

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
 Data File : BG043229.D
 Acq On : 15 Oct 2019 21:44
 Operator : JU
 Sample : K5148-05 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119

Manual Integrations
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mohammad
 10/17/2019 7:57:27 AM

Quant Time: Oct 16 03:41:45 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	65796	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	250646	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	175303	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	371690	20.00	ng	0.00
76) Chrysene-d12	21.70	240	404370	20.00	ng	0.00
87) Perylene-d12	24.93	264	484635	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	163063	44.23	ng	0.00
7) Phenol-d6	7.22	99	238567	44.93	ng	0.00
23) Nitrobenzene-d5	9.22	82	142552	27.64	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	134611	44.66	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	388746	32.15	ng	0.00
79) Terphenyl-d14	20.03	244	661251	34.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.12	163	60990	4.643	ng	Qvalue # 97
71) Phenanthrene	17.47	178	86364	4.759	ng	98
75) Fluoranthene	19.48	202	212816	8.867	ng	96
78) Pyrene	19.83	202	212173	8.791	ng	99
81) Benzo(a)anthracene	21.67	228	114040	4.526	ng	96
83) Chrysene	21.74	228	120375	4.923	ng	96
86) Indeno(1,2,3-cd)pyrene	28.59	276	83515	2.744	ng	# 92
88) Benzo(b)fluoranthene	23.91	252	163354	5.957	ng	# 93
89) Benzo(k)fluoranthene	23.95	252	54591m	2.012	ng	
90) Benzo(a)pyrene	24.77	252	124390	4.808	ng	# 95
92) Benzo(g,h,i)perylene	29.75	276	89032	3.464	ng	98

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

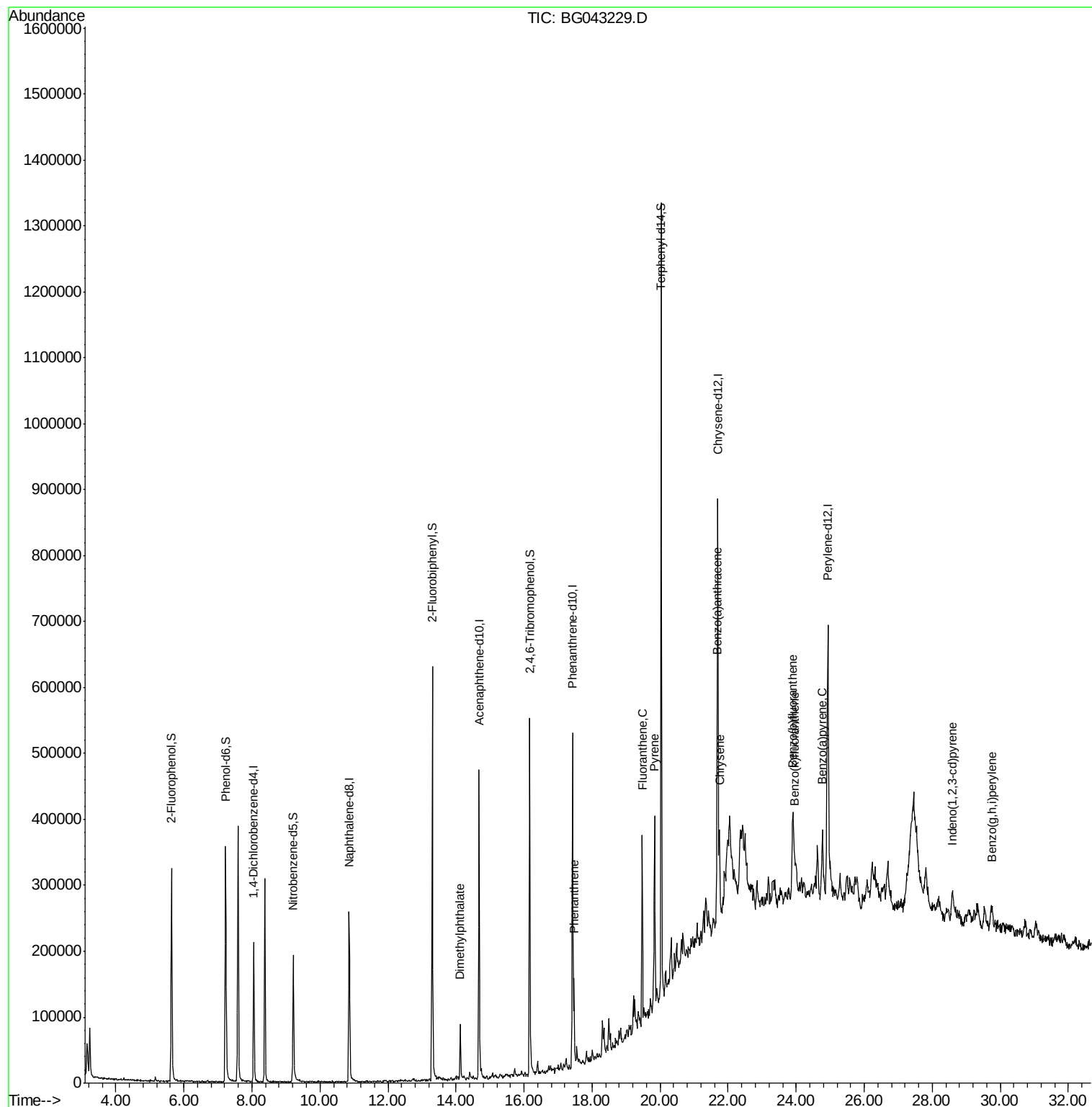
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043229.D
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Operator : JU
Sample : K5148-05 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

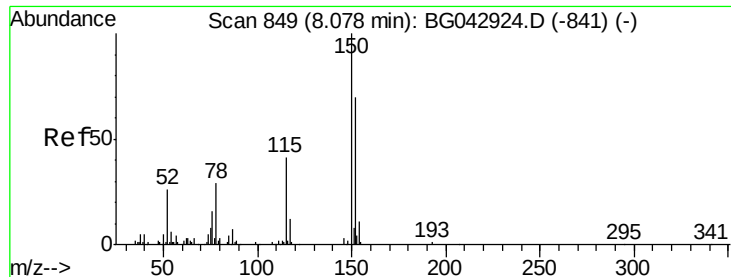
Instrument :
BNA_G
ClientSampleId :
OR-03-101119

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Quant Time: Oct 16 03:41:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

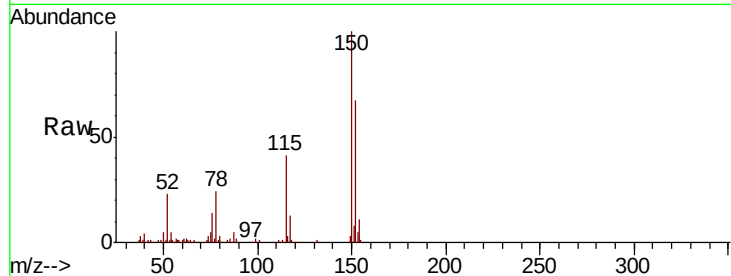
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
OR-03-101119

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	115.0	172.4
115	60.8	47.0	70.6

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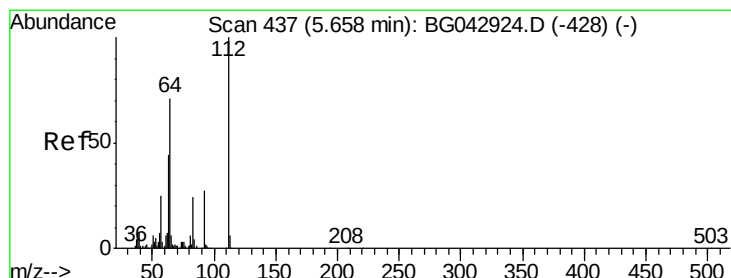
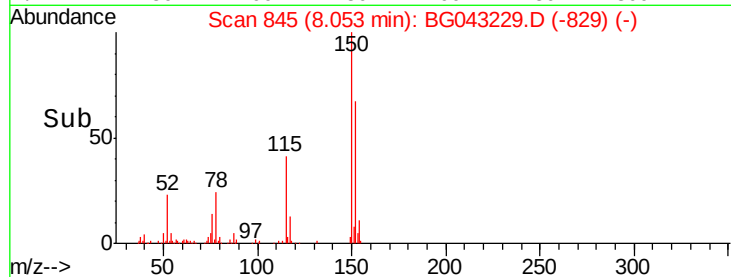
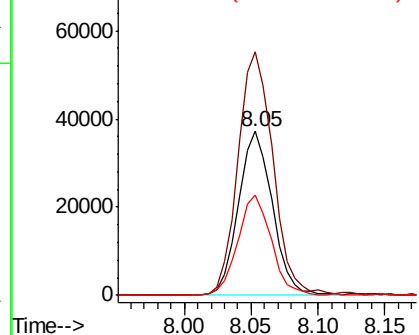


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

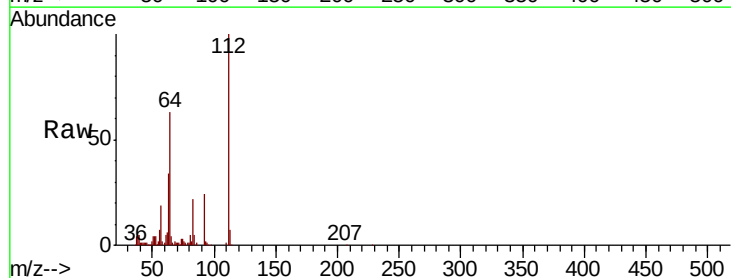
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.228 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	56.6	84.8
63	33.6	35.1	52.7#

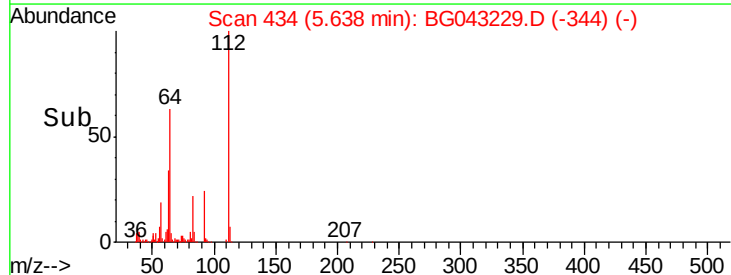
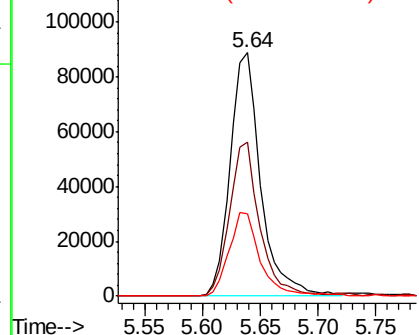


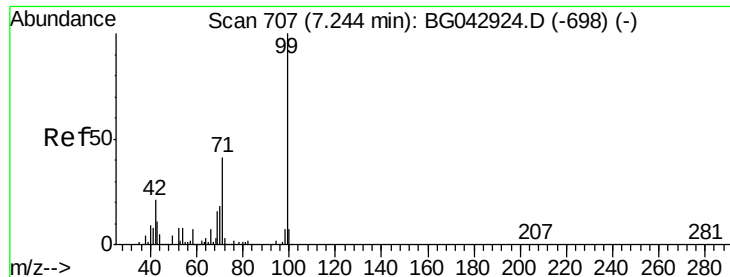
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 44.934 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043229.D

Acq: 15 Oct 2019 21:44

Instrument :

BNA_G

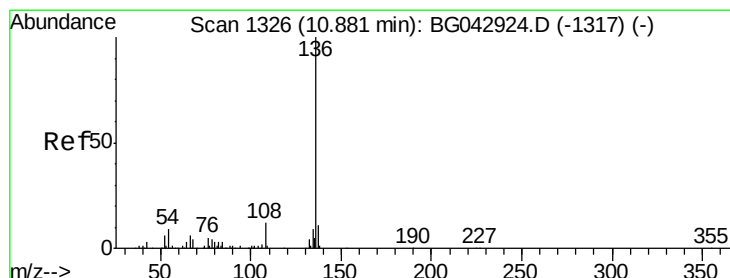
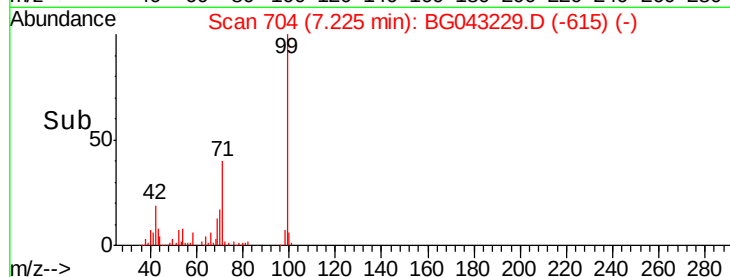
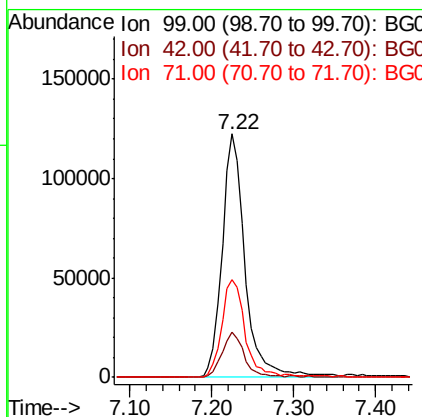
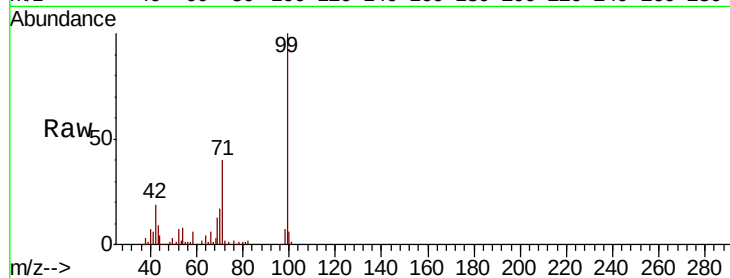
ClientSampleId :

OR-03-101119

Tot Ion:	99	Resp:	238567
Ion Ratio	Lower	Upper	
99	100		
42	18.7	17.2	25.8
71	40.3	33.1	49.7

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#21

Naphthalene-d8

Concen: 20.000 ng

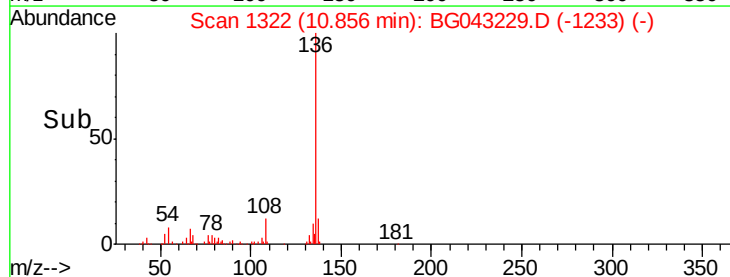
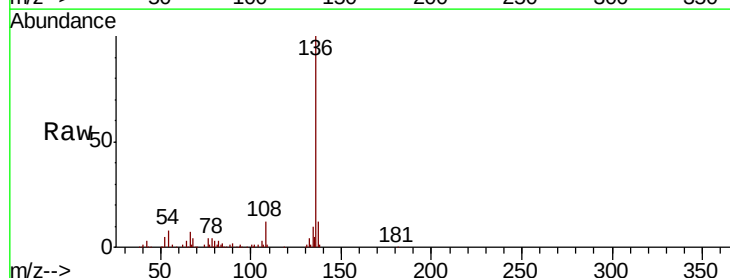
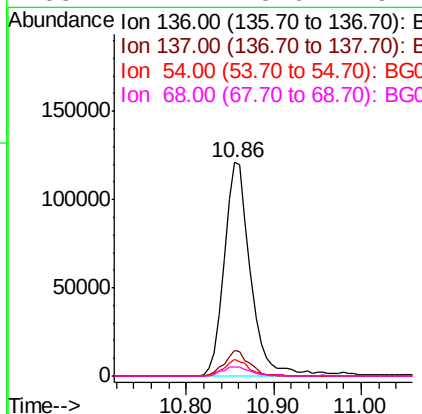
RT: 10.86 min Scan# 1322

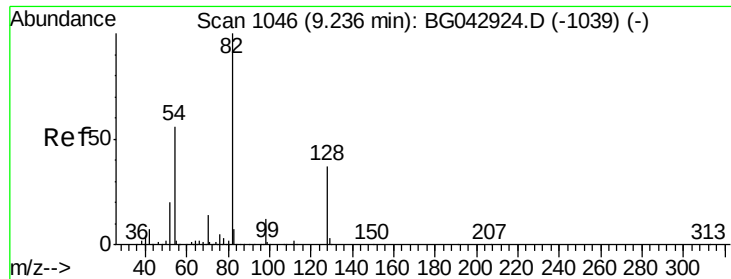
Delta R.T. -0.01 min

Lab File: BG043229.D

Acq: 15 Oct 2019 21:44

Tgt Ion:	136	Resp:	250646
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.5	12.7
54	8.0	7.4	11.2
68	4.4	3.6	5.4





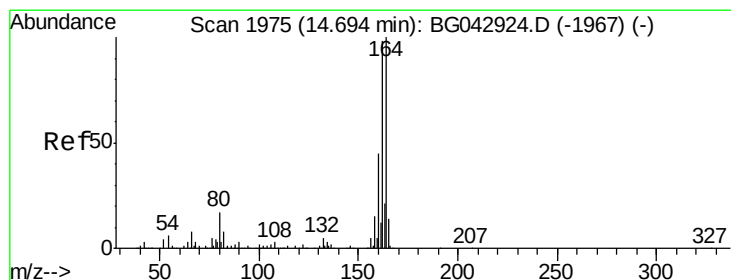
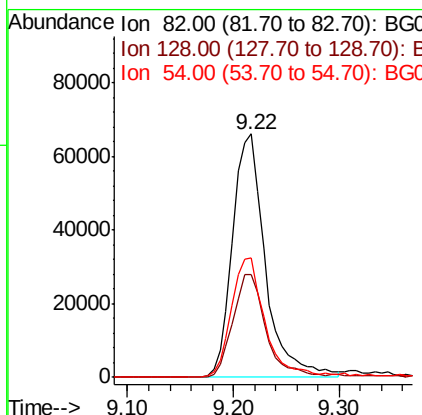
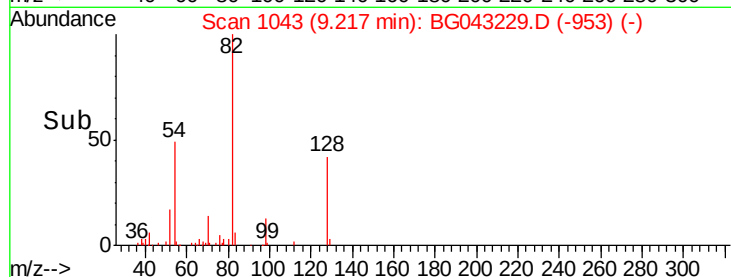
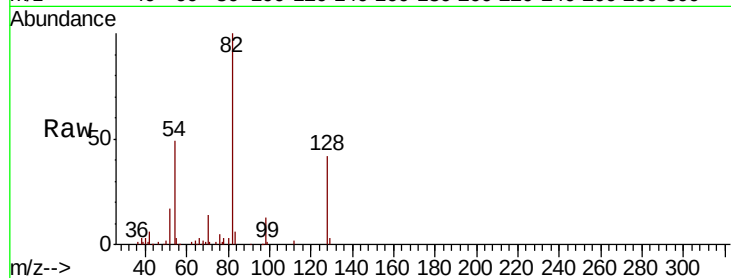
#23
 Nitrobenzene-d5
 Concen: 27.644 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BG043229.D
 Acq: 15 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.5	44.3
54	48.9	44.6	67.0

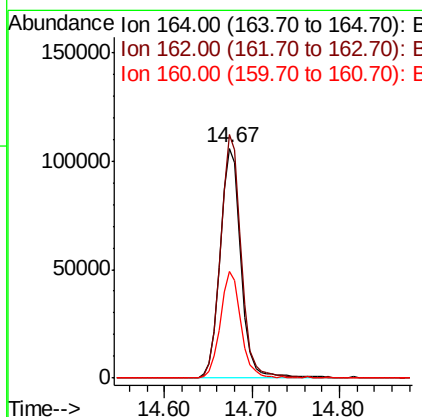
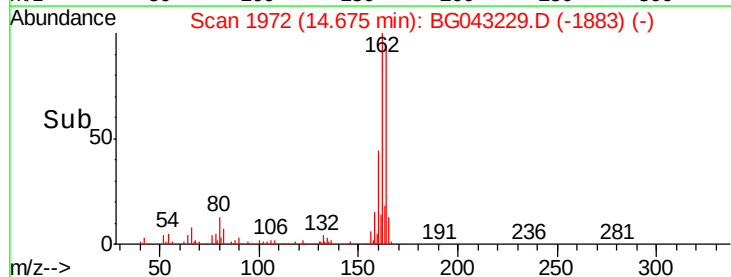
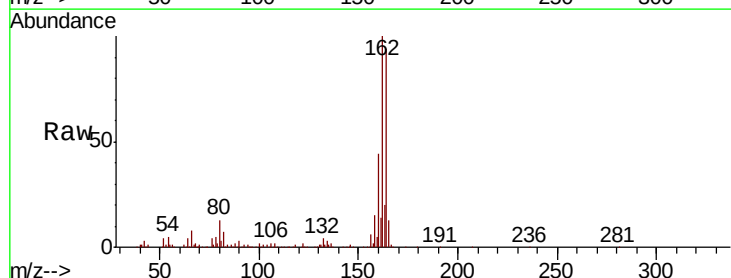
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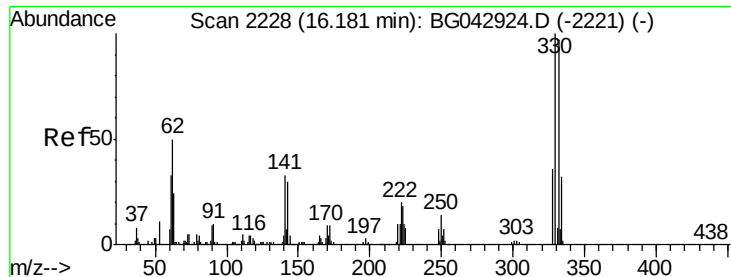
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: BG043229.D
 Acq: 15 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	78.5	117.7
160	46.2	35.9	53.9





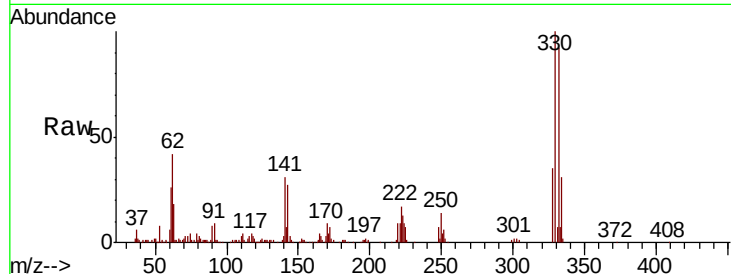
#42
2,4,6-Tribromophenol
Concen: 44.655 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
OR-03-101119

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.2	117.2
141	29.0	26.0	39.0

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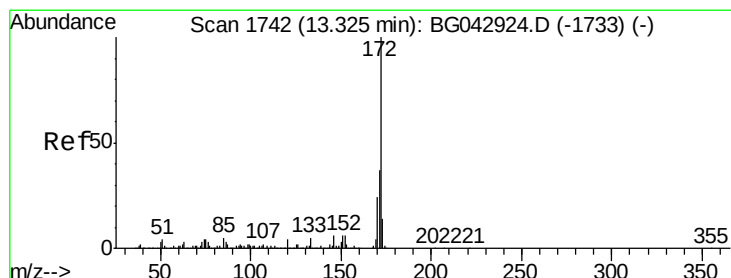
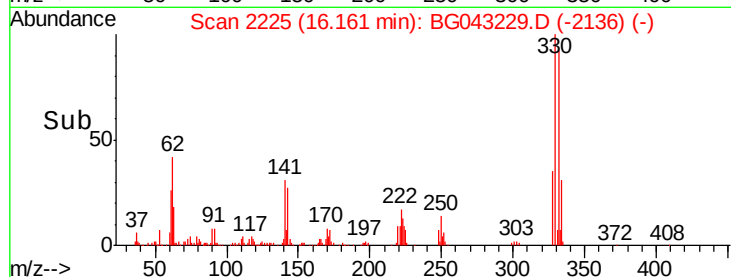
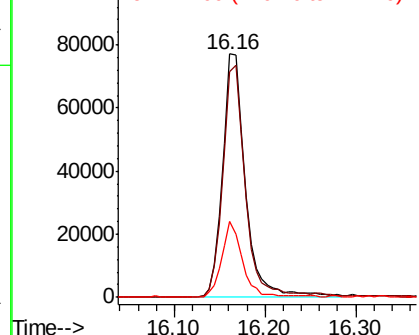


Abundance

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: 32.148 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

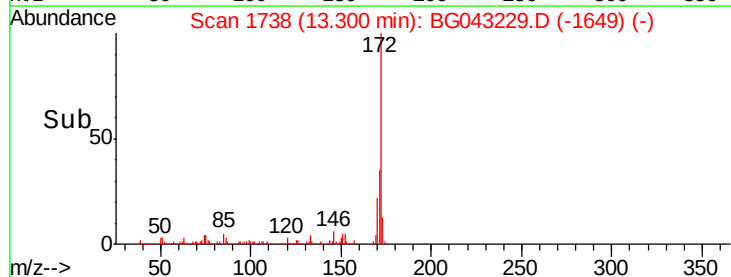
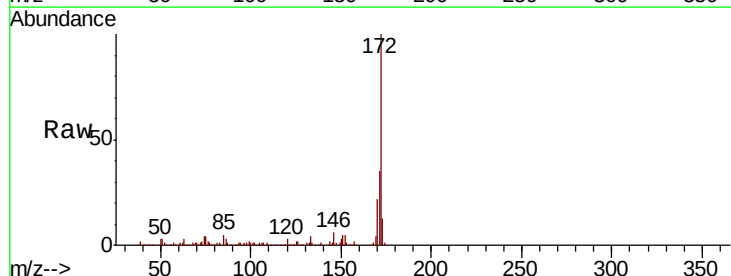
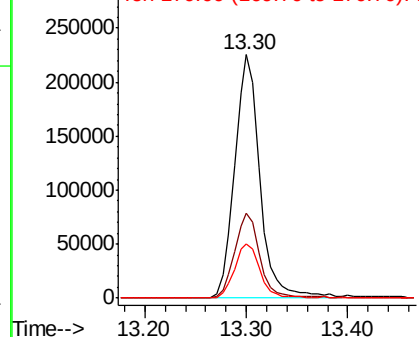
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.6	44.4
170	22.1	19.6	29.4

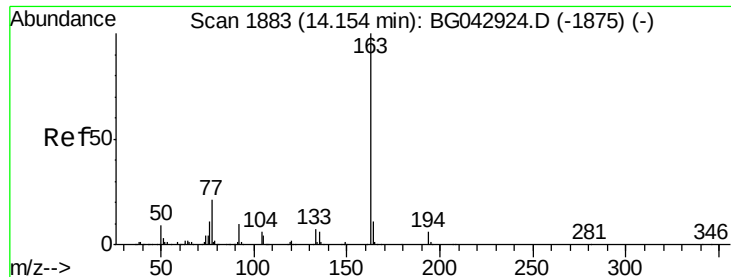
Abundance

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





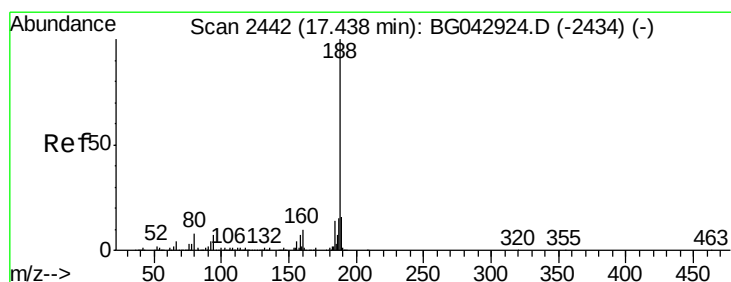
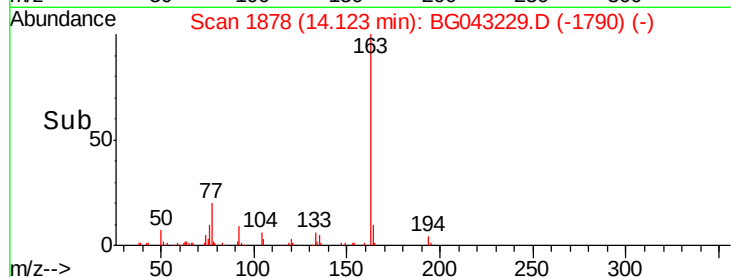
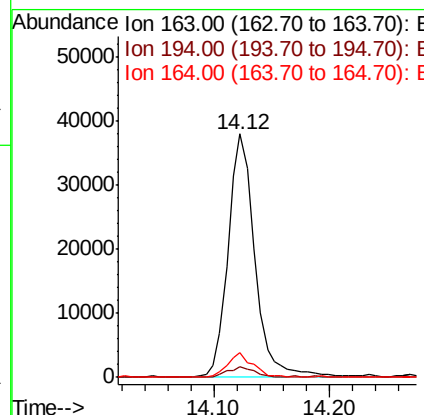
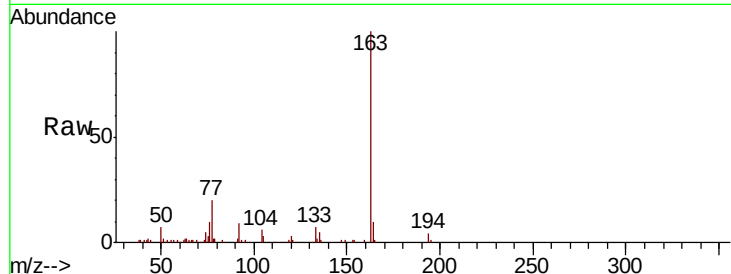
#50
Dimethylphthalate
Concen: 4.643 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
OR-03-101119

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.4	6.6#
164	9.9	8.6	12.8

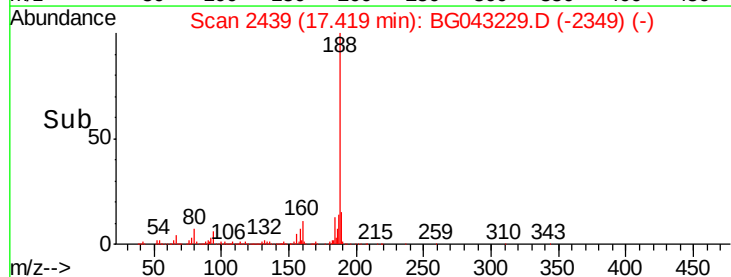
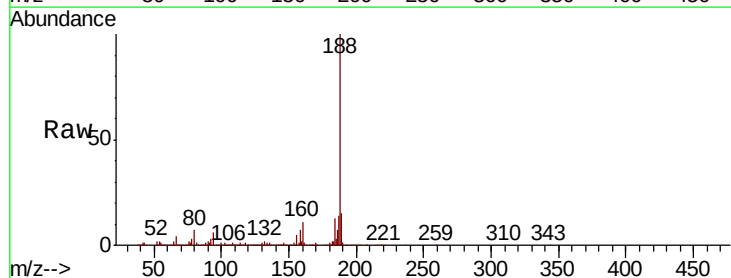
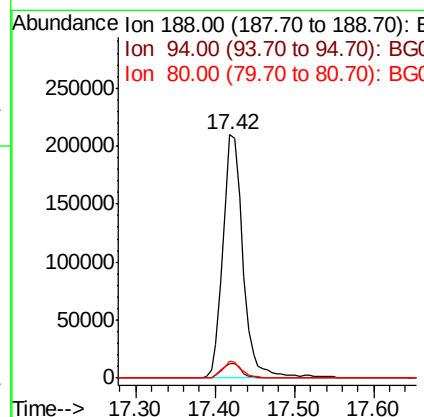
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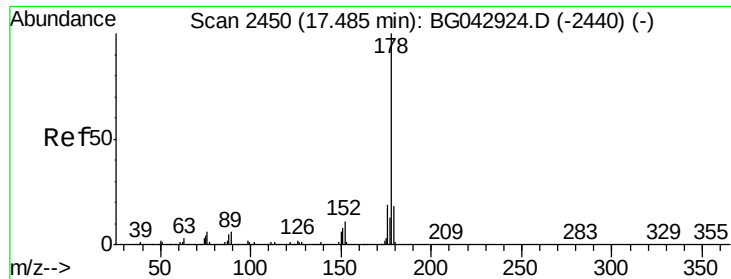
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	7.0	6.5	9.7





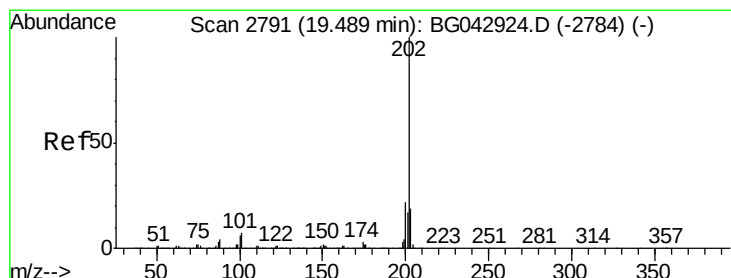
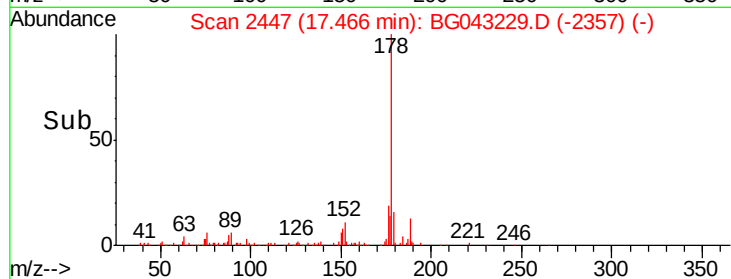
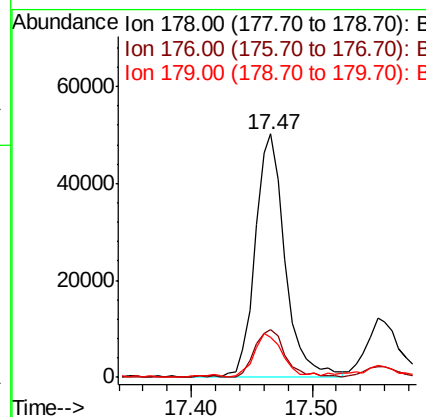
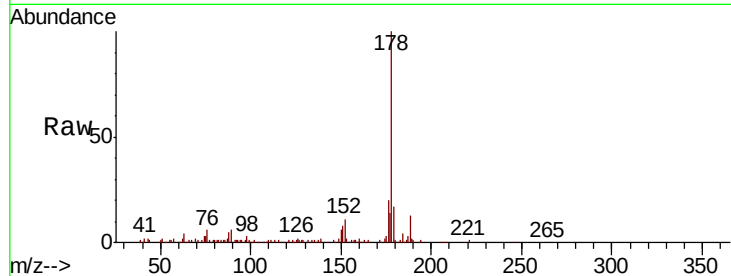
#71
Phenanthrene
Concen: 4.759 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
OR-03-101119

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	16.6	14.1	21.1

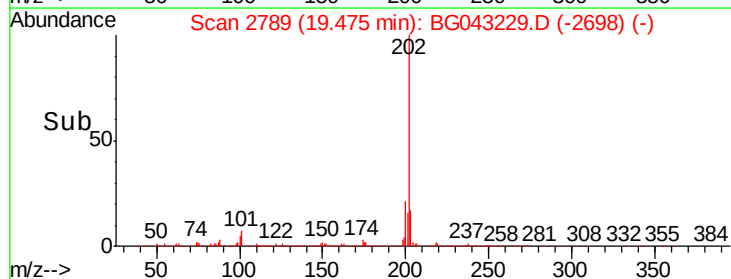
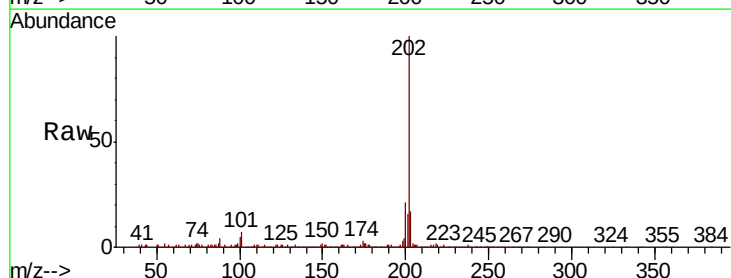
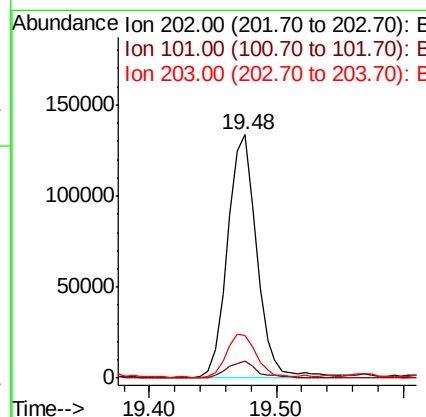
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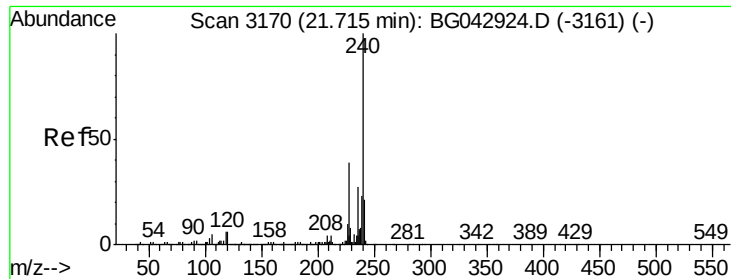
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#75
Fluoranthene
Concen: 8.867 ng
RT: 19.48 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.3
203	17.3	0.0	39.5





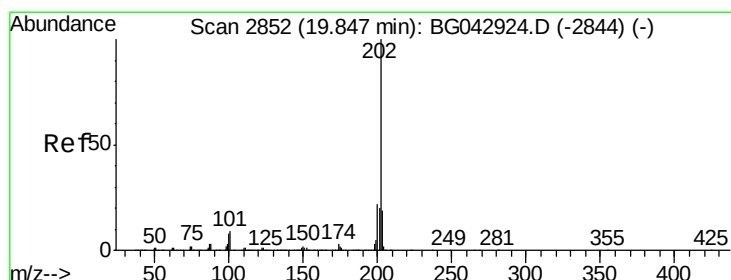
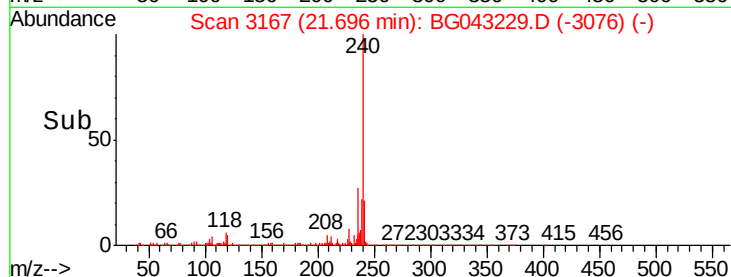
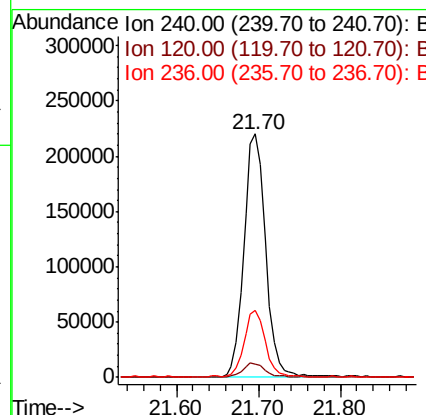
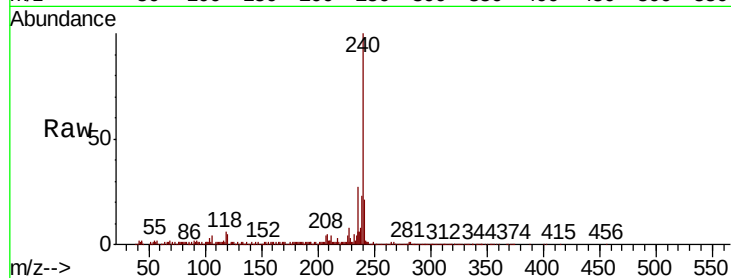
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
OR-03-101119

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.8	7.2
236	27.3	21.4	32.0

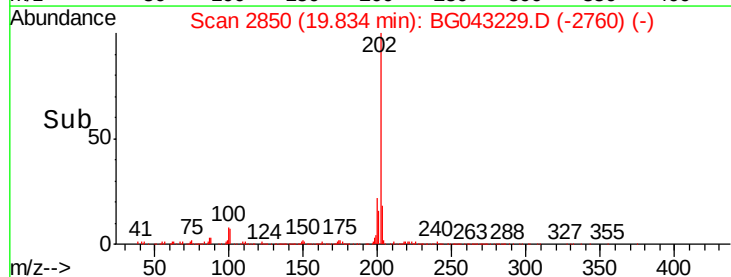
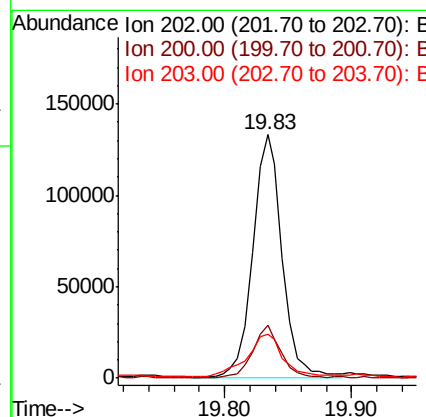
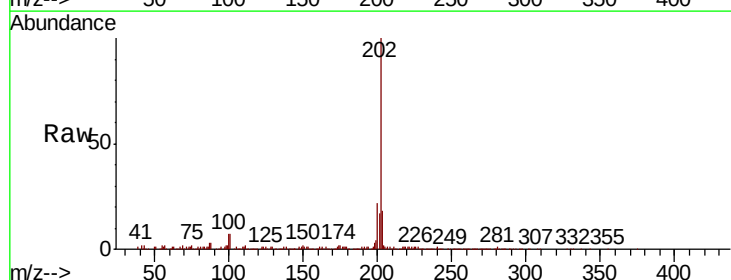
Manual Integrations
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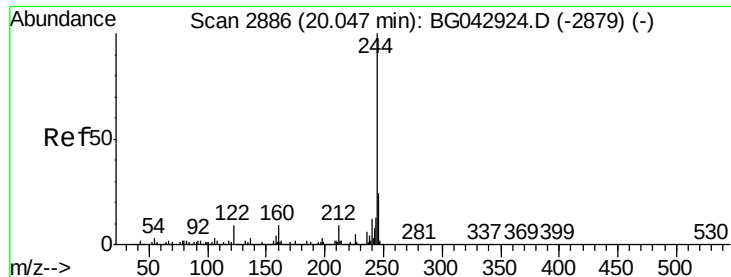
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#78
Pyrene
Concen: 8.791 ng
RT: 19.83 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.6	26.4
203	18.1	15.2	22.8





#79

Terphenyl-d14

Concen: 34.845 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043229.D

Acq: 15 Oct 2019 21:44

Instrument :

BNA_G

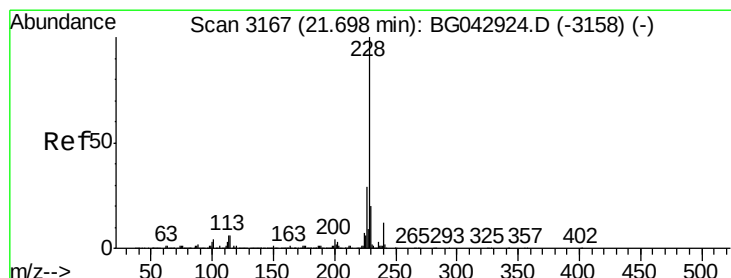
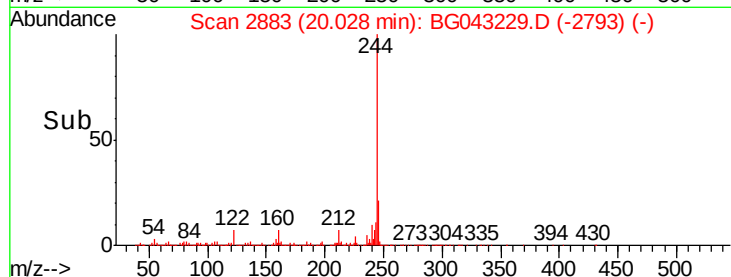
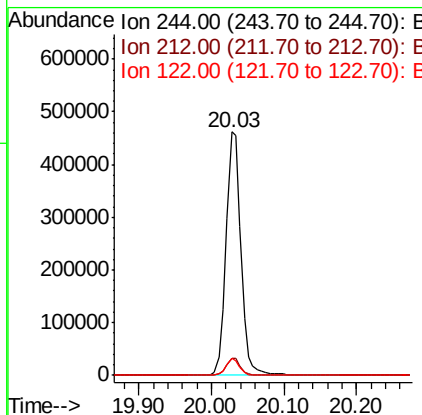
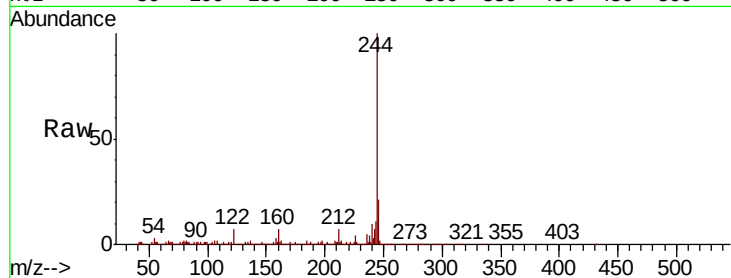
ClientSampleId :

OR-03-101119

Tot Ion:	244	Resp:	661251
Ion Ratio		Lower	Upper
244	100		
212	7.2	7.4	11.0#
122	6.8	7.0	10.4#

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#81

Benzo(a)anthracene

Concen: 4.526 ng

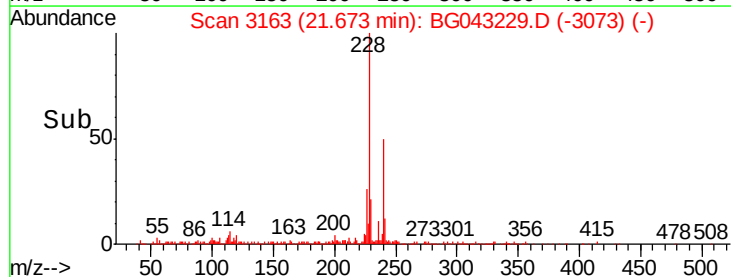
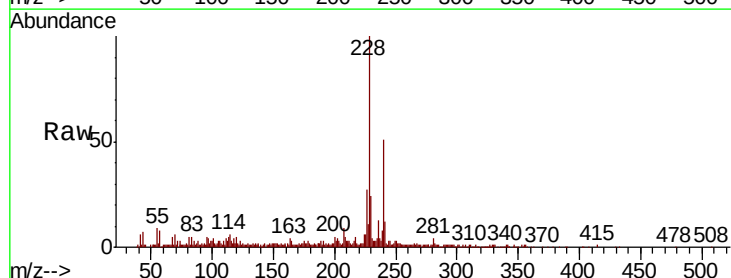
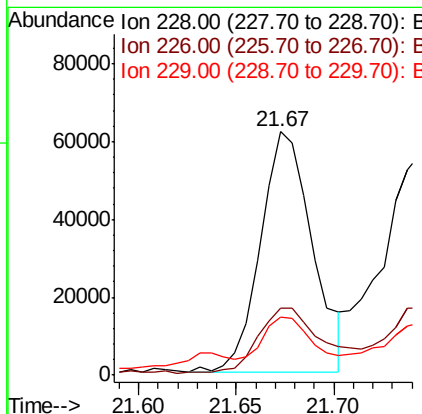
RT: 21.67 min Scan# 3163

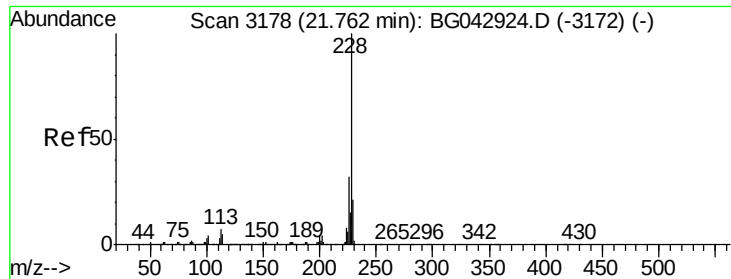
Delta R.T. 0.00 min

Lab File: BG043229.D

Acq: 15 Oct 2019 21:44

Tgt Ion:	228	Resp:	114040
Ion Ratio		Lower	Upper
228	100		
226	27.4	23.0	34.4
229	23.6	16.3	24.5





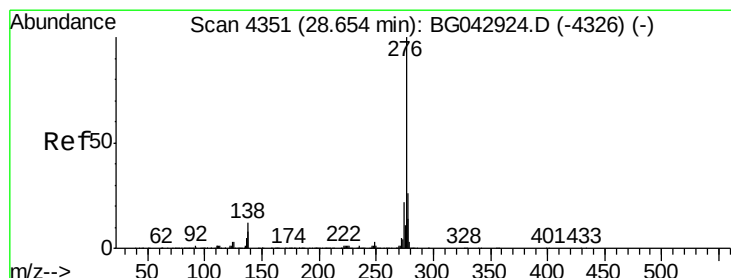
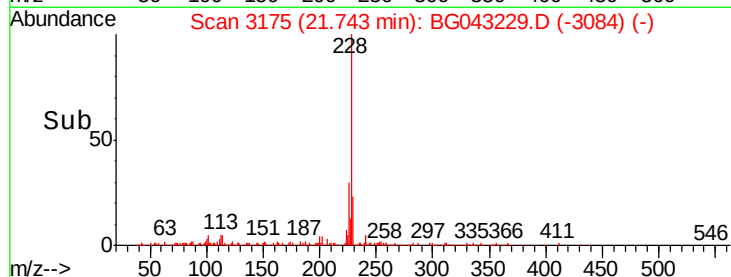
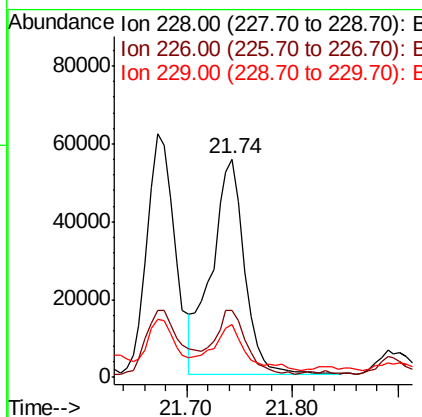
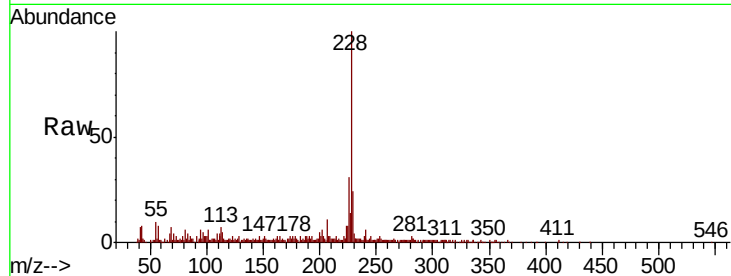
#83
 Chrysene
 Concen: 4.923 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. 0.01 min
 Lab File: BG043229.D
 Acq: 15 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119

Tot Ion:	228	Resp:	120375
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.6	38.4
229	24.4	16.9	25.3

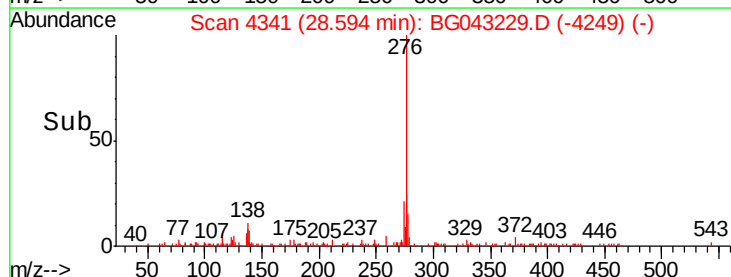
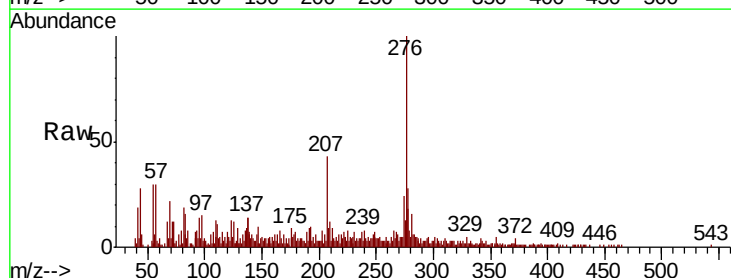
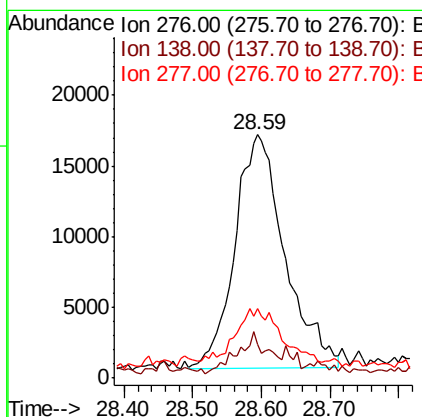
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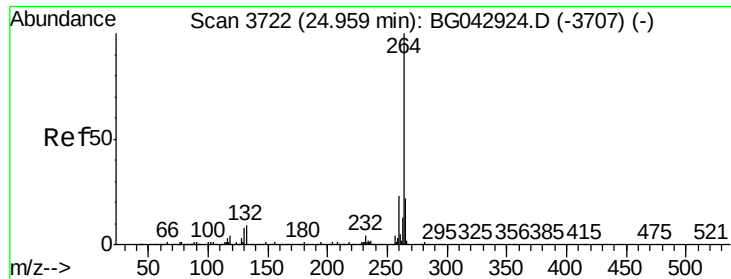
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#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.744 ng
 RT: 28.59 min Scan# 4341
 Delta R.T. 0.01 min
 Lab File: BG043229.D
 Acq: 15 Oct 2019 21:44

Tgt Ion:	276	Resp:	83515
Ion Ratio	Lower	Upper	
276	100		
138	10.7	7.0	10.6#
277	21.2	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. 0.02 min

Lab File: BG043229.D

Acq: 15 Oct 2019 21:44

Instrument :

BNA_G

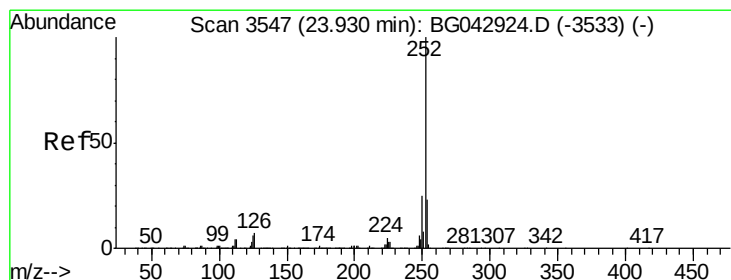
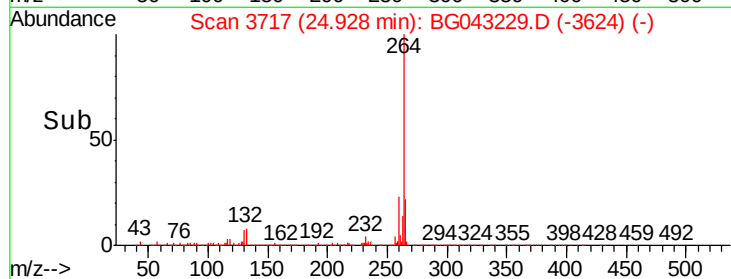
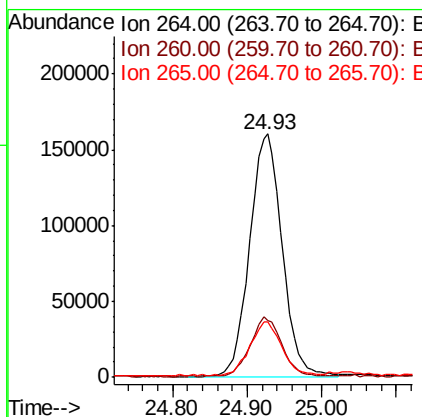
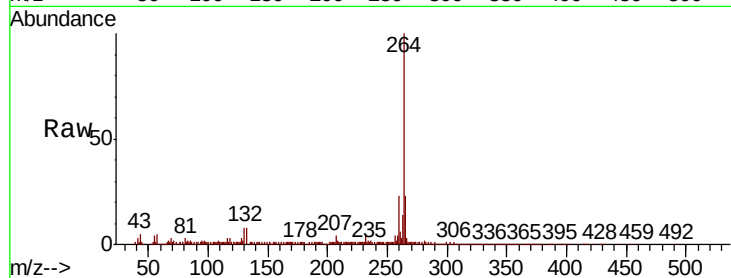
ClientSampleId :

OR-03-101119

Tot Ion:	264	Resp:	484635
Ion Ratio	Lower	Upper	
264	100		
260	23.2	18.7	28.1
265	22.9	17.7	26.5

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#88

Benzo(b)fluoranthene

Concen: 5.957 ng

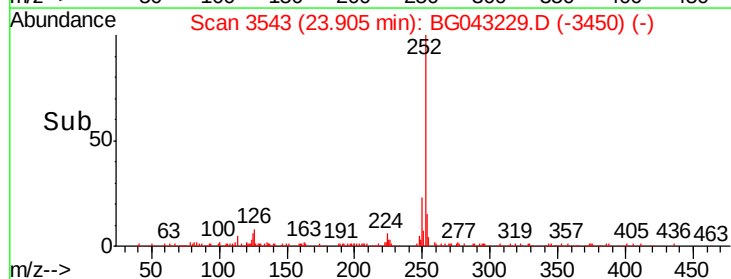
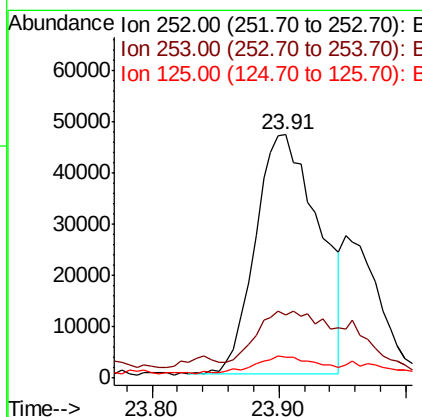
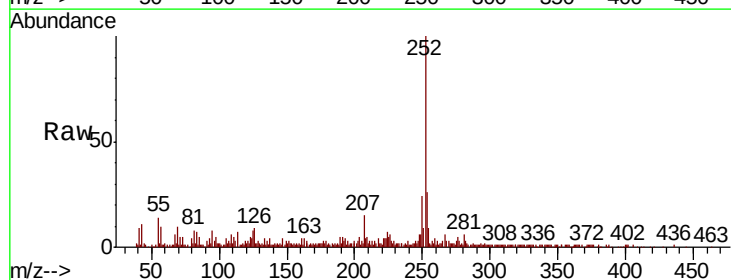
RT: 23.91 min Scan# 3543

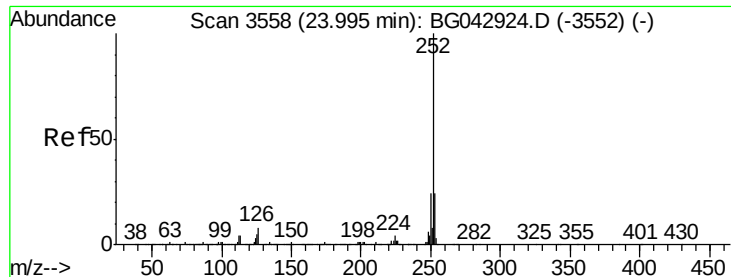
Delta R.T. 0.02 min

Lab File: BG043229.D

Acq: 15 Oct 2019 21:44

Tgt Ion:	252	Resp:	163354
Ion Ratio	Lower	Upper	
252	100		
253	25.9	18.2	27.2
125	8.4	4.6	7.0#





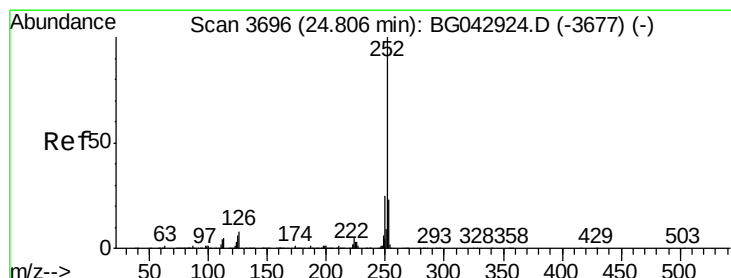
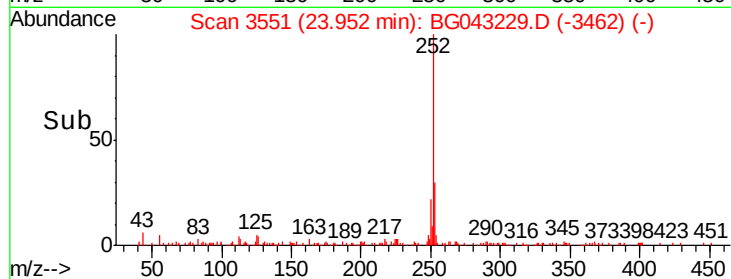
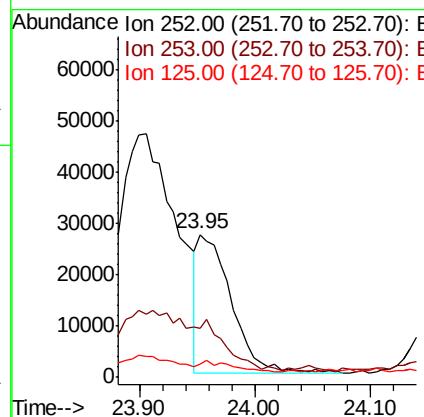
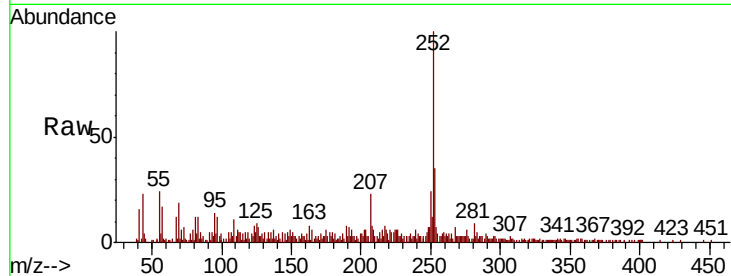
#89
Benzo(k)fluoranthene
Concen: 2.012 ng m
RT: 23.95 min Scan# 3551
Delta R.T. -0.01 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Instrument :
BNA_G
ClientSampleId :
OR-03-101119

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.7	18.9	28.3#
125	9.1	4.5	6.7#

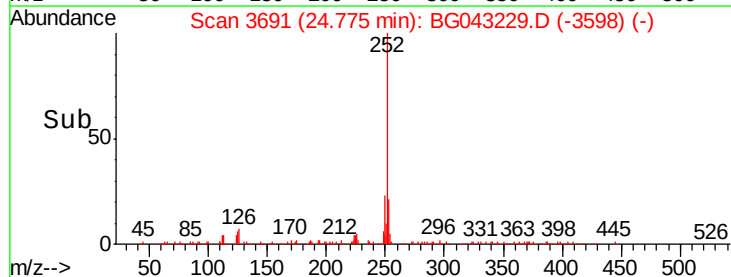
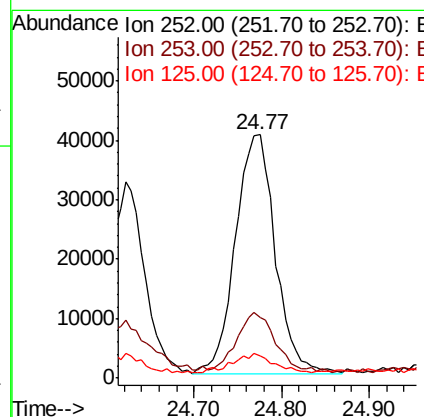
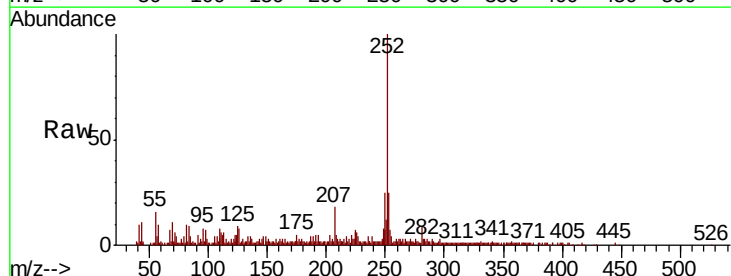
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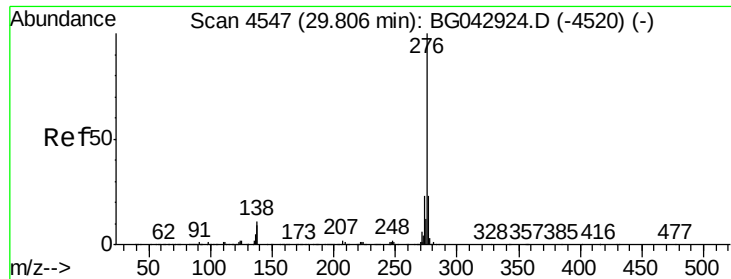
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#90
Benzo(a)pyrene
Concen: 4.808 ng
RT: 24.77 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG043229.D
Acq: 15 Oct 2019 21:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.4
125	8.9	5.0	7.6#





#92
 Benzo(a,h,i)perylene
 Concen: 3.464 ng
 RT: 29.75 min Scan# 4538
 Delta R.T. 0.03 min
 Lab File: BG043229.D
 Acq: 15 Oct 2019 21:44

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-101119

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	12.3	8.6	12.8

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