

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044504.D
 Acq On : 20 Feb 2020 00:39
 Operator : CG/JU
 Sample : L1547-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-02-A

Manual Integrations
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mohammad
 2/20/2020 3:11:41 PM

Quant Time: Feb 20 08:17:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	59573	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	237518	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	155827	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	376075	20.00	ng	-0.02
76) Chrysene-d12	21.52	240	380977	20.00	ng	-0.02
87) Perylene-d12	24.60	264	401388	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	407726	120.79	ng	-0.01
7) Phenol-d6	7.06	99	516509	113.95	ng	-0.01
23) Nitrobenzene-d5	9.04	82	309497	73.57	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	232619	127.16	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	716319	76.98	ng	-0.01
79) Terphenyl-d14	19.89	244	1201796	64.88	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.99	163	26511	2.367	ng	Qvalue # 97
71) Phenanthrene	17.32	178	211532	11.616	ng	96
72) Anthracene	17.41	178	40839	2.268	ng	95
75) Fluoranthene	19.33	202	332625	15.789	ng	97
78) Pyrene	19.69	202	329887	13.483	ng	94
81) Benzo(a)anthracene	21.50	228	164620	7.011	ng	96
83) Chrysene	21.56	228	154308	6.799	ng	94
86) Indeno(1,2,3-cd)pyrene	28.07	276	100321	3.388	ng	95
88) Benzo(b)fluoranthene	23.62	252	203972	8.819	ng	98
89) Benzo(k)fluoranthene	23.68	252	61455m	2.726	ng	
90) Benzo(a)pyrene	24.44	252	149249	6.825	ng	98
92) Benzo(a,h,i)perylene	29.15	276	106204	4.902	ng	97

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

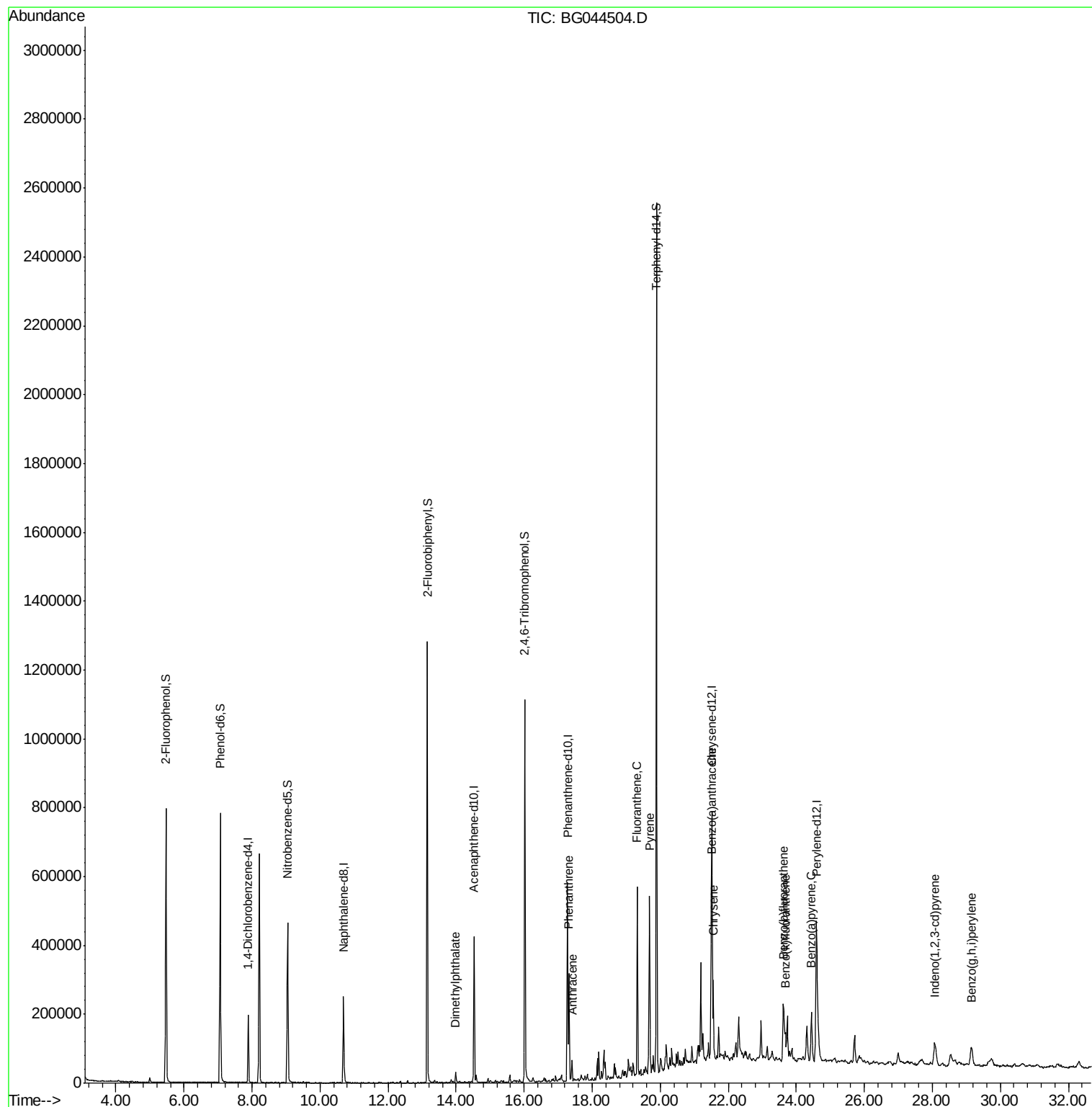
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
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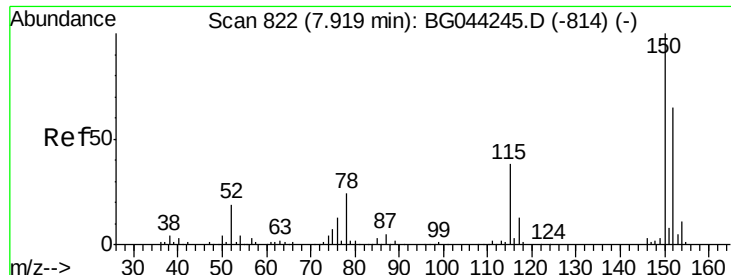
Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-A

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Quant Time: Feb 20 08:17:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

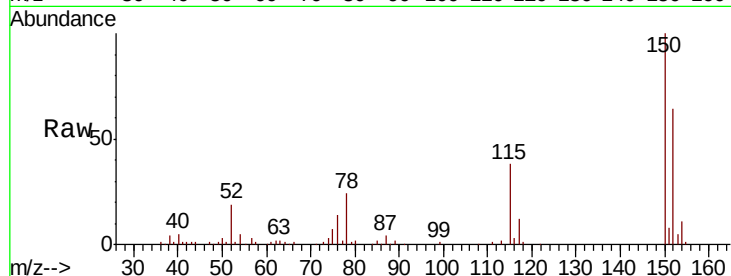
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.6	183.8
115	58.7	46.0	69.0

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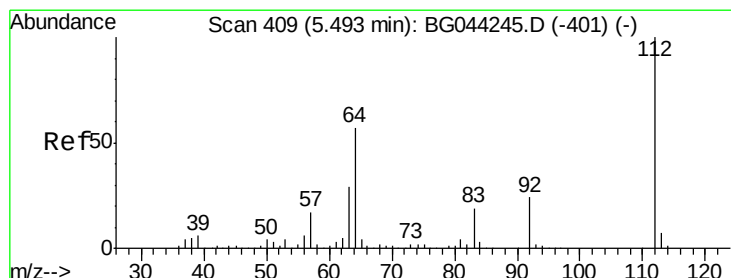
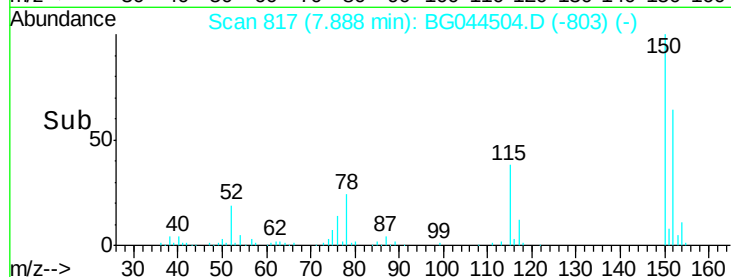
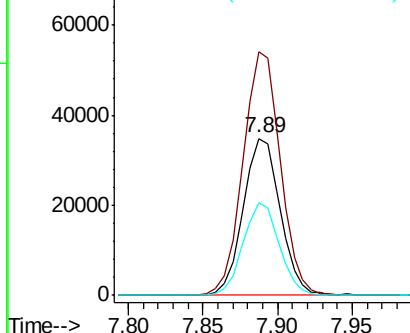


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

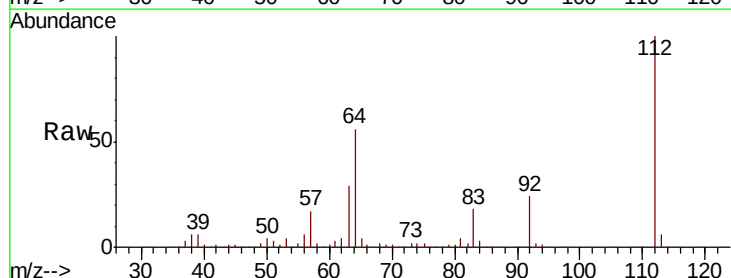
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.788 ng
RT: 5.47 min Scan# 405
Delta R.T. -0.01 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.4	68.2
63	28.8	22.9	34.3

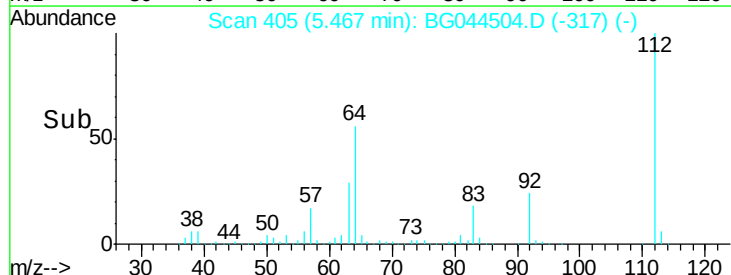
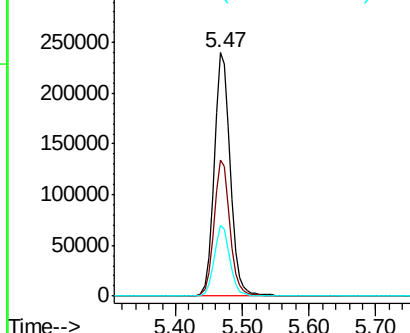


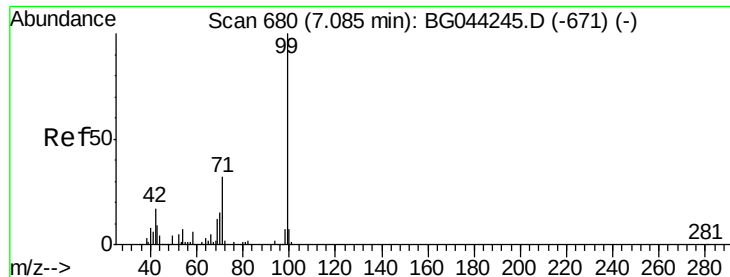
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 113.948 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044504.D

Acq: 20 Feb 2020 00:39

Instrument :

BNA_G

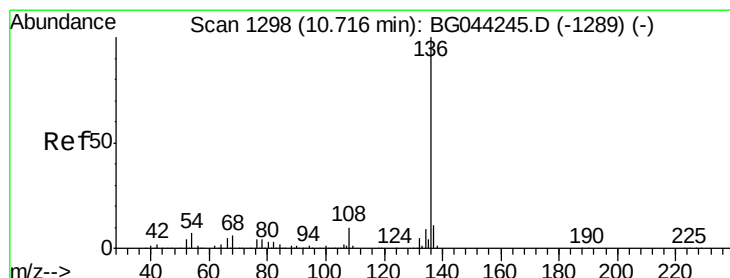
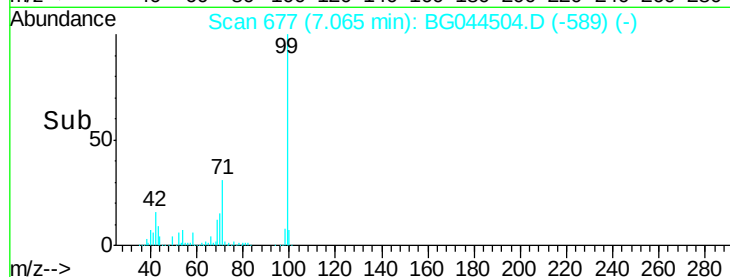
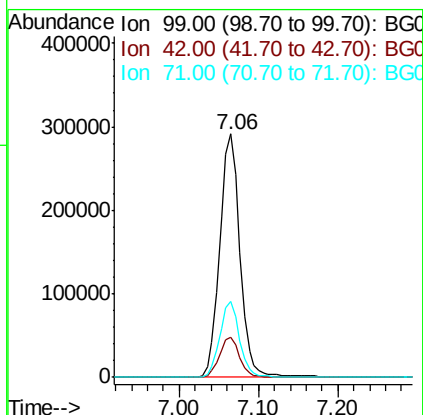
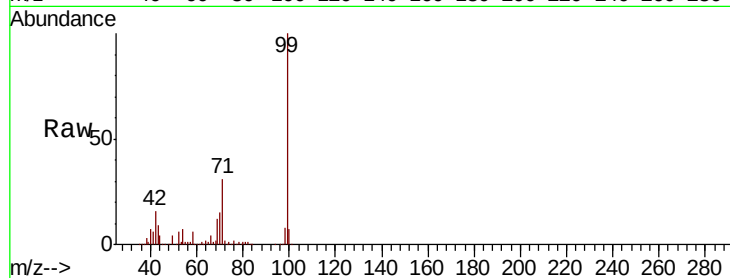
ClientSampleId :

MARCY-GREEN-BH-02-A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		516509		
42	16.4	13.8	20.6		
71	31.0	25.5	38.3		

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#21

Naphthalene-d8

Concen: 20.000 ng

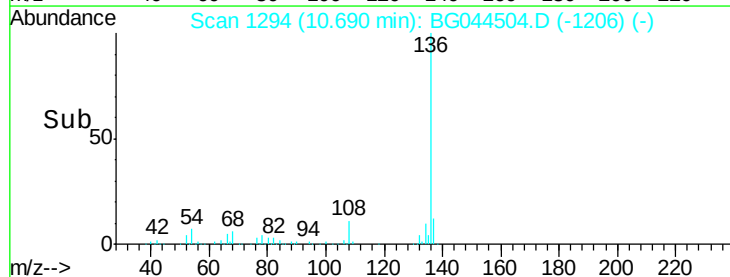
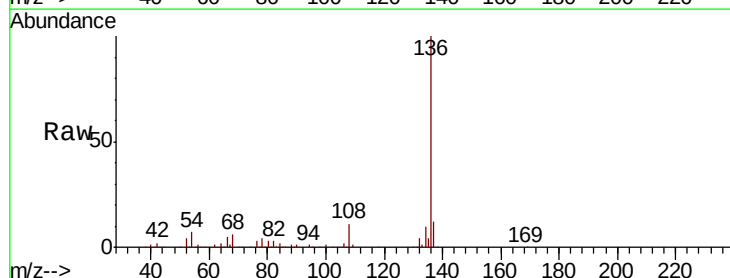
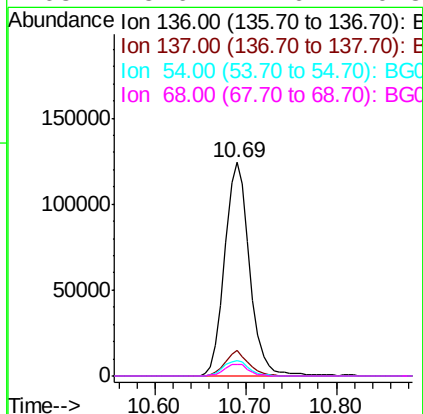
RT: 10.69 min Scan# 1294

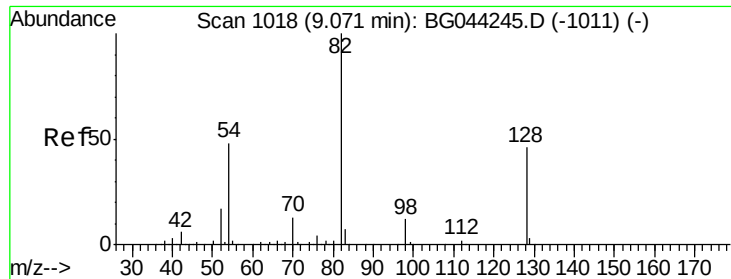
Delta R.T. -0.01 min

Lab File: BG044504.D

Acq: 20 Feb 2020 00:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		237518		
137	11.8	8.8	13.2		
54	7.0	5.8	8.8		
68	5.6	4.6	6.8		





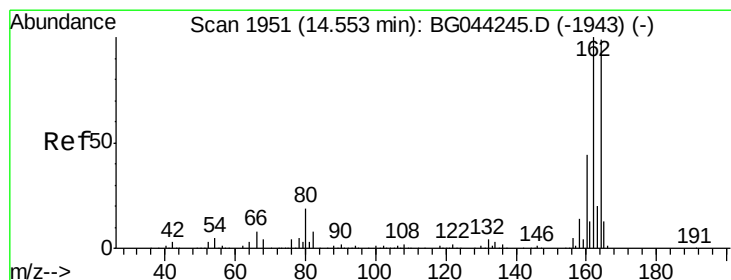
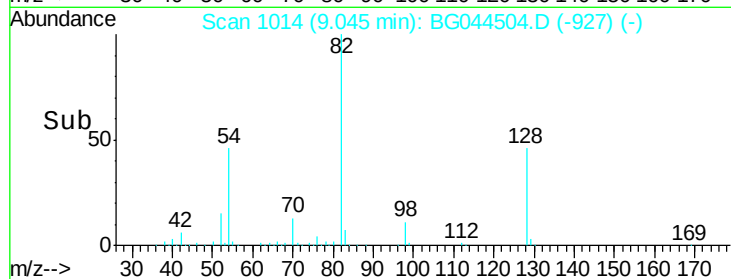
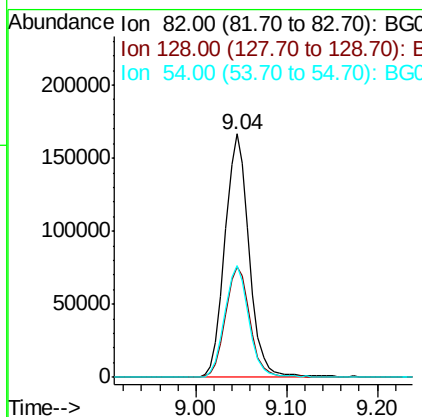
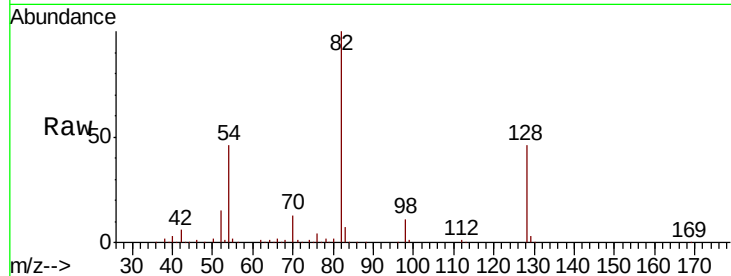
#23
Nitrobenzene-d5
Concen: 73.565 ng
RT: 9.04 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-A

Tot Ion	82	Resp	309497
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.5	54.7
54	45.8	38.6	58.0

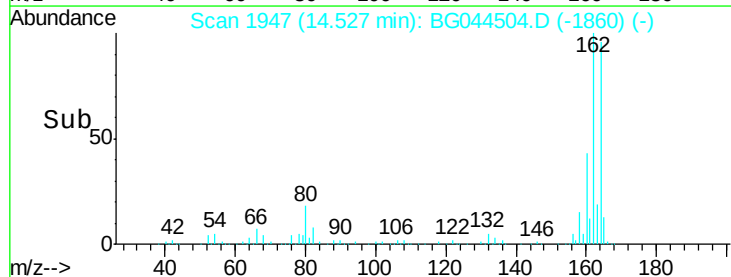
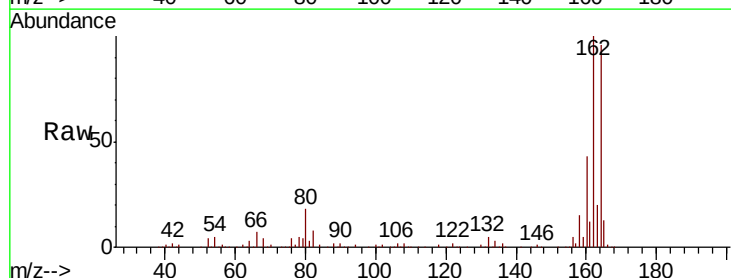
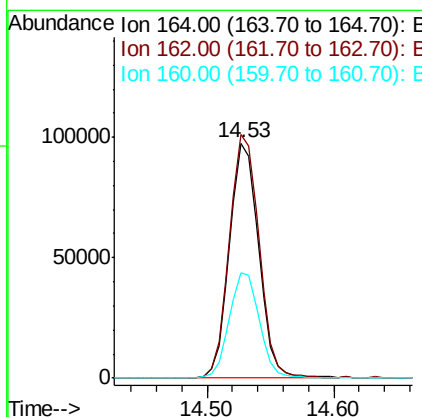
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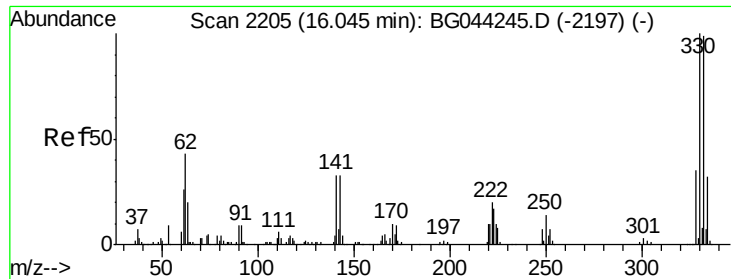
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Tgt Ion	164	Resp	155827
Ion Ratio	Lower	Upper	
164	100		
162	103.6	80.7	121.1
160	44.9	35.3	52.9





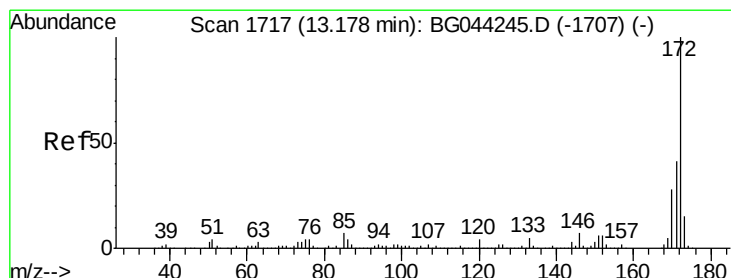
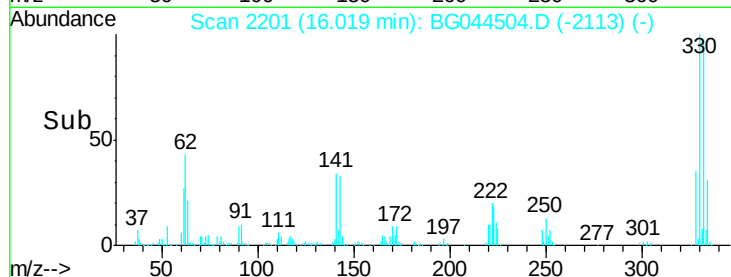
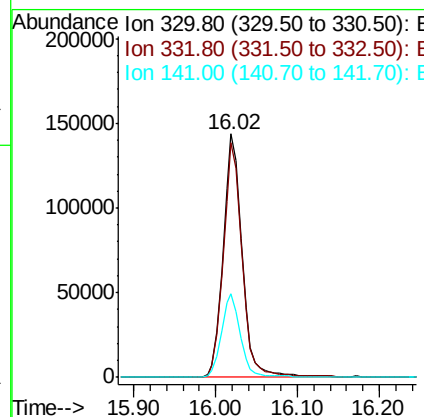
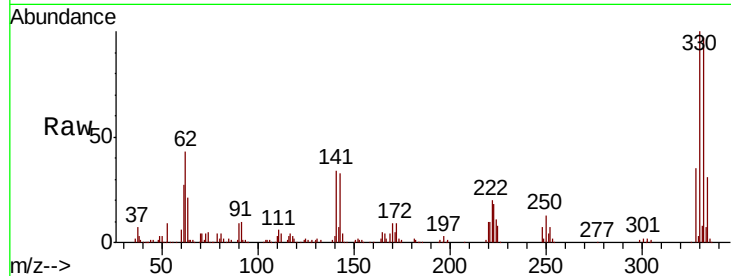
#42
 2,4,6-Tribromophenol
 Concen: 127.161 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG044504.D
 Acq: 20 Feb 2020 00:39

Instrument :
 BNA_G
 ClientSampleId :
 MARCY-GREEN-BH-02-A

Tot Ion	Ratio	Resp	Lower	Upper
330	100	232619		
332	95.2		77.2	115.8
141	34.8		28.3	42.5

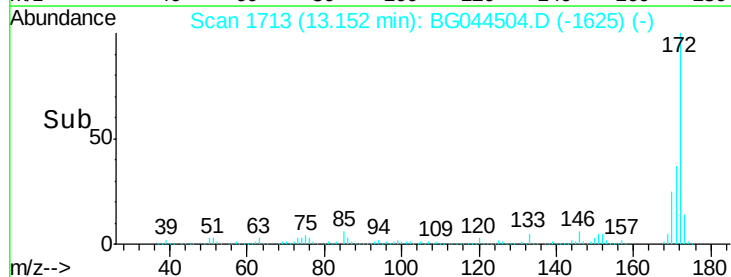
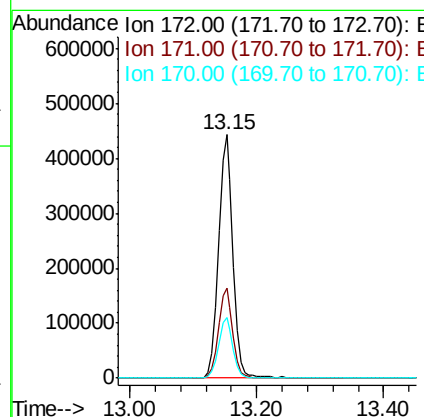
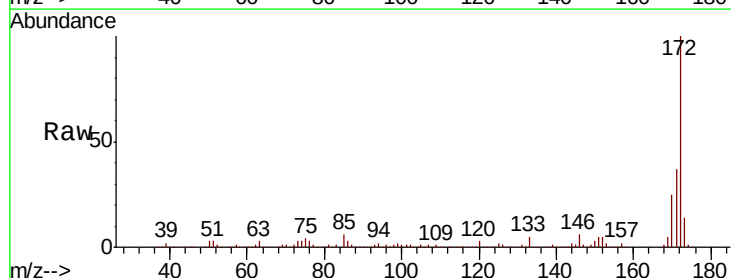
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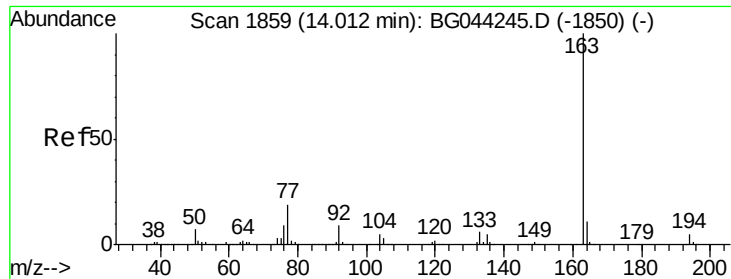
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#45
 2-Fluorobiphenyl
 Concen: 76.977 ng
 RT: 13.15 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG044504.D
 Acq: 20 Feb 2020 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	716319		
171	37.1		32.9	49.3
170	24.9		22.0	33.0





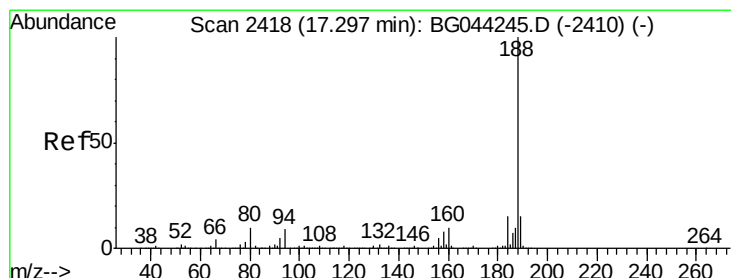
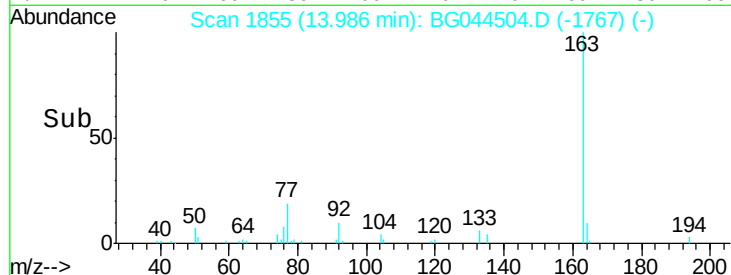
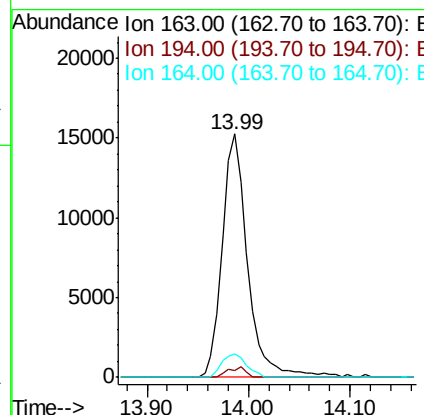
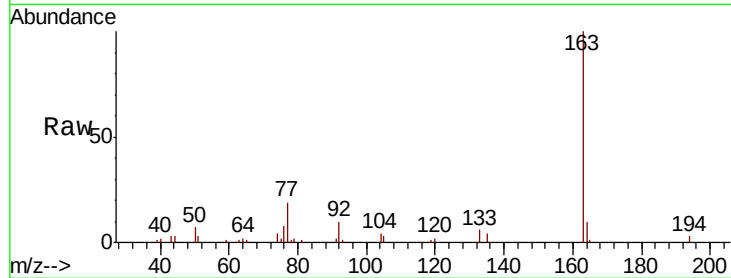
#50
Dimethylphthalate
Concen: 2.367 ng
RT: 13.99 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-A

Tot Ion	Ratio	Resp	Lower	Upper
163	100	26511		
194	3.1	3.6	5.4#	
164	9.8	8.7	13.1	

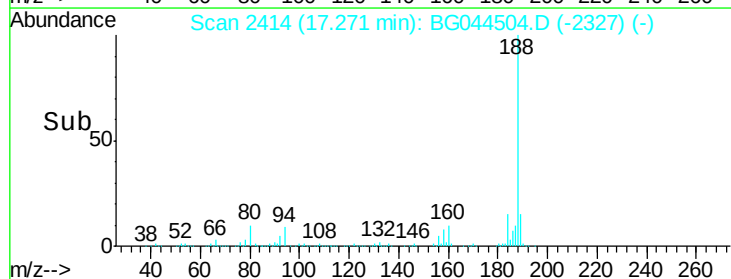
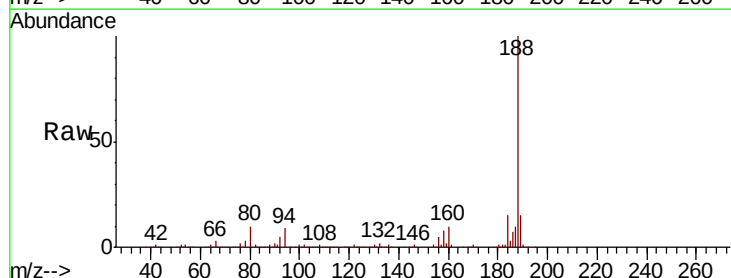
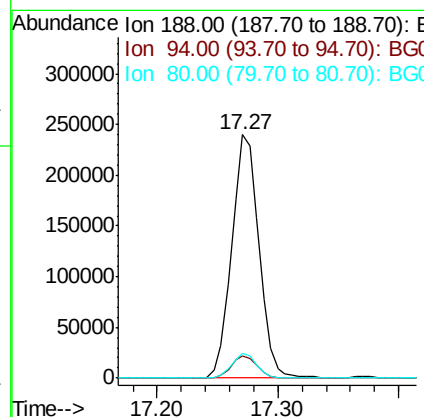
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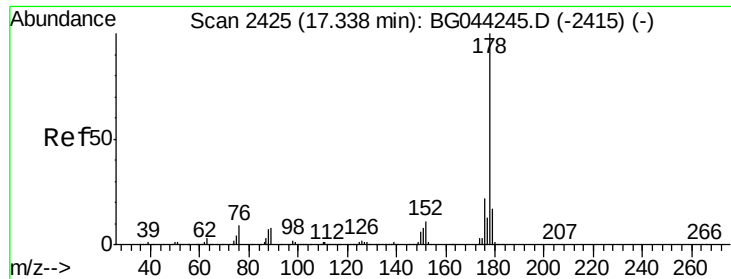
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.27 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	376075		
94	9.2	7.4	11.2	
80	10.1	7.7	11.5	





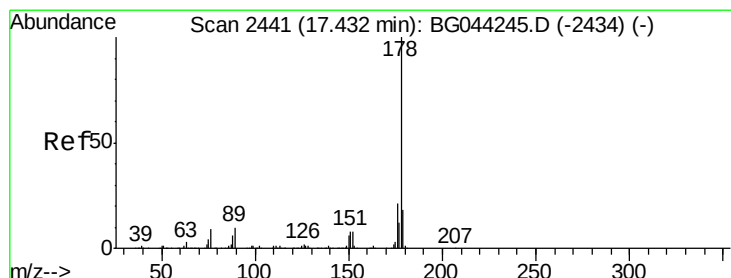
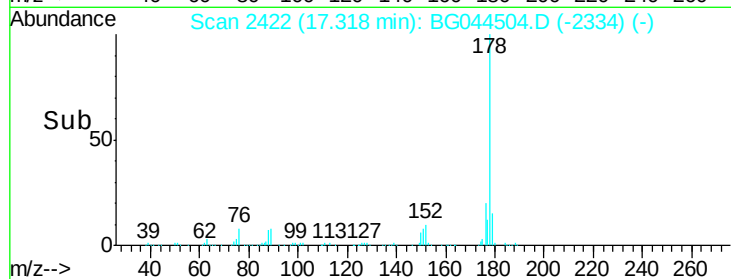
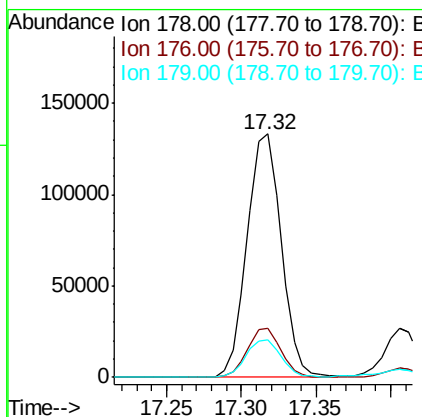
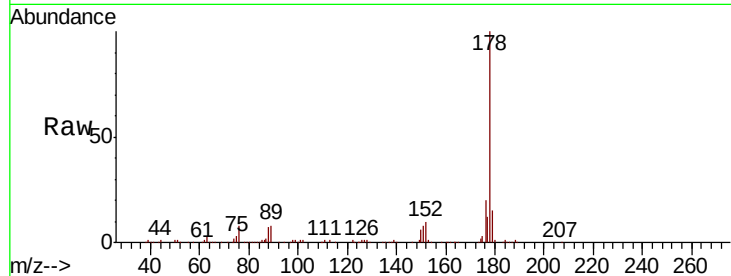
#71
Phenanthrene
Concen: 11.616 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	17.7	26.5
179	15.3	13.7	20.5

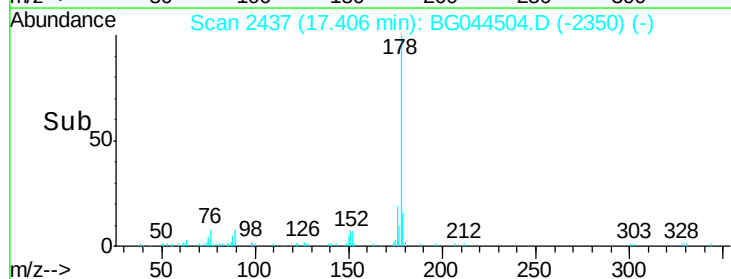
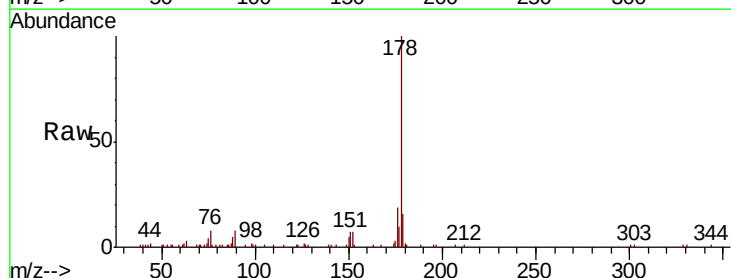
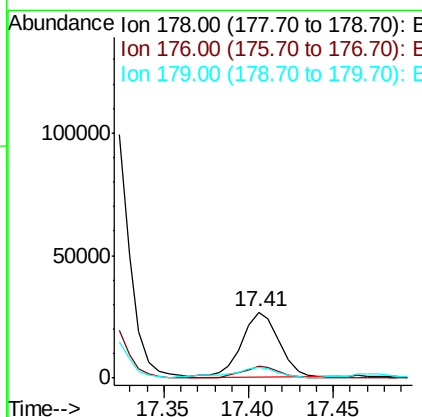
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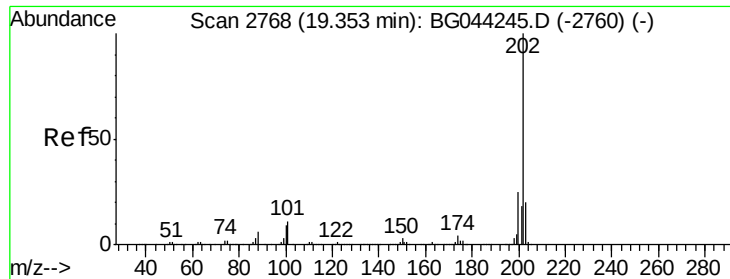
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#72
Anthracene
Concen: 2.268 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.02 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	17.0	25.4
179	15.6	14.4	21.6





#75

Fluoranthene

Concen: 15.789 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044504.D

Acq: 20 Feb 2020 00:39

Instrument :

BNA_G

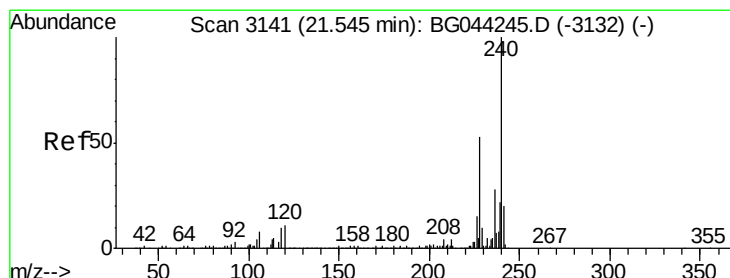
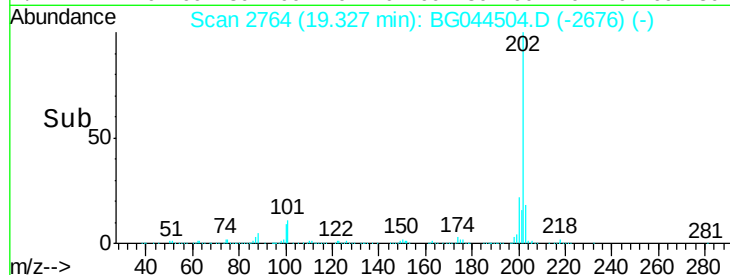
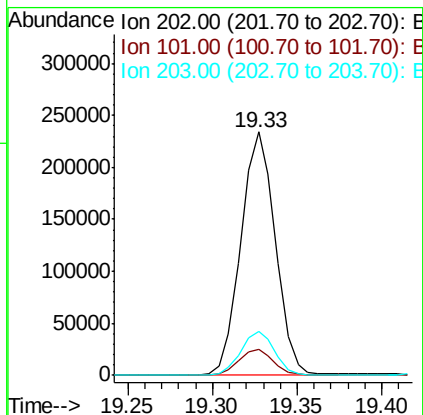
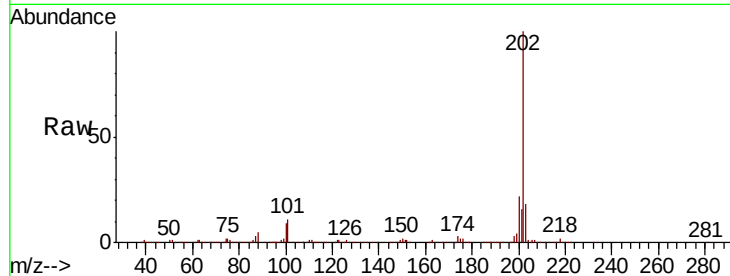
ClientSampleId :

MARCY-GREEN-BH-02-A

Tot Ion	Ratio	Resp	Lower	Upper
202	100	332625		
101	10.6	0.0	31.3	
203	17.9	0.0	39.9	

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

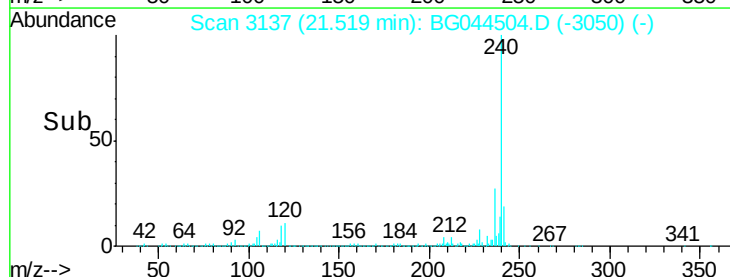
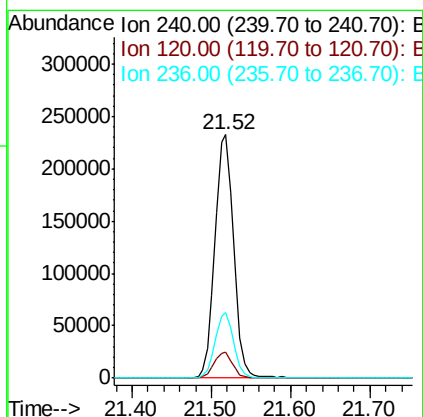
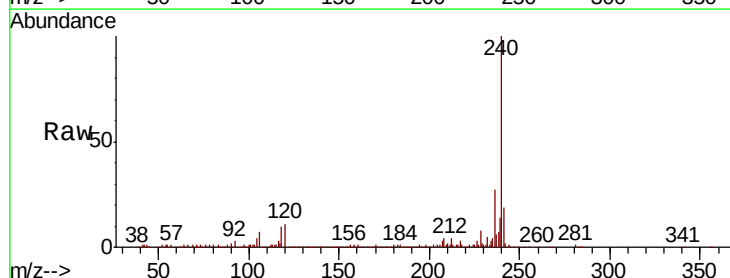
RT: 21.52 min Scan# 3137

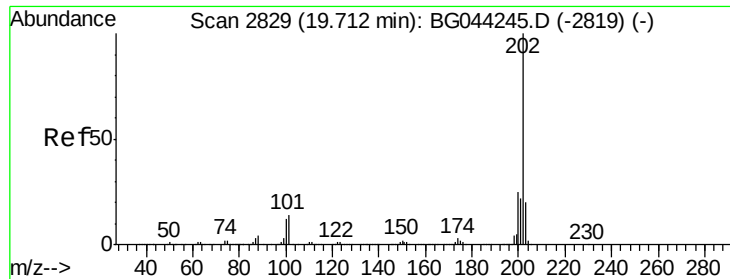
Delta R.T. -0.02 min

Lab File: BG044504.D

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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	380977		
120	10.9	8.4	12.6	
236	27.1	22.1	33.1	





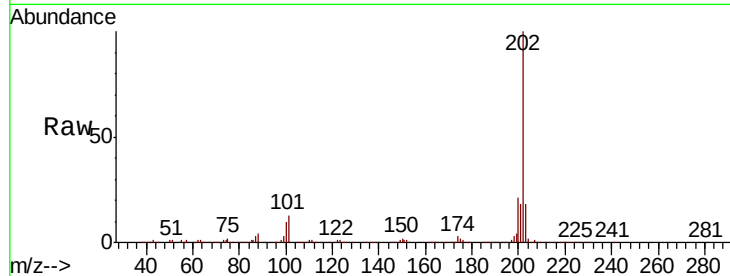
#78
Pvrene
Concen: 13.483 ng
RT: 19.69 min Scan# 2825
Delta R.T. -0.02 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-A

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	20.0	30.0
203	18.3	16.2	24.2

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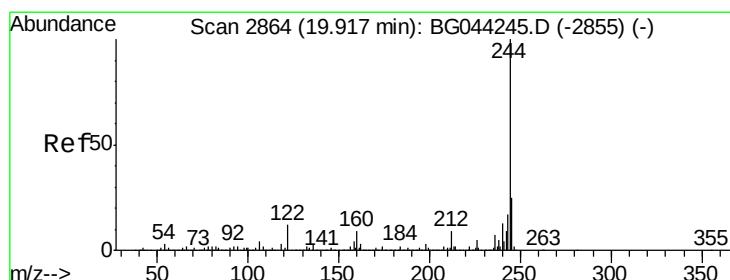
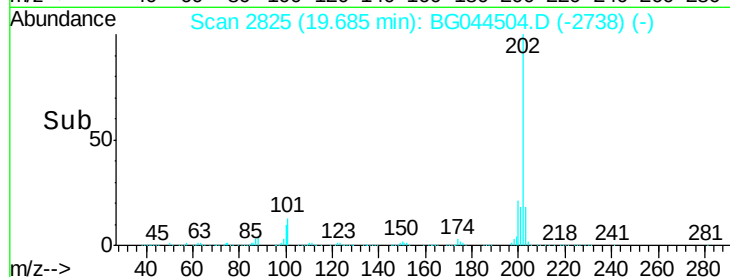
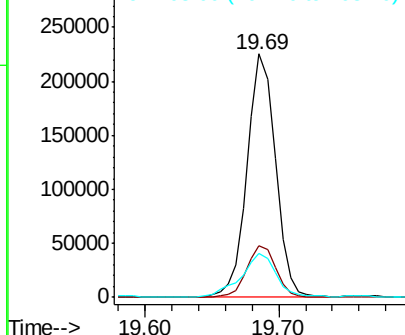


Abundance

Ion 202.00 (201.70 to 202.70): E

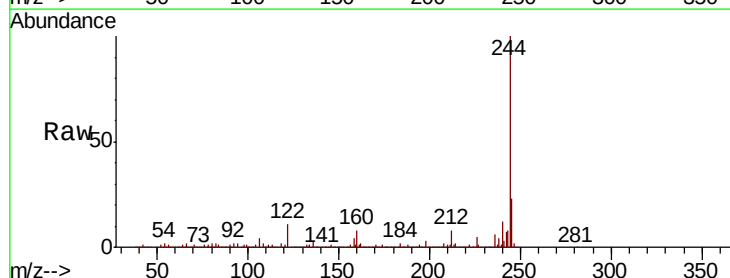
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 64.884 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.4	11.2
122	10.9	9.8	14.6

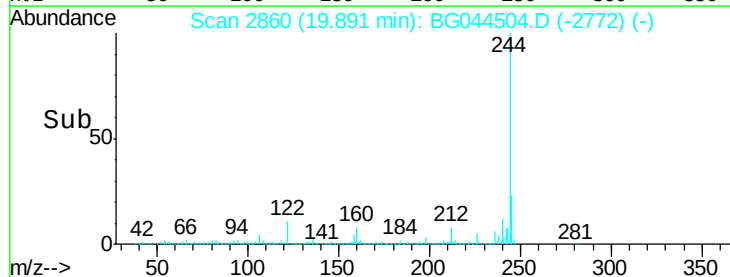
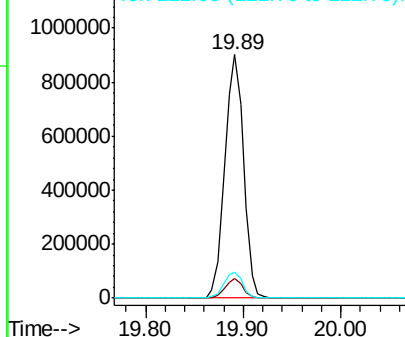


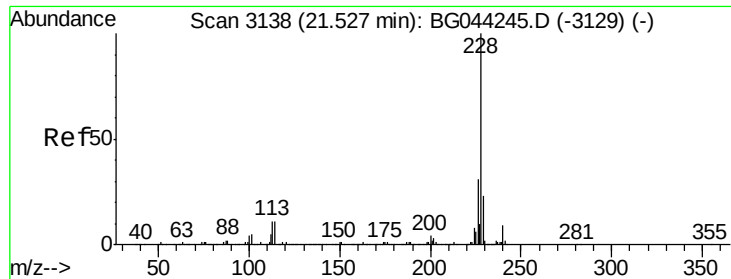
Abundance

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





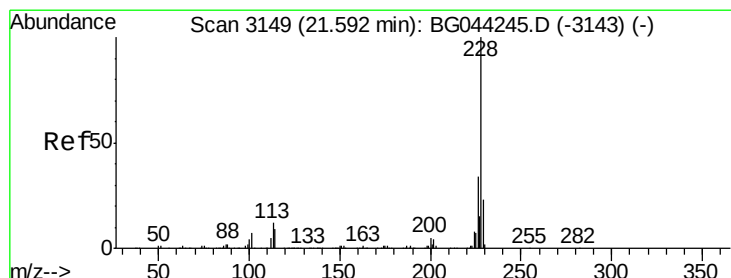
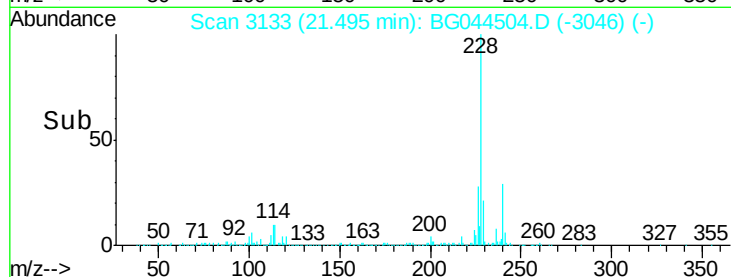
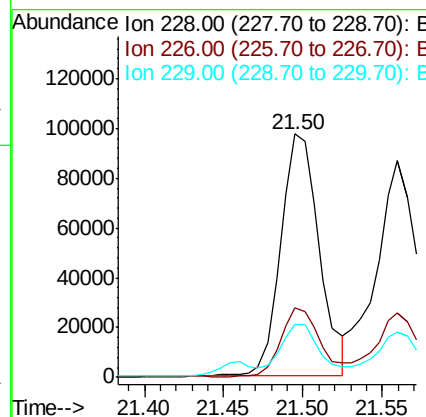
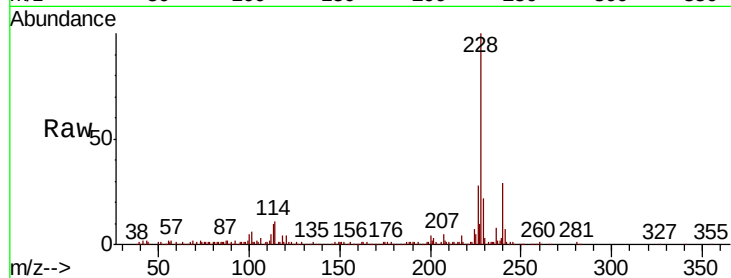
#81
Benzo(a)anthracene
Concen: 7.011 ng
RT: 21.50 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.7	37.1
229	21.8	18.2	27.4

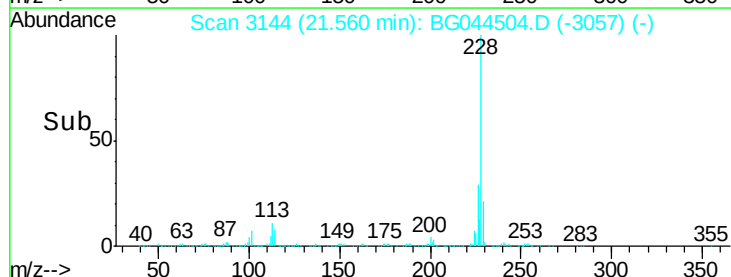
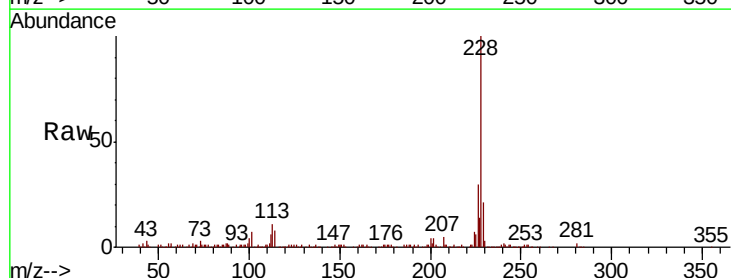
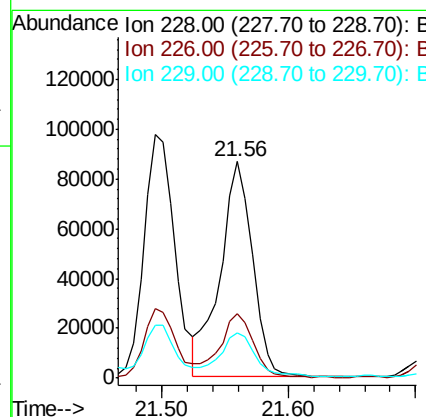
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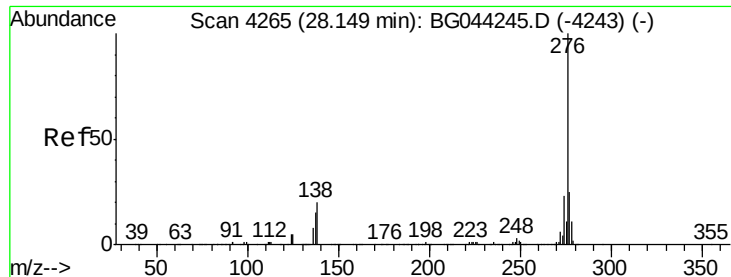
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#83
Chrysene
Concen: 6.799 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	27.1	40.7
229	21.1	17.9	26.9





#86

Indeno(1,2,3-cd)pyrene

Concen: 3.388 ng

RT: 28.07 min Scan# 4252

Delta R.T. -0.05 min

Lab File: BG044504.D

Acq: 20 Feb 2020 00:39

Instrument :

BNA_G

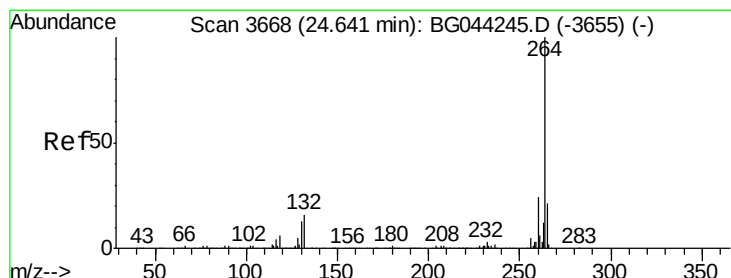
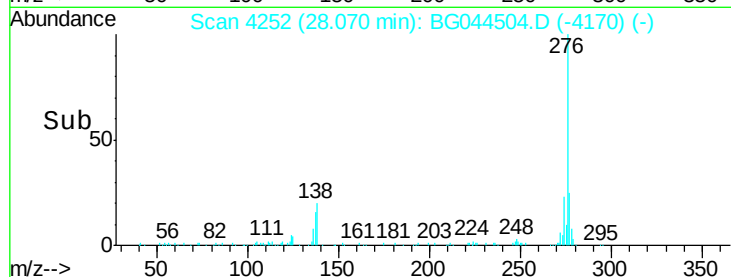
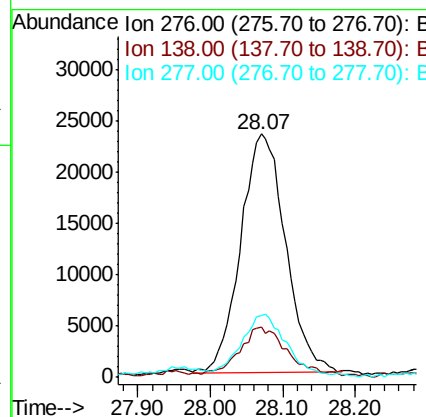
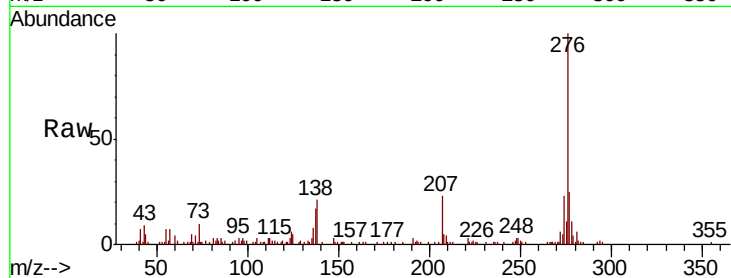
ClientSampleId :

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Tot Ion:	276	Resp:	100321
Ion Ratio		Lower	Upper
276	100		
138	20.0	19.4	29.0
277	27.6	21.0	31.6

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#87

Perylene-d12

Concen: 20.000 ng

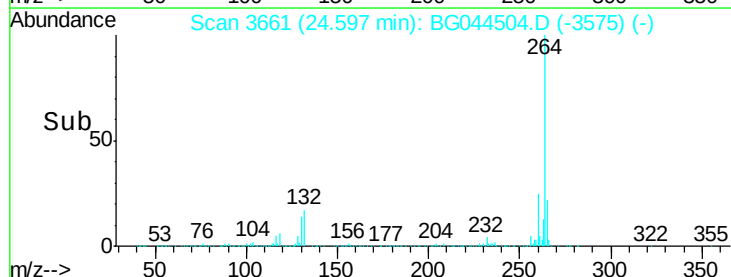
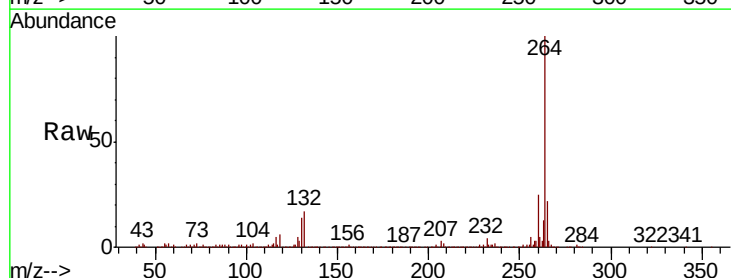
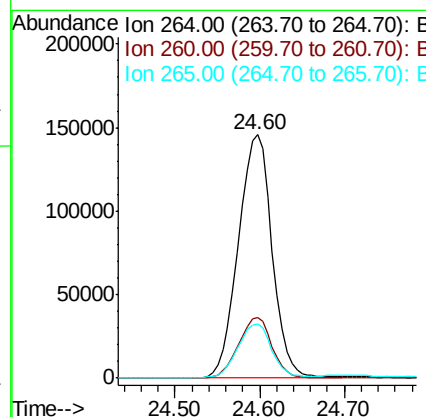
RT: 24.60 min Scan# 3661

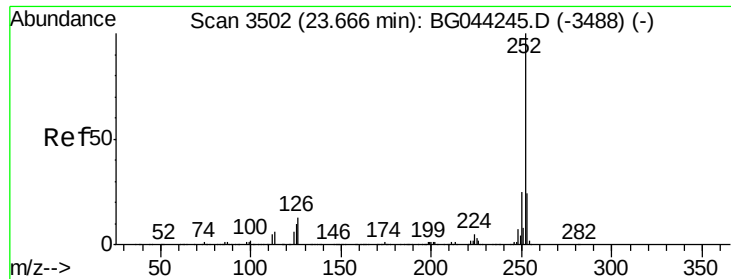
Delta R.T. -0.02 min

Lab File: BG044504.D

Acq: 20 Feb 2020 00:39

Tgt Ion:	264	Resp:	401388
Ion Ratio		Lower	Upper
264	100		
260	24.9	19.4	29.2
265	22.2	16.7	25.1





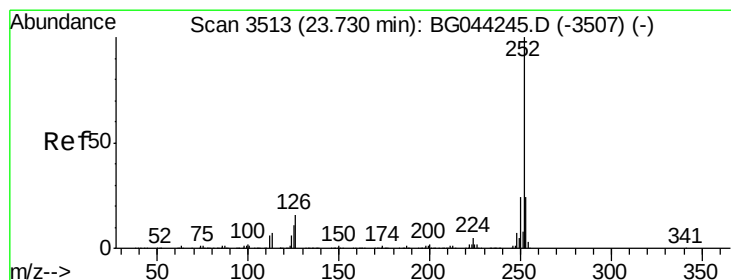
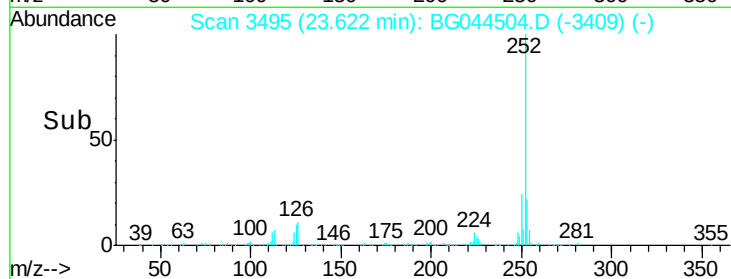
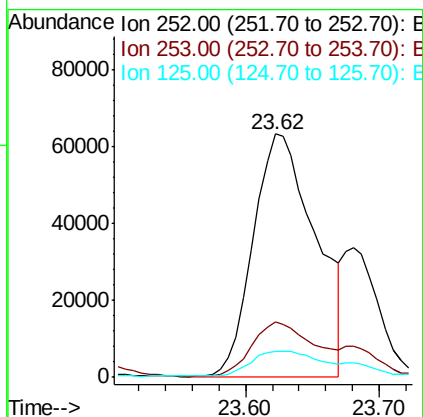
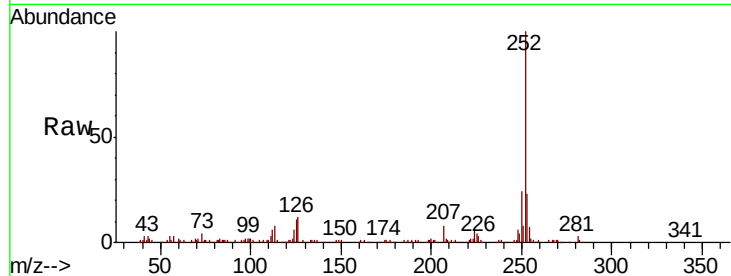
#88
Benzo(b)fluoranthene
Concen: 8.819 ng
RT: 23.62 min Scan# 3495
Delta R.T. -0.02 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.2	28.8
125	10.6	8.4	12.6

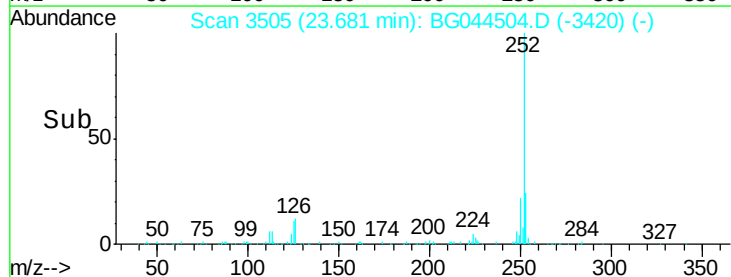
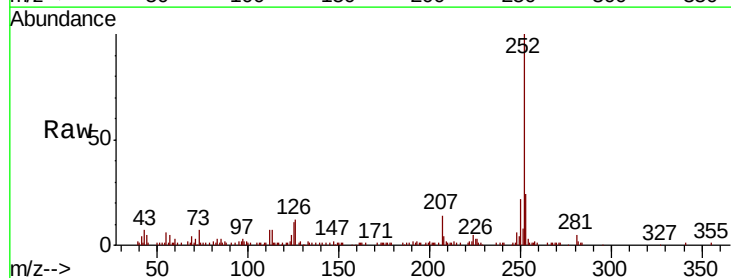
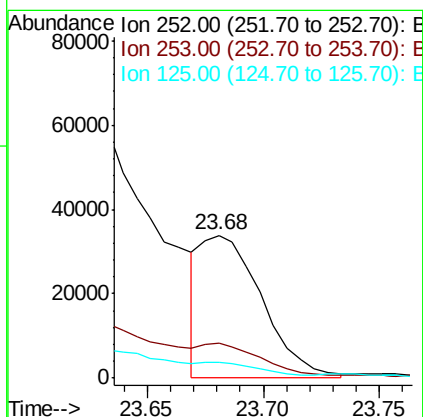
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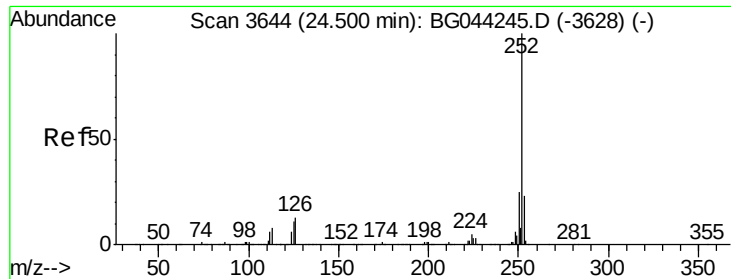
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#89
Benzo(k)fluoranthene
Concen: 2.726 ng m
RT: 23.68 min Scan# 3505
Delta R.T. -0.03 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.1	28.7
125	11.3	8.6	12.8





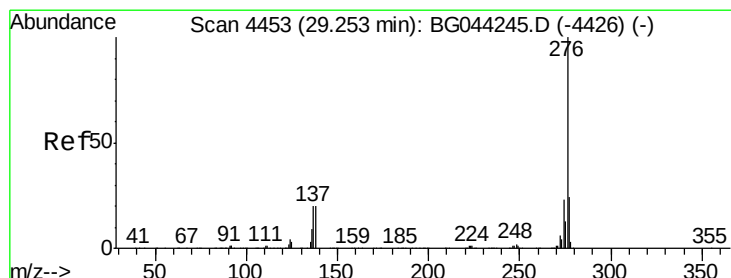
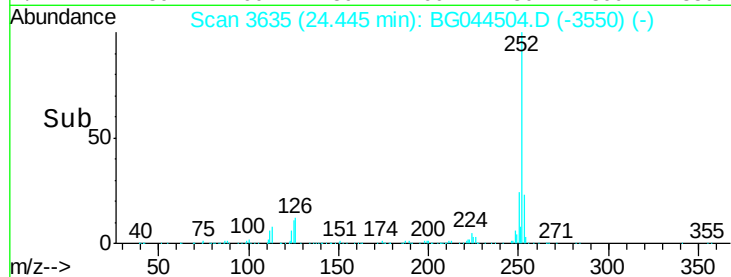
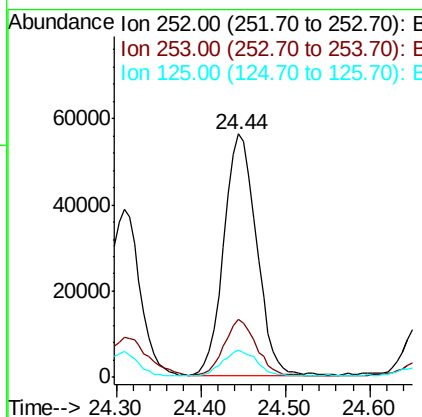
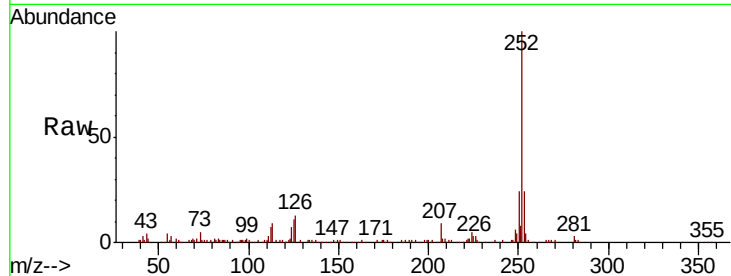
#90
Benzo(a)pyrene
Concen: 6.825 ng
RT: 24.44 min Scan# 3635
Delta R.T. -0.03 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-02-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	11.0	8.6	13.0

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#92
Benzo(g,h,i)perylene
Concen: 4.902 ng
RT: 29.15 min Scan# 4436
Delta R.T. -0.05 min
Lab File: BG044504.D
Acq: 20 Feb 2020 00:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	19.0	16.2	24.2

