Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
Data File : BG041529.D
Acq On : 29 Jun 2019 2:46
Operator : HP/JU
Sample : K3507-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-07-062619-A

Quant Time: Jun 29 03:34:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18486	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	66737	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	58459	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	197920	20.00	ng	0.00
76) Chrysene-d12	21.70	240	216135	20.00	ng	0.00
87) Perylene-d12	24.99	264	224234	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	127220	122.70	ng	0.00
7) Phenol-d6	7.19	99	160263	109.80	ng	0.00
23) Nitrobenzene-d5	9.21	82	147219	92.00	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	157296	157.59	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	370905	81.42	ng	0.00
79) Terphenyl-d14	20.03	244	1066669	104.88	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.35	79	2702	2.324	ng	# 62
19) n-Nitroso-di-n-propylamine	9.21	70	21716	19.945	ng	# 72
51) 2,6-Dinitrotoluene	14.67	165	8017	7.101	ng	# 19
57) 2,4-Dinitrotoluene	14.67	165	8017	4.895	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	10815	3.999	ng	# 1
77) Benzidine	20.03	184	18204	3.796	ng	# 97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062819\
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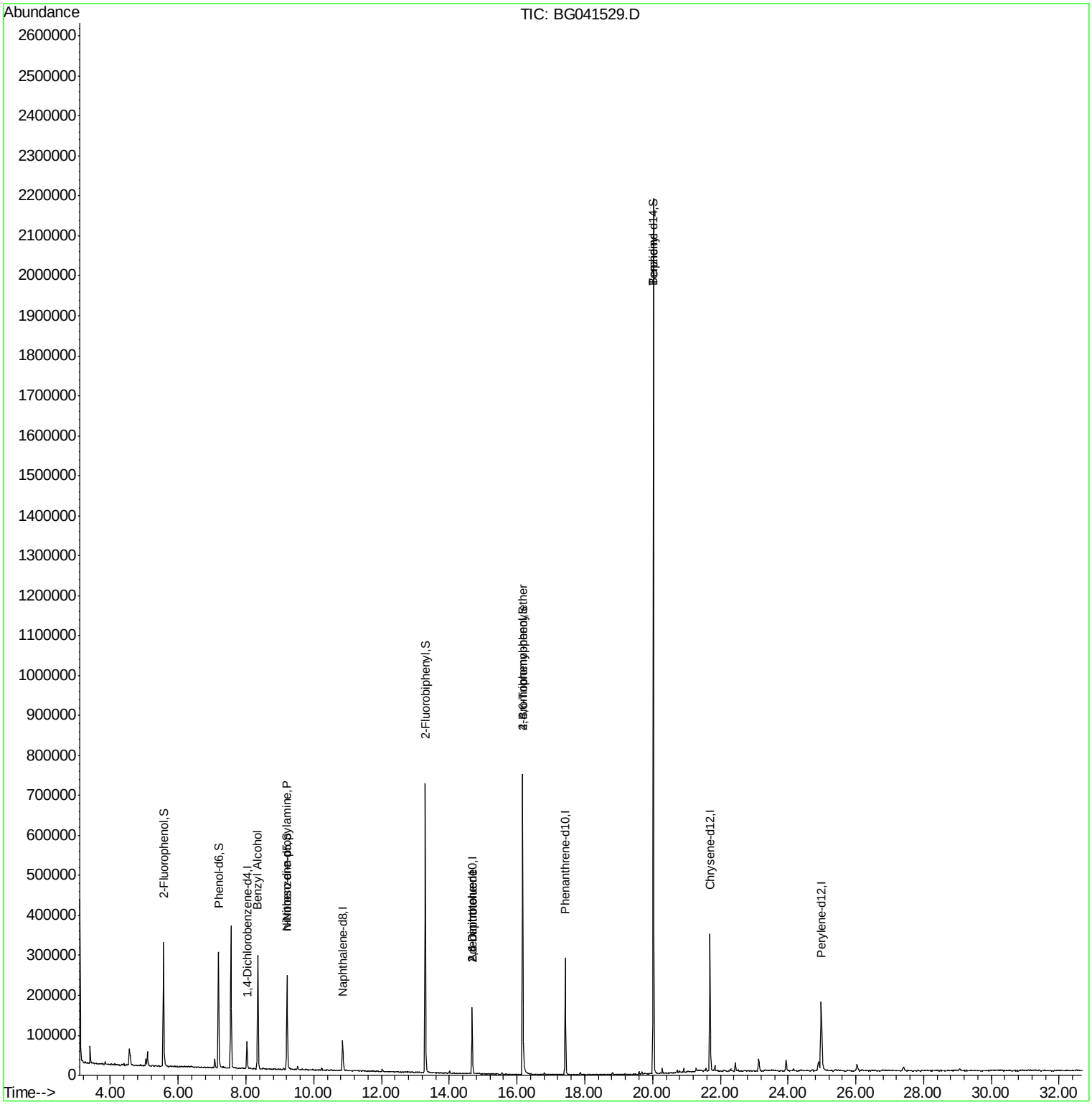
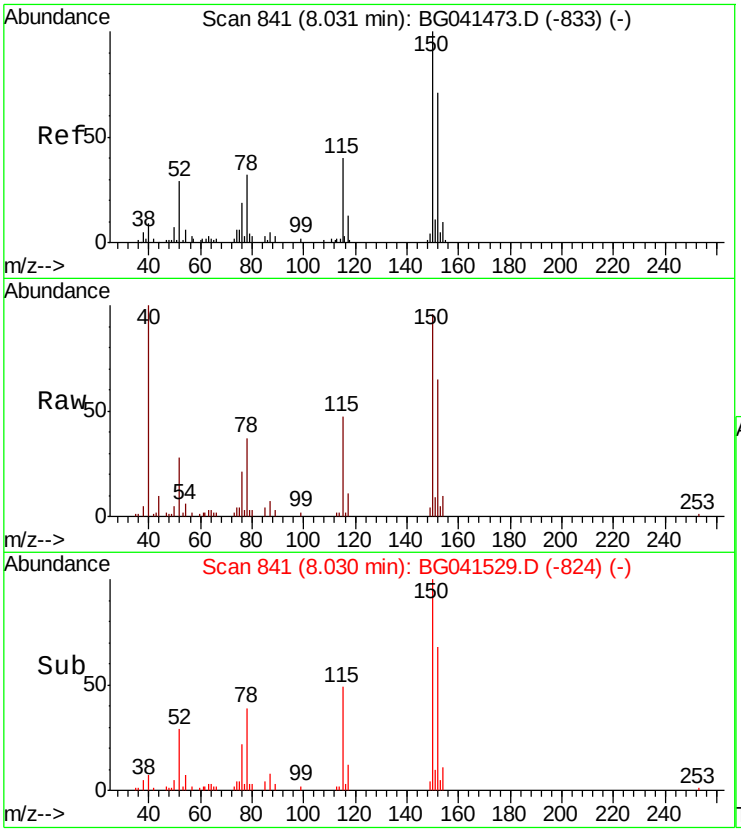


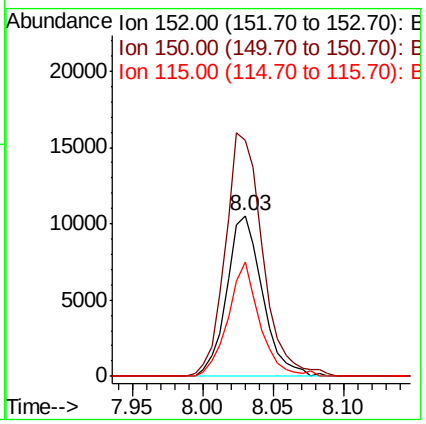


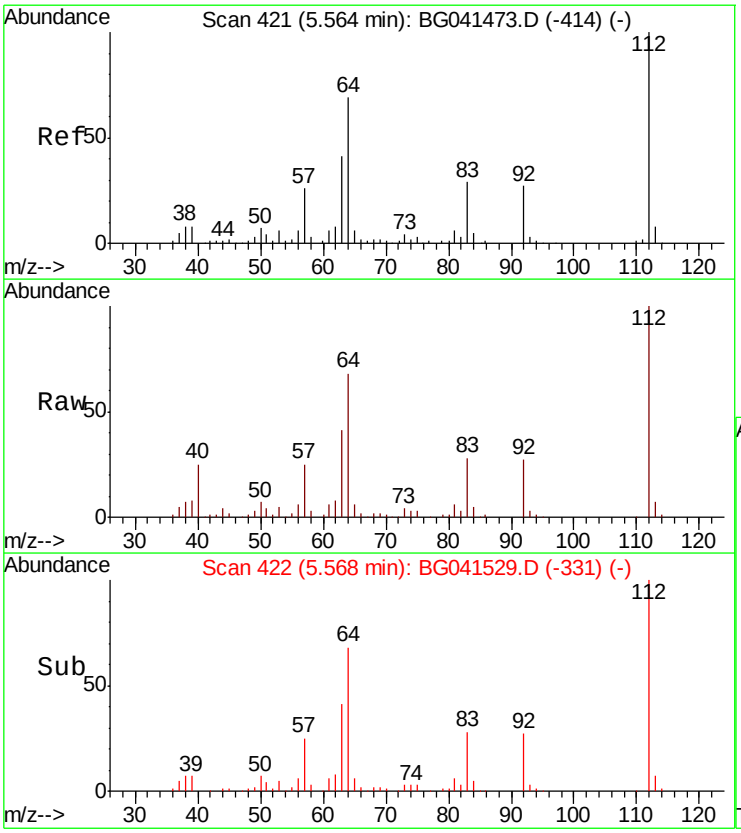
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Instrument :
BNA_G
ClientSampleId :
NB-07-062619-A

Tgt Ion:152 Resp: 18486

Ion	Ratio	Lower	Upper
152	100		
150	146.6	112.4	168.6
115	71.2	44.6	66.8#

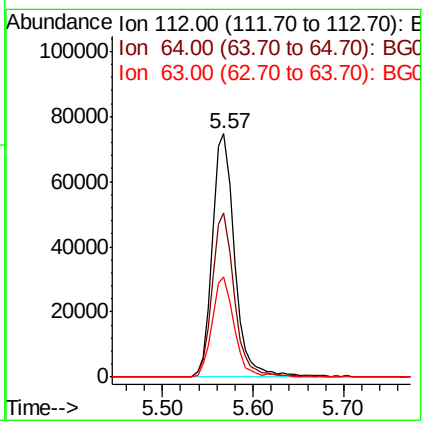


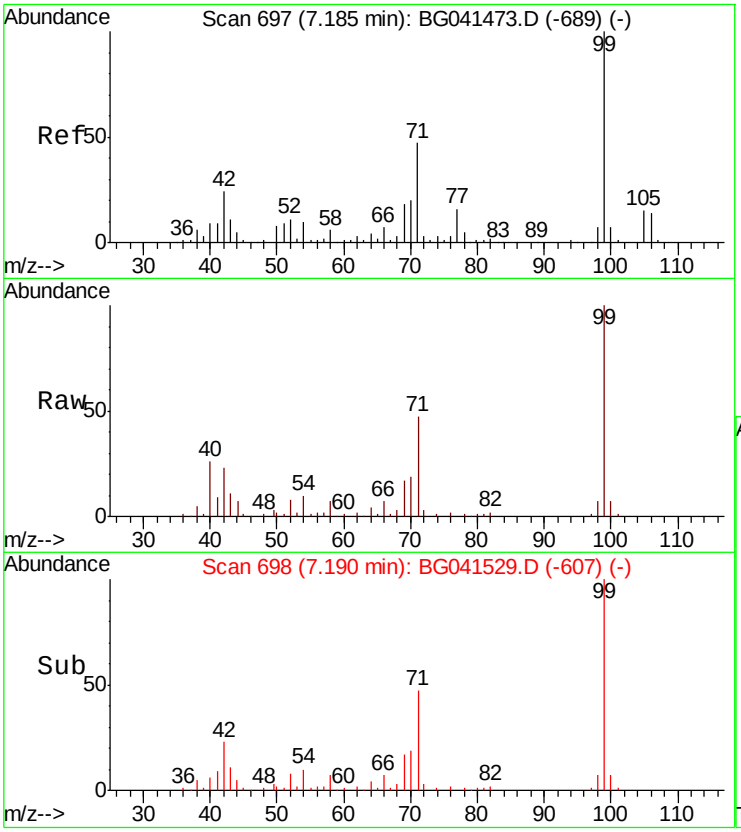


#5
2-Fluorophenol
Concen: 122.695 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Tgt Ion:112 Resp: 127220

Ion	Ratio	Lower	Upper
112	100		
64	67.7	55.1	82.7
63	41.4	32.4	48.6



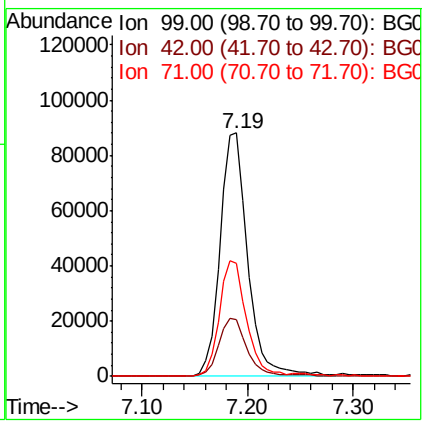


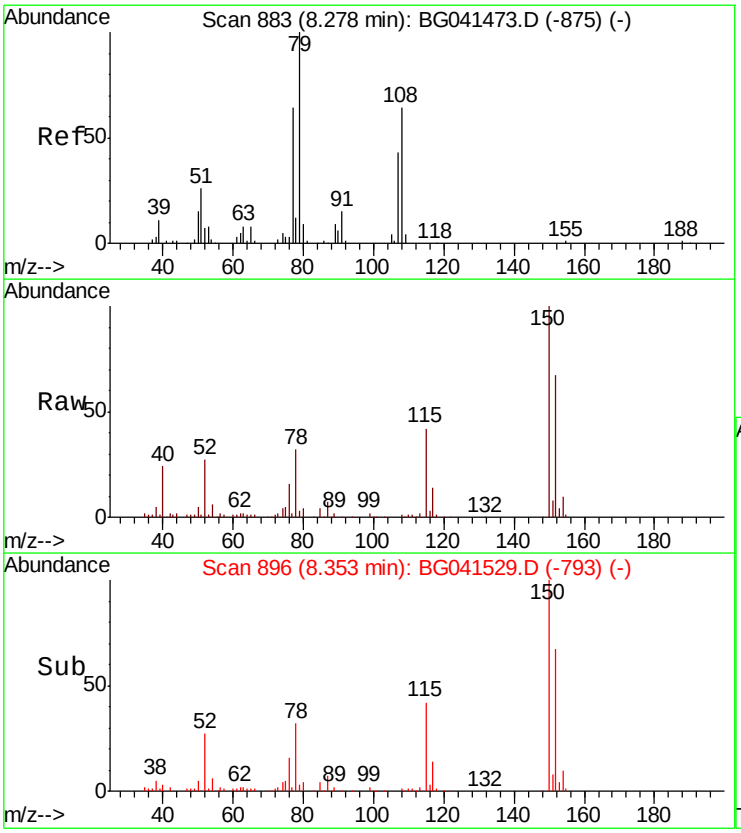
#7
Phenol-d6
Concen: 109.795 ng
RT: 7.19 min Scan# 698
Delta R.T. 0.00 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Instrument :
BNA_G
ClientSampleId :
NB-07-062619-A

Tgt Ion: 99 Resp: 160263

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.0	28.6
71	46.6	37.4	56.2

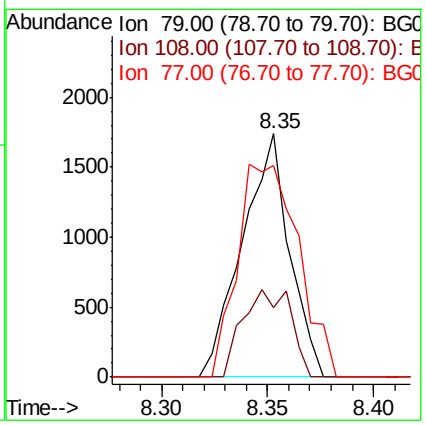


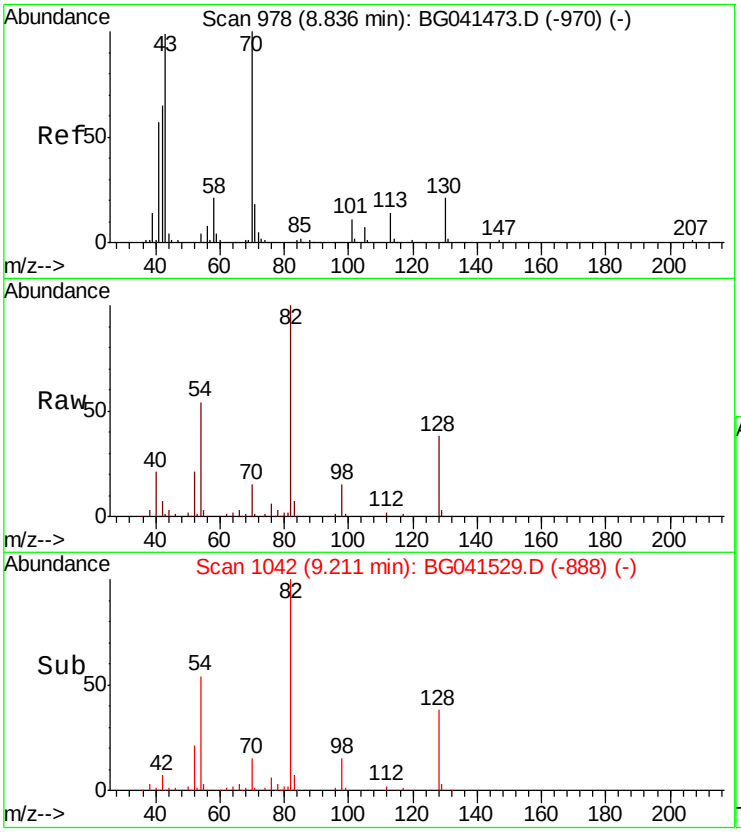


#15
Benzyl Alcohol
Concen: 2.324 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.07 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Tgt Ion: 79 Resp: 2702

Ion	Ratio	Lower	Upper
79	100		
108	28.6	51.4	77.0#
77	86.9	50.8	76.2#



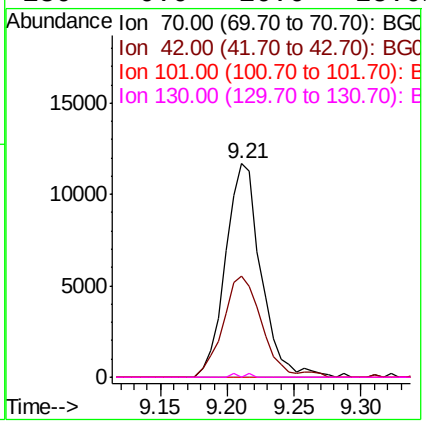


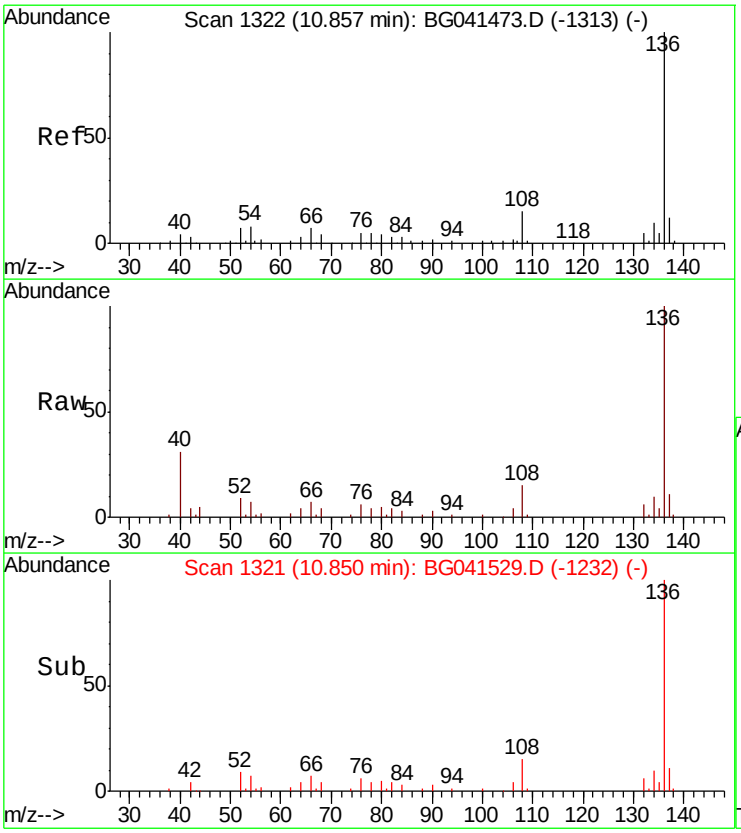
#19
n-Nitroso-di-n-propylamine
Concen: 19.945 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Instrument :
BNA_G
ClientSampleId :
NB-07-062619-A

Tgt Ion: 70 Resp: 21716

Ion	Ratio	Lower	Upper
70	100		
42	47.3	52.6	78.8#
101	0.0	8.6	13.0#
130	0.0	16.6	25.0#

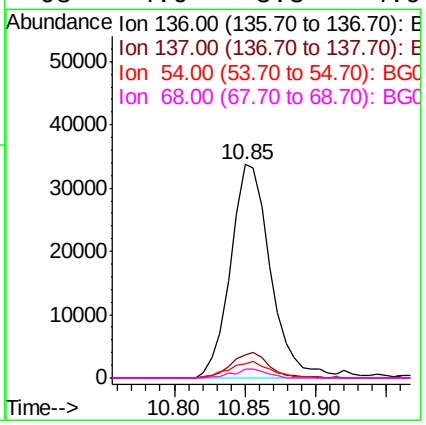


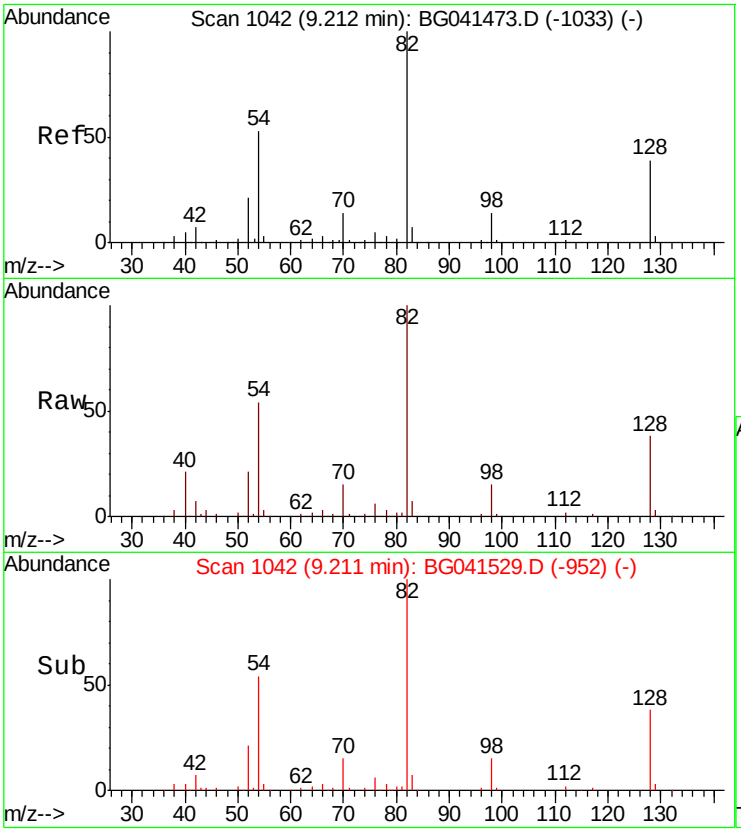


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Tgt Ion:136 Resp: 66737

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.3	13.9
54	6.9	7.1	10.7#
68	4.0	3.3	4.9



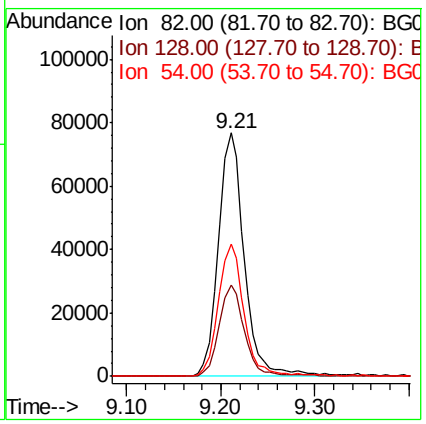


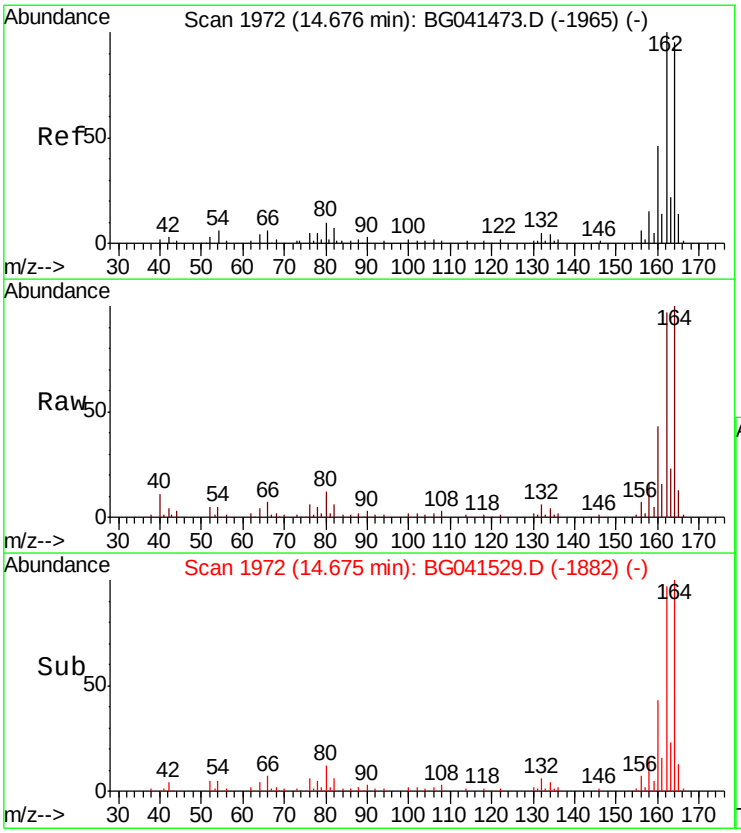
#23
Nitrobenzene-d5
Concen: 92.004 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Instrument :
BNA_G
ClientSampleId :
NB-07-062619-A

Tgt Ion: 82 Resp: 147219

Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.9	46.3
54	54.2	42.2	63.2

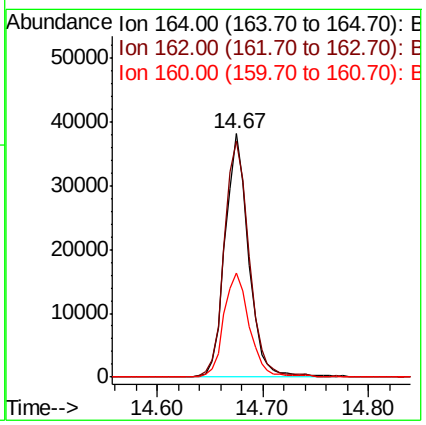


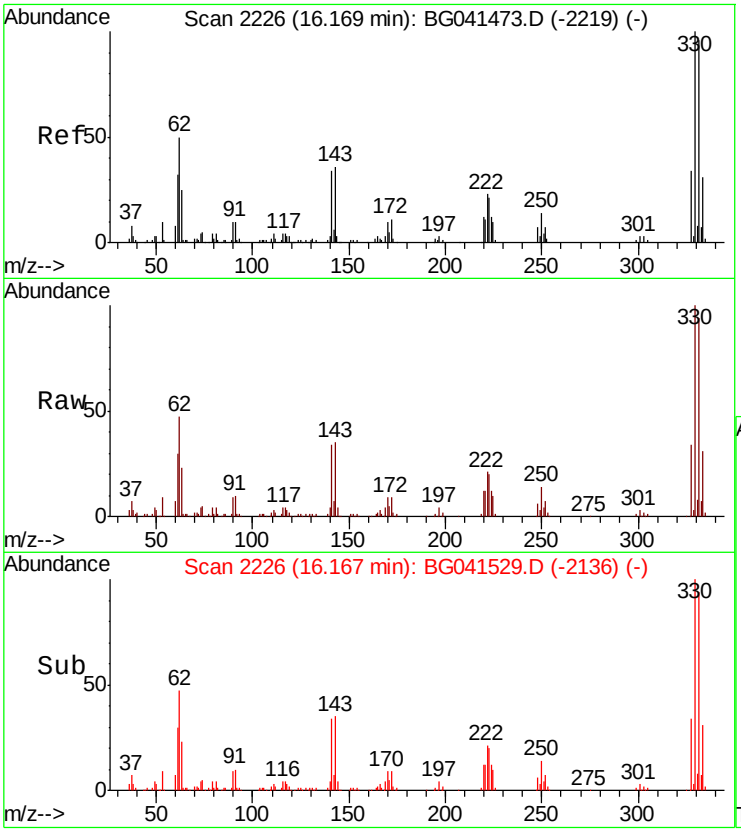


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Tgt Ion:164 Resp: 58459

Ion	Ratio	Lower	Upper
164	100		
162	96.9	84.4	126.6
160	42.9	38.8	58.2



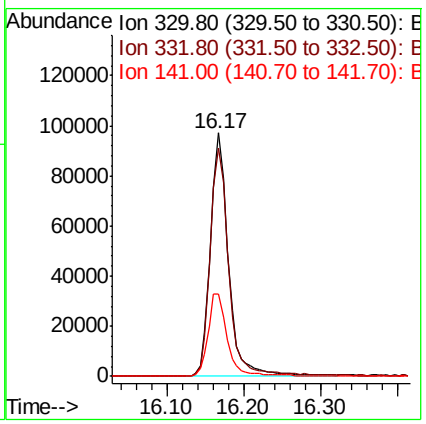


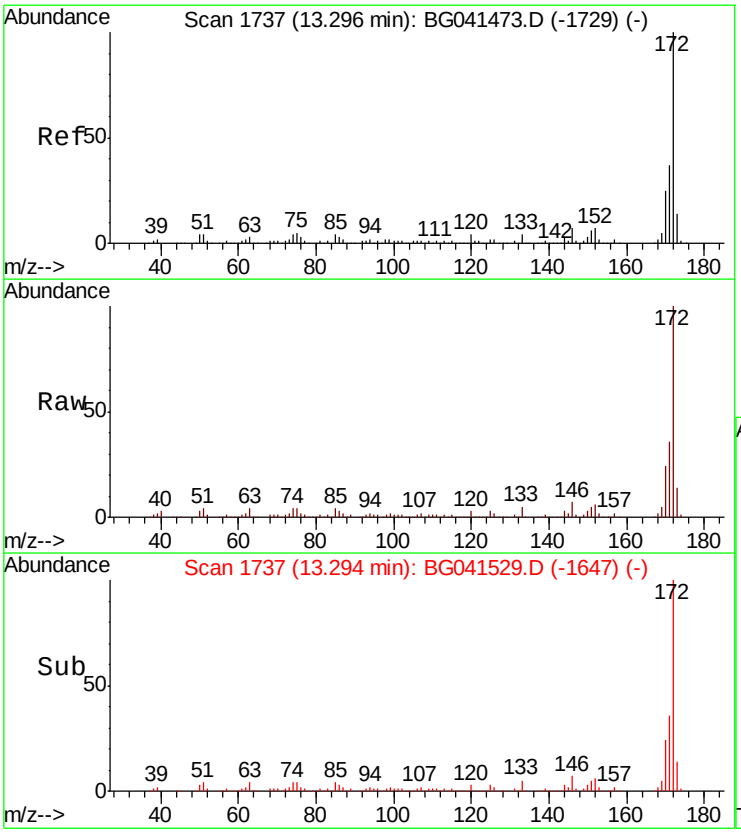
#42
2,4,6-Tribromophenol
Concen: 157.588 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Instrument :
BNA_G
ClientSampleId :
NB-07-062619-A

Tgt Ion:330 Resp: 157296

Ion	Ratio	Lower	Upper
330	100		
332	95.6	75.5	113.3
141	35.2	27.8	41.6

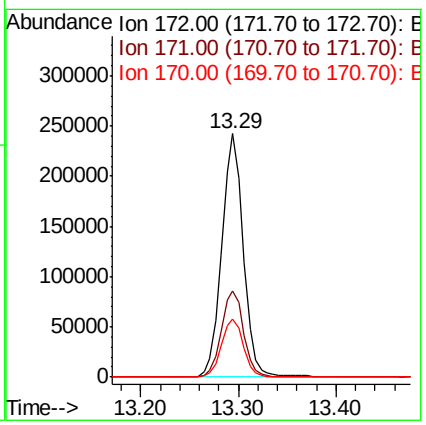


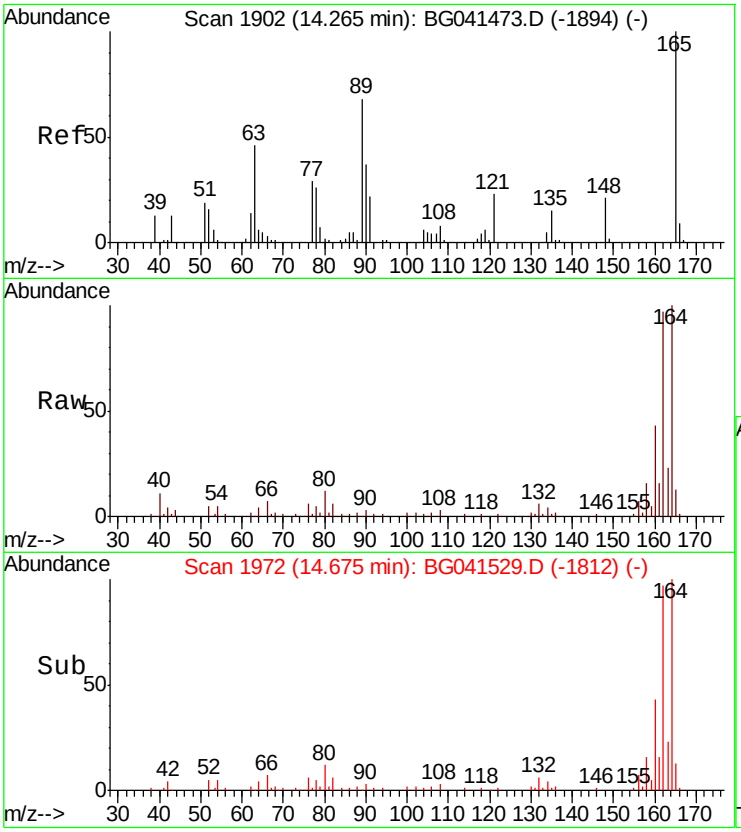


#45
2-Fluorobiphenyl
Concen: 81.419 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Tgt Ion:172 Resp: 370905

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.6	20.0	30.0



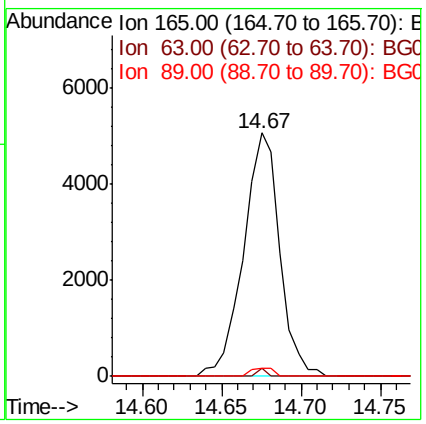


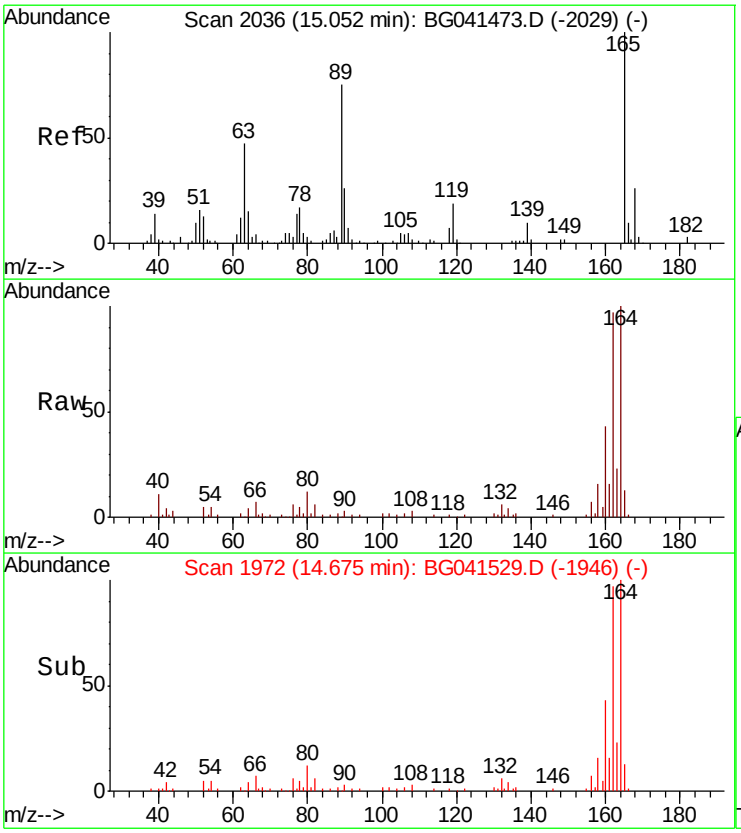
#51
2,6-Dinitrotoluene
Concen: 7.101 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.41 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Instrument :
BNA_G
ClientSampleId :
NB-07-062619-A

Tgt Ion:165 Resp: 8017

Ion	Ratio	Lower	Upper
165	100		
63	3.4	56.4	84.6#
89	3.2	54.6	81.8#

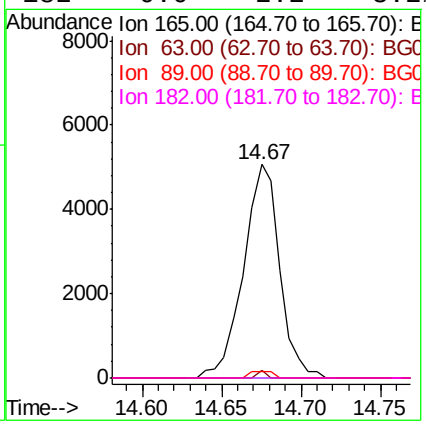


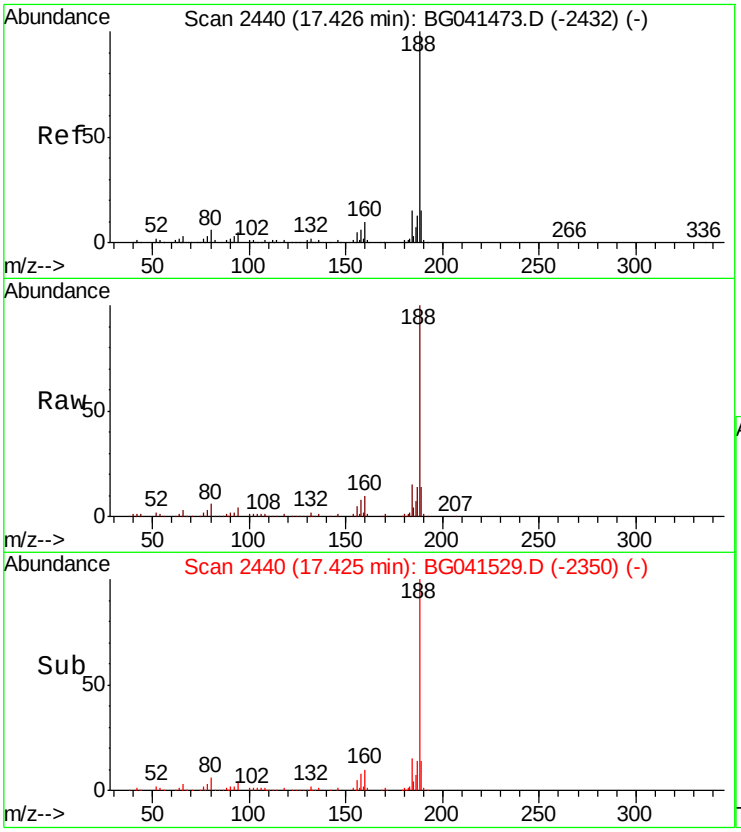


#57
2,4-Dinitrotoluene
Concen: 4.895 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.38 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Tgt Ion:165 Resp: 8017

Ion	Ratio	Lower	Upper
165	100		
63	3.4	38.8	58.2#
89	3.2	60.1	90.1#
182	0.0	2.2	3.2#



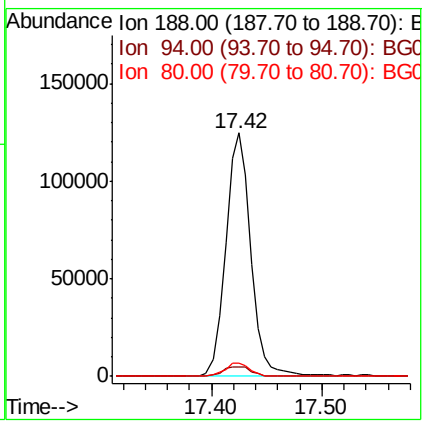


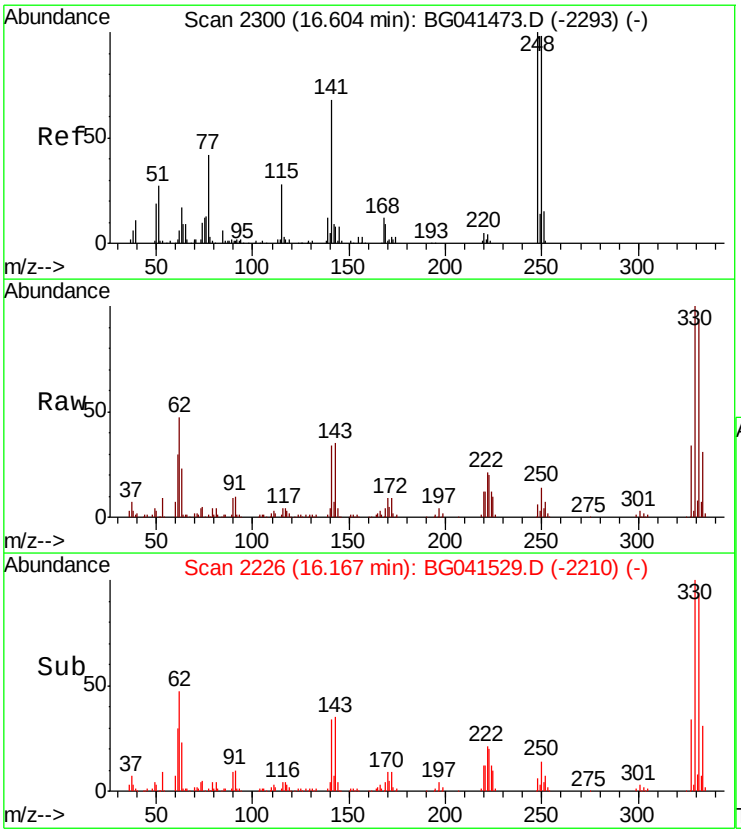
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Instrument :
BNA_G
ClientSampleId :
NB-07-062619-A

Tgt Ion:188 Resp: 197920

Ion	Ratio	Lower	Upper
188	100		
94	3.9	3.8	5.8
80	5.6	4.8	7.2

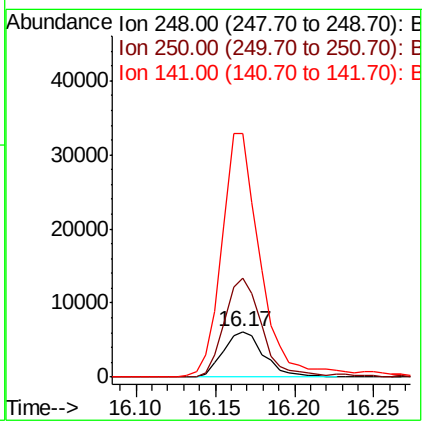


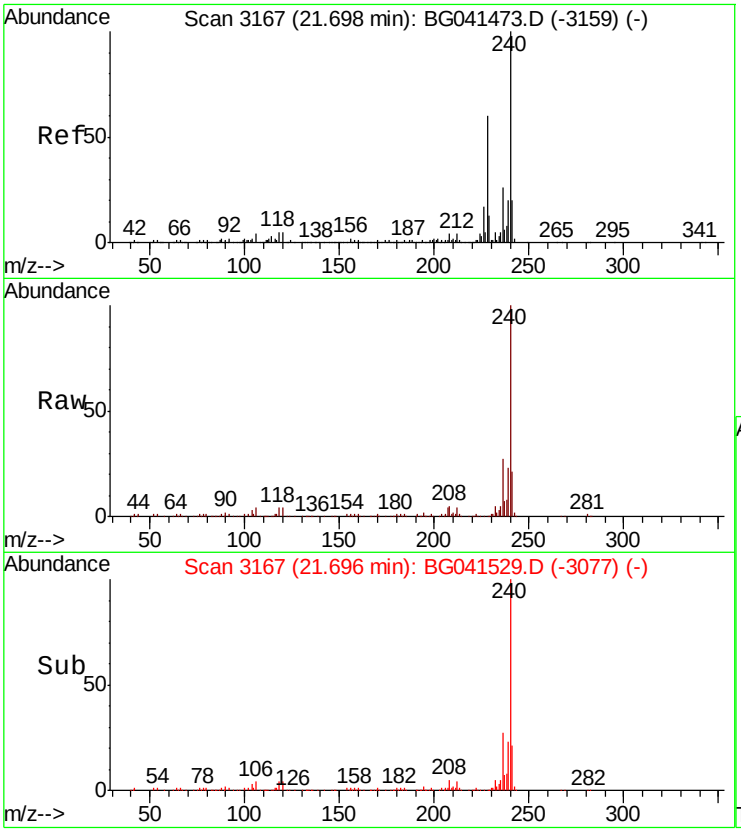


#67
4-Bromophenyl-phenylether
Concen: 3.999 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.44 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Tgt Ion:248 Resp: 10815

Ion	Ratio	Lower	Upper
248	100		
250	217.2	78.1	117.1#
141	530.8	54.1	81.1#



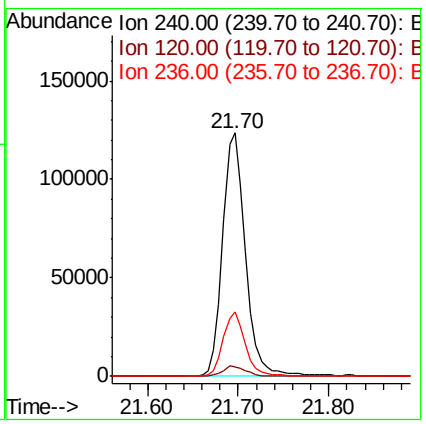


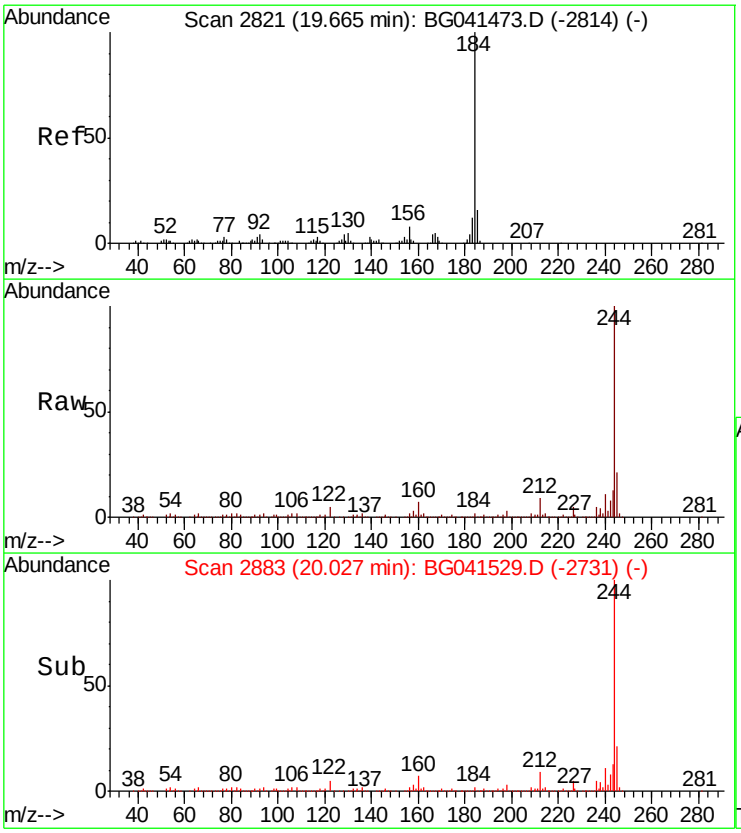
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Instrument :
BNA_G
ClientSampleId :
NB-07-062619-A

Tgt Ion:240 Resp: 216135

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.7	5.5
236	26.7	20.8	31.2

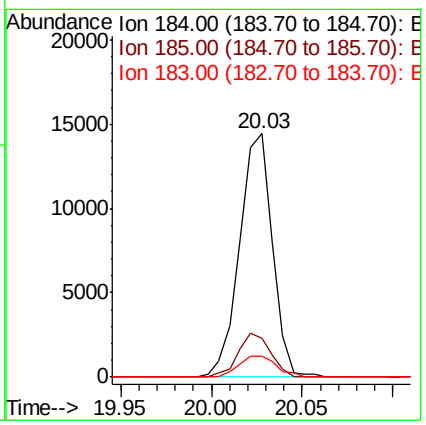


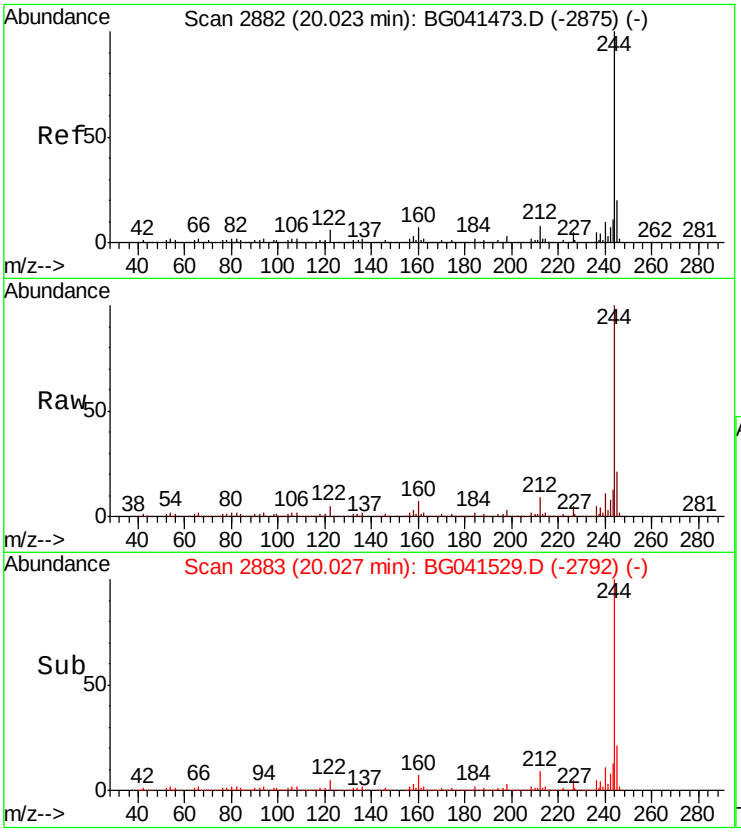


#77
Benzidine
Concen: 3.796 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.36 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Tgt Ion:184 Resp: 18204

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.7	19.1
183	8.8	9.4	14.2#



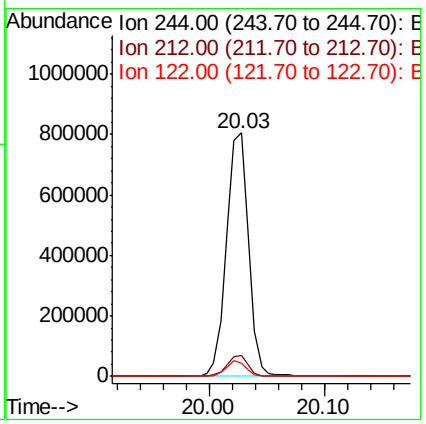


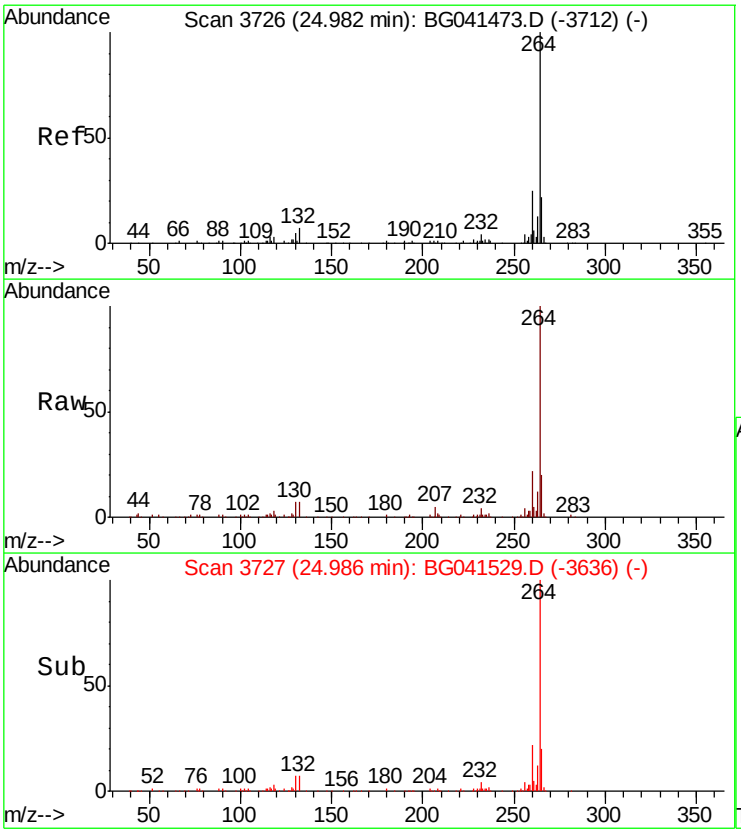
#79
Terphenyl-d14
Concen: 104.877 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Instrument :
BNA_G
ClientSampleId :
NB-07-062619-A

Tgt Ion:244 Resp: 1066669

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.2	9.4
122	5.3	4.8	7.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. 0.00 min
Lab File: BG041529.D
Acq: 29 Jun 2019 2:46

Tgt Ion:264 Resp: 224234

Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.7	29.5
265	19.8	17.4	26.2