

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
 Data File : BG040845.D
 Acq On : 10 May 2019 10:55
 Operator : HP/JU
 Sample : K2764-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01

Manual Integrations
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Quant Time: May 10 15:27:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	65197	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	273158	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	203583	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	483738	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	461941	20.00	ng	-0.03
87) Perylene-d12	25.16	264	502504	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	531370	143.67	ng	0.00
7) Phenol-d6	7.29	99	809139	142.09	ng	0.00
23) Nitrobenzene-d5	9.32	82	581647	98.39	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	394803	141.09	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	1042329	73.94	ng	-0.02
79) Terphenyl-d14	20.11	244	1443193	69.21	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.21	163	140171	8.229	ng	99
71) Phenanthrene	17.56	178	303135	11.634	ng	98
75) Fluoranthene	19.56	202	506427	15.597	ng	96
78) Pyrene	19.92	202	887426	30.651	ng	99
81) Benzo(a)anthracene	21.78	228	302019	10.345	ng	97
83) Chrysene	21.84	228	374902	13.503	ng	99
86) Indeno(1,2,3-cd)pyrene	28.99	276	166317	4.954	ng	96
88) Benzo(b)fluoranthene	24.08	252	339941	11.070	ng	98
89) Benzo(k)fluoranthene	24.14	252	99142m	3.457	ng	
90) Benzo(a)pyrene	24.99	252	232922m	8.013	ng	
92) Benzo(g,h,i)perylene	30.21	276	191416	6.539	ng	# 95

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

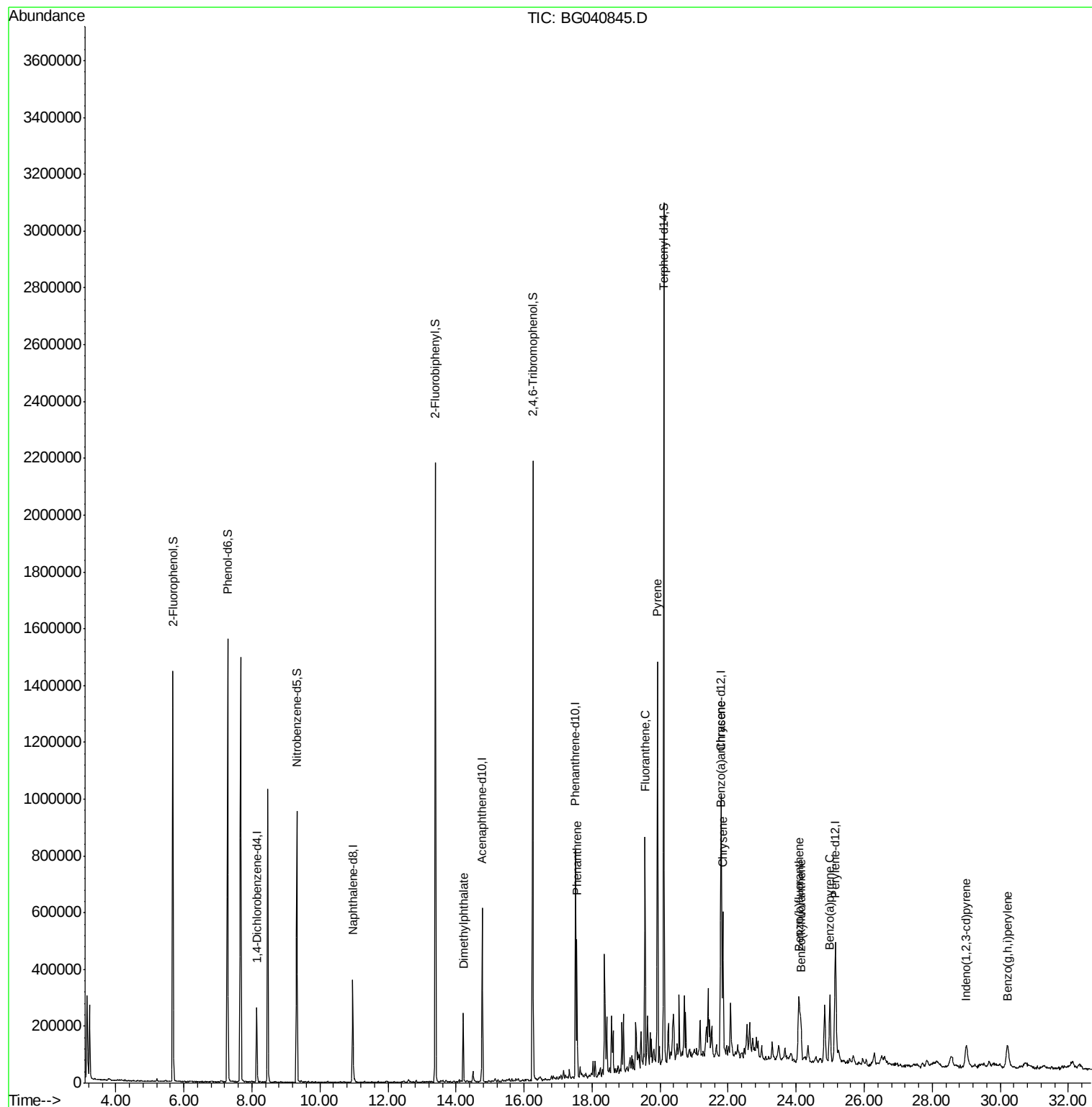
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\
Data File : BG040845.D
Acq On : 10 May 2019 10:55
Operator : HP/JU
Sample : K2764-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

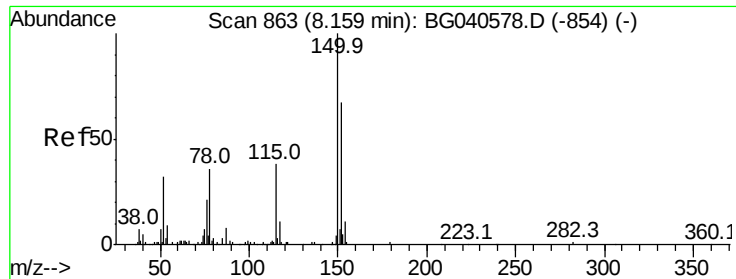
Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01

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Quant Time: May 10 15:27:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

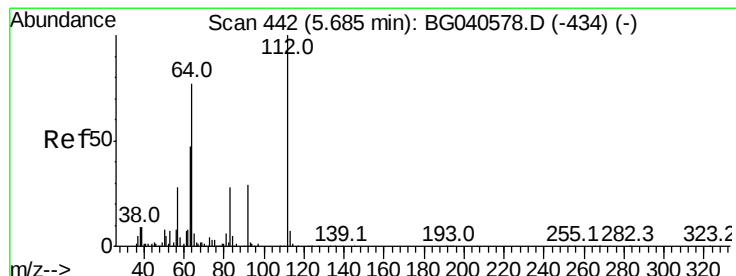
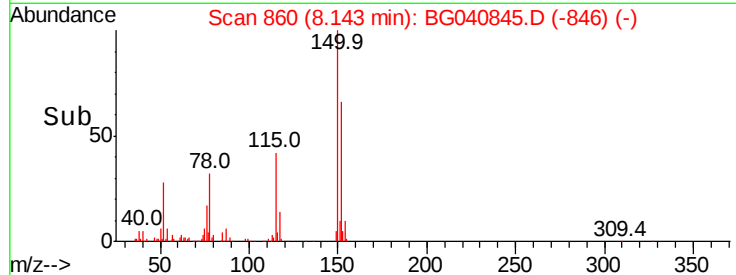
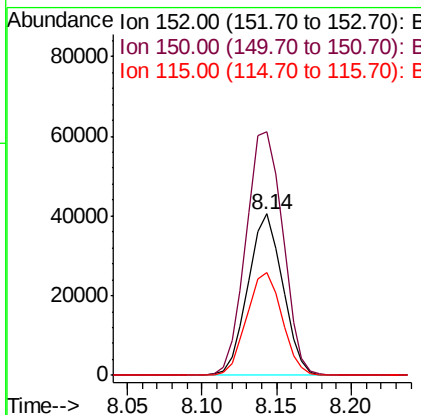
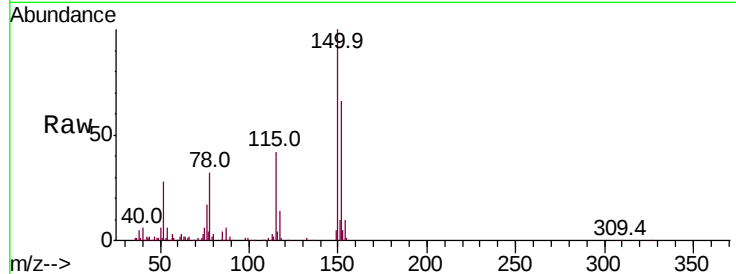
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	120.2	180.2
115	63.5	46.2	69.2

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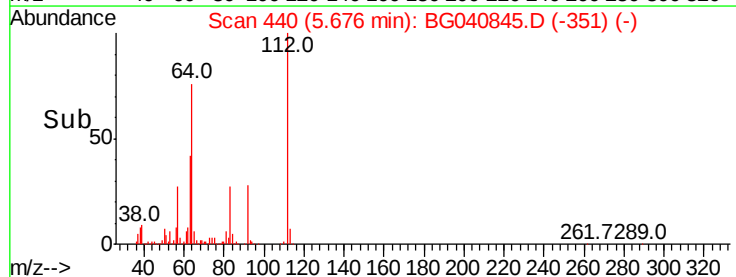
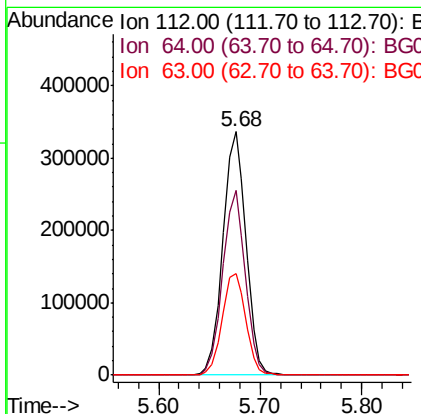
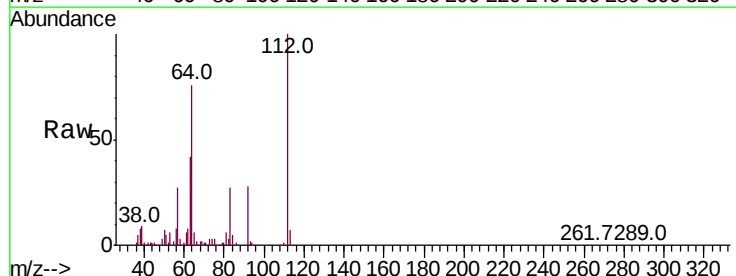
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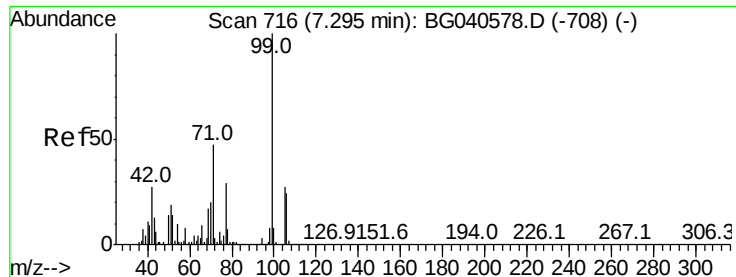


#5

2-Fluorophenol
Concen: 143.669 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.7	61.4	92.0
63	41.7	37.8	56.6





#7

Phenol-d6

Concen: 142.085 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040845.D

Acq: 10 May 2019 10:55

Instrument :

BNA_G

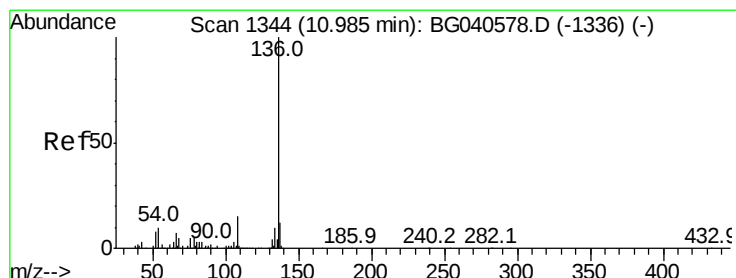
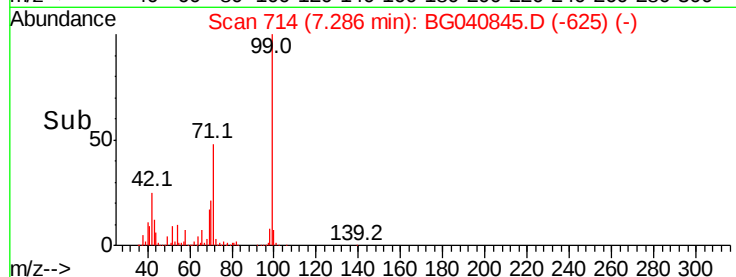
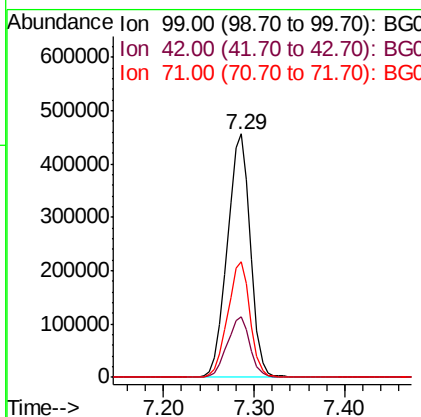
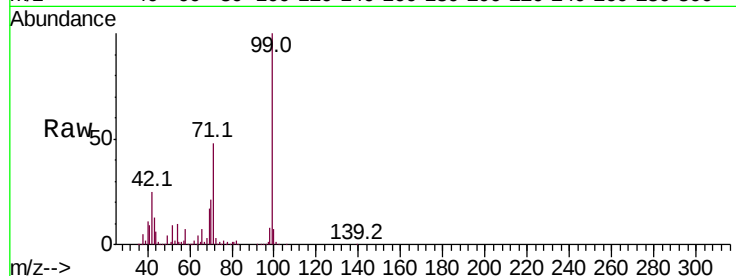
ClientSampleId :

P026-SS002-1218-01

Tot Ion	99	Resp	809139
Ion	Ratio	Lower	Upper
99	100		
42	24.8	21.8	32.8
71	47.7	38.6	57.8

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#21

Naphthalene-d8

Concen: 20.000 ng

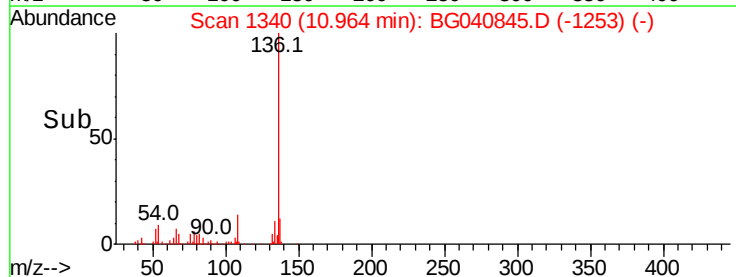
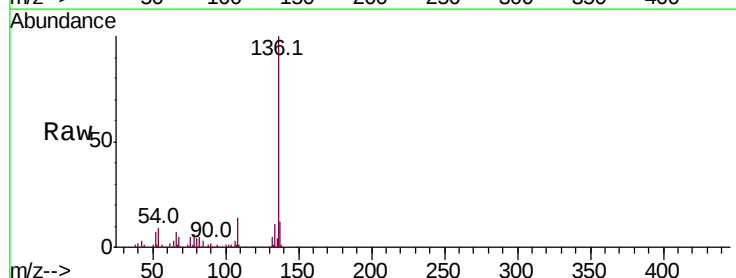
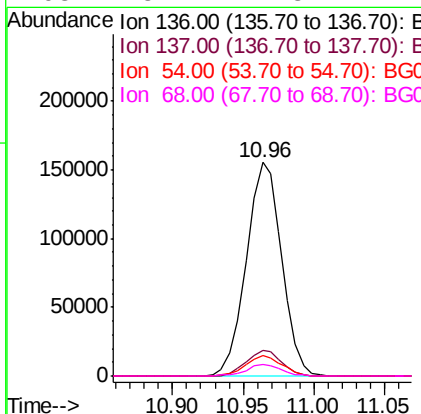
RT: 10.96 min Scan# 1340

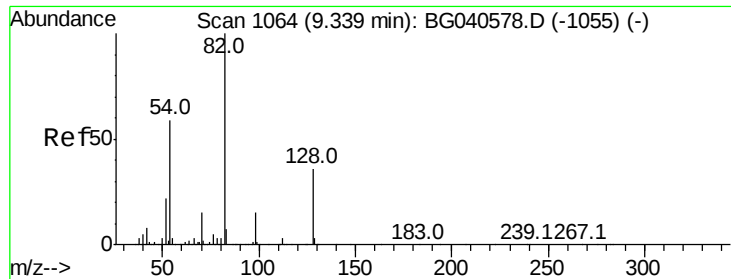
Delta R.T. -0.02 min

Lab File: BG040845.D

Acq: 10 May 2019 10:55

Tgt Ion	136	Resp	273158
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	9.3	8.6	12.8
68	5.2	4.8	7.2





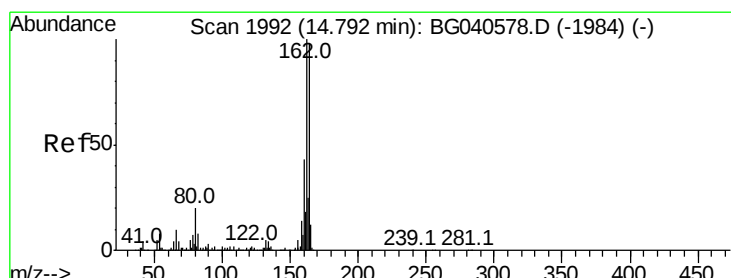
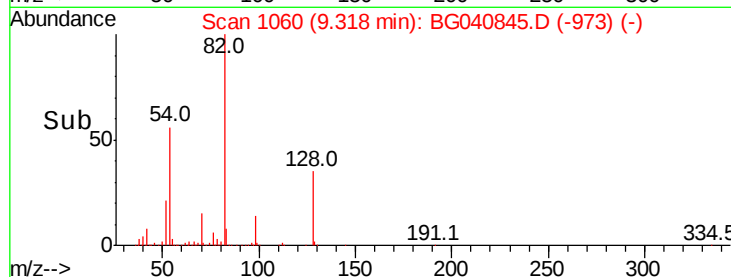
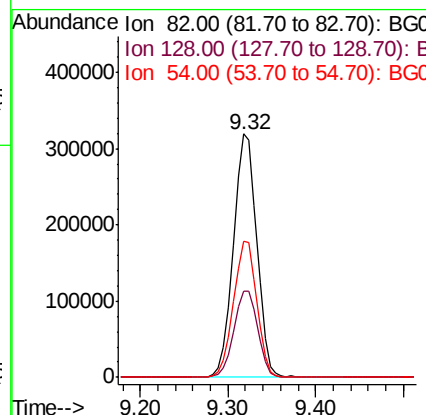
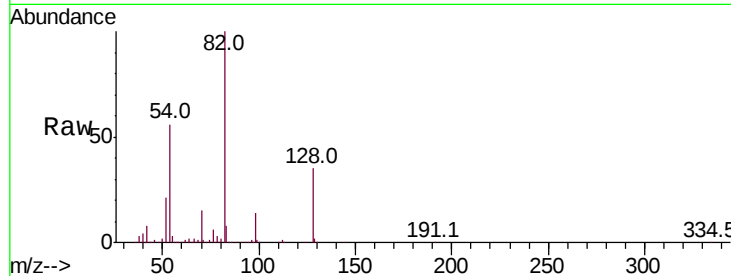
#23
Nitrobenzene-d5
Concen: 98.389 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.3	28.9	43.3	
54	56.1	47.2	70.8	

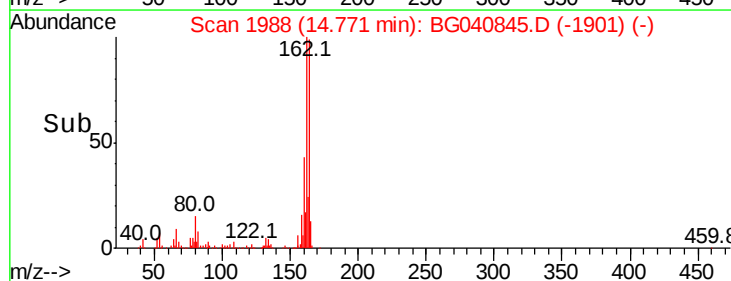
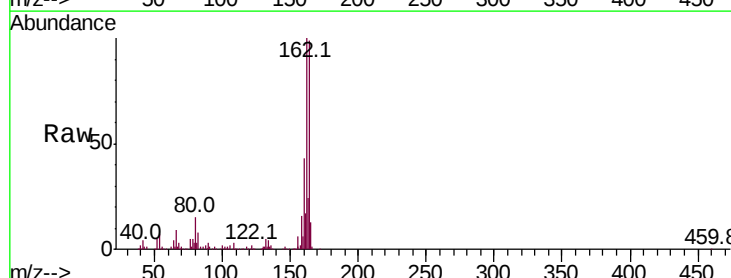
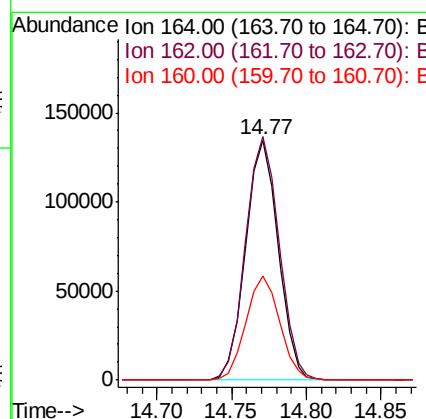
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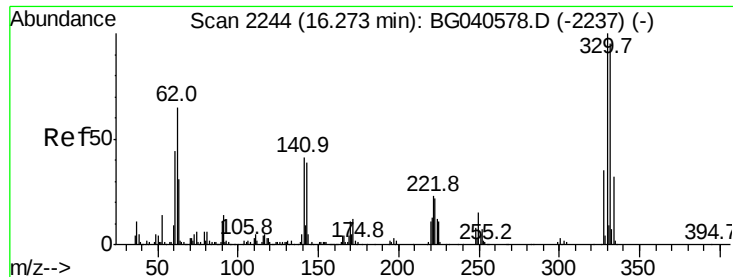
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	81.9	122.9	
160	43.6	35.4	53.2	





#42

2,4,6-Tribromophenol

Concen: 141.087 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040845.D

Acq: 10 May 2019 10:55

Instrument :

BNA_G

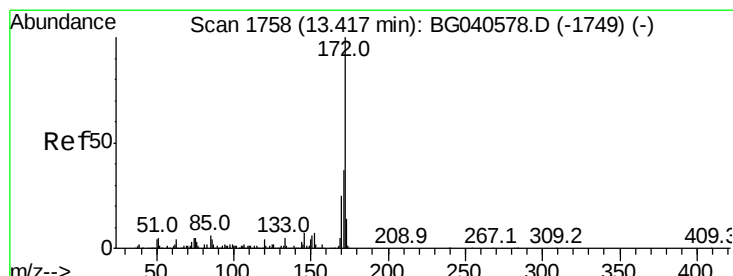
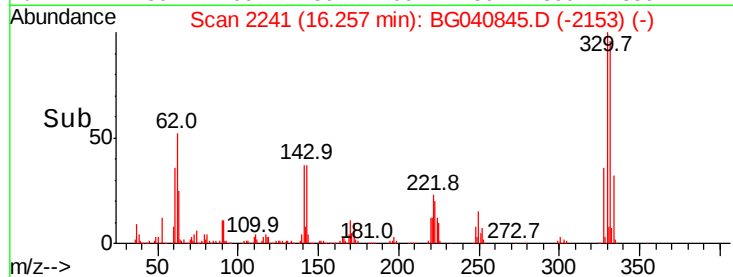
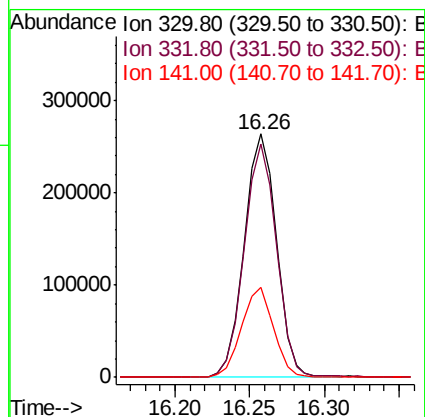
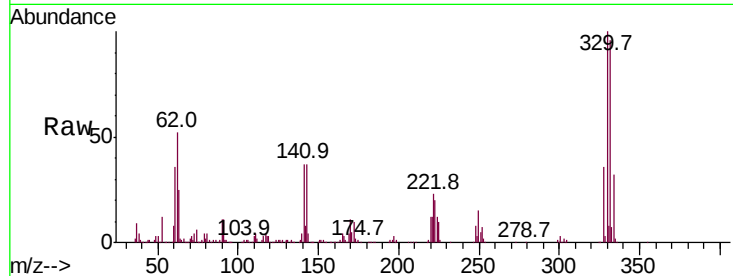
ClientSampleId :

P026-SS002-1218-01

Tot Ion:	330	Resp:	394803
Ion Ratio	Lower	Upper	
330	100		
332	96.4	75.9	113.9
141	36.8	32.4	48.6

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#45

2-Fluorobiphenyl

Concen: 73.942 ng

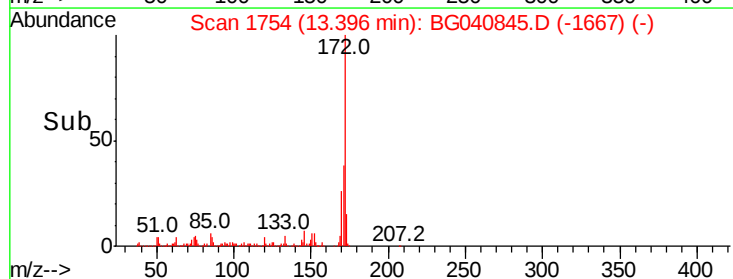
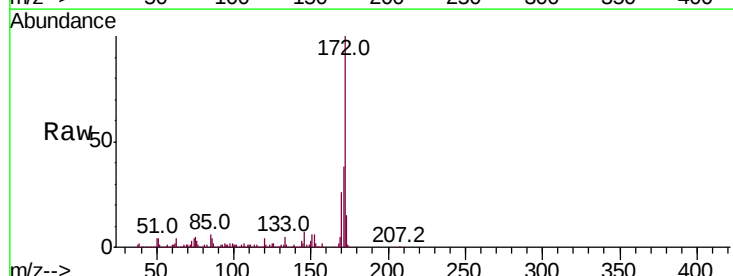
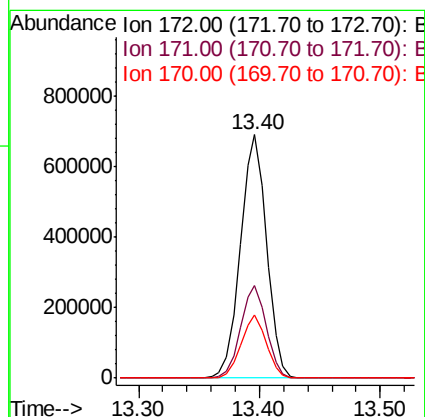
RT: 13.40 min Scan# 1754

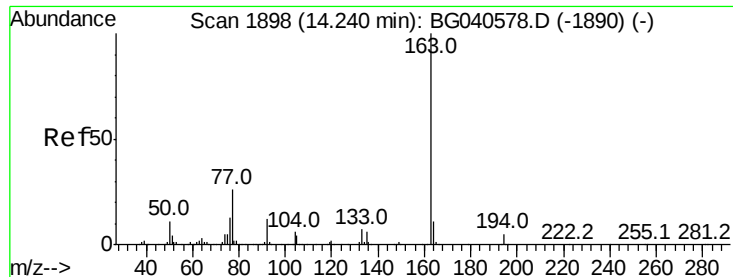
Delta R.T. -0.02 min

Lab File: BG040845.D

Acq: 10 May 2019 10:55

Tgt Ion:	172	Resp:	1042329
Ion Ratio	Lower	Upper	
172	100		
171	37.8	29.4	44.2
170	26.1	19.9	29.9





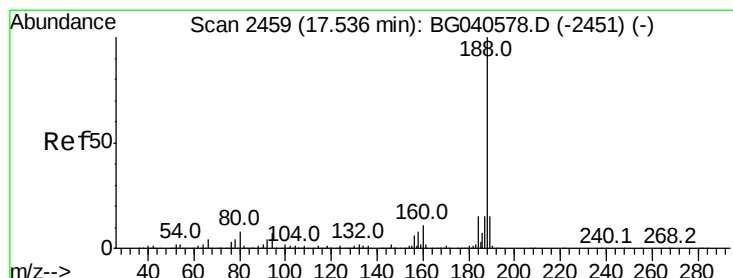
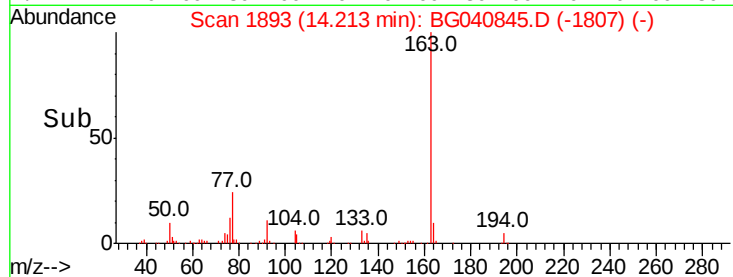
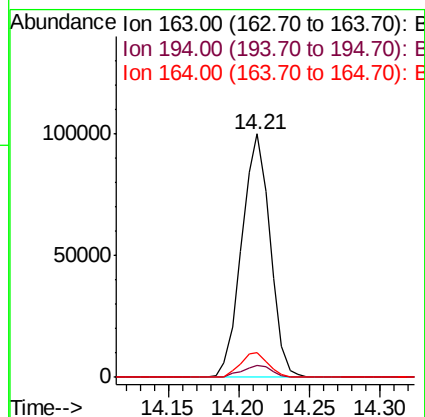
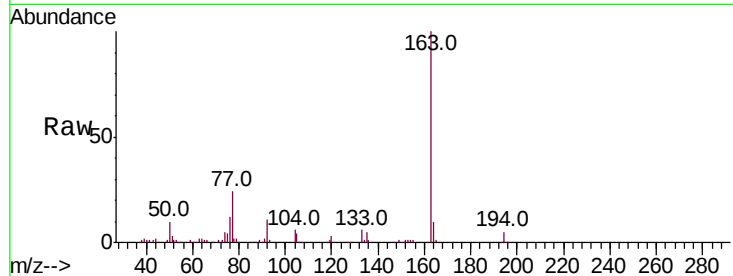
#50
Dimethylphthalate
Concen: 8.229 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.03 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01

Tot Ion	Ratio	Resp	Lower	Upper
163	100	140171		
194	4.7	3.8	5.8	
164	10.3	8.8	13.2	

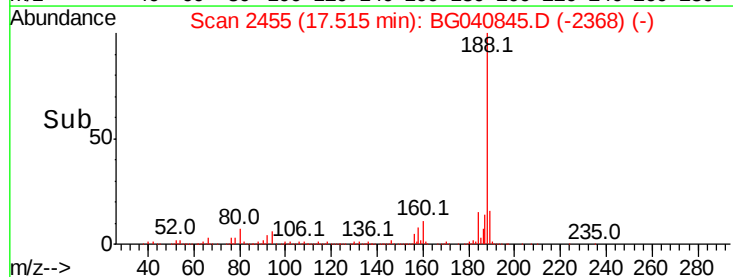
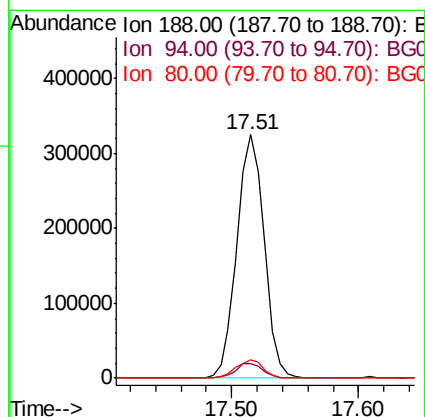
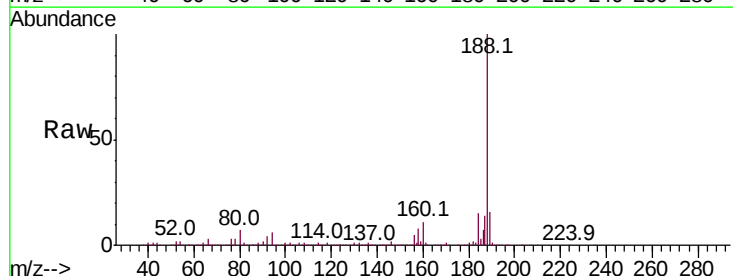
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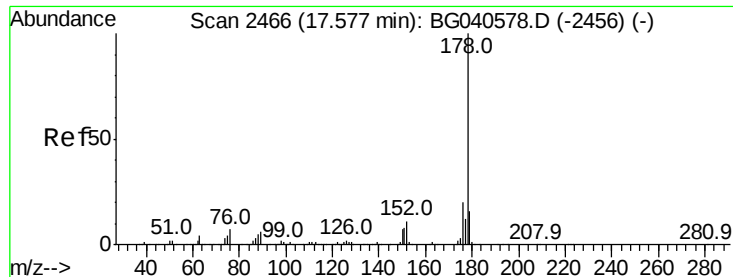
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	483738		
94	5.9	5.6	8.4	
80	7.4	6.4	9.6	





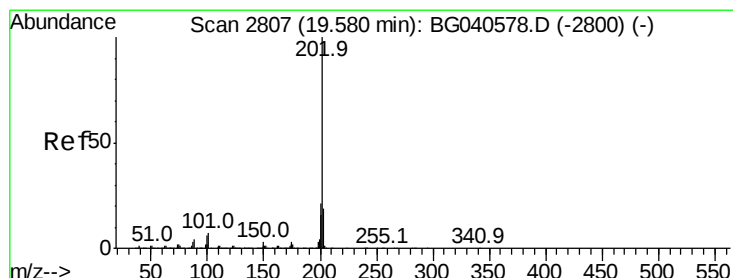
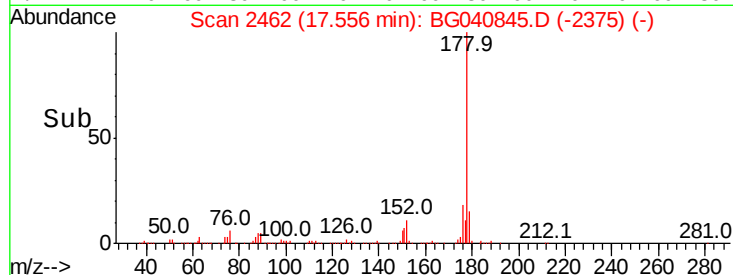
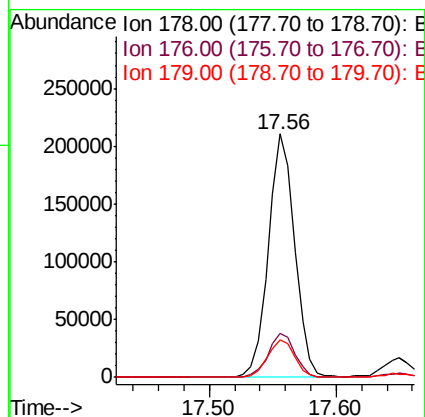
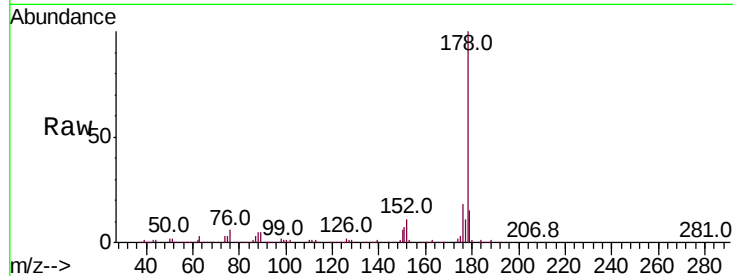
#71
Phenanthrene
Concen: 11.634 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.6
179	15.2	12.6	18.8

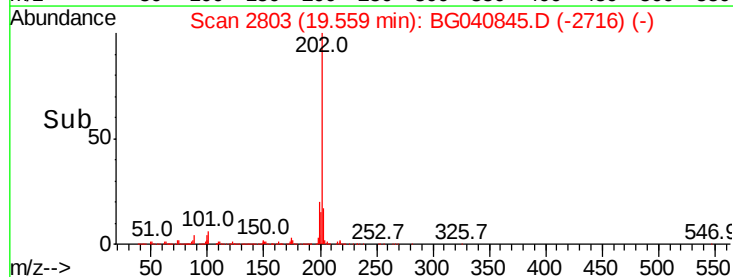
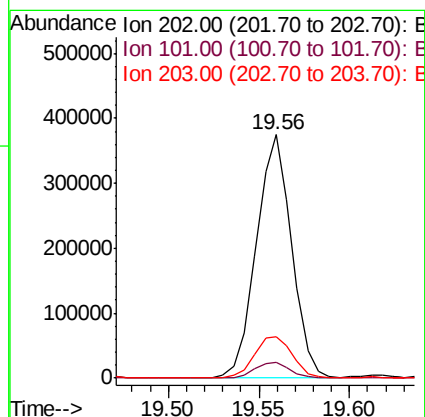
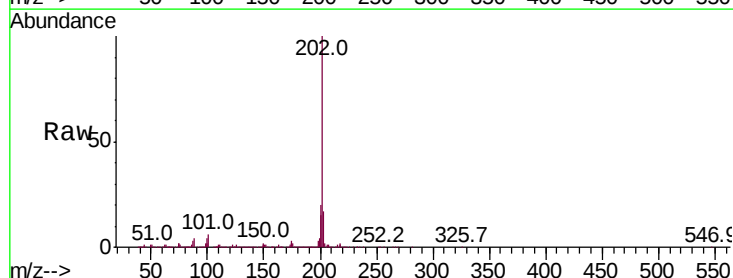
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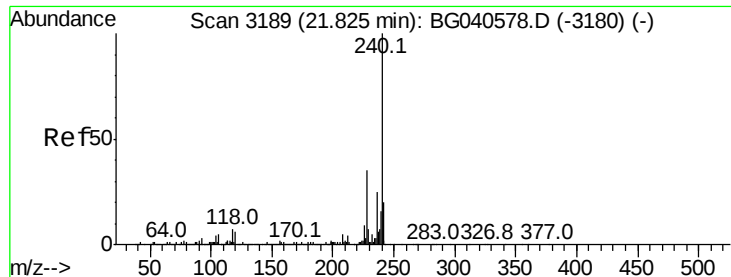
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#75
Fluoranthene
Concen: 15.597 ng
RT: 19.56 min Scan# 2803
Delta R.T. -0.02 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	27.5
203	17.2	0.0	39.3





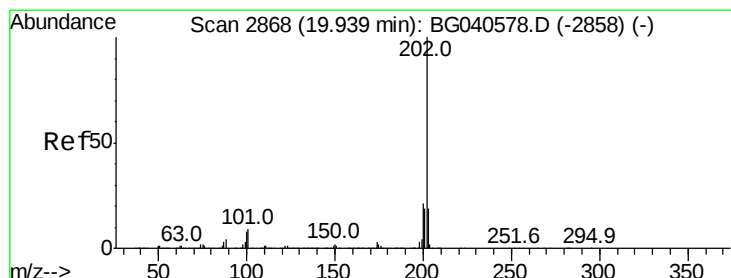
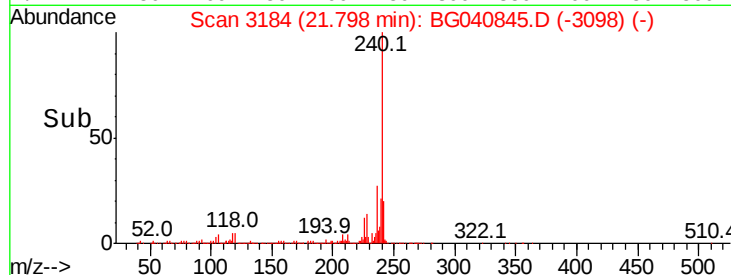
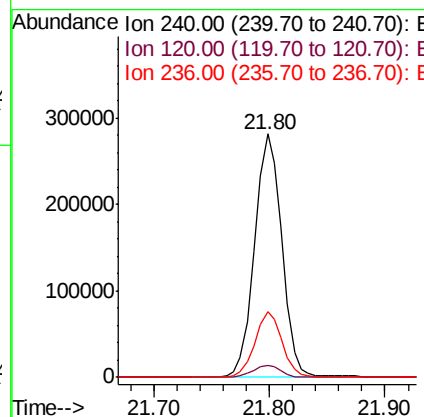
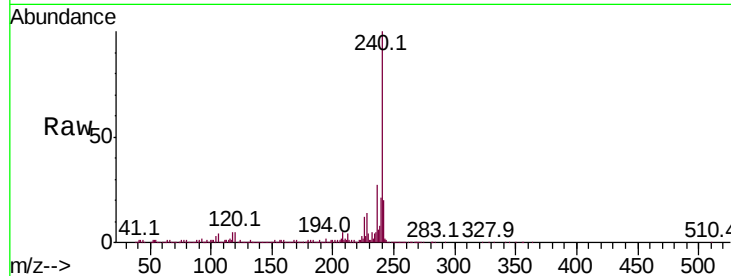
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.03 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.1	5.0	7.6
236	27.2	20.3	30.5

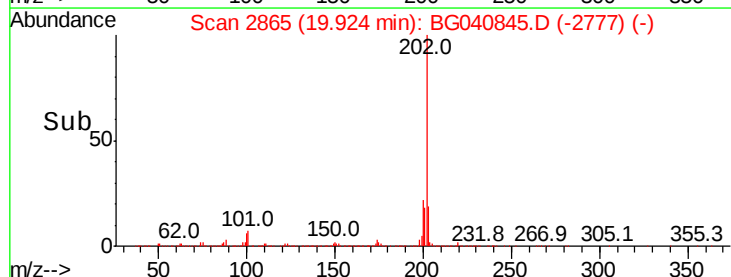
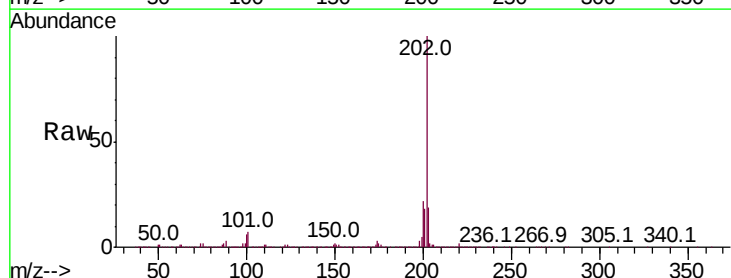
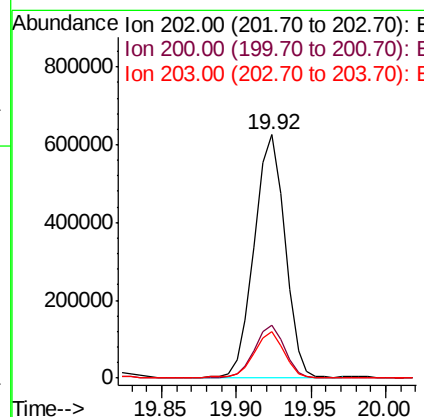
Manual Integrations
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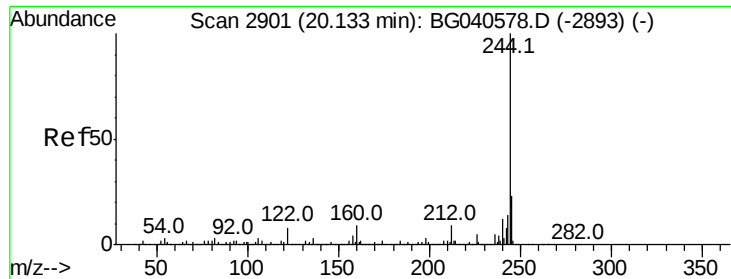
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#78
Pyrene
Concen: 30.651 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.02 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	19.0	15.0	22.4





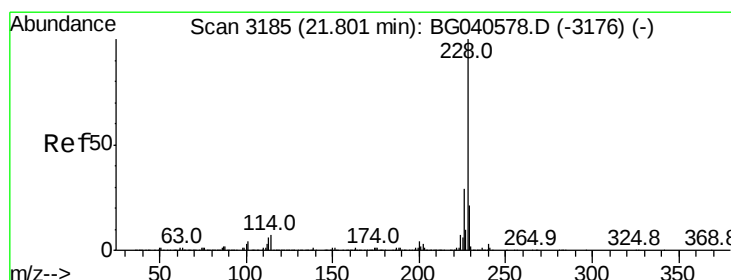
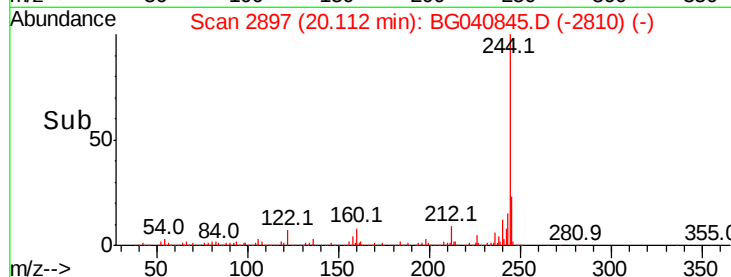
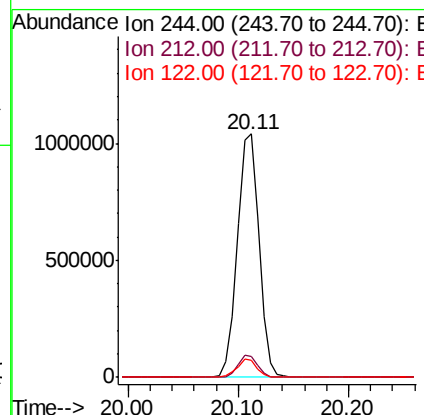
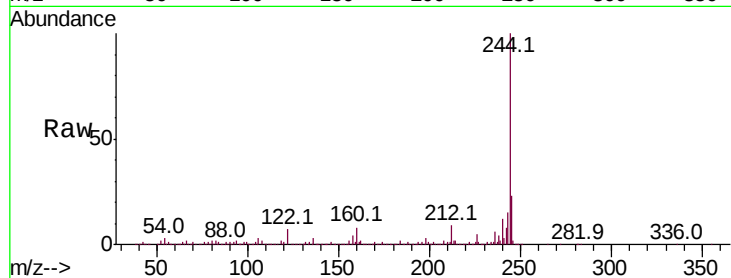
#79
 Terphenyl-d14
 Concen: 69.214 ng
 RT: 20.11 min Scan# 2897
 Delta R.T. -0.02 min
 Lab File: BG040845.D
 Acq: 10 May 2019 10:55

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	7.1	6.6	10.0

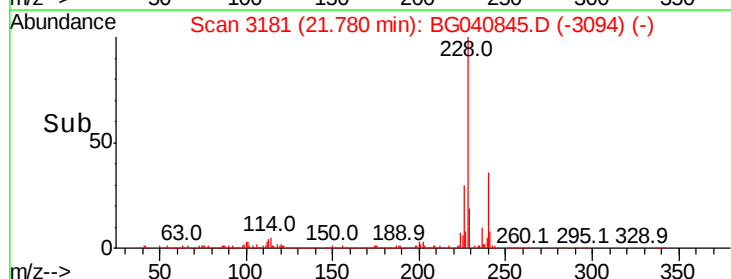
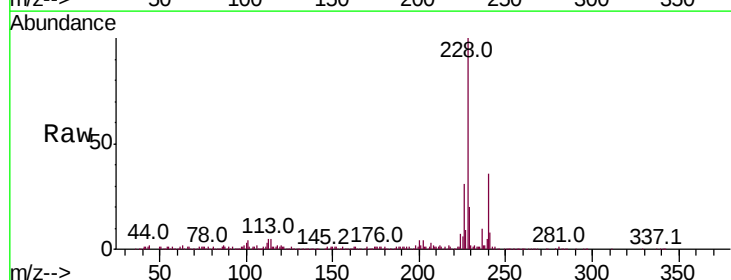
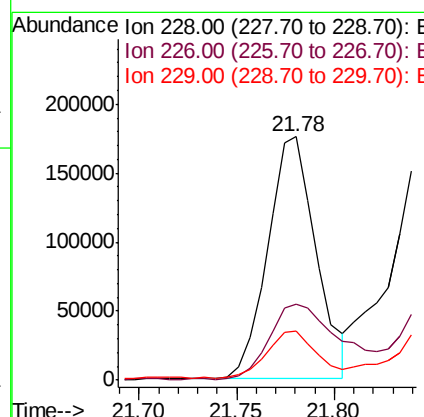
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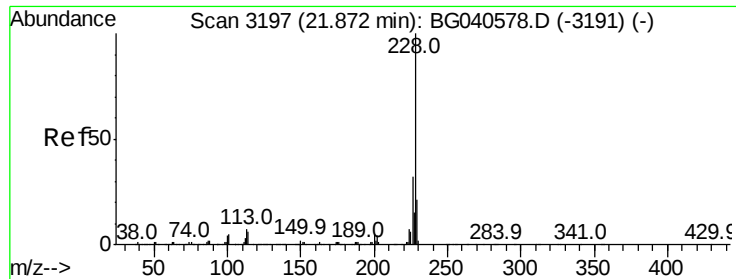
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#81
 Benzo(a)anthracene
 Concen: 10.345 ng
 RT: 21.78 min Scan# 3181
 Delta R.T. -0.02 min
 Lab File: BG040845.D
 Acq: 10 May 2019 10:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.1	34.7
229	20.2	17.0	25.4





#83

Chrysene

Concen: 13.503 ng

RT: 21.84 min Scan# 3192

Delta R.T. -0.03 min

Lab File: BG040845.D

Acq: 10 May 2019 10:55

Instrument :

BNA_G

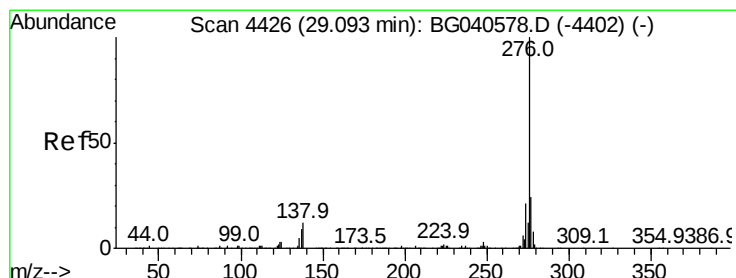
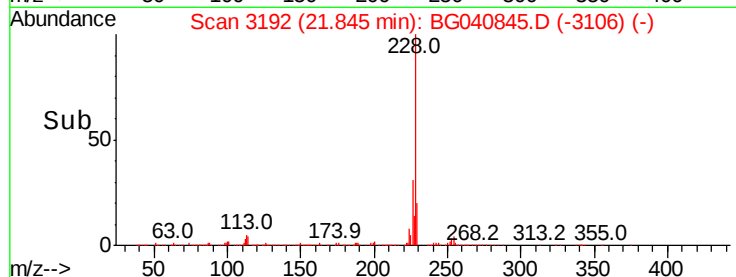
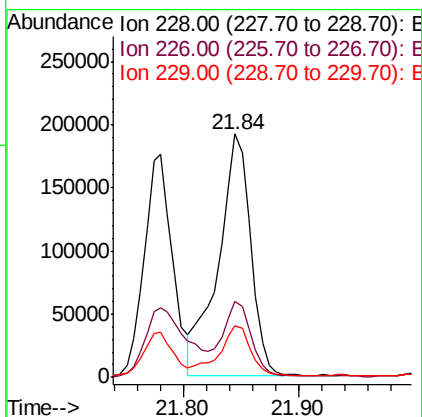
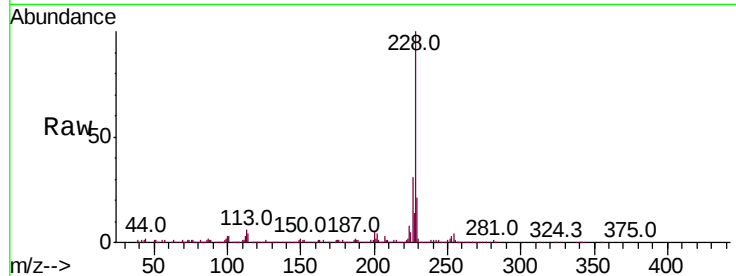
ClientSampleId :

P026-SS002-1218-01

Tot Ion:	228	Resp:	374902
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.5	38.3
229	21.4	16.8	25.2

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#86

Indeno(1,2,3-cd)pyrene

Concen: 4.954 ng

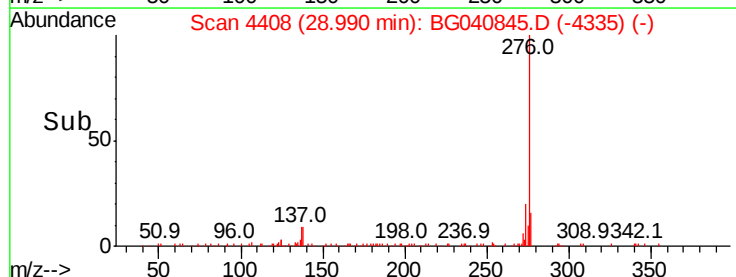
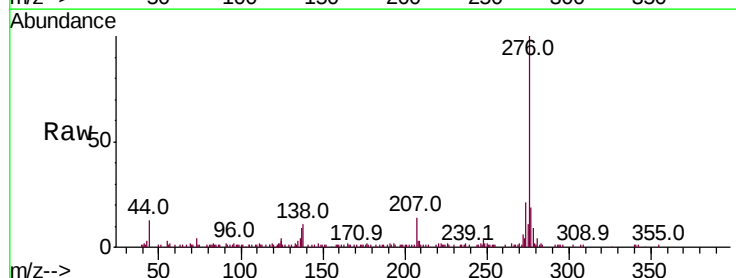
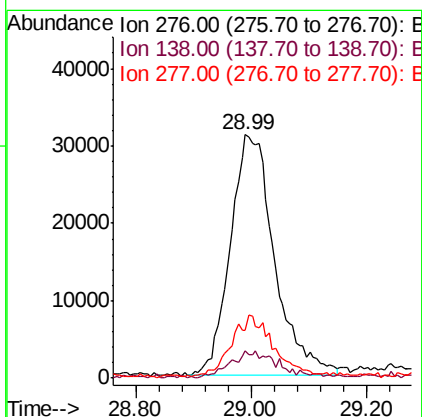
RT: 28.99 min Scan# 4408

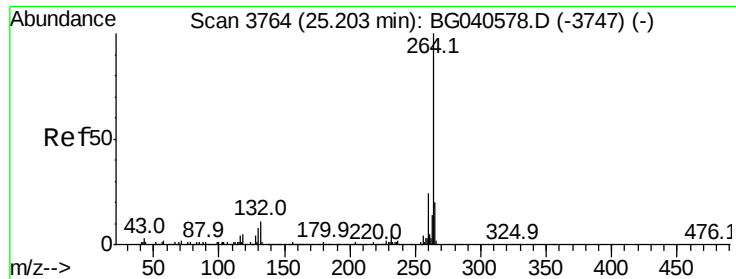
Delta R.T. -0.10 min

Lab File: BG040845.D

Acq: 10 May 2019 10:55

Tgt Ion:	276	Resp:	166317
Ion Ratio	Lower	Upper	
276	100		
138	11.2	9.8	14.6
277	23.6	17.3	25.9





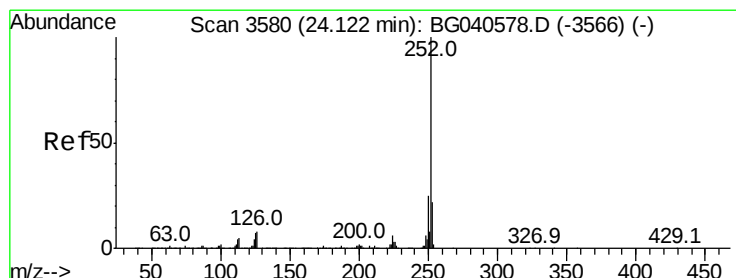
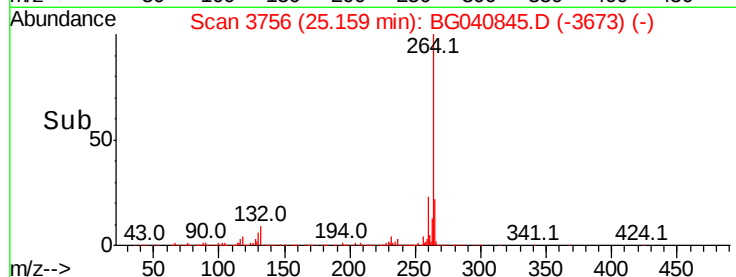
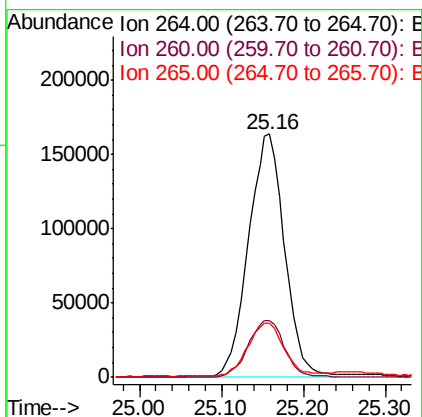
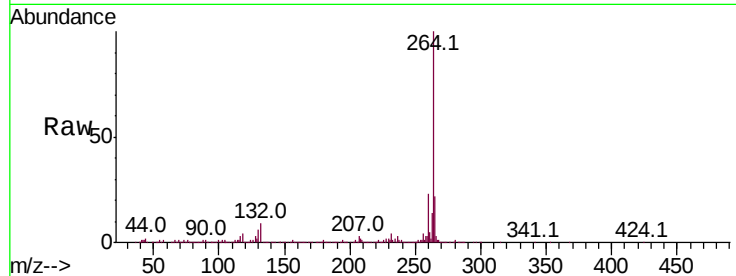
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3756
Delta R.T. -0.04 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.2	16.6	25.0

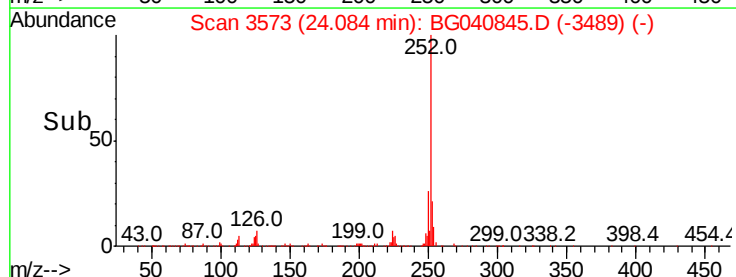
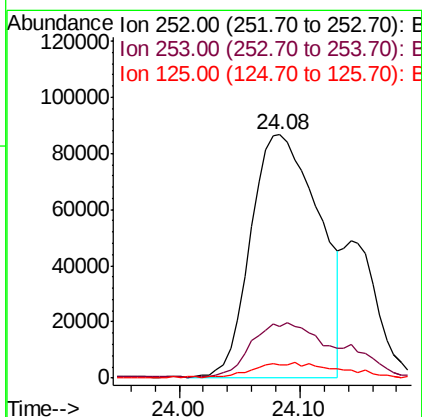
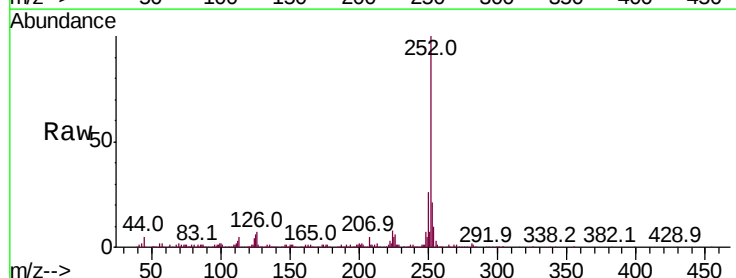
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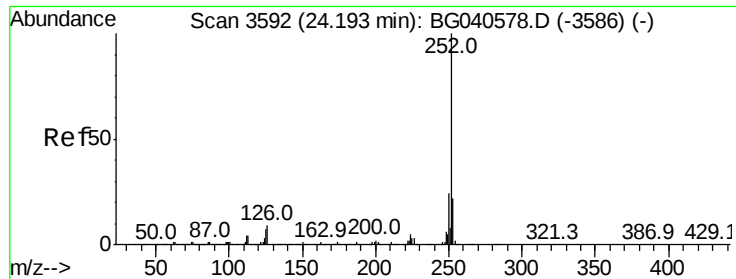
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#88
Benzo(b)fluoranthene
Concen: 11.070 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.6	26.4
125	5.7	5.4	8.0





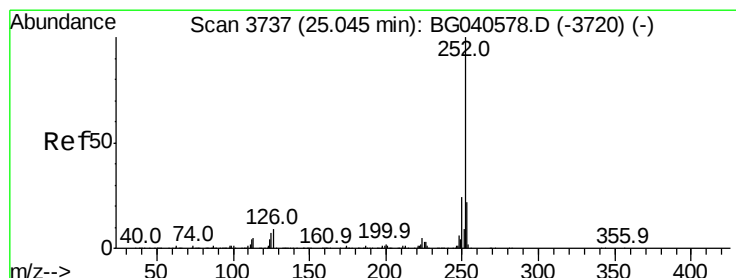
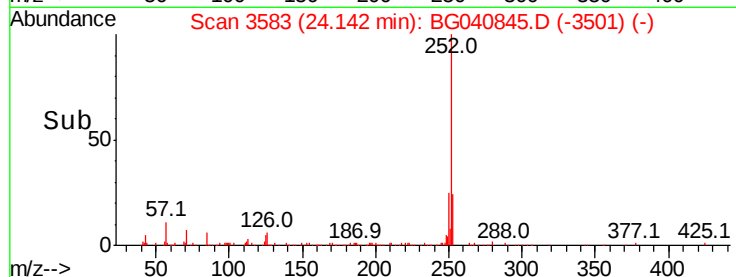
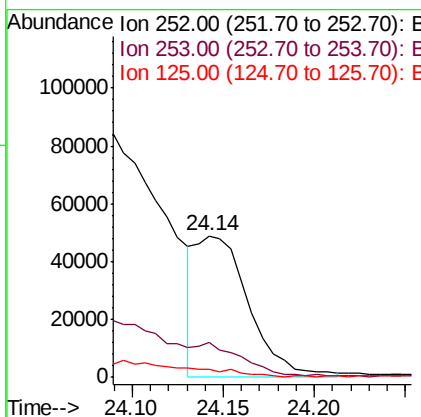
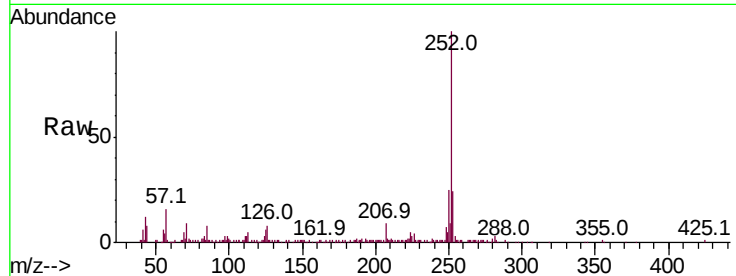
#89
Benzo(k)fluoranthene
Concen: 3.457 ng m
RT: 24.14 min Scan# 3583
Delta R.T. -0.05 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Instrument :
BNA_G
ClientSampleId :
P026-SS002-1218-01

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	5.8	5.5	8.3

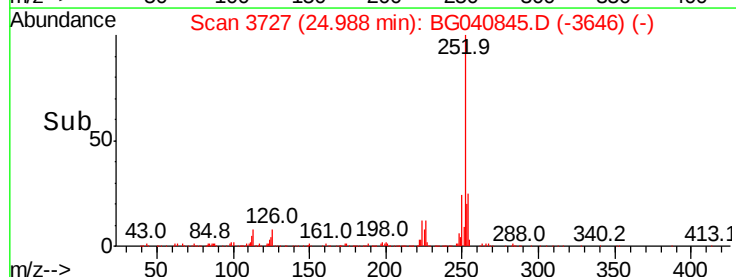
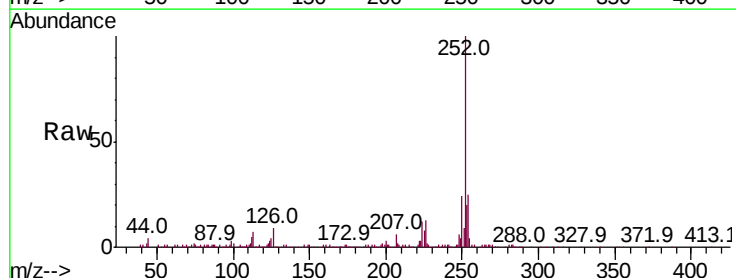
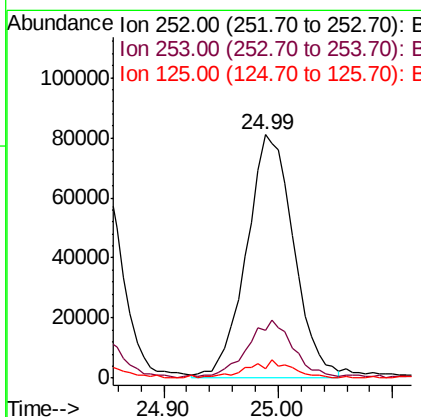
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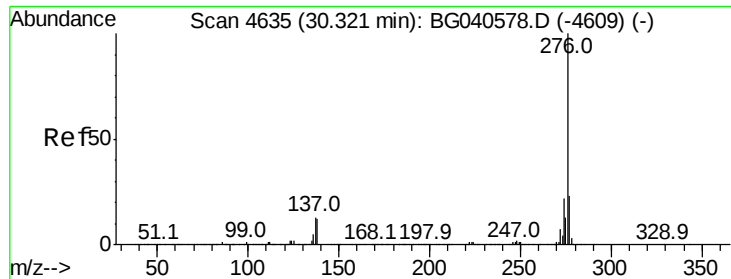
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#90
Benzo(a)pyrene
Concen: 8.013 ng m
RT: 24.99 min Scan# 3727
Delta R.T. -0.06 min
Lab File: BG040845.D
Acq: 10 May 2019 10:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.8	26.6
125	4.1	5.7	8.5#





#92
 Benzo(a,h,i)perylene
 Concen: 6.539 ng
 RT: 30.21 min Scan# 4615
 Delta R.T. -0.12 min
 Lab File: BG040845.D
 Acq: 10 May 2019 10:55

Instrument :
 BNA_G
 ClientSampleId :
 P026-SS002-1218-01

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	21.0	18.4	27.6
138	9.2	9.8	14.6

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