Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 29 06:02:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33148	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	120451	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	91728	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	231289	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	276758	20.00	ng		-0.01
87) Perylene-d12	24.93	264	335557	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	202833	123.93	ng		0.00
7) Phenol-d6	7.17	99	269647	121.97	ng		0.00
23) Nitrobenzene-d5	9.16	82	151717	87.04	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	189387	145.26	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	466910	86.09	ng		0.00
79) Terphenyl-d14	20.02	244	964809	75.37	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.19	94	17269	7.683	ng		89
19) n-Nitroso-di-n-propylamine	9.17	70	19722	13.770	ng	#	76
50) Dimethylphthalate	14.10	163	60818	9.189	ng		98
57) 2,4-Dinitrotoluene	14.66	165	12285	5.592	ng	#	38
67) 4-Bromophenyl-phenylether	16.15	248	12717	4.335	ng	#	1
71) Phenanthrene	17.45	178	172295	14.997	ng		99
72) Anthracene	17.55	178	38712	3.375	ng		98
75) Fluoranthene	19.46	202	386880	27.593	ng		96
78) Pyrene	19.83	202	320687	18.900	ng		97
81) Benzo(a)anthracene	21.67	228	185790	11.035	ng		99
83) Chrysene	21.73	228	164440	10.128	ng		99
88) Benzo(b)fluoranthene	23.90	252	229179	12.423	ng		98
89) Benzo(k)fluoranthene	23.90	252	229179	12.924	ng		98
90) Benzo(a)pyrene	24.77	252	160630	9.176	ng		99
92) Benzo(g,h,i)perylene	29.77	276	104369	5.888	ng		97

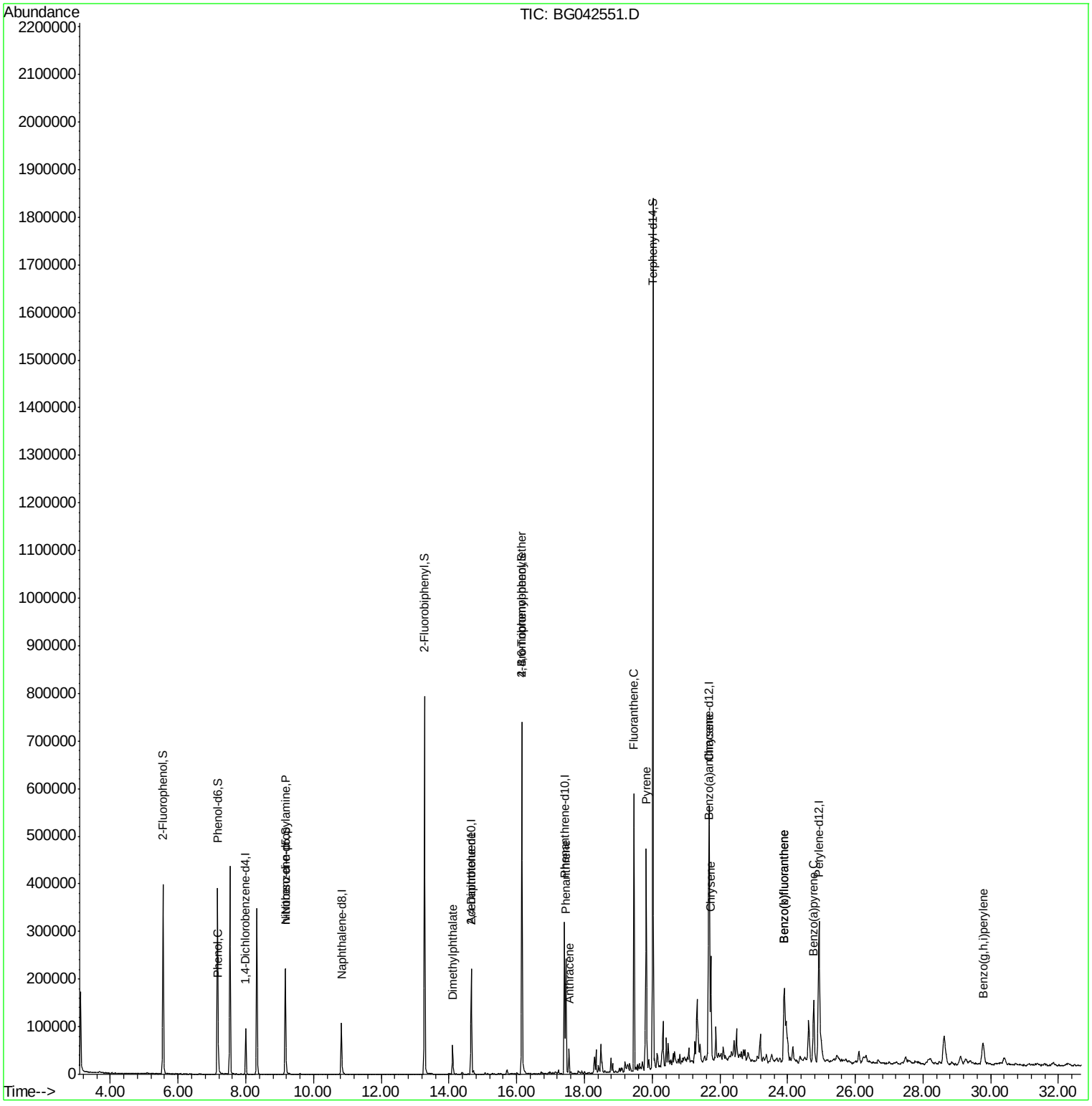
(#) = qualifier out of range (m) = manual integration (+) = signals summed

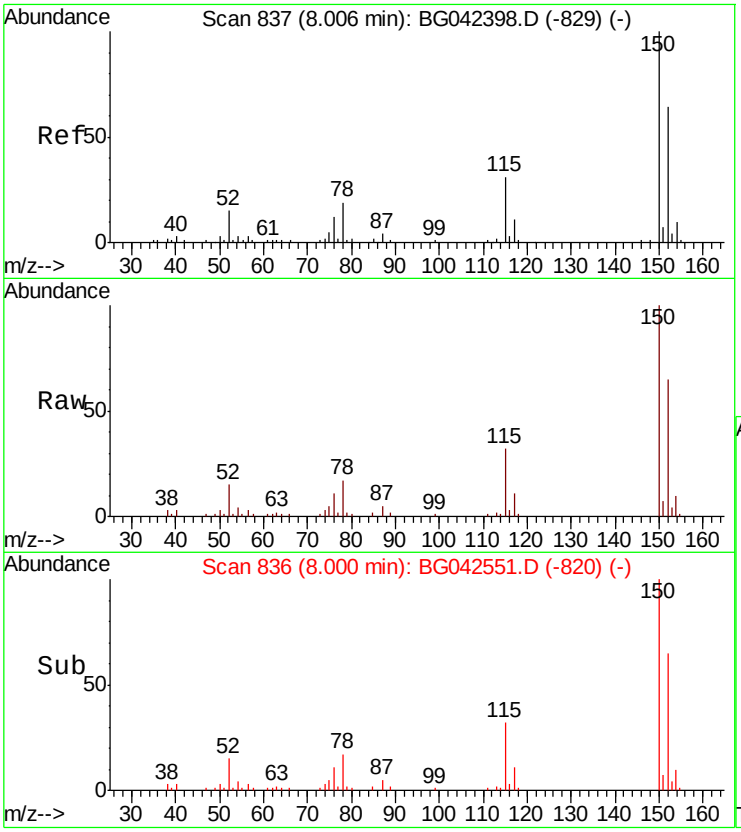
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
Data File : BG042551.D
Acq On : 29 Aug 2019 3:19
Operator : HP/JU
Sample : K4543-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 29 06:02:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



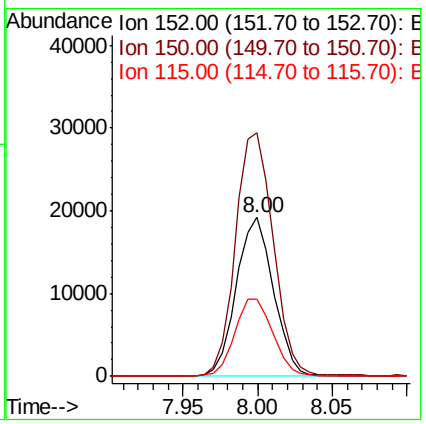


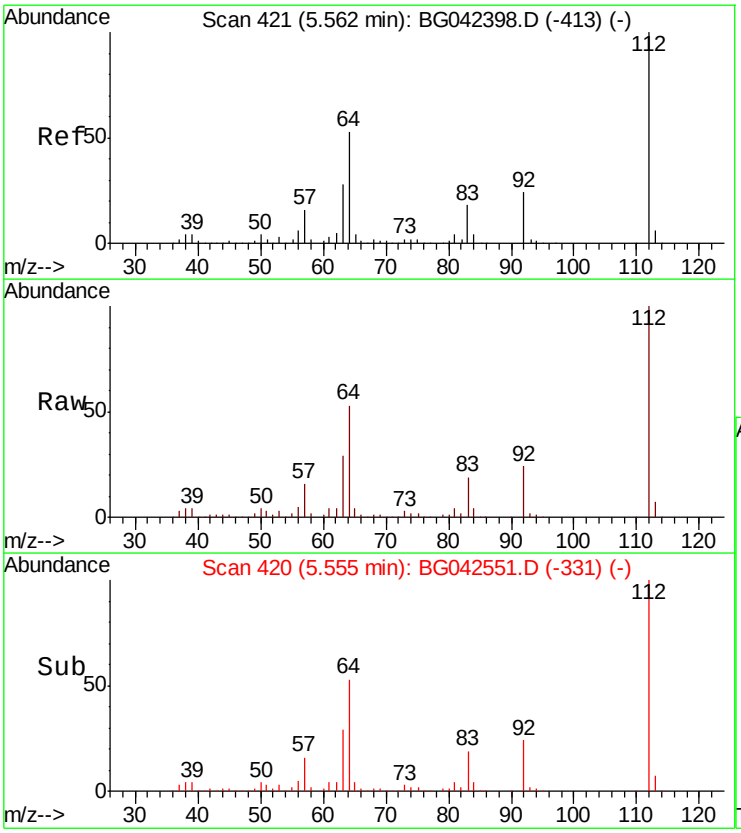
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33148

Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.4	188.0
115	48.4	38.5	57.7

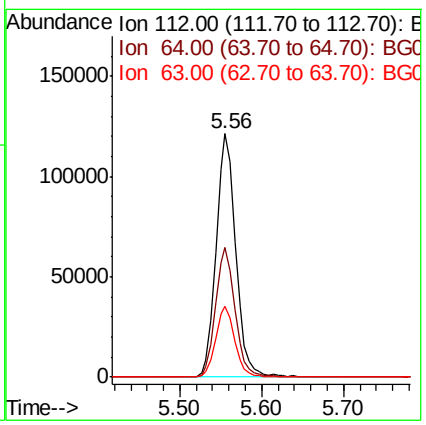


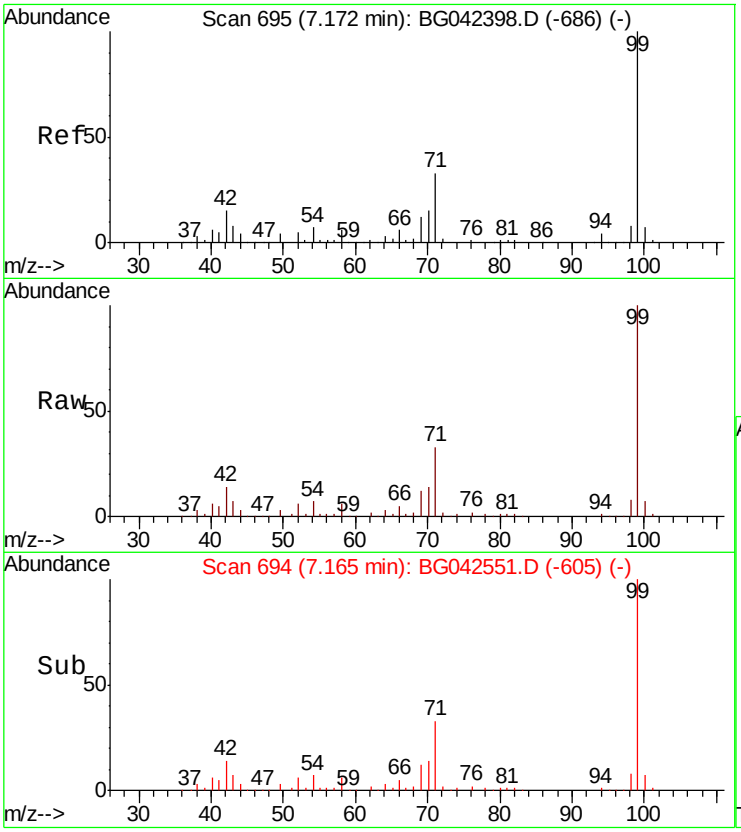


#5
2-Fluorophenol
Concen: 123.928 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:112 Resp: 202833

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.8	64.2
63	29.2	22.7	34.1



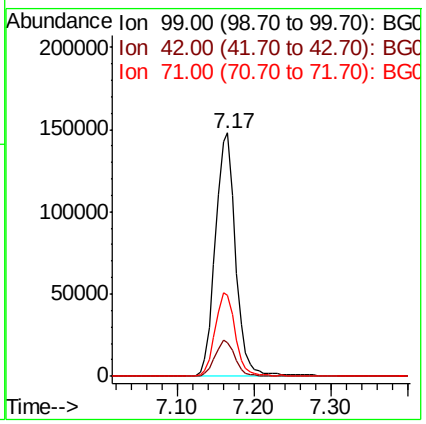


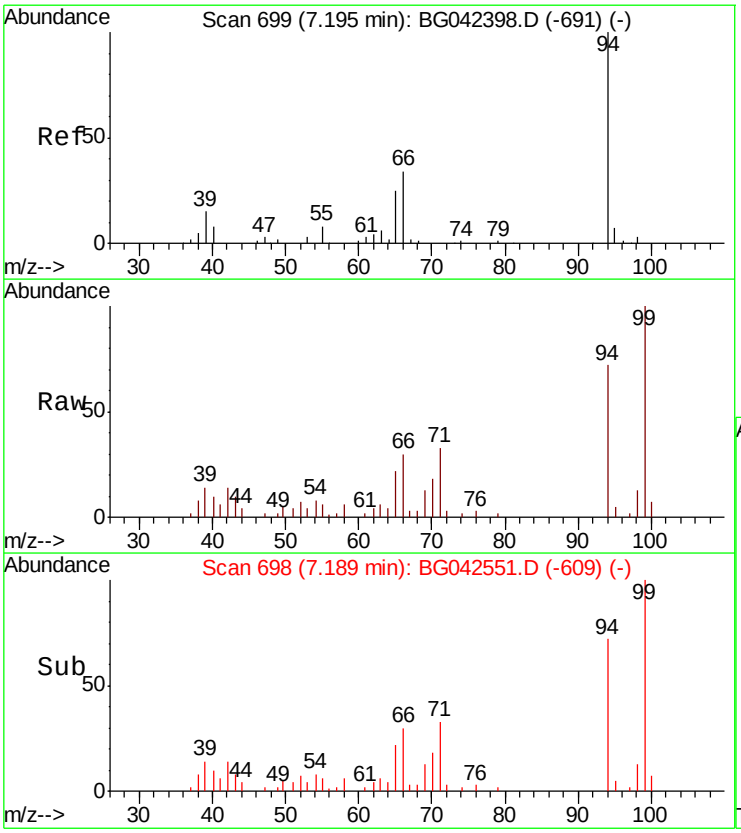
#7
Phenol-d6
Concen: 121.967 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 269647

Ion	Ratio	Lower	Upper
99	100		
42	13.8	12.0	18.0
71	33.5	26.3	39.5

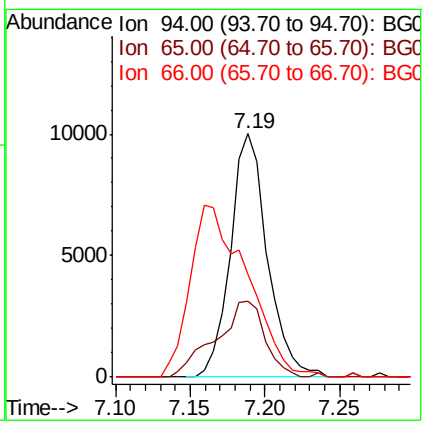


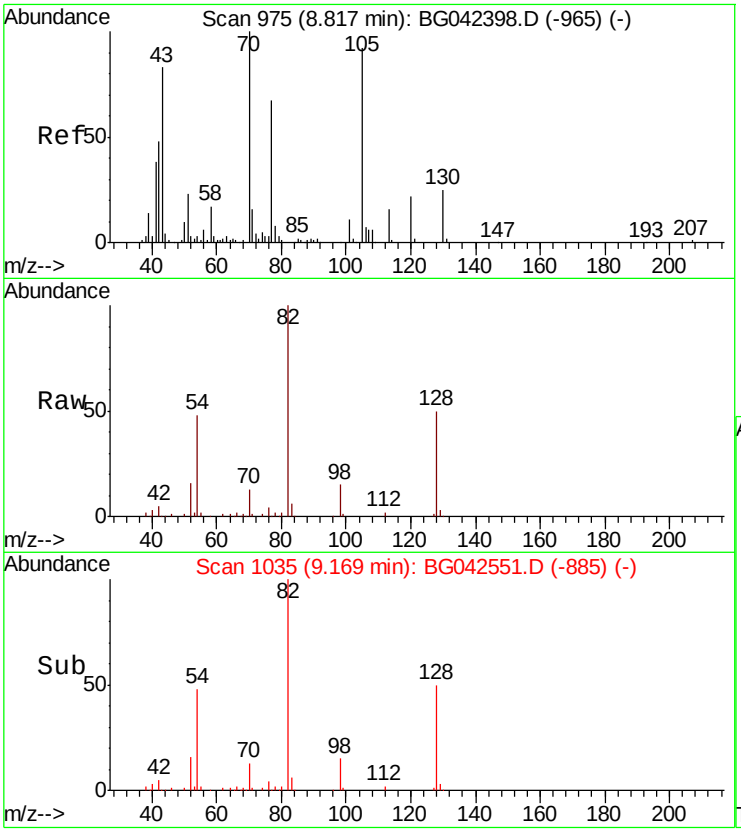


#10
Phenol
Concen: 7.683 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion: 94 Resp: 17269

Ion	Ratio	Lower	Upper
94	100		
65	31.0	5.6	45.6
66	42.3	16.0	56.0



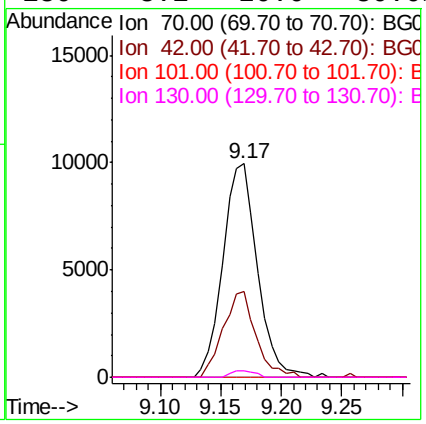


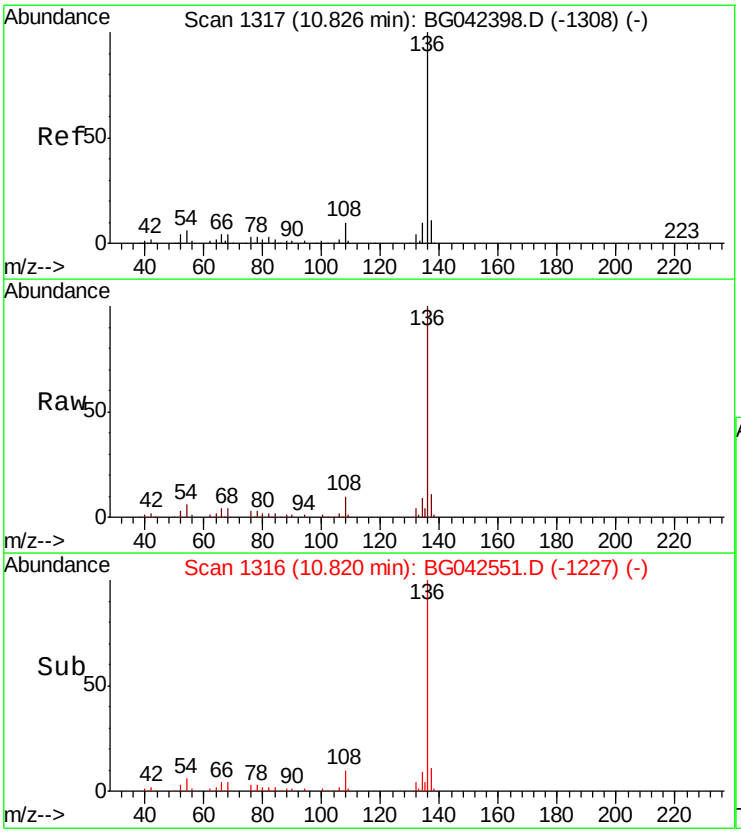
#19
n-Nitroso-di-n-propylamine
Concen: 13.770 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.35 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 19722

Ion	Ratio	Lower	Upper
70	100		
42	40.3	38.8	58.2
101	0.0	9.0	13.6#
130	3.1	20.0	30.0#

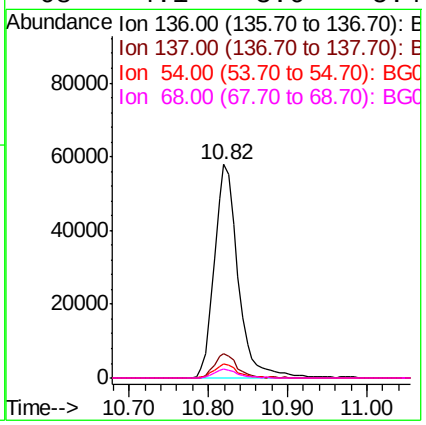


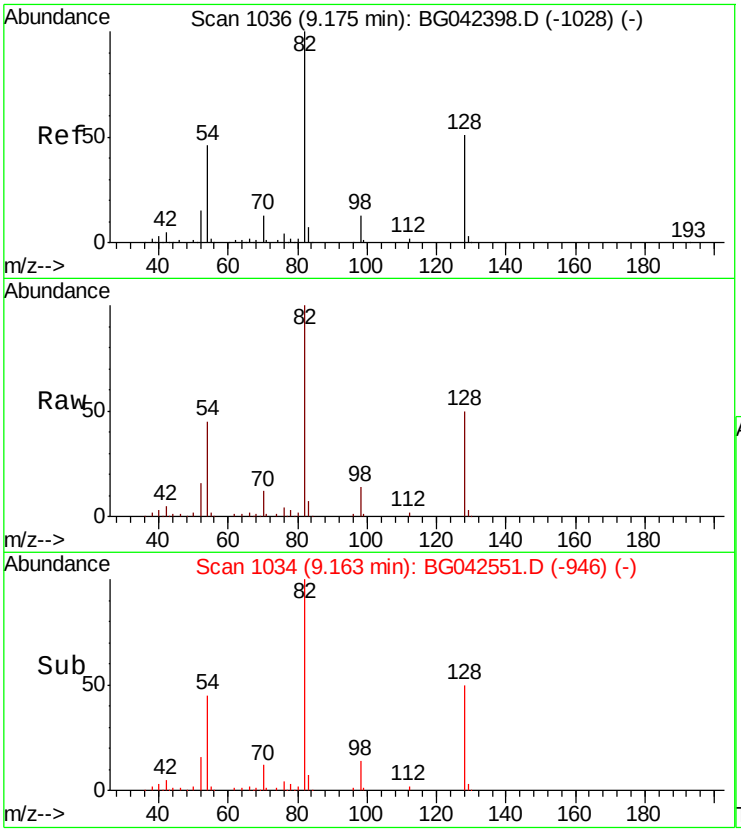


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:136 Resp: 120451

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	4.9	7.3
68	4.1	3.6	5.4



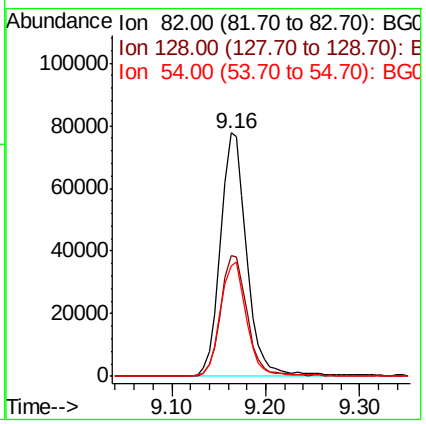


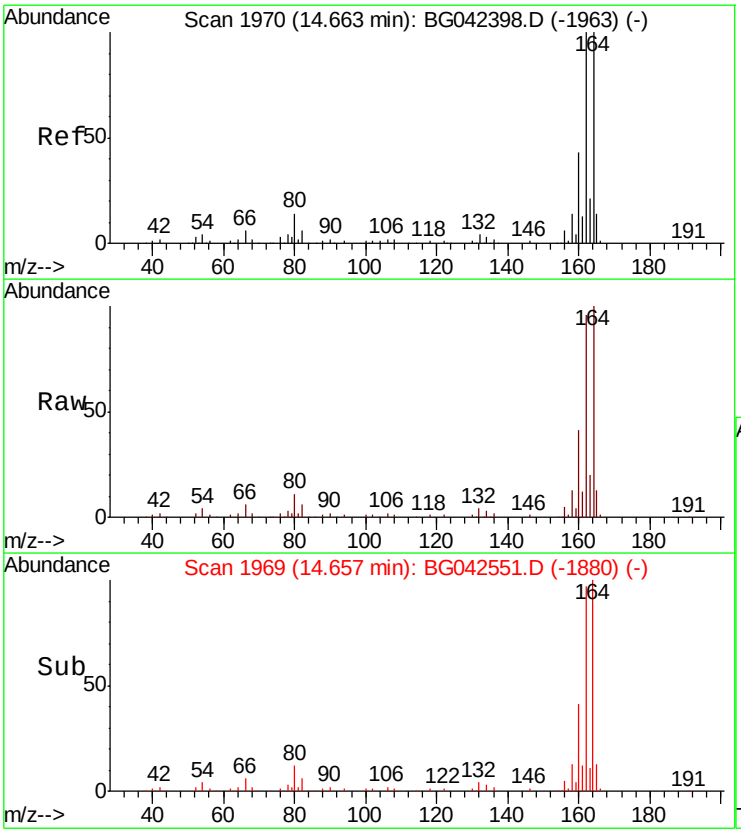
#23
Nitrobenzene-d5
Concen: 87.042 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 151717

Ion	Ratio	Lower	Upper
82	100		
128	49.5	40.7	61.1
54	45.3	36.3	54.5

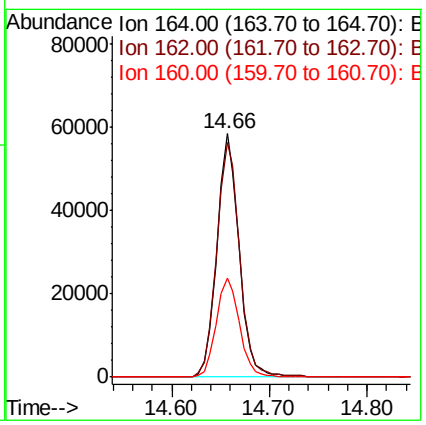


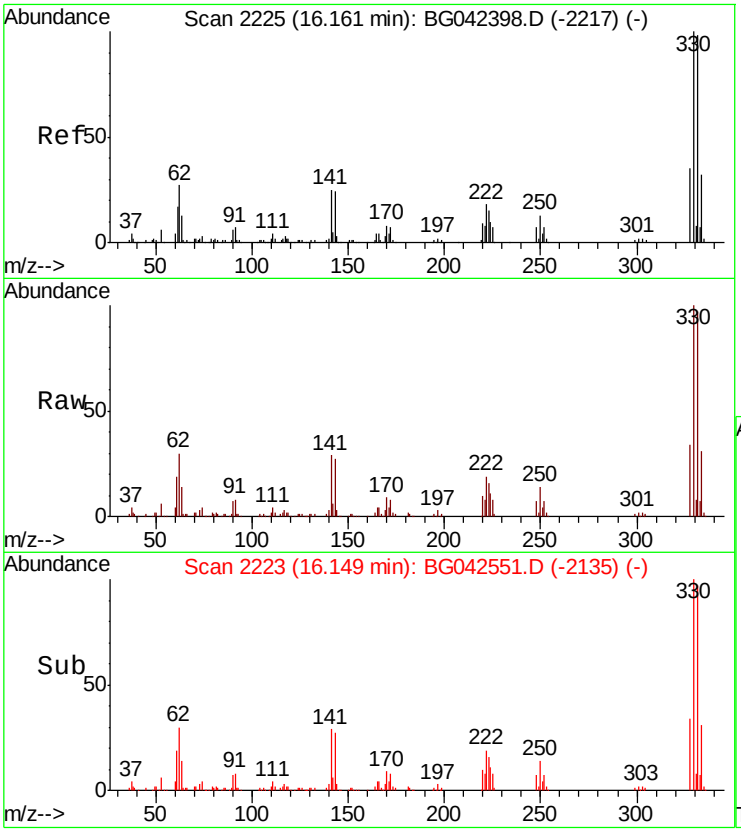


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:164 Resp: 91728

Ion	Ratio	Lower	Upper
164	100		
162	96.3	79.9	119.9
160	40.5	34.3	51.5



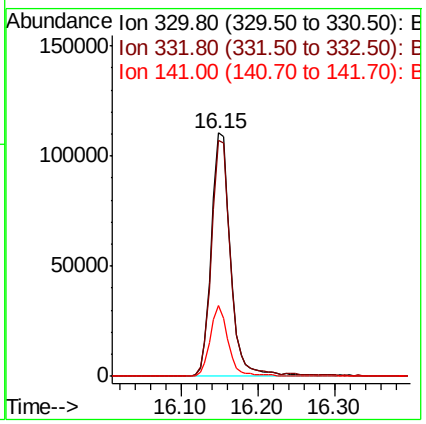


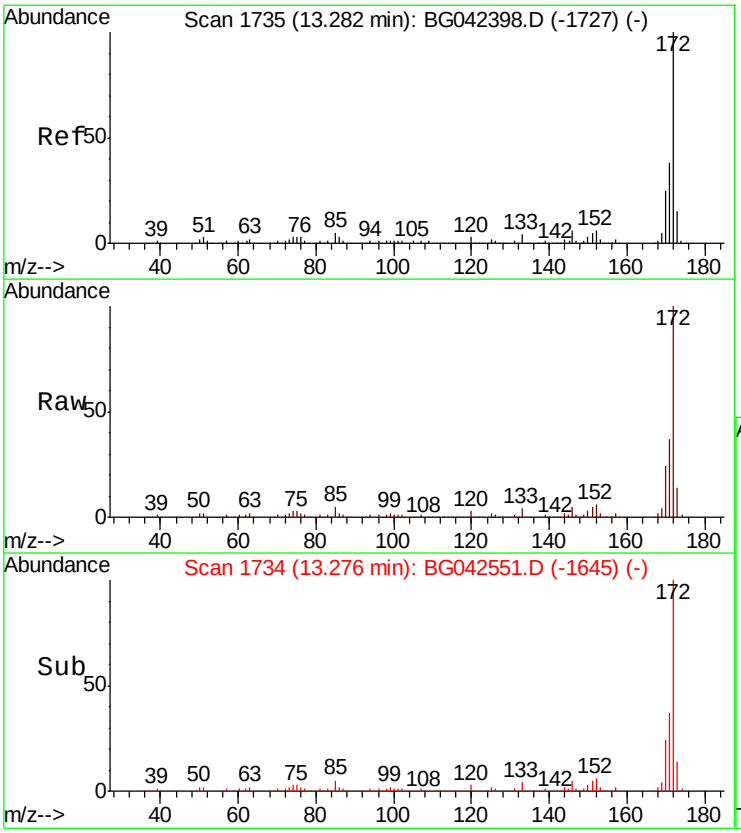
#42
2,4,6-Tribromophenol
Concen: 145.262 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 189387

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.0
141	27.2	21.4	32.0

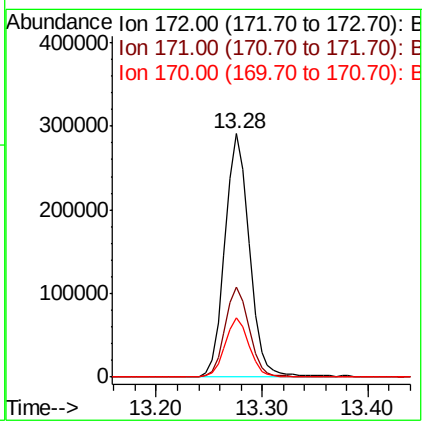


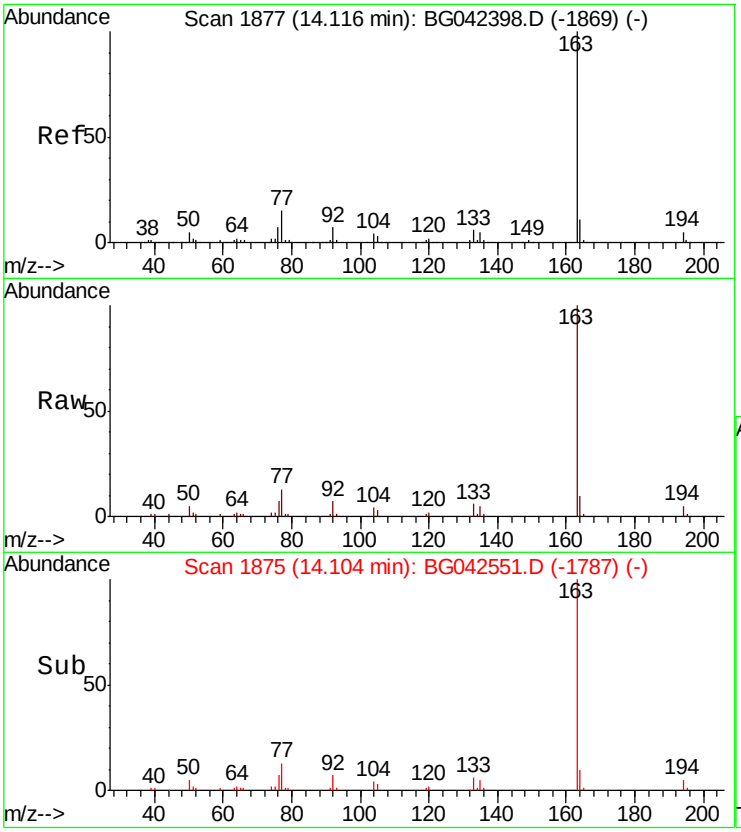


#45
2-Fluorobiphenyl
Concen: 86.089 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:172 Resp: 466910

Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.5	45.7
170	24.4	20.2	30.2



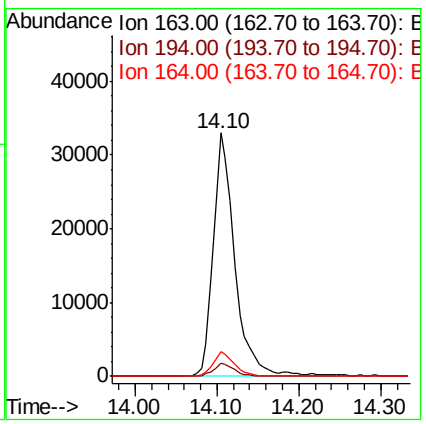


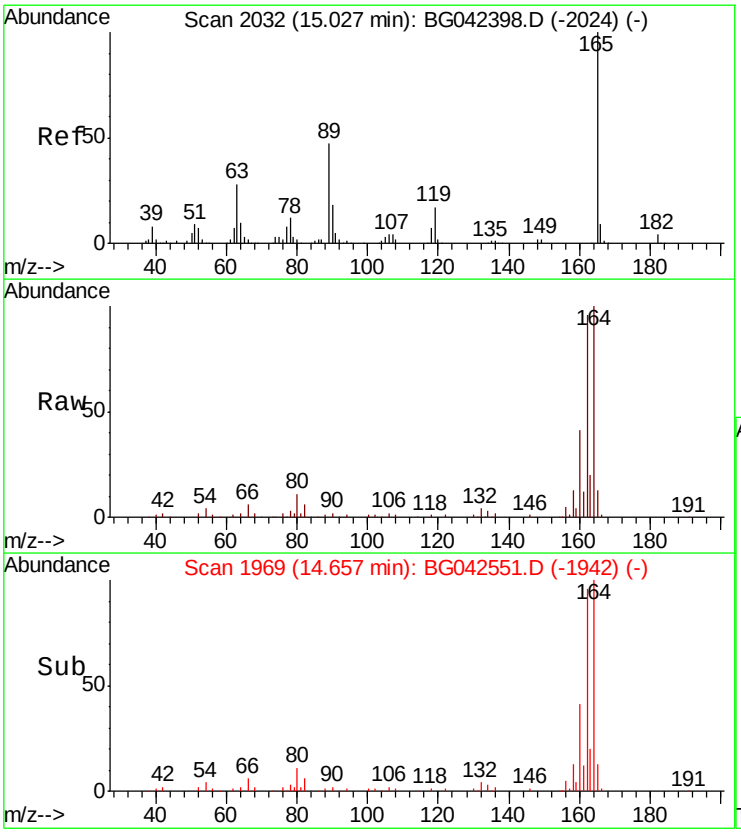
#50
Dimethylphthalate
Concen: 9.189 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 60818

Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.2	6.2
164	10.1	8.8	13.2

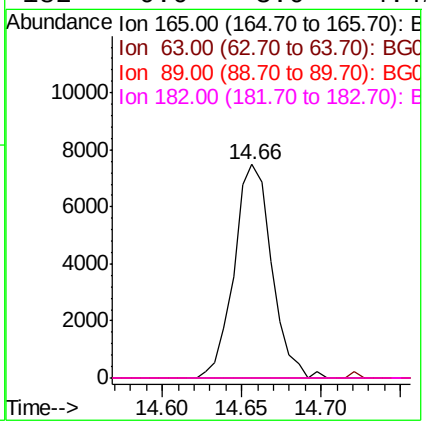


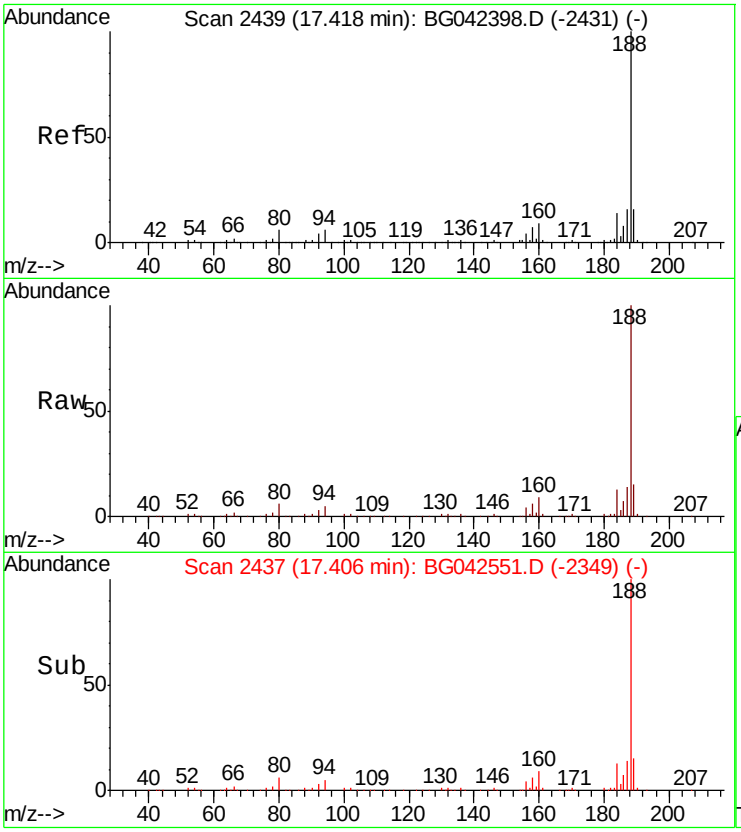


#57
2,4-Dinitrotoluene
Concen: 5.592 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:165 Resp: 12285

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	0.0	37.8	56.6#
182	0.0	3.0	4.4#



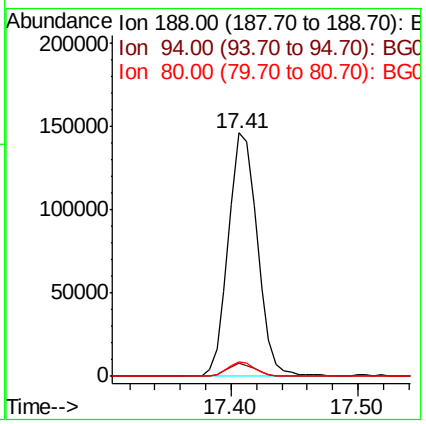


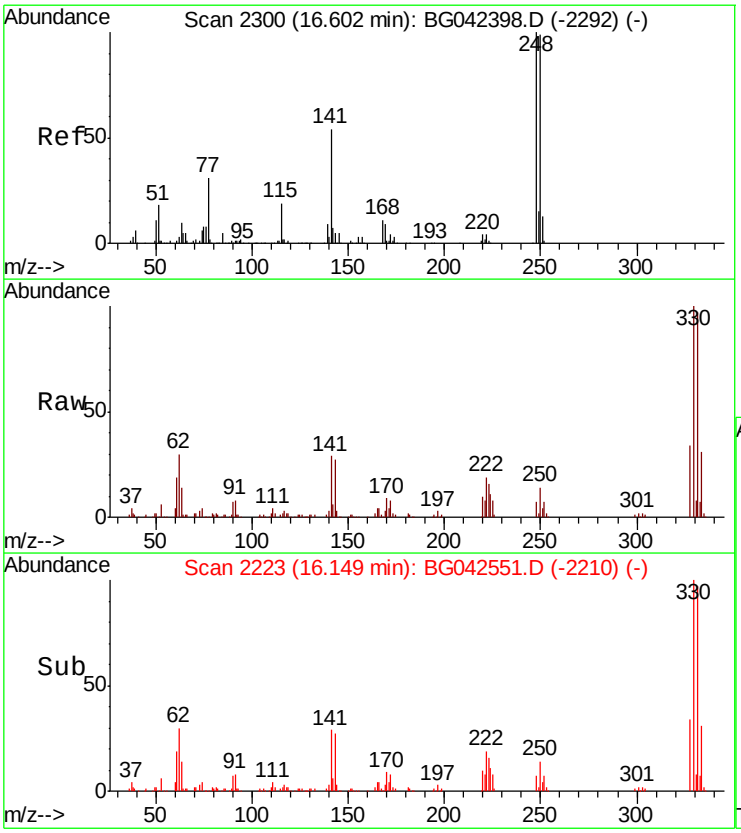
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 231289

Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.5	6.7
80	6.0	4.9	7.3

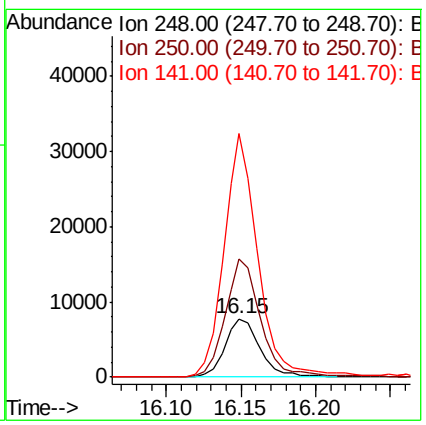


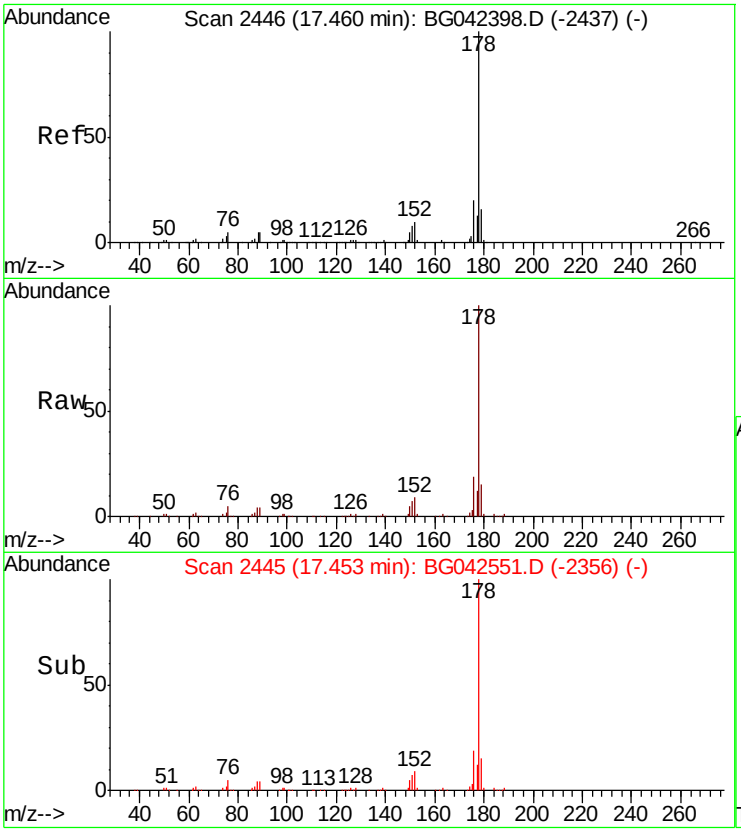


#67
4-Bromophenyl-phenylether
Concen: 4.335 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.45 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:248 Resp: 12717

Ion	Ratio	Lower	Upper
248	100		
250	202.1	78.9	118.3#
141	415.3	43.3	64.9#



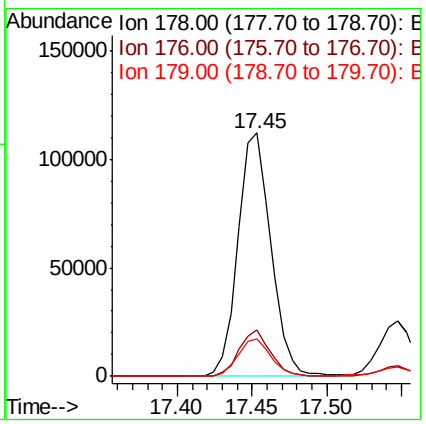


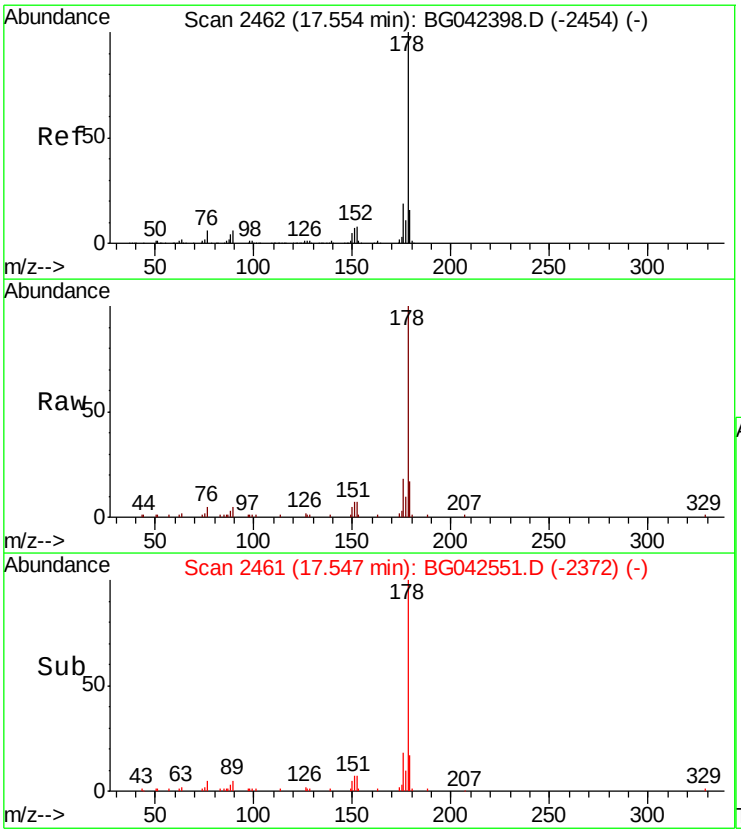
#71
Phenanthrene
Concen: 14.997 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 172295

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.4	12.7	19.1

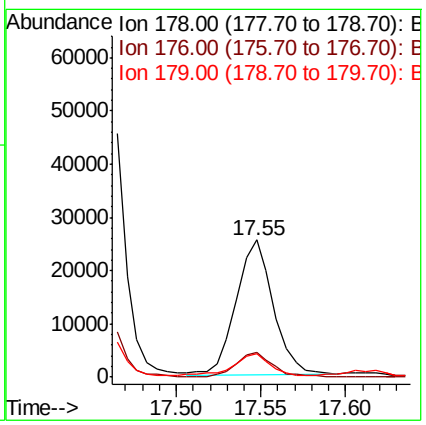


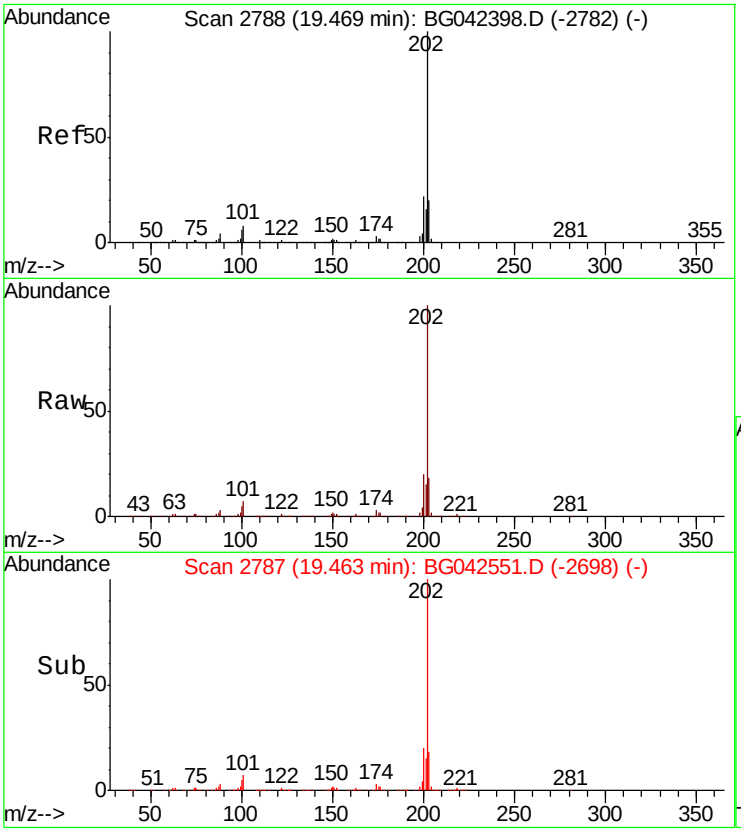


#72
Anthracene
Concen: 3.375 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:178 Resp: 38712

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	17.1	12.9	19.3



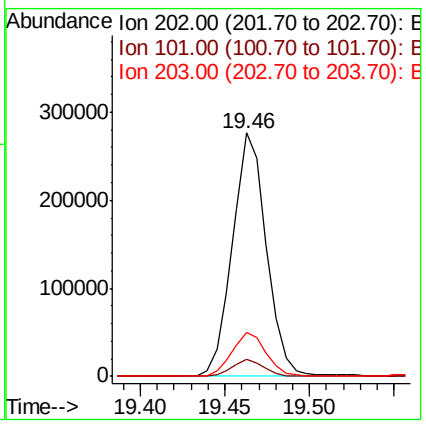


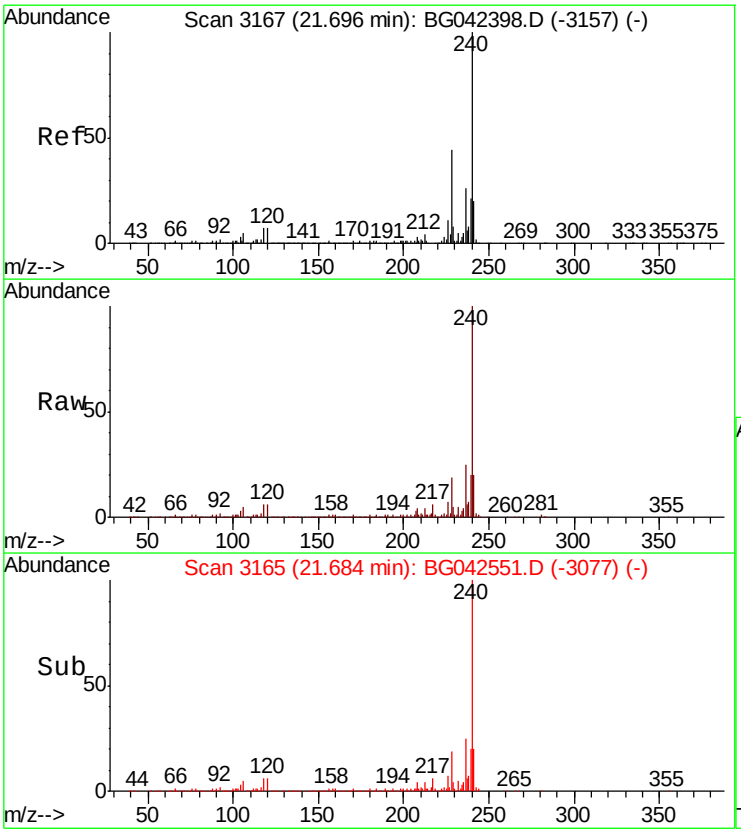
#75
Fluoranthene
Concen: 27.593 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 386880

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.3
203	17.9	0.0	39.6

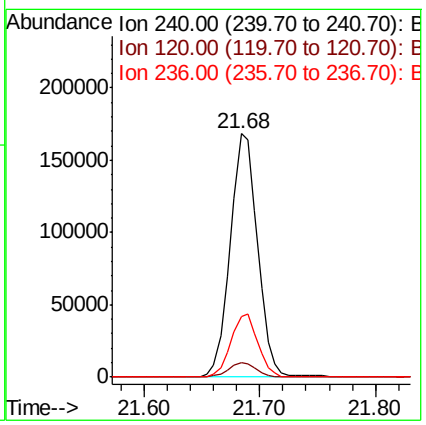


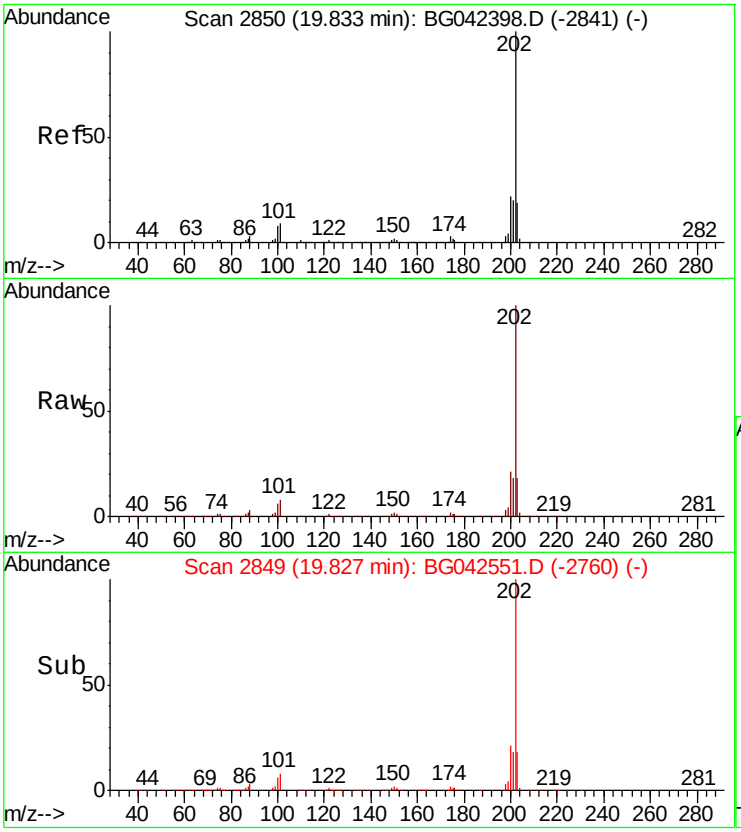


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:240 Resp: 276758

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.7	8.5
236	25.1	21.0	31.4



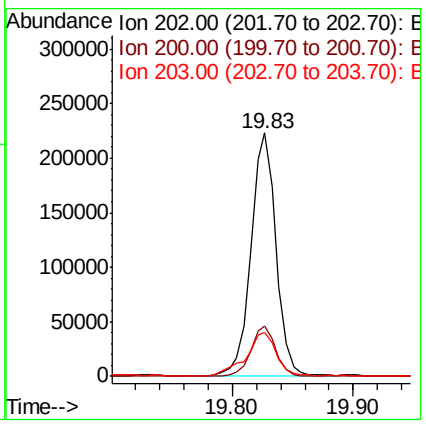


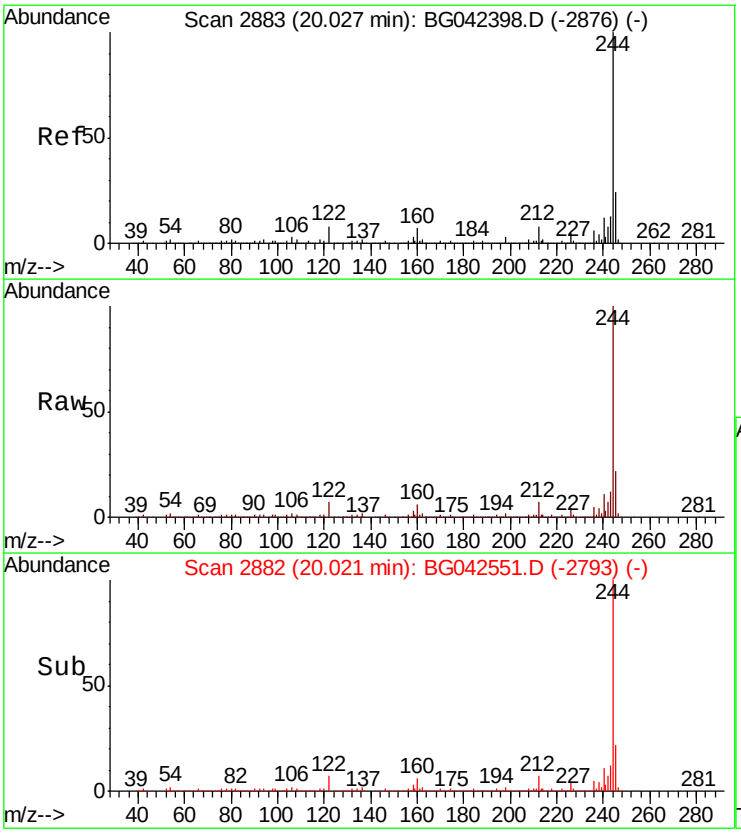
#78
Pyrene
Concen: 18.900 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 320687

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.1	15.5	23.3

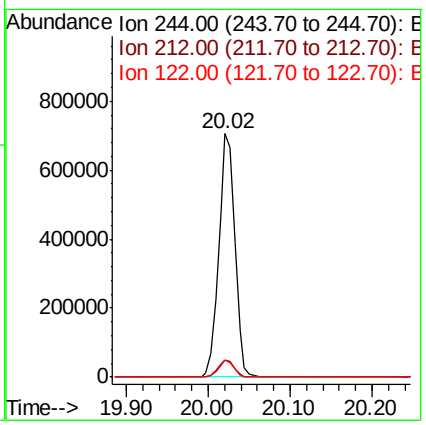


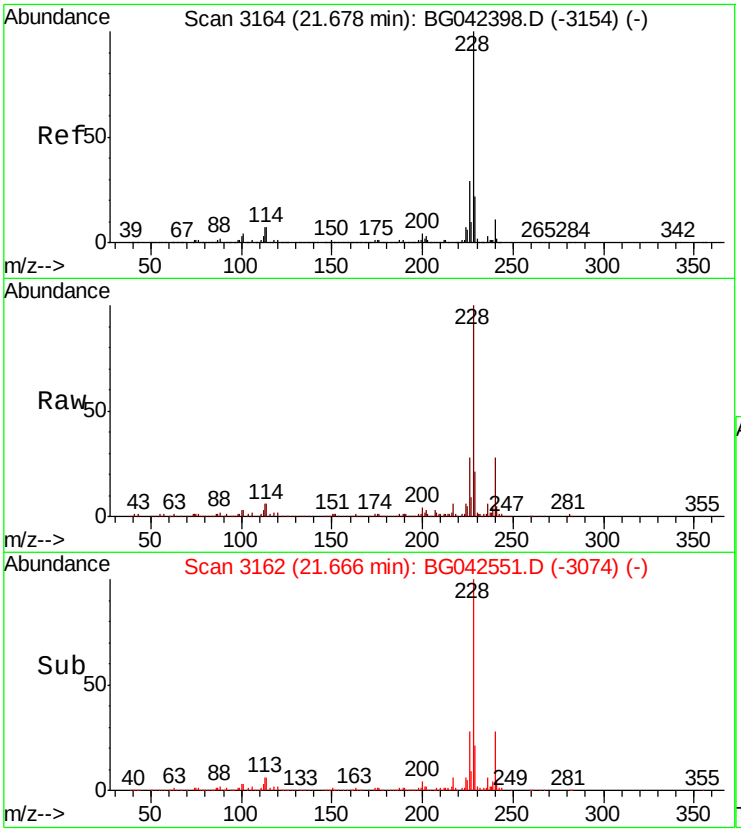


#79
Terphenyl-d14
Concen: 75.367 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:244 Resp: 964809

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	7.1	6.7	10.1



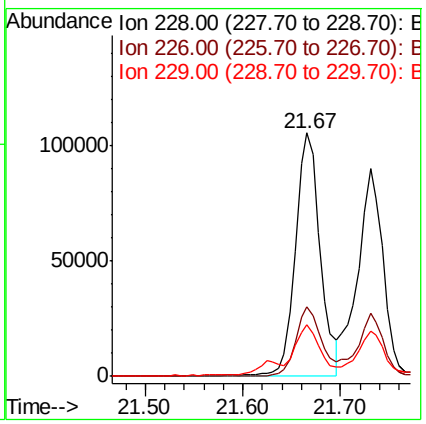


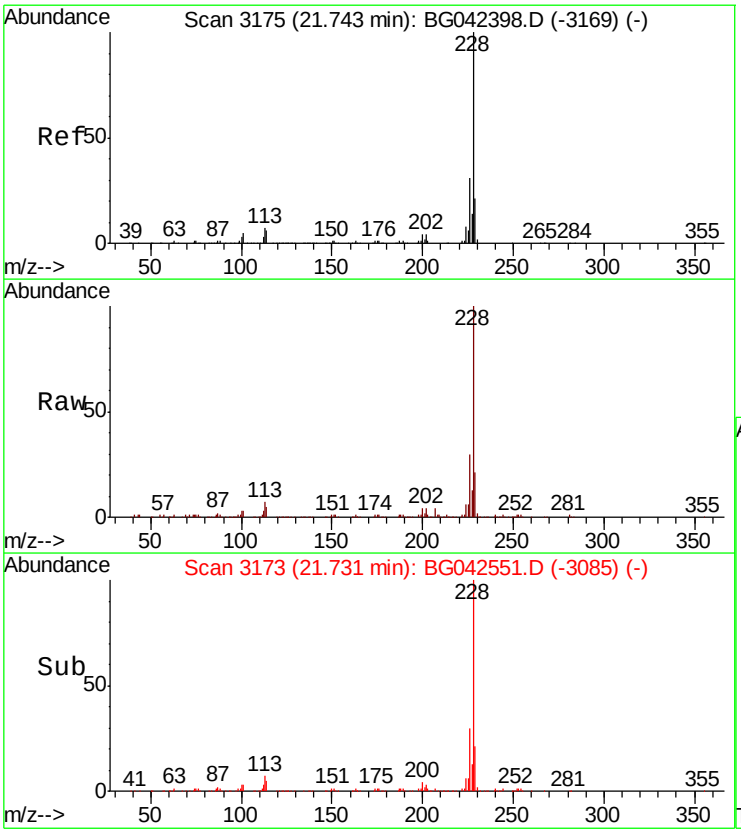
#81
Benzo(a)anthracene
Concen: 11.035 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 185790

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	21.2	17.4	26.2

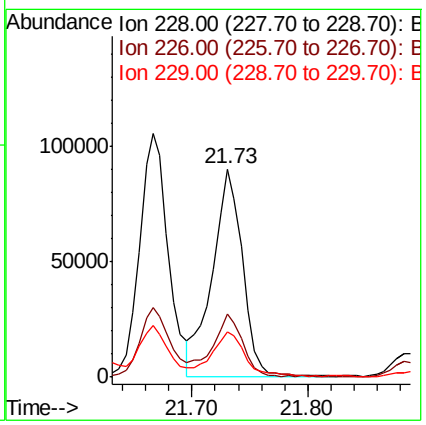


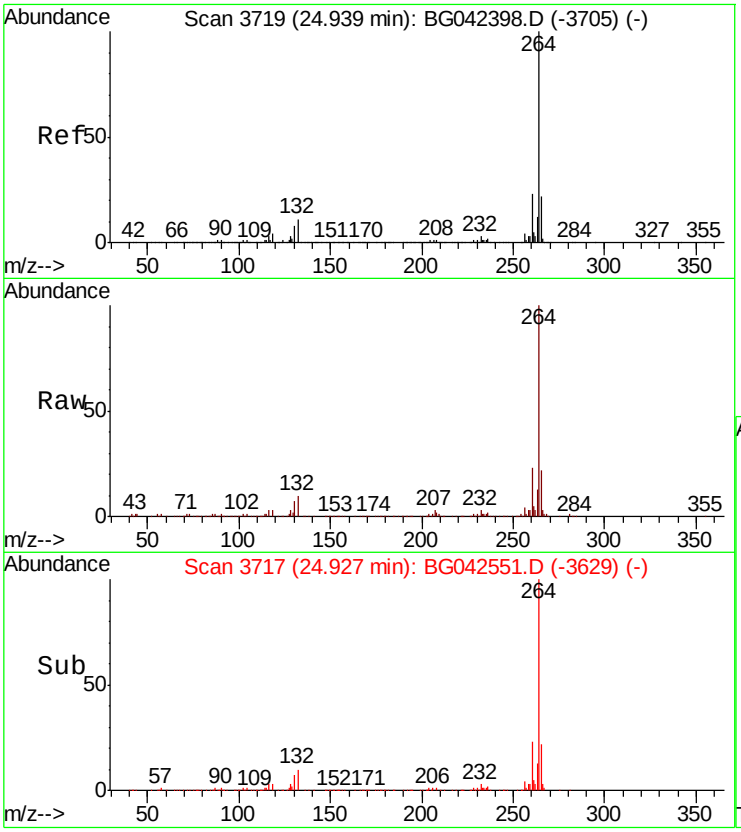


#83
Chrysene
Concen: 10.128 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:228 Resp: 164440

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.5	16.9	25.3



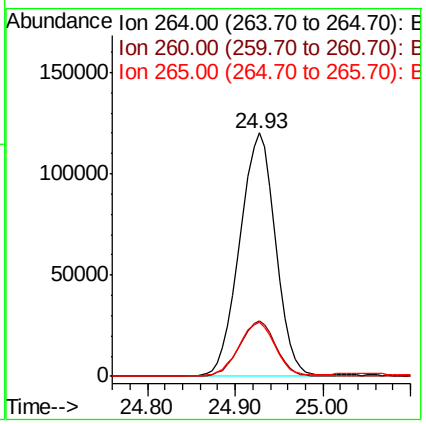


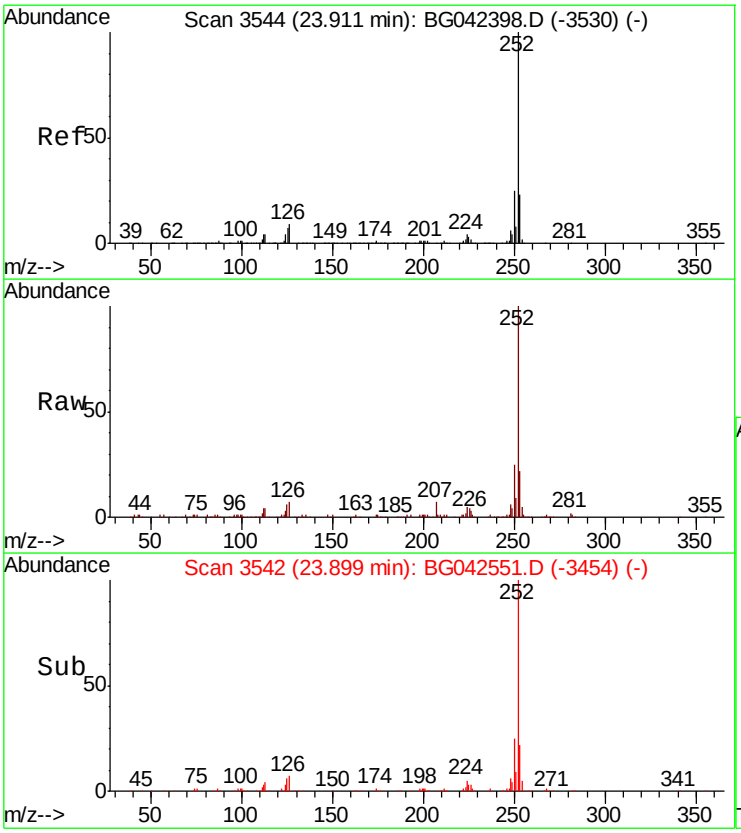
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 335557

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.1	17.6	26.4

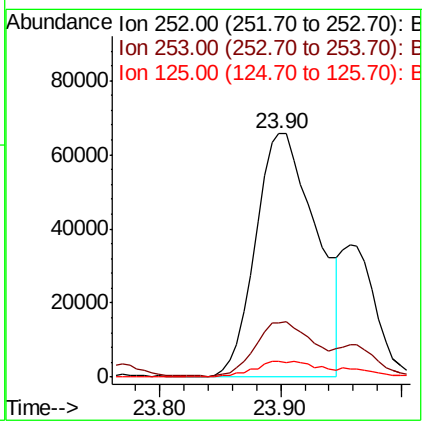


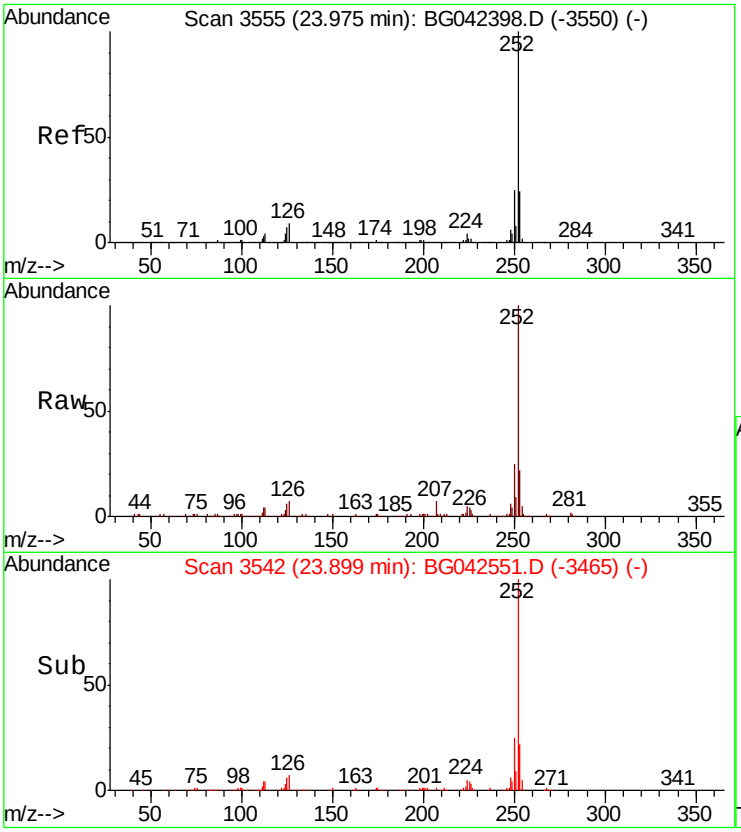


#88
Benzo(b)fluoranthene
Concen: 12.423 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:252 Resp: 229179

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	6.5	5.6	8.4



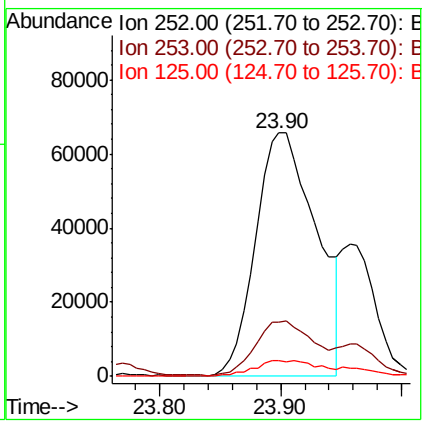


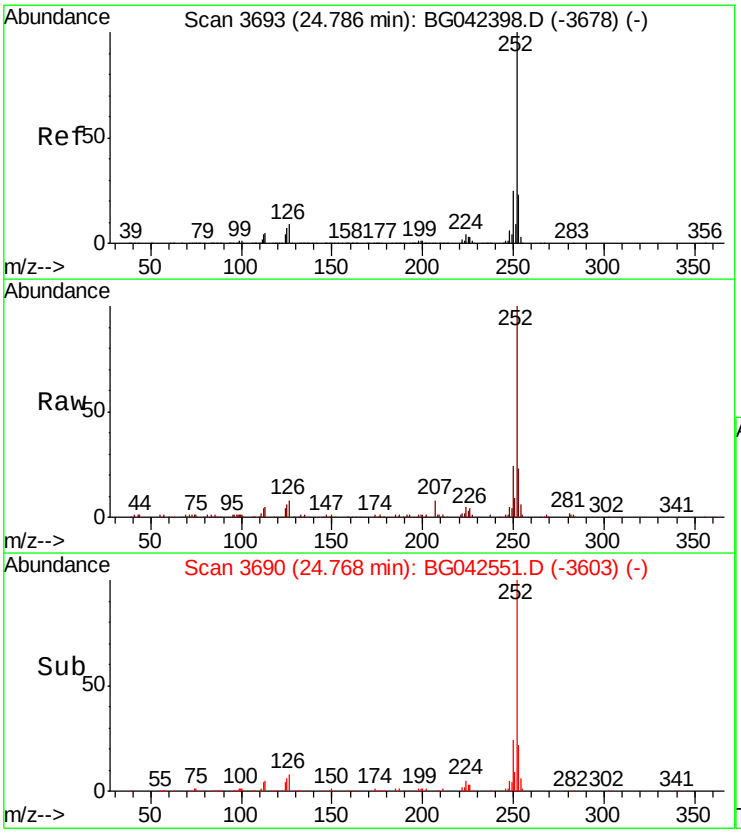
#89
Benzo(k)fluoranthene
Concen: 12.924 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.08 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 229179

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	27.8
125	6.5	5.8	8.6

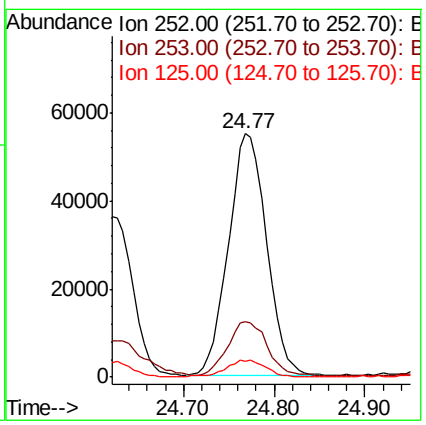


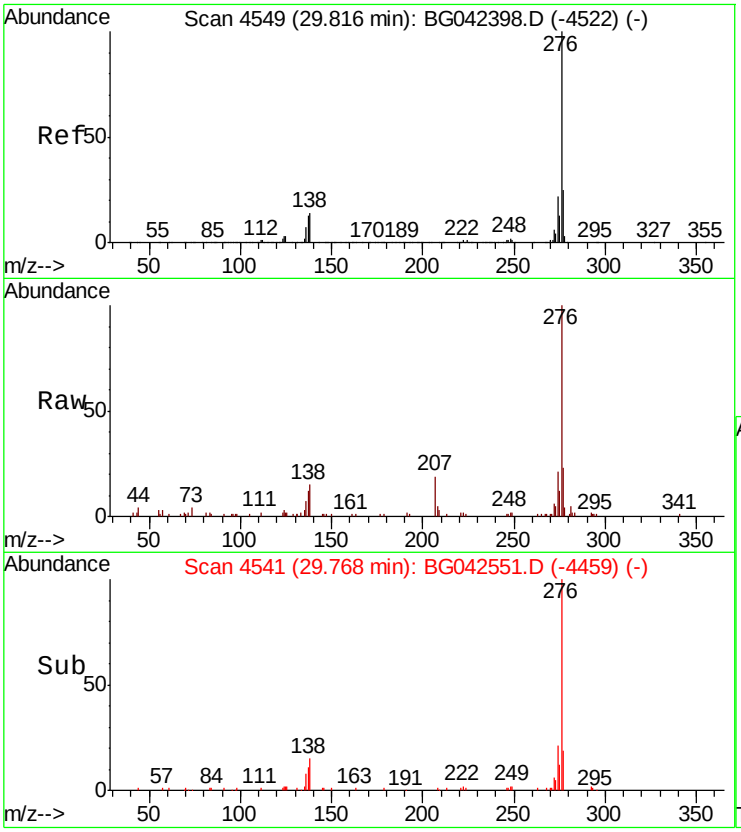


#90
Benzo(a)pyrene
Concen: 9.176 ng
RT: 24.77 min Scan# 3690
Delta R.T. -0.02 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Tgt Ion:252 Resp: 160630

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.4	27.6
125	6.5	6.0	9.0





#92
Benzo(g,h,i)perylene
Concen: 5.888 ng
RT: 29.77 min Scan# 4541
Delta R.T. -0.05 min
Lab File: BG042551.D
Acq: 29 Aug 2019 3:19

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 104369

Ion	Ratio	Lower	Upper
276	100		
277	22.9	19.8	29.8
138	14.7	11.4	17.0