Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043267.D
Acq On : 17 Oct 2019 18:22
Operator : JU
Sample : K5355-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-32

Quant Time: Oct 18 02:03:41 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	8.04	152	57804	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	221958	20.00	ng		-0.02
39) Acenaphthene-d10	14.66	164	158332	20.00	ng		-0.02
64) Phenanthrene-d10	17.41	188	344959	20.00	ng		0.00
76) Chrysene-d12	21.68	240	370333	20.00	ng		0.00
87) Perylene-d12	24.90	264	440703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	218727	67.53	ng		-0.02
7) Phenol-d6	7.21	99	362847	77.79	ng		-0.02
23) Nitrobenzene-d5	9.20	82	220771	48.35	ng		-0.02
42) 2,4,6-Tribromophenol	16.16	330	138697	50.94	ng		-0.01
45) 2-Fluorobiphenyl	13.29	172	565664	51.79	ng		-0.02
79) Terphenyl-d14	20.02	244	957664	55.10	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.23	94	14406	3.366	ng		83
50) Dimethylphthalate	14.11	163	70588	5.950	ng		98
71) Phenanthrene	17.45	178	64548	3.833	ng		96
75) Fluoranthene	19.46	202	170714	7.664	ng		97
78) Pyrene	19.82	202	162685	7.360	ng		98
81) Benzo(a)anthracene	21.67	228	93365	4.046	ng		97
83) Chrysene	21.73	228	83787	3.742	ng		97
86) Indeno(1,2,3-cd)pyrene	28.56	276	64222	2.304	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	123333	4.946	ng	#	88
90) Benzo(a)pyrene	24.75	252	86902	3.694	ng	#	91
92) Benzo(g,h,i)perylene	29.70	276	62021	2.653	ng		98

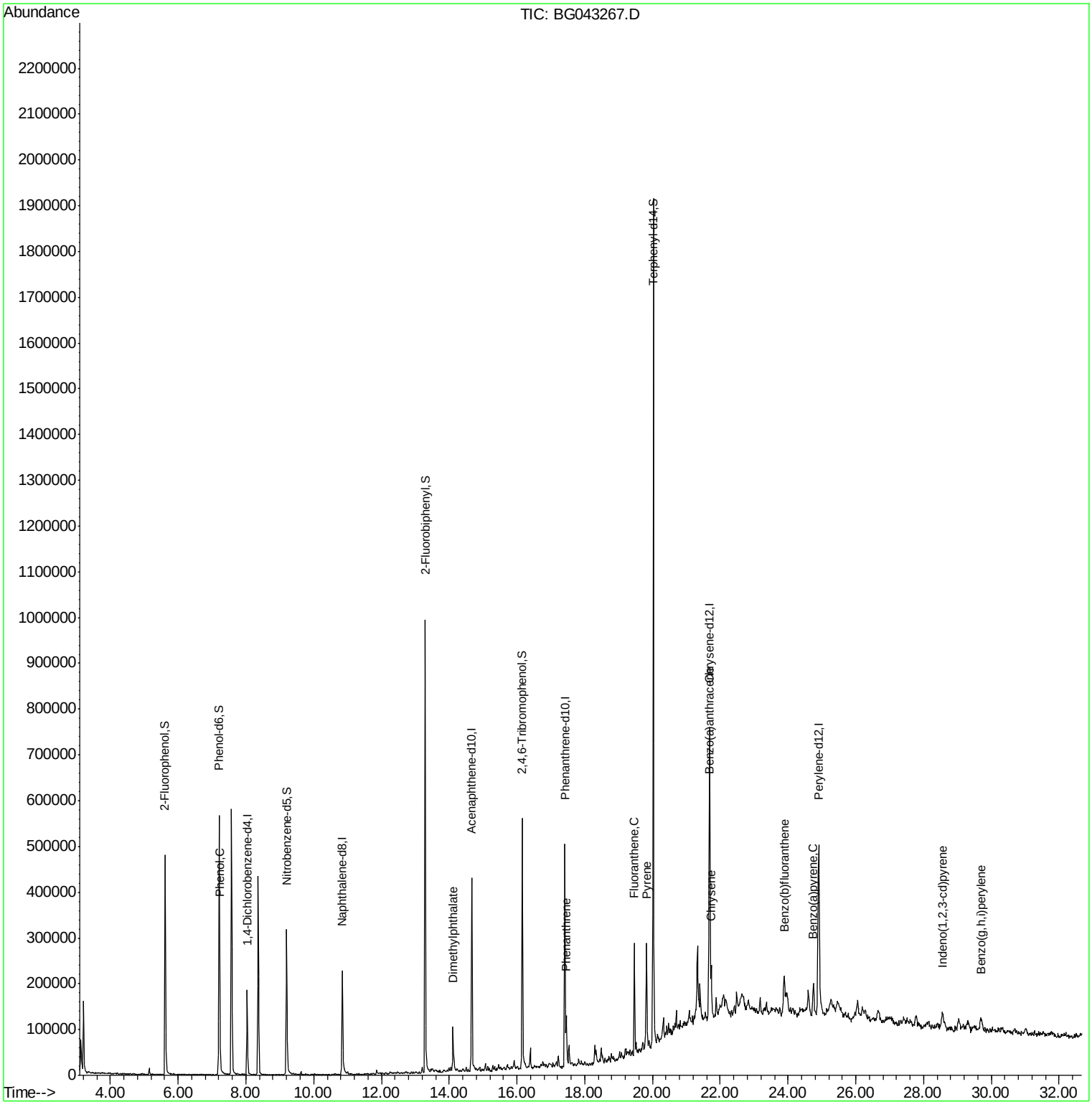
(#) = qualifier out of range (m) = manual integration (+) = signals summed

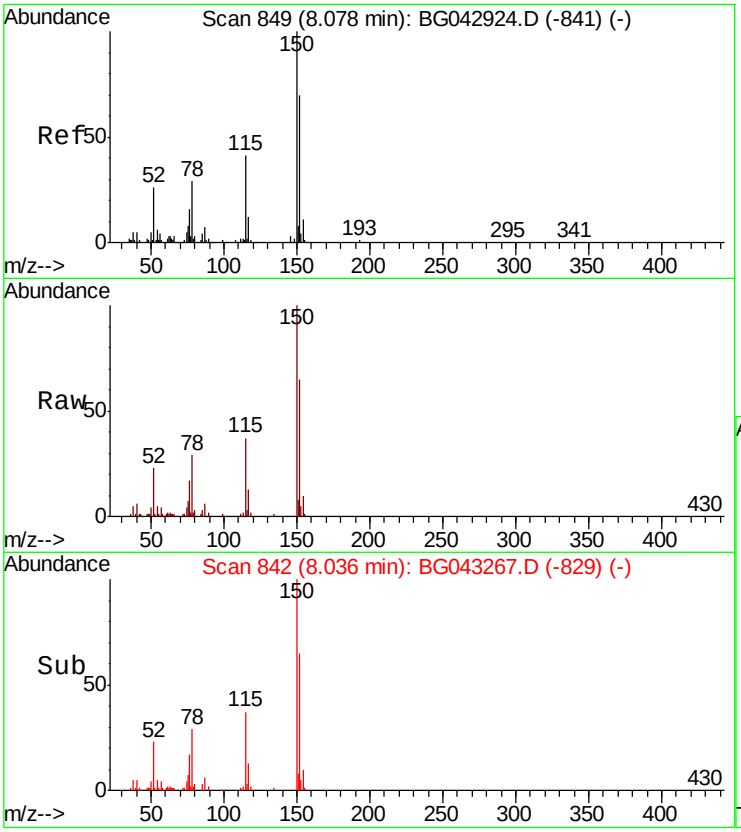
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043267.D
Acq On : 17 Oct 2019 18:22
Operator : JU
Sample : K5355-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-32

Quant Time: Oct 18 02:03:41 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



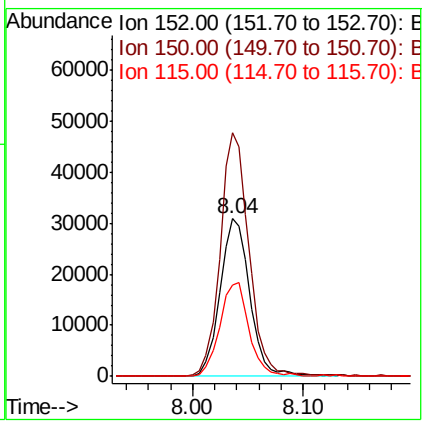


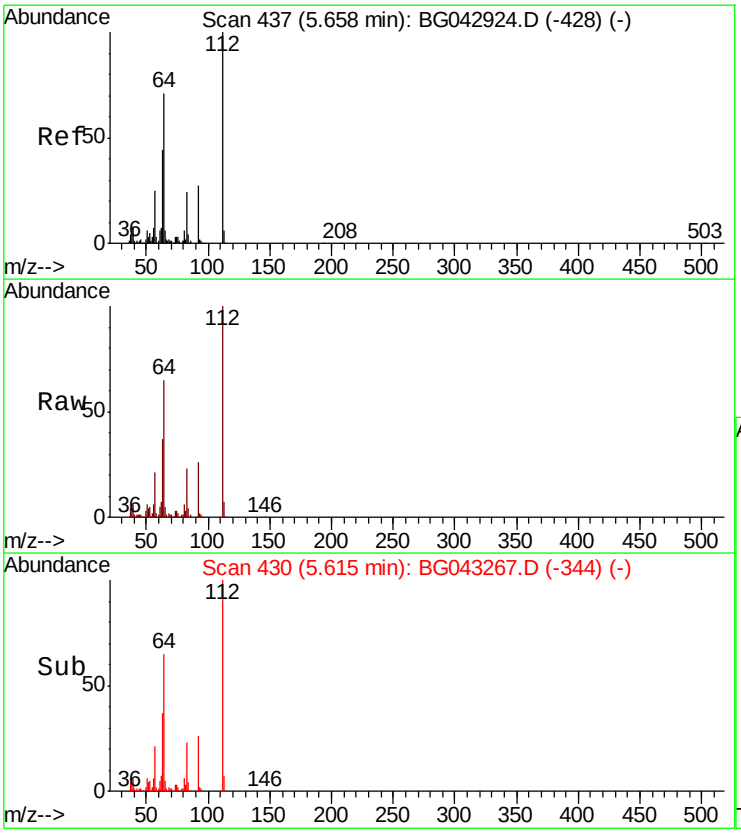
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:152 Resp: 57804

Ion	Ratio	Lower	Upper
152	100		
150	154.3	115.0	172.4
115	57.7	47.0	70.6

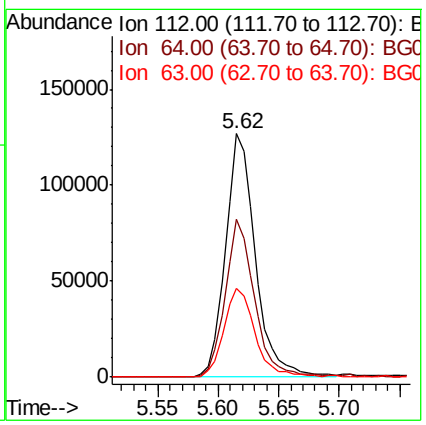


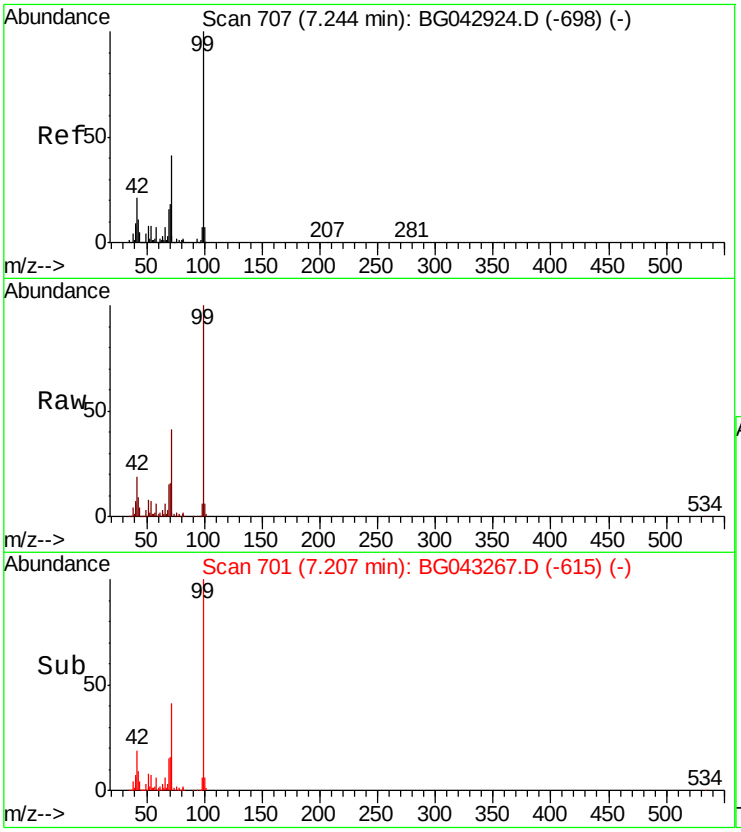


#5
2-Fluorophenol
Concen: 67.529 ng
RT: 5.62 min Scan# 430
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion:112 Resp: 218727

Ion	Ratio	Lower	Upper
112	100		
64	65.0	56.6	84.8
63	36.6	35.1	52.7



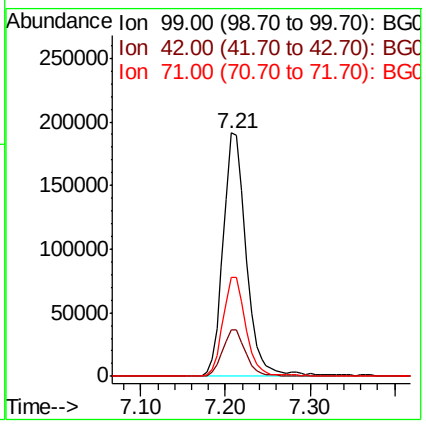


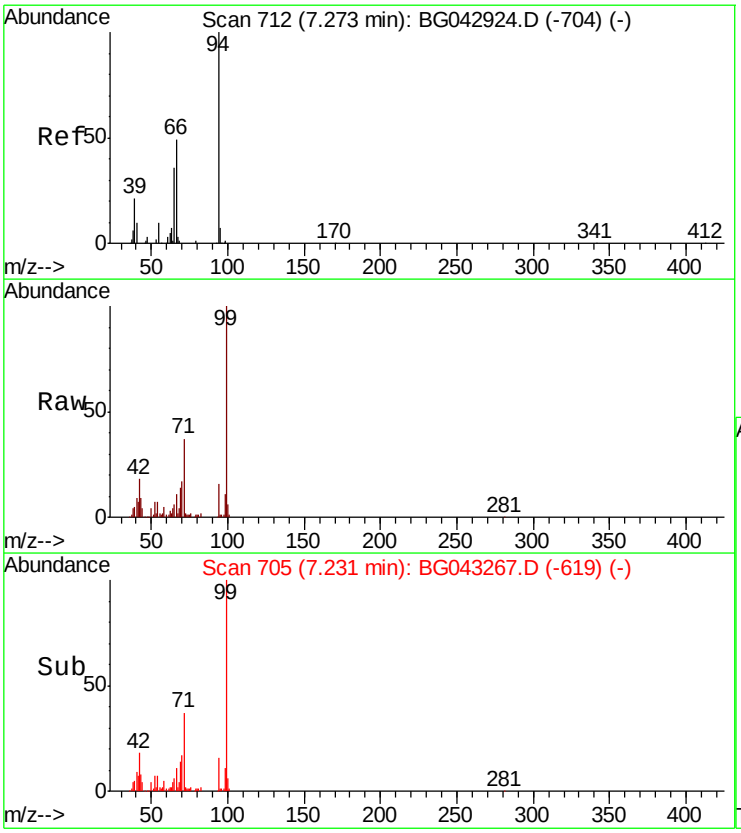
#7
Phenol-d6
Concen: 77.791 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion: 99 Resp: 362847

Ion	Ratio	Lower	Upper
99	100		
42	19.0	17.2	25.8
71	40.9	33.1	49.7

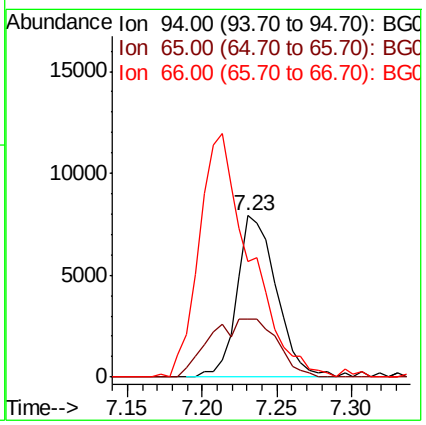


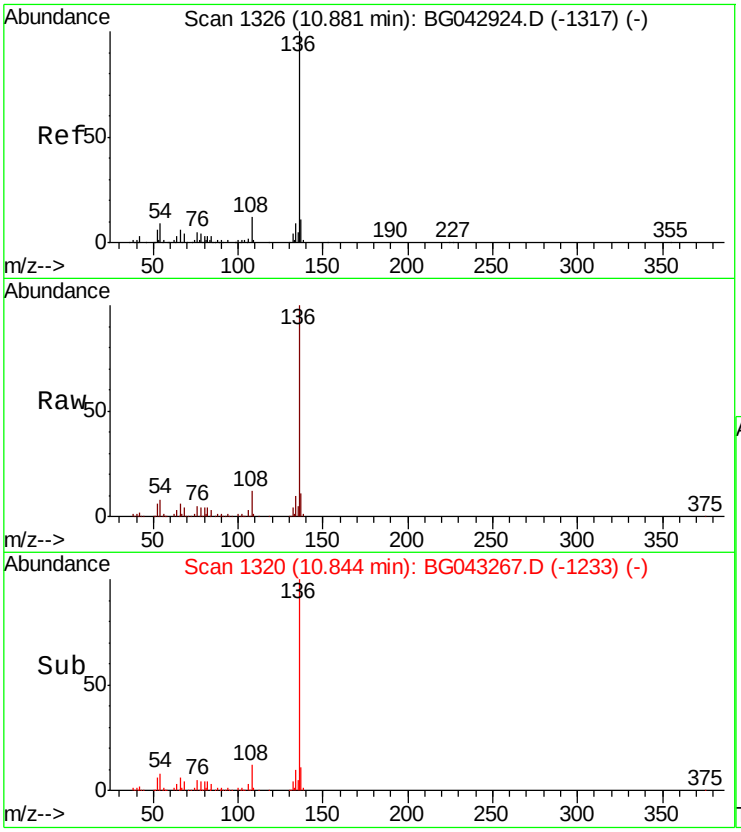


#10
Phenol
Concen: 3.366 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion: 94 Resp: 14406

Ion	Ratio	Lower	Upper
94	100		
65	36.2	16.6	56.6
66	71.9	32.4	72.4



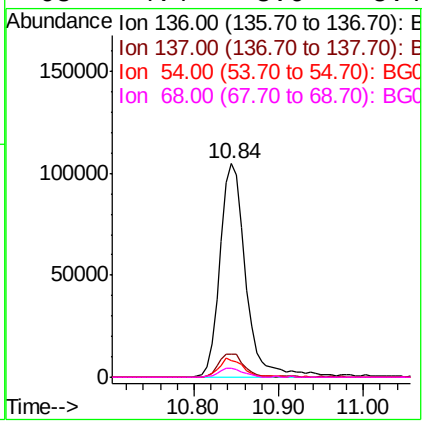


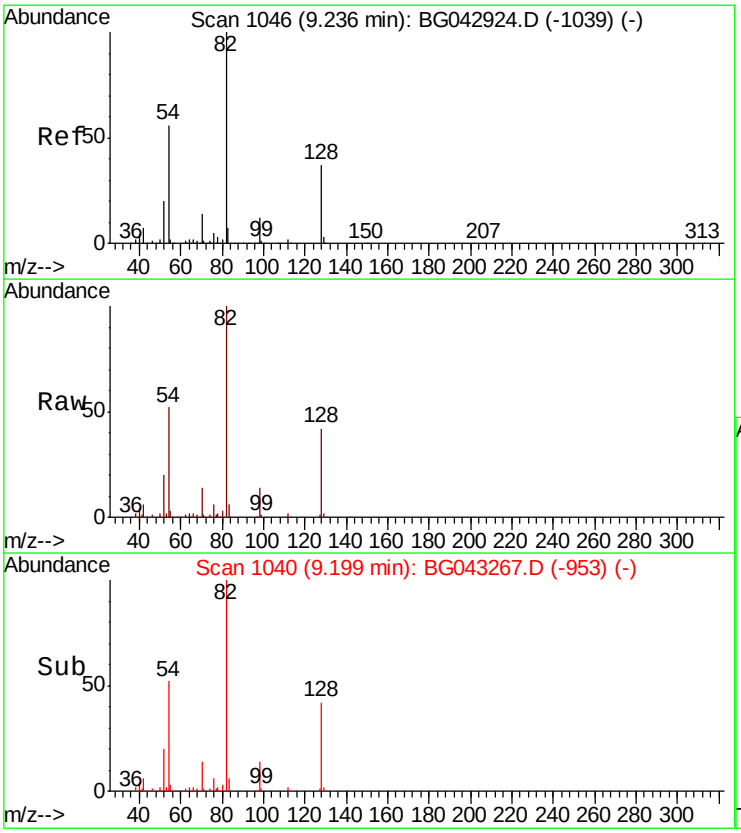
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:136 Resp: 221958

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.9	7.4	11.2
68	4.4	3.6	5.4

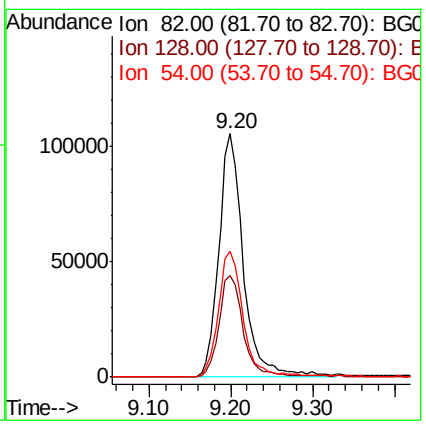


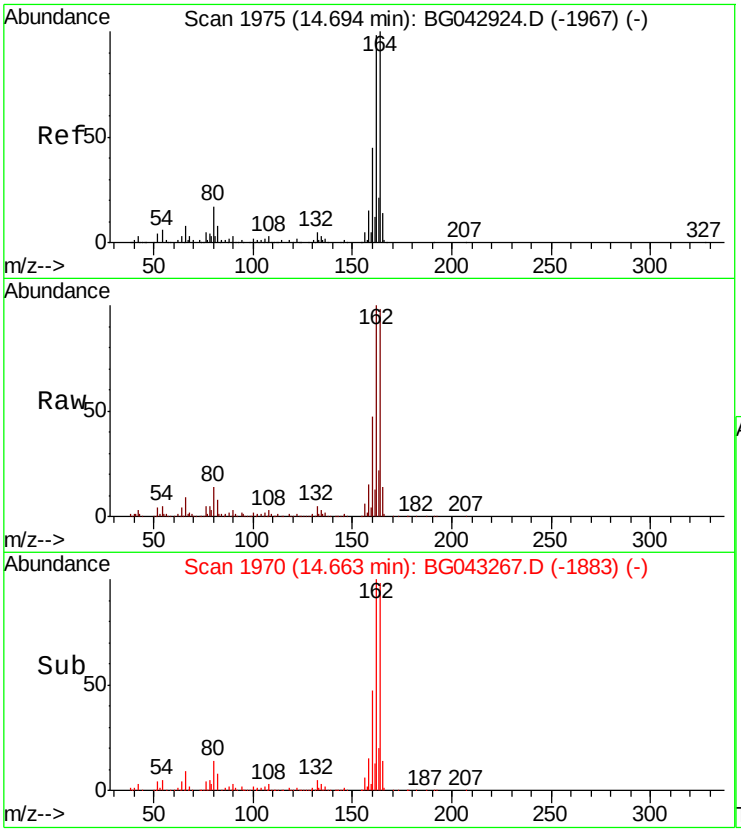


#23
Nitrobenzene-d5
Concen: 48.345 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion: 82 Resp: 220771

Ion	Ratio	Lower	Upper
82	100		
128	41.8	29.5	44.3
54	51.9	44.6	67.0



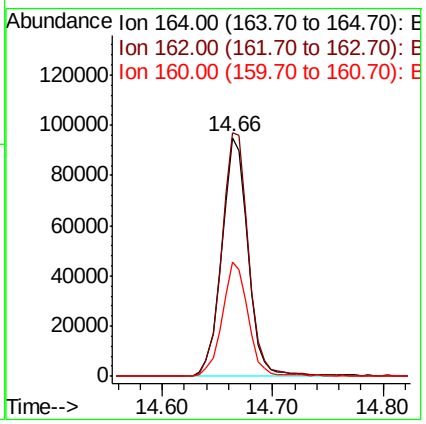


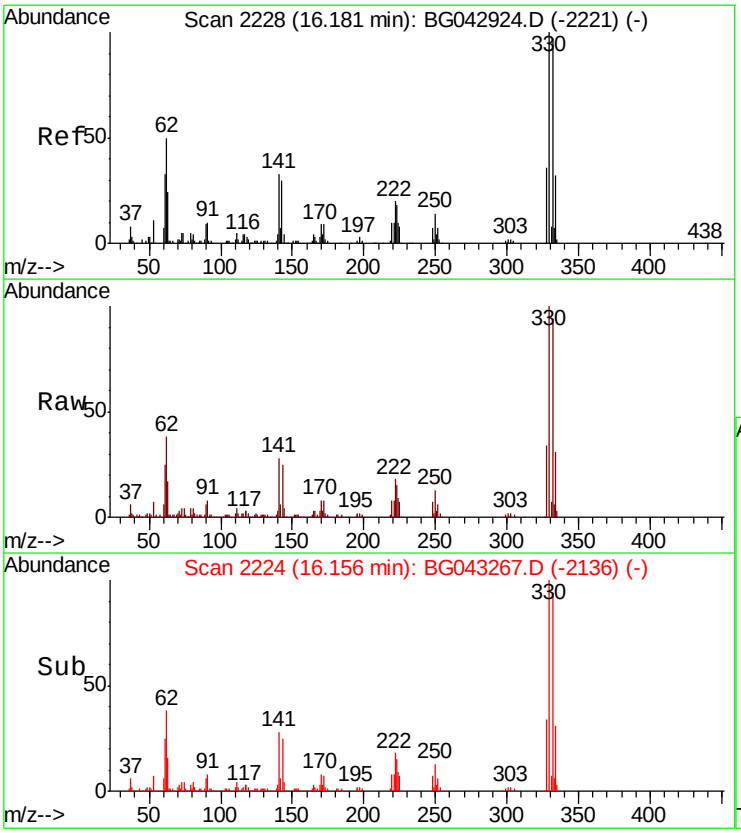
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:164 Resp: 158332

Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.5	117.7
160	47.7	35.9	53.9

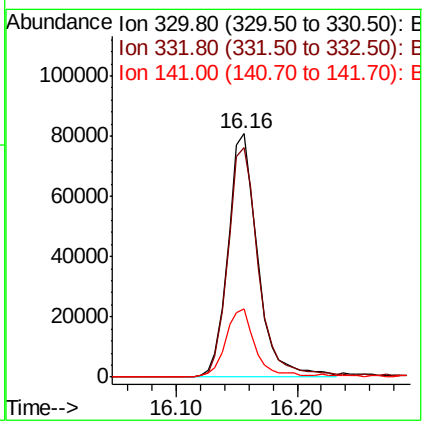


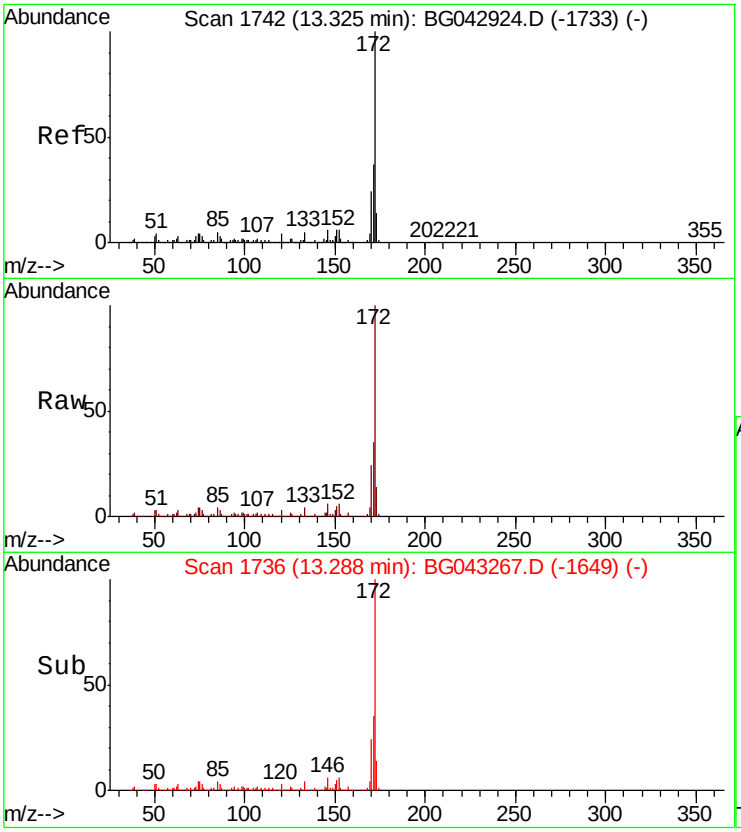


#42
2,4,6-Tribromophenol
Concen: 50.943 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion:330 Resp: 138697

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	27.9	26.0	39.0



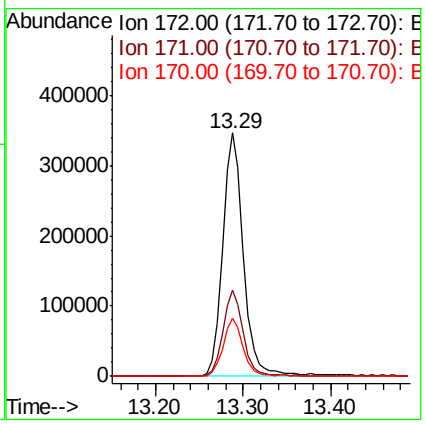


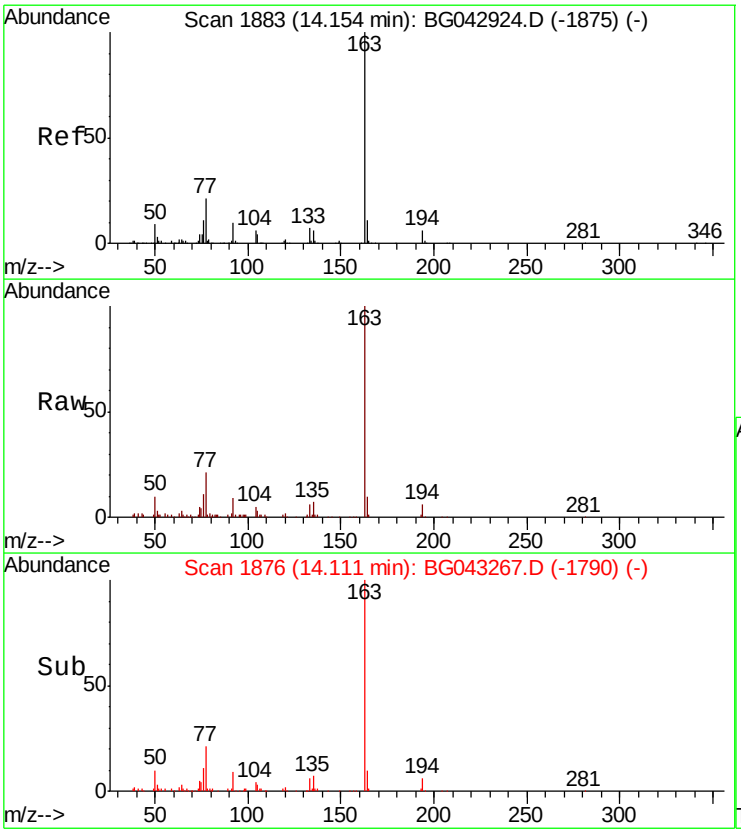
#45
2-Fluorobiphenyl
Concen: 51.793 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:172 Resp: 565664

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.9	19.6	29.4

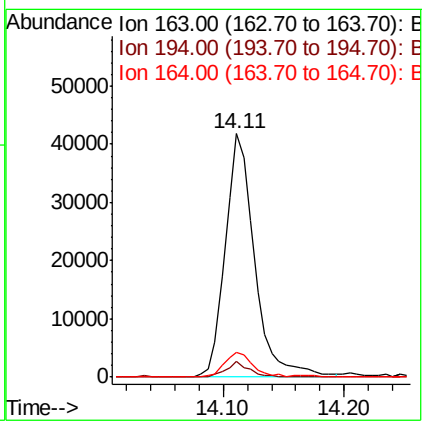


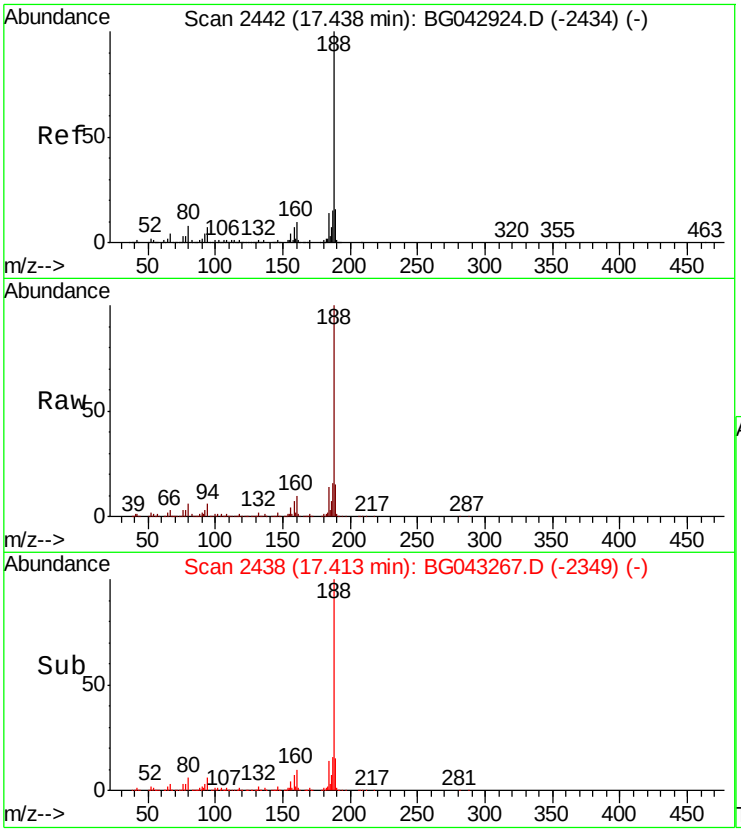


#50
Dimethylphthalate
Concen: 5.950 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion:163 Resp: 70588

Ion	Ratio	Lower	Upper
163	100		
194	6.3	4.4	6.6
164	10.0	8.6	12.8



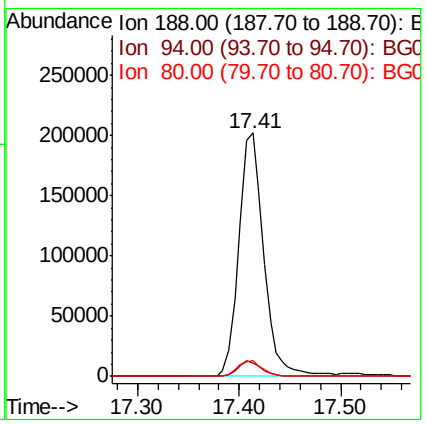


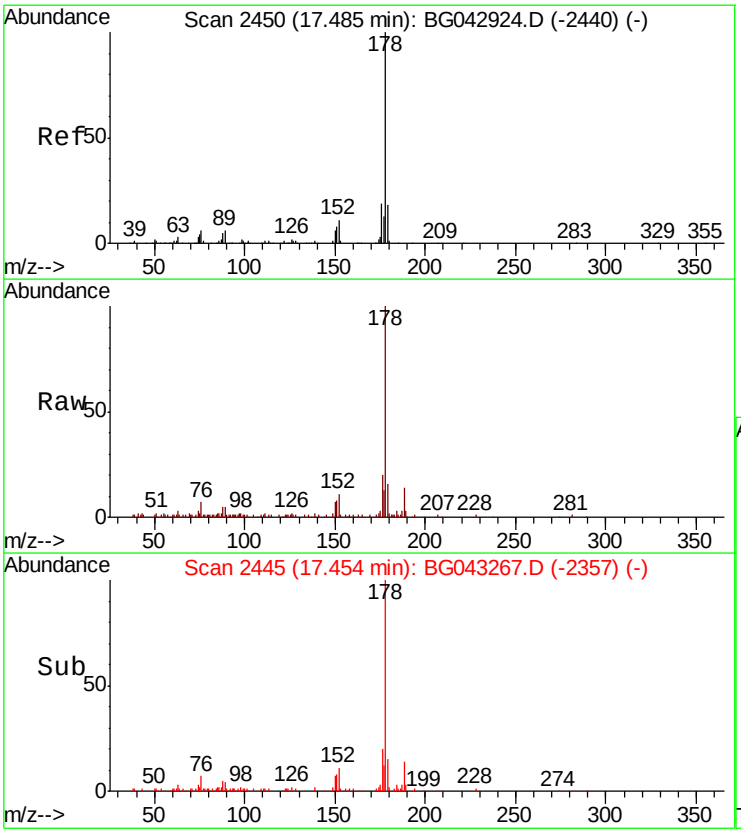
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:188 Resp: 344959

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.7	8.5#
80	6.4	6.5	9.7#

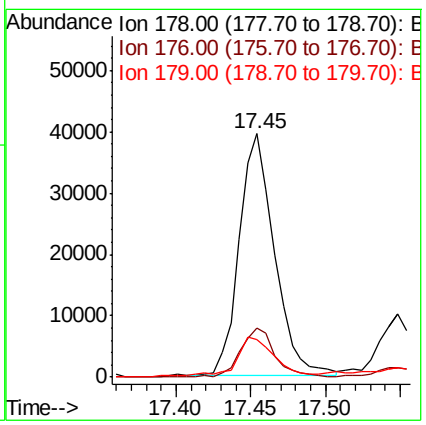


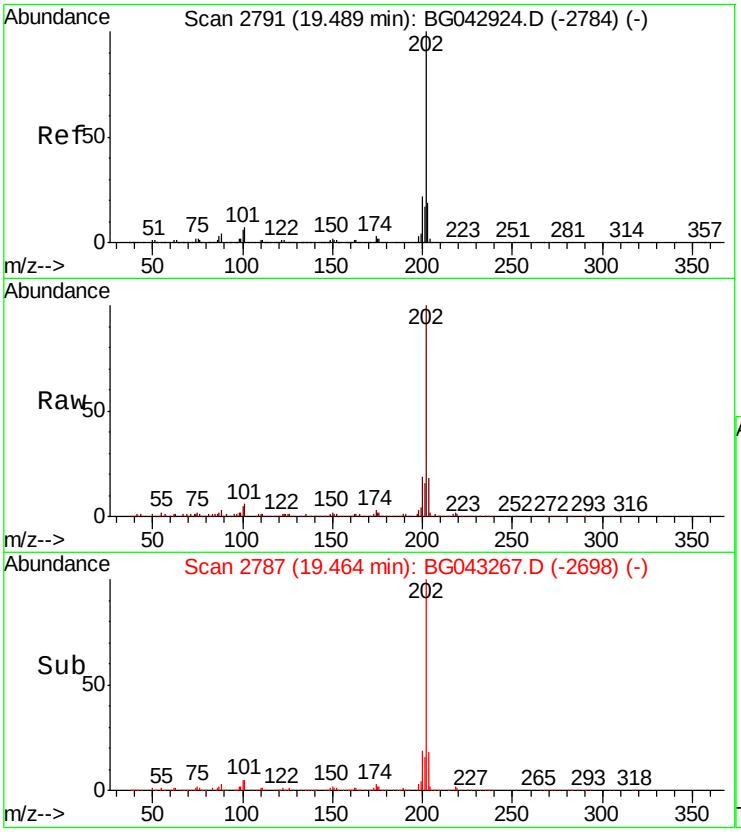


#71
Phenanthrene
Concen: 3.833 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion:178 Resp: 64548

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	15.6	14.1	21.1



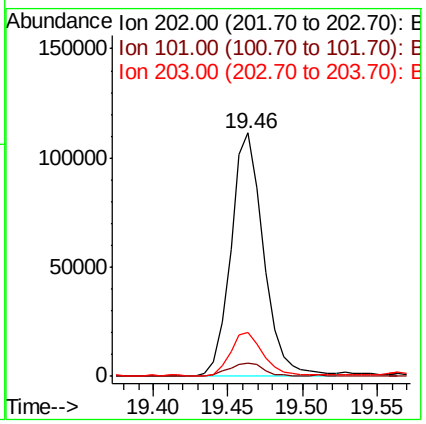


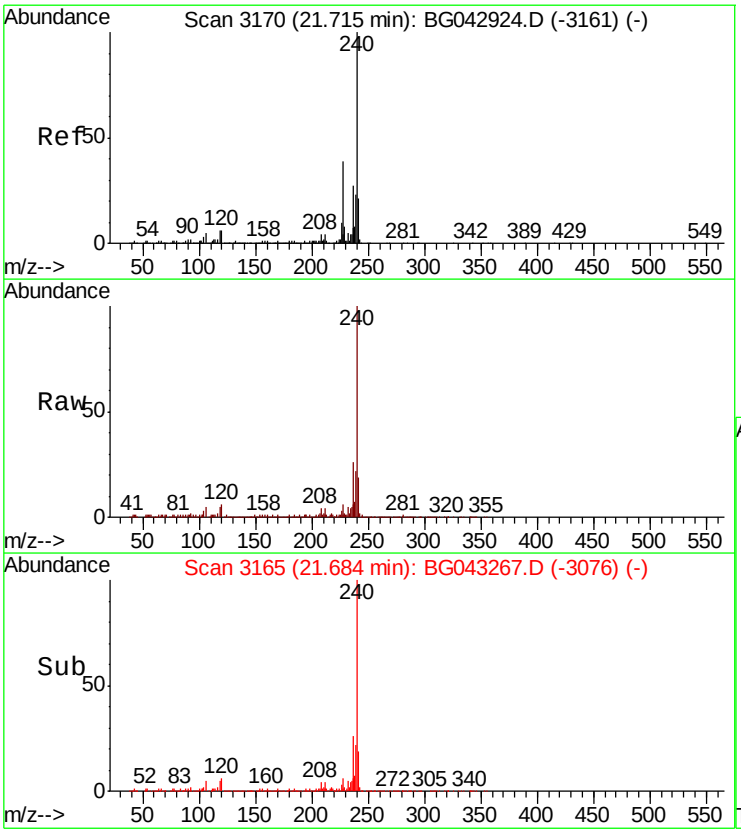
#75
Fluoranthene
Concen: 7.664 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:202 Resp: 170714

Ion	Ratio	Lower	Upper
202	100		
101	5.6	0.0	27.3
203	18.2	0.0	39.5

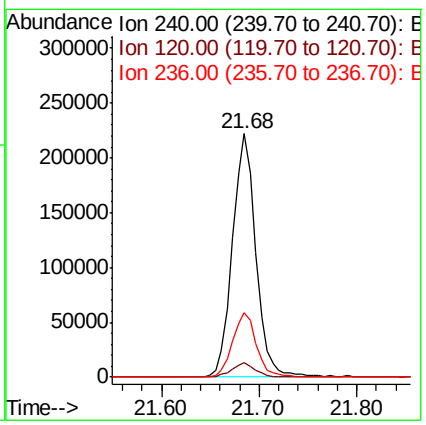


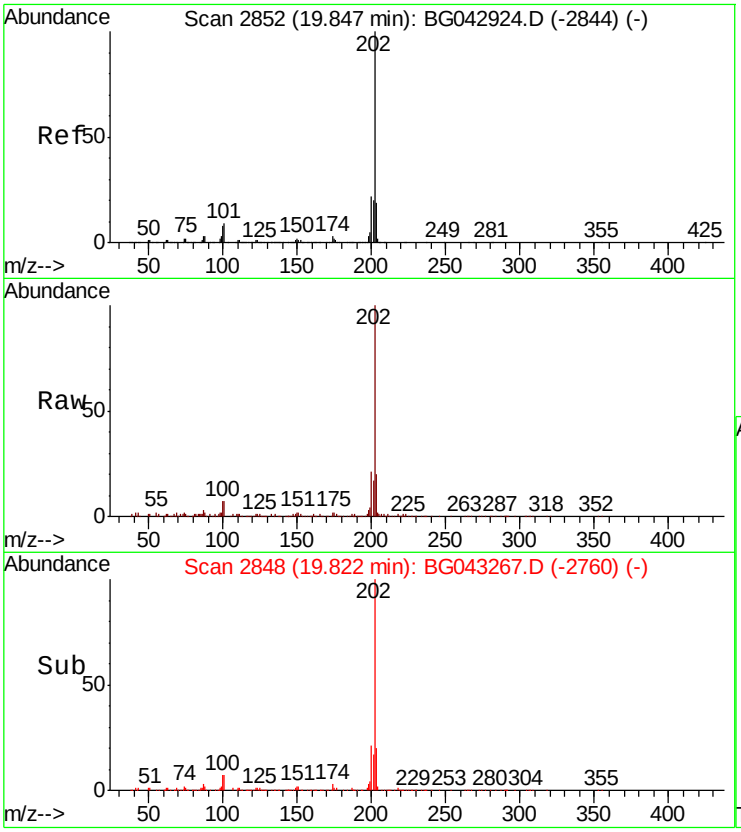


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion:240 Resp: 370333

Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.8	7.2
236	26.4	21.4	32.0



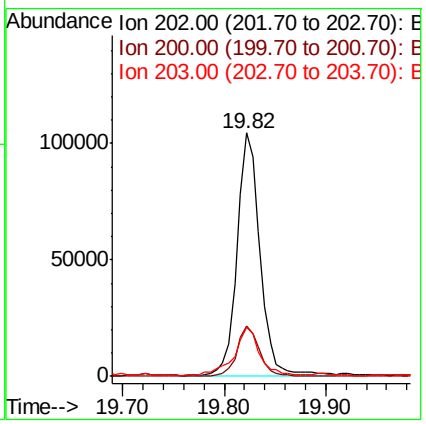


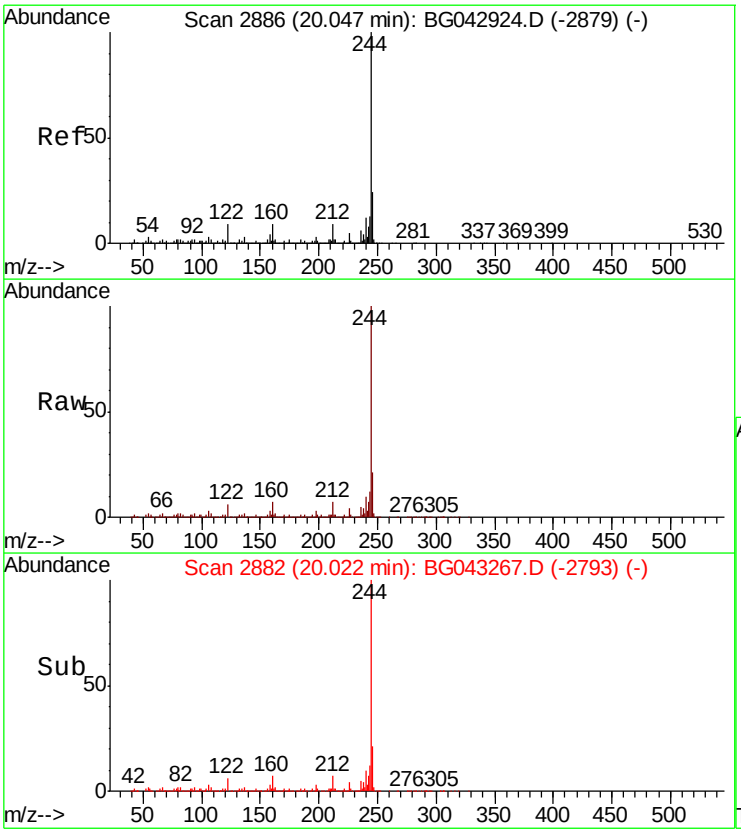
#78
Pyrene
Concen: 7.360 ng
RT: 19.82 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:202 Resp: 162685

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	20.0	15.2	22.8

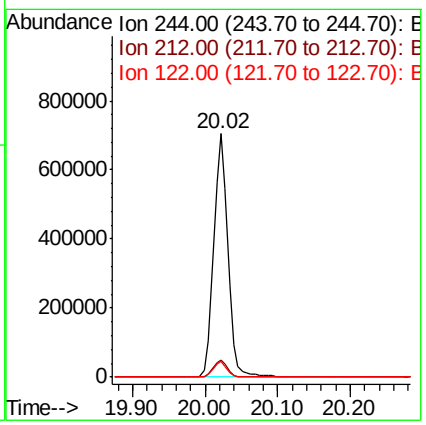


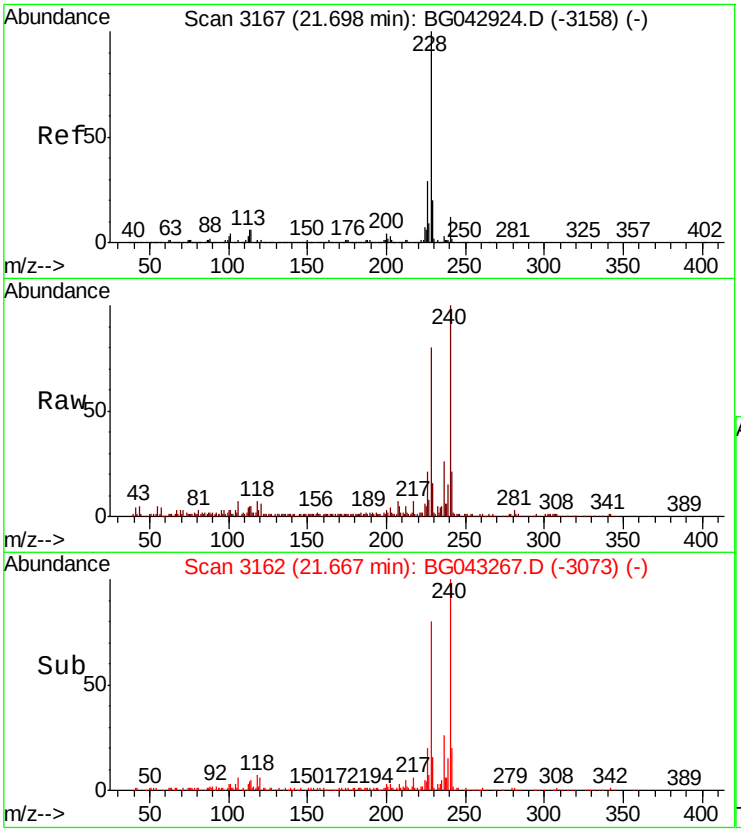


#79
Terphenyl-d14
Concen: 55.104 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion:244 Resp: 957664

Ion	Ratio	Lower	Upper
244	100		
212	6.9	7.4	11.0#
122	6.4	7.0	10.4#



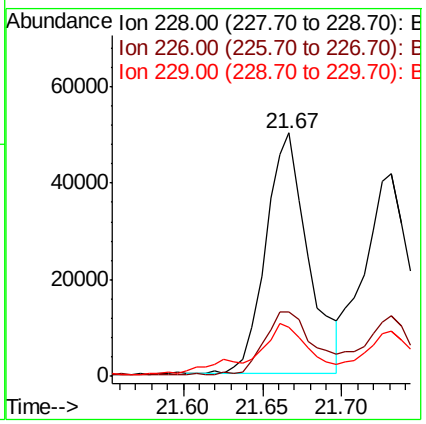


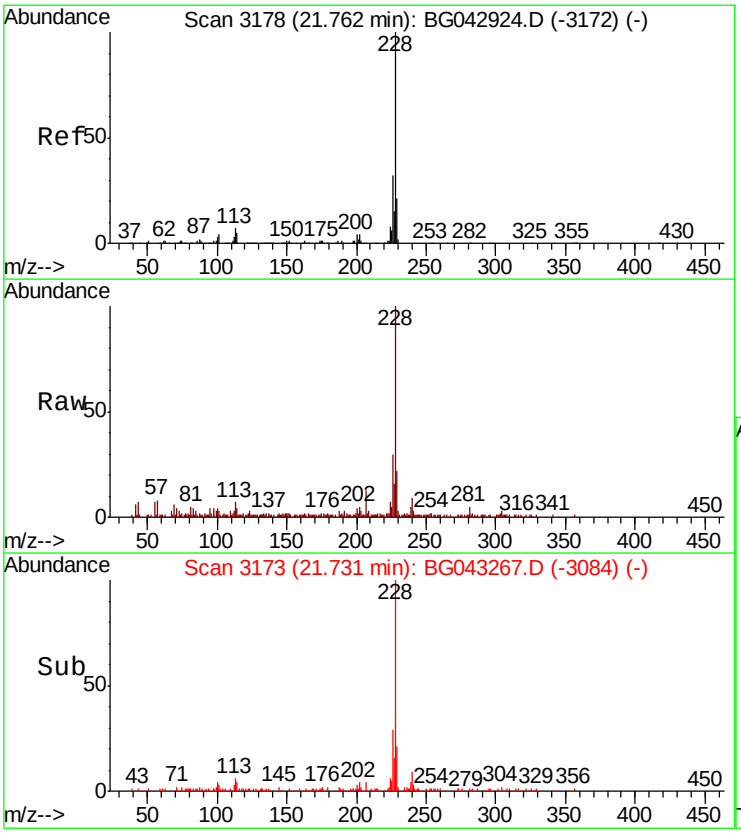
#81
Benzo(a)anthracene
Concen: 4.046 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:228 Resp: 93365

Ion	Ratio	Lower	Upper
228	100		
226	26.5	23.0	34.4
229	20.3	16.3	24.5

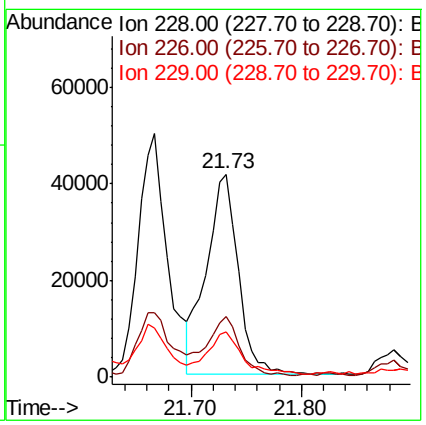


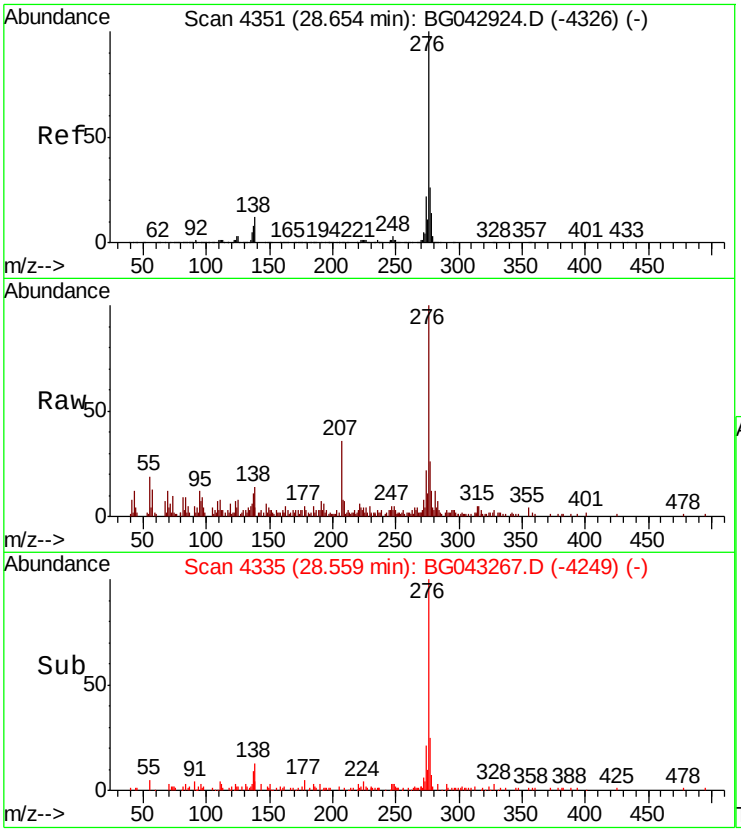


#83
Chrysene
Concen: 3.742 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion:228 Resp: 83787

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.6	38.4
229	22.2	16.9	25.3



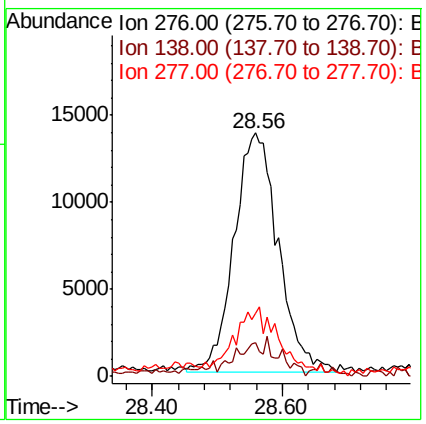


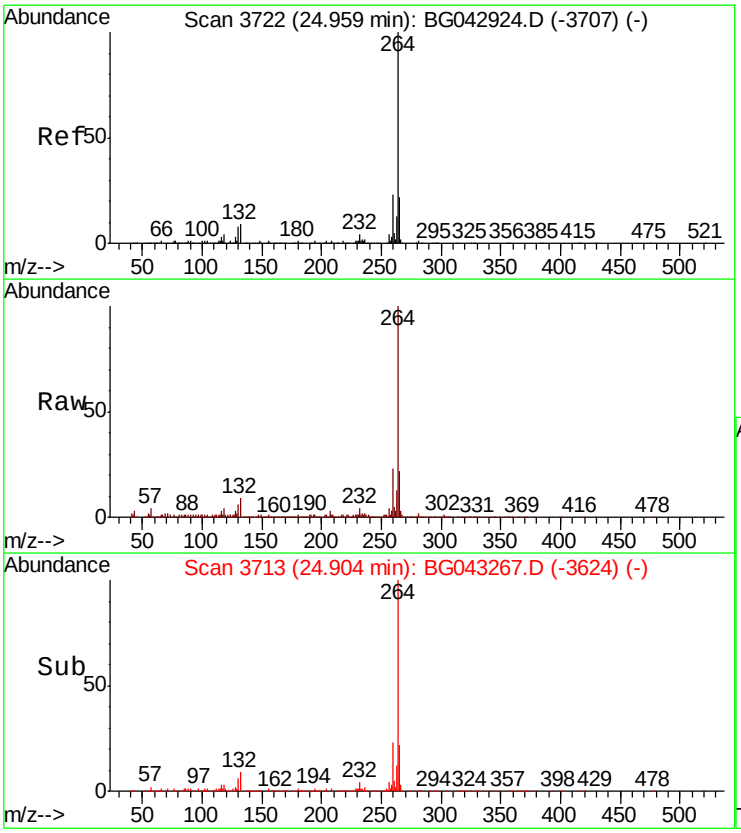
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.304 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:276 Resp: 64222

Ion	Ratio	Lower	Upper
276	100		
138	7.0	7.0	10.6#
277	25.1	20.9	31.3

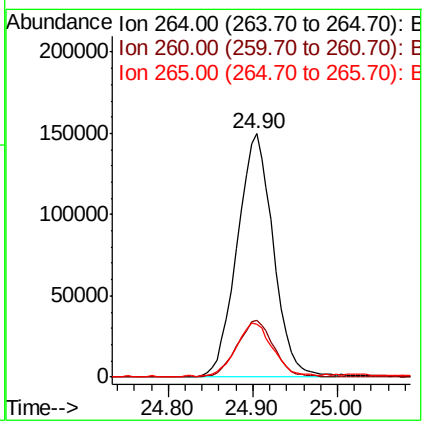


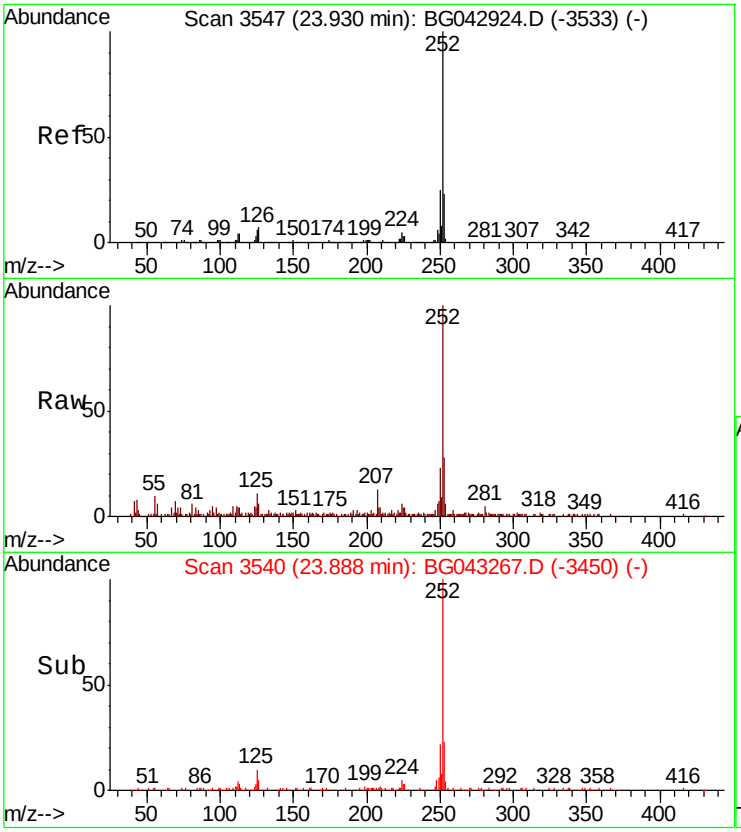


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion:264 Resp: 440703

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	22.0	17.7	26.5



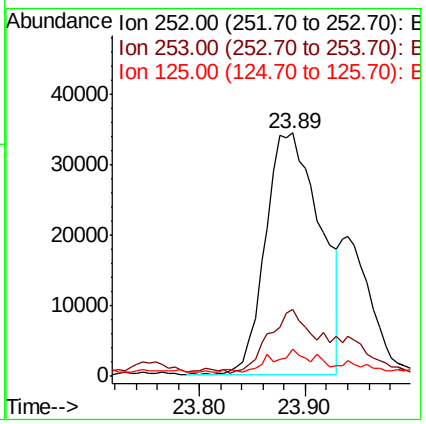


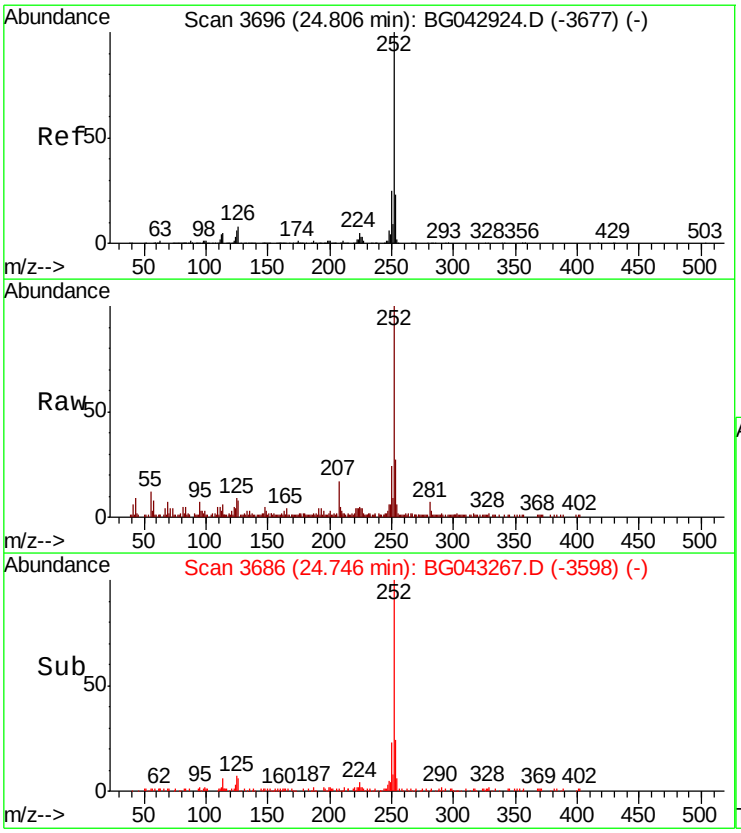
#88
Benzo(b)fluoranthene
Concen: 4.946 ng
RT: 23.89 min Scan# 3540
Delta R.T. 0.00 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:252 Resp: 123333

Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.2	27.2#
125	11.1	4.6	7.0#

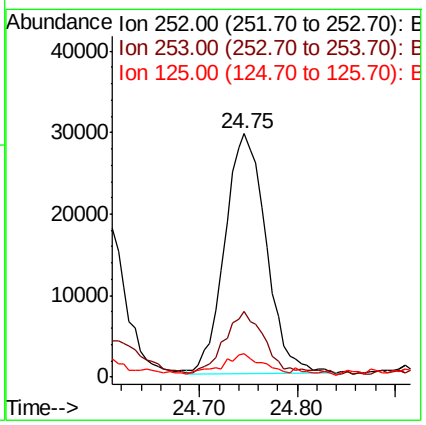


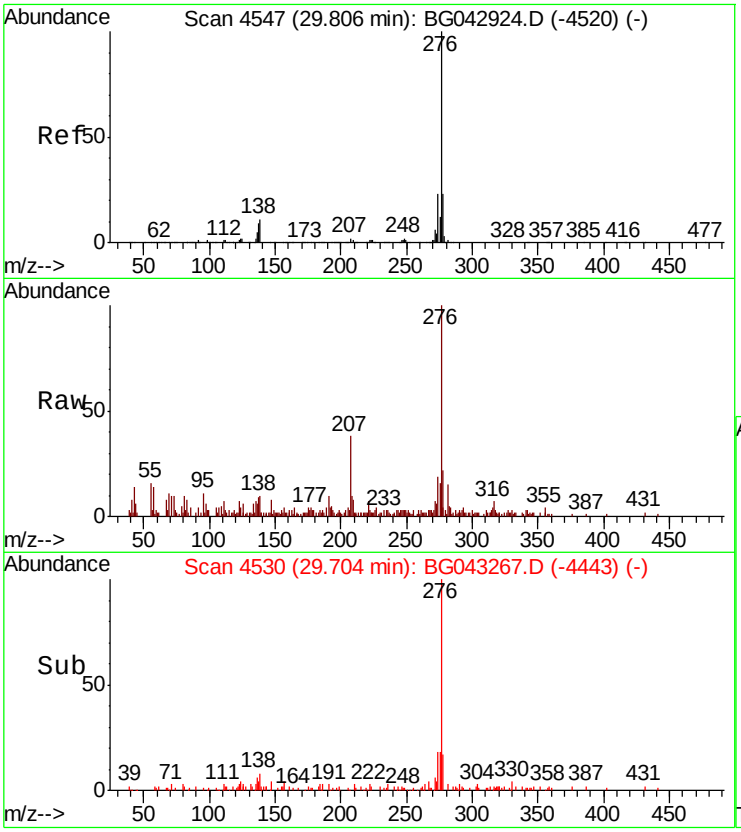


#90
Benzo(a)pyrene
Concen: 3.694 ng
RT: 24.75 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Tgt Ion:252 Resp: 86902

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.2	27.4
125	9.4	5.0	7.6#





#92
Benzo(g,h,i)perylene
Concen: 2.653 ng
RT: 29.70 min Scan# 4530
Delta R.T. -0.02 min
Lab File: BG043267.D
Acq: 17 Oct 2019 18:22

Instrument :
BNA_G
ClientSampleId :
COMP-32

Tgt Ion:276 Resp: 62021

Ion	Ratio	Lower	Upper
276	100		
277	21.9	18.4	27.6
138	9.9	8.6	12.8