Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043262.D
Acq On : 17 Oct 2019 2:02
Operator : JU
Sample : K5355-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-32

Quant Time: Oct 17 03:22:36 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	58235	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	209519	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	151044	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	321181	20.00	ng		0.00
76) Chrysene-d12	21.70	240	346991	20.00	ng		0.00
87) Perylene-d12	24.92	264	415166	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	219197	67.17	ng		0.00
7) Phenol-d6	7.22	99	345873	73.60	ng		0.00
23) Nitrobenzene-d5	9.21	82	218783	50.75	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	134027	51.60	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	530351	50.90	ng		0.00
79) Terphenyl-d14	20.03	244	892421	54.80	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.25	94	13691	3.176	ng	#	70
50) Dimethylphthalate	14.13	163	63708	5.629	ng		96
71) Phenanthrene	17.46	178	62089	3.960	ng		95
75) Fluoranthene	19.47	202	162793	7.849	ng		96
78) Pyrene	19.84	202	149021	7.195	ng		95
81) Benzo(a)anthracene	21.68	228	85037	3.933	ng		99
83) Chrysene	21.74	228	76155	3.630	ng		95
86) Indeno(1,2,3-cd)pyrene	28.61	276	60153	2.303	ng	#	58
88) Benzo(b)fluoranthene	23.90	252	111762	4.758	ng		99
90) Benzo(a)pyrene	24.78	252	80194	3.618	ng	#	96
92) Benzo(g,h,i)perylene	29.75	276	57936	2.631	ng	#	91

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

Quantitation Report (QT/LSC Reviewed)

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Acq On : 17 Oct 2019 2:02
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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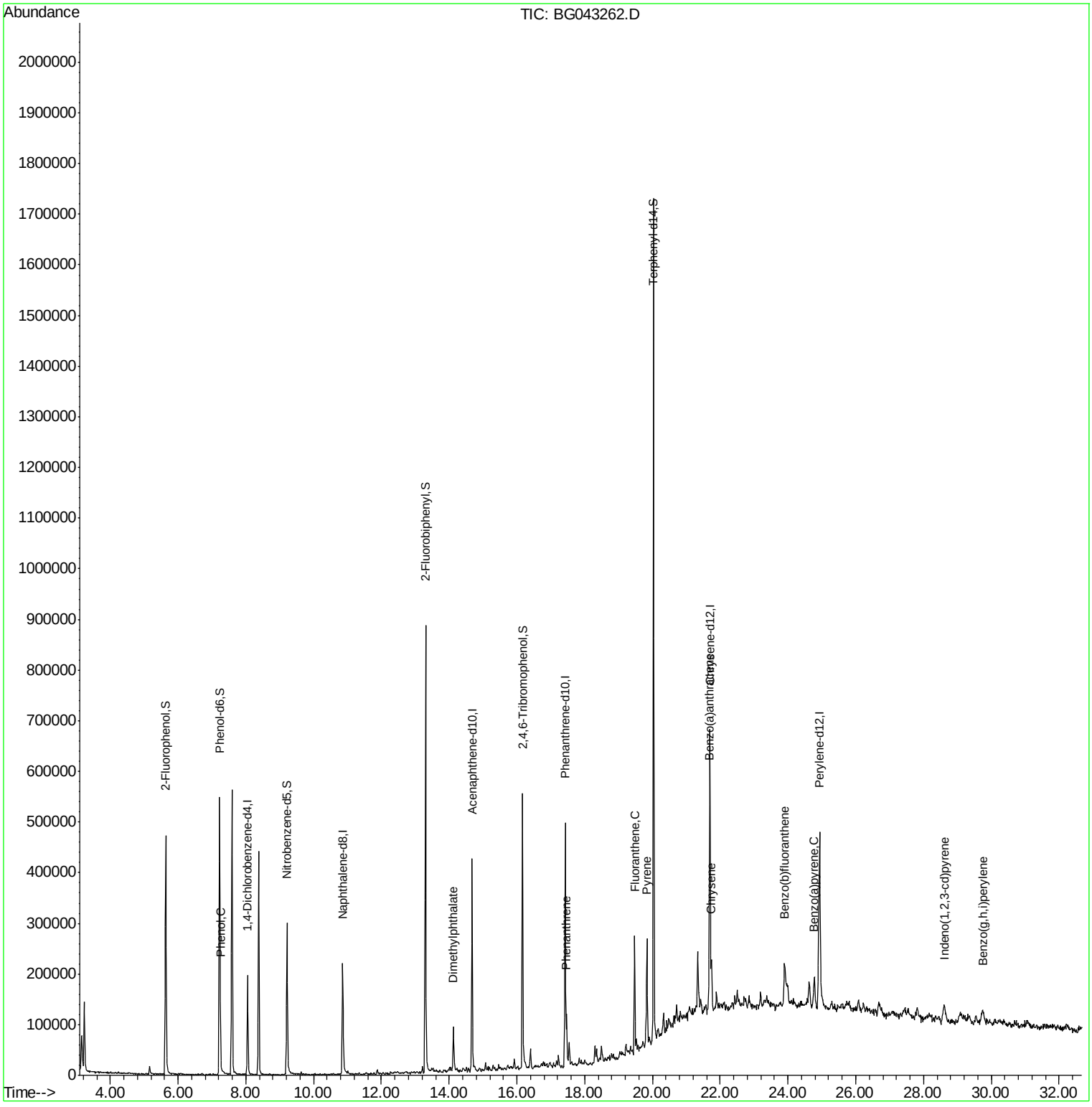
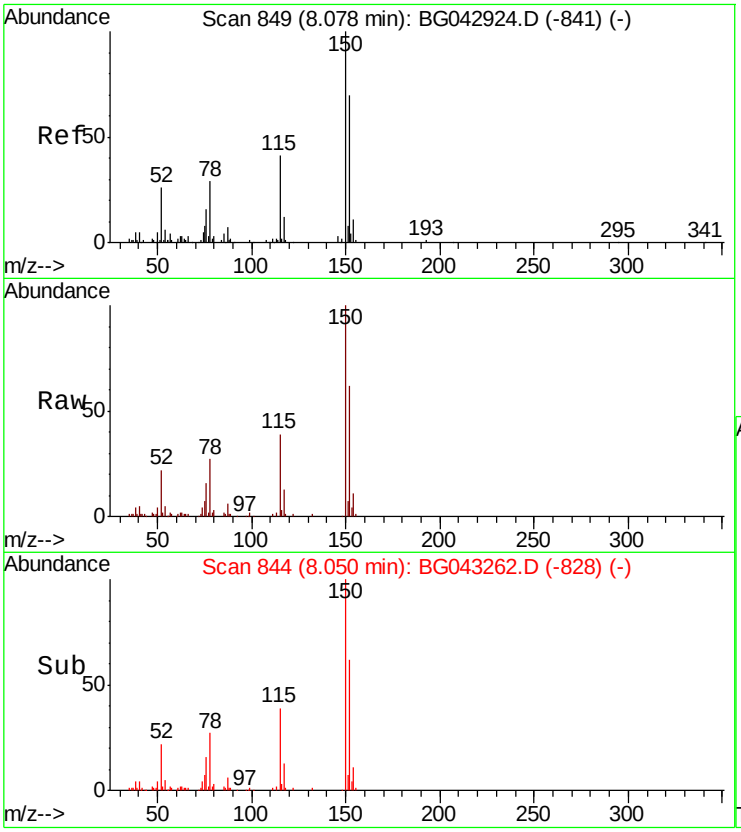
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration



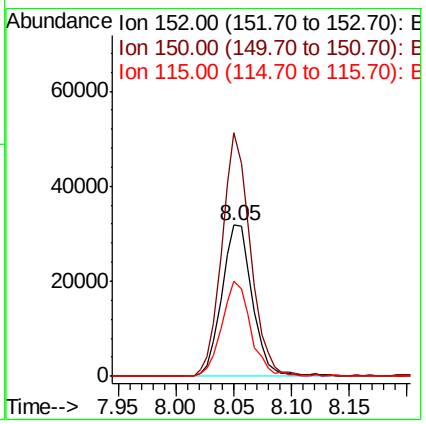


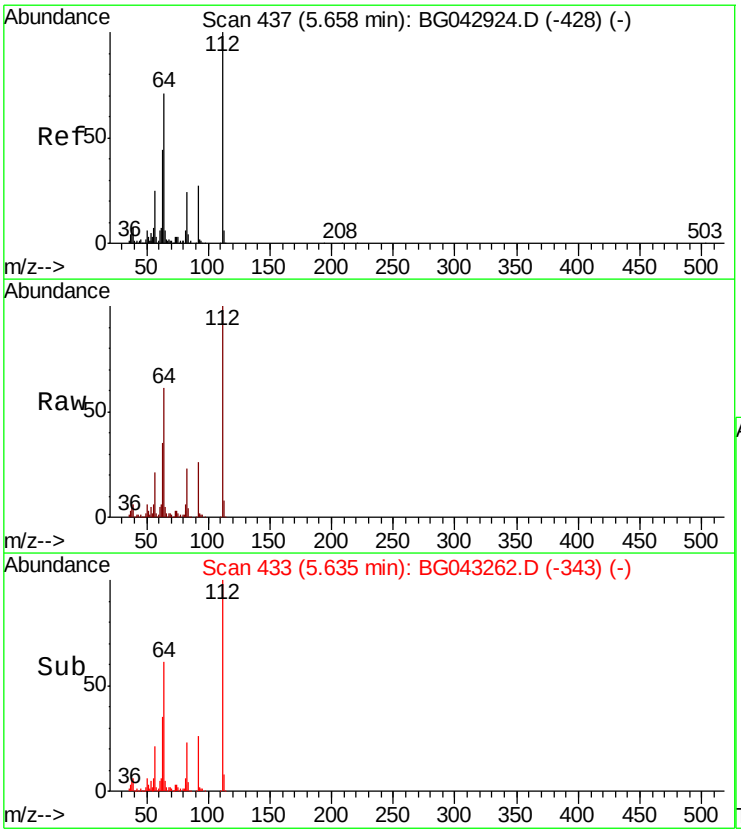
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:152 Resp: 58235

Ion	Ratio	Lower	Upper
152	100		
150	161.1	115.0	172.4
115	63.0	47.0	70.6

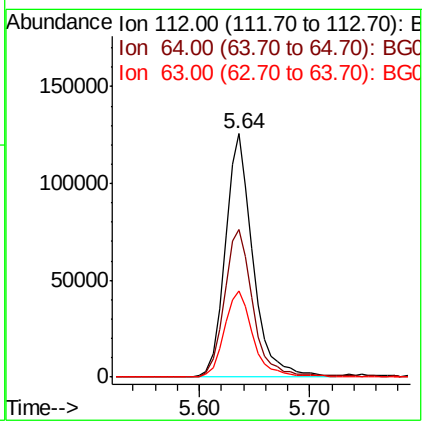


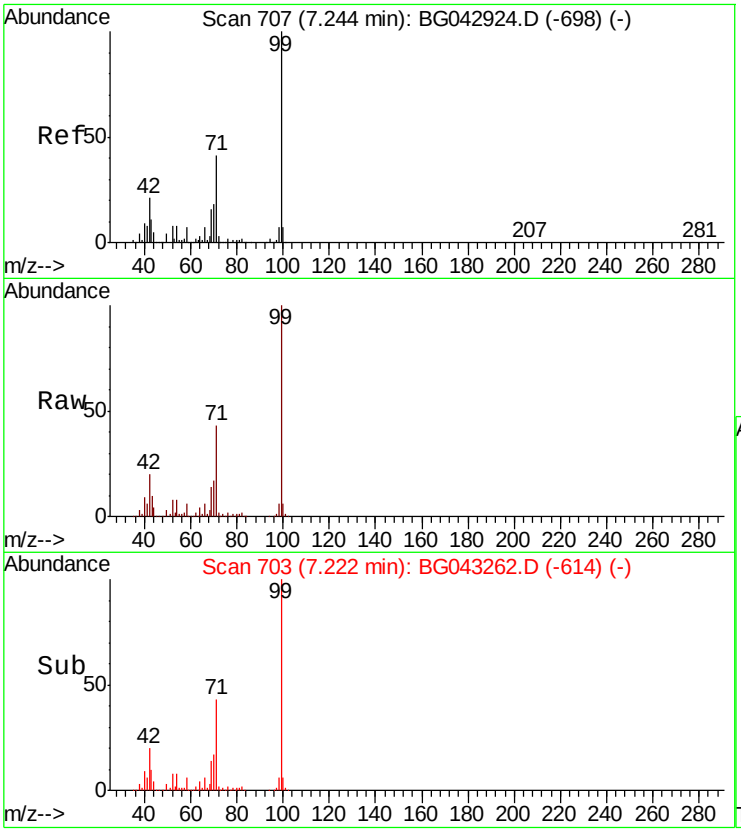


#5
2-Fluorophenol
Concen: 67.173 ng
RT: 5.64 min Scan# 433
Delta R.T. -0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Tgt Ion:112 Resp: 219197

Ion	Ratio	Lower	Upper
112	100		
64	60.7	56.6	84.8
63	35.2	35.1	52.7



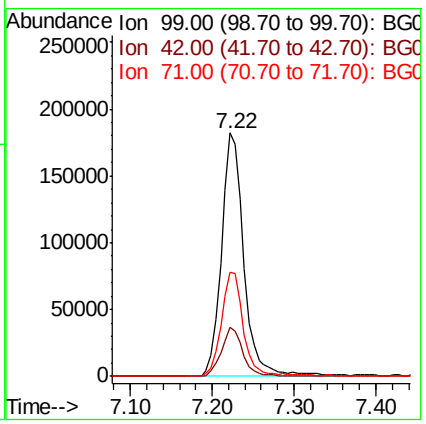


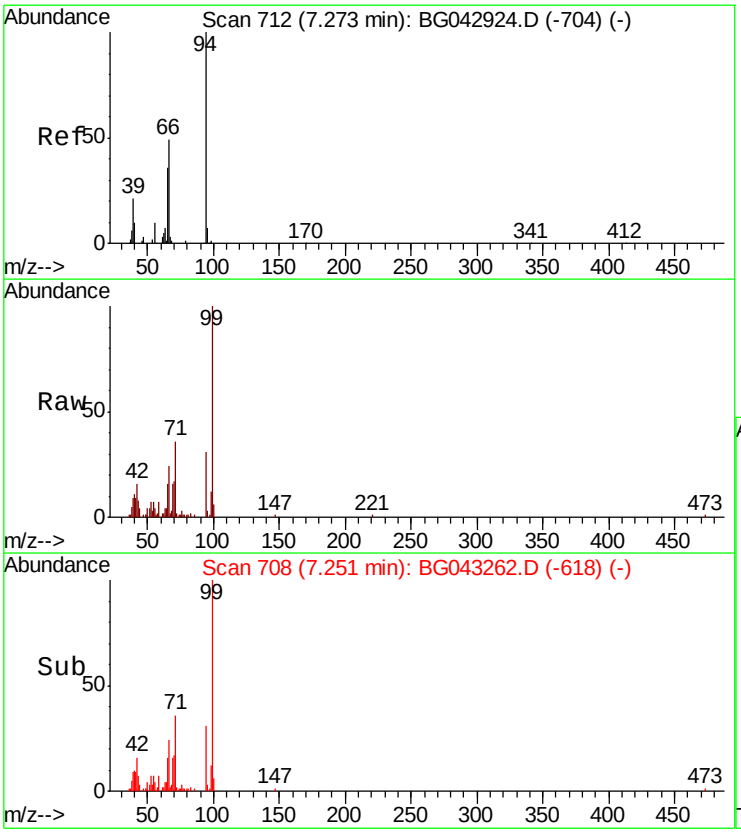
#7
Phenol-d6
Concen: 73.604 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion: 99 Resp: 345873

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.2	25.8
71	42.6	33.1	49.7

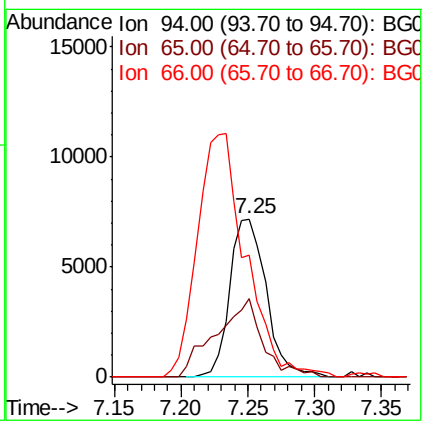


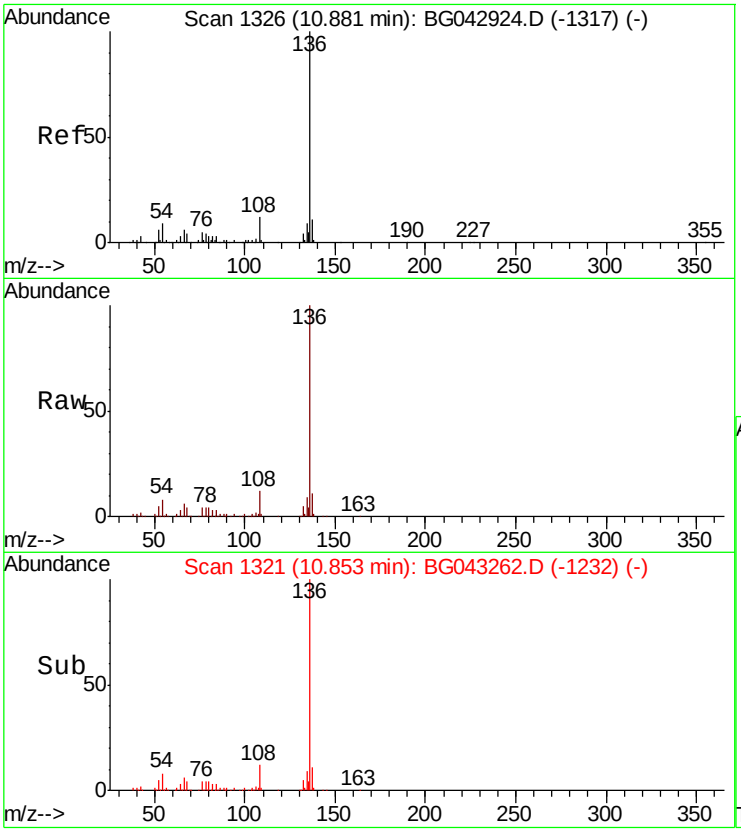


#10
Phenol
Concen: 3.176 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Tgt Ion: 94 Resp: 13691

Ion	Ratio	Lower	Upper
94	100		
65	49.6	16.6	56.6
66	77.1	32.4	72.4#



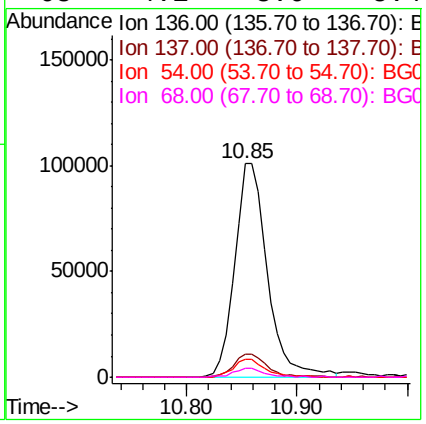


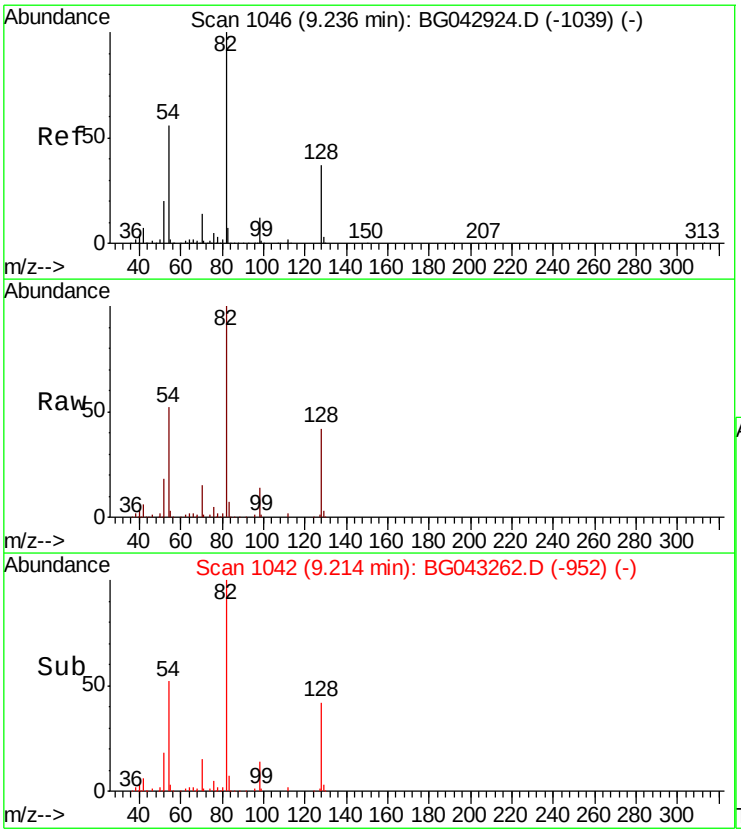
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:136 Resp: 209519

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	8.2	7.4	11.2
68	4.1	3.6	5.4

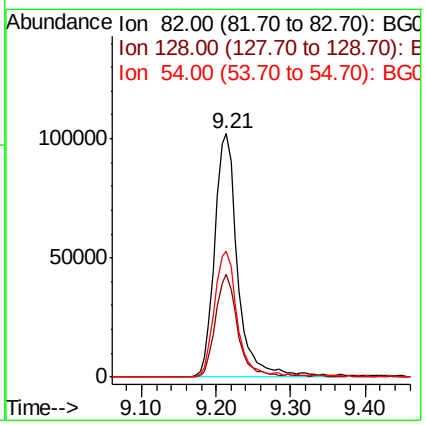


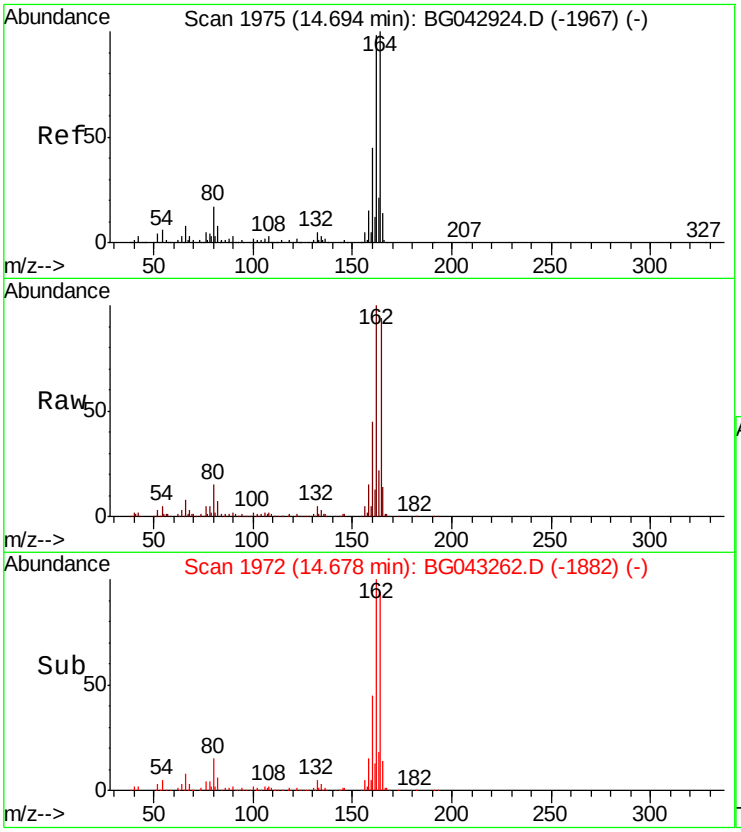


#23
Nitrobenzene-d5
Concen: 50.754 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Tgt Ion: 82 Resp: 218783

Ion	Ratio	Lower	Upper
82	100		
128	42.2	29.5	44.3
54	51.9	44.6	67.0



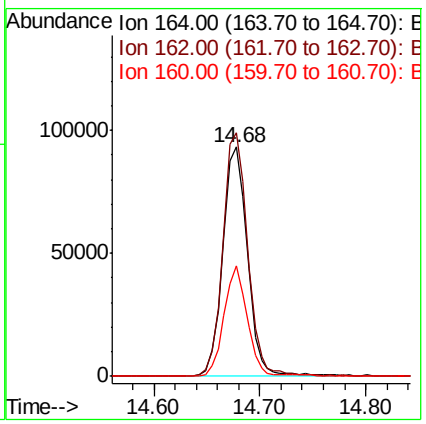


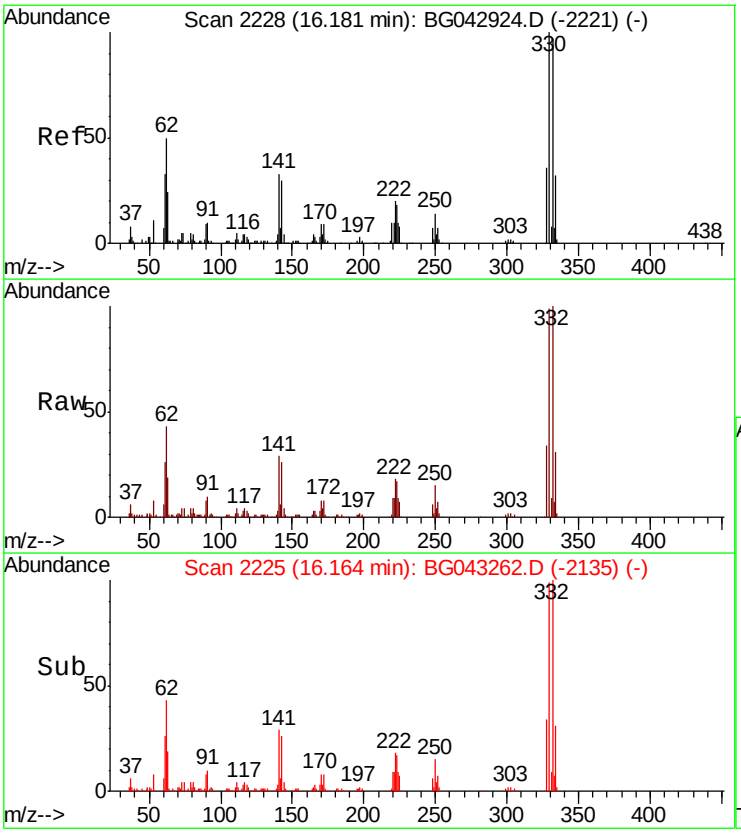
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:164 Resp: 151044

Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.5	117.7
160	48.1	35.9	53.9

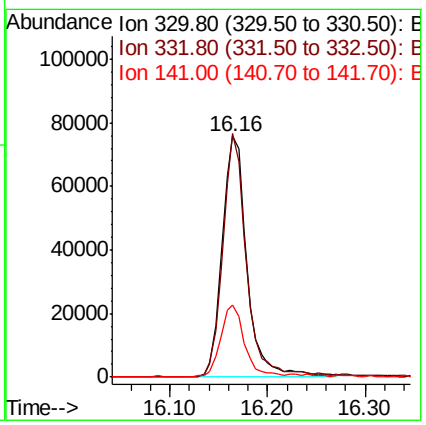


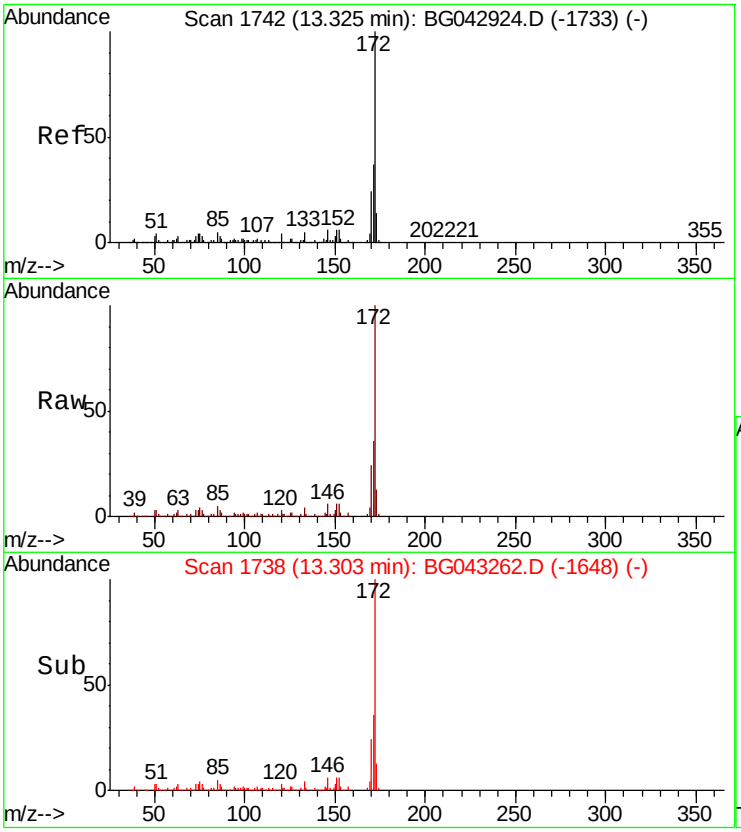


#42
2,4,6-Tribromophenol
Concen: 51.602 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Tgt Ion:330 Resp: 134027

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.2	117.2
141	28.8	26.0	39.0



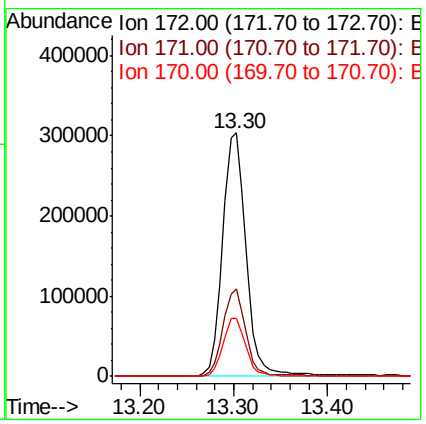


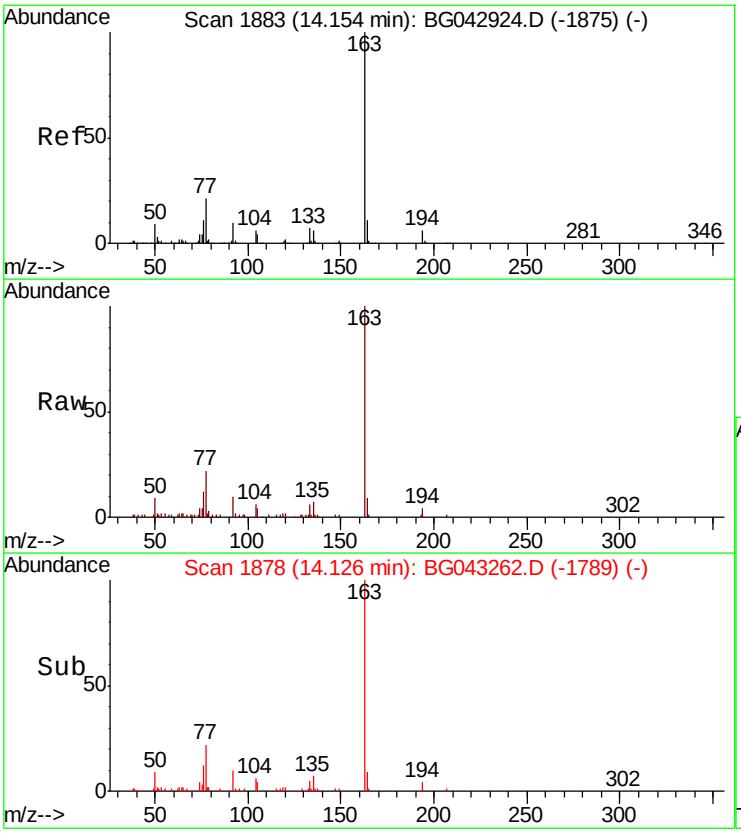
#45
2-Fluorobiphenyl
Concen: 50.902 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:172 Resp: 530351

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.9	19.6	29.4

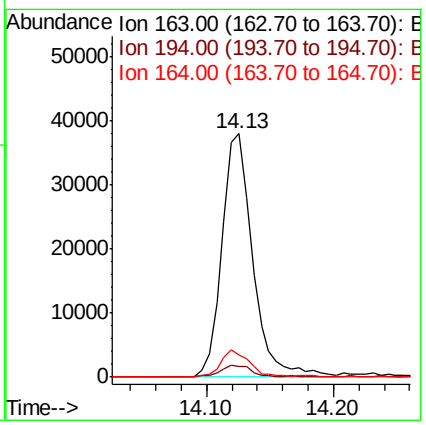


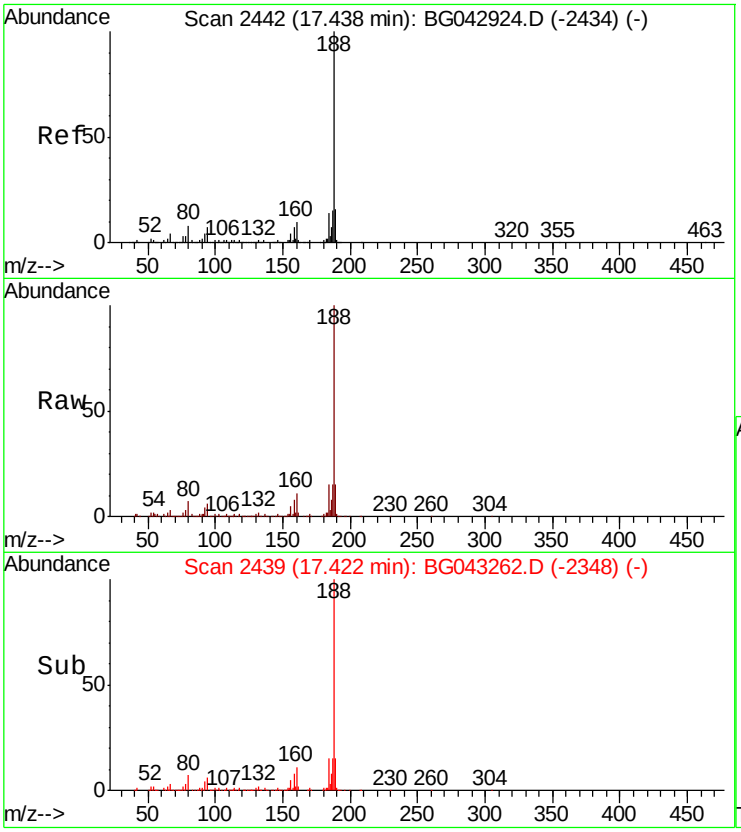


#50
Dimethylphthalate
Concen: 5.629 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Tgt Ion:163 Resp: 63708

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.4	6.6
164	8.9	8.6	12.8



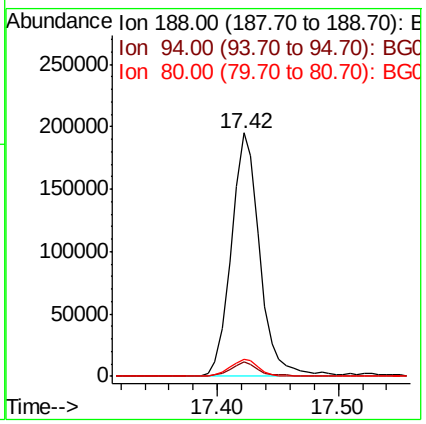


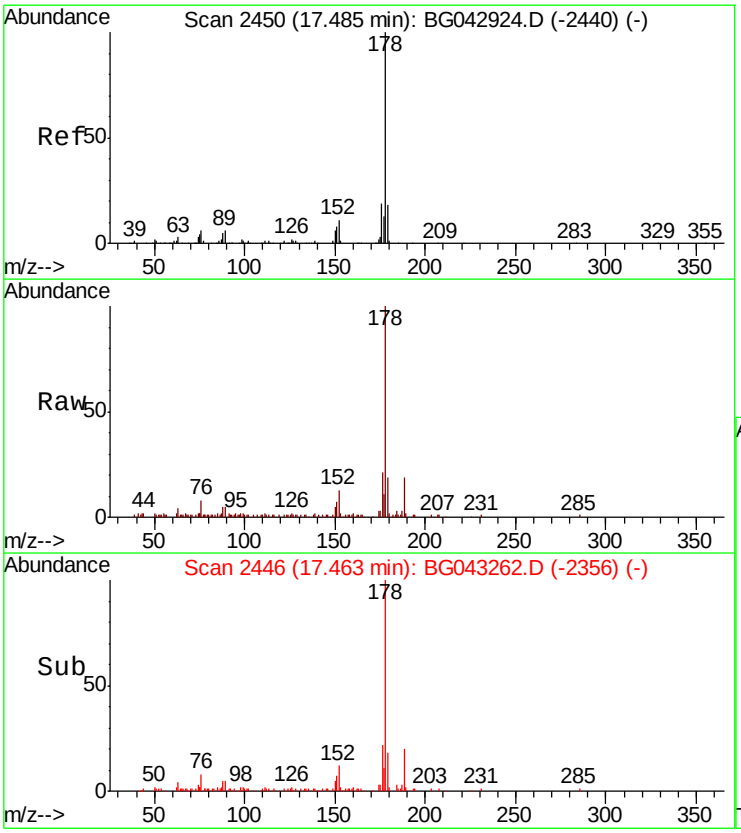
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:188 Resp: 321181

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	7.2	6.5	9.7

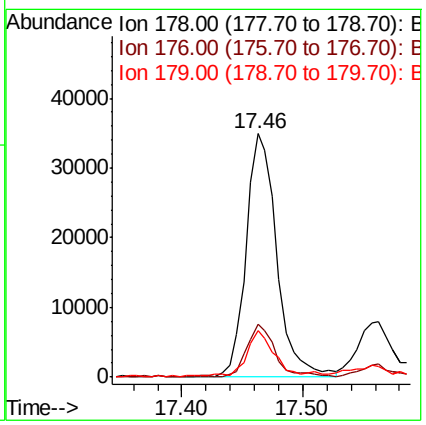


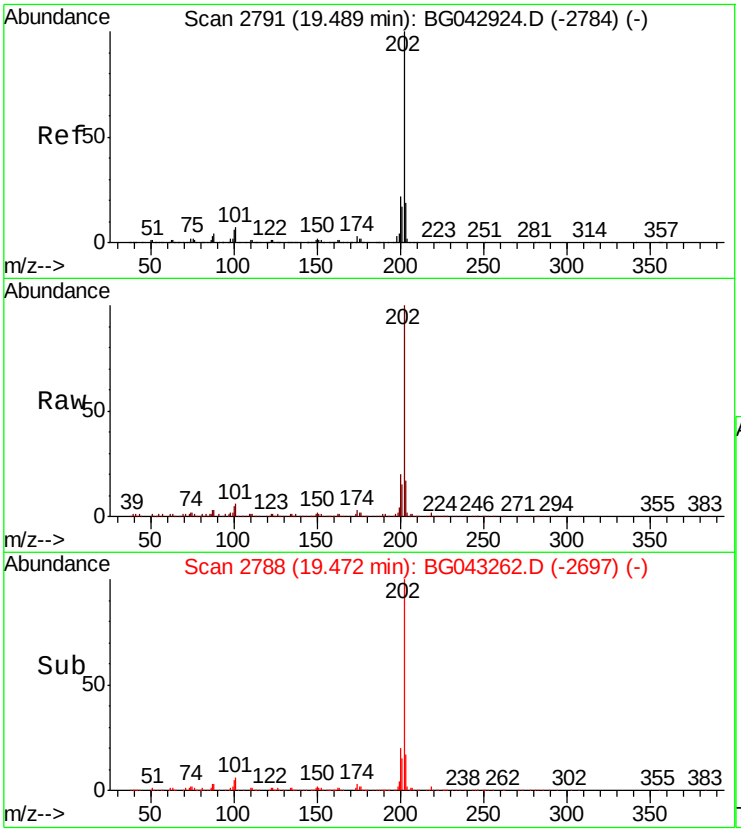


#71
Phenanthrene
Concen: 3.960 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Tgt Ion:178 Resp: 62089

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.1	22.7
179	19.4	14.1	21.1



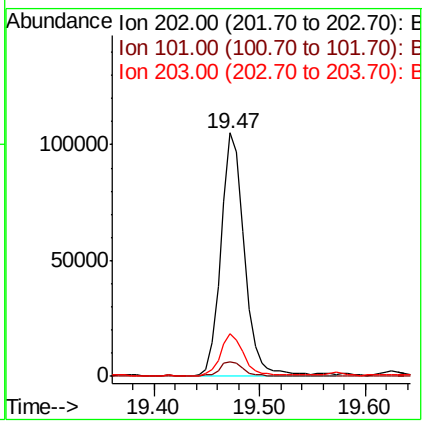


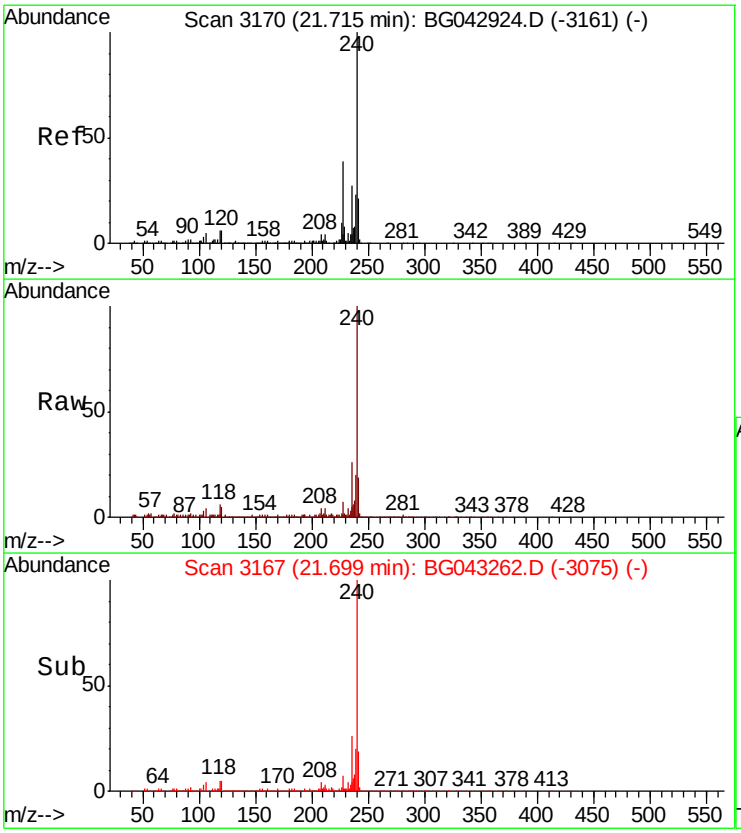
#75
Fluoranthene
Concen: 7.849 ng
RT: 19.47 min Scan# 2788
Delta R.T. 0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:202 Resp: 162793

Ion	Ratio	Lower	Upper
202	100		
101	6.0	0.0	27.3
203	17.3	0.0	39.5

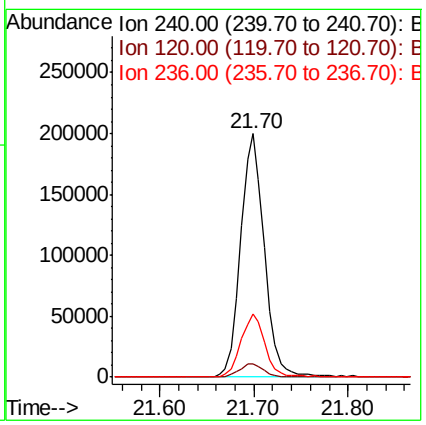


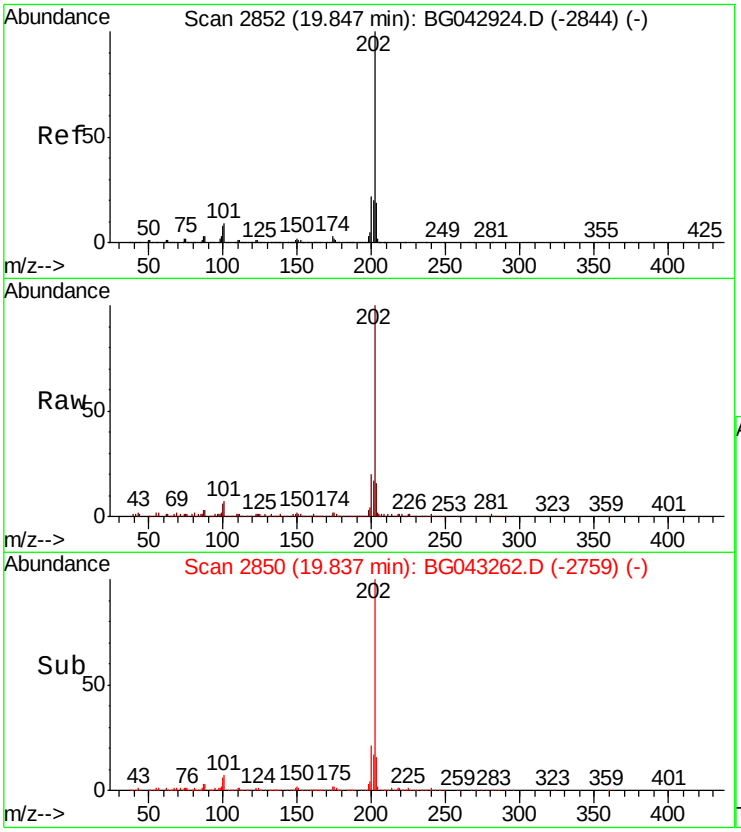


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Tgt Ion:240 Resp: 346991

Ion	Ratio	Lower	Upper
240	100		
120	5.4	4.8	7.2
236	25.8	21.4	32.0



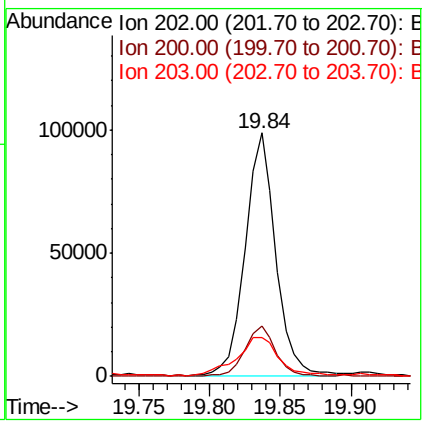


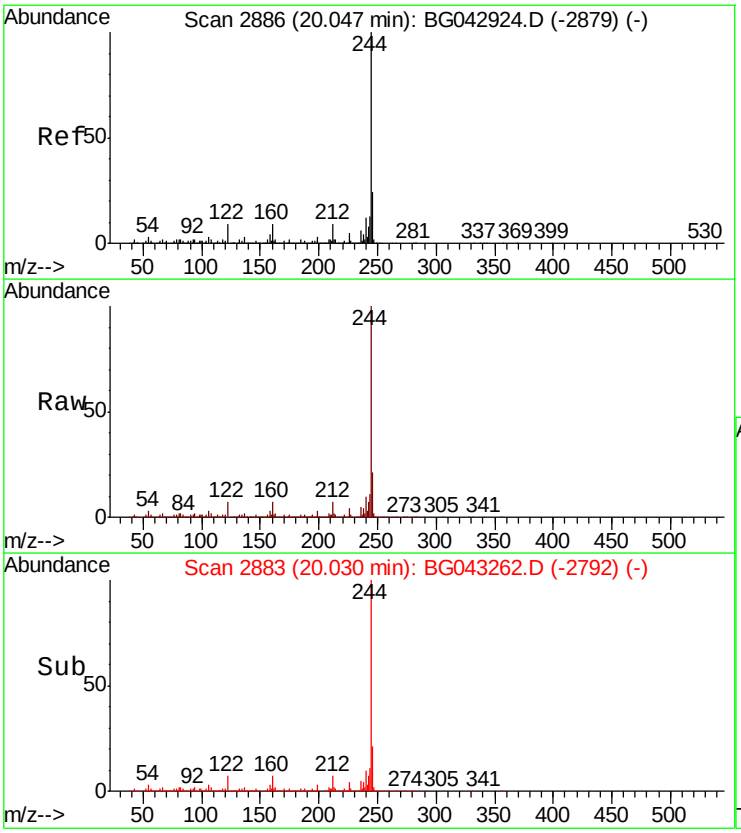
#78
Pyrene
Concen: 7.195 ng
RT: 19.84 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:202 Resp: 149021

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	16.1	15.2	22.8

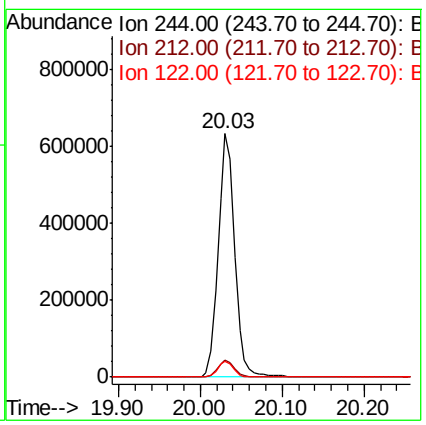


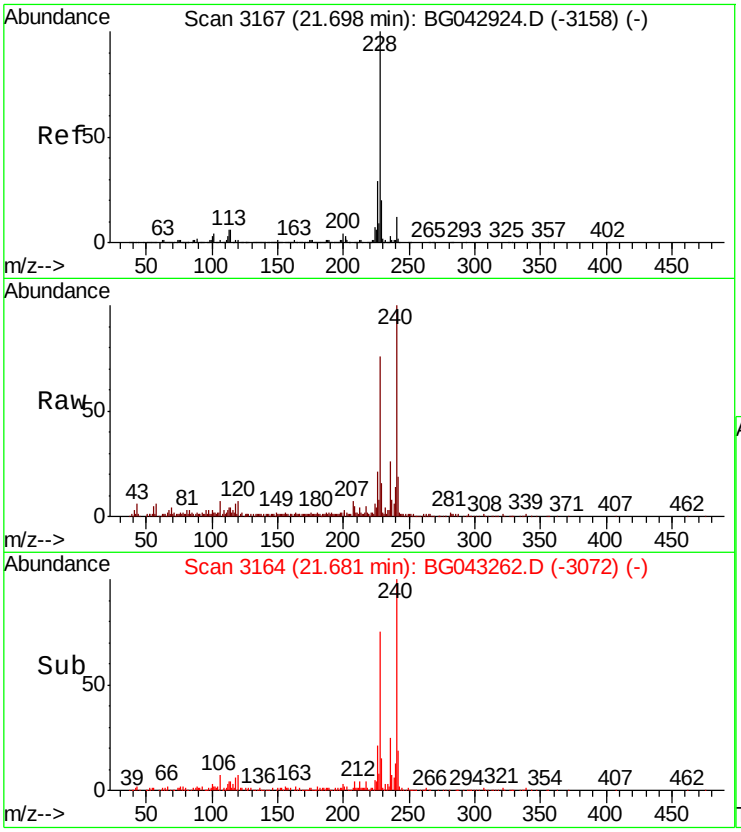


#79
Terphenyl-d14
Concen: 54.804 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Tgt Ion:244 Resp: 892421

Ion	Ratio	Lower	Upper
244	100		
212	7.2	7.4	11.0#
122	6.7	7.0	10.4#



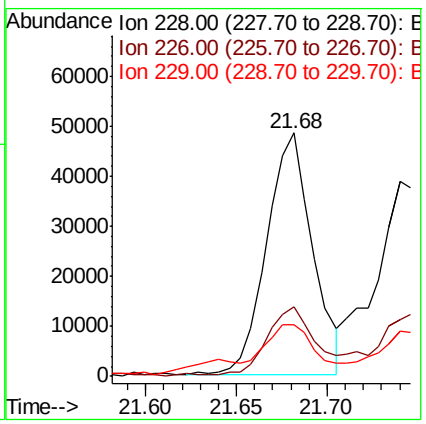


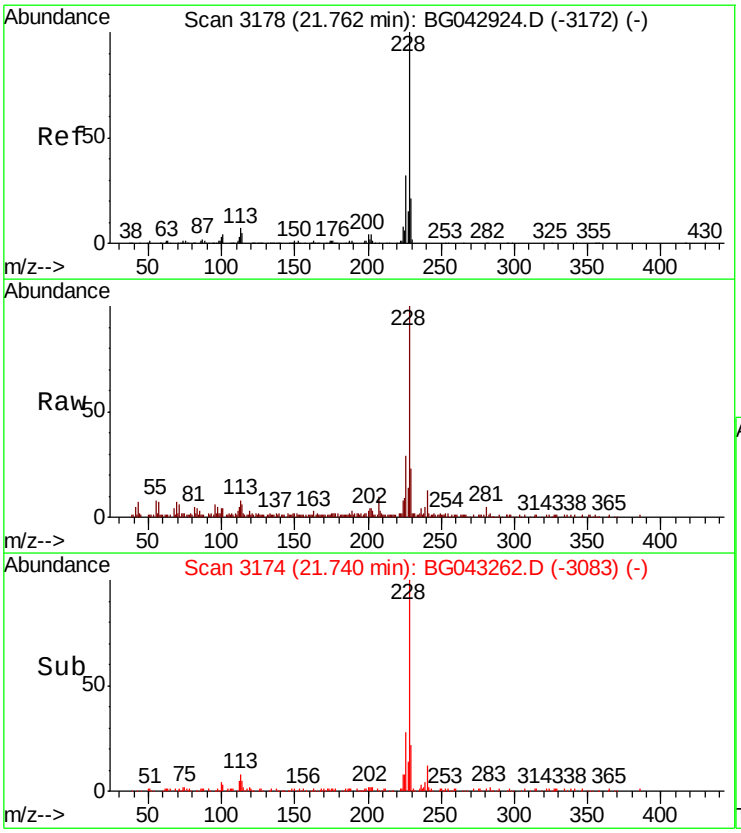
#81
Benzo(a)anthracene
Concen: 3.933 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:228 Resp: 85037

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	21.2	16.3	24.5

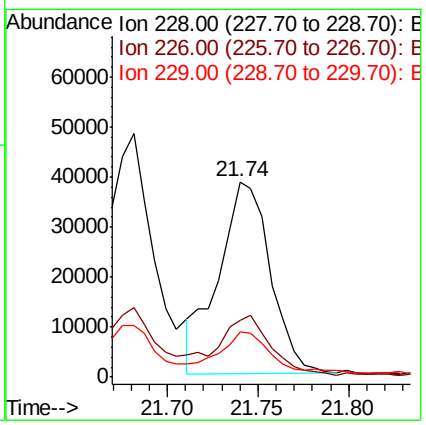


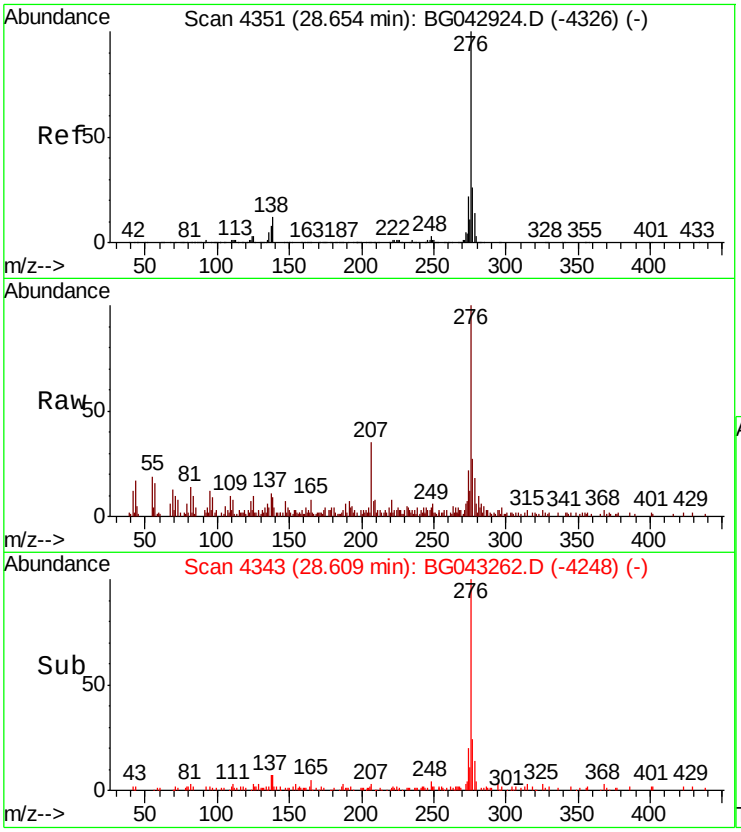


#83
Chrysene
Concen: 3.630 ng
RT: 21.74 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Tgt Ion:228 Resp: 76155

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.6	38.4
229	23.3	16.9	25.3



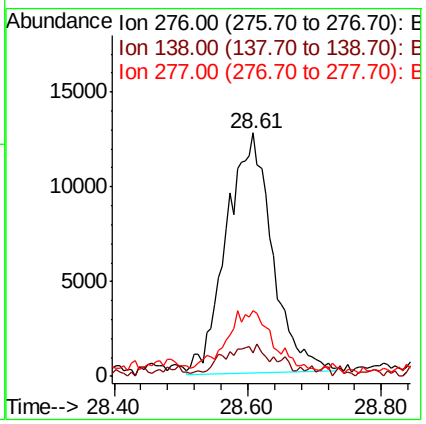


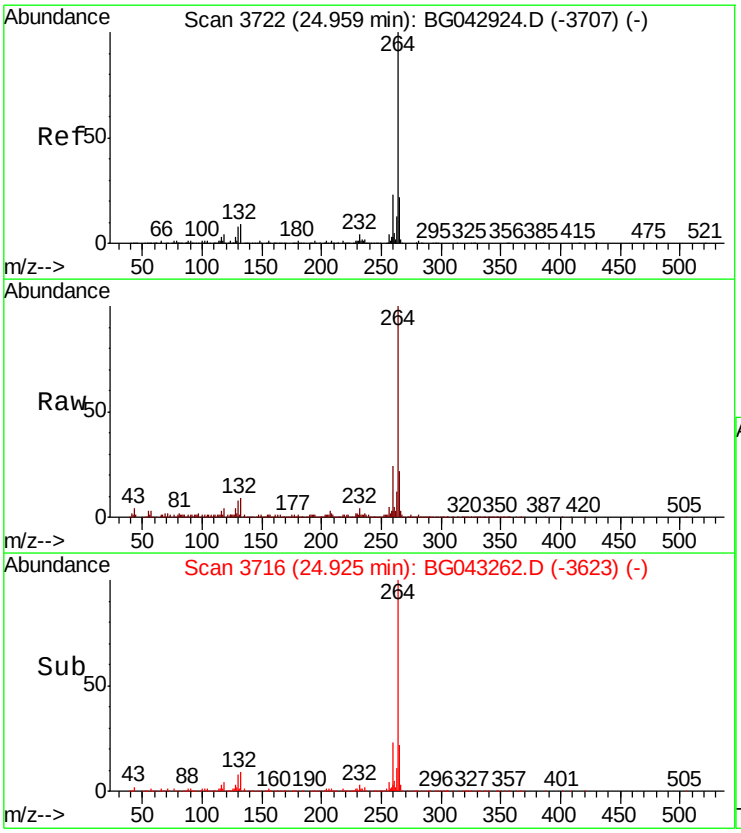
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.303 ng
RT: 28.61 min Scan# 4343
Delta R.T. 0.03 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:276 Resp: 60153

Ion	Ratio	Lower	Upper
276	100		
138	4.1	7.0	10.6#
277	0.0	20.9	31.3#

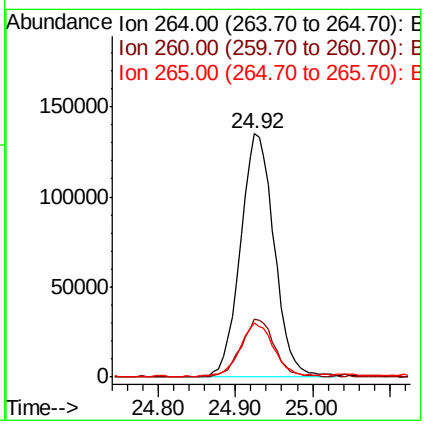


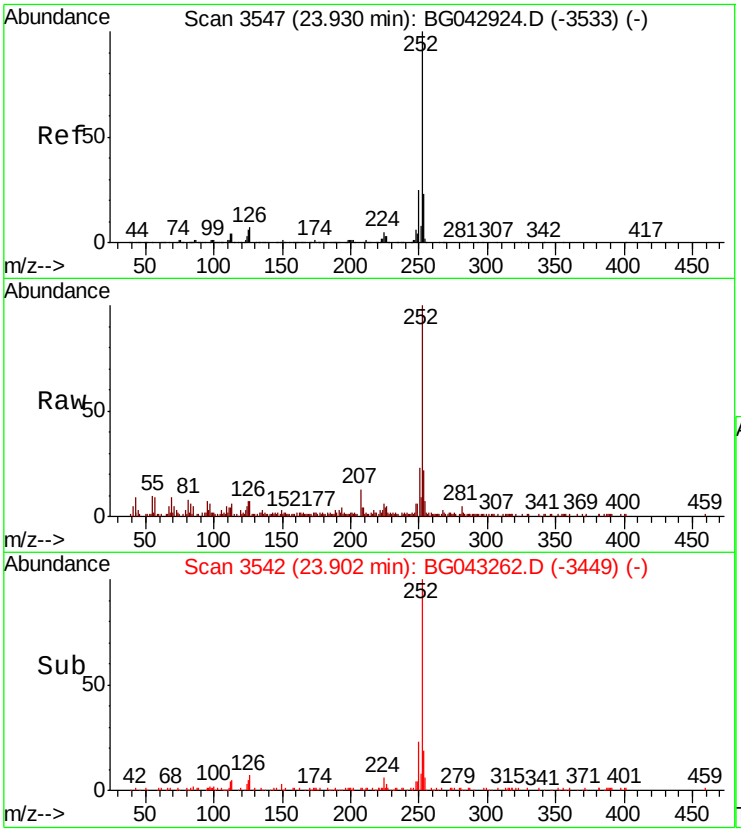


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Tgt Ion:264 Resp: 415166

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.1	17.7	26.5



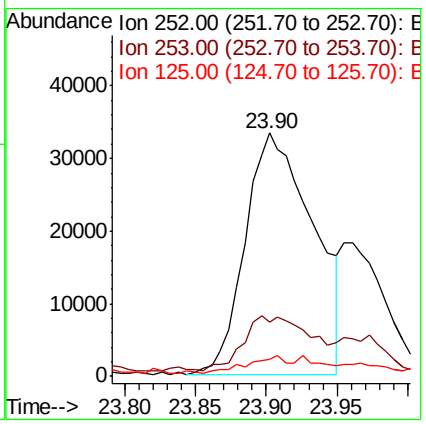


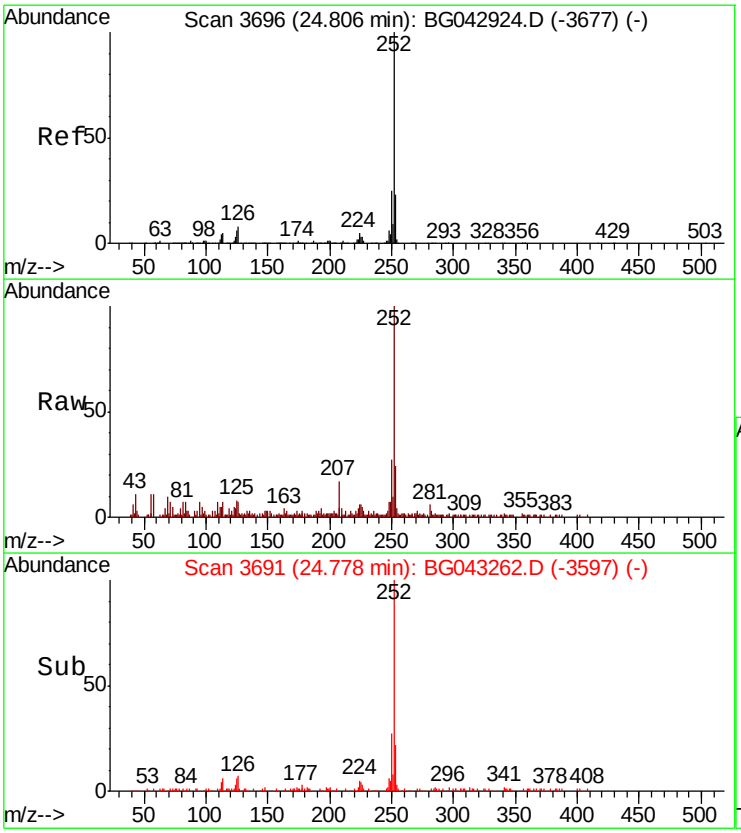
#88
Benzo(b)fluoranthene
Concen: 4.758 ng
RT: 23.90 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:252 Resp: 111762

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	6.8	4.6	7.0

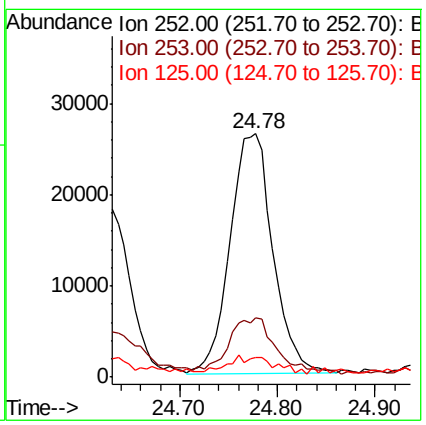


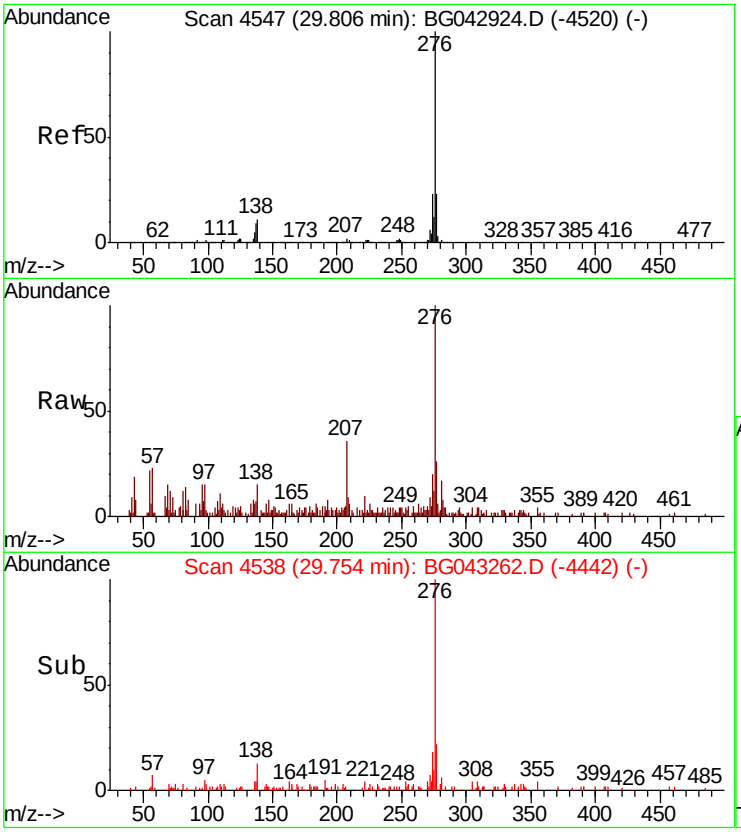


#90
Benzo(a)pyrene
Concen: 3.618 ng
RT: 24.78 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Tgt Ion:252 Resp: 80194

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.4
125	8.1	5.0	7.6#





#92
Benzo(g,h,i)perylene
Concen: 2.631 ng
RT: 29.75 min Scan# 4538
Delta R.T. 0.03 min
Lab File: BG043262.D
Acq: 17 Oct 2019 2:02

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:276 Resp: 57936

Ion	Ratio	Lower	Upper
276	100		
277	26.2	18.4	27.6
138	15.5	8.6	12.8#