Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
Data File : BG042484.D
Acq On : 25 Aug 2019 18:59
Operator : HP/JU
Sample : K4493-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 26 06:34:28 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	44814	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	177089	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	132791	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	330921	20.00	ng		0.00
76) Chrysene-d12	21.68	240	353108	20.00	ng		-0.01
87) Perylene-d12	24.93	264	409369	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	226917	102.55	ng		0.00
7) Phenol-d6	7.16	99	309676	103.61	ng		-0.01
23) Nitrobenzene-d5	9.16	82	172821	67.44	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	192815	102.16	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	539425	68.70	ng		0.00
79) Terphenyl-d14	20.02	244	1075159	65.83	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.16	70	21417	11.060	ng	#	76
50) Dimethylphthalate	14.11	163	35464	3.701	ng		99
51) 2,6-Dinitrotoluene	14.66	165	17289	7.785	ng	#	37
57) 2,4-Dinitrotoluene	14.66	165	17289	5.436	ng	#	40
67) 4-Bromophenyl-phenylether	16.16	248	13868	3.304	ng	#	1
75) Fluoranthene	19.46	202	75867	3.782	ng		97
78) Pyrene	19.83	202	65411	3.021	ng		96
88) Benzo(b)fluoranthene	23.90	252	54936	2.441	ng		93
89) Benzo(k)fluoranthene	23.90	252	54936	2.539	ng		94

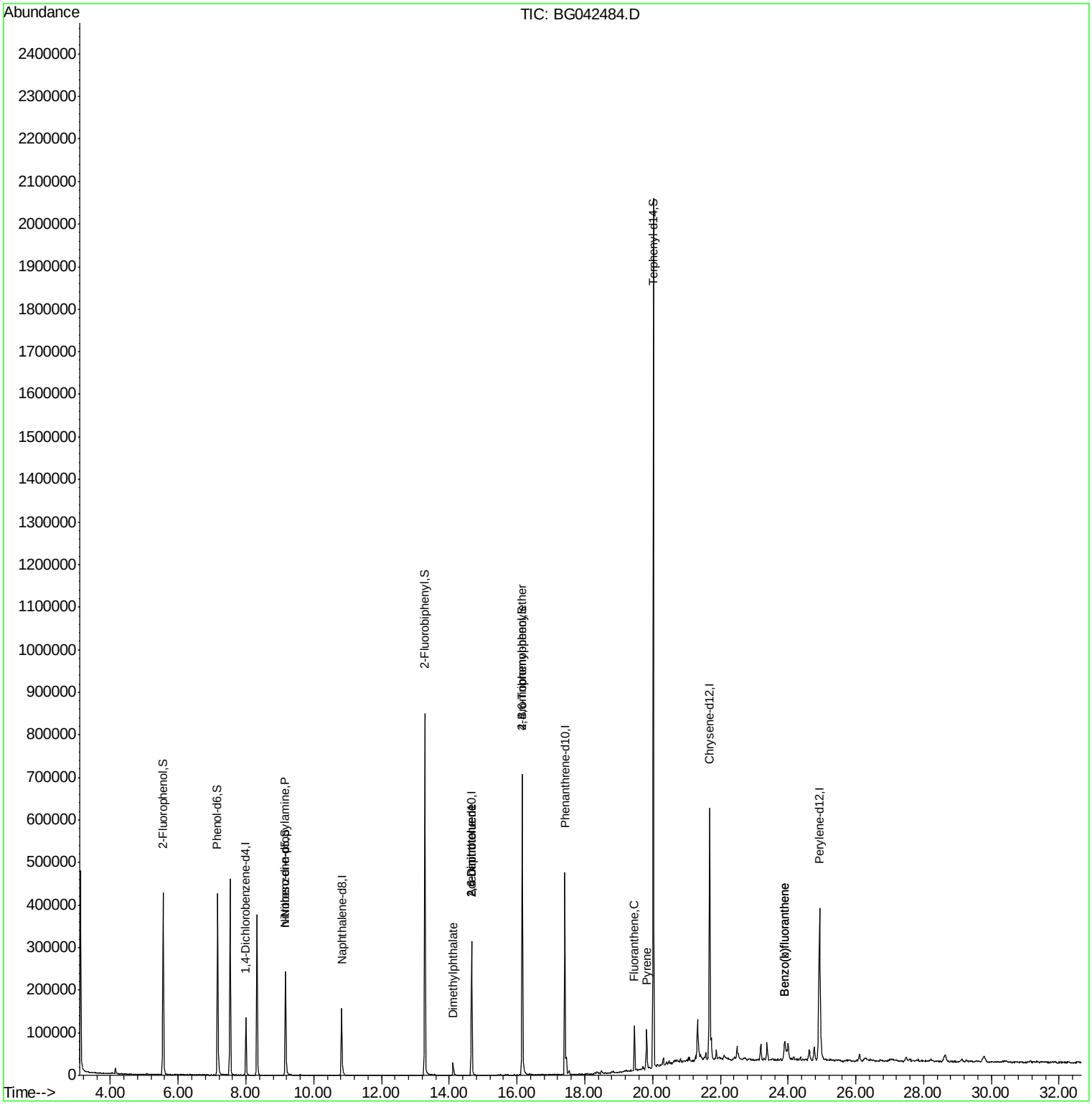
(#) = qualifier out of range (m) = manual integration (+) = signals summed

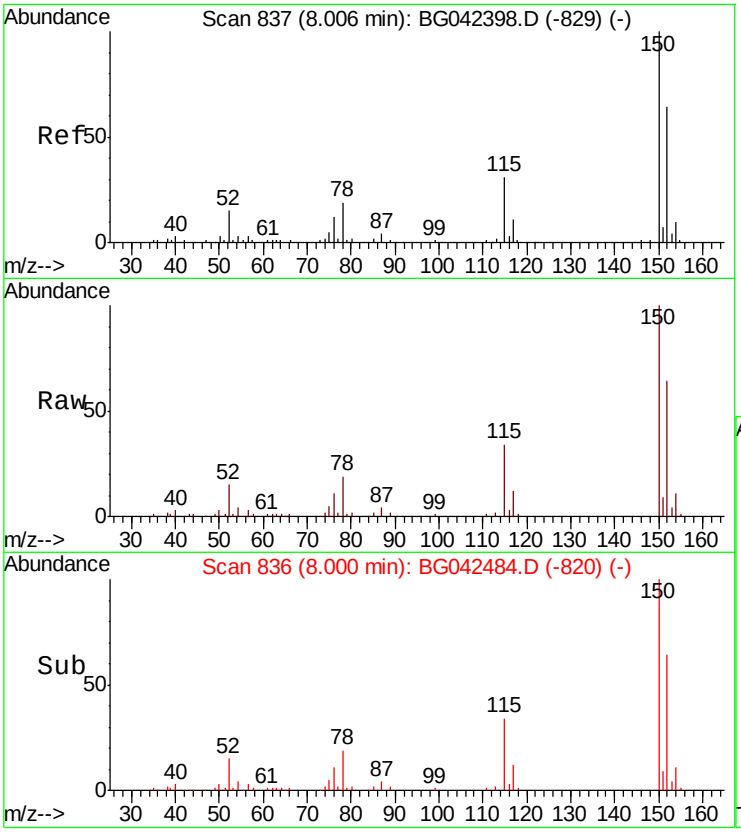
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082519\
Data File : BG042484.D
Acq On : 25 Aug 2019 18:59
Operator : HP/JU
Sample : K4493-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 26 06:34:28 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



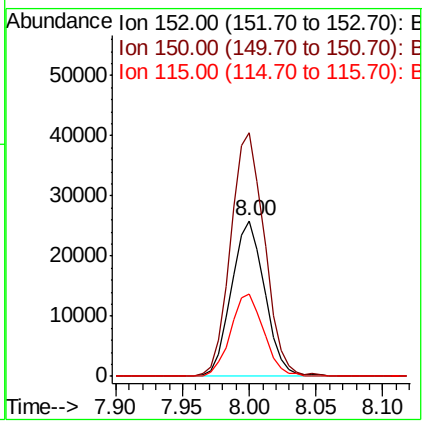


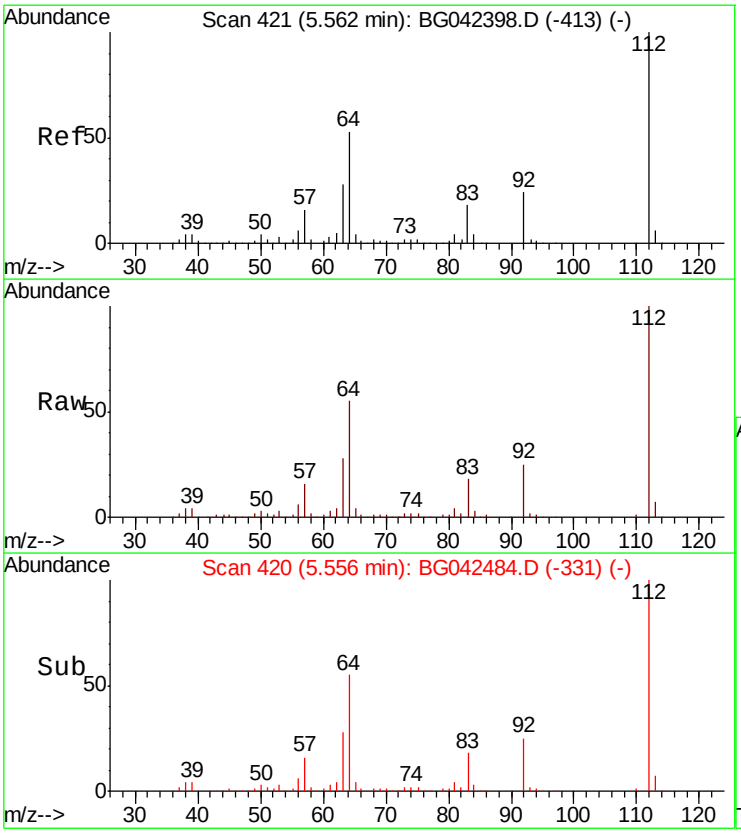
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44814

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.4	188.0
115	53.0	38.5	57.7

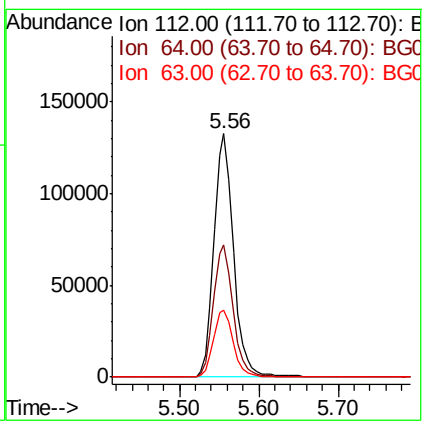


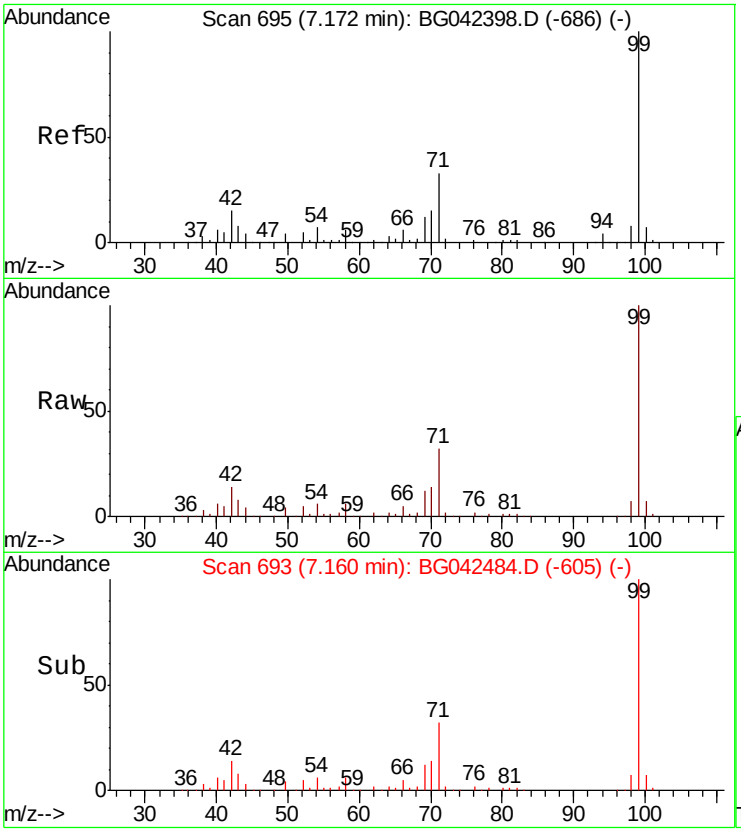


#5
2-Fluorophenol
Concen: 102.551 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion:112 Resp: 226917

Ion	Ratio	Lower	Upper
112	100		
64	54.5	42.8	64.2
63	27.7	22.7	34.1



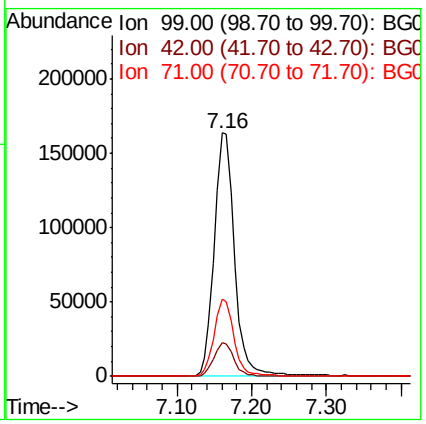


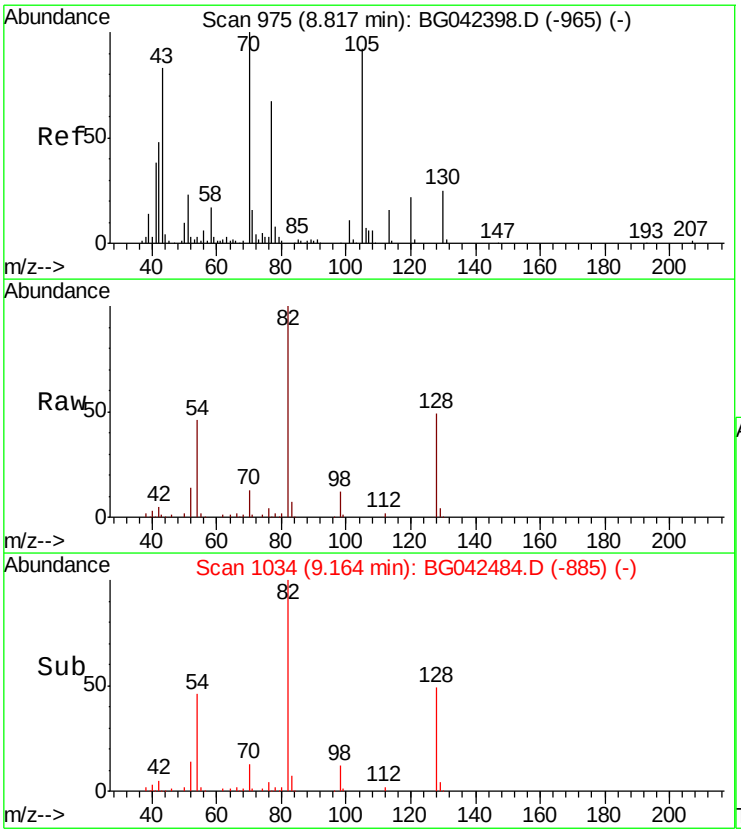
#7
Phenol-d6
Concen: 103.609 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 309676

Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.0	18.0
71	31.9	26.3	39.5

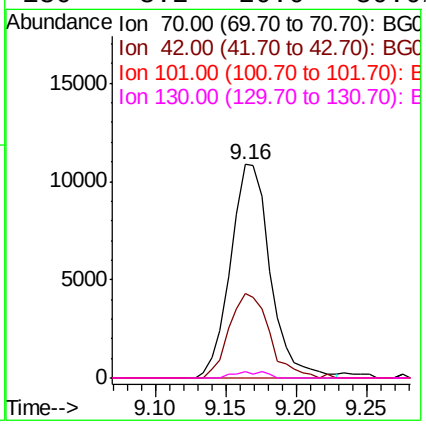


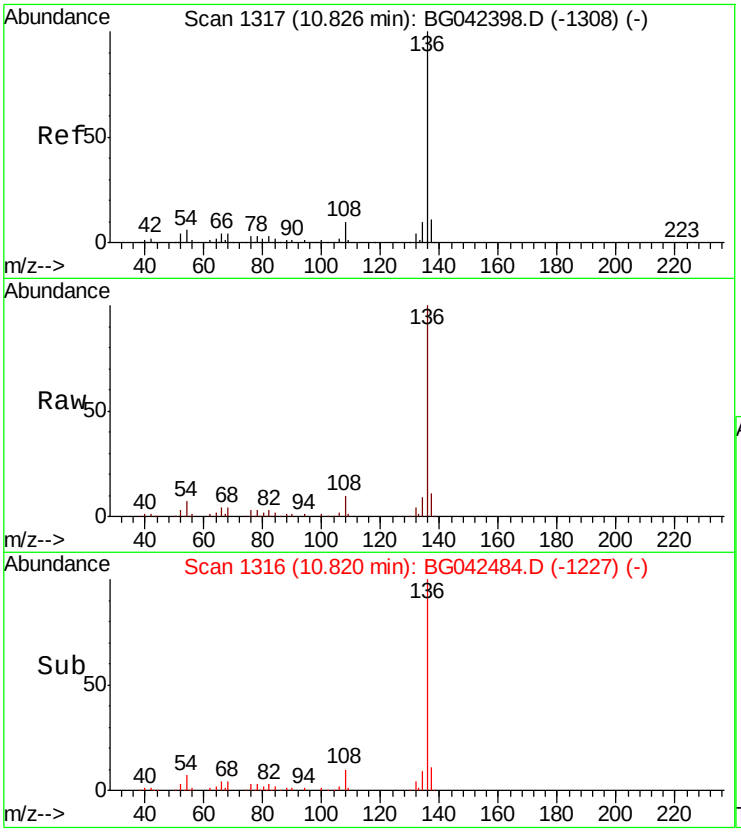


#19
n-Nitroso-di-n-propylamine
Concen: 11.060 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion: 70 Resp: 21417

Ion	Ratio	Lower	Upper
70	100		
42	39.8	38.8	58.2
101	0.0	9.0	13.6#
130	3.2	20.0	30.0#



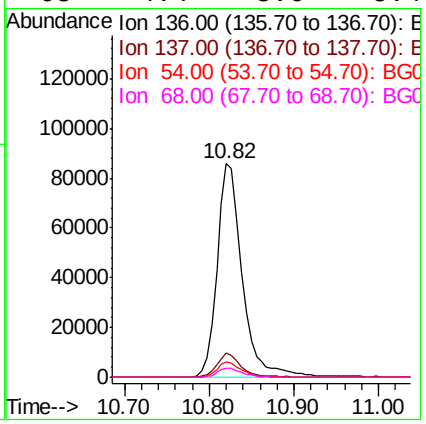


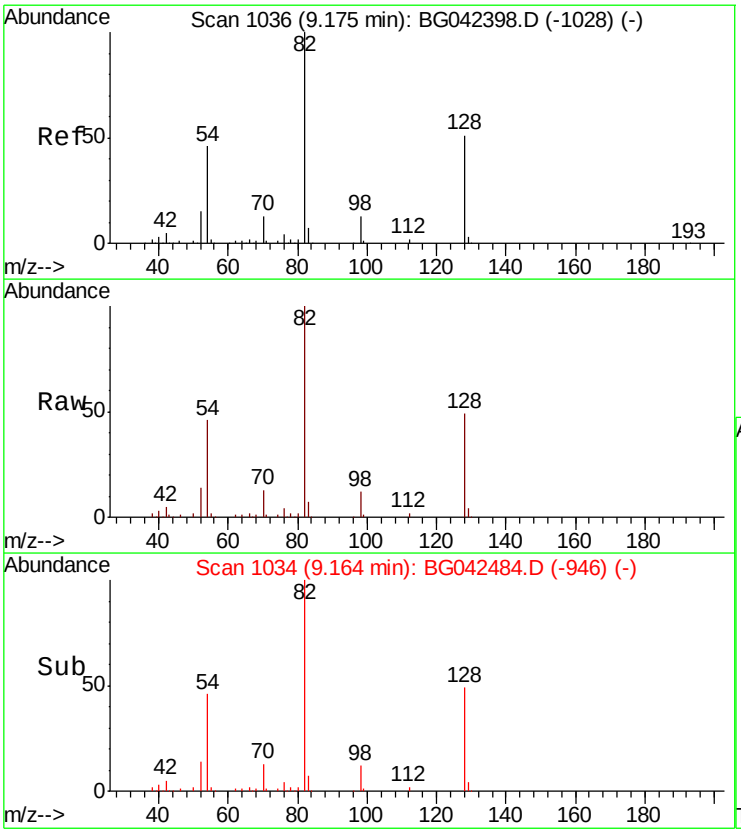
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 177089

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.9	4.9	7.3
68	4.4	3.6	5.4

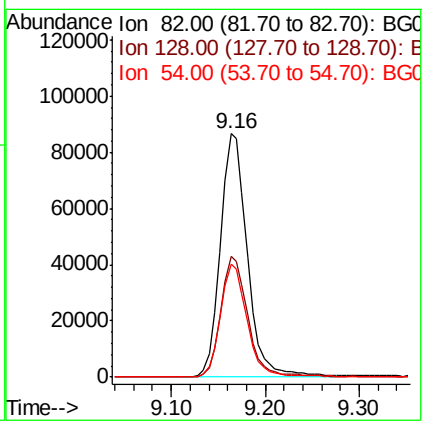


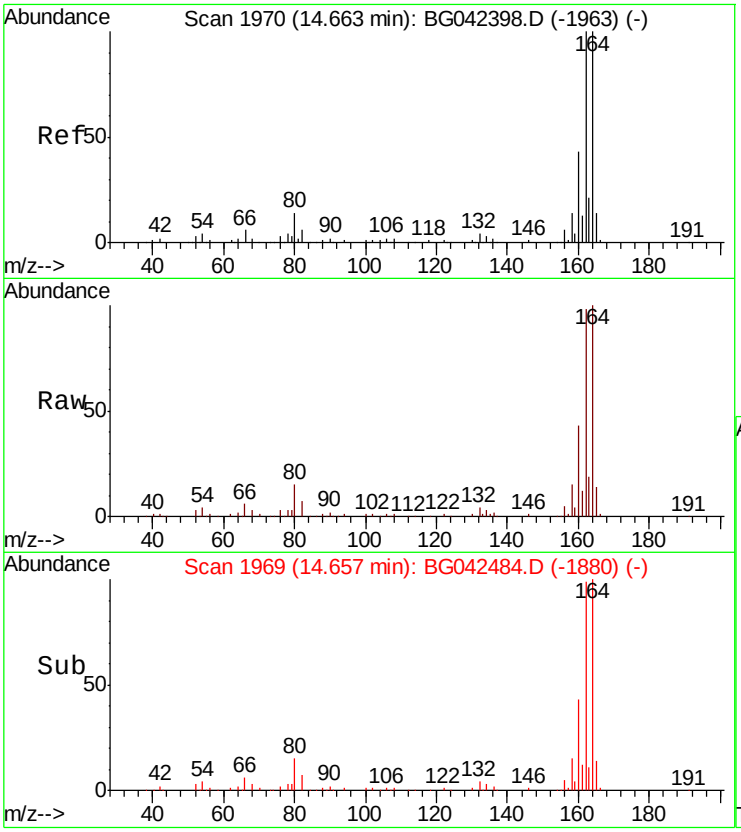


#23
Nitrobenzene-d5
Concen: 67.439 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion: 82 Resp: 172821

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.7	61.1
54	46.2	36.3	54.5



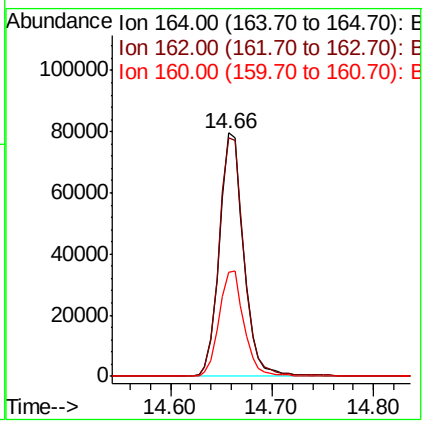


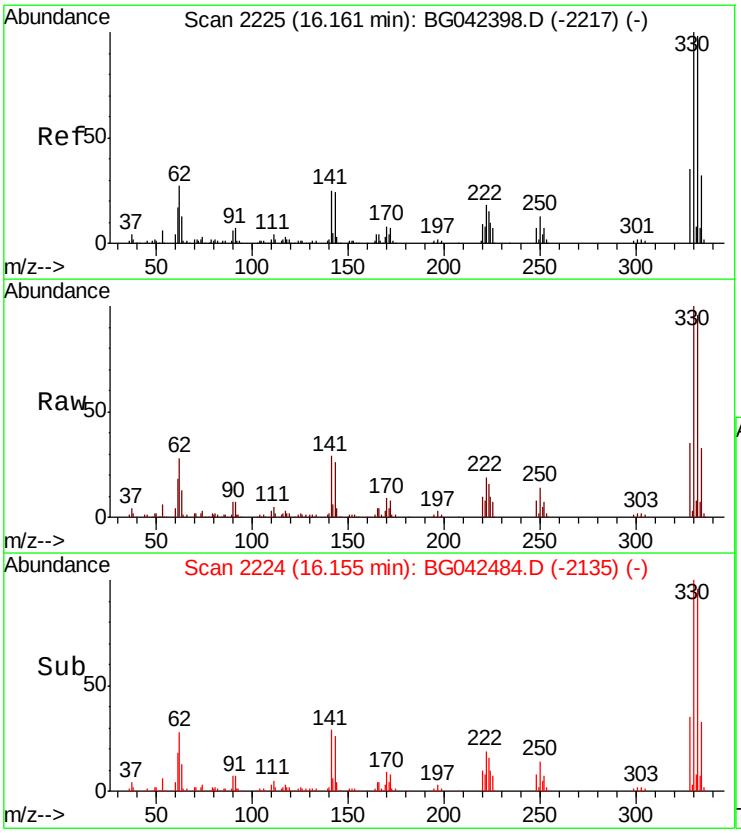
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 132791

Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.9	119.9
160	42.7	34.3	51.5

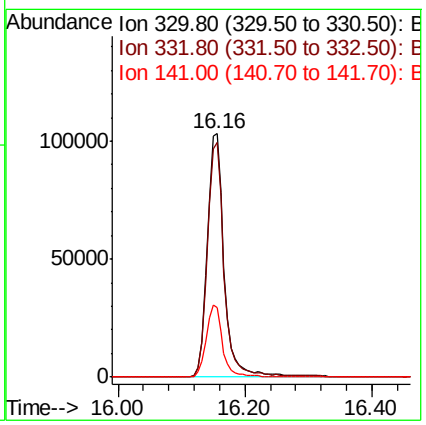


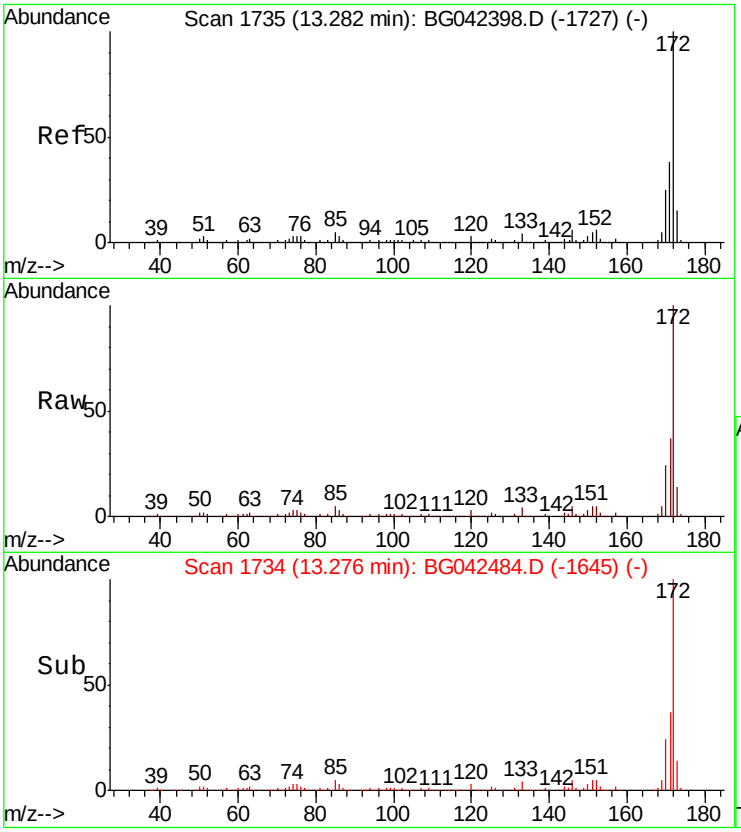


#42
2,4,6-Tribromophenol
Concen: 102.159 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion:330 Resp: 192815

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	28.3	21.4	32.0



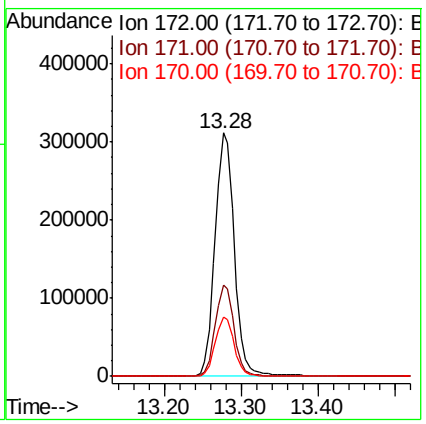


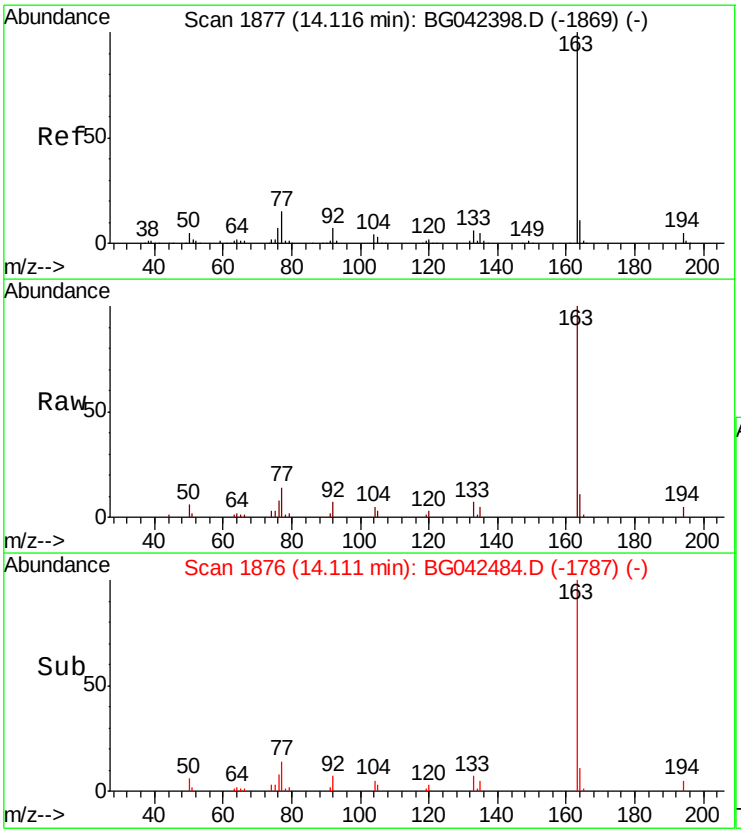
#45
2-Fluorobiphenyl
Concen: 68.704 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 539425

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.2	20.2	30.2

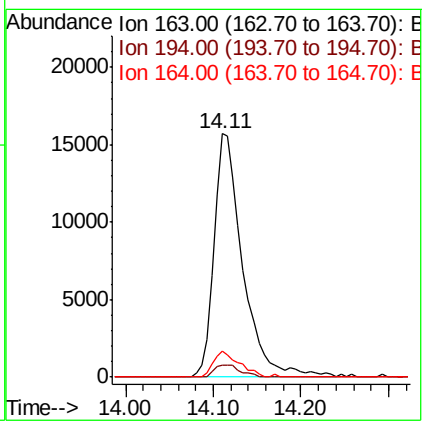


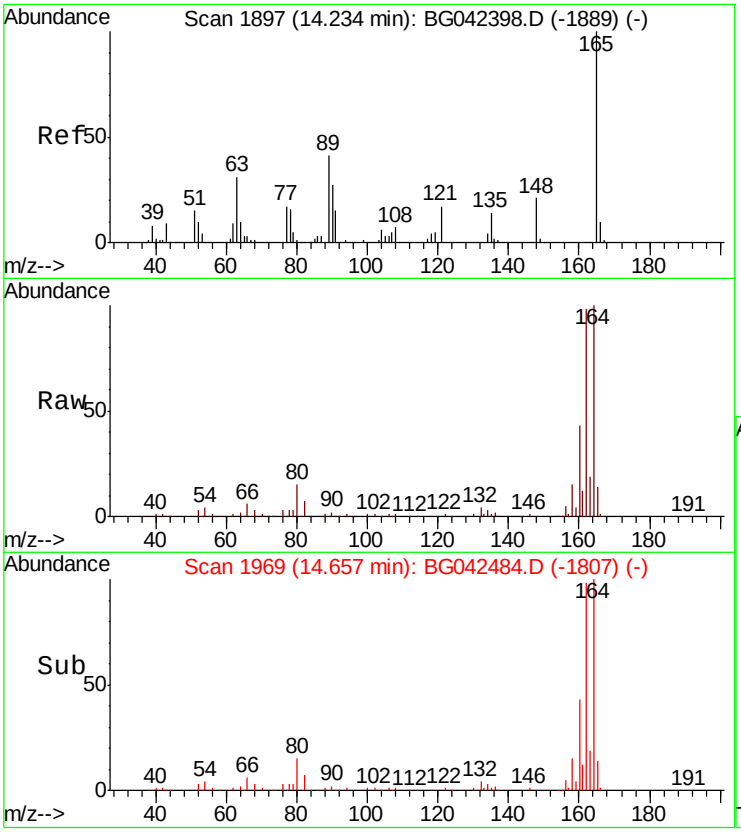


#50
Dimethylphthalate
Concen: 3.701 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion:163 Resp: 35464

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	10.7	8.8	13.2



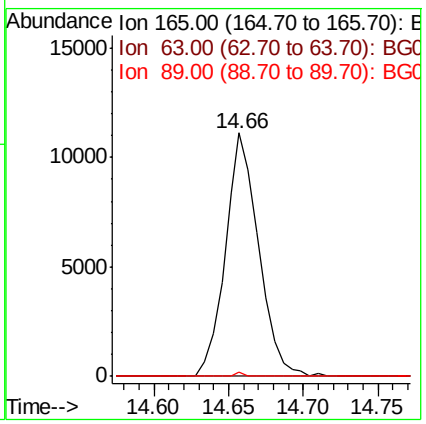


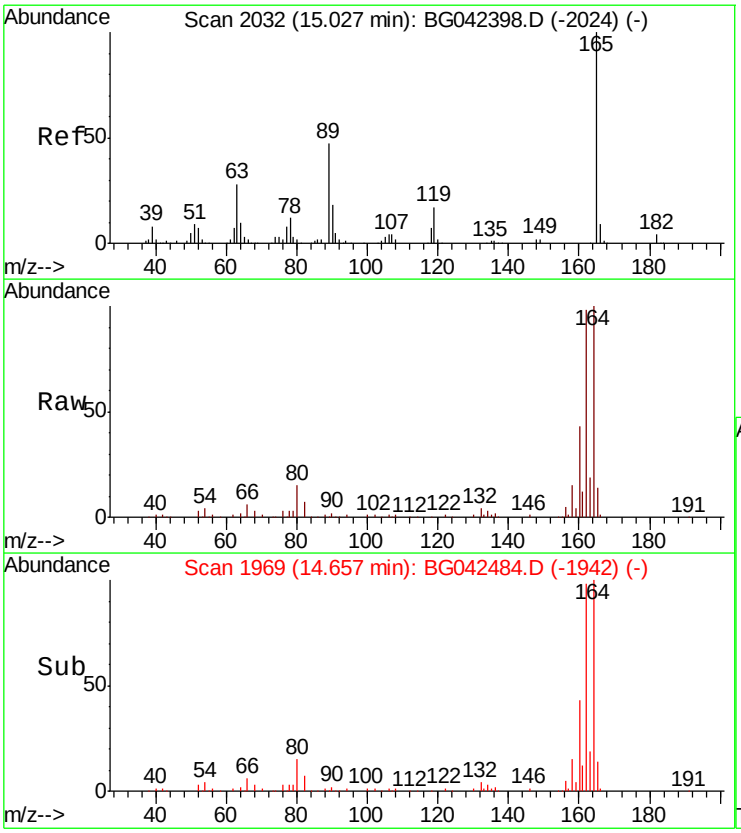
#51
2,6-Dinitrotoluene
Concen: 7.785 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.42 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17289

Ion	Ratio	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	1.7	32.6	49.0#

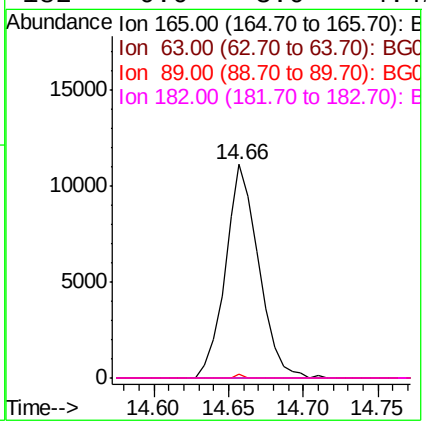


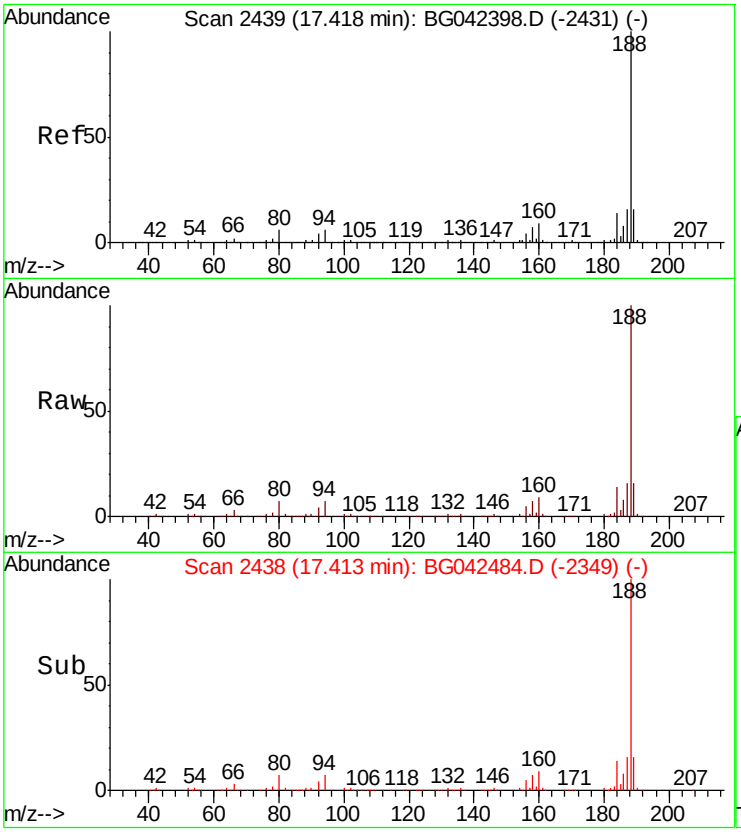


#57
2,4-Dinitrotoluene
Concen: 5.436 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.37 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion:165 Resp: 17289

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.5	33.7#
89	1.7	37.8	56.6#
182	0.0	3.0	4.4#



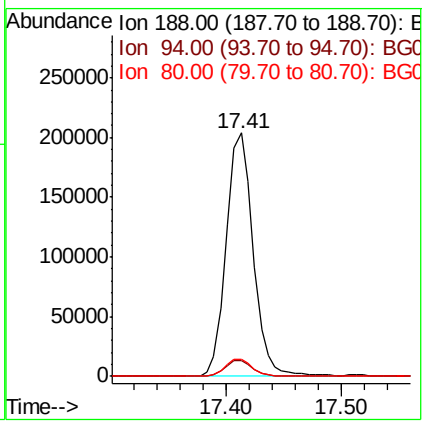


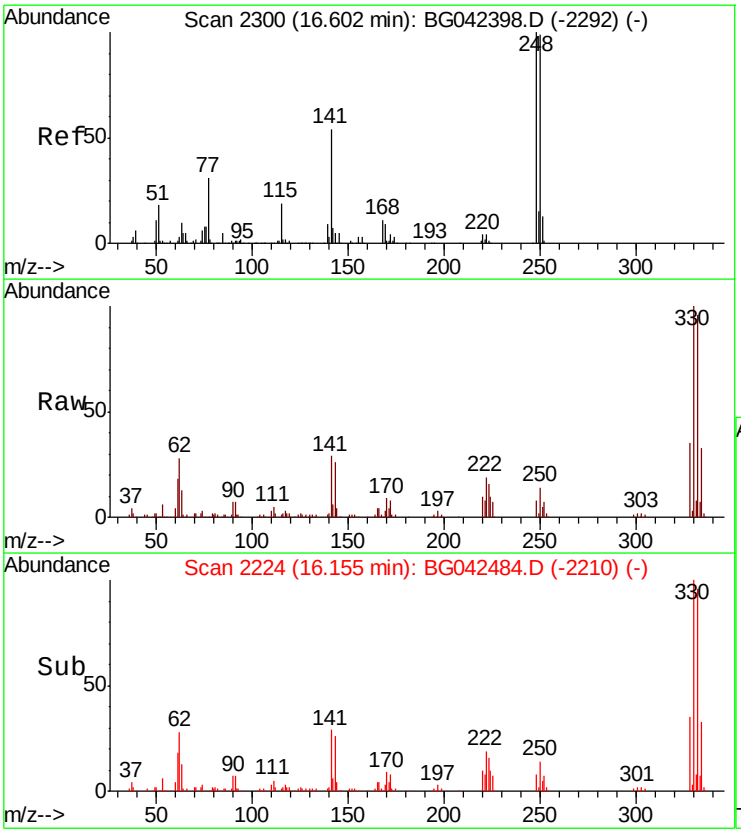
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 330921

Ion	Ratio	Lower	Upper
188	100		
94	6.6	4.5	6.7
80	7.2	4.9	7.3

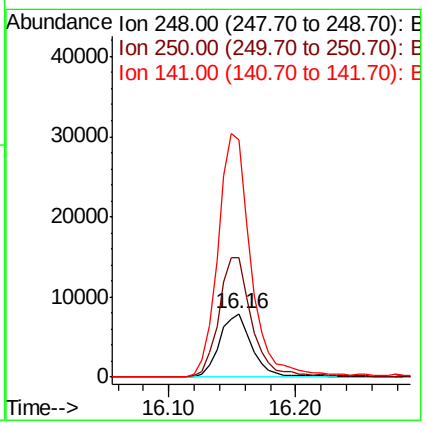


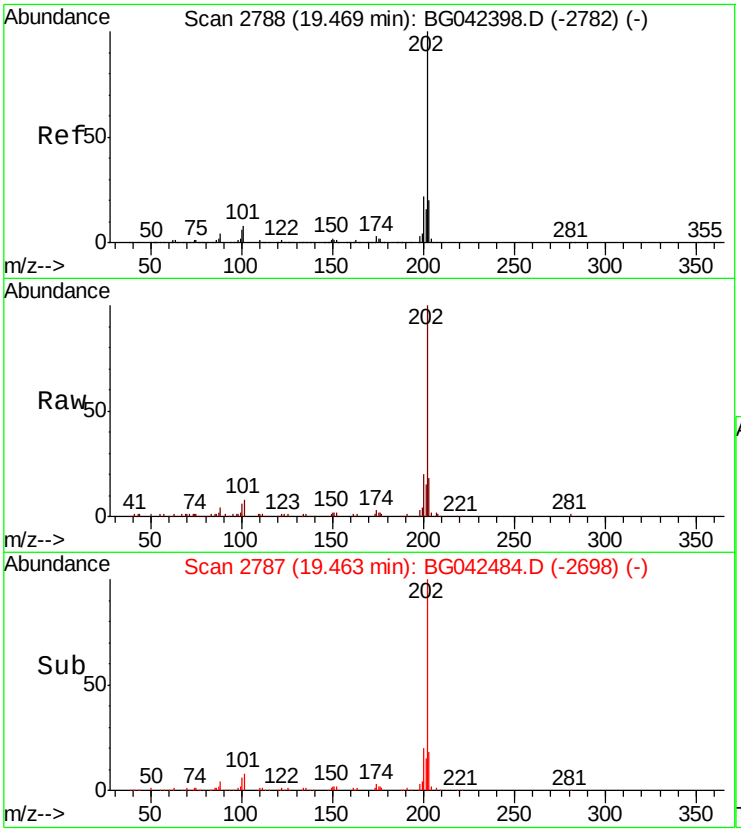


#67
4-Bromophenyl-phenylether
Concen: 3.304 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.45 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion:248 Resp: 13868

Ion	Ratio	Lower	Upper
248	100		
250	189.5	78.9	118.3#
141	374.8	43.3	64.9#



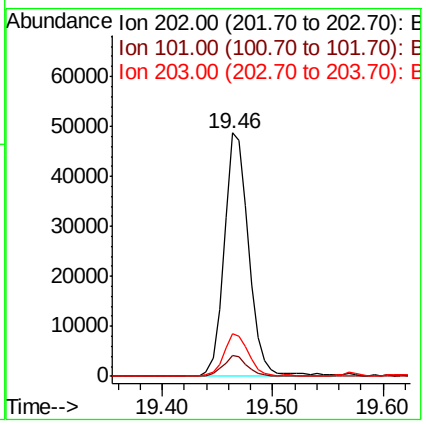


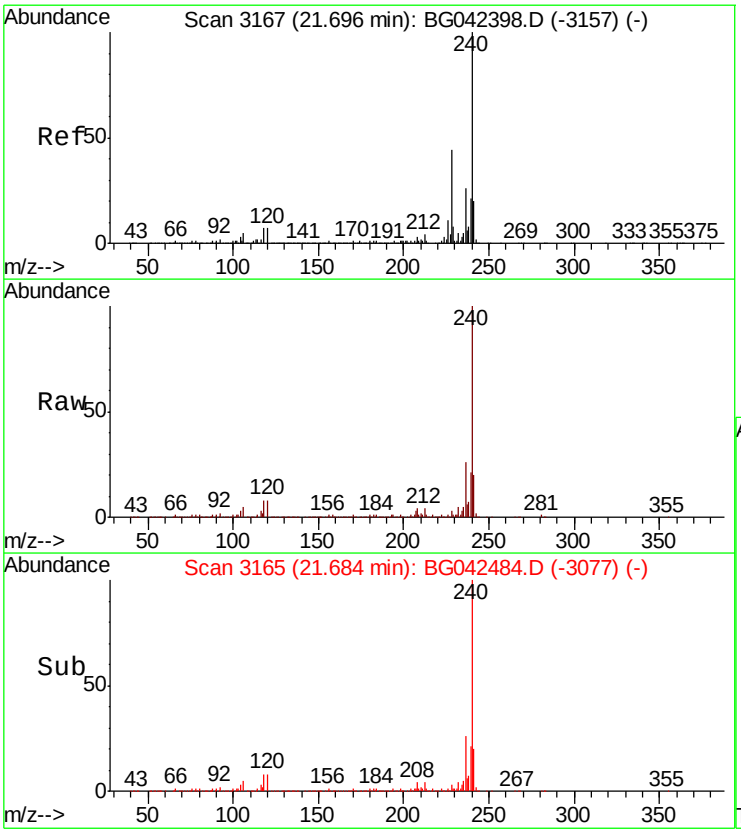
#75
Fluoranthene
Concen: 3.782 ng
RT: 19.46 min Scan# 2787
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 75867

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.3
203	17.7	0.0	39.6

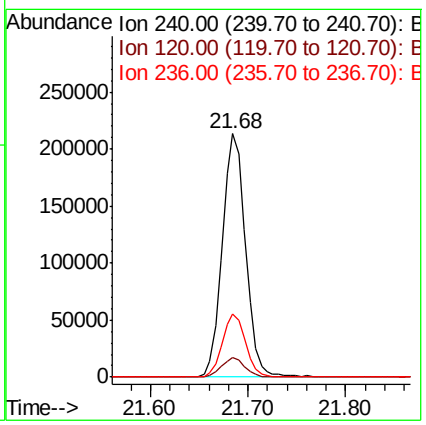


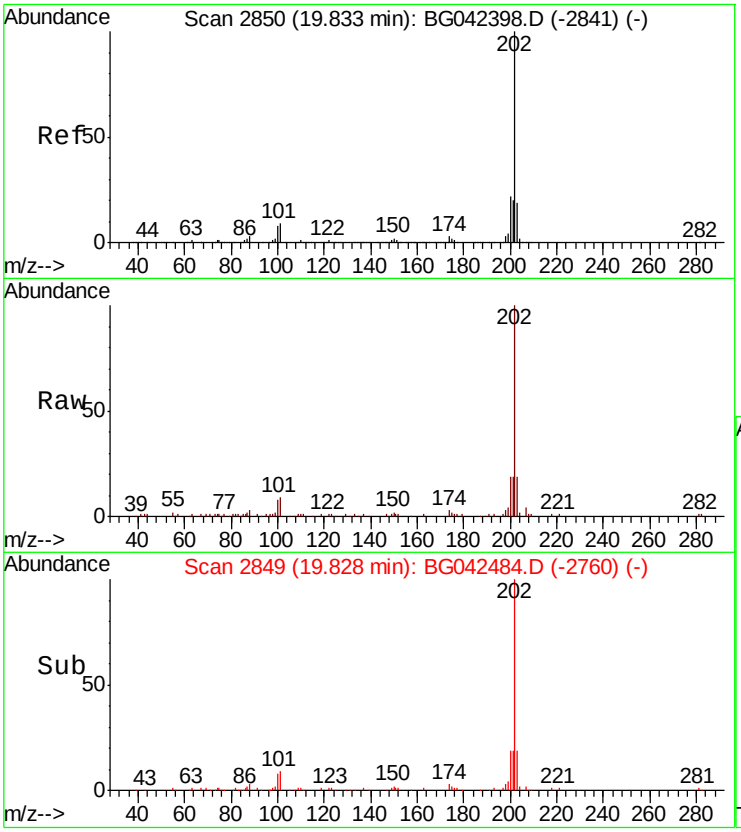


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion:240 Resp: 353108

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.7	8.5
236	25.9	21.0	31.4



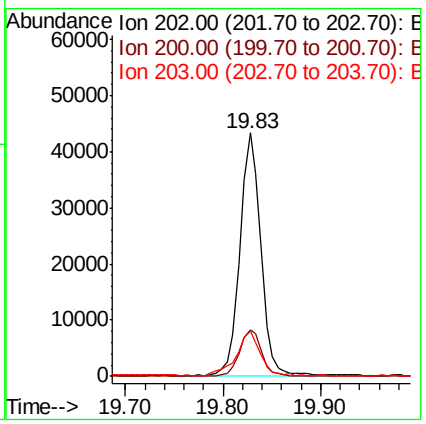


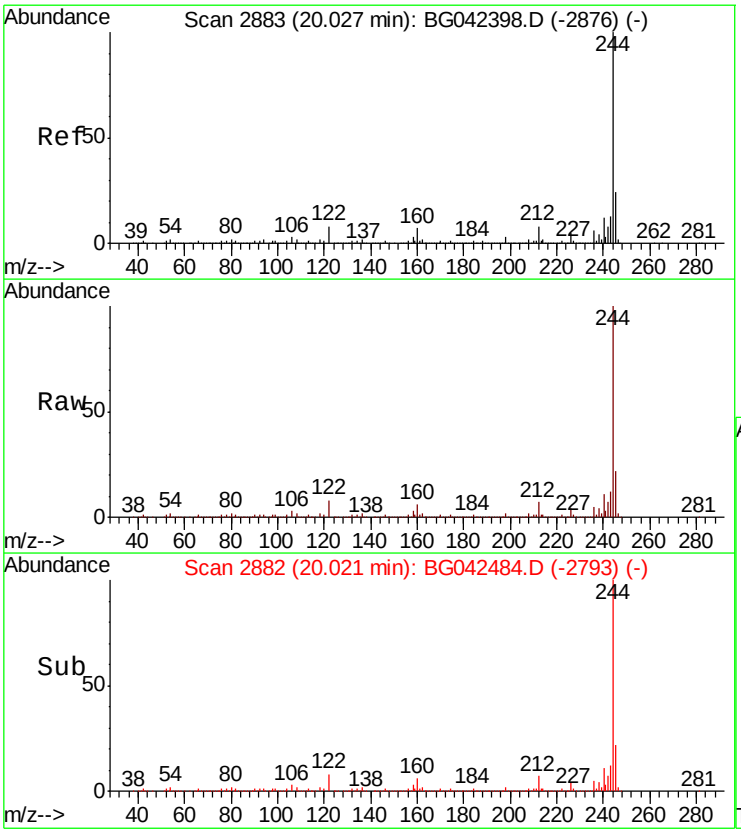
#78
Pyrene
Concen: 3.021 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 65411

Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.8	26.6
203	18.8	15.5	23.3

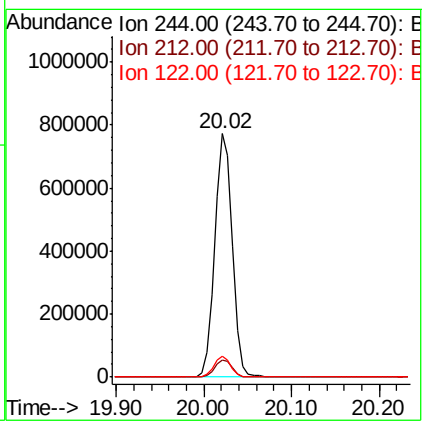


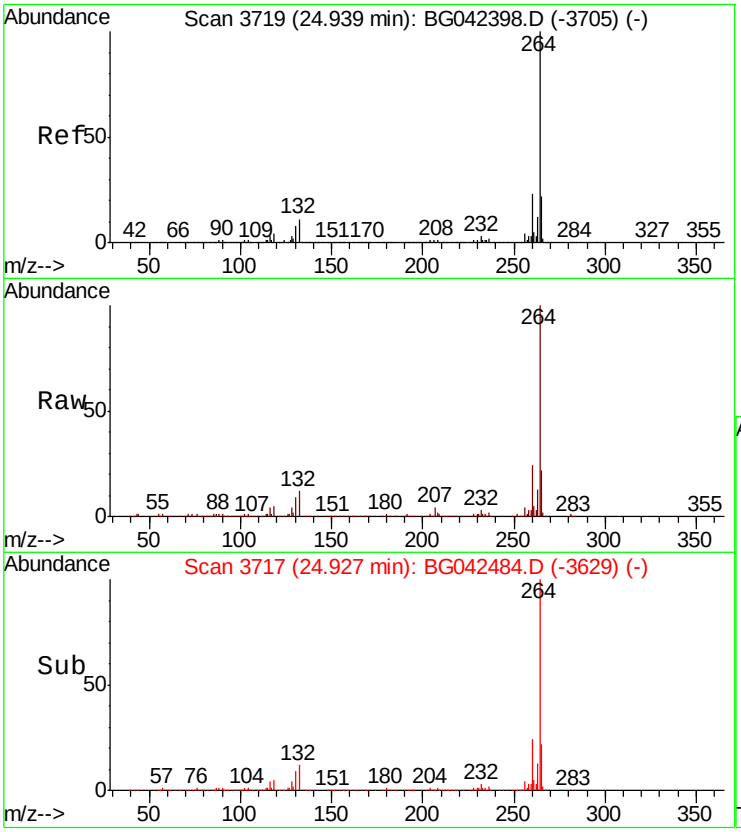


#79
Terphenyl-d14
Concen: 65.827 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion:244 Resp: 1075159

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	8.4	6.7	10.1



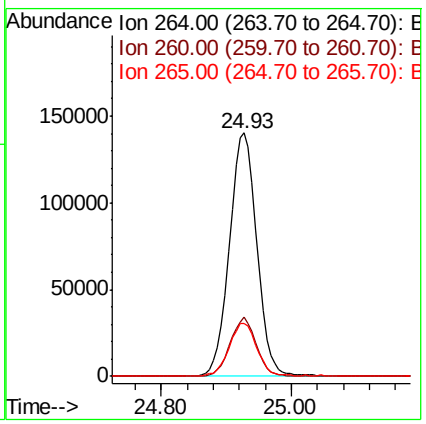


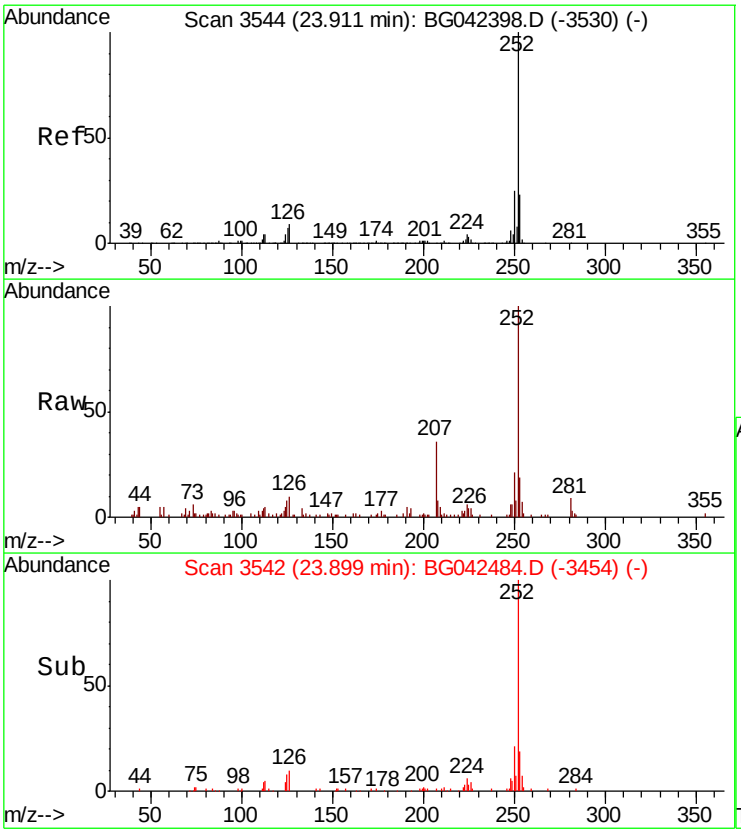
#87
Perylene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 409369

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.5	27.7
265	22.0	17.6	26.4

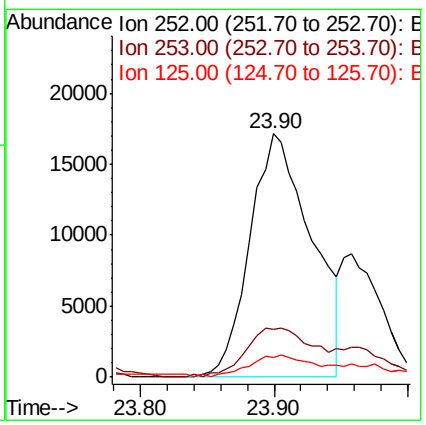


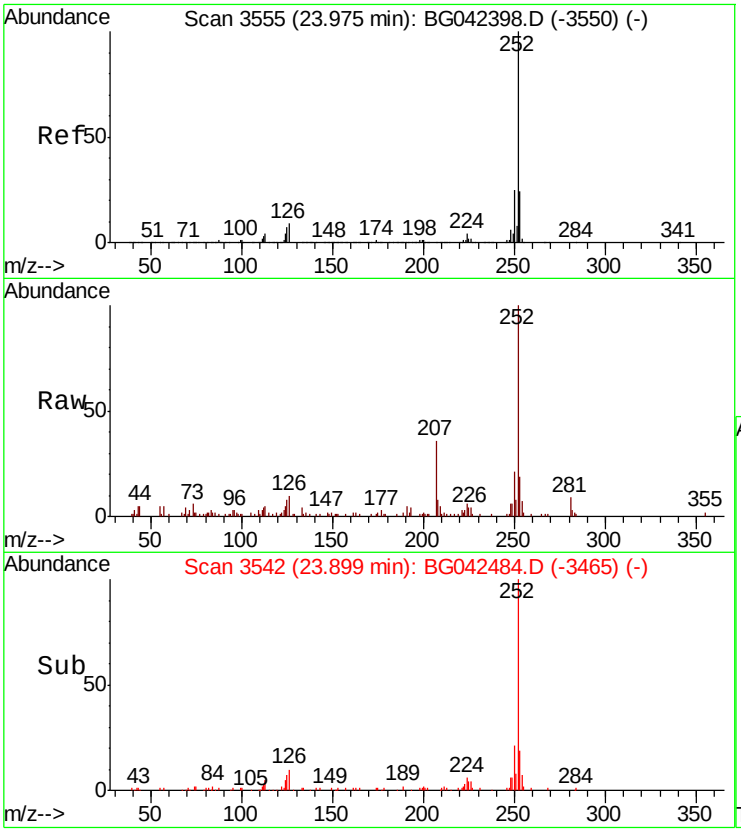


#88
Benzo(b)fluoranthene
Concen: 2.441 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.01 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Tgt Ion:252 Resp: 54936

Ion	Ratio	Lower	Upper
252	100		
253	19.5	18.6	27.8
125	8.1	5.6	8.4





#89
Benzo(k)fluoranthene
Concen: 2.539 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.08 min
Lab File: BG042484.D
Acq: 25 Aug 2019 18:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 54936

Ion	Ratio	Lower	Upper
252	100		
253	19.5	18.6	27.8
125	8.1	5.8	8.6