

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043230.D
 Acq On : 15 Oct 2019 22:22
 Operator : JU
 Sample : K5355-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-31

Manual Integrations
 APPROVED

mohammad
 10/17/2019 7:57:29 AM

Quant Time: Oct 16 02:15:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	65741	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	249060	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	170549	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	346120	20.00	ng	0.00
76) Chrysene-d12	21.70	240	370788	20.00	ng	0.00
87) Perylene-d12	24.93	264	452970	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	180237	48.93	ng	0.00
7) Phenol-d6	7.22	99	266860	50.31	ng	0.00
23) Nitrobenzene-d5	9.22	82	161582	31.53	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	126959	43.29	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	405579	34.47	ng	0.00
79) Terphenyl-d14	20.03	244	636788	36.60	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	50457	3.949	ng	Qvalue # 95
71) Phenanthrene	17.47	178	354732	20.993	ng	99
72) Anthracene	17.56	178	65914	3.907	ng	96
75) Fluoranthene	19.47	202	512648	22.937	ng	98
78) Pyrene	19.83	202	439338	19.852	ng	98
81) Benzo(a)anthracene	21.68	228	227834	9.861	ng	99
83) Chrysene	21.74	228	203367	9.071	ng	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	120402	4.314	ng	# 86
88) Benzo(b)fluoranthene	23.91	252	279027	10.887	ng	# 93
89) Benzo(k)fluoranthene	23.96	252	98512m	3.885	ng	
90) Benzo(a)pyrene	24.77	252	207771	8.592	ng	# 95
92) Benzo(a,h,i)perylene	29.75	276	117418	4.887	ng	# 92

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

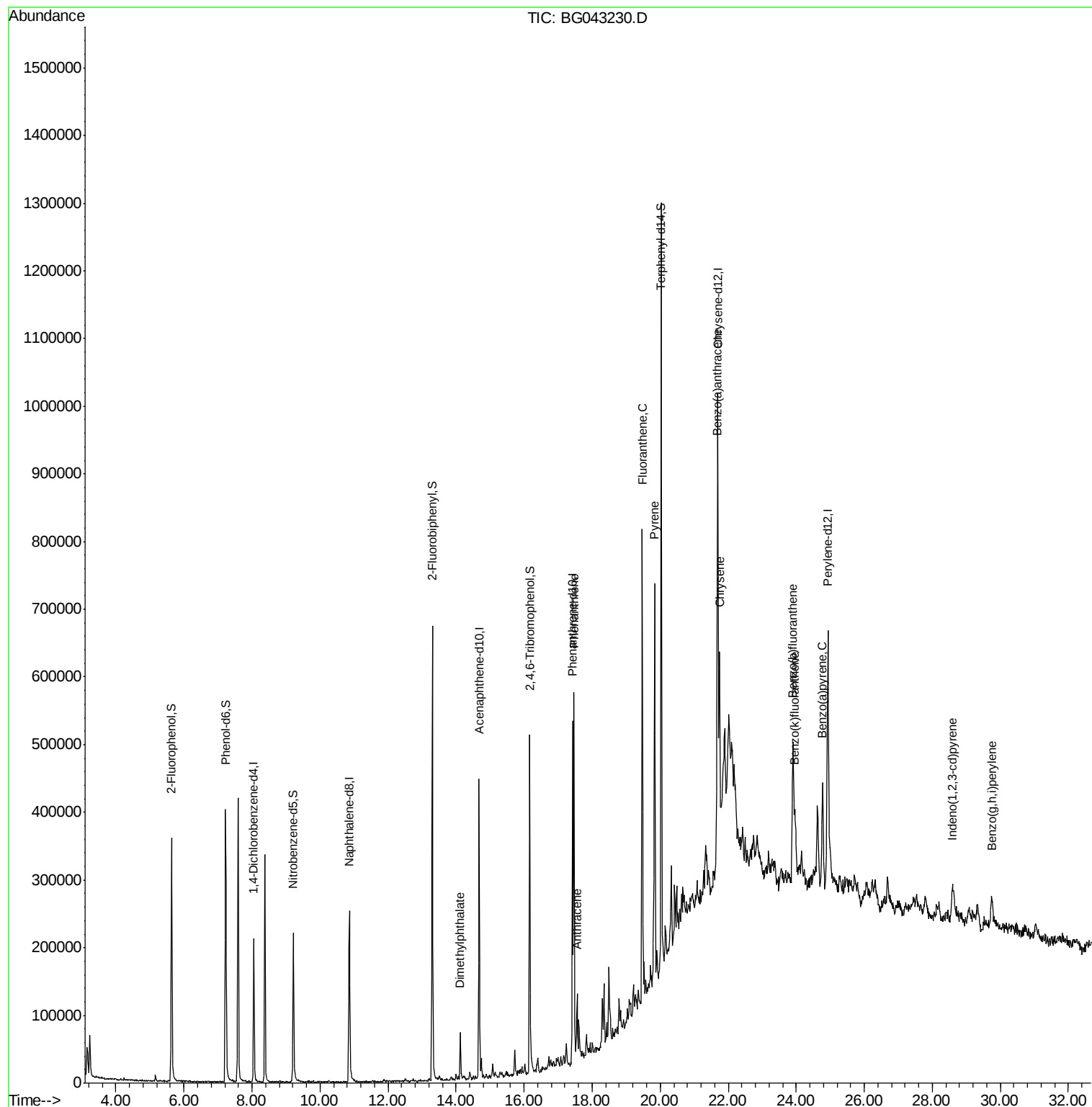
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043230.D
Acq On : 15 Oct 2019 22:22
Operator : JU
Sample : K5355-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

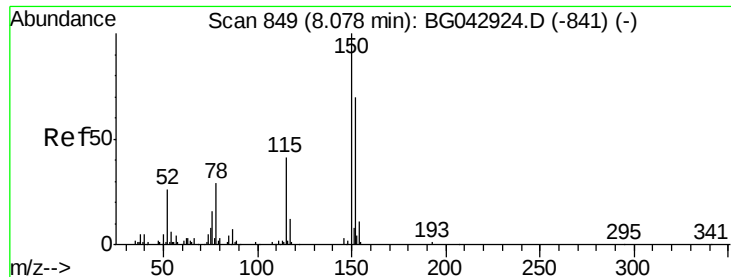
Instrument :
BNA_G
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COMP-31

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

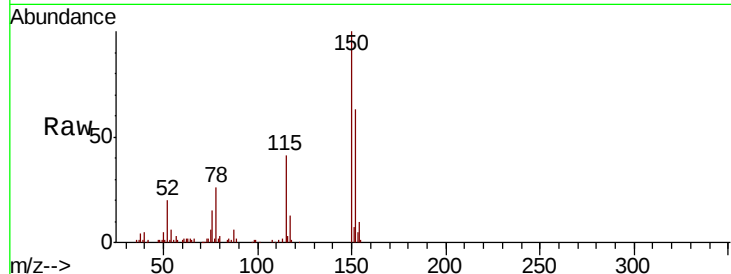
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
COMP-31

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	115.0	172.4
115	63.9	47.0	70.6

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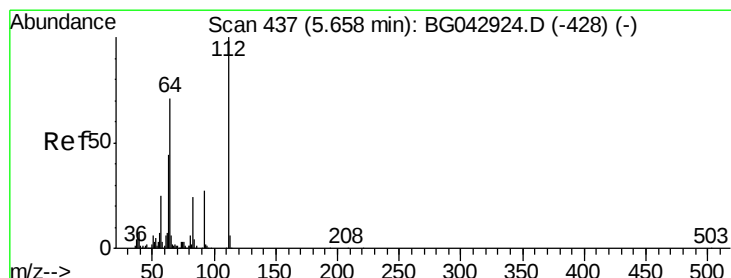
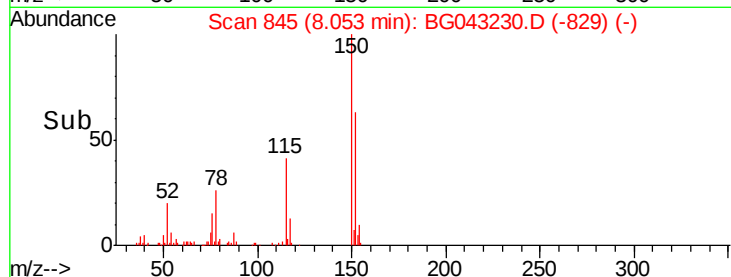
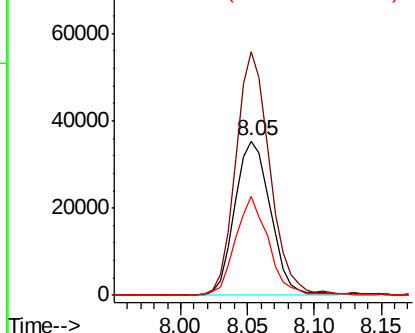


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

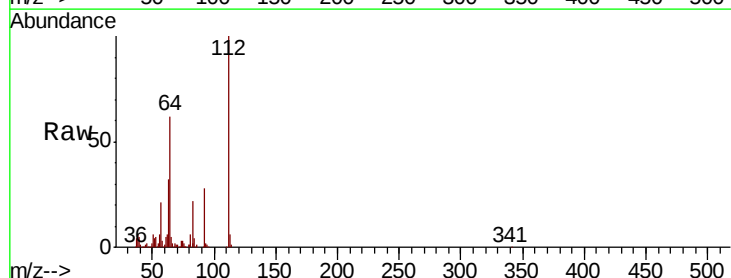
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 48.928 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.6	84.8
63	31.8	35.1	52.7#

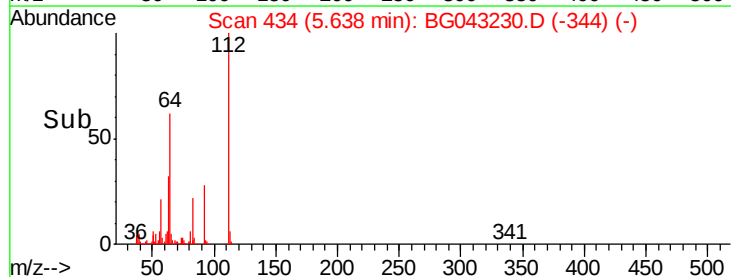
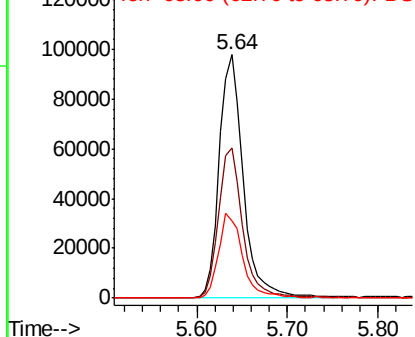


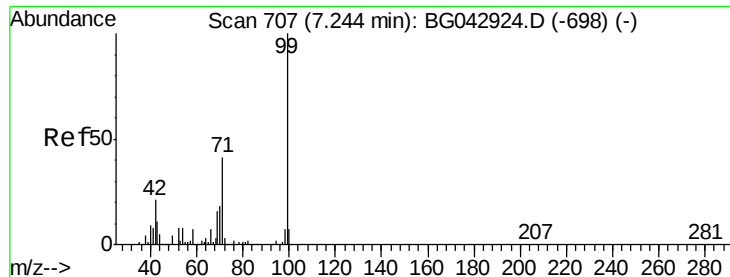
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 50.305 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043230.D

Acq: 15 Oct 2019 22:22

Instrument :

BNA_G

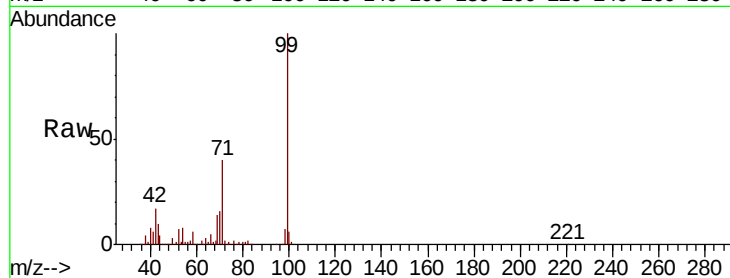
ClientSampleId :

COMP-31

Tot Ion:	99	Resp:	266860
Ion Ratio	Lower	Upper	
99	100		
42	17.3	17.2	25.8
71	40.4	33.1	49.7

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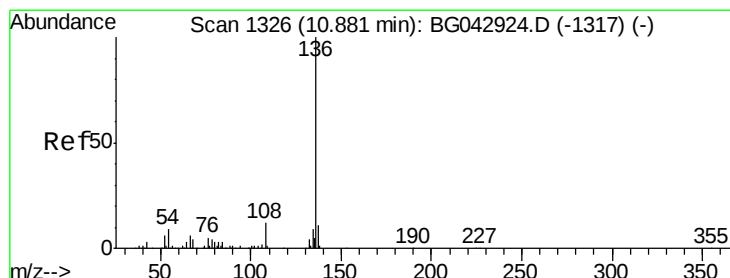
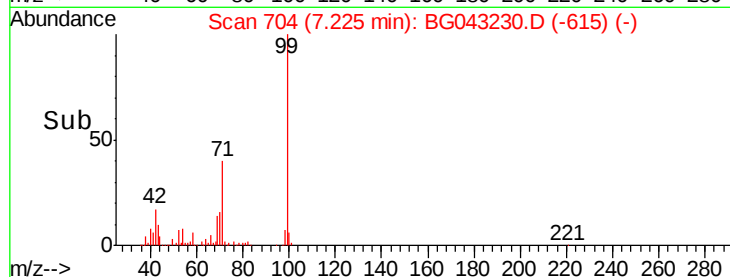
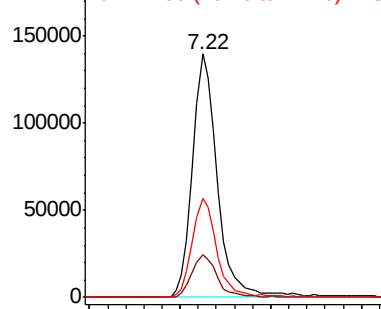


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BG043230.D

Acq: 15 Oct 2019 22:22

Tgt Ion:	136	Resp:	249060
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.5	12.7
54	8.9	7.4	11.2
68	3.9	3.6	5.4

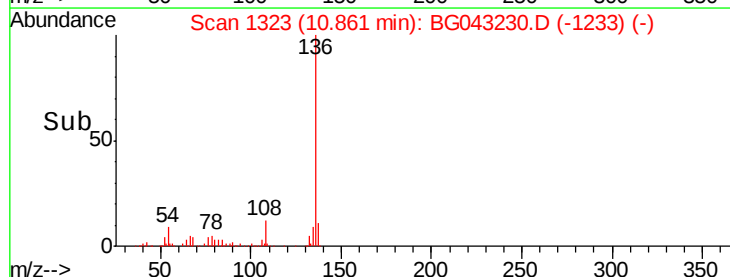
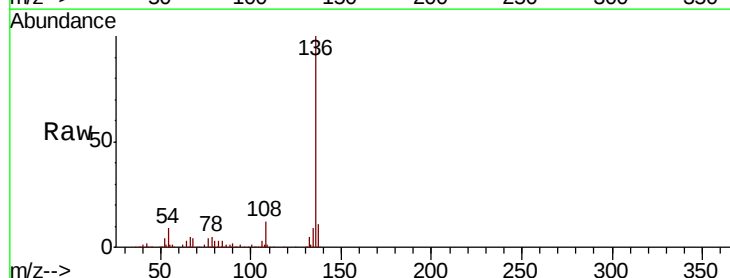
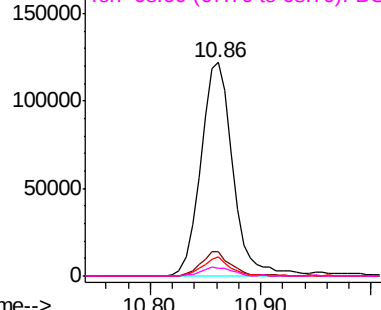
Abundance

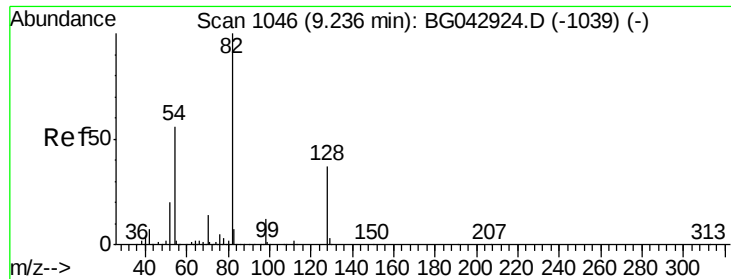
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





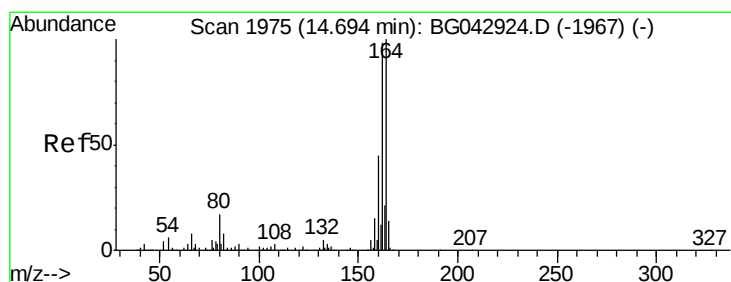
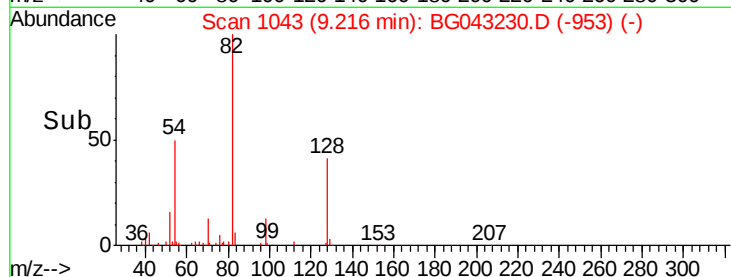
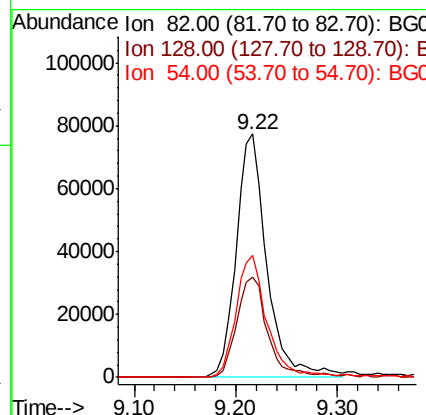
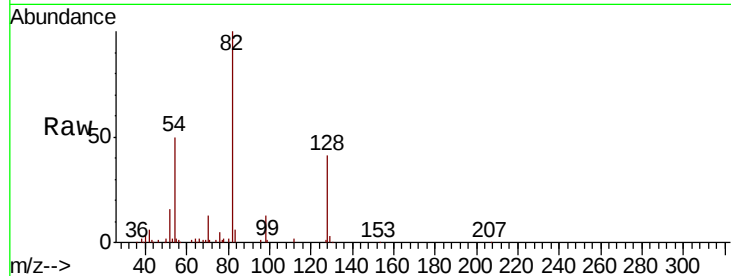
#23
Nitrobenzene-d5
Concen: 31.533 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
COMP-31

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	29.5	44.3
54	50.2	44.6	67.0

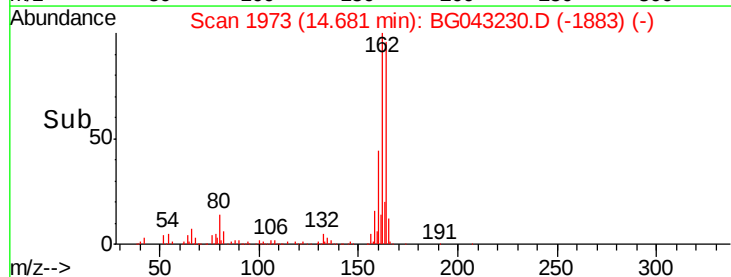
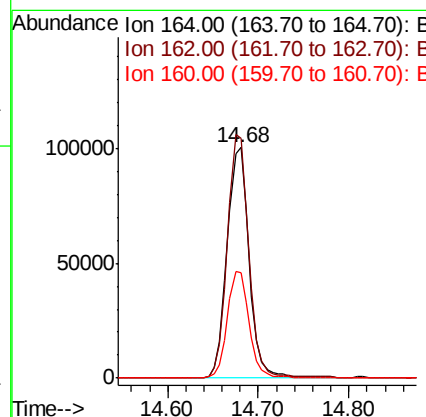
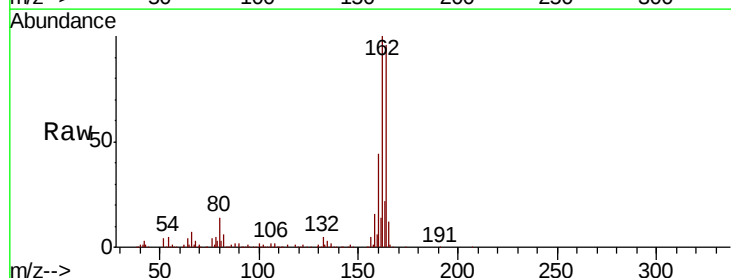
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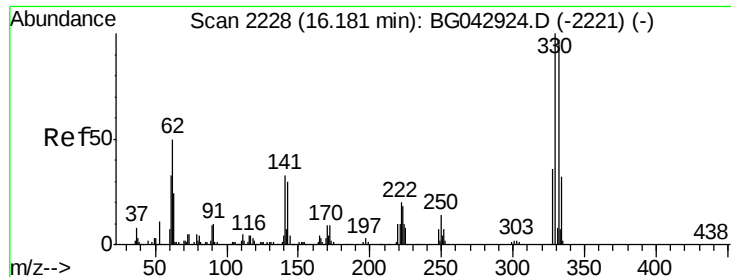
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.5	117.7
160	45.6	35.9	53.9





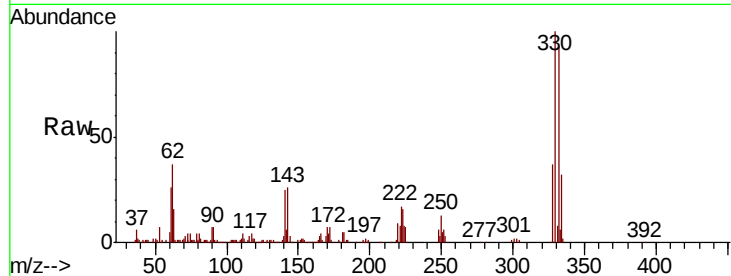
#42
 2,4,6-Tribromophenol
 Concen: 43.291 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.00 min
 Lab File: BG043230.D
 Acq: 15 Oct 2019 22:22

Instrument :
 BNA_G
 ClientSampleId :
 COMP-31

Tot Ion	Ratio	Resp	Lower	Upper
330	100	126959		
332	97.0	78.2	117.2	
141	29.0	26.0	39.0	

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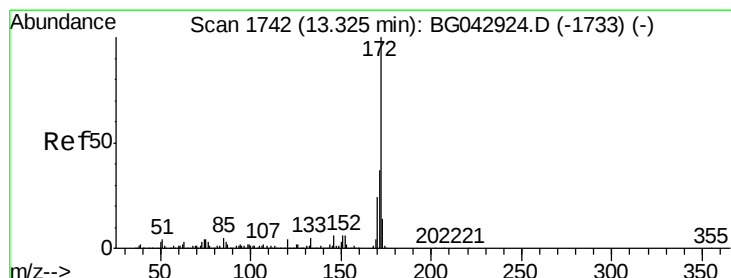
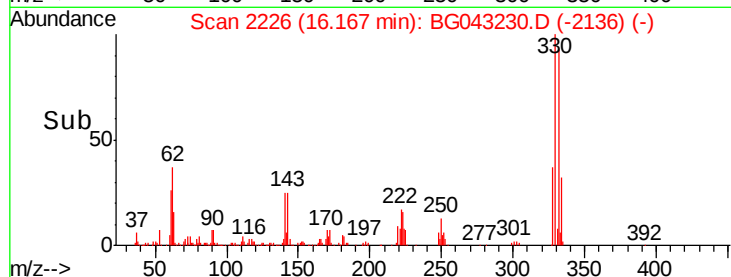
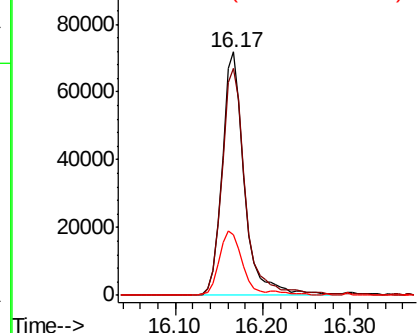


Abundance

Ion 329.80 (329.50 to 330.50): E

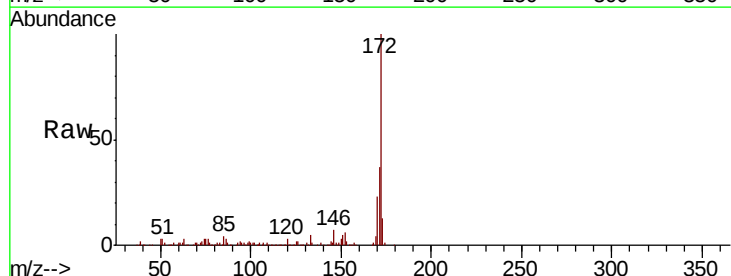
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 34.475 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG043230.D
 Acq: 15 Oct 2019 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	405579		
171	37.0	29.6	44.4	
170	23.0	19.6	29.4	

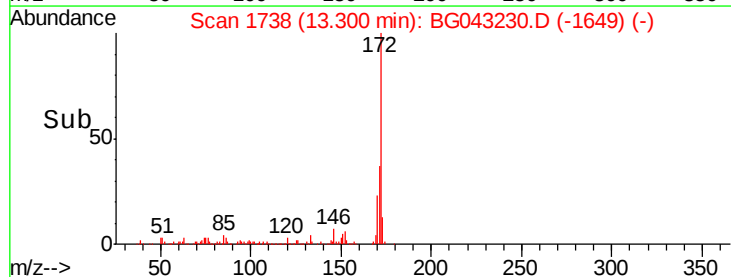
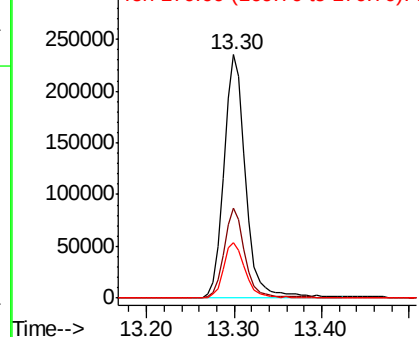


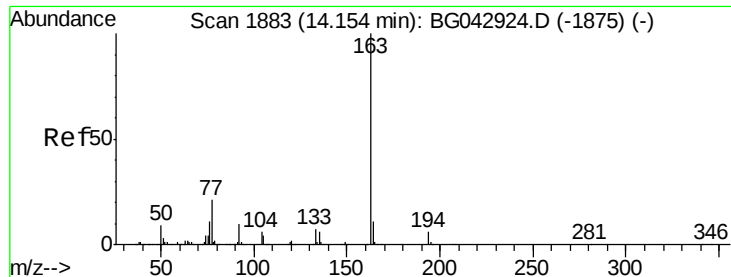
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.949 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG043230.D

Acq: 15 Oct 2019 22:22

Instrument :

BNA_G

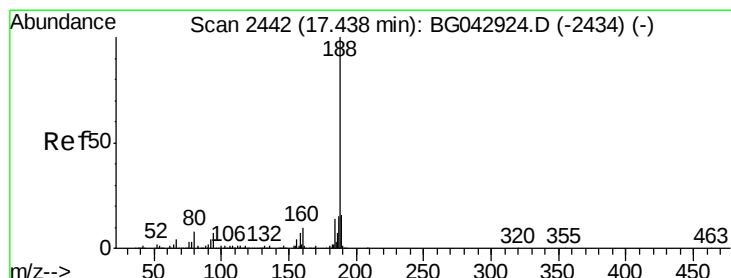
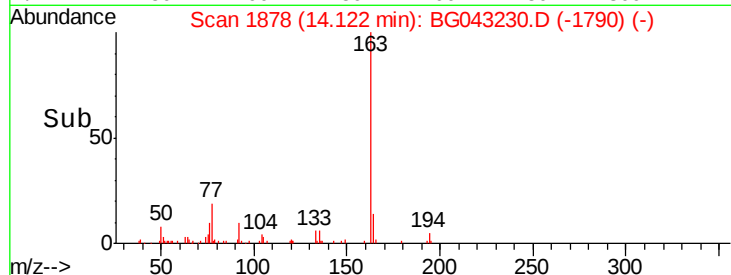
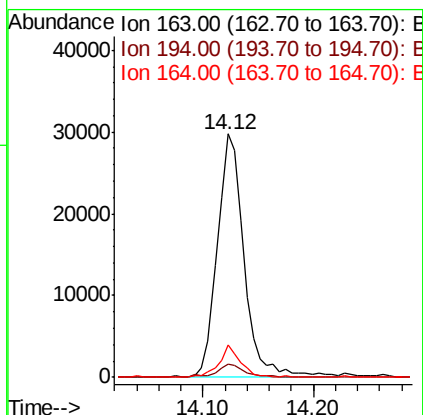
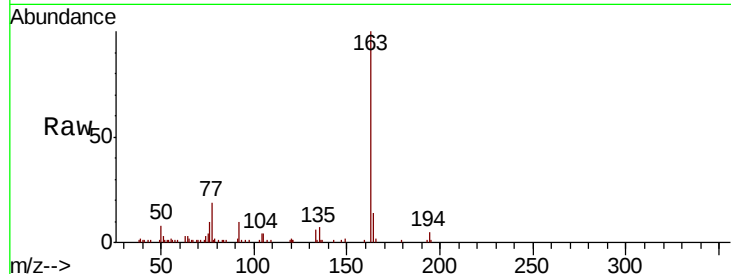
ClientSampleId :

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Tot Ion:	163	Resp:	50457
Ion Ratio	Lower	Upper	
163	100		
194	5.4	4.4	6.6
164	13.6	8.6	12.8#

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#64

Phenanthrene-d10

Concen: 20.000 ng

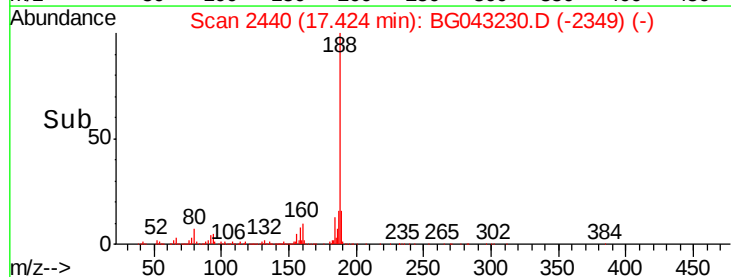
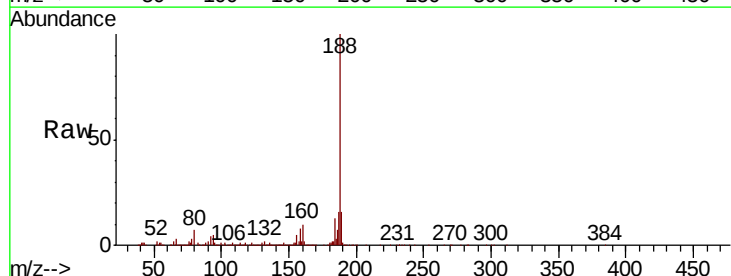
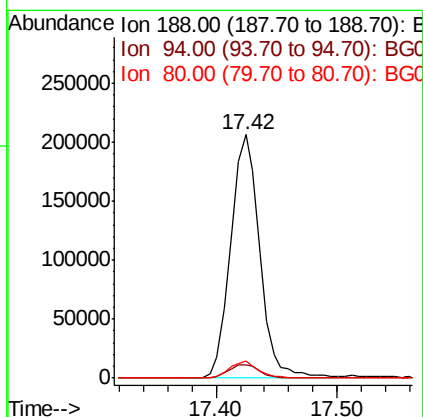
RT: 17.42 min Scan# 2440

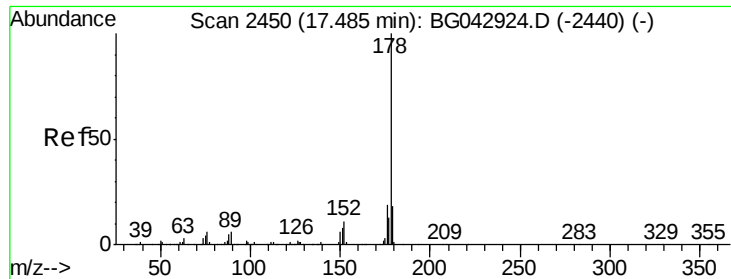
Delta R.T. 0.01 min

Lab File: BG043230.D

Acq: 15 Oct 2019 22:22

Tgt Ion:	188	Resp:	346120
Ion Ratio	Lower	Upper	
188	100		
94	5.3	5.7	8.5#
80	6.9	6.5	9.7





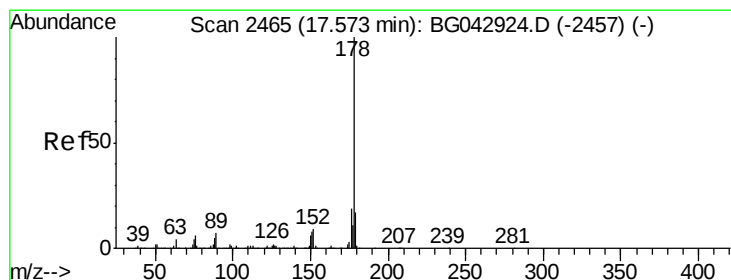
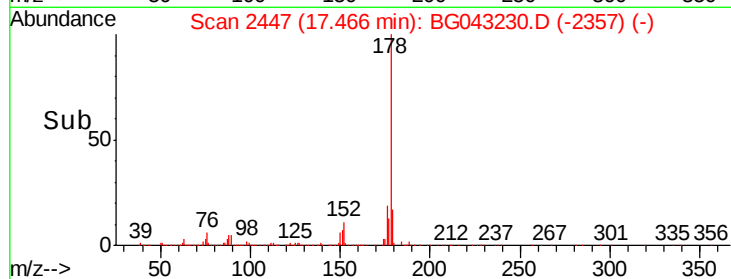
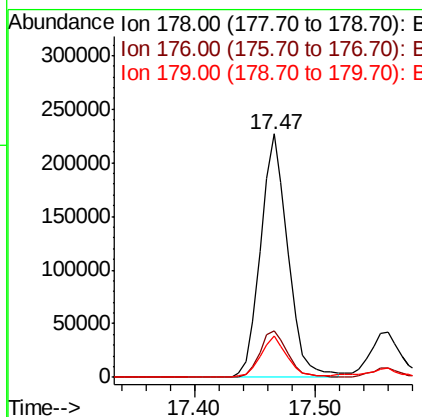
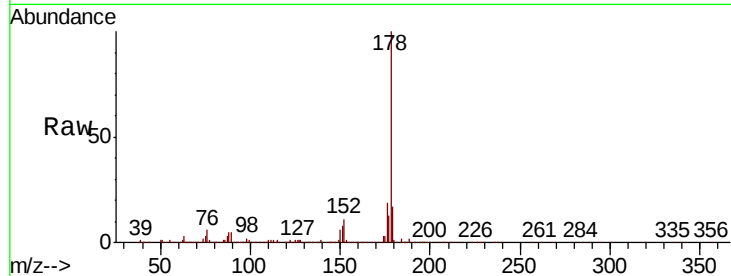
#71
Phenanthrene
Concen: 20.993 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
COMP-31

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	17.3	14.1	21.1

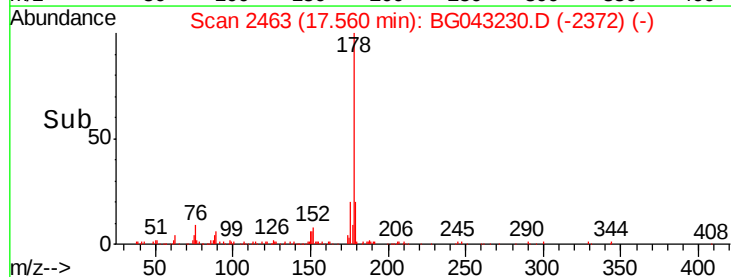
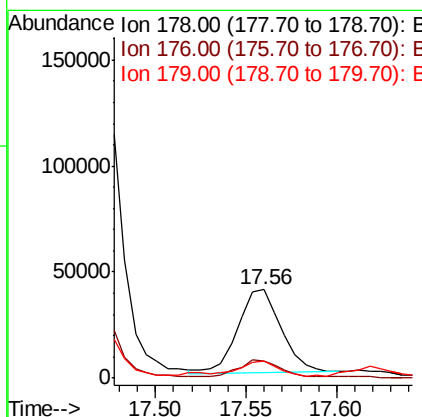
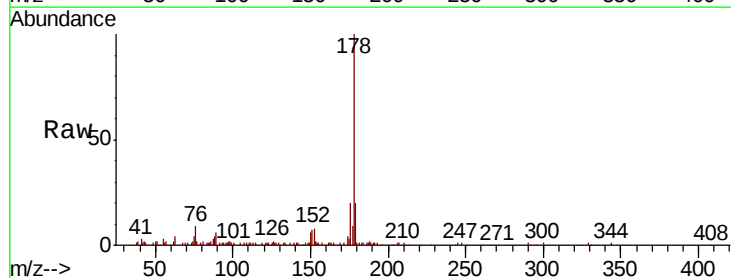
Manual Integrations
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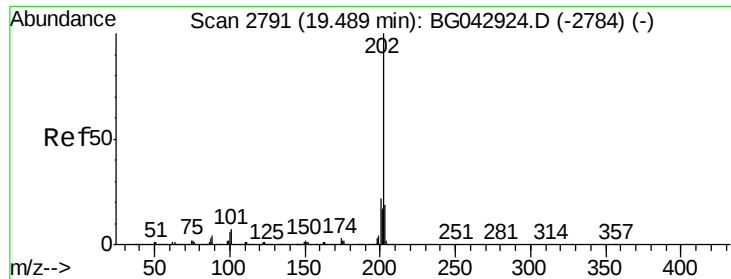
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#72
Anthracene
Concen: 3.907 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	19.9	13.5	20.3





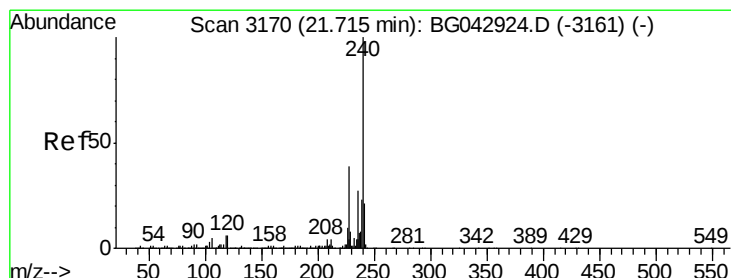
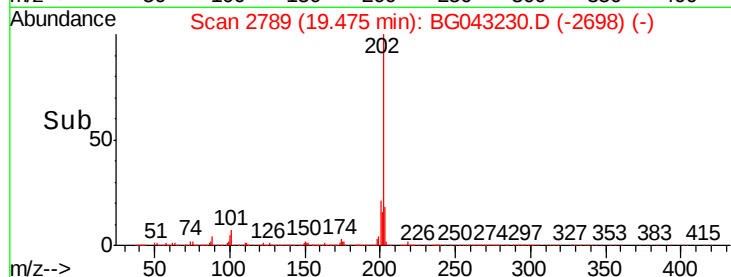
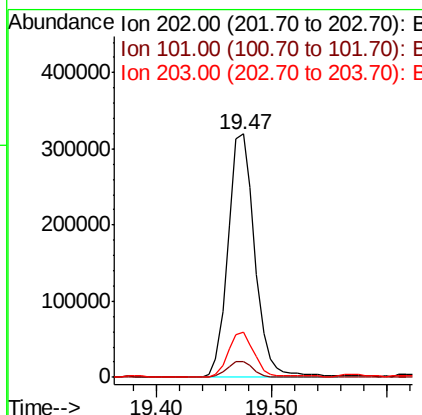
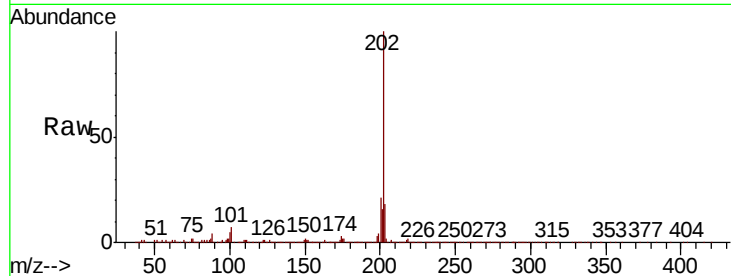
#75
 Fluoranthene
 Concen: 22.937 ng
 RT: 19.47 min Scan# 2789
 Delta R.T. 0.01 min
 Lab File: BG043230.D
 Acq: 15 Oct 2019 22:22

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		512648		
101	6.6	0.0	27.3		
203	18.4	0.0	39.5		

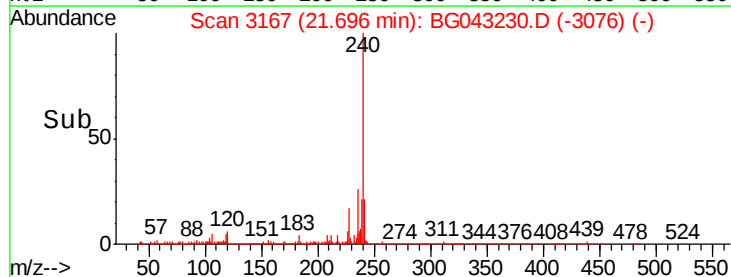
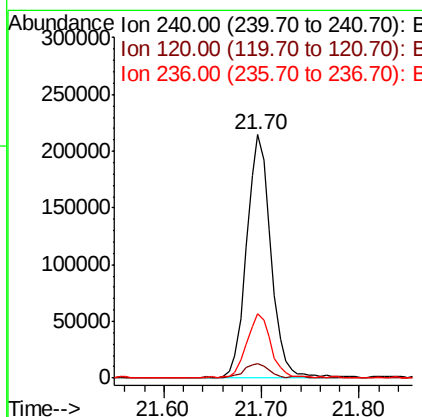
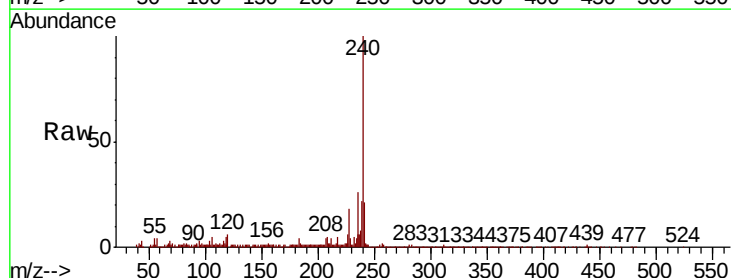
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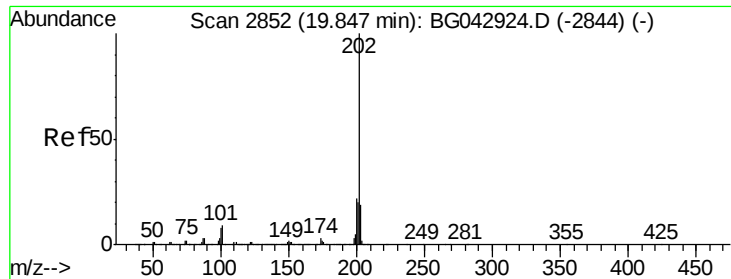
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. 0.01 min
 Lab File: BG043230.D
 Acq: 15 Oct 2019 22:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		370788		
120	6.2	4.8	7.2		
236	26.5	21.4	32.0		





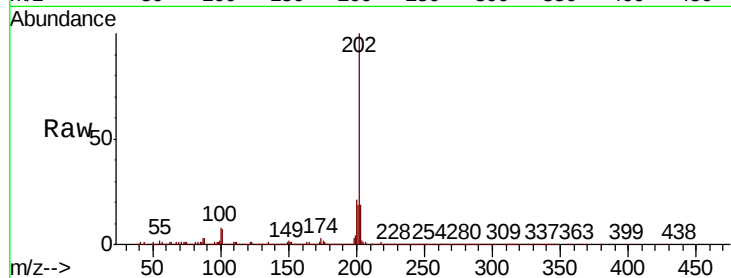
#78
Pvrene
Concen: 19.852 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
COMP-31

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.6	26.4
203	18.5	15.2	22.8

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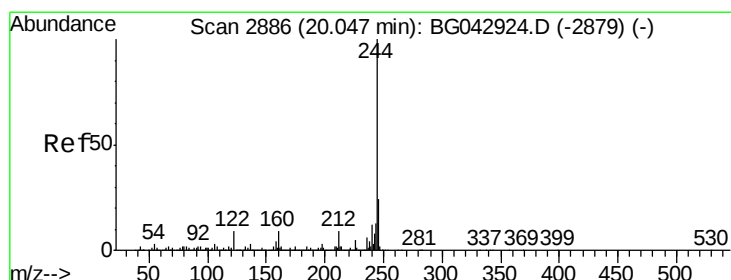
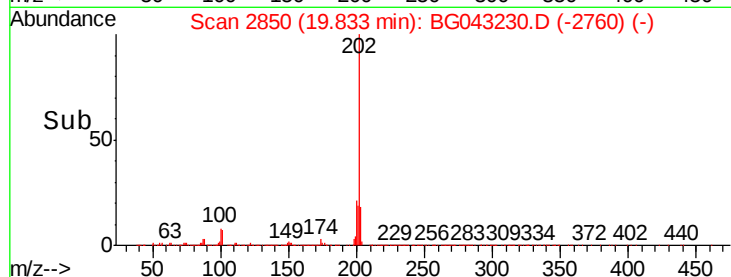
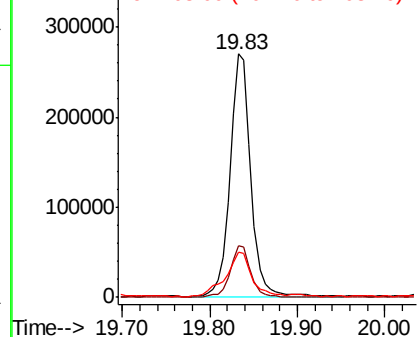


Abundance

Ion 202.00 (201.70 to 202.70): E

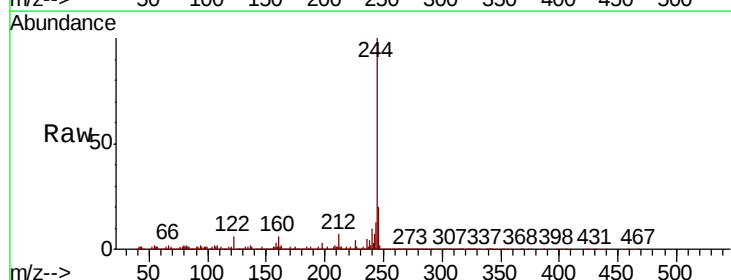
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 36.596 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	7.4	11.0#
122	6.5	7.0	10.4#

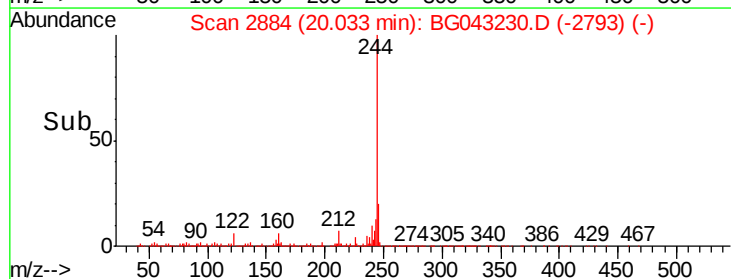
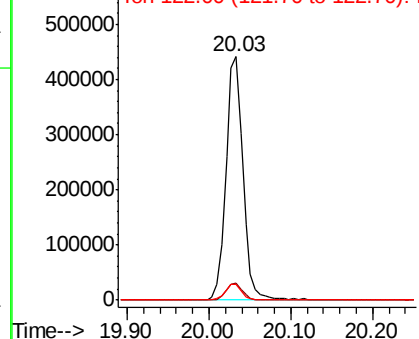


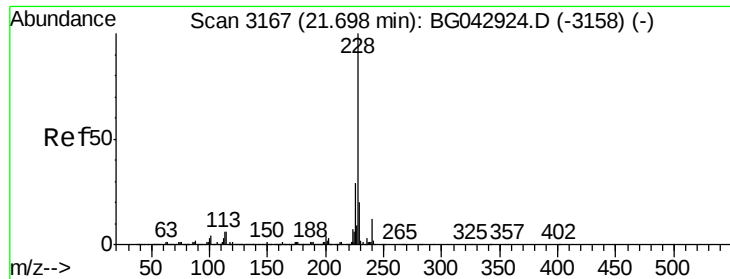
Abundance

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: 9.861 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG043230.D

Acq: 15 Oct 2019 22:22

Instrument :

BNA_G

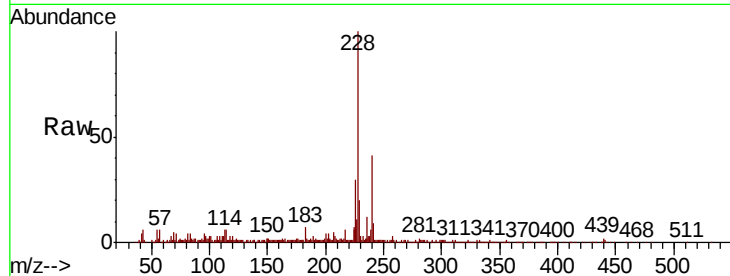
ClientSampled :

COMP-31

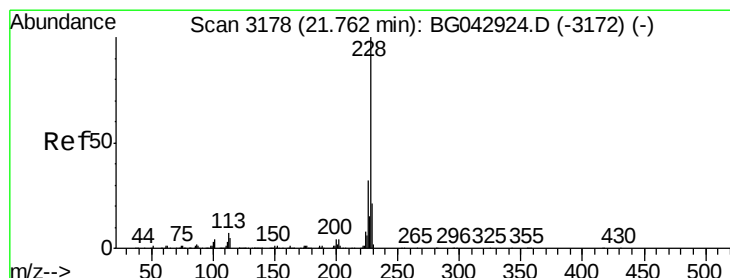
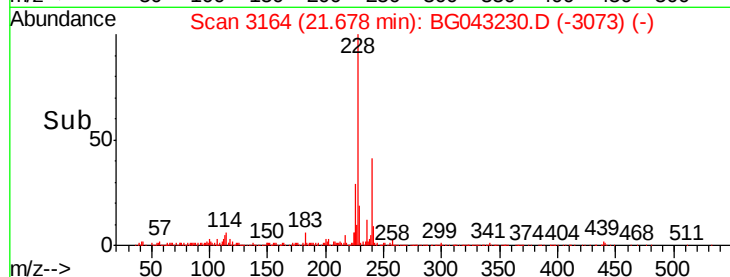
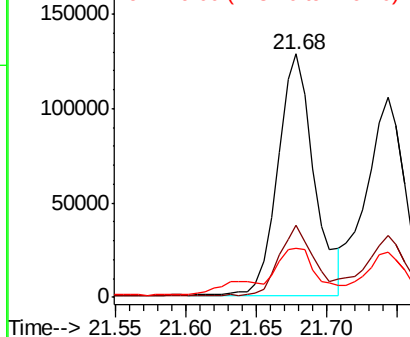
Tot Ion:	228	Resp:	227834
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.0	34.4
229	20.1	16.3	24.5

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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: 9.071 ng

RT: 21.74 min Scan# 3175

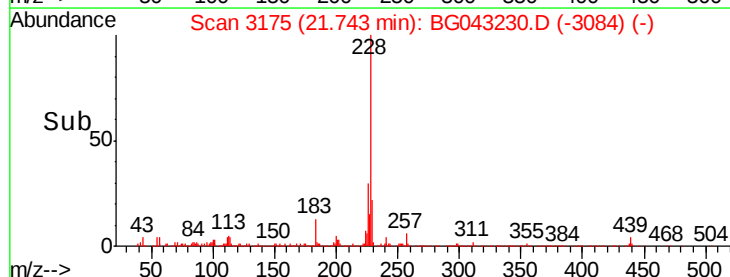
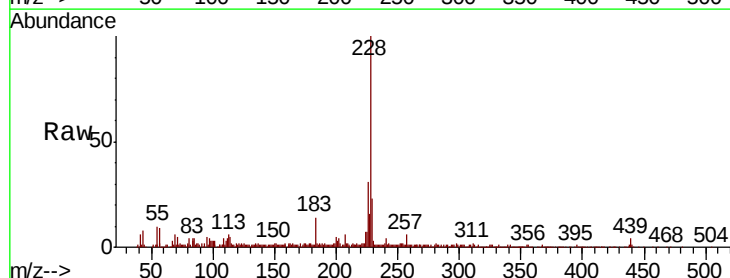
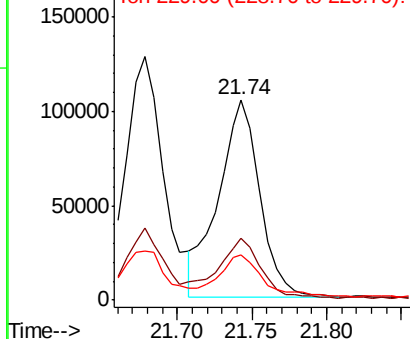
Delta R.T. 0.01 min

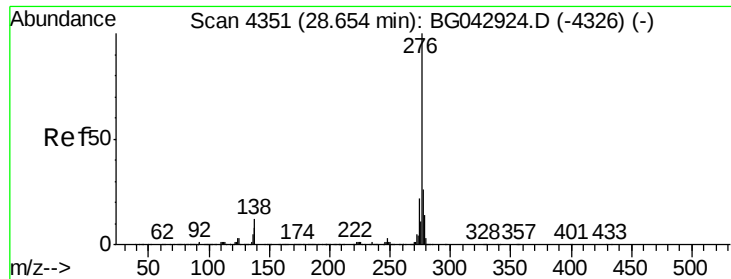
Lab File: BG043230.D

Acq: 15 Oct 2019 22:22

Tgt Ion:	228	Resp:	203367
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.6	38.4
229	22.8	16.9	25.3

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





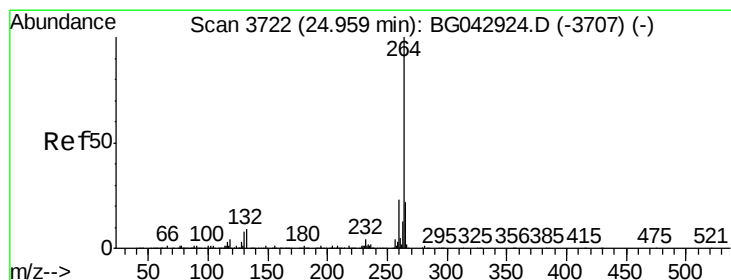
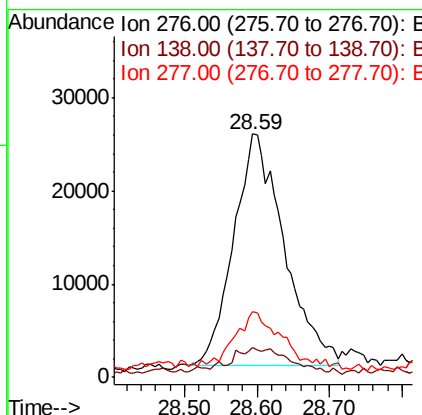
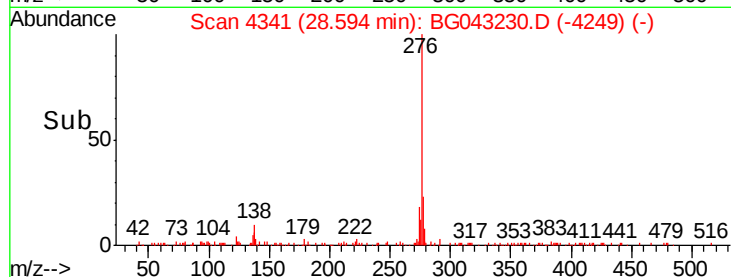
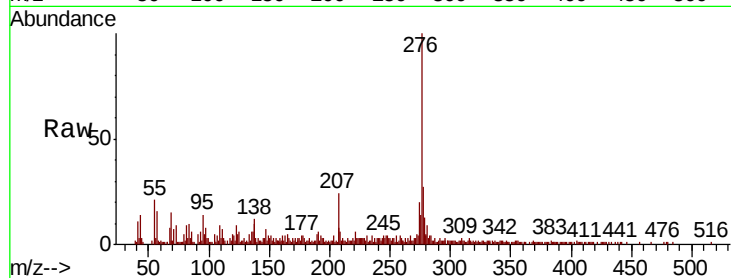
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 4.314 ng
 RT: 28.59 min Scan# 4341
 Delta R.T. 0.01 min
 Lab File: BG043230.D
 Acq: 15 Oct 2019 22:22

Instrument :
 BNA_G
 ClientSampleId :
 COMP-31

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	7.0	10.6#
277	20.9	20.9	31.3

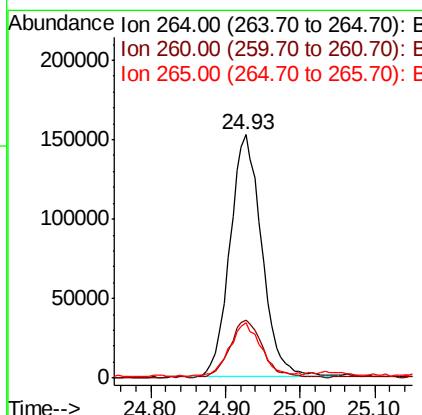
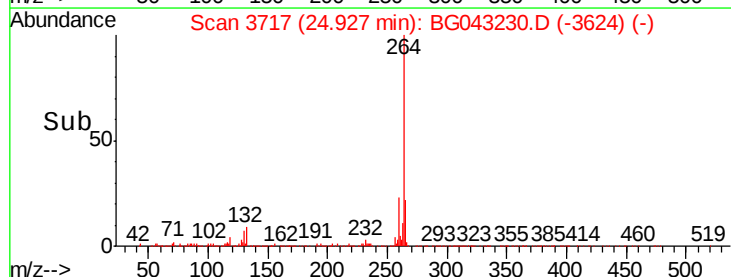
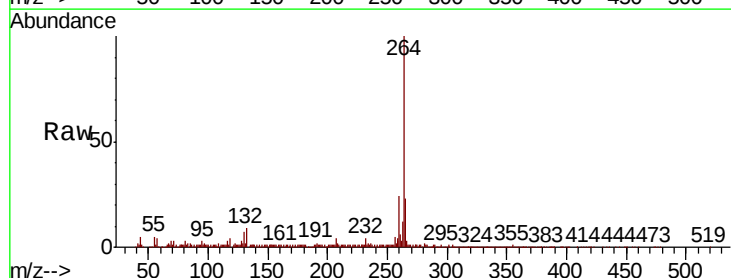
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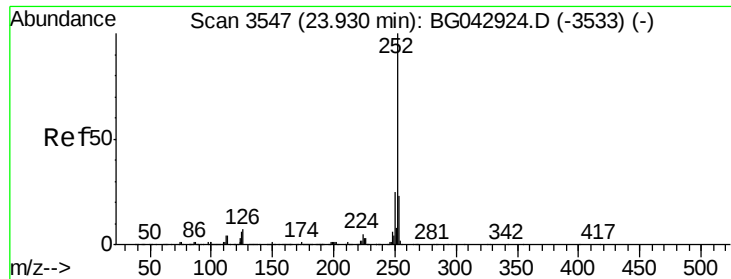
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3717
 Delta R.T. 0.02 min
 Lab File: BG043230.D
 Acq: 15 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.6	17.7	26.5





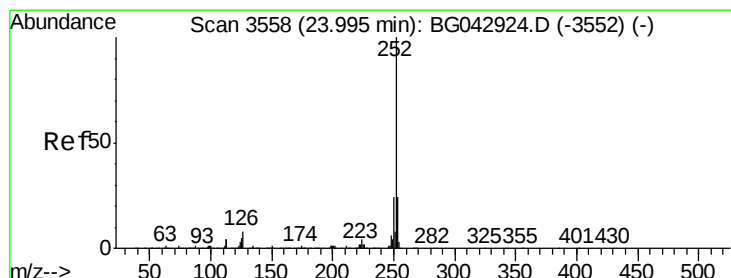
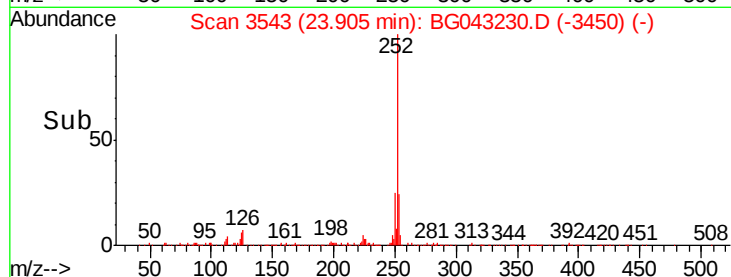
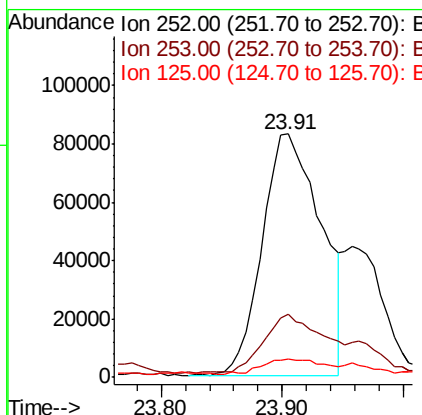
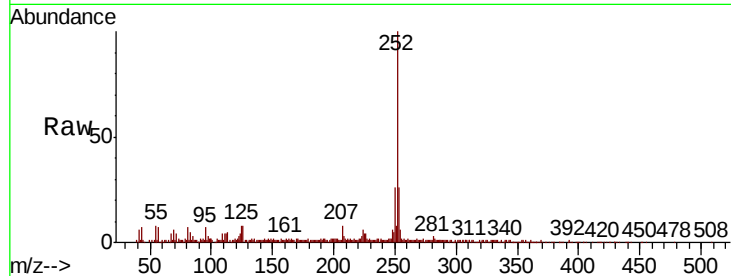
#88
Benzo(b)fluoranthene
Concen: 10.887 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
COMP-31

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.2	27.2
125	7.7	4.6	7.0

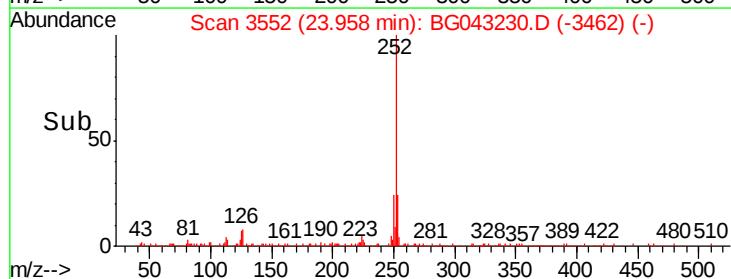
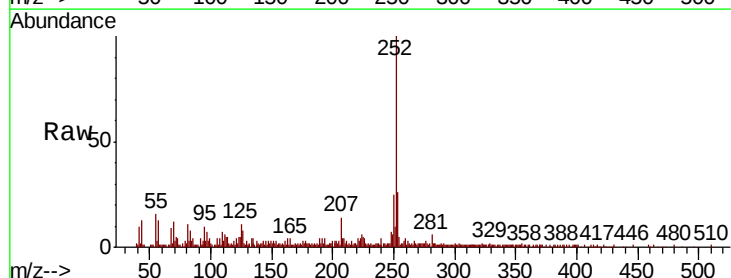
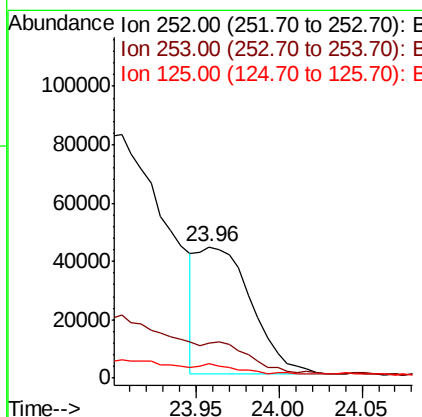
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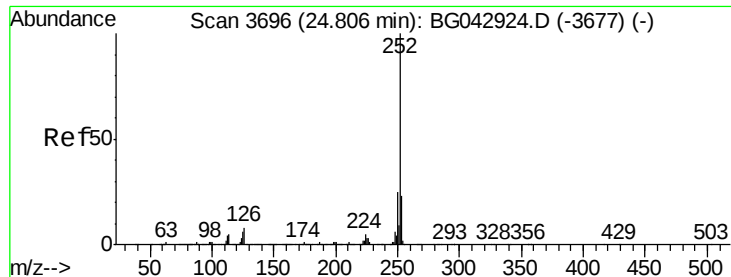
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#89
Benzo(k)fluoranthene
Concen: 3.885 ng m
RT: 23.96 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.9	28.3
125	10.8	4.5	6.7





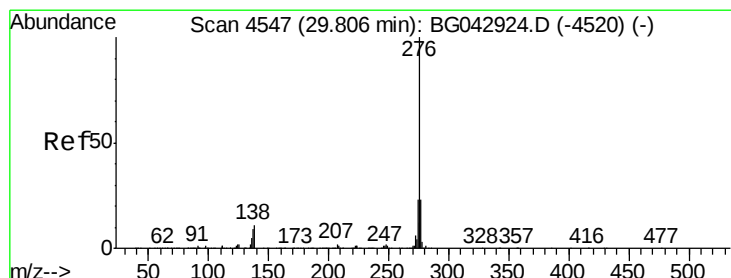
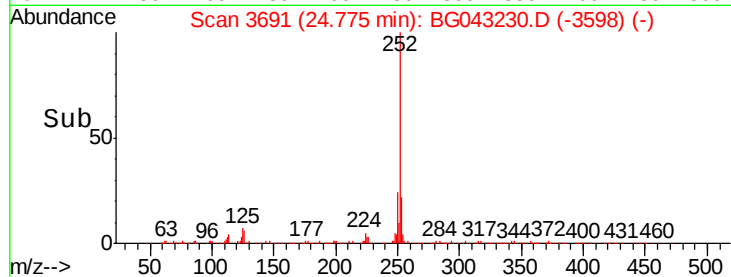
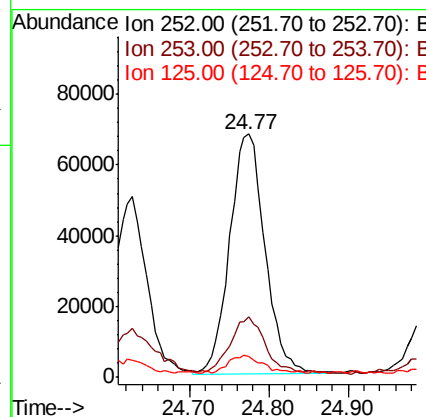
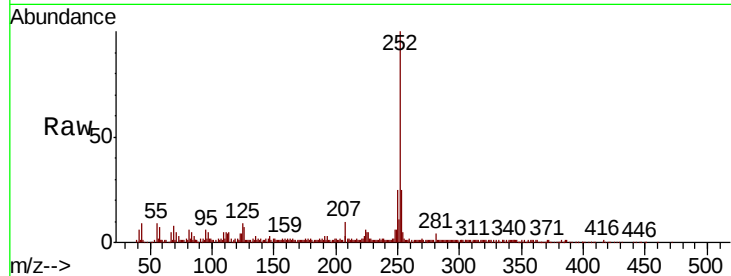
#90
Benzo(a)pyrene
Concen: 8.592 ng
RT: 24.77 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :
COMP-31

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.2	27.4
125	8.7	5.0	7.6

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#92
Benzo(g,h,i)perylene
Concen: 4.887 ng
RT: 29.75 min Scan# 4538
Delta R.T. 0.03 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.8	18.4	27.6
138	14.4	8.6	12.8

