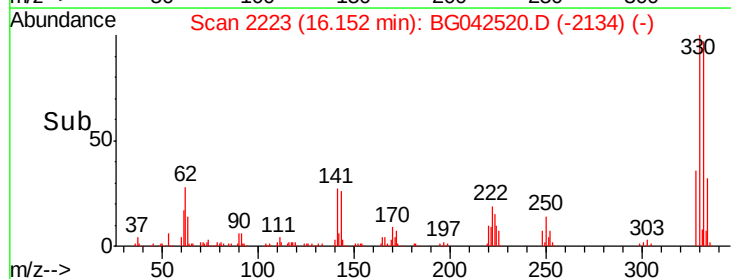
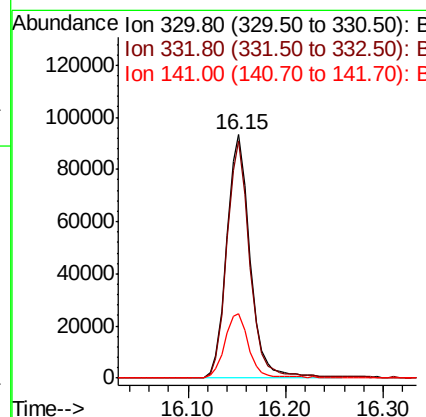
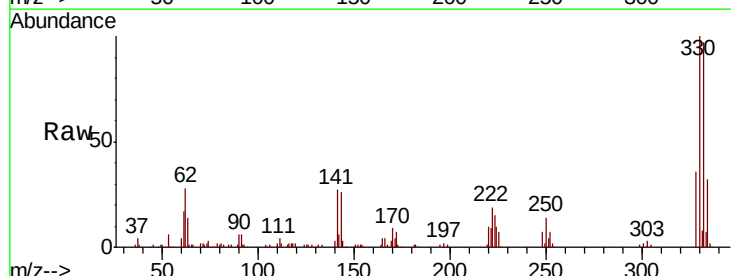
Manual Integrations
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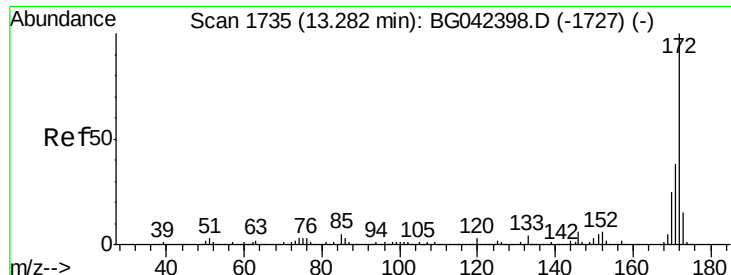
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#42
2,4,6-Tribromophenol
Concen: 98.226 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.0
141	27.2	21.4	32.0





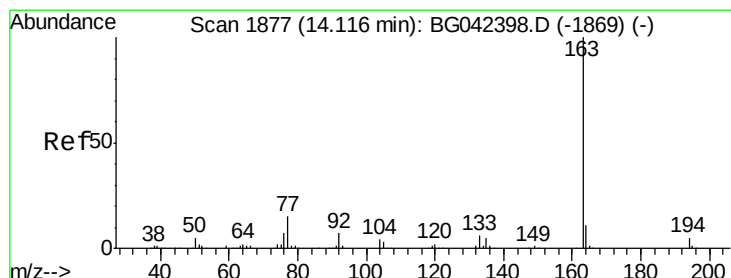
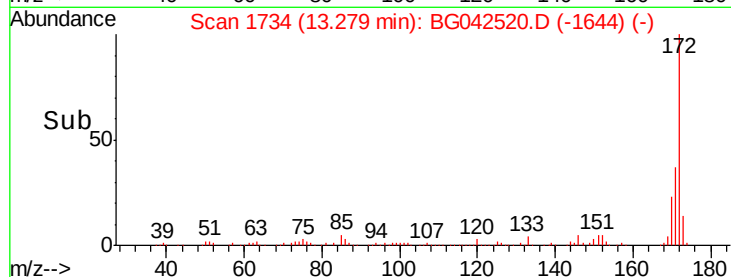
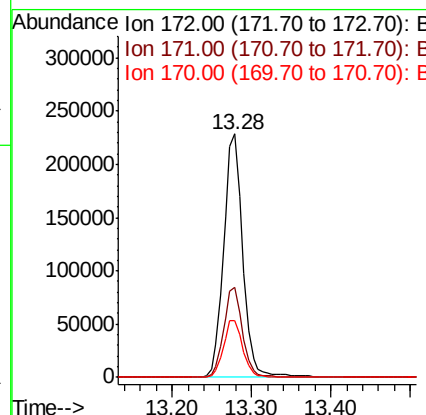
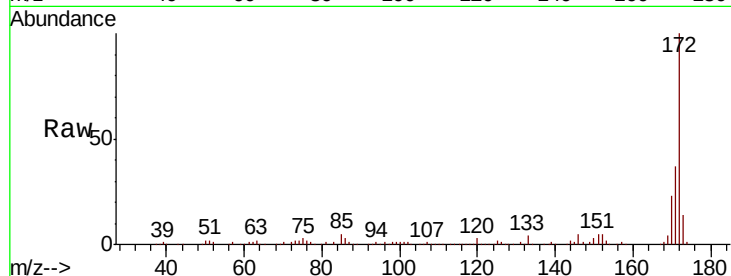
#45
2-Fluorobiphenyl
Concen: 57.932 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :
T9-12-13-B1-B4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.5	45.7
170	23.2	20.2	30.2

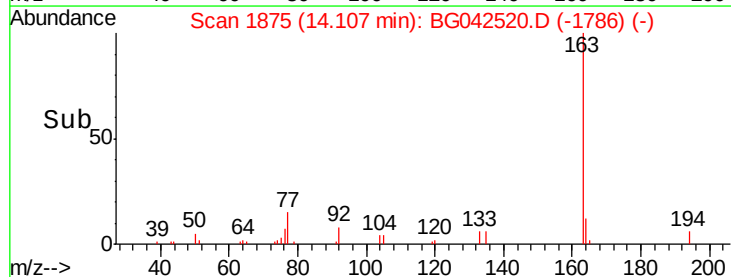
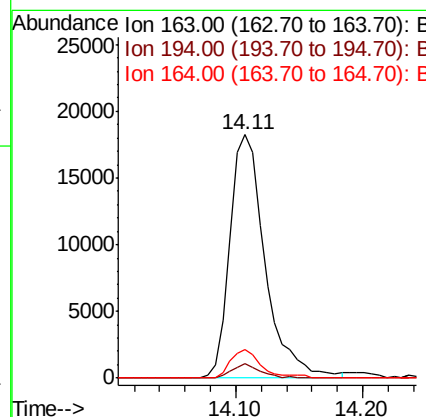
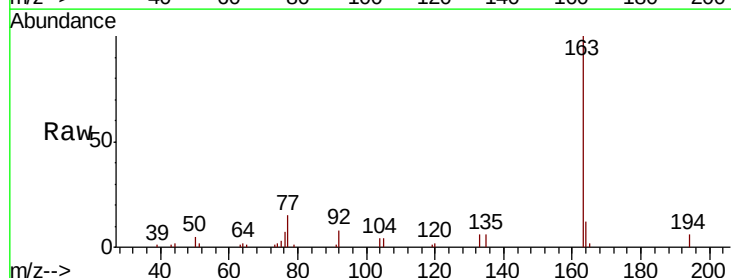
Manual Integrations
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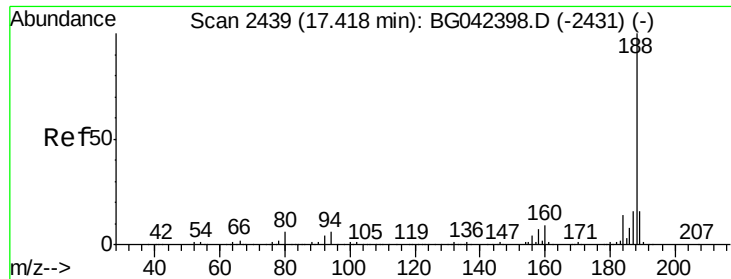
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#50
Dimethylphthalate
Concen: 4.366 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.2	4.2	6.2
164	11.8	8.8	13.2





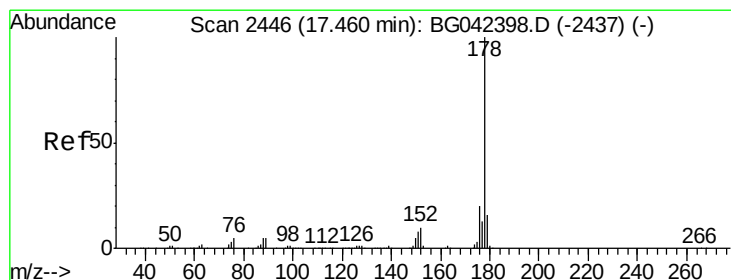
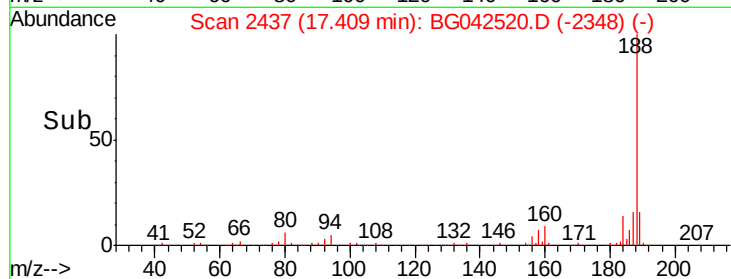
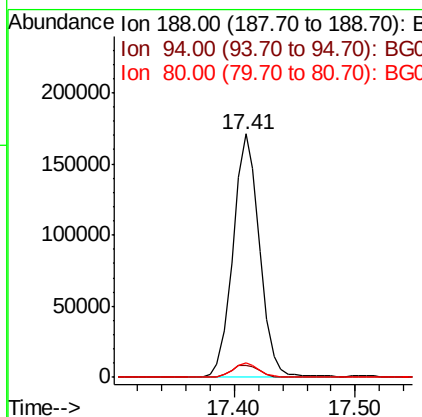
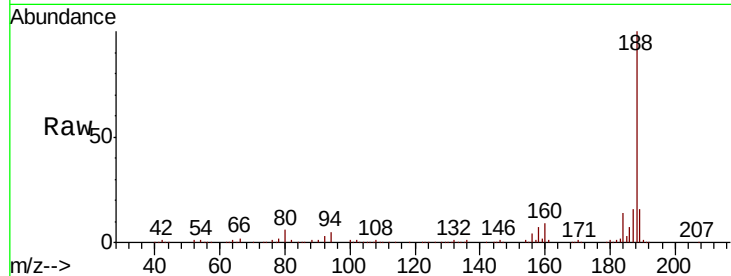
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042520.D
 Acq: 28 Aug 2019 1:17

Instrument :
 BNA_G
 ClientSampleId :
 T9-12-13-B1-B4-(0-1.9)

Tot Ion	Ratio	Resp	Lower	Upper
188	100	261484		
94	5.1		4.5	6.7
80	6.1		4.9	7.3

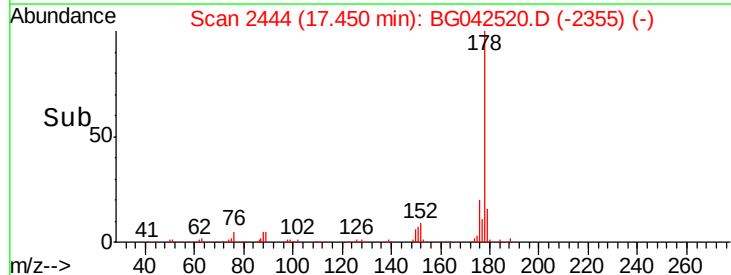
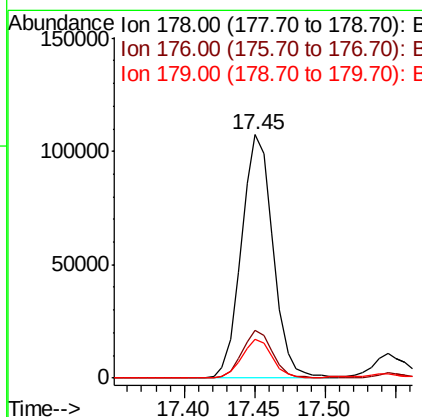
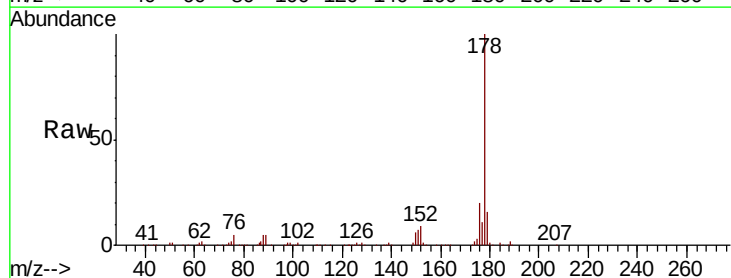
Manual Integrations
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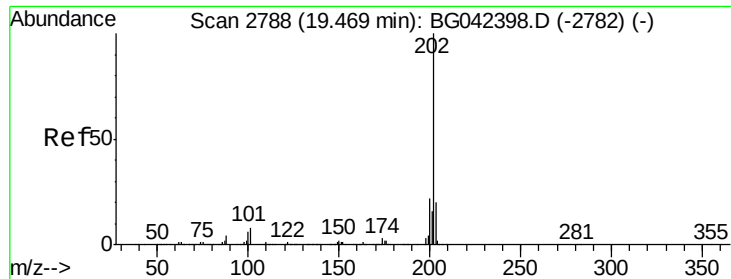
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#71
 Phenanthrene
 Concen: 12.944 ng
 RT: 17.45 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BG042520.D
 Acq: 28 Aug 2019 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	168119		
176	19.8		15.9	23.9
179	16.2		12.7	19.1





#75

Fluoranthene

Concen: 22.672 ng

RT: 19.47 min Scan# 2787

Delta R.T. -0.00 min

Lab File: BG042520.D

Acq: 28 Aug 2019 1:17

Instrument :

BNA_G

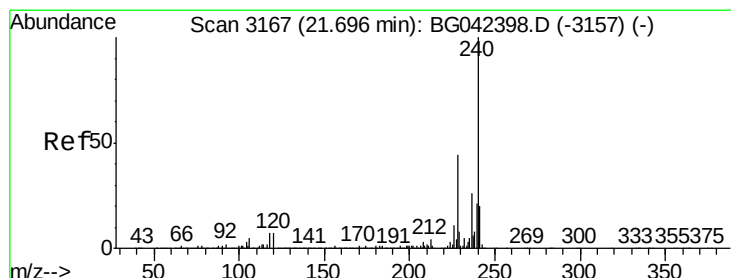
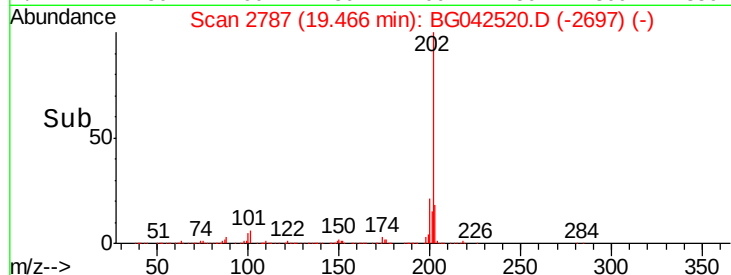
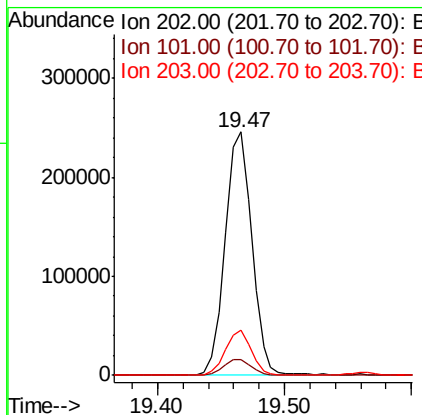
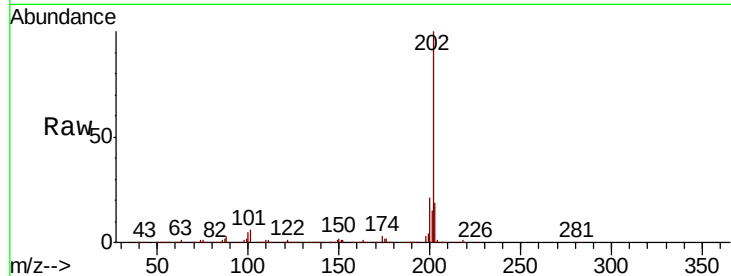
ClientSampleId :

T9-12-13-B1-B4-(0-1.9)

Tot Ion	Ratio	Resp	Lower	Upper
202	100	359383		
101	6.4	0.0	28.3	
203	18.6	0.0	39.6	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

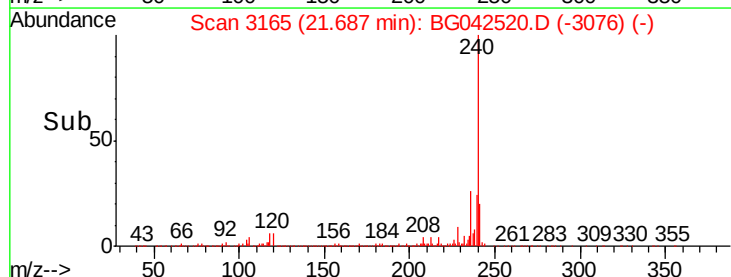
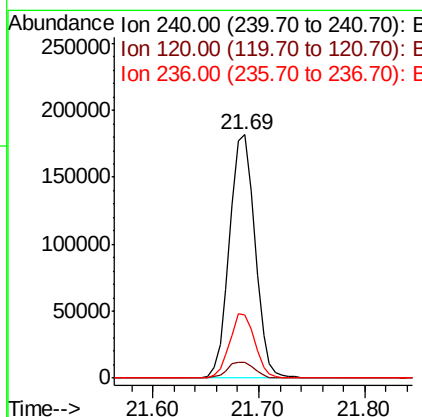
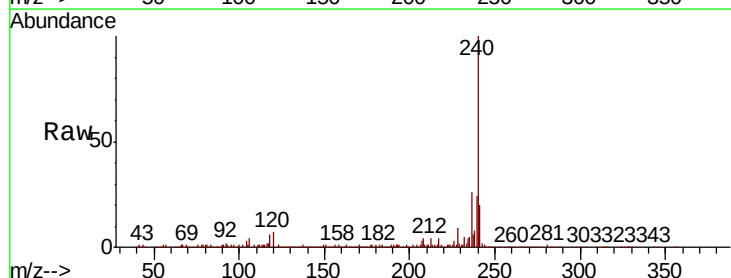
RT: 21.69 min Scan# 3165

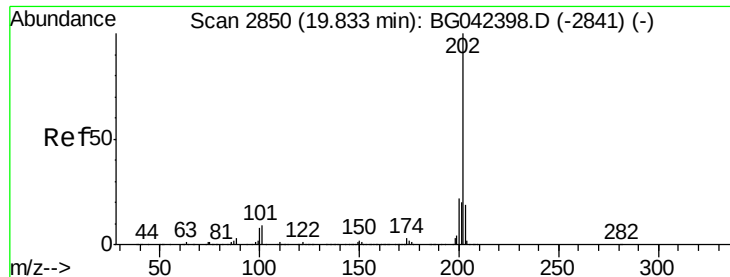
Delta R.T. -0.01 min

Lab File: BG042520.D

Acq: 28 Aug 2019 1:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	303681		
120	6.5	5.7	8.5	
236	26.1	21.0	31.4	





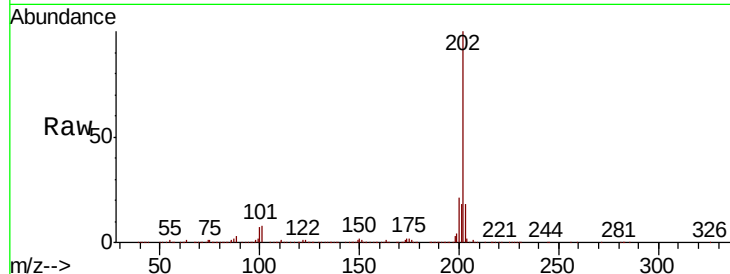
#78
Pvrene
Concen: 16.368 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :
T9-12-13-B1-B4-(0-1.9)

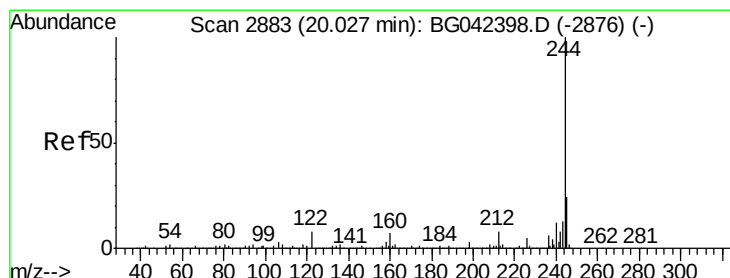
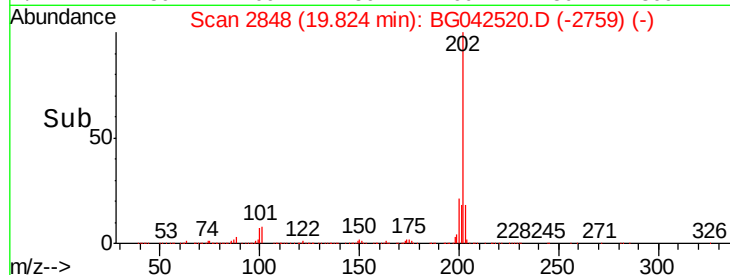
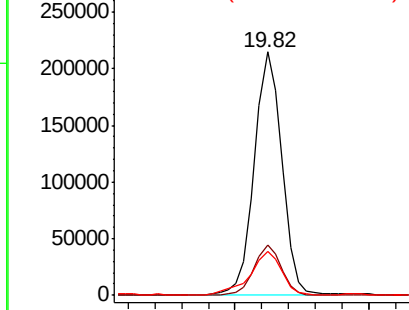
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	17.9	15.5	23.3

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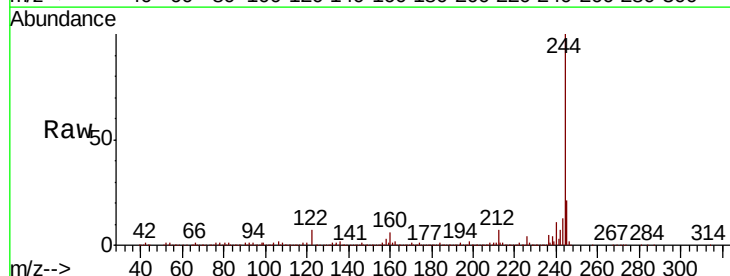


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

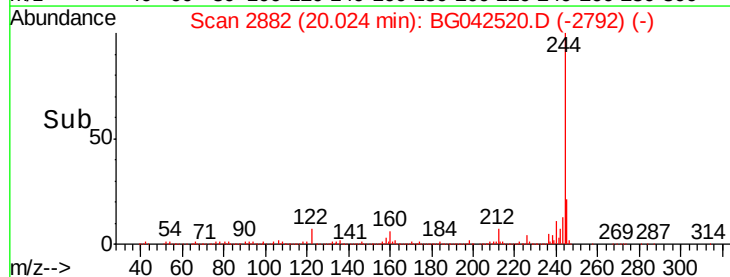
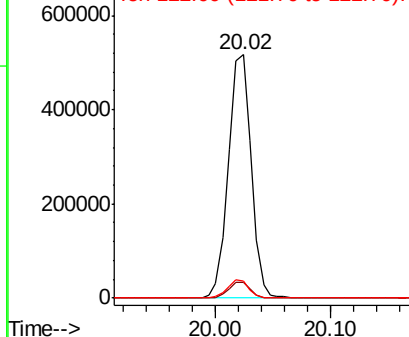


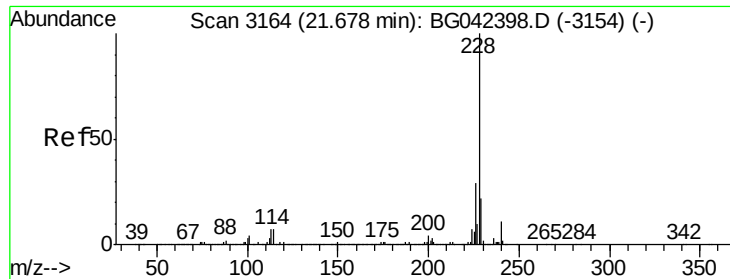
#79
Terphenyl-d14
Concen: 50.531 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	6.9	6.7	10.1



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





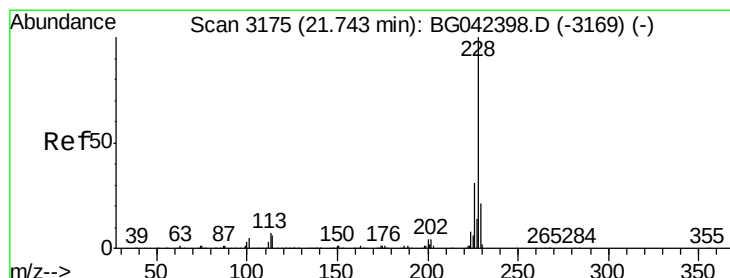
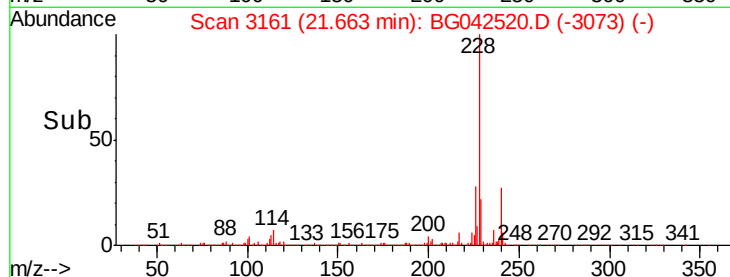
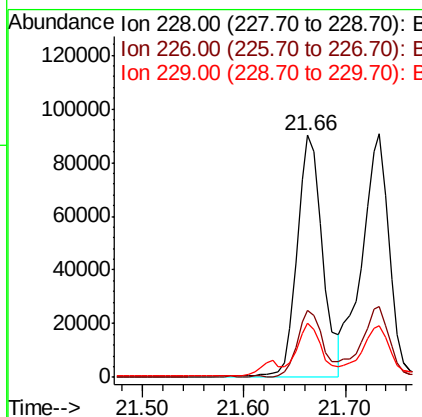
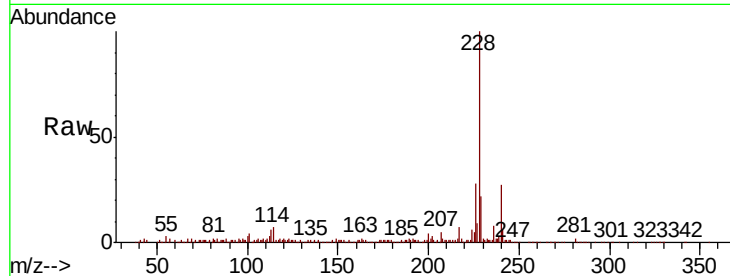
#81
Benzo(a)anthracene
Concen: 8.478 ng
RT: 21.66 min Scan# 3161
Delta R.T. -0.02 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :
T9-12-13-B1-B4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.2
229	22.2	17.4	26.2

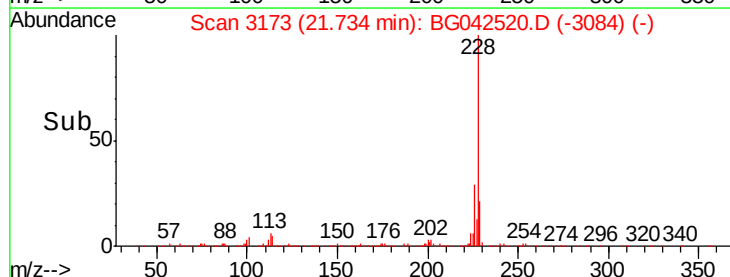
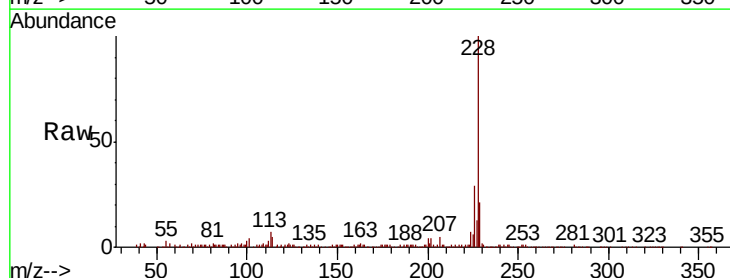
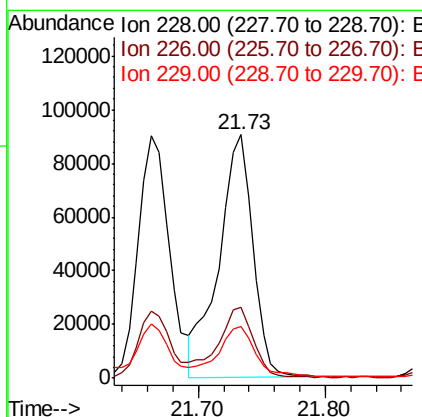
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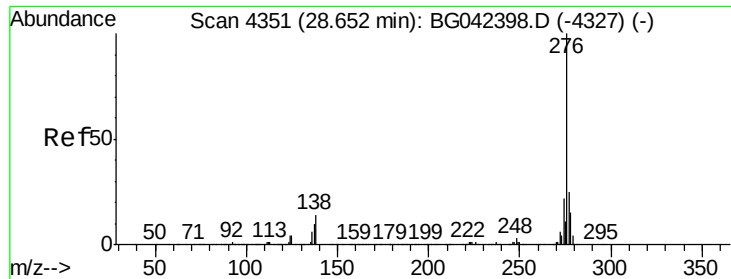
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#83
Chrysene
Concen: 9.457 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	21.2	16.9	25.3





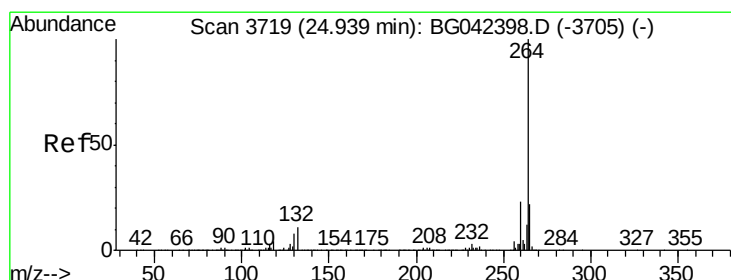
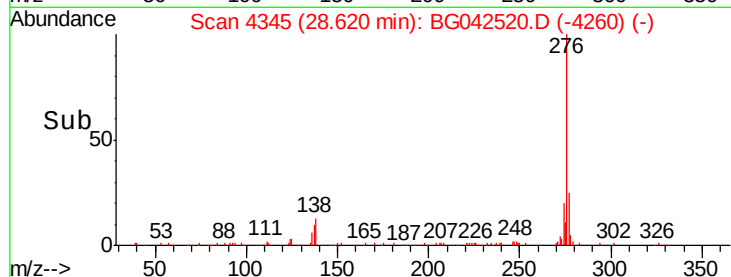
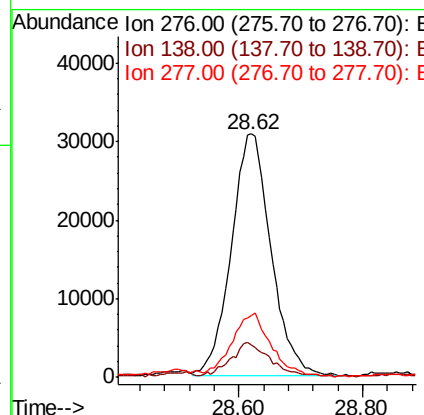
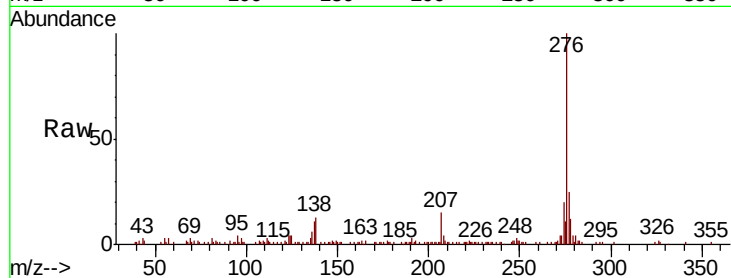
#86
Indeno(1,2,3-cd)pyrene
Concen: 5.637 ng
RT: 28.62 min Scan# 4345
Delta R.T. -0.03 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :
T9-12-13-B1-B4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.3	9.2	13.8#
277	26.8	21.0	31.6

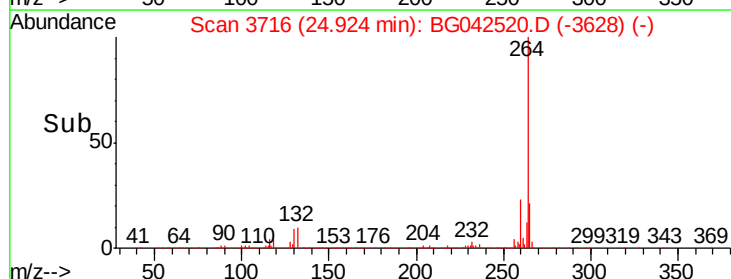
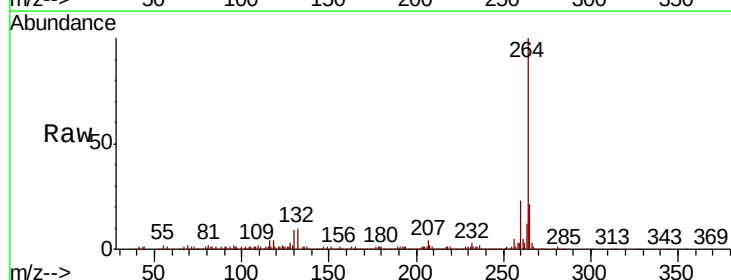
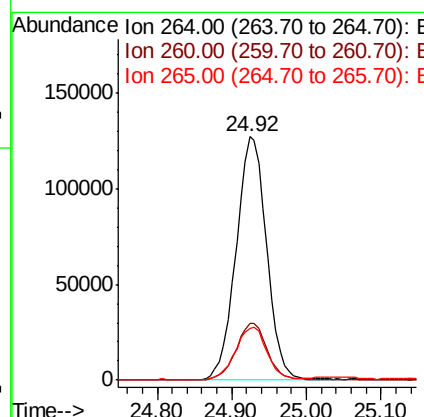
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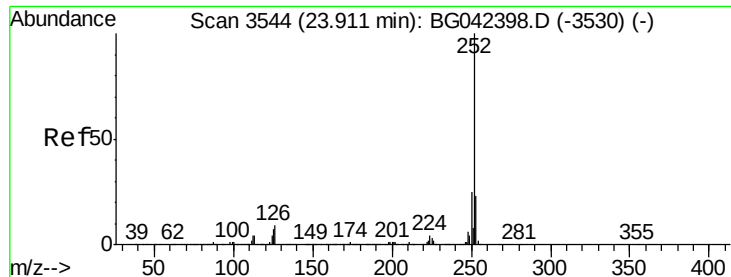
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	21.2	17.6	26.4





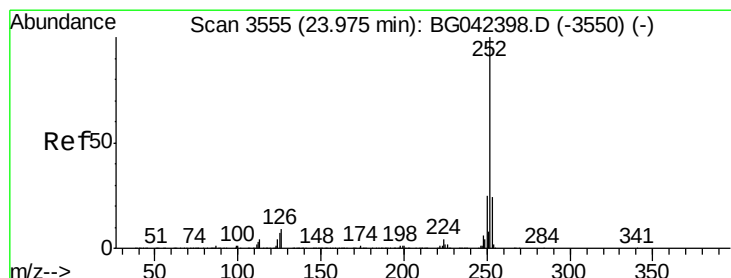
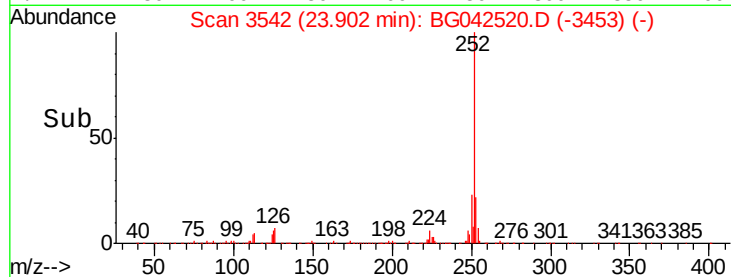
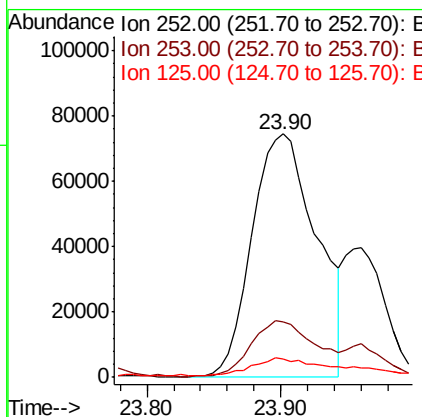
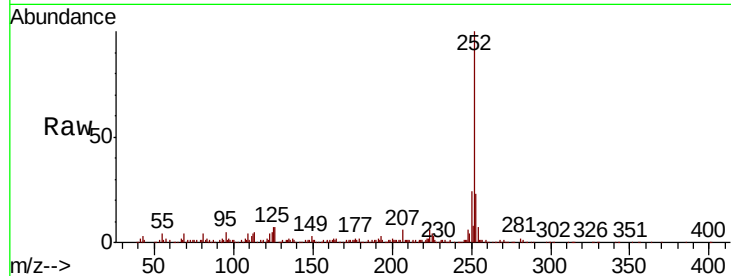
#88
Benzo(b)fluoranthene
Concen: 12.586 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Instrument :
BNA_G
ClientSampleId :
T9-12-13-B1-B4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	7.3	5.6	8.4

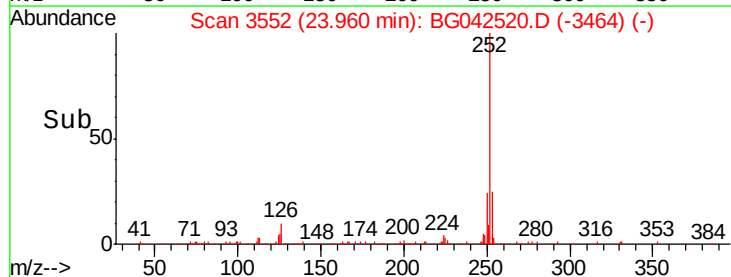
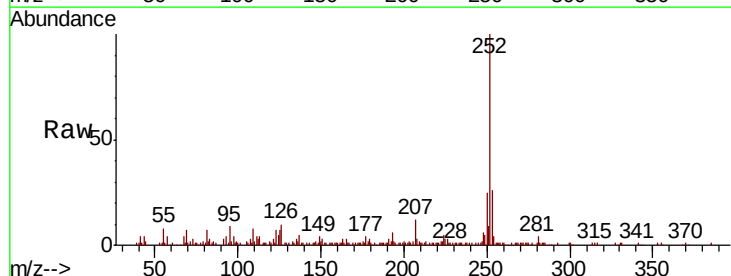
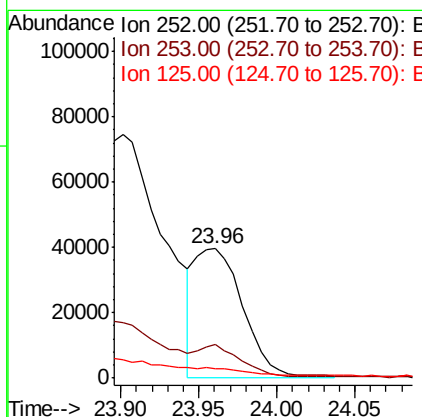
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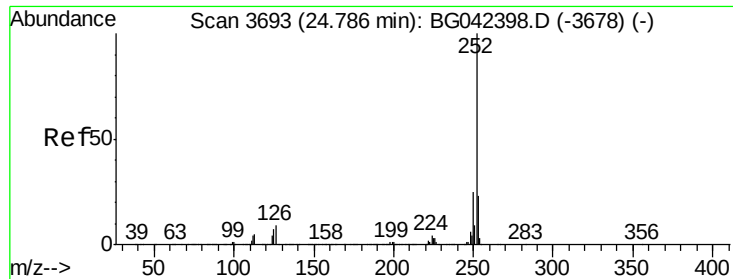
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#89
Benzo(k)fluoranthene
Concen: 4.431 ng m
RT: 23.96 min Scan# 3552
Delta R.T. -0.02 min
Lab File: BG042520.D
Acq: 28 Aug 2019 1:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.6	27.8
125	7.2	5.8	8.6





#90

Benzo(a)pyrene

Concen: 9.209 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG042520.D

Acq: 28 Aug 2019 1:17

Instrument :

BNA_G

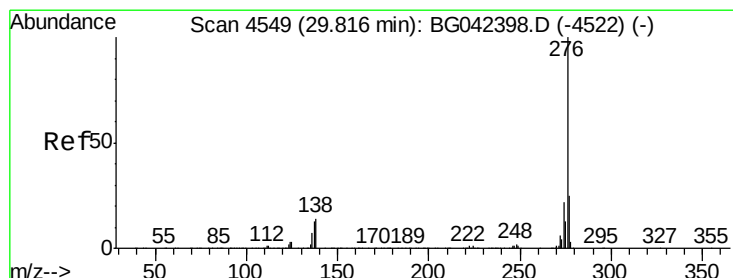
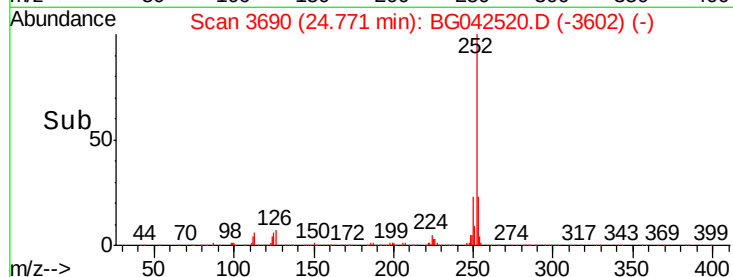
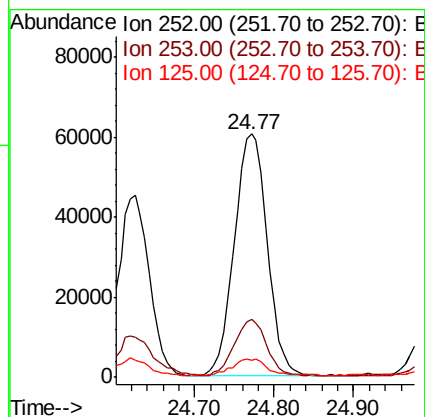
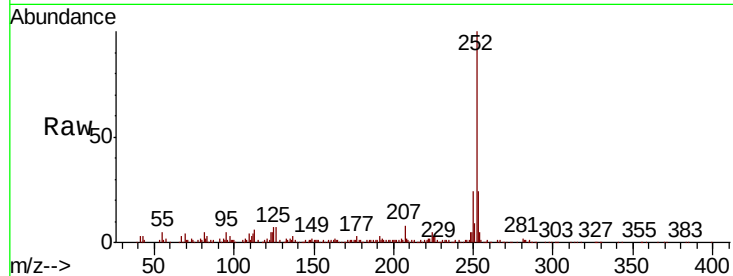
ClientSampleId :

T9-12-13-B1-B4-(0-1.9)

Tot Ion:	252	Resp:	173811
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.4	27.6
125	7.1	6.0	9.0

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#92

Benzo(g,h,i)perylene

Concen: 7.216 ng

RT: 29.76 min Scan# 4539

Delta R.T. -0.06 min

Lab File: BG042520.D

Acq: 28 Aug 2019 1:17

Tgt Ion:	276	Resp:	137919
Ion Ratio	Lower	Upper	
276	100		
277	22.6	19.8	29.8
138	12.6	11.4	17.0

