Quantitation Report (Not Reviewed)

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 :

Quant Time: Oct 16 01:18:34 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							Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	23015	6.607	ng	#	70
32) Benzoic acid	10.20	122	60	2.825	ng	#	1
50) Dimethylphthalate	14.12	163	50457	3.949	ng	#	95
56) 4-Nitrophenol	15.08	139	4723	2.204	ng	#	3
57) 2,4-Dinitrotoluene	14.67	165	22467	5.638	ng	#	24
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	23.91	252	279027	11.005	ng	#	95
90) Benzo(a)pyrene	24.77	252	207771	8.592	ng	#	95
92) Benzo(g,h,i)perylene	29.75	276	117418	4.887	ng	#	92

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

Quantitation Report (Not Reviewed)

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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 :

Quant Time: Oct 16 01:18:34 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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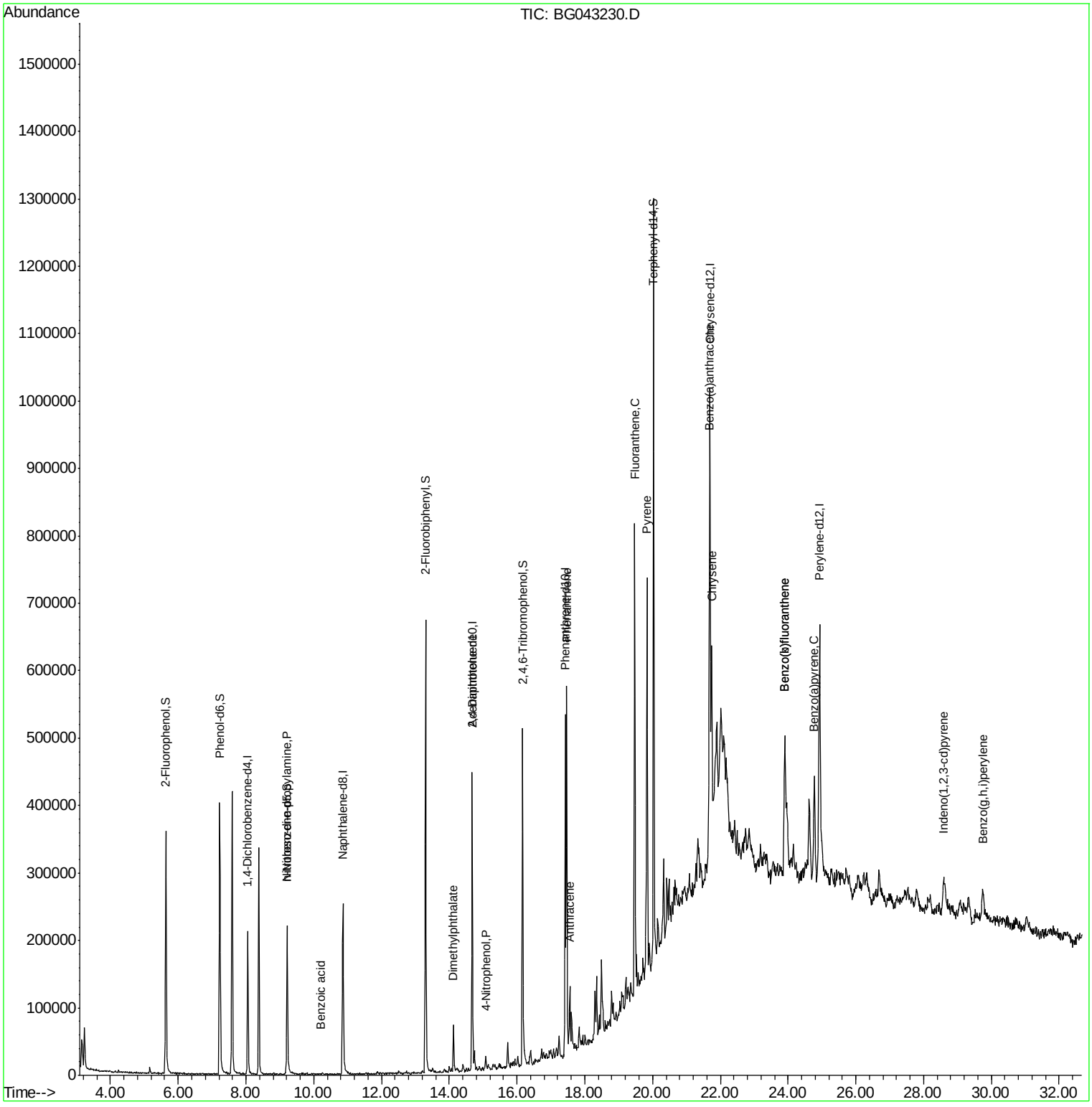
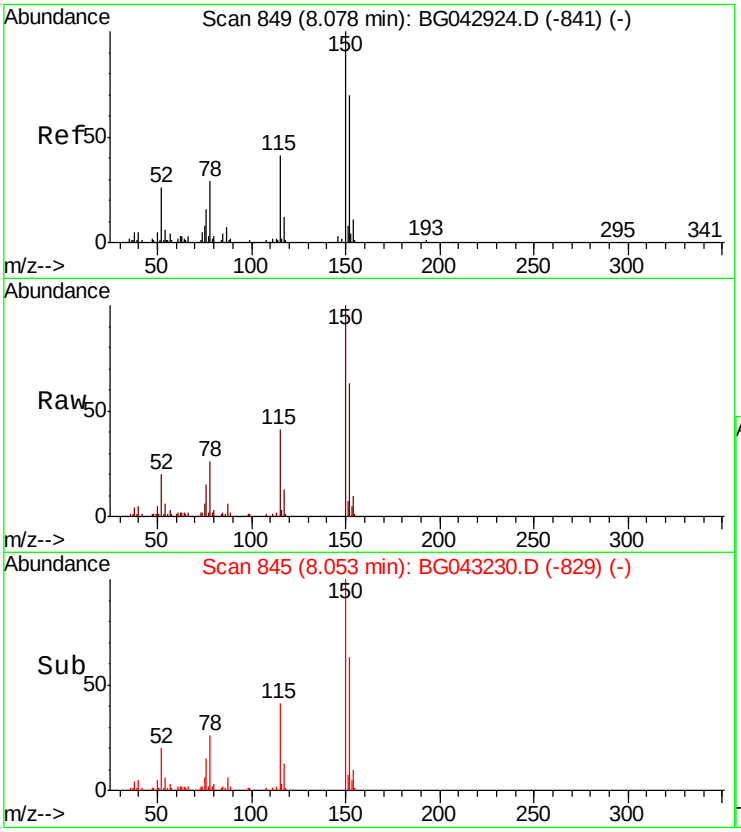


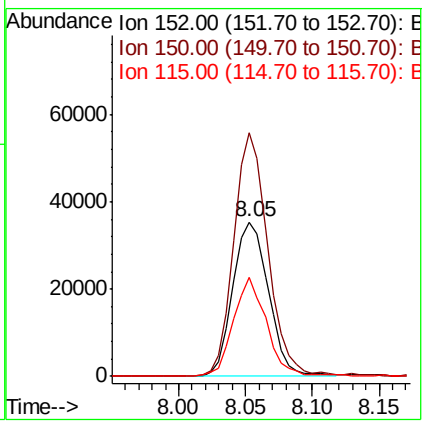


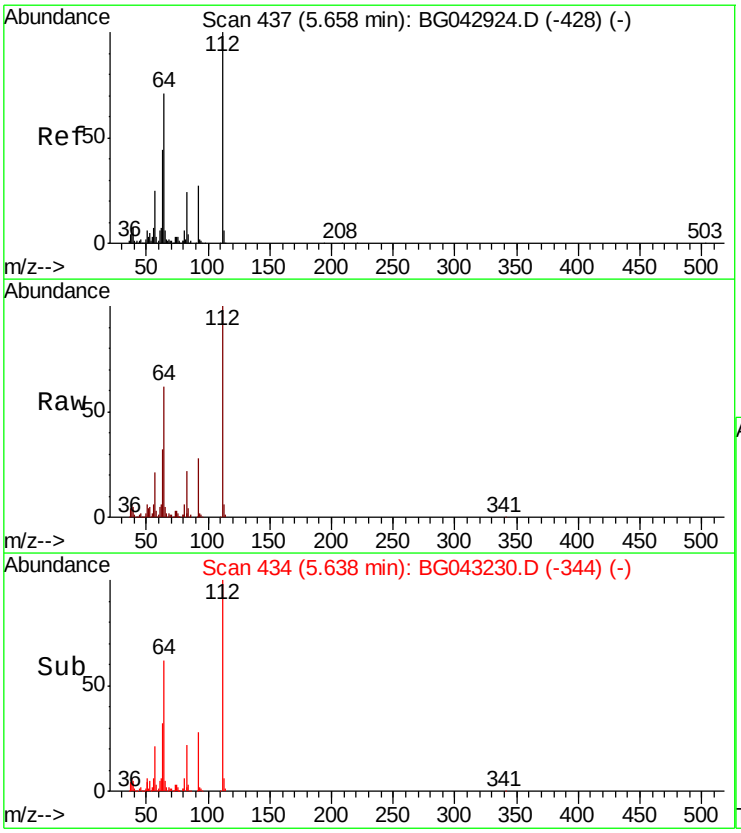
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 65741

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

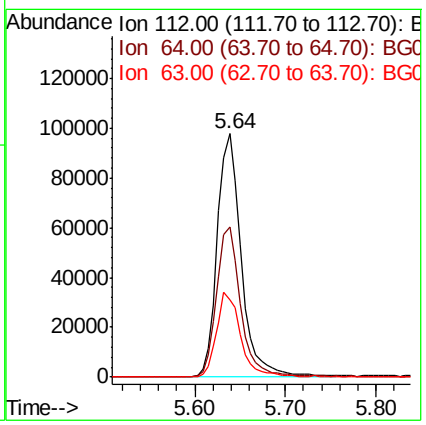


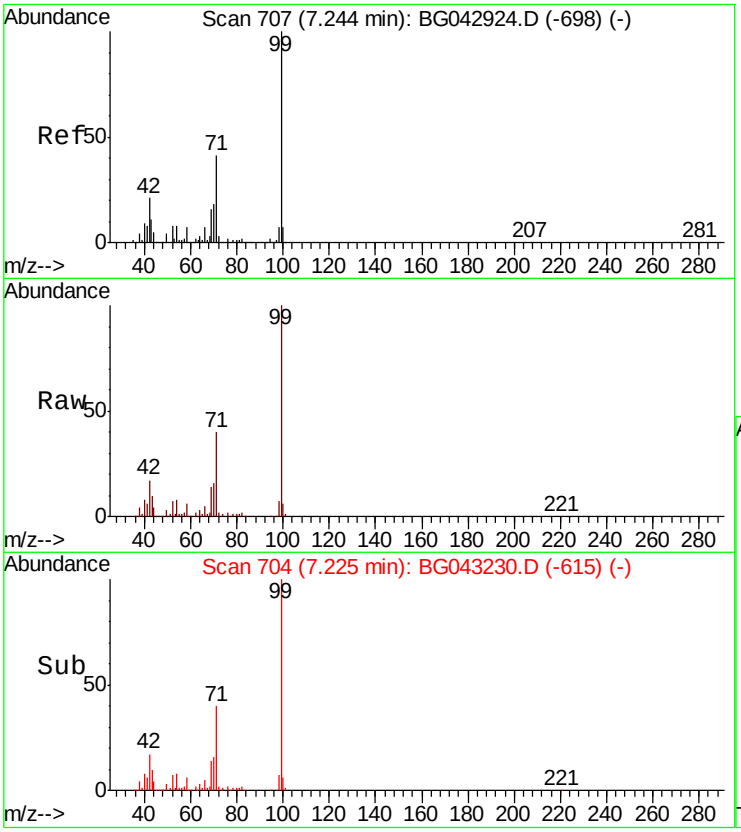


#5
2-Fluorophenol
Concen: 48.928 ng
RT: 5.64 min Scan# 434
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion:112 Resp: 180237

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



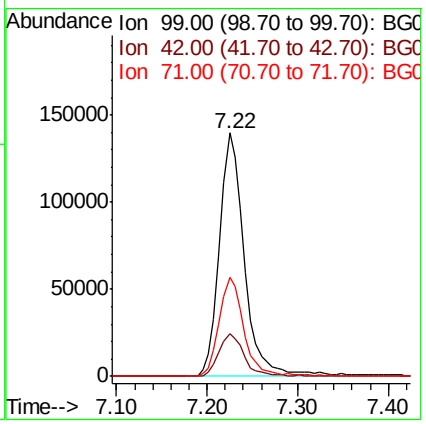


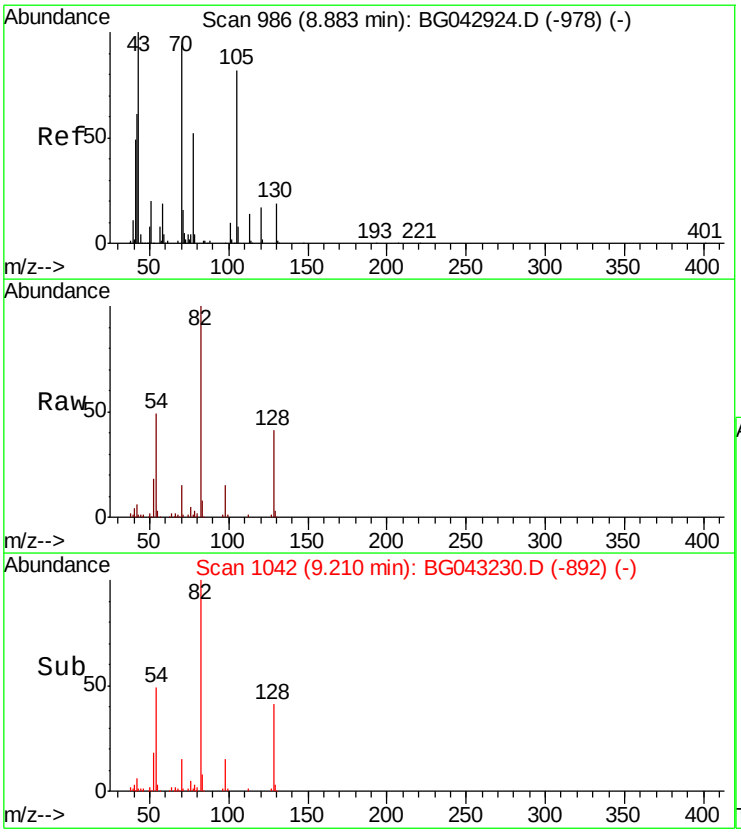
#7
Phenol-d6
Concen: 50.305 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 266860

Ion	Ratio	Lower	Upper
99	100		
42	17.3	17.2	25.8
71	40.4	33.1	49.7

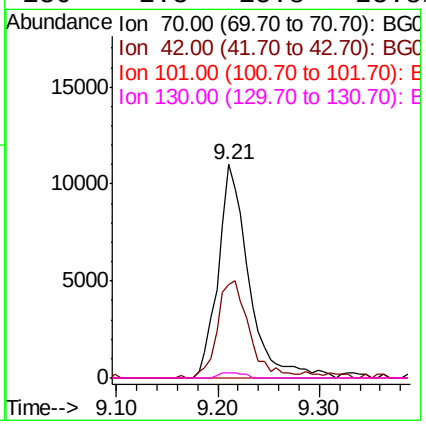


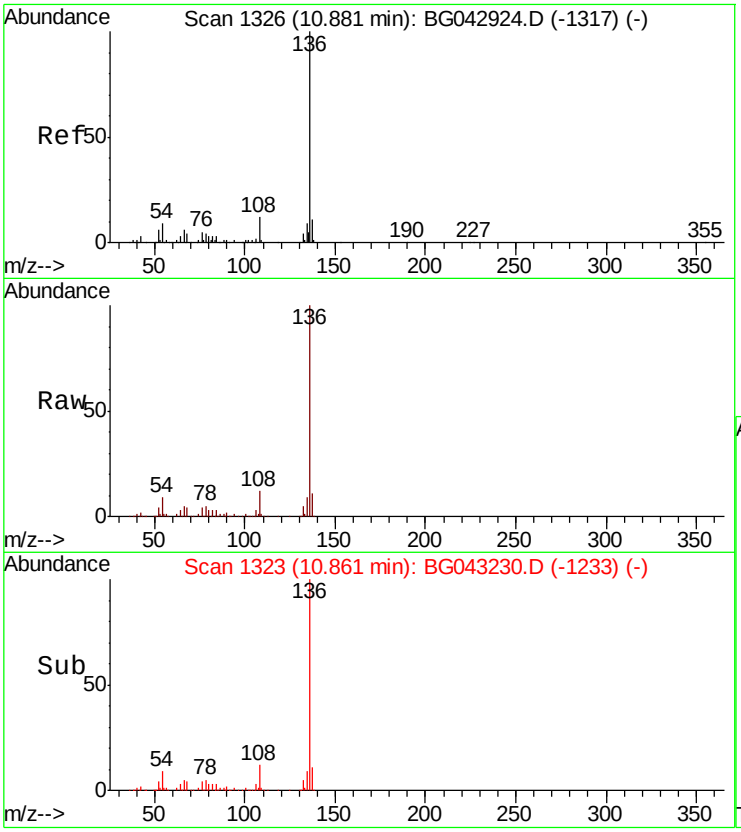


#19
n-Nitroso-di-n-propylamine
Concen: 6.607 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.35 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion: 70 Resp: 23015

Ion	Ratio	Lower	Upper
70	100		
42	43.8	52.6	79.0#
101	0.0	8.7	13.1#
130	2.3	15.8	23.8#



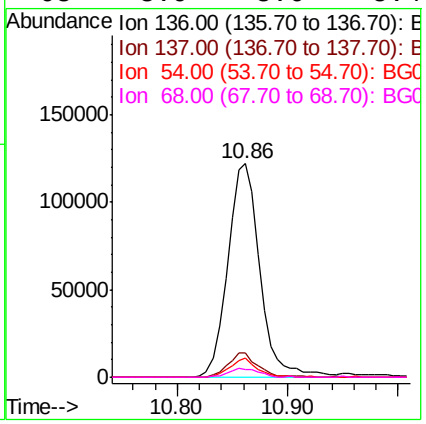


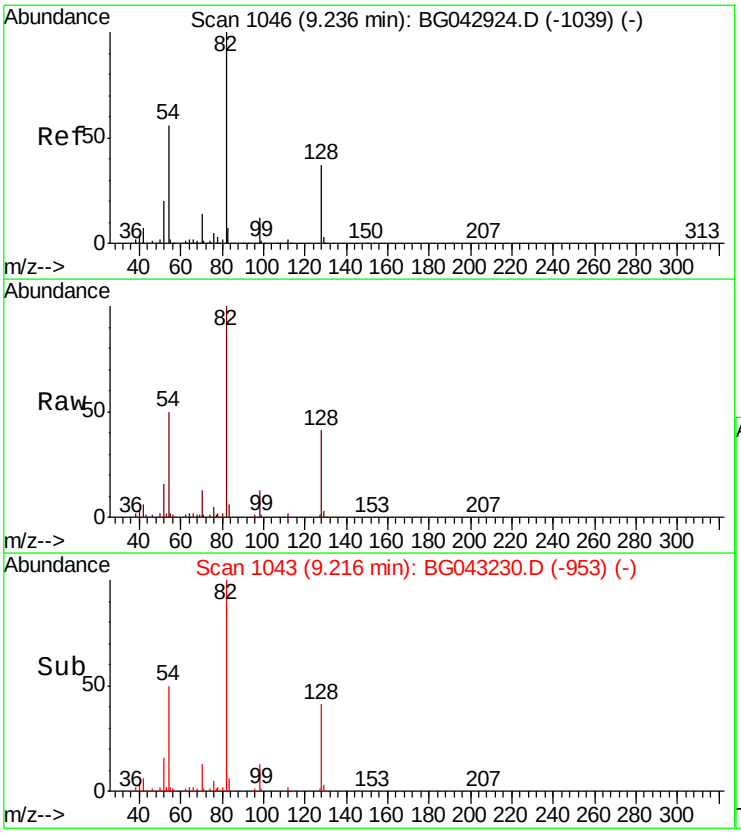
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

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

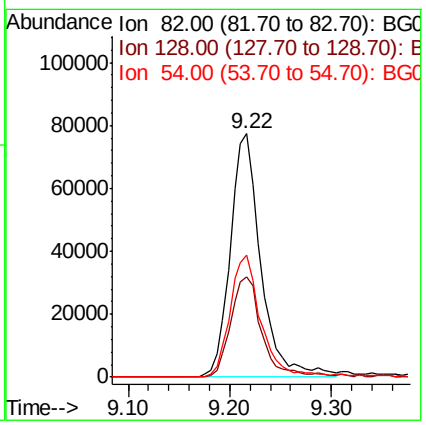


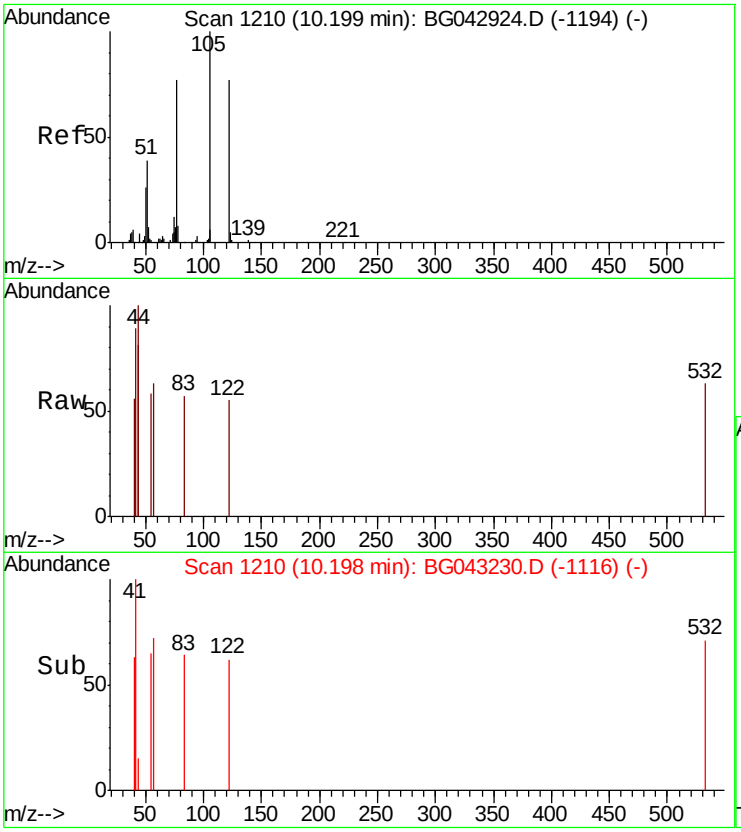


#23
Nitrobenzene-d5
Concen: 31.533 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion: 82 Resp: 161582

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



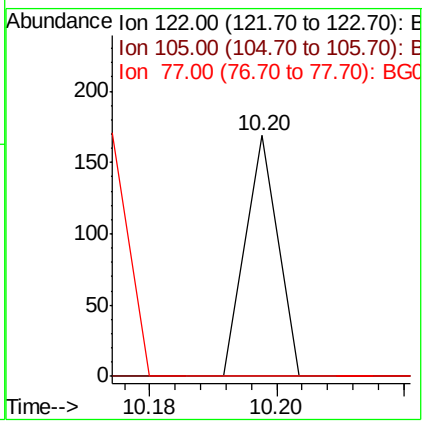


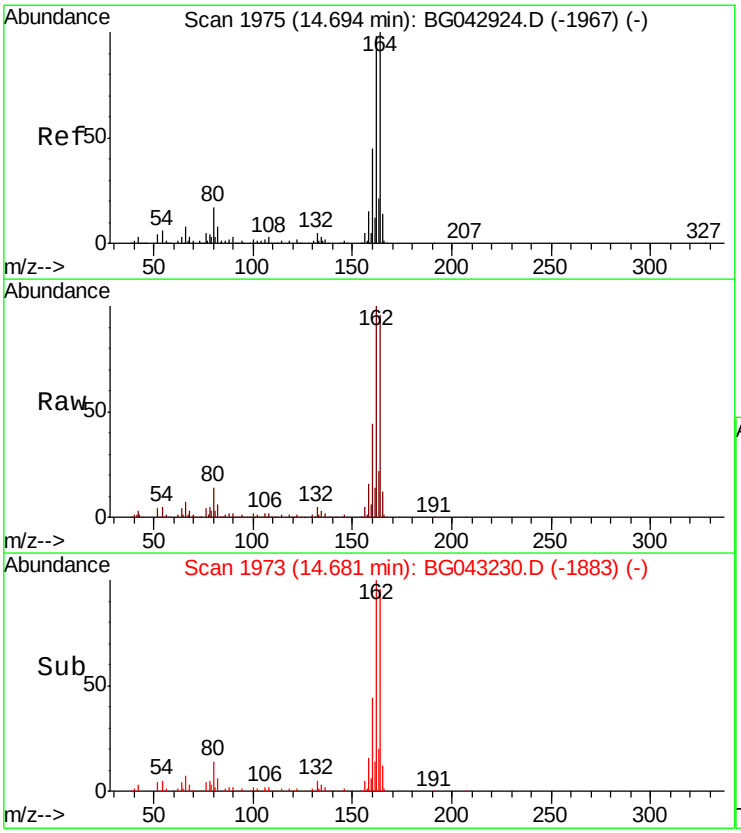
#32
Benzoic acid
Concen: 2.825 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.02 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 60

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#

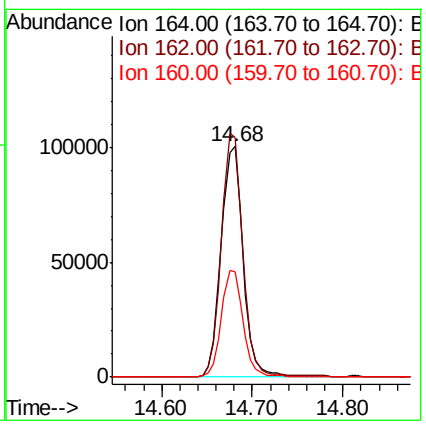


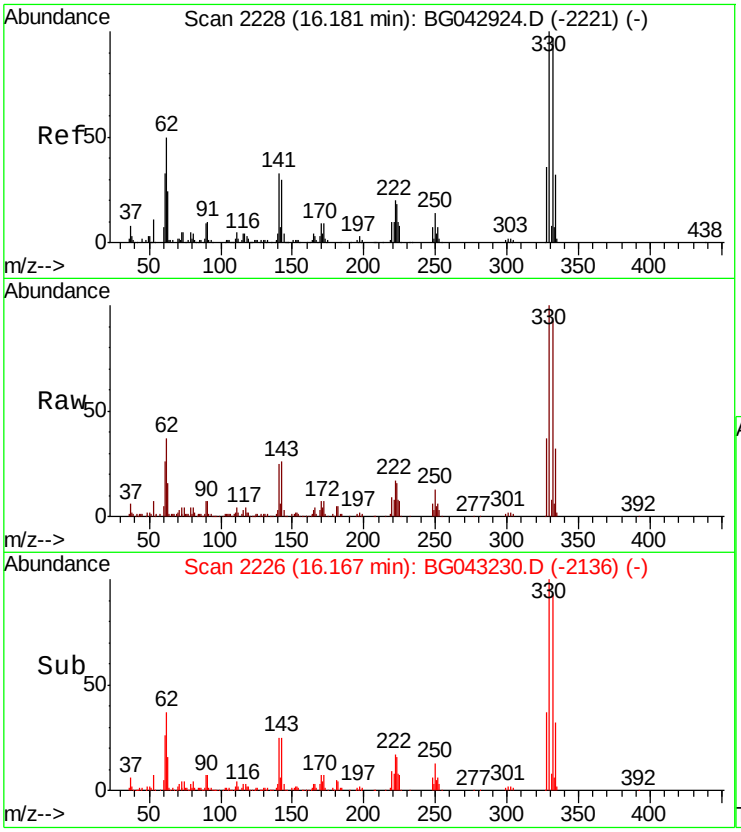


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion:164 Resp: 170549

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



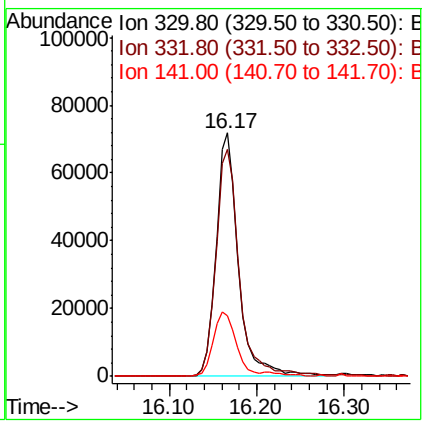


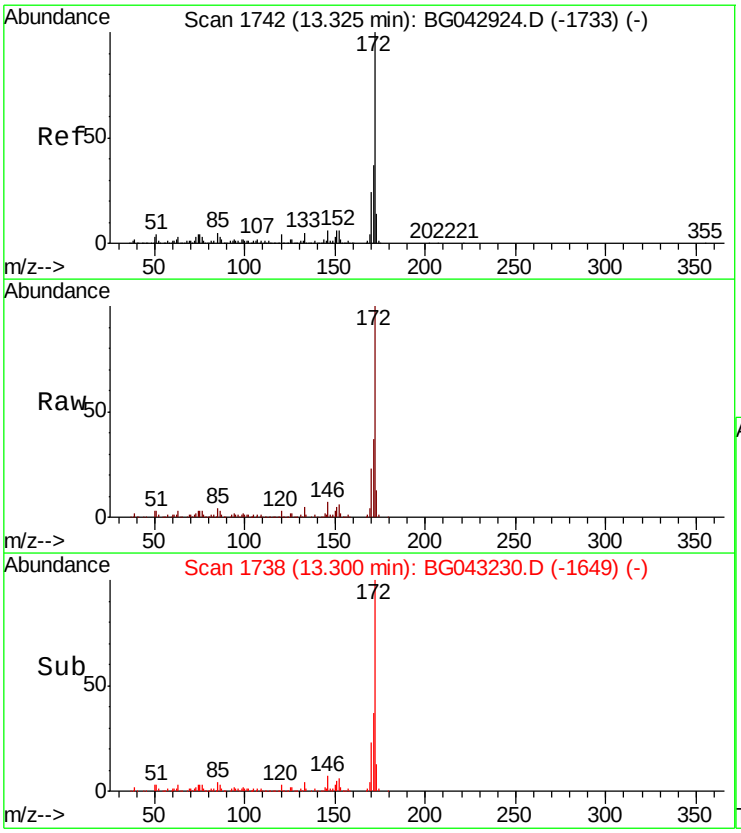
#42
2,4,6-Tribromophenol
Concen: 43.291 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 126959

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

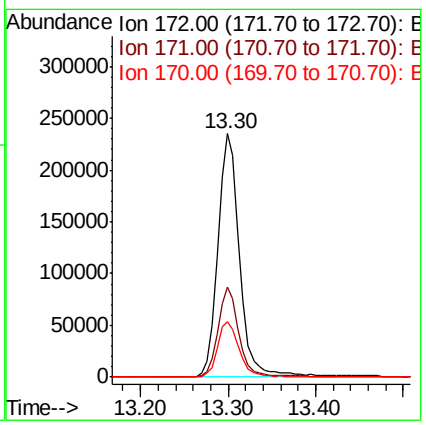


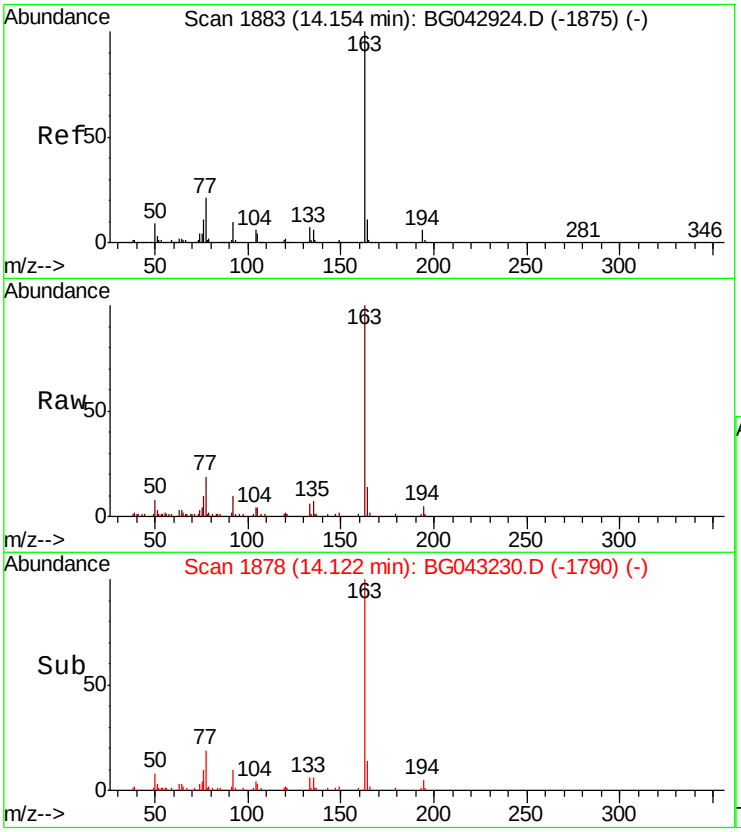


#45
2-Fluorobiphenyl
Concen: 34.475 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion:172 Resp: 405579

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



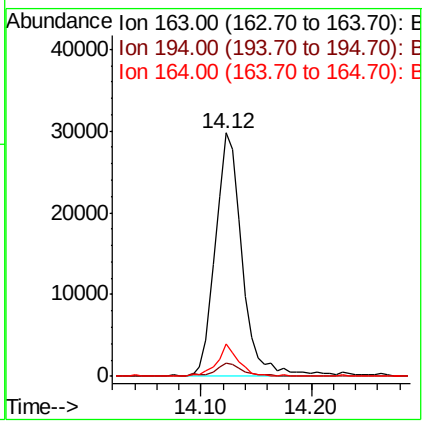


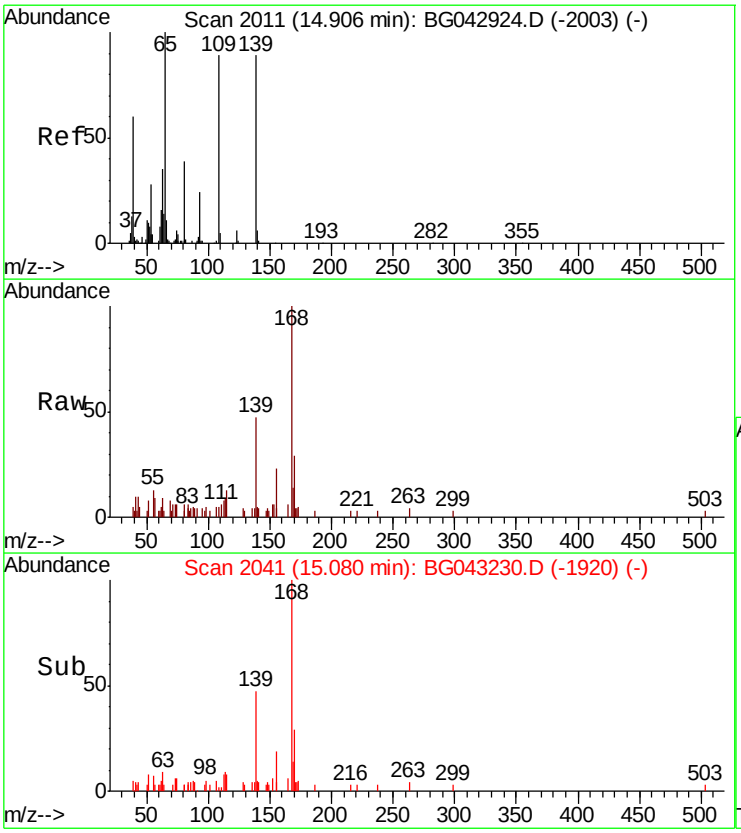
#50
Dimethylphthalate
Concen: 3.949 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 50457

Ion	Ratio	Lower	Upper
163	100		
194	5.4	4.4	6.6
164	13.6	8.6	12.8#

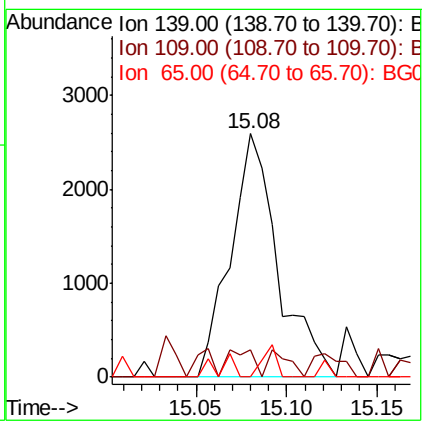


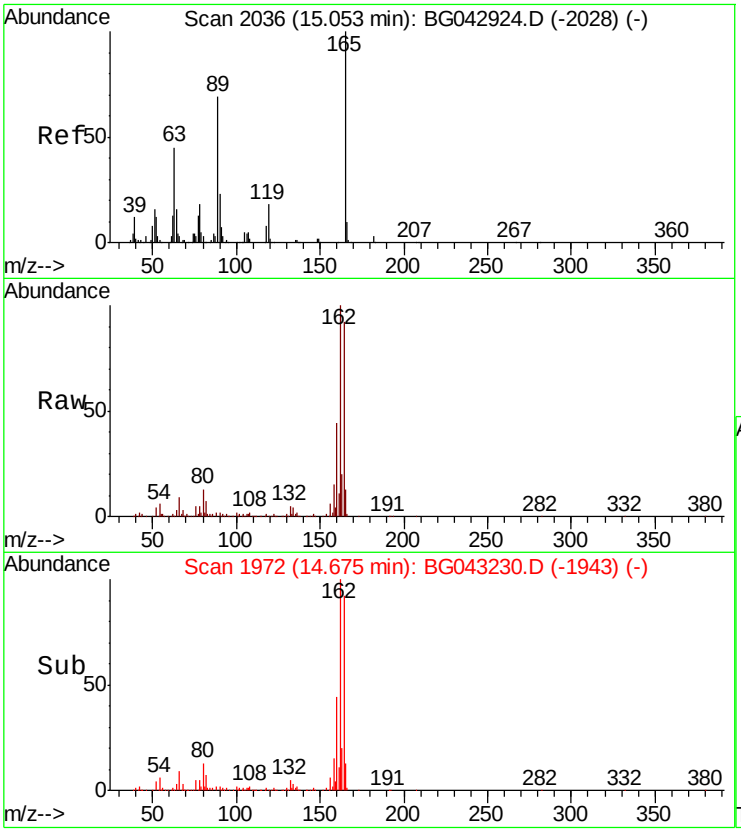


#56
4-Nitrophenol
Concen: 2.204 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.18 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion:139 Resp: 4723

Ion	Ratio	Lower	Upper
139	100		
109	11.4	79.4	119.4#
65	0.0	92.5	132.5#



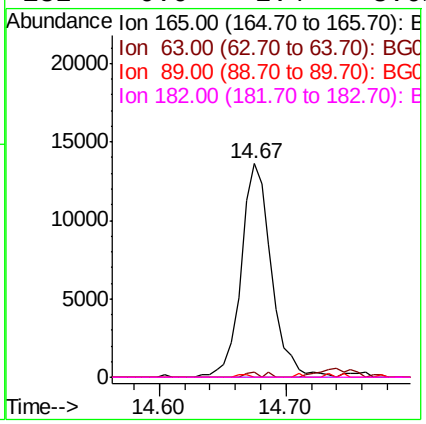


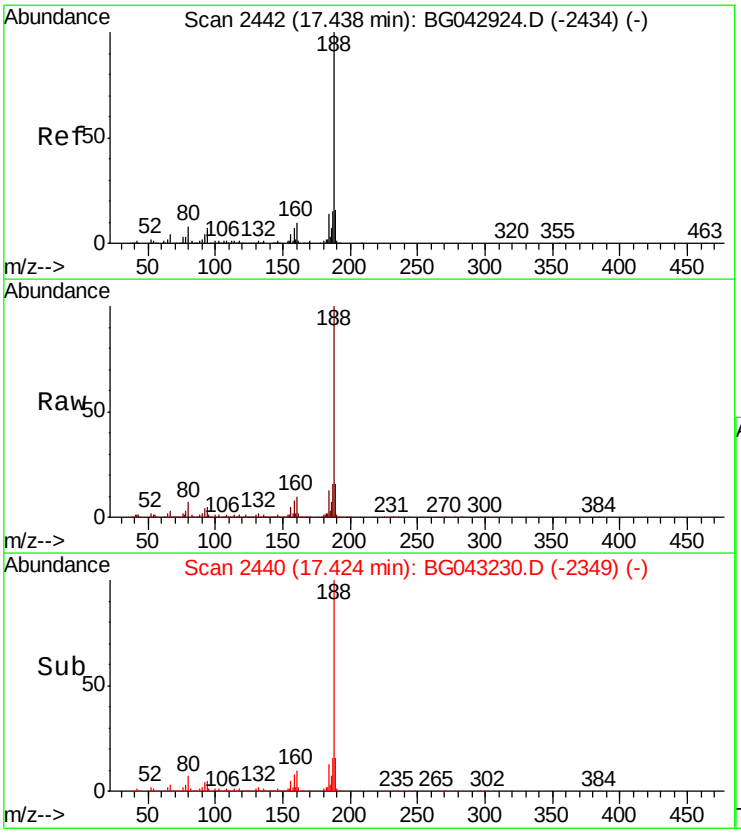
#57
2,4-Dinitrotoluene
Concen: 5.638 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22467

Ion	Ratio	Lower	Upper
165	100		
63	2.3	36.5	54.7#
89	0.0	55.5	83.3#
182	0.0	2.4	3.6#

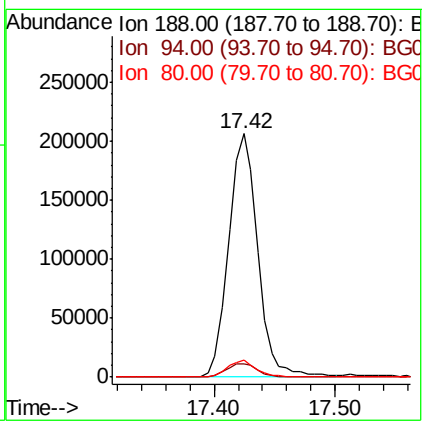


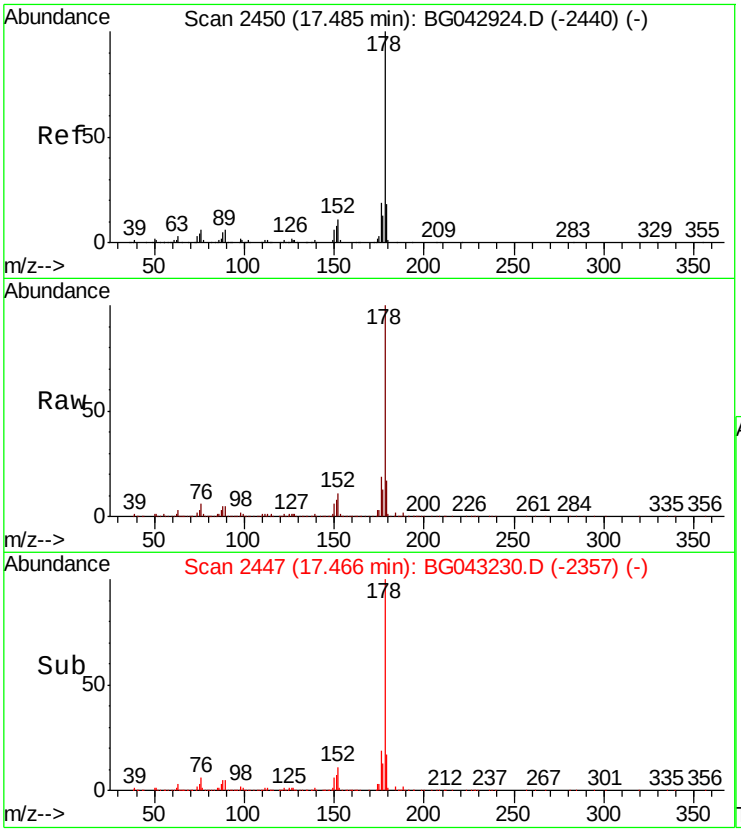


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

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



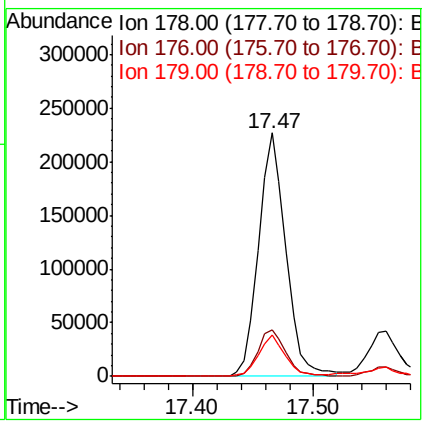


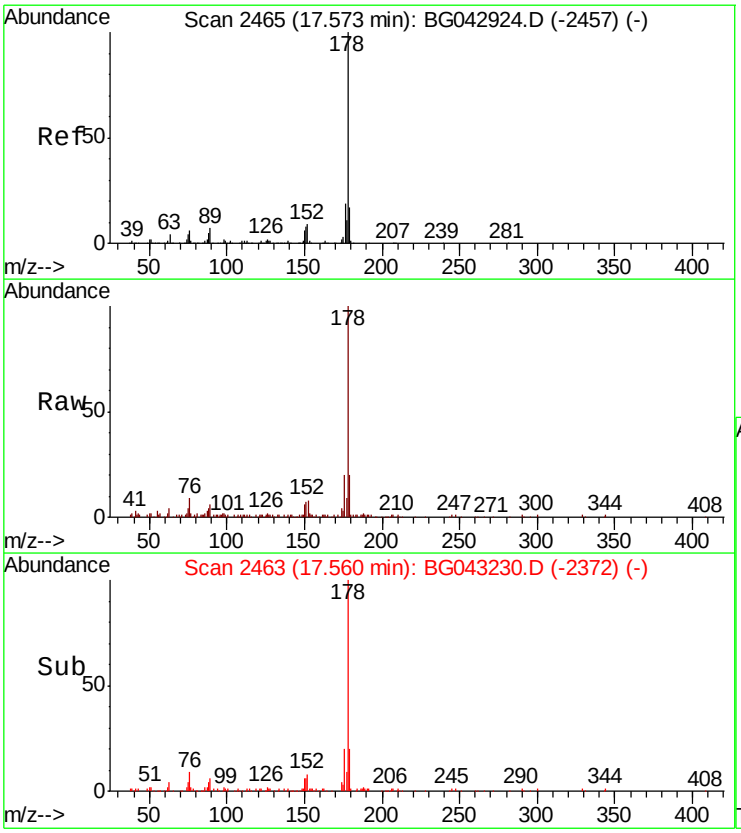
#71
Phenanthrene
Concen: 20.993 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 354732

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

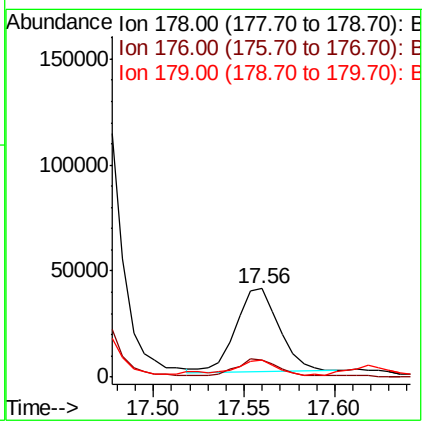


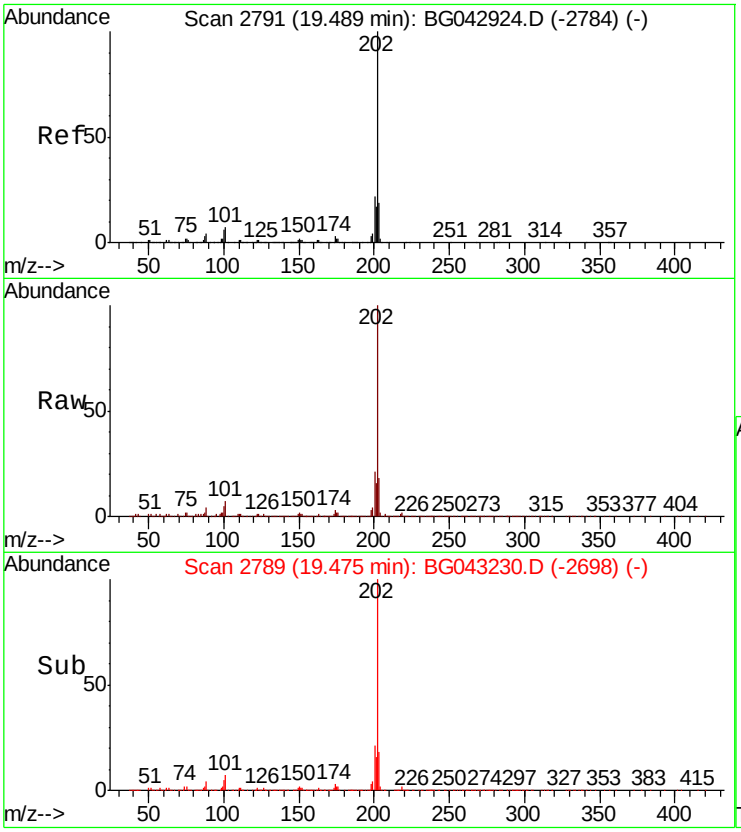


#72
Anthracene
Concen: 3.907 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion:178 Resp: 65914

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



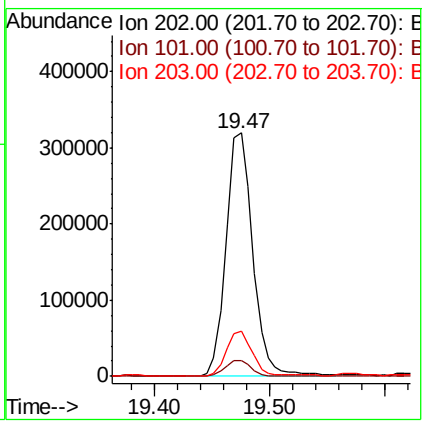


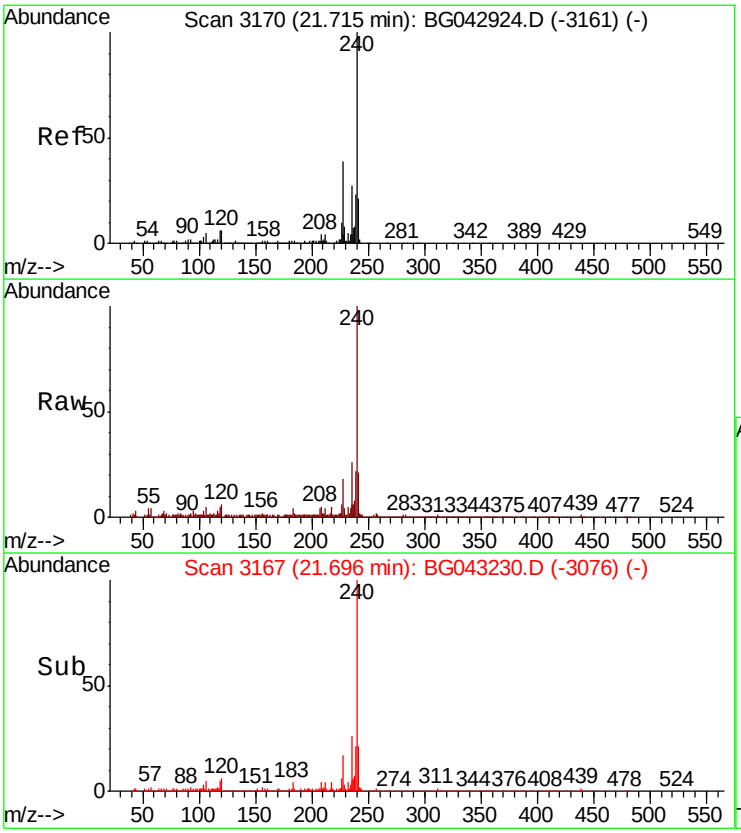
#75
Fluoranthene
Concen: 22.937 ng
RT: 19.47 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 512648

Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	27.3
203	18.4	0.0	39.5

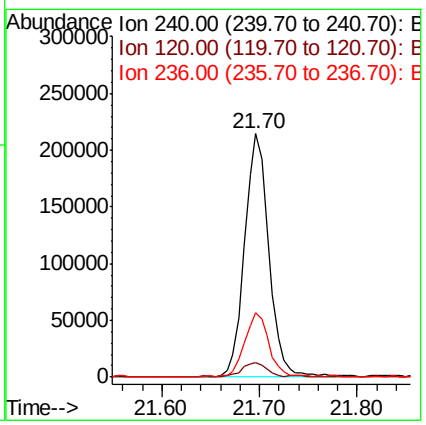


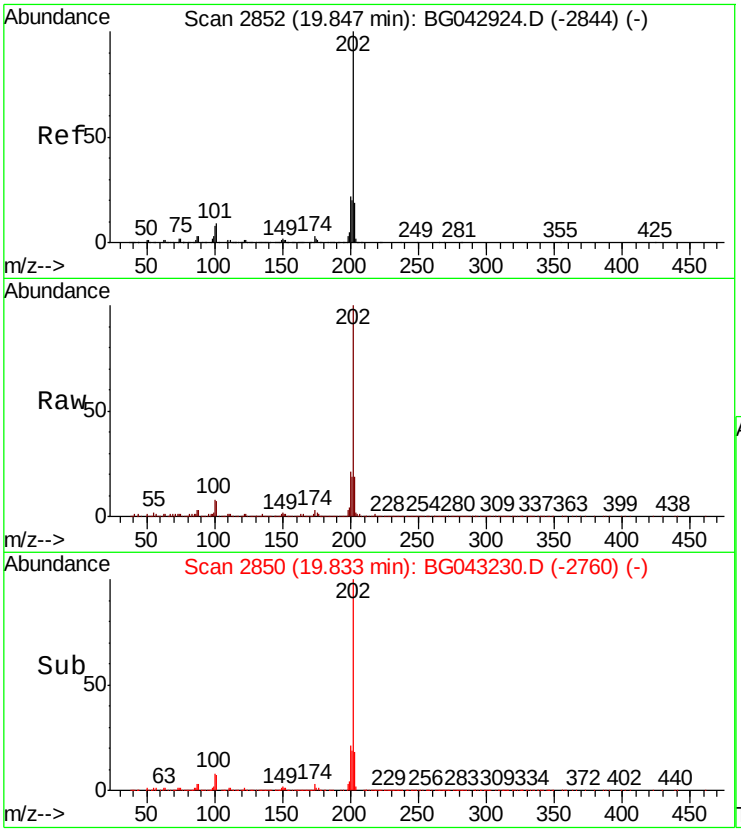


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. 0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion:240 Resp: 370788

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



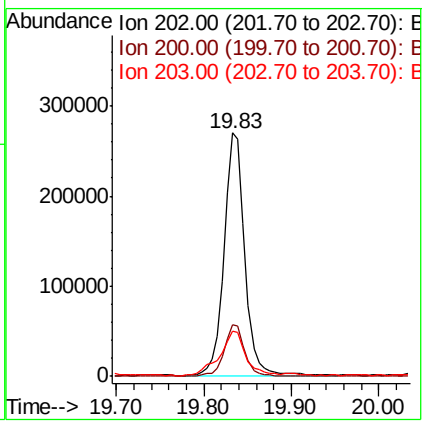


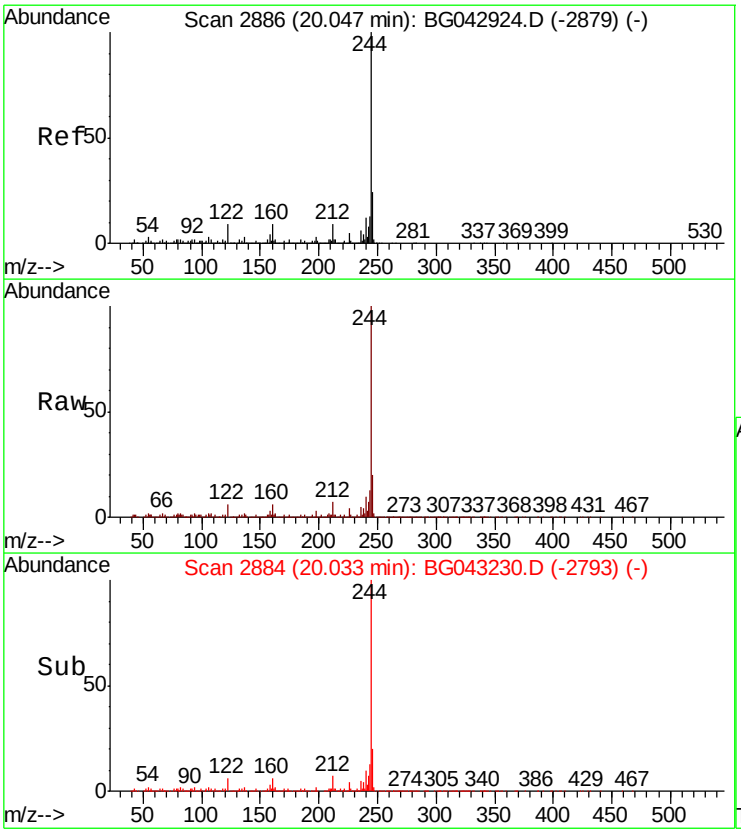
#78
Pyrene
Concen: 19.852 ng
RT: 19.83 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 439338

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

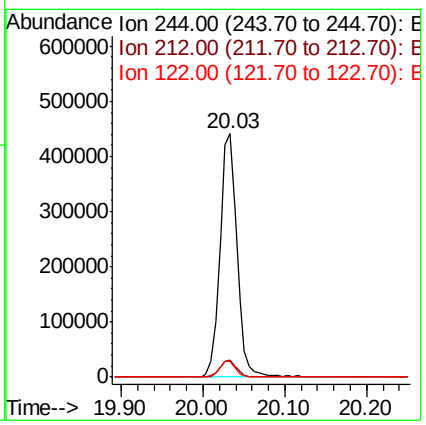


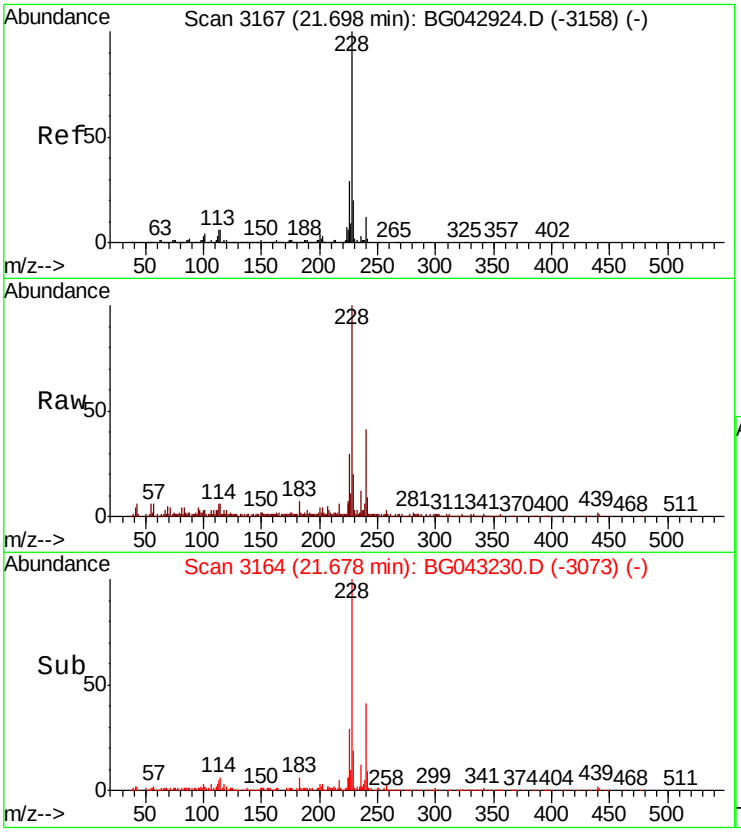


#79
Terphenyl-d14
Concen: 36.596 ng
RT: 20.03 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion:244 Resp: 636788

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



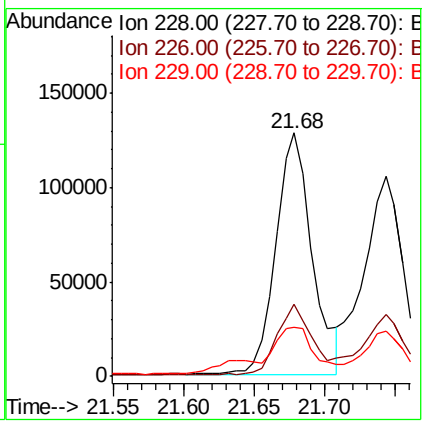


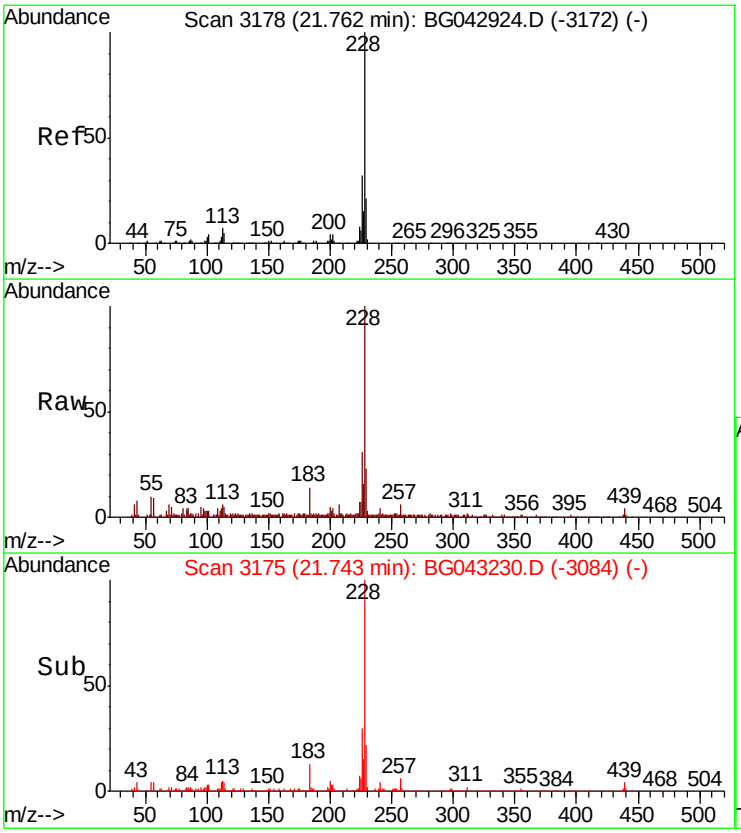
#81
Benzo(a)anthracene
Concen: 9.861 ng
RT: 21.68 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 227834

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.4
229	20.1	16.3	24.5

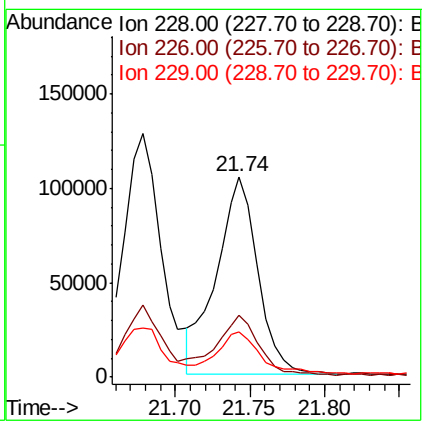


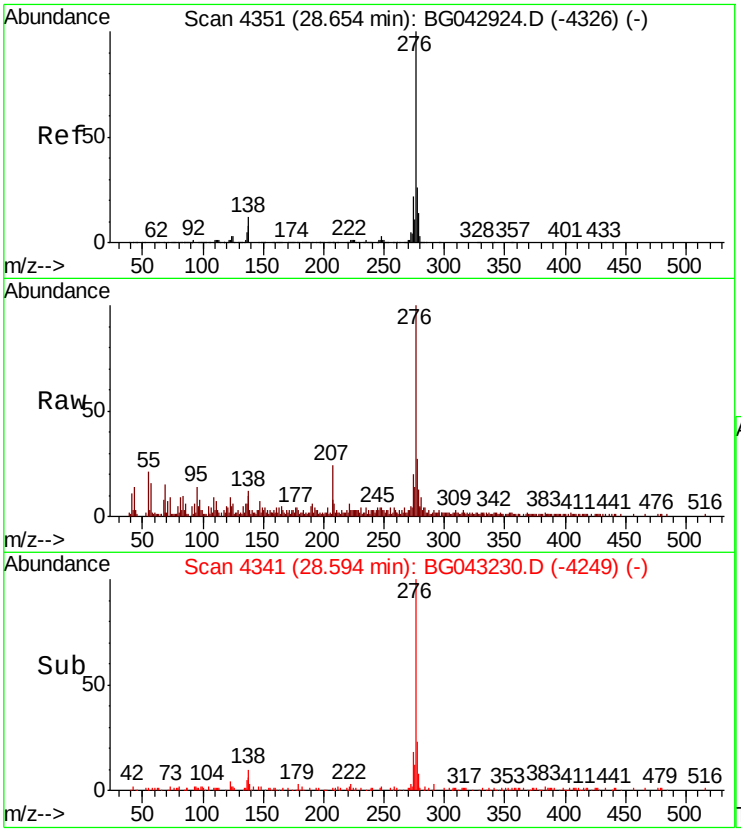


#83
Chrysene
Concen: 9.071 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

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



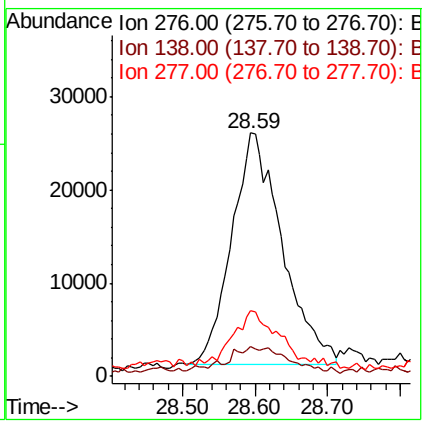


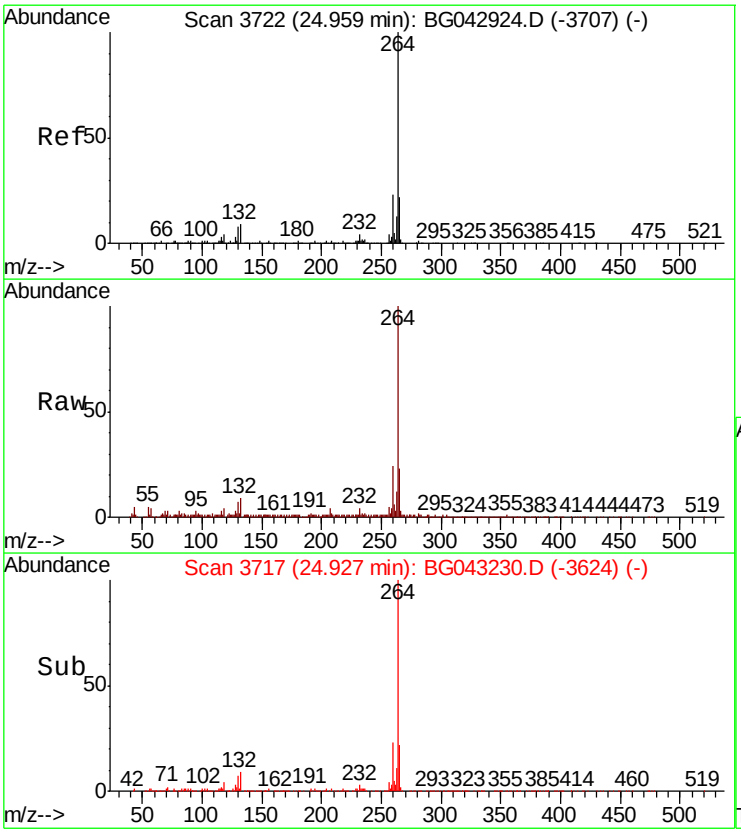
#86
Indeno(1,2,3-cd)pyrene
Concen: 4.314 ng
RT: 28.59 min Scan# 4341
Delta R.T. 0.01 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 120402

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

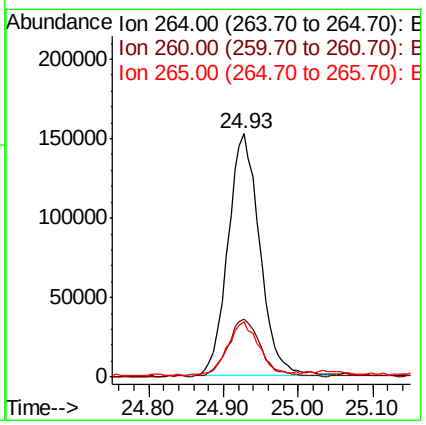


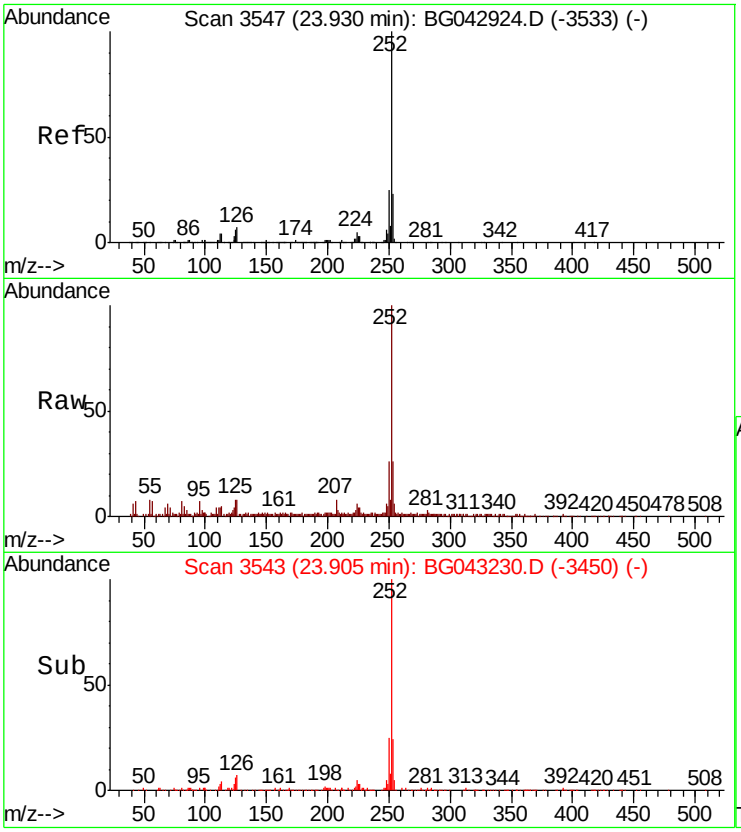


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.02 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion:264 Resp: 452970

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



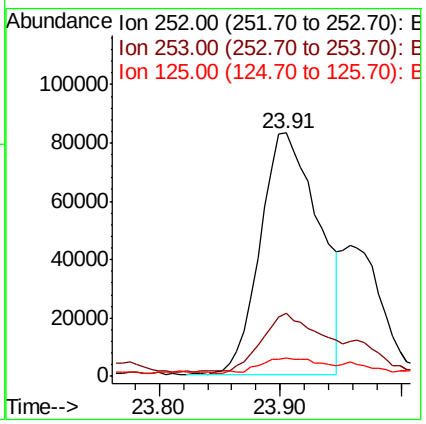


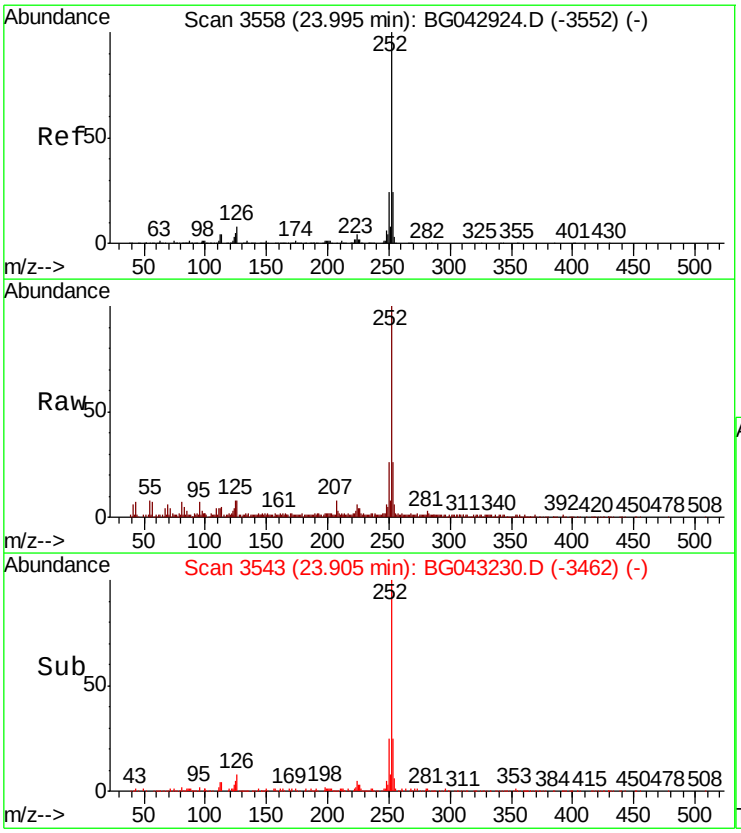
#88
Benzo(b)fluoranthene
Concen: 10.887 ng
RT: 23.91 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 279027

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

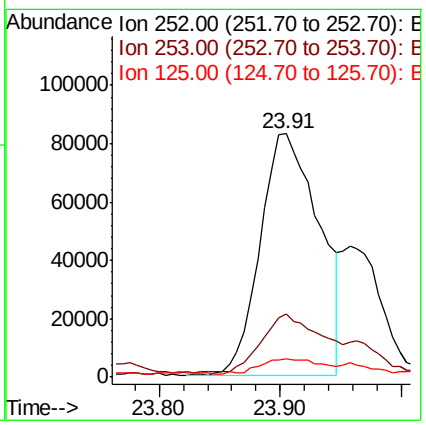


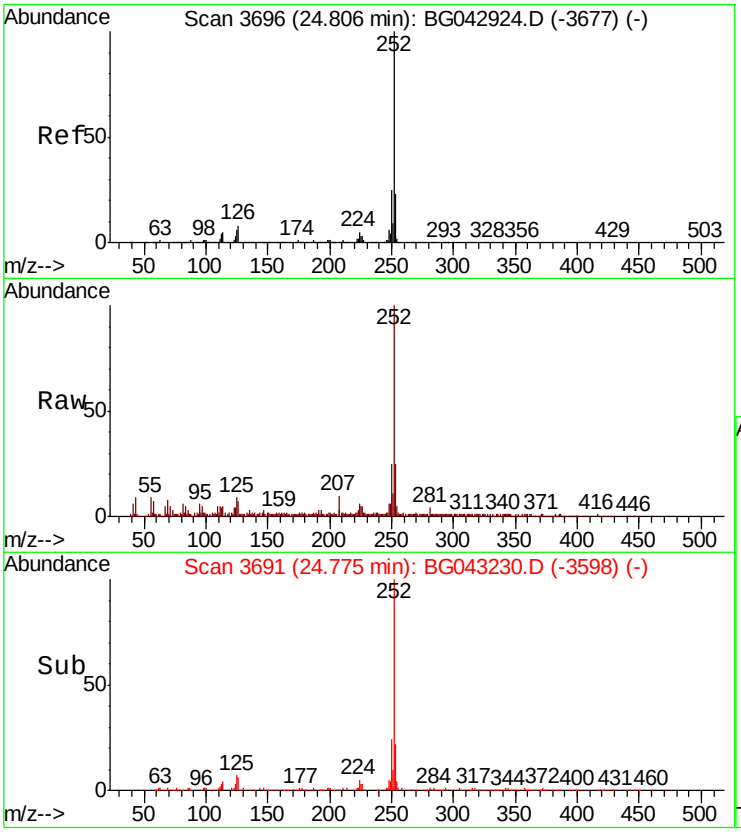


#89
Benzo(k)fluoranthene
Concen: 11.005 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.05 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Tgt Ion:252 Resp: 279027

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.9	28.3
125	7.7	4.5	6.7#



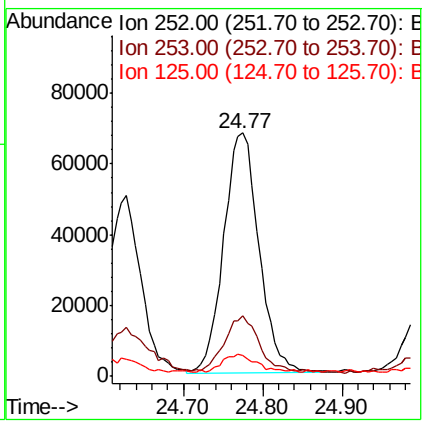


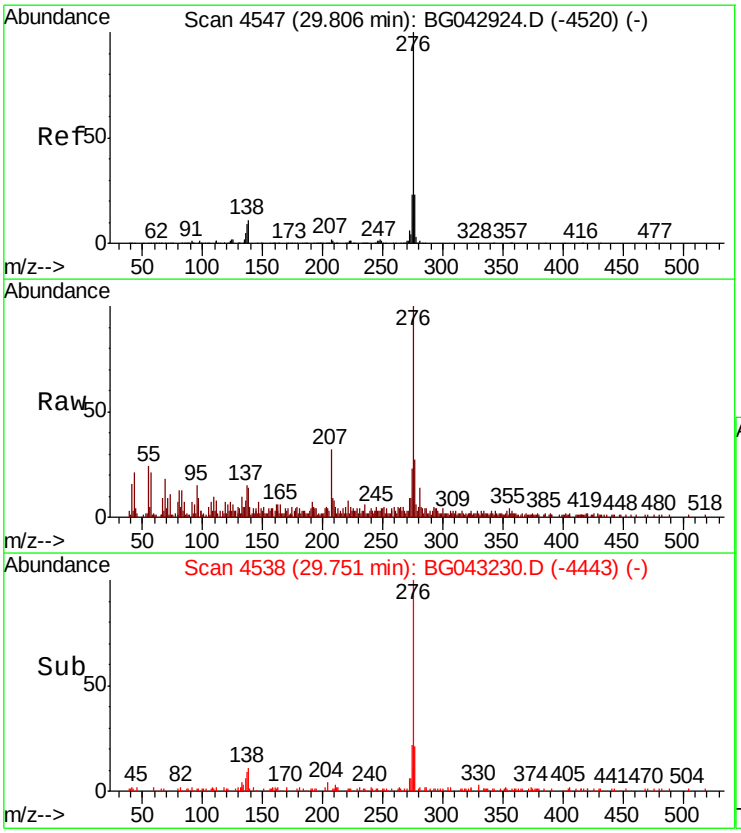
#90
Benzo(a)pyrene
Concen: 8.592 ng
RT: 24.77 min Scan# 3691
Delta R.T. 0.02 min
Lab File: BG043230.D
Acq: 15 Oct 2019 22:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 207771

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





#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:276 Resp: 117418

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