Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
Data File : BG040491.D
Acq On : 15 Apr 2019 22:20
Operator : JU/SJ
Sample : K2389-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 15 23:23:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45421	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	176979	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	112380	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	299222	20.00	ng		-0.03
76) Chrysene-d12	21.69	240	290468	20.00	ng		-0.04
87) Perylene-d12	24.97	264	309453	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	285687	104.56	ng		-0.02
7) Phenol-d6	7.20	99	396605	105.03	ng		-0.02
23) Nitrobenzene-d5	9.22	82	237062	71.20	ng		-0.03
42) 2,4,6-Tribromophenol	16.17	330	138621	114.14	ng		-0.02
45) 2-Fluorobiphenyl	13.29	172	570292	75.19	ng		-0.03
79) Terphenyl-d14	20.02	244	986324	76.39	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	30298	11.191	ng	#	75
50) Dimethylphthalate	14.13	163	29057	3.304	ng		97
51) 2,6-Dinitrotoluene	14.68	165	14048	7.113	ng	#	27
57) 2,4-Dinitrotoluene	14.68	165	14048	5.119	ng	#	27

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041519\
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Acq On : 15 Apr 2019 22:20
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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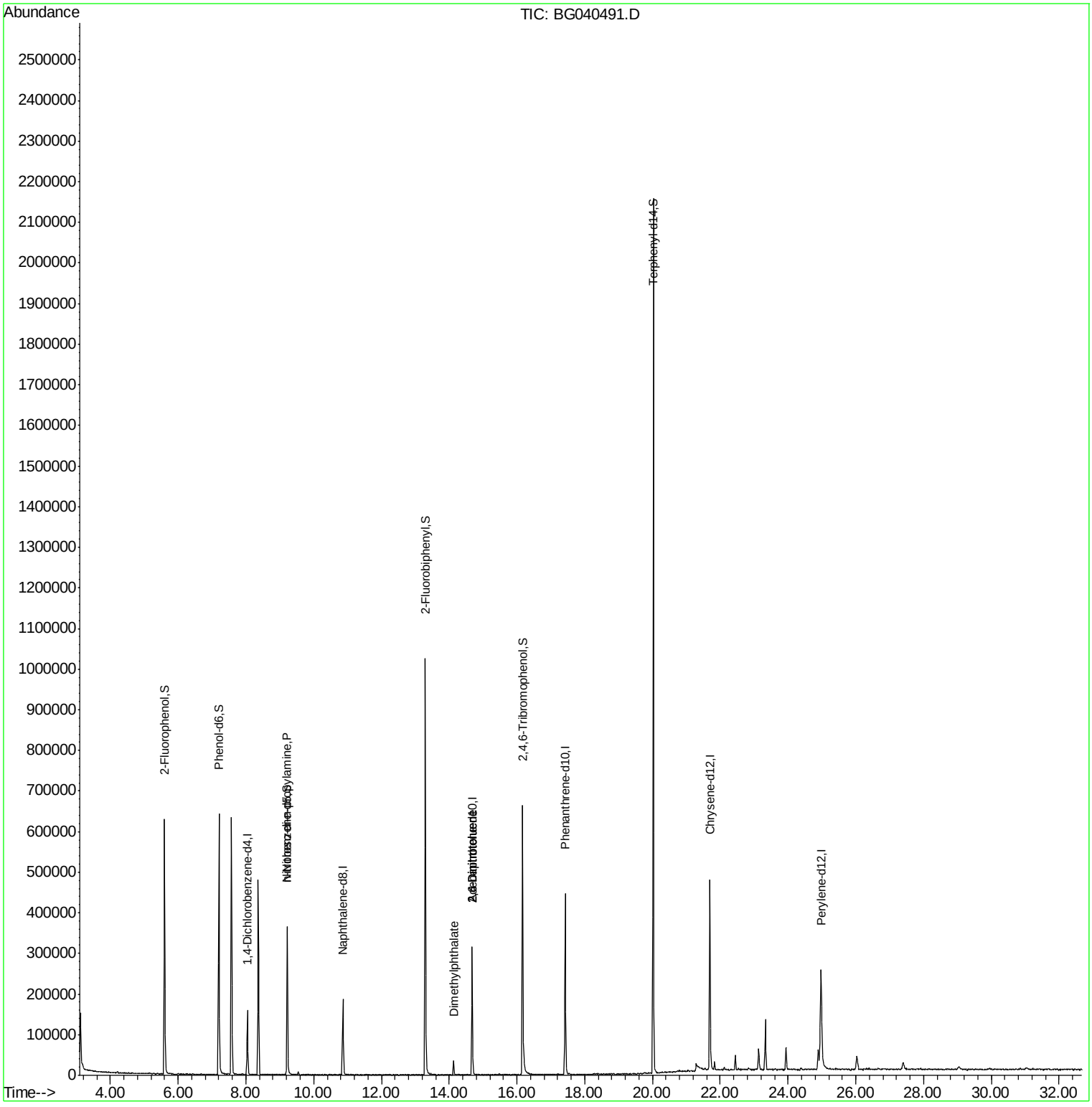
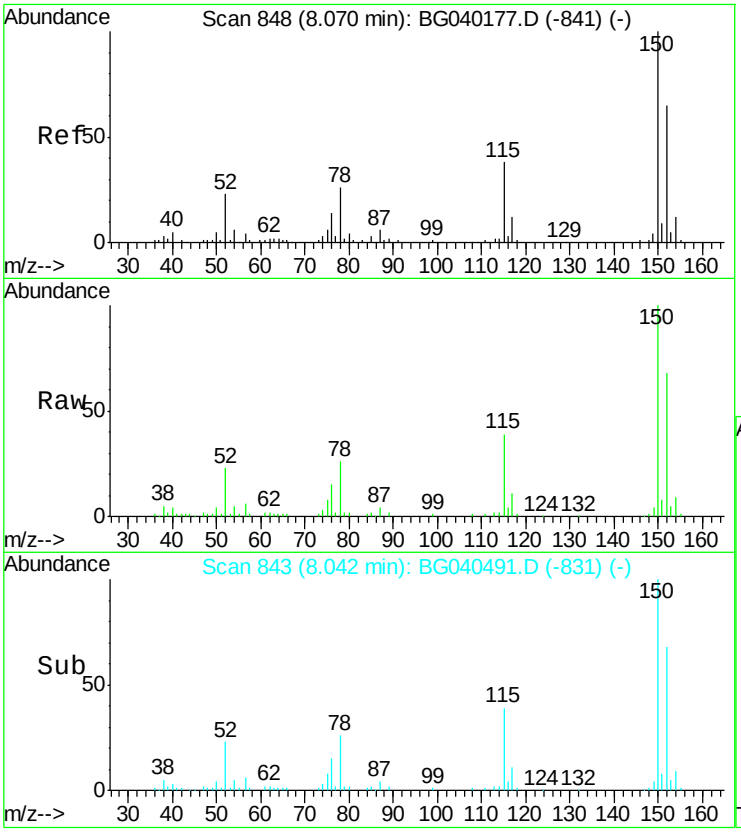
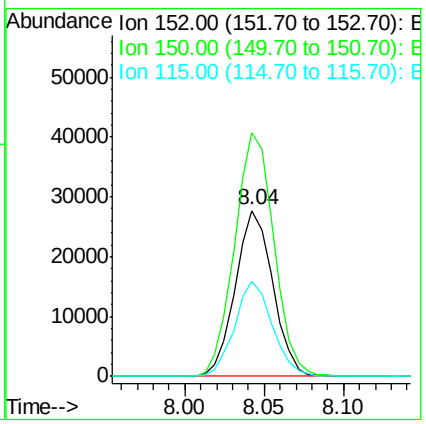




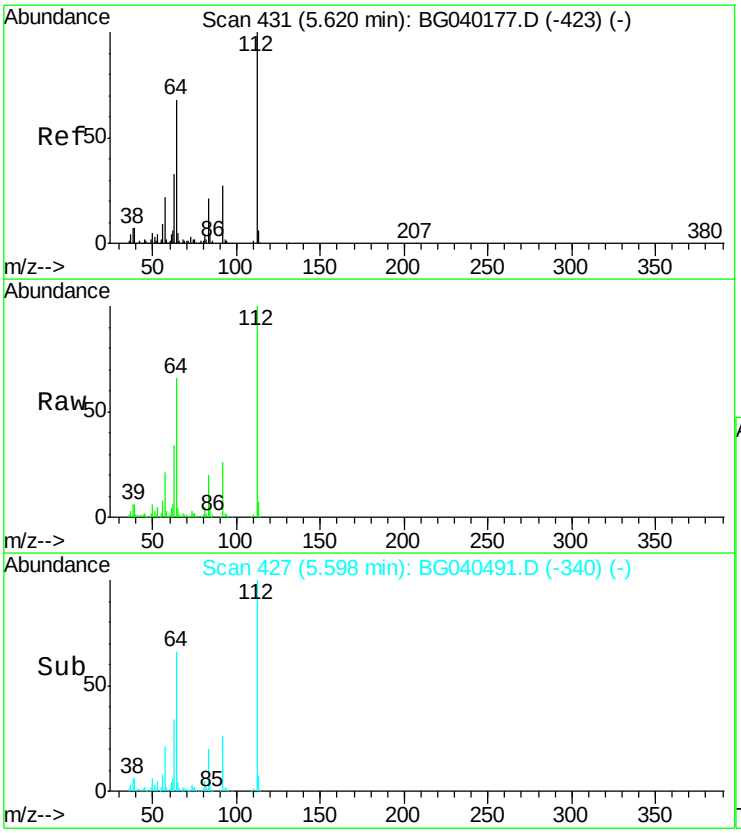
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Tgt Ion:152 Resp: 45421

Ion	Ratio	Lower	Upper
152	100		
150	146.9	123.7	185.5
115	57.5	46.9	70.3



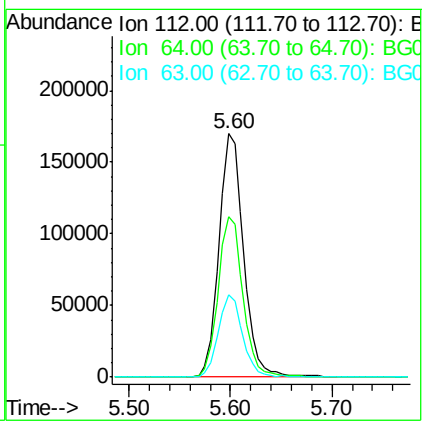
Instrument :
BNA_G
ClientSampleId :

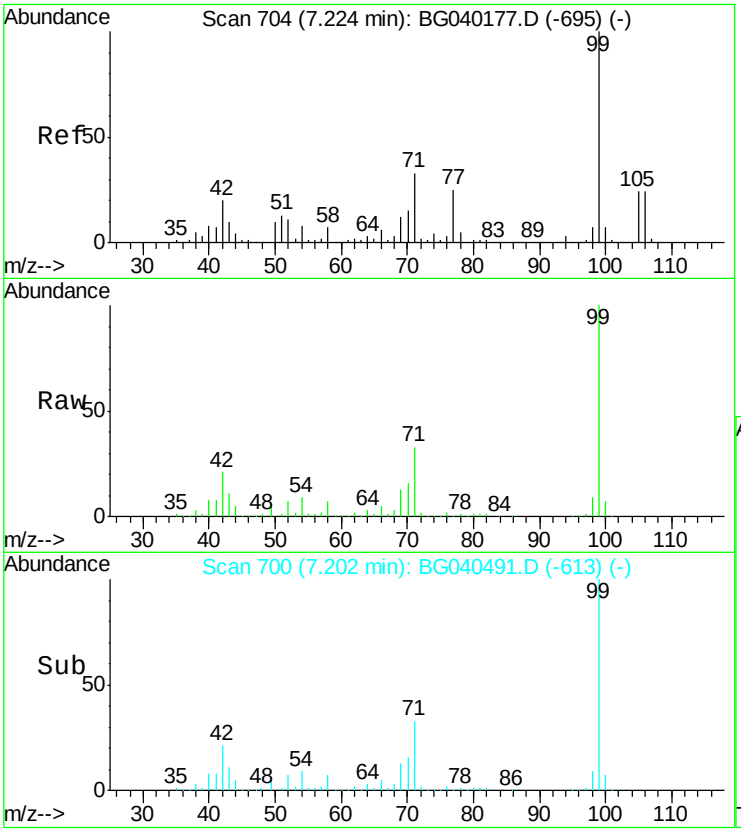


#5
2-Fluorophenol
Concen: 104.562 ng
RT: 5.60 min Scan# 427
Delta R.T. -0.02 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Tgt Ion:112 Resp: 285687

Ion	Ratio	Lower	Upper
112	100		
64	66.1	54.2	81.2
63	33.7	26.4	39.6



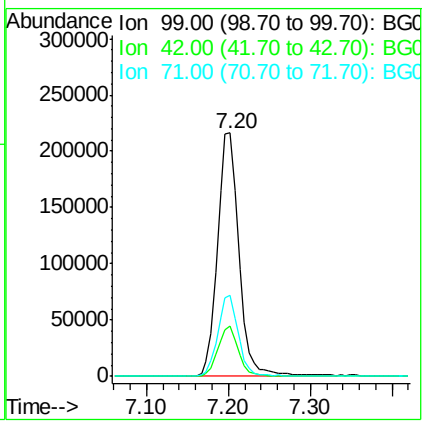


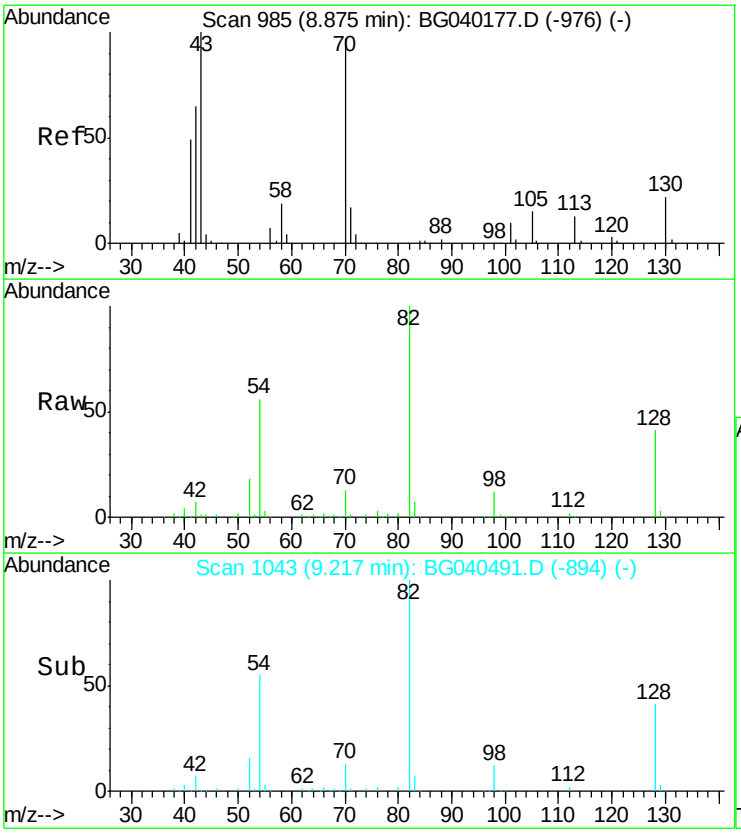
#7
Phenol-d6
Concen: 105.033 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 396605

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.2	24.2
71	33.3	26.8	40.2

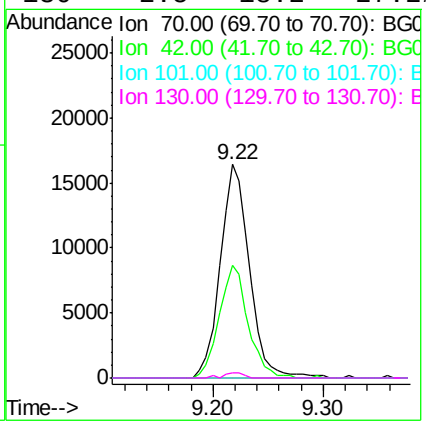


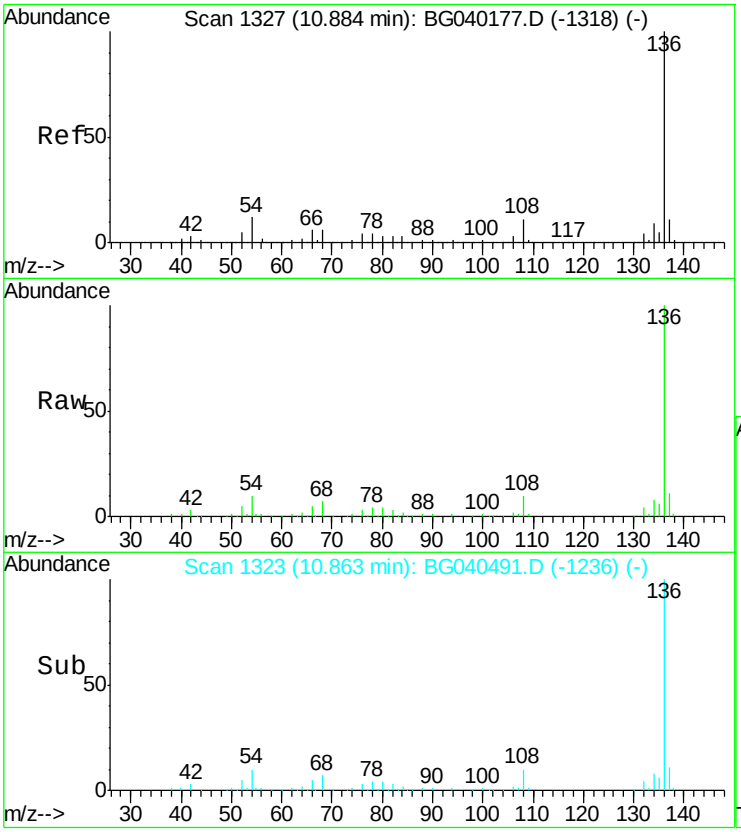


#19
n-Nitroso-di-n-propylamine
Concen: 11.191 ng
RT: 9.22 min Scan# 1043
Delta R.T. 0.34 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Tgt Ion: 70 Resp: 30298

Ion	Ratio	Lower	Upper
70	100		
42	52.6	54.0	81.0#
101	0.0	8.6	13.0#
130	2.5	18.2	27.2#



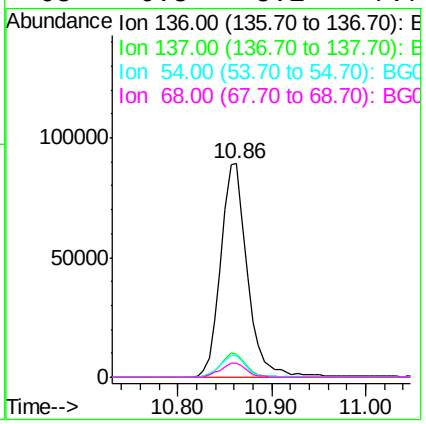


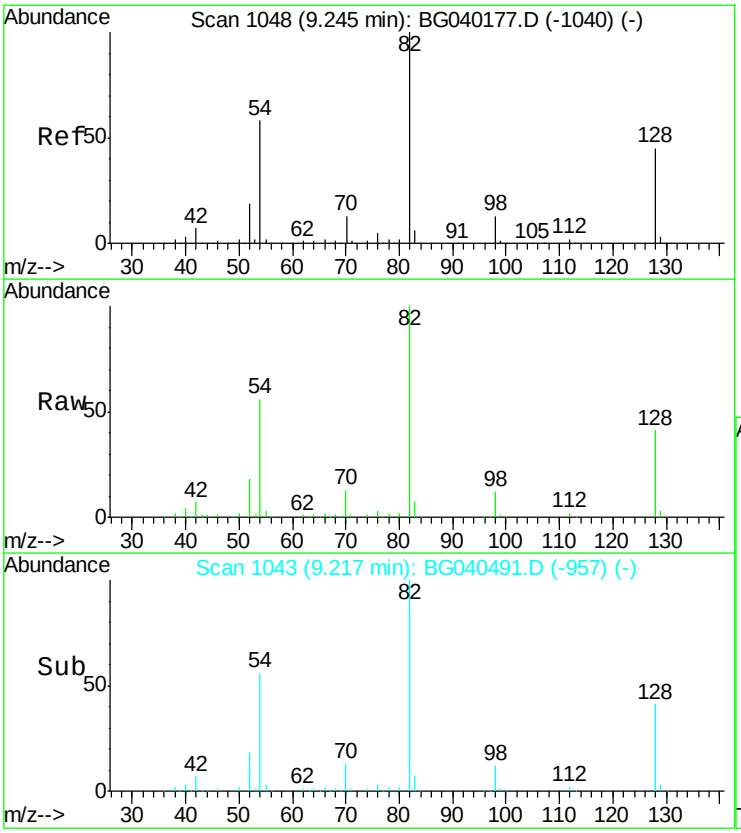
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 176979

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.3	9.6	14.4
68	6.8	5.1	7.7

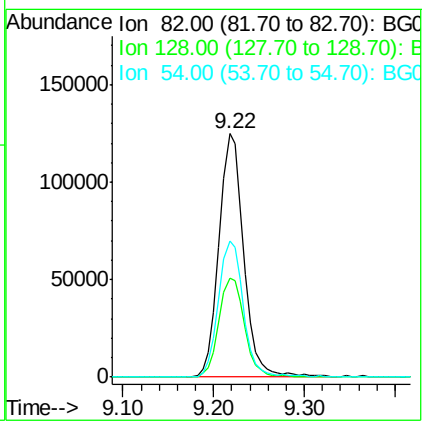


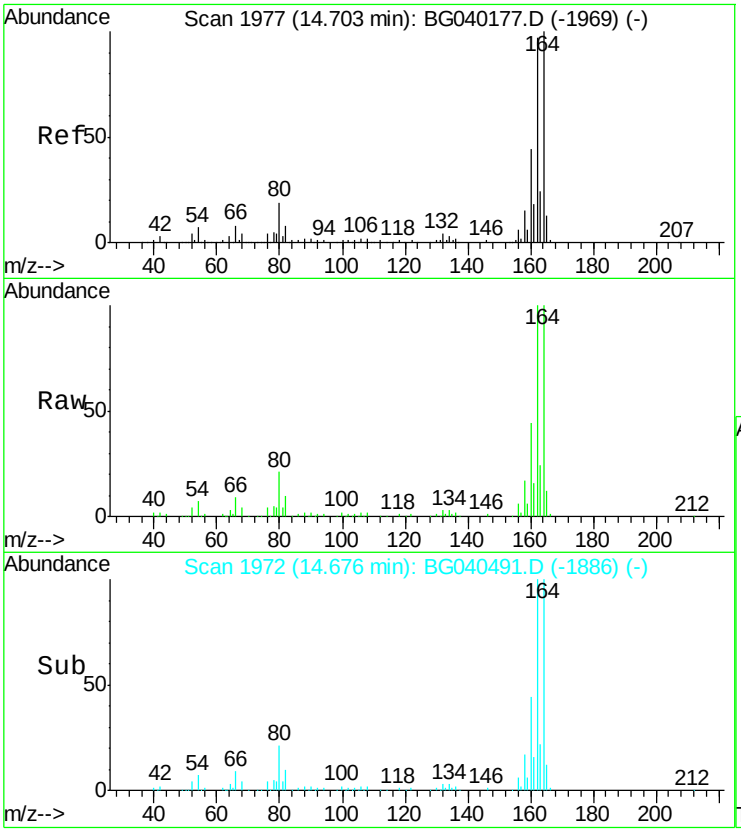


#23
Nitrobenzene-d5
Concen: 71.199 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Tgt Ion: 82 Resp: 237062

Ion	Ratio	Lower	Upper
82	100		
128	40.6	35.8	53.8
54	56.0	46.2	69.2



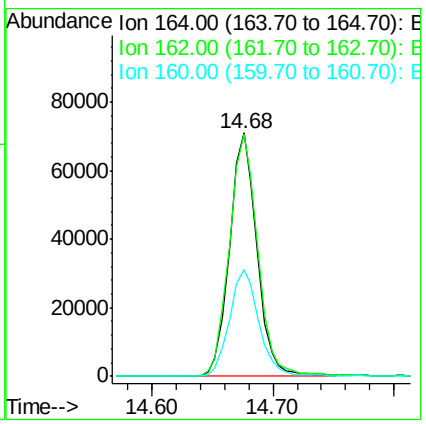


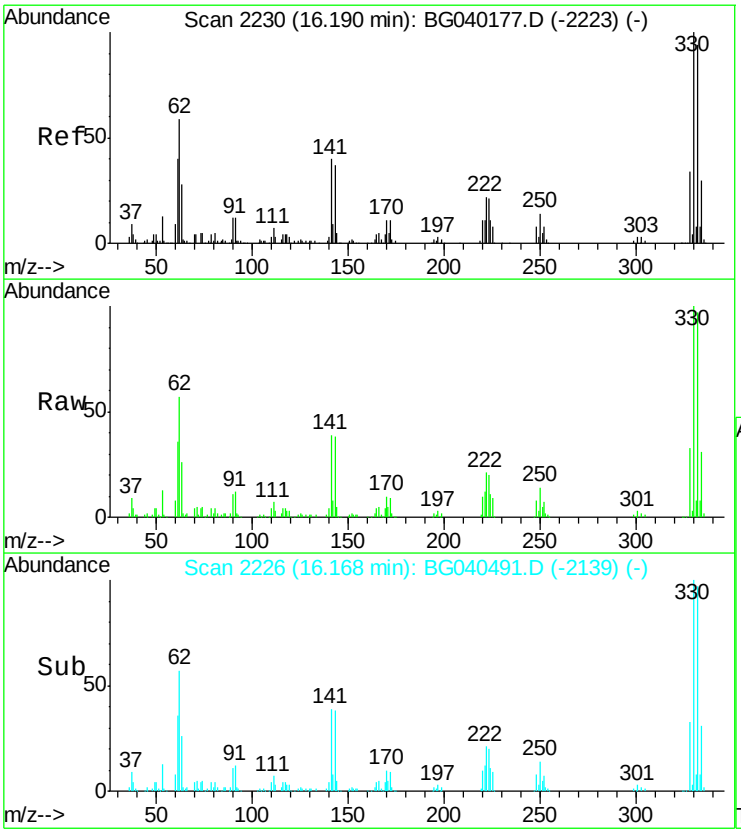
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 112380

Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.4	116.2
160	43.8	35.3	52.9

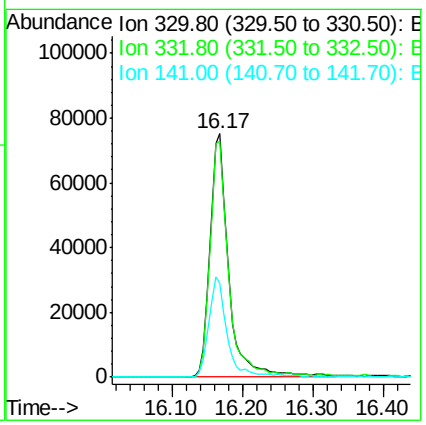


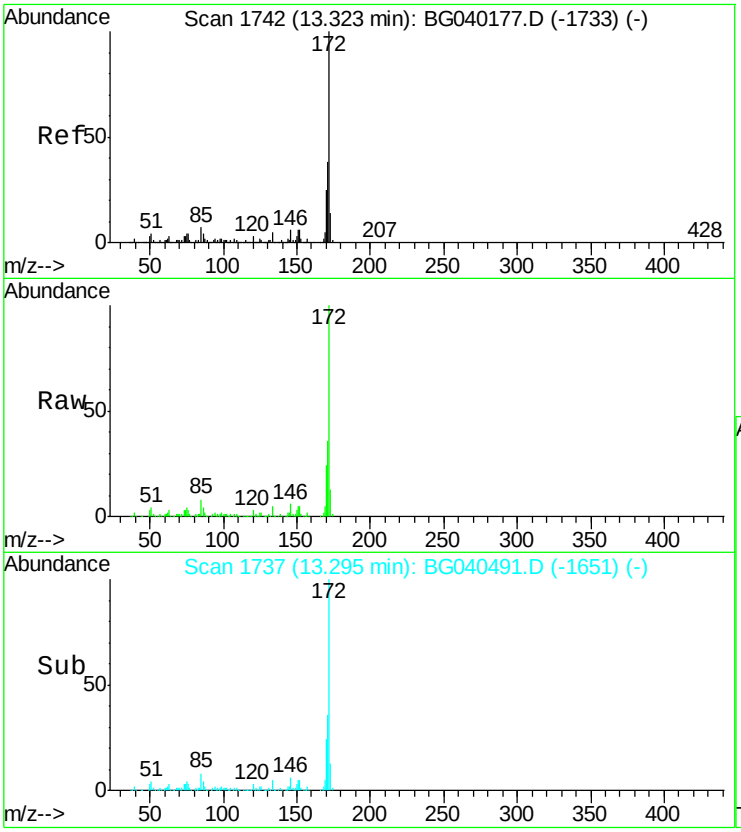


#42
2,4,6-Tribromophenol
Concen: 114.135 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Tgt Ion:330 Resp: 138621

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	38.5	32.6	48.8



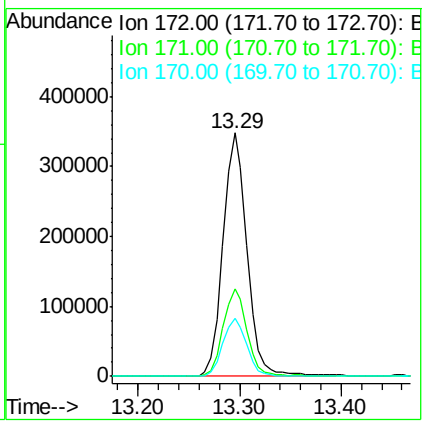


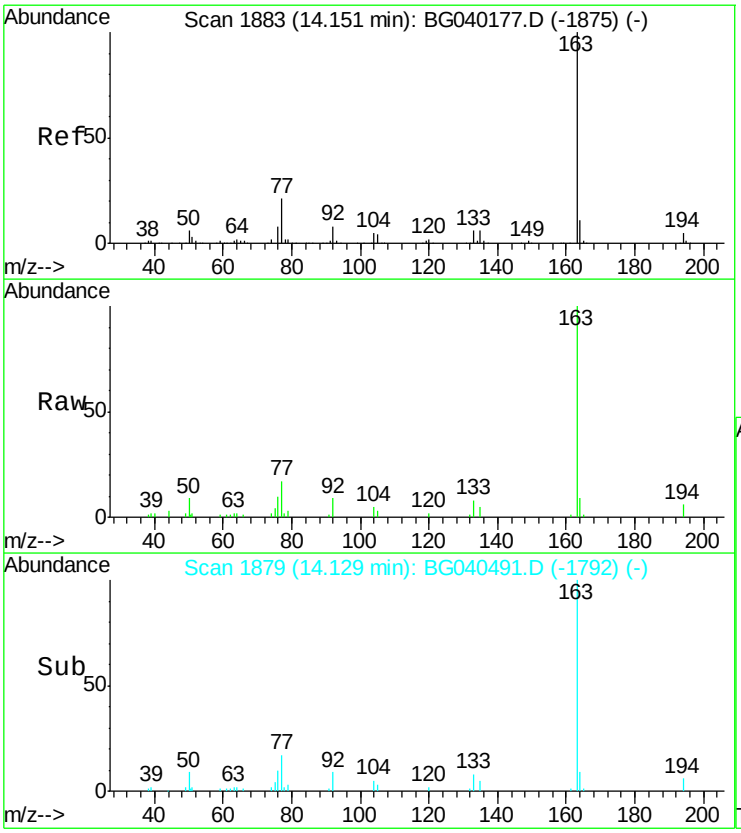
#45
2-Fluorobiphenyl
Concen: 75.195 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 570292

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.5	45.7
170	23.7	20.1	30.1

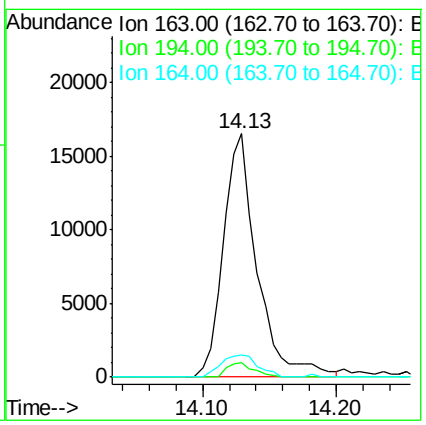


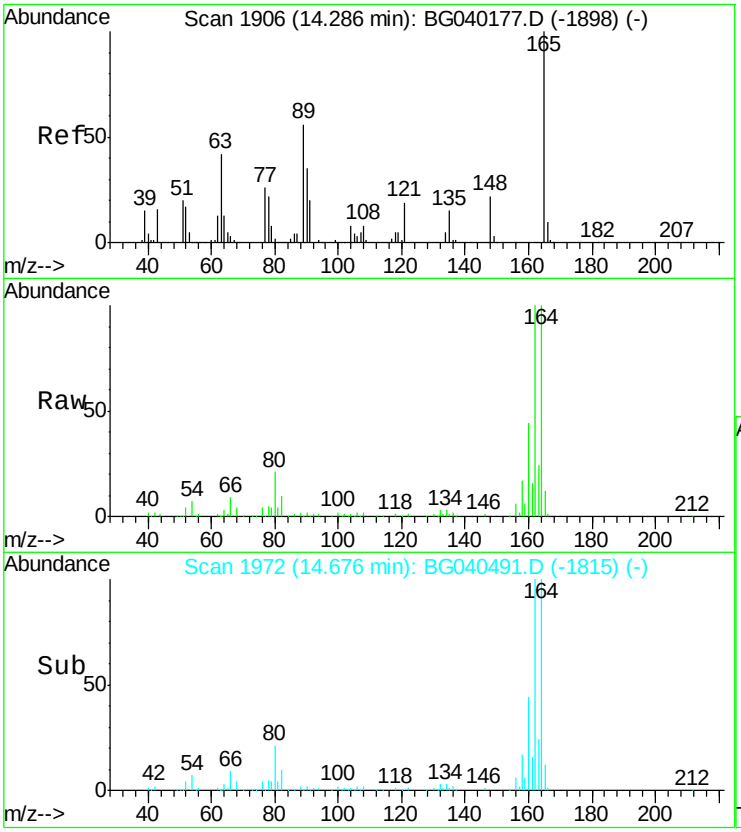


#50
Dimethylphthalate
Concen: 3.304 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Tgt Ion:163 Resp: 29057

Ion	Ratio	Lower	Upper
163	100		
194	5.8	4.1	6.1
164	9.3	8.6	13.0



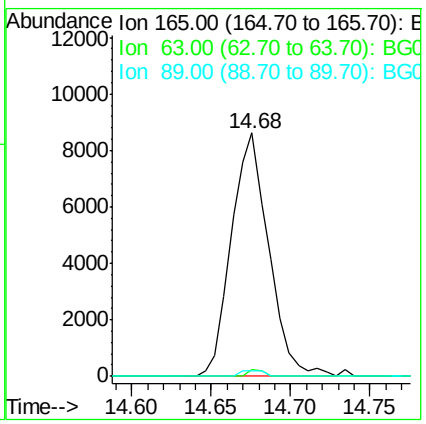


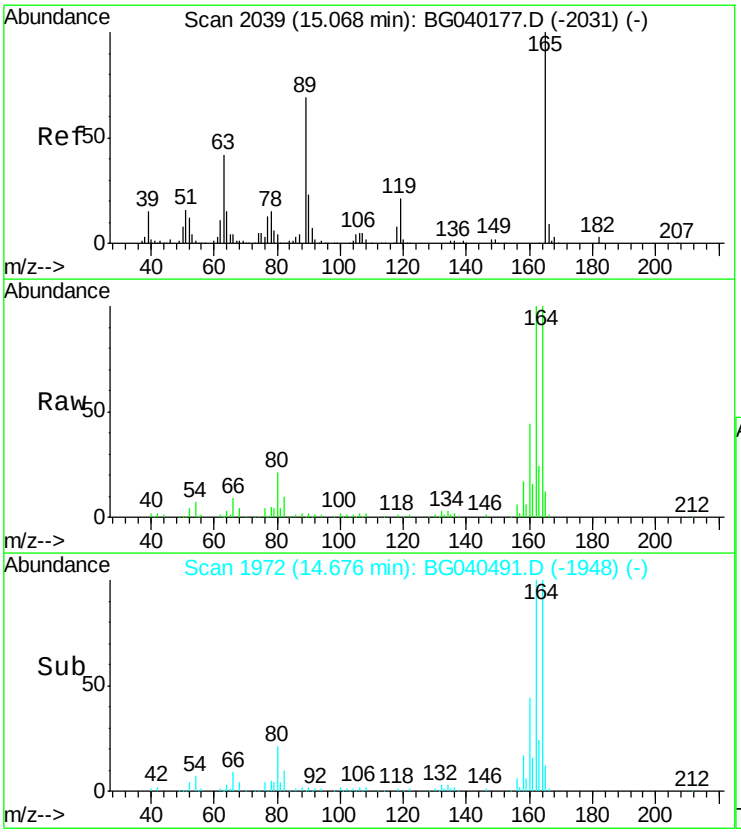
#51
2,6-Dinitrotoluene
Concen: 7.113 ng
RT: 14.68 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 14048

Ion	Ratio	Lower	Upper
165	100		
63	3.0	44.1	66.1#
89	2.1	44.9	67.3#

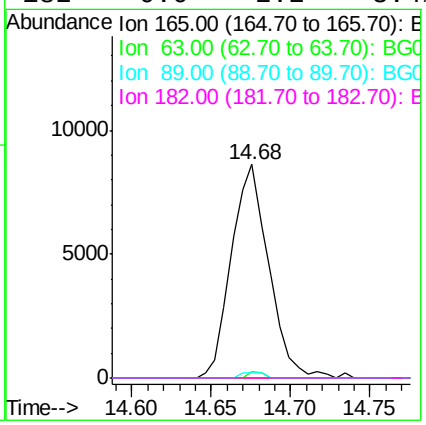


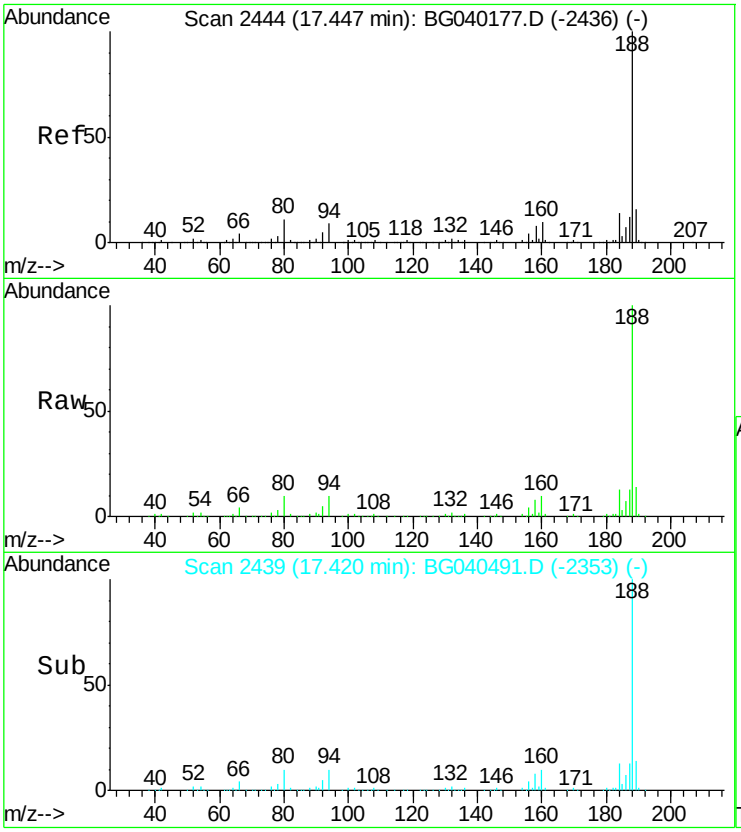


#57
2,4-Dinitrotoluene
Concen: 5.119 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.39 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Tgt Ion:165 Resp: 14048

Ion	Ratio	Lower	Upper
165	100		
63	3.0	33.8	50.6#
89	2.1	55.4	83.2#
182	0.0	2.2	3.4#



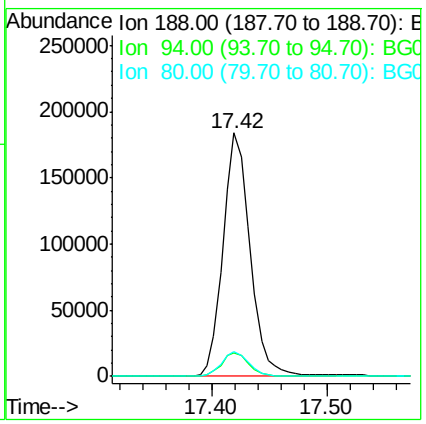


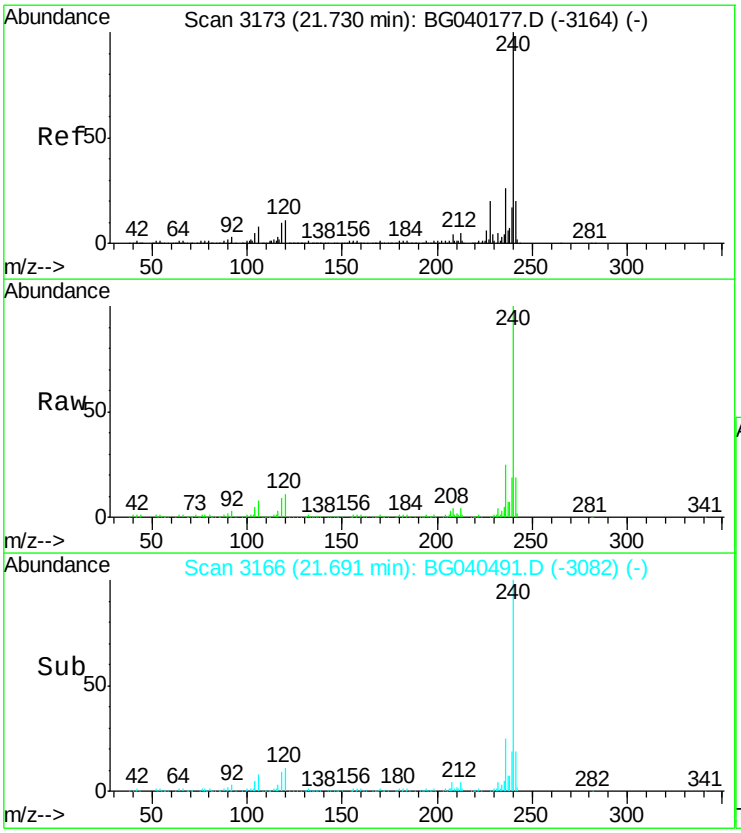
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 299222

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.0	10.4
80	10.0	8.6	13.0

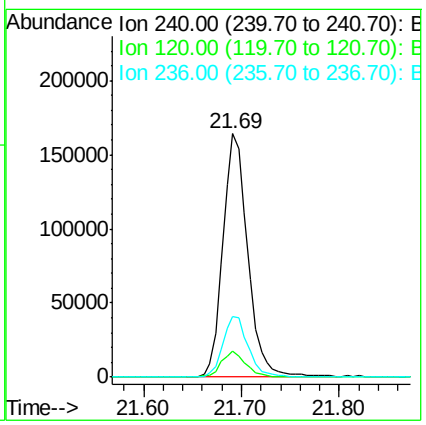


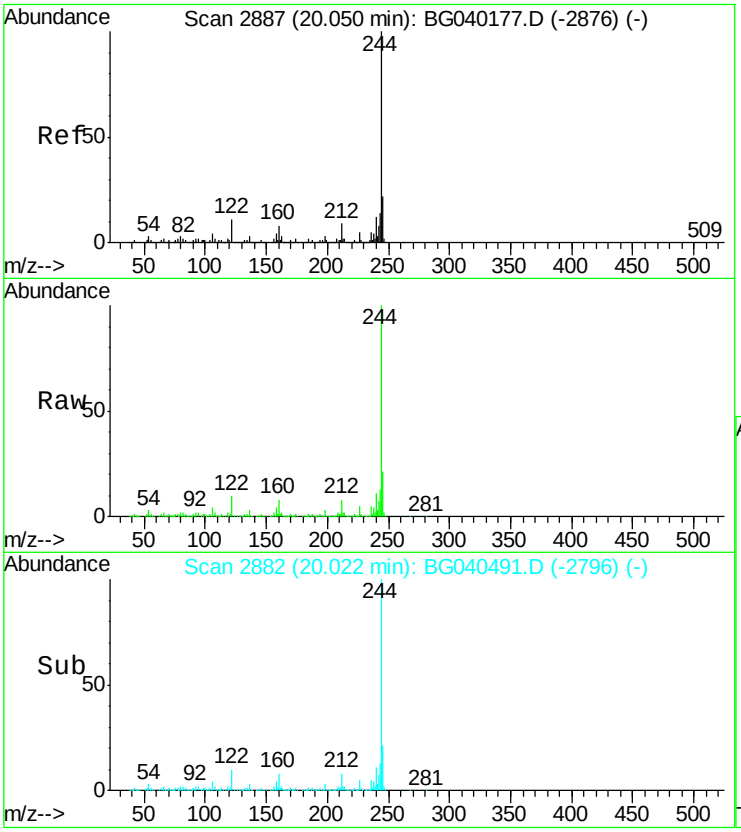


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Tgt Ion:240 Resp: 290468

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.4	12.6
236	25.1	20.8	31.2



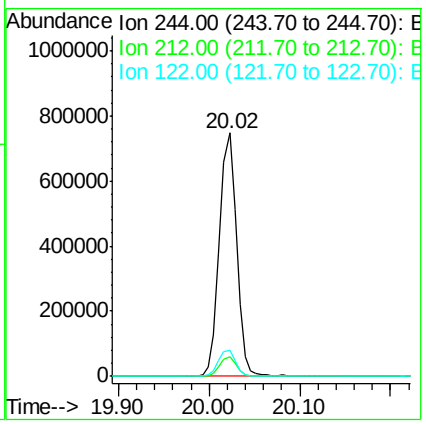


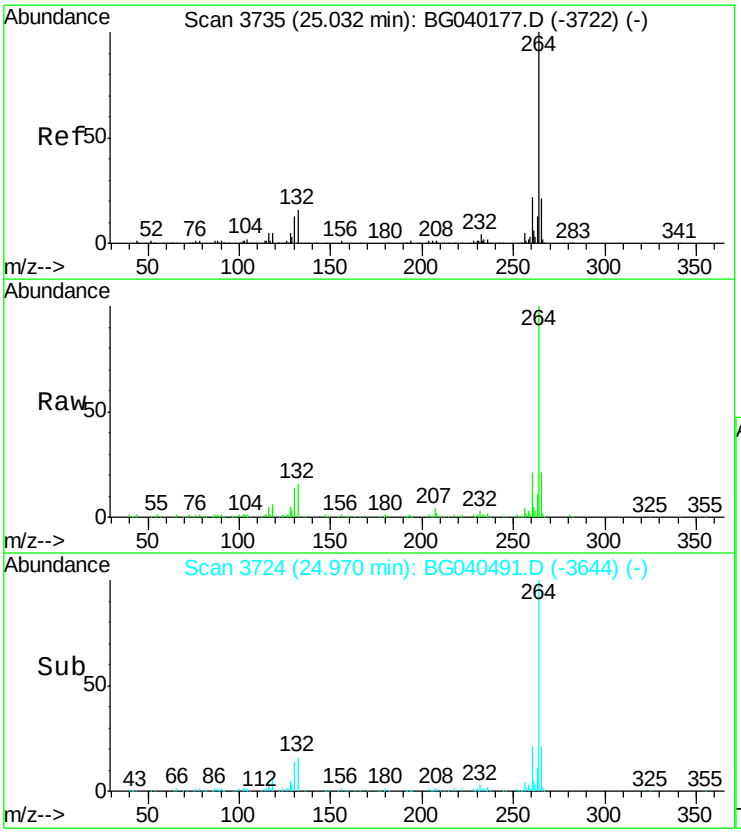
#79
Terphenyl-d14
Concen: 76.390 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 986324

Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.6
122	10.5	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040491.D
Acq: 15 Apr 2019 22:20

Tgt Ion:264 Resp: 309453

Ion	Ratio	Lower	Upper
264	100		
260	21.2	17.9	26.9
265	20.6	16.8	25.2