

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
 Data File : BG043513.D
 Acq On : 5 Nov 2019 18:28
 Operator : JU
 Sample : K5602-04RX
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Manual Integrations
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 11/6/2019 8:41:18 AM

Quant Time: Nov 06 02:25:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34373	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	132394	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	94902	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	229201	20.00	ng	0.00
76) Chrysene-d12	21.65	240	253028	20.00	ng	0.00
87) Perylene-d12	24.85	264	300603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	2369	1.26	ng	0.01
7) Phenol-d6	7.20	99	32849	12.17	ng	0.00
23) Nitrobenzene-d5	9.17	82	184000	71.65	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	1309	0.72	ng	0.01
45) 2-Fluorobiphenyl	13.26	172	456424	66.46	ng	0.00
79) Terphenyl-d14	20.00	244	879890	65.24	ng	0.00
Target Compounds						
10) Phenol	7.23	94	7236	2.934	ng	Qvalue 89
50) Dimethylphthalate	14.09	163	96375	13.111	ng	98
71) Phenanthrene	17.42	178	38161	3.251	ng	96
72) Anthracene	17.52	178	64184	5.466	ng	97
75) Fluoranthene	19.44	202	93998	6.143	ng	99
78) Pyrene	19.80	202	96788	6.180	ng	94
81) Benzo(a)anthracene	21.63	228	136418	8.607	ng	98
83) Chrysene	21.70	228	142933	9.076	ng	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	18118	2.149	ng	94
86) Indeno(1,2,3-cd)pyrene	28.48	276	44969	2.275	ng	# 79
88) Benzo(b)fluoranthene	23.83	252	115453	6.781	ng	98
89) Benzo(k)fluoranthene	23.90	252	45397m	2.649	ng	
90) Benzo(a)pyrene	24.70	252	84475	5.196	ng	98
92) Benzo(a,h,i)perylene	29.62	276	43762	2.668	ng	# 90

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

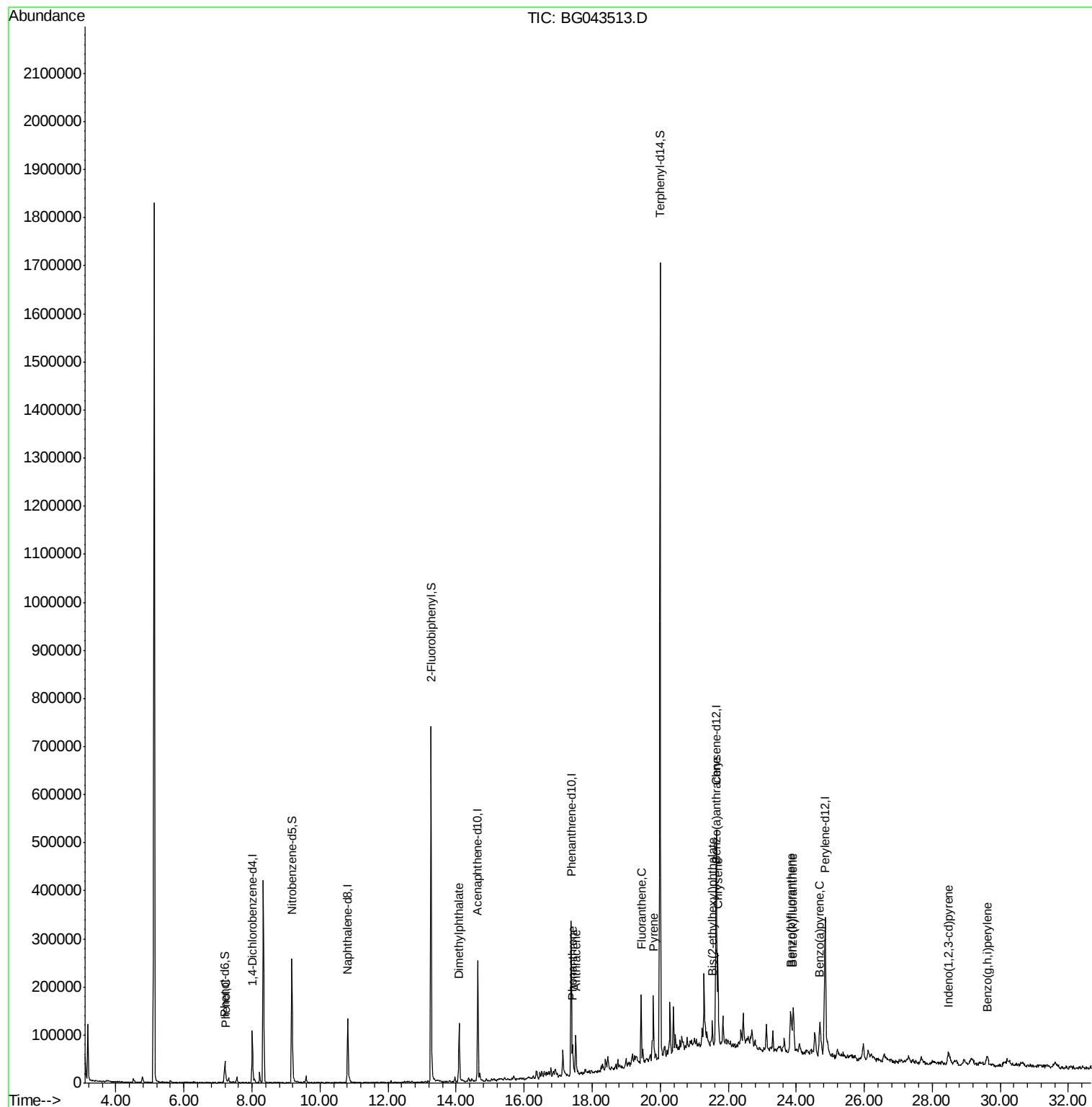
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110519\
Data File : BG043513.D
Acq On : 5 Nov 2019 18:28
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Quant Time: Nov 06 02:25:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

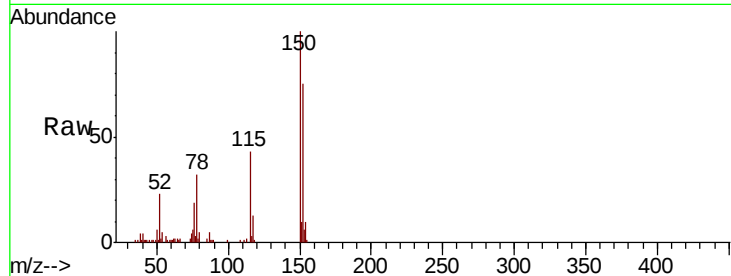
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
152	100		
150	132.9	129.4	194.0
115	57.2	48.8	73.2

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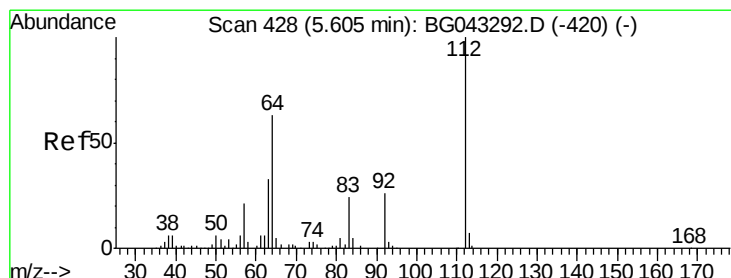
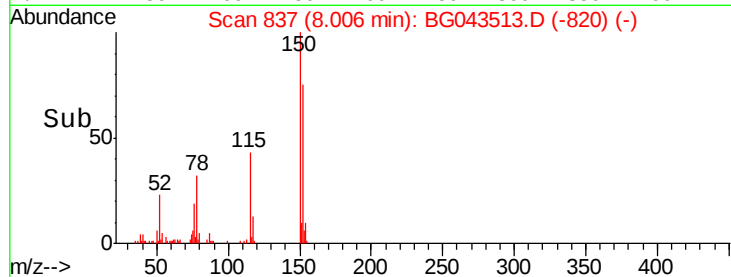
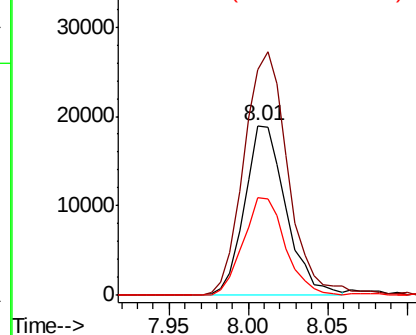


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

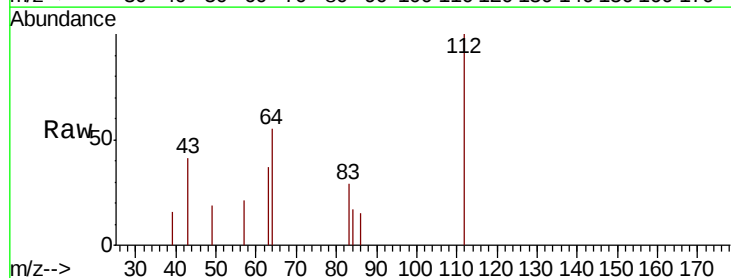
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 1.263 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.01 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	50.0	75.0
63	37.1	26.6	40.0

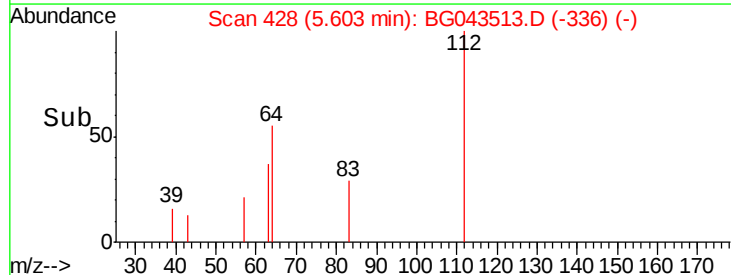
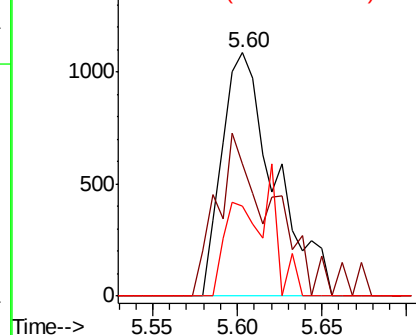


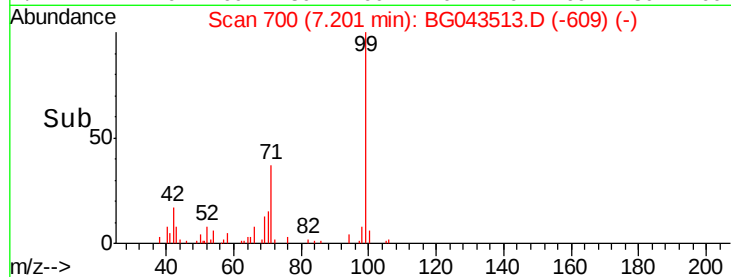
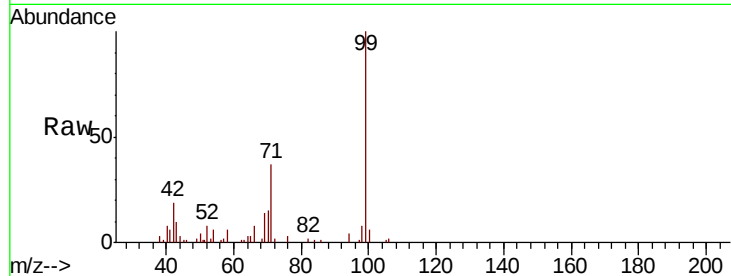
Abundance

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: 12.172 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043513.D

Acq: 5 Nov 2019 18:28

Tot Ion:	99	Resp:	32849
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	21.8
71	37.2	32.5	48.7

Instrument :

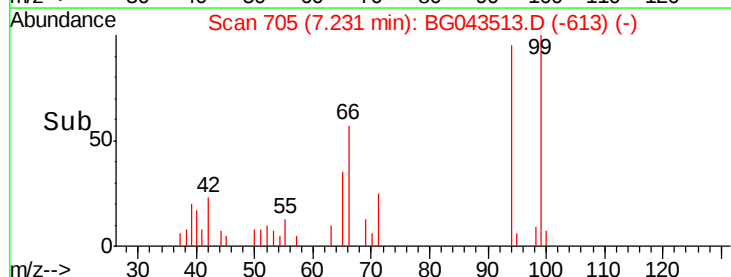
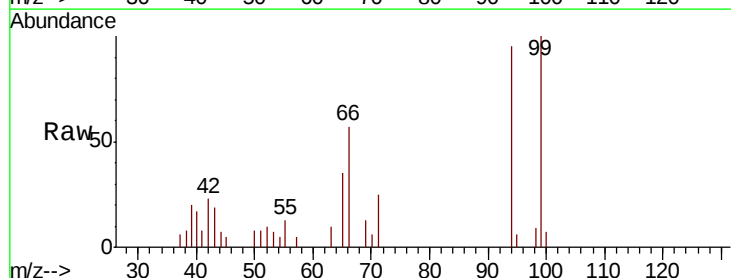
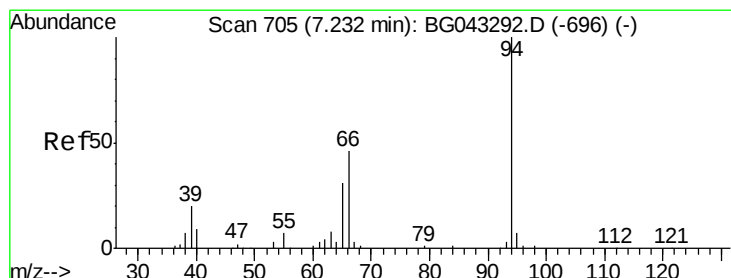
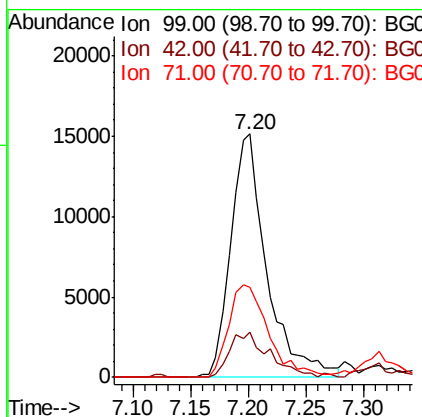
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#10

Phenol

Concen: 2.934 ng

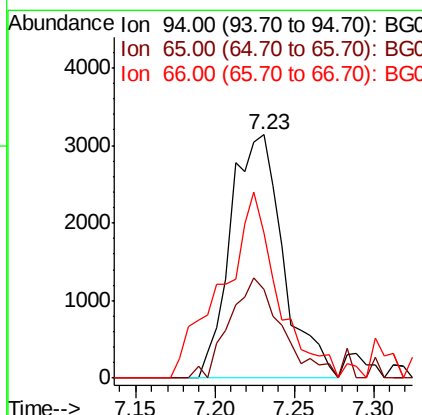
RT: 7.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BG043513.D

Acq: 5 Nov 2019 18:28

Tgt Ion:	94	Resp:	7236
Ion	Ratio	Lower	Upper
94	100		
65	36.6	12.6	52.6
66	59.8	30.7	70.7





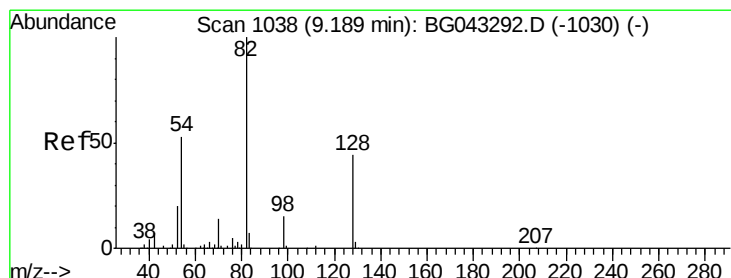
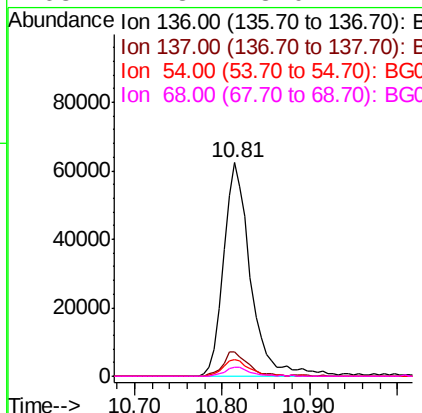
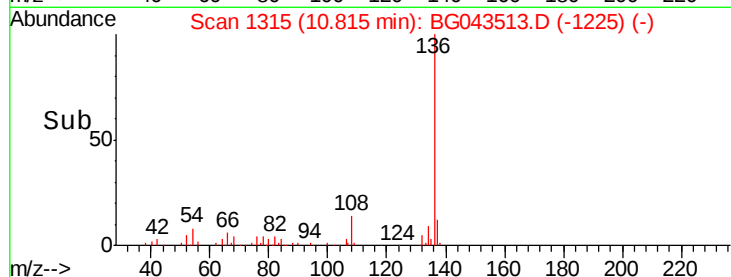
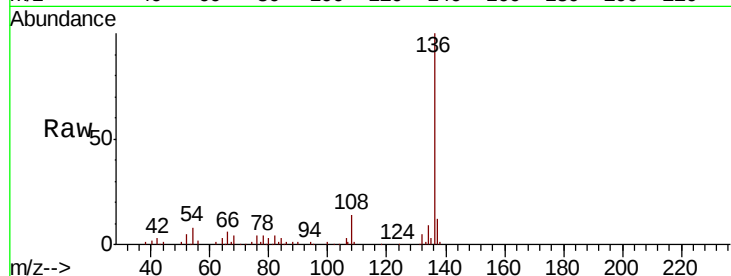
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.6	8.7	13.1		
54	7.5	5.4	8.2		
68	4.3	3.0	4.4		

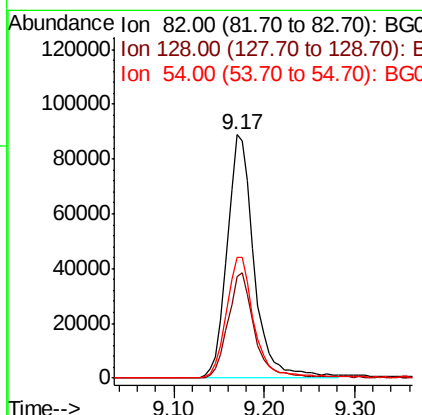
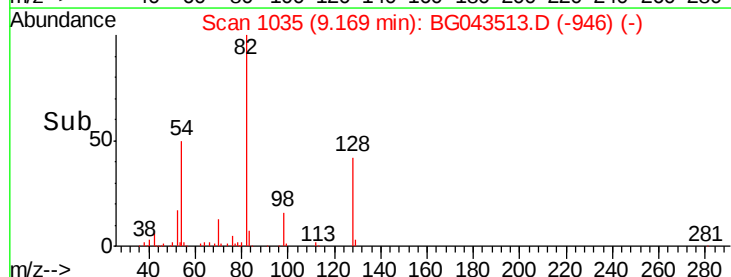
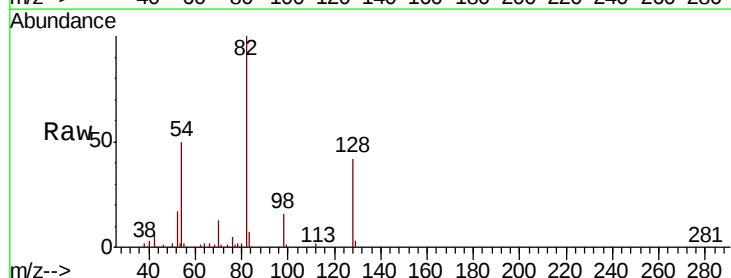
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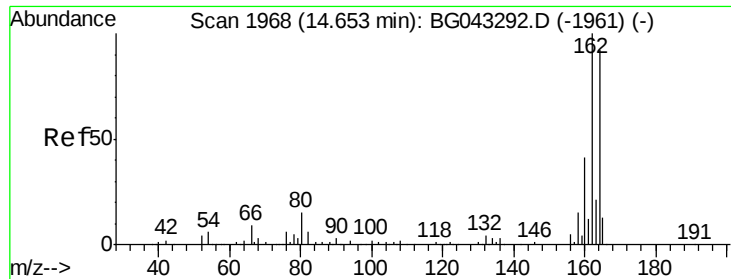
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#23
Nitrobenzene-d5
Concen: 71.650 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	41.9	35.0	52.6		
54	49.6	40.2	60.2		





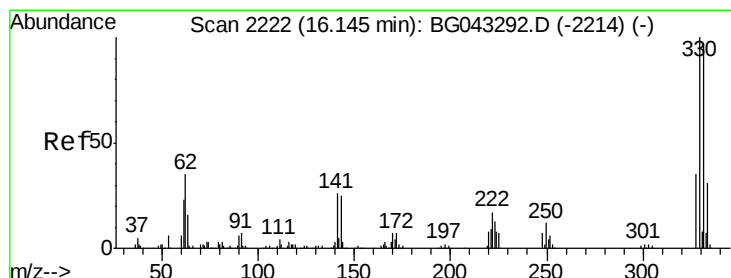
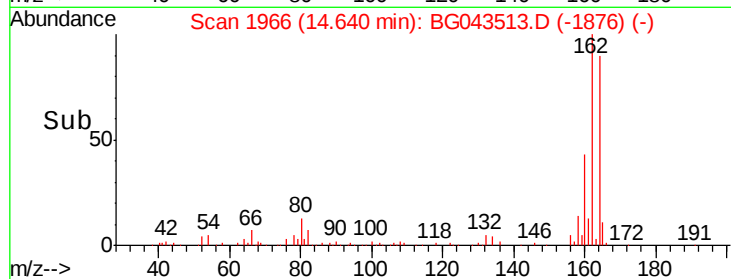
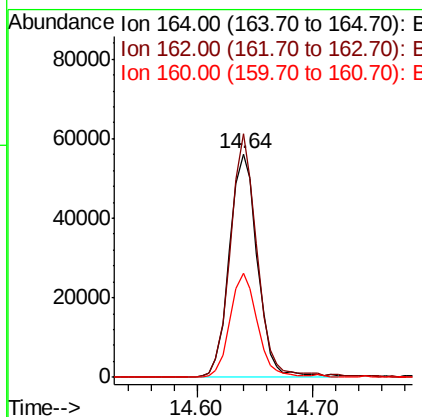
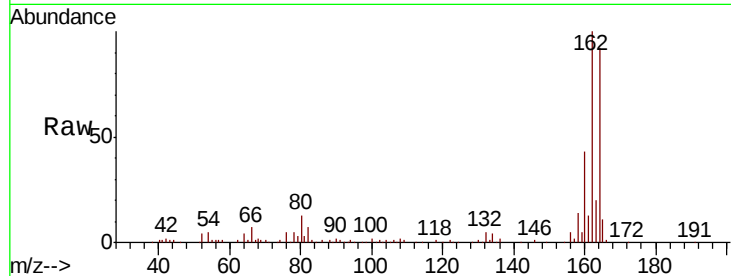
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.8	83.5	125.3
160	46.6	36.5	54.7

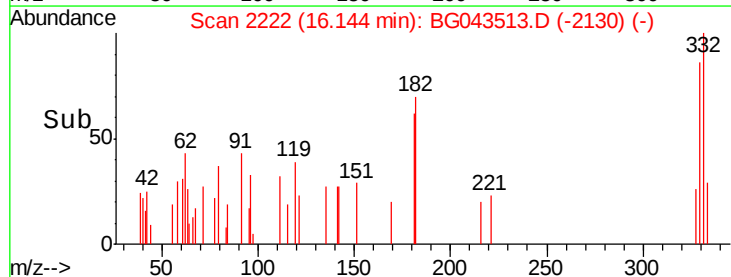
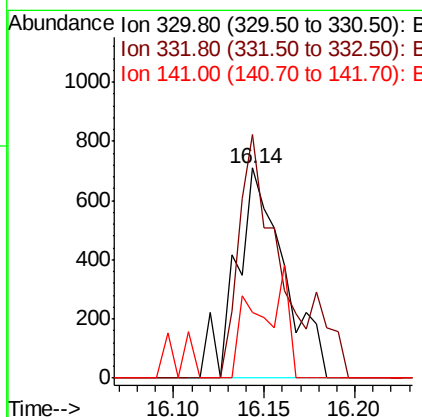
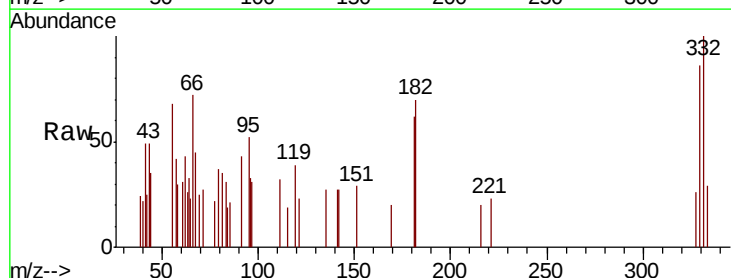
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#42
2,4,6-Tribromophenol
Concen: 0.725 ng
RT: 16.14 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Tgt Ion	Ratio	Lower	Upper
330	100		
332	90.1	77.4	116.0
141	33.8	22.8	34.2





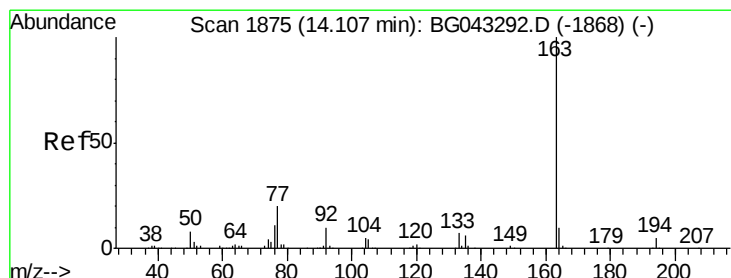
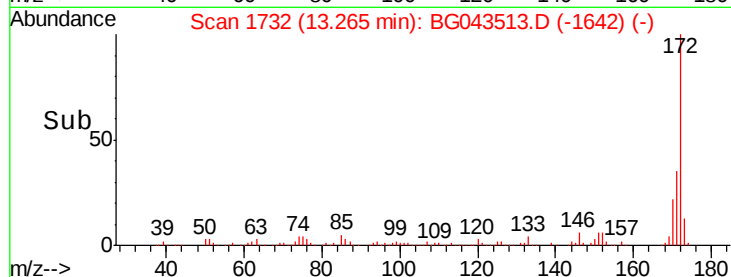
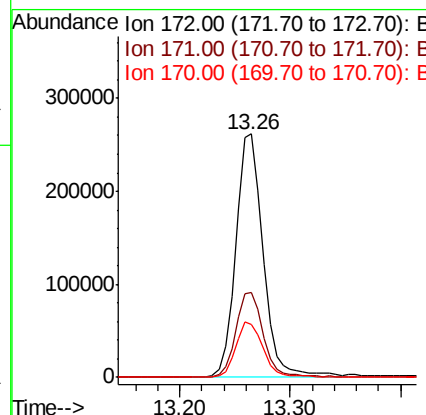
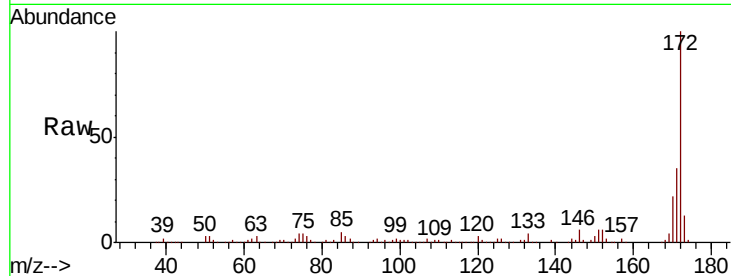
#45
2-Fluorobiphenyl
Concen: 66.457 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion	Ratio	Resp	Lower	Upper
172	100	456424		
171	35.1	28.9	43.3	
170	21.9	18.5	27.7	

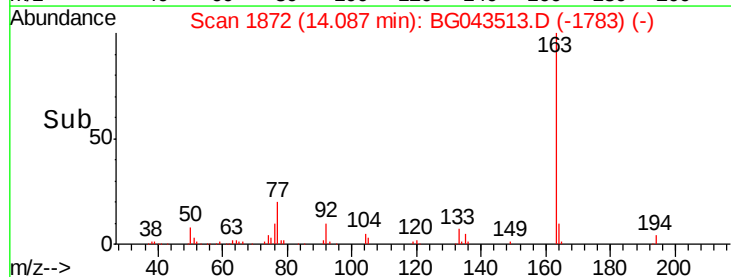
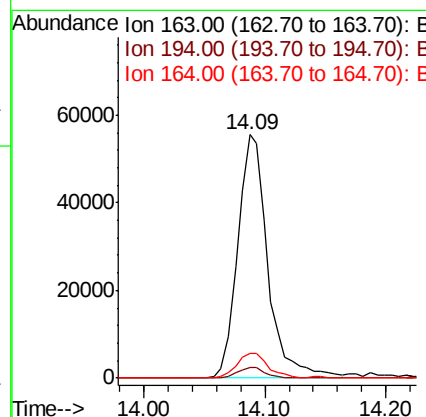
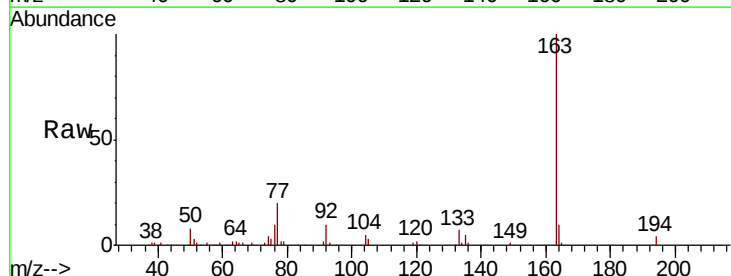
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#50
Dimethylphthalate
Concen: 13.111 ng
RT: 14.09 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	96375		
194	4.4	3.8	5.6	
164	10.2	8.9	13.3	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BG043513.D

Acq: 5 Nov 2019 18:28

Instrument :

BNA_G

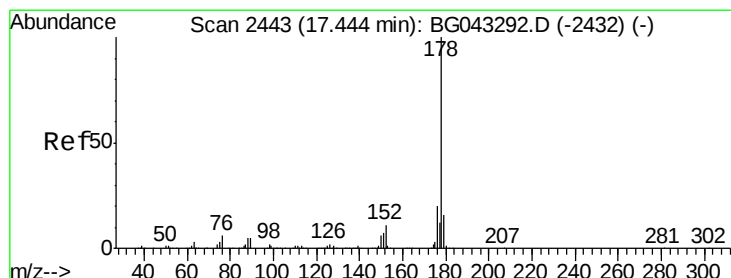
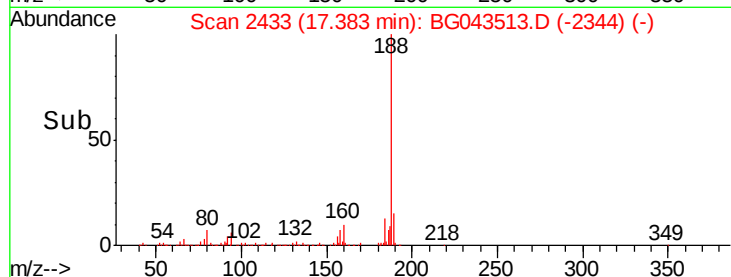
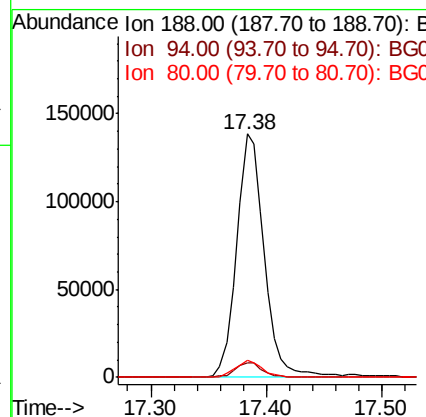
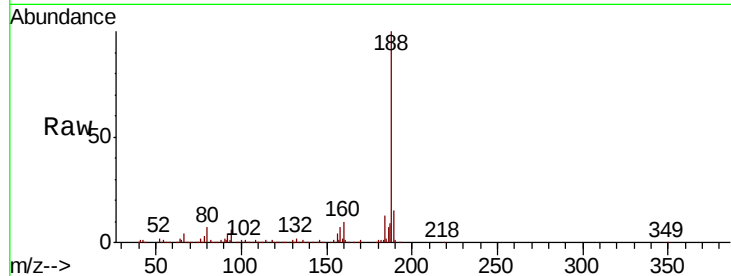
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
188	100	229201		
94	5.9	4.2	6.4	
80	7.2	4.5	6.7	

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#71

Phenanthrene

Concen: 3.251 ng

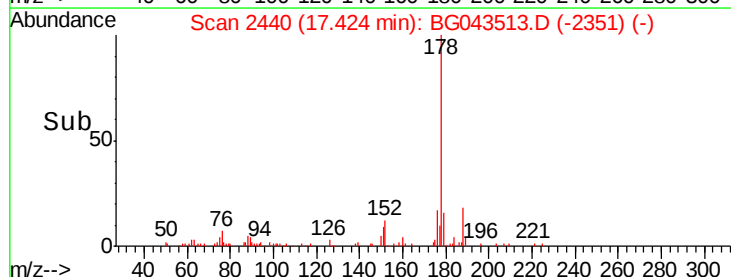
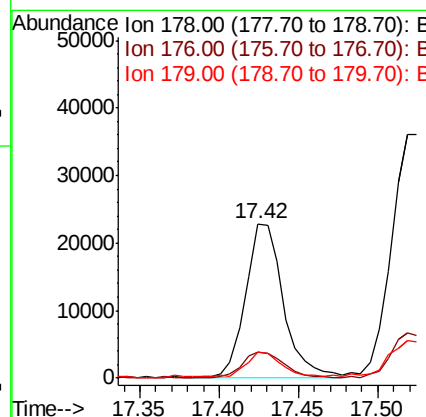
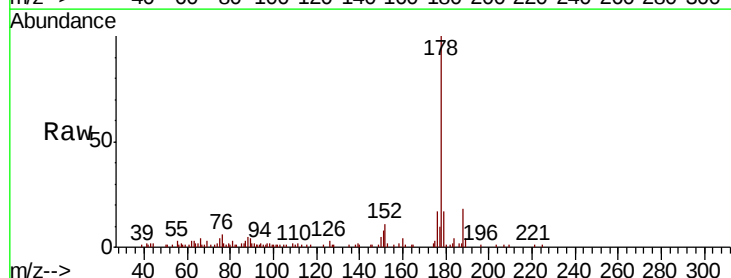
RT: 17.42 min Scan# 2440

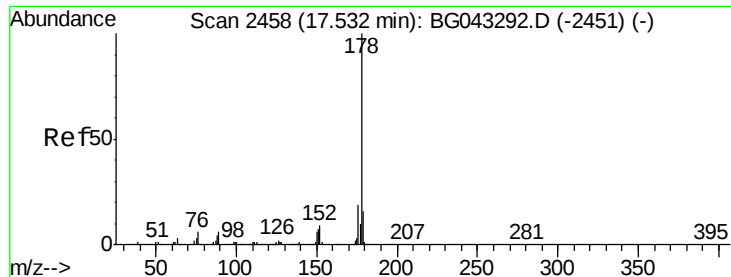
Delta R.T. -0.01 min

Lab File: BG043513.D

Acq: 5 Nov 2019 18:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	38161		
176	16.8	15.4	23.0	
179	17.1	13.0	19.6	





#72

Anthracene

Concen: 5.466 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG043513.D

Acq: 5 Nov 2019 18:28

Instrument :

BNA_G

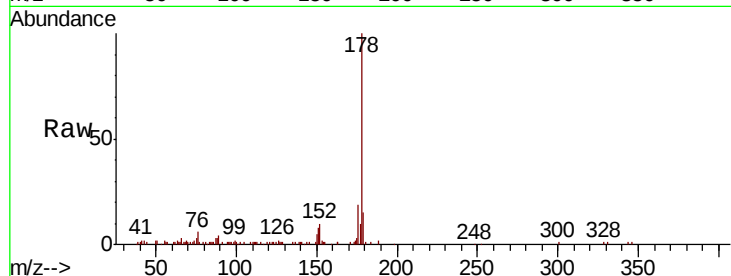
ClientSampleId :

20190941-AMENDED-COMPOSITE-

Tot Ion:	178	Resp:	64184
Ion Ratio	Lower	Upper	
178	100		
176	18.5	15.5	23.3
179	15.4	13.7	20.5

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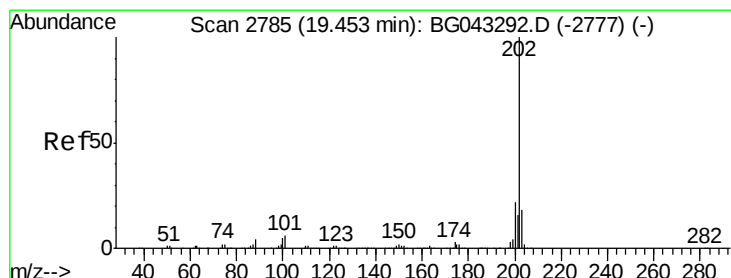
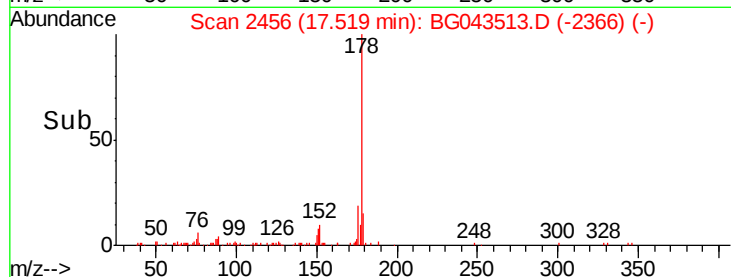
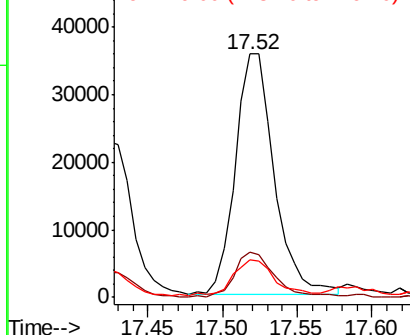


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 6.143 ng

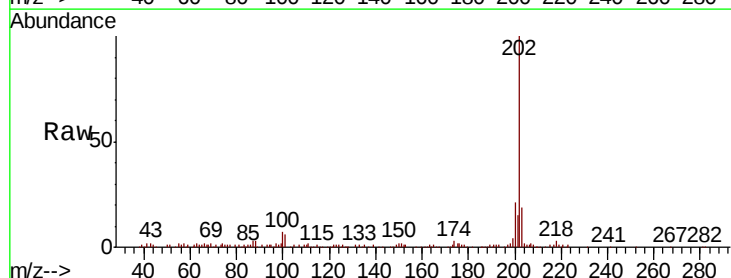
RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043513.D

Acq: 5 Nov 2019 18:28

Tgt Ion:	202	Resp:	93998
Ion Ratio	Lower	Upper	
202	100		
101	6.1	0.0	26.3
203	18.5	0.0	37.9

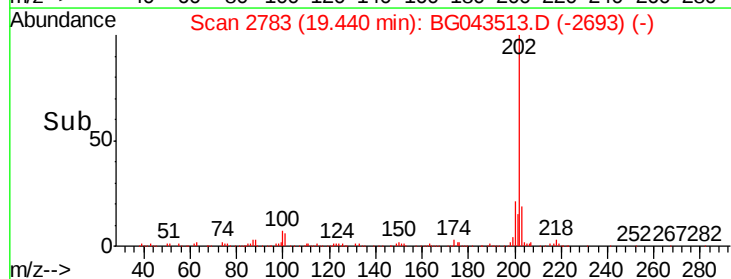
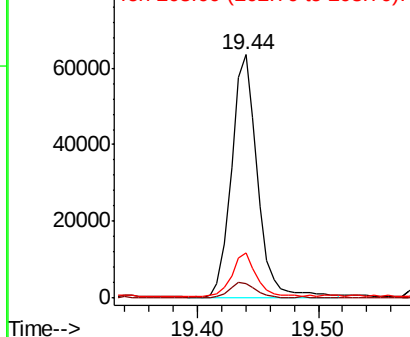


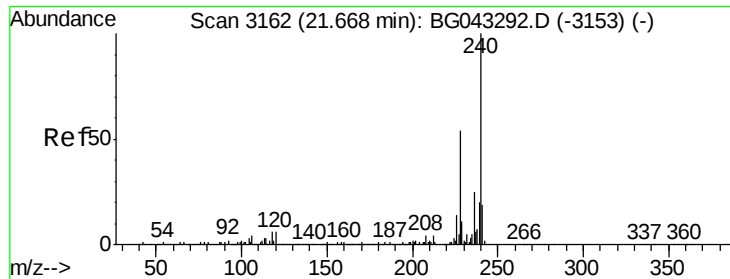
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





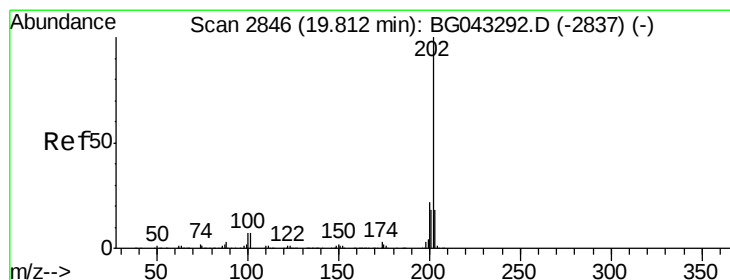
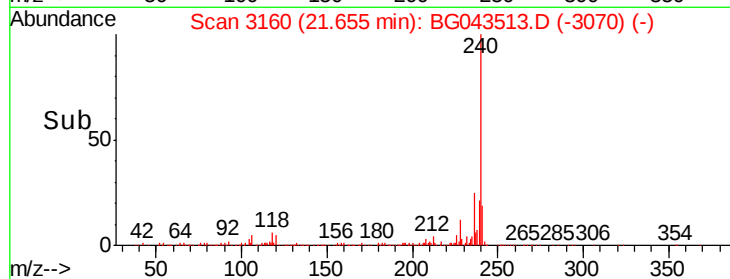
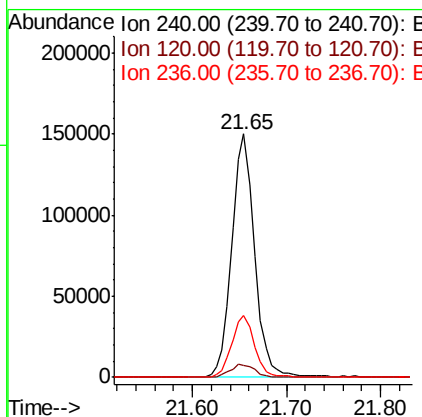
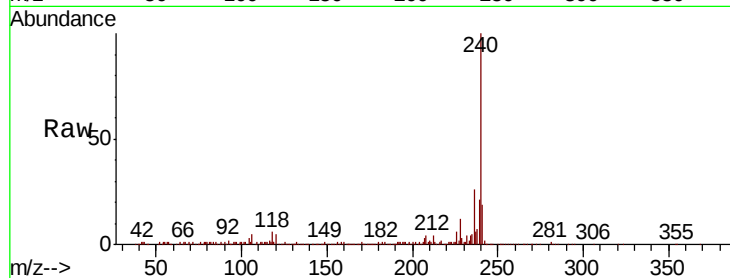
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.6	6.8
236	25.6	19.8	29.8

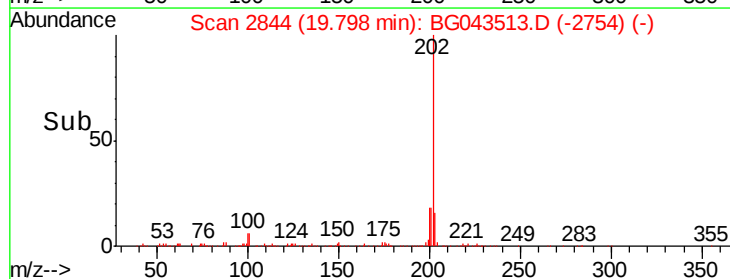
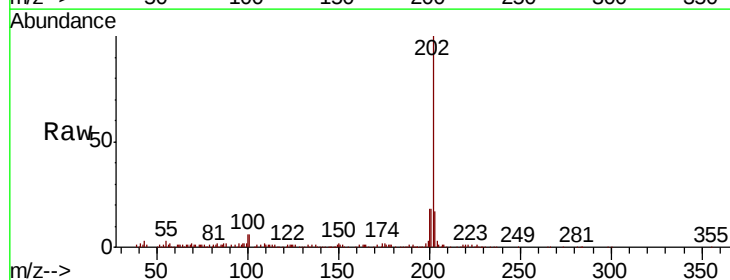
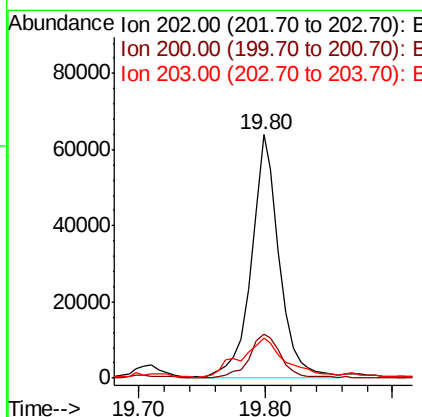
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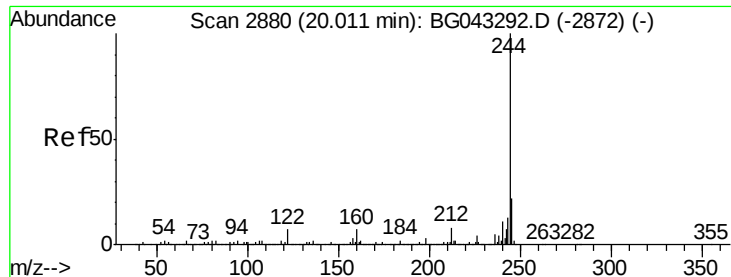
mohammad
11/6/2019 8:41:18 AM



#78
Pyrene
Concen: 6.180 ng
RT: 19.80 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	17.9	17.0	25.4
203	16.6	14.7	22.1





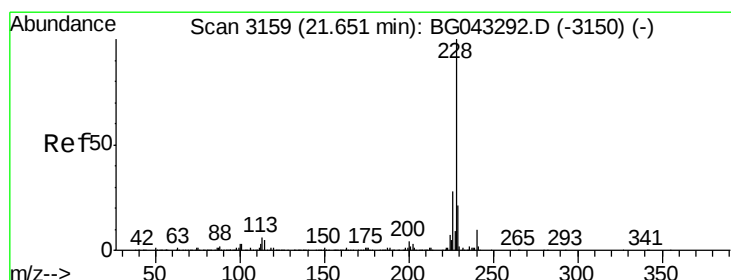
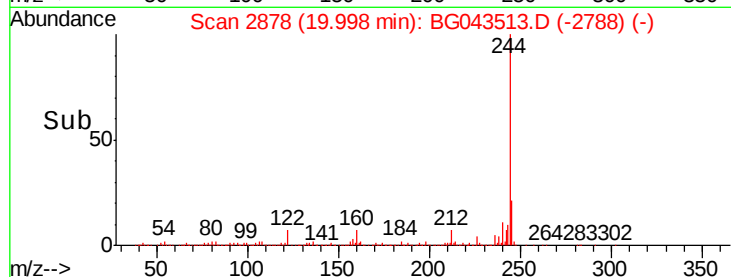
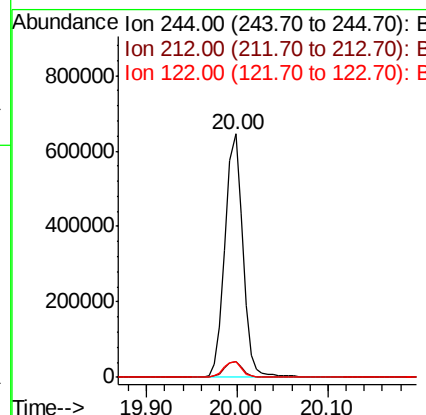
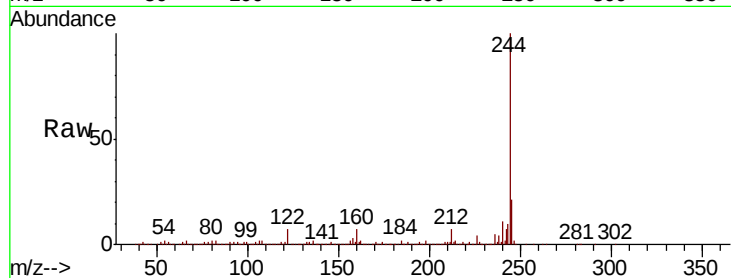
#79
 Terphenyl-d14
 Concen: 65.239 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043513.D
 Acq: 5 Nov 2019 18:28

Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	6.7	5.4	8.2

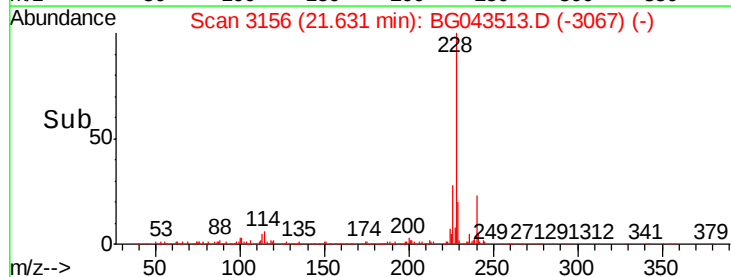
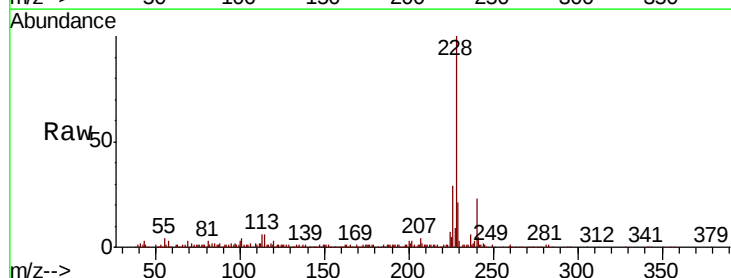
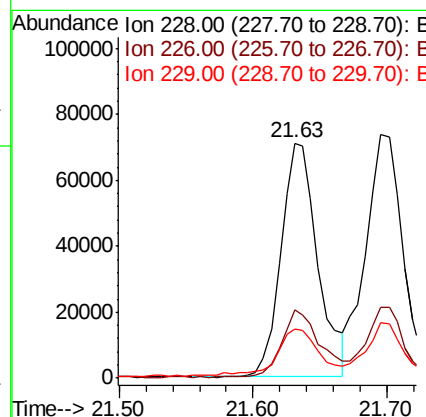
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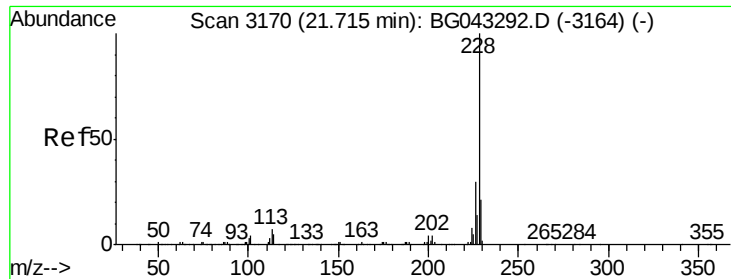
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#81
 Benzo(a)anthracene
 Concen: 8.607 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG043513.D
 Acq: 5 Nov 2019 18:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.2	33.2
229	20.6	17.0	25.4





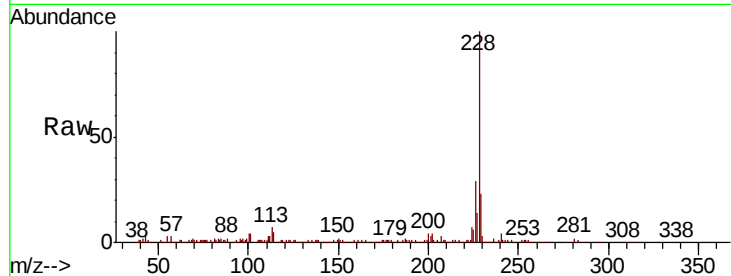
#83
 Chrvsene
 Concen: 9.076 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BG043513.D
 Acq: 5 Nov 2019 18:28

Instrument :
 BNA_G
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

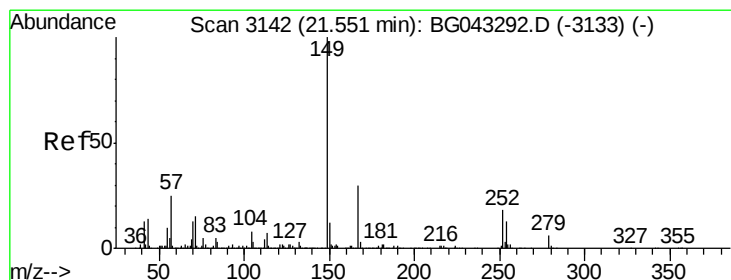
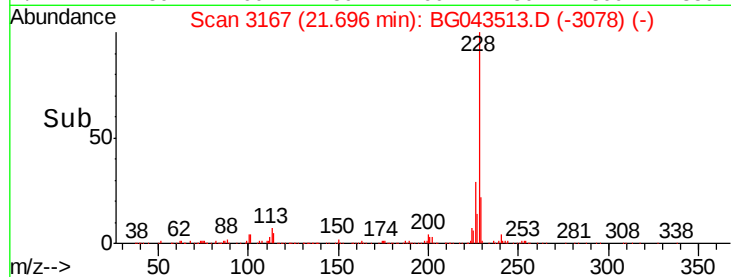
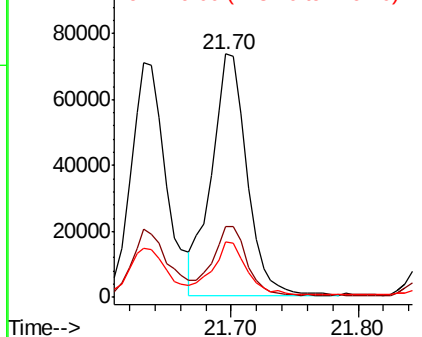
Tot Ion:	228	Resp:	142933
Ion Ratio	Lower	Upper	
228	100		
226	29.3	25.1	37.7
229	22.5	17.0	25.4

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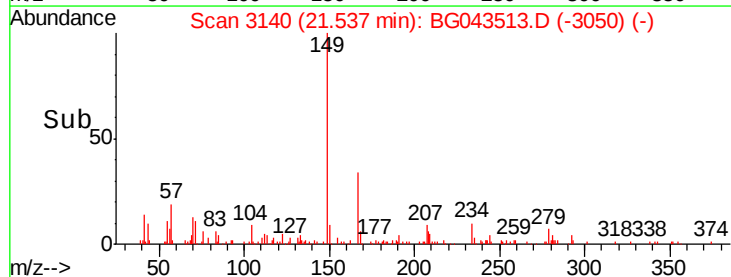
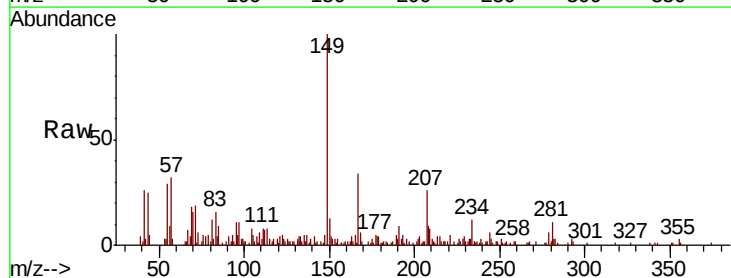
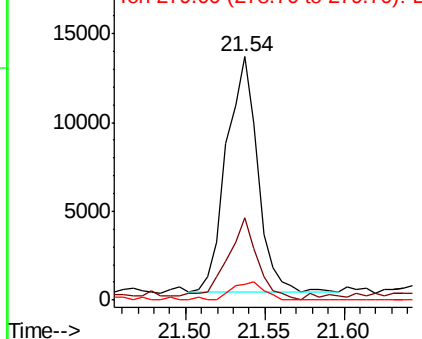
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

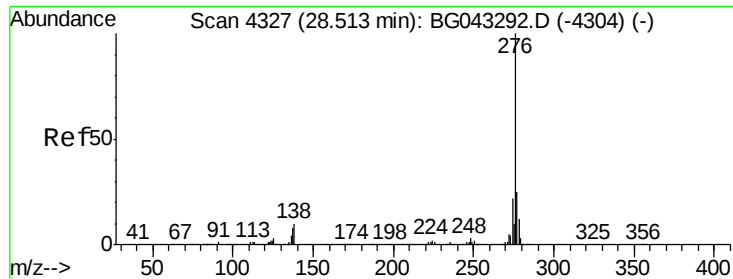


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.149 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG043513.D
 Acq: 5 Nov 2019 18:28

Tgt Ion:	149	Resp:	18118
Ion Ratio	Lower	Upper	
149	100		
167	34.0	24.0	36.0
279	6.3	5.4	8.2

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





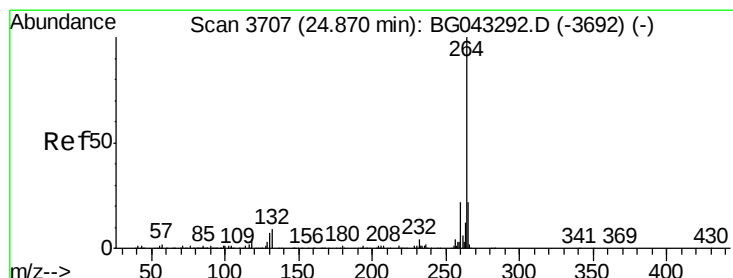
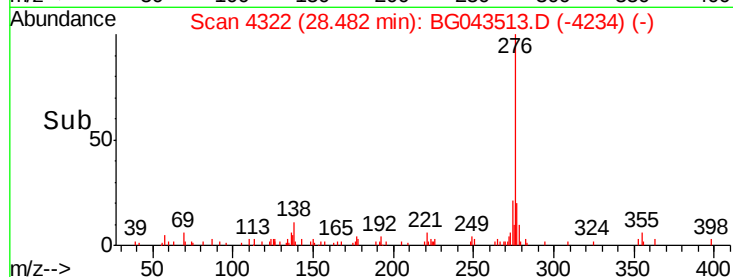
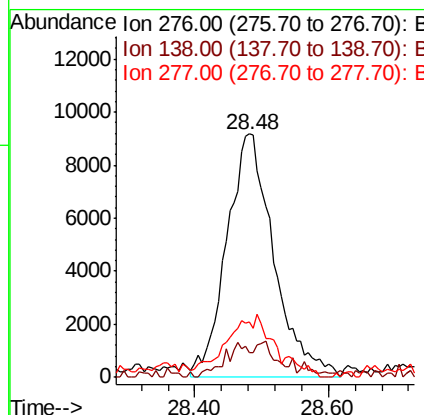
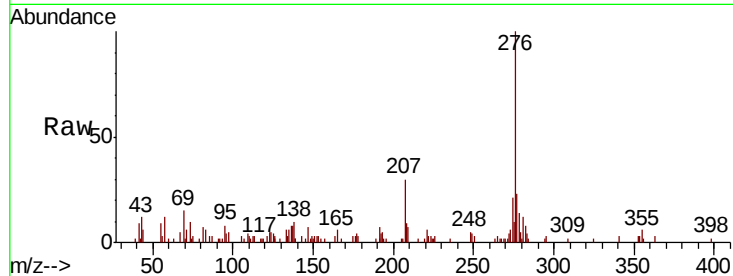
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.275 ng
RT: 28.48 min Scan# 4322
Delta R.T. -0.01 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.0	6.8	10.2
277	12.4	20.9	31.3#

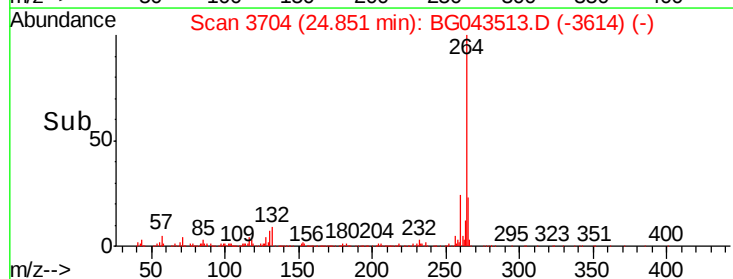
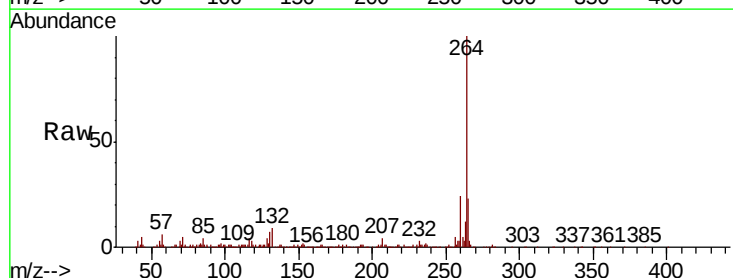
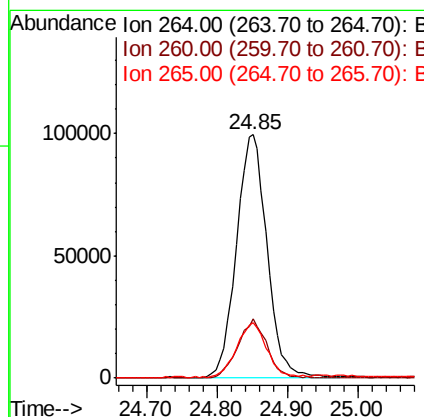
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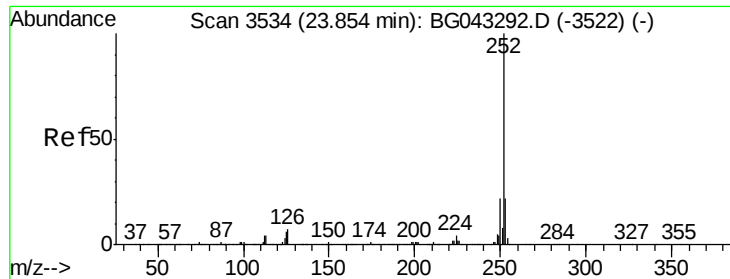
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3704
Delta R.T. -0.00 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.5	26.3
265	23.0	17.4	26.0





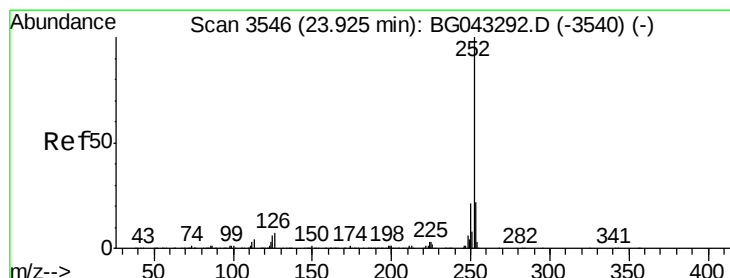
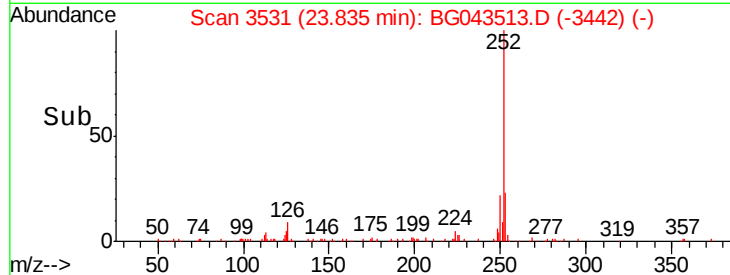
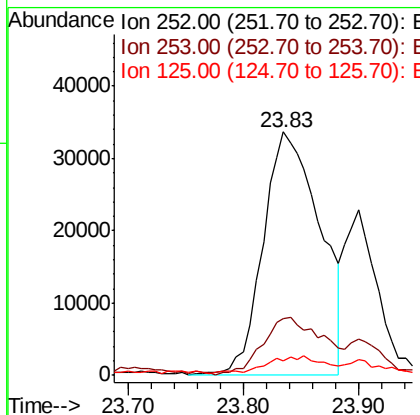
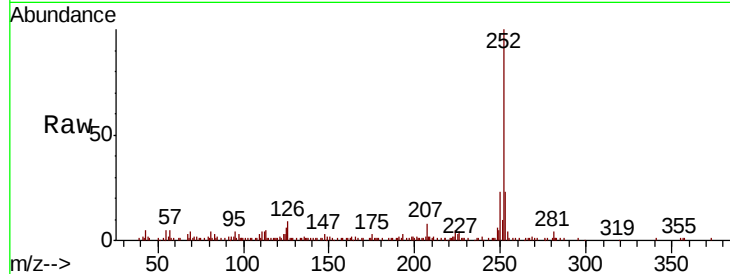
#88
Benzo(b)fluoranthene
Concen: 6.781 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	6.1	4.5	6.7

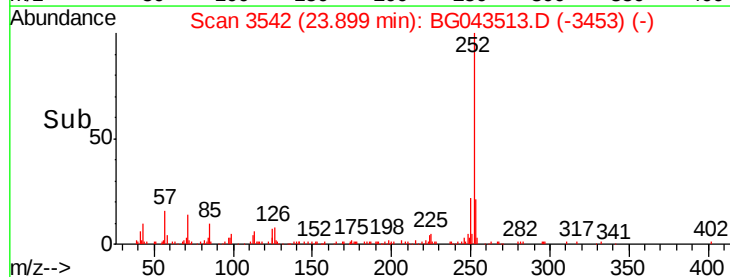
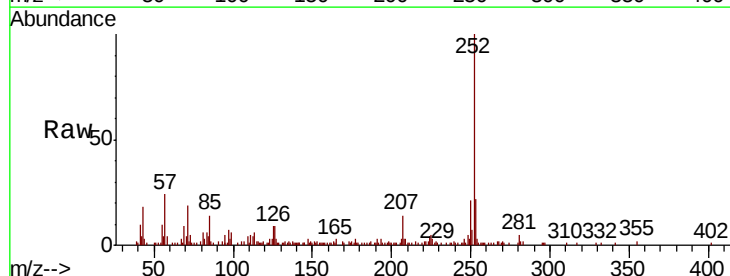
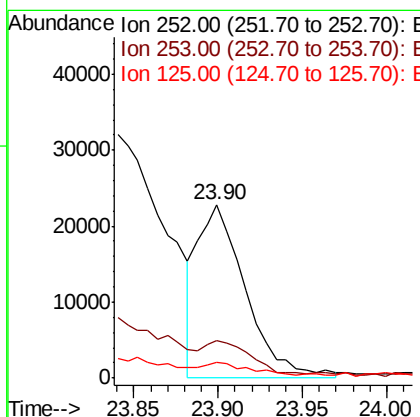
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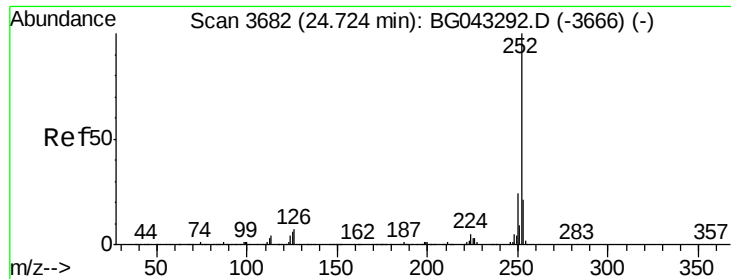
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#89
Benzo(k)fluoranthene
Concen: 2.649 ng m
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	9.2	4.6	6.8#





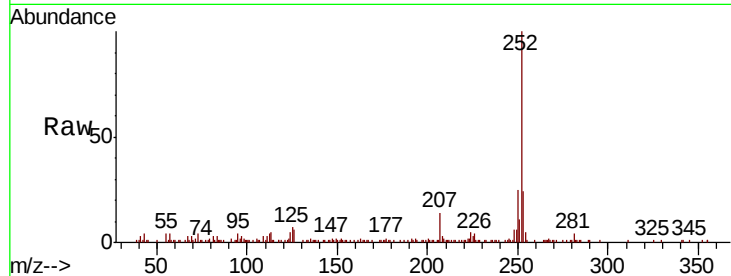
#90
Benzo(a)pyrene
Concen: 5.196 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Instrument :
BNA_G
ClientSampleId :
20190941-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	6.6	5.4	8.2

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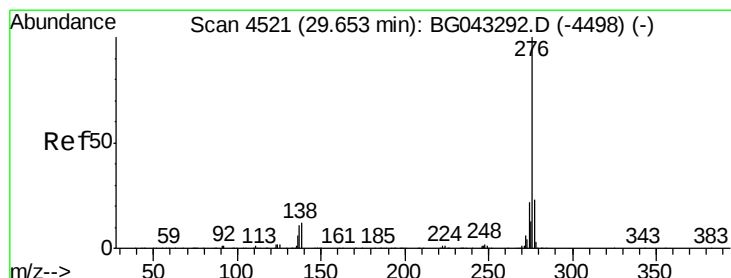
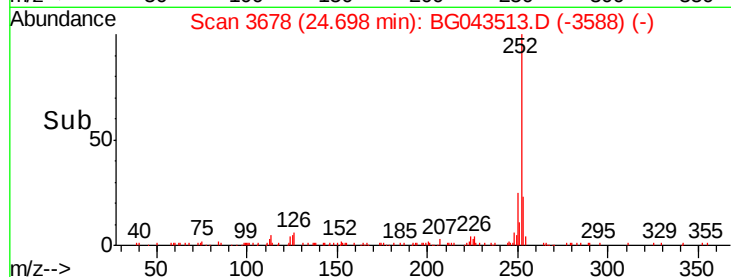
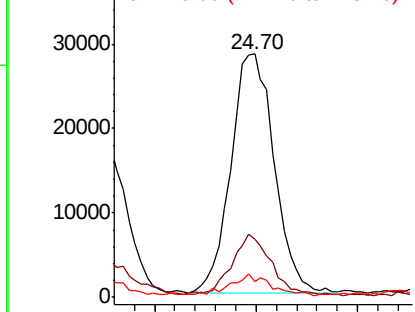


Abundance

Ion 252.00 (251.70 to 252.70): E

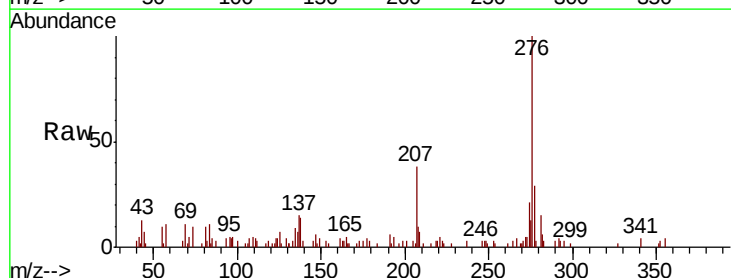
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.668 ng
RT: 29.62 min Scan# 4515
Delta R.T. -0.01 min
Lab File: BG043513.D
Acq: 5 Nov 2019 18:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	29.2	18.9	28.3#
138	14.2	8.9	13.3#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

