Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062019\
Data File : BG041365.D
Acq On : 20 Jun 2019 20:16
Operator : HP/JU
Sample : K3455-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 21 01:34:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37628	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	145522	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	101234	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	236190	20.00	ng		0.00
76) Chrysene-d12	21.74	240	217204	20.00	ng		0.00
87) Perylene-d12	25.07	264	154400	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	183241	89.48	ng		0.00
7) Phenol-d6	7.24	99	273901	92.27	ng		0.00
23) Nitrobenzene-d5	9.26	82	199679	57.71	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	135292	87.05	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	464838	62.41	ng		0.00
79) Terphenyl-d14	20.06	244	706636	64.47	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	28467	11.857	ng	#	79
50) Dimethylphthalate	14.16	163	60880	6.759	ng		97
54) 2,4-Dinitrophenol	14.94	184	58	4.886	ng	#	13
56) 4-Nitrophenol	15.12	139	85	3.273	ng	#	1
57) 2,4-Dinitrotoluene	14.72	165	12903	4.648	ng	#	19
67) 4-Bromophenyl-phenylether	16.21	248	10149	3.323	ng	#	1
75) Fluoranthene	19.52	202	43081	2.574	ng		97
78) Pyrene	19.87	202	35014	2.390	ng		97

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

Quantitation Report (Not Reviewed)

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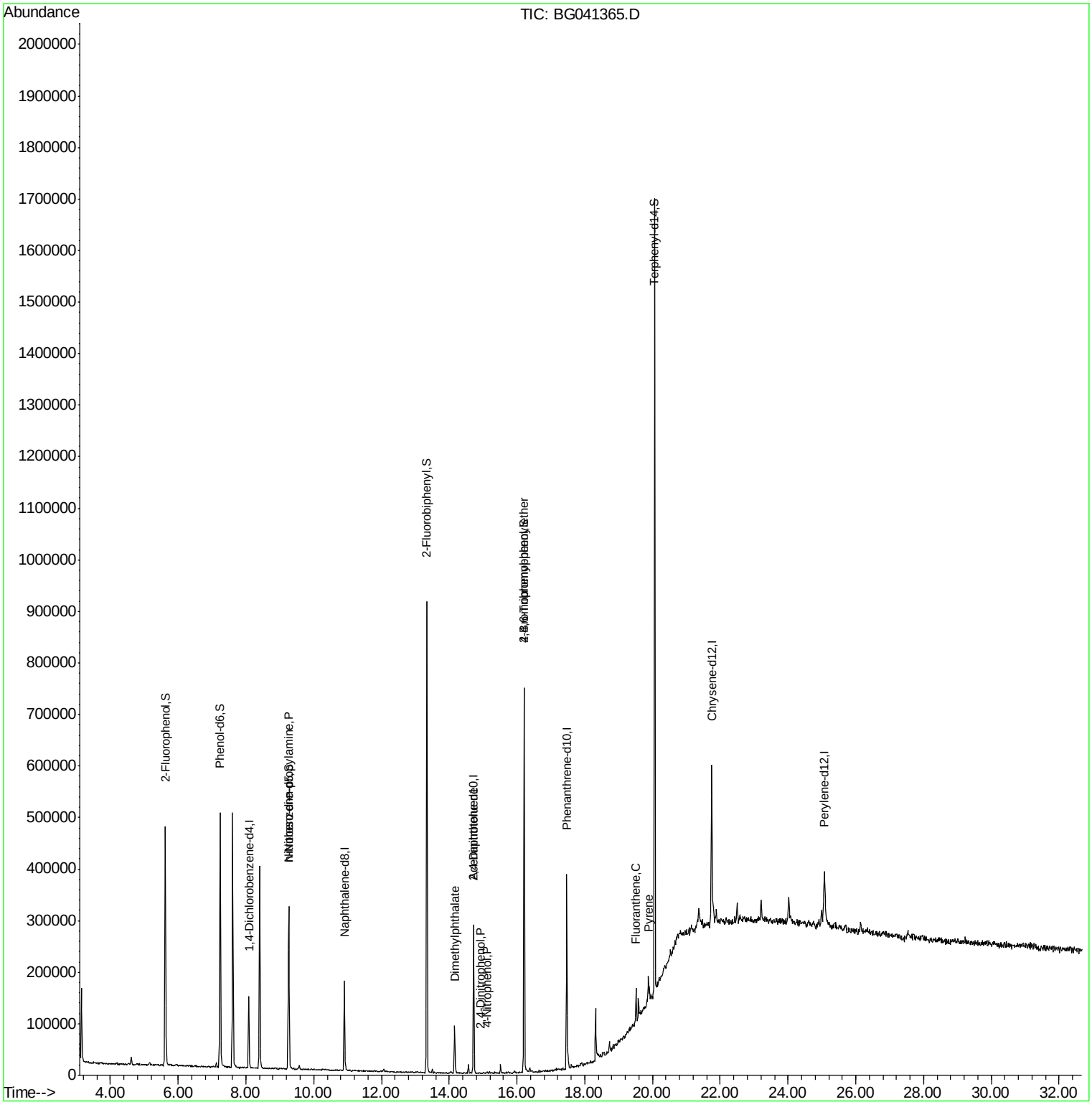
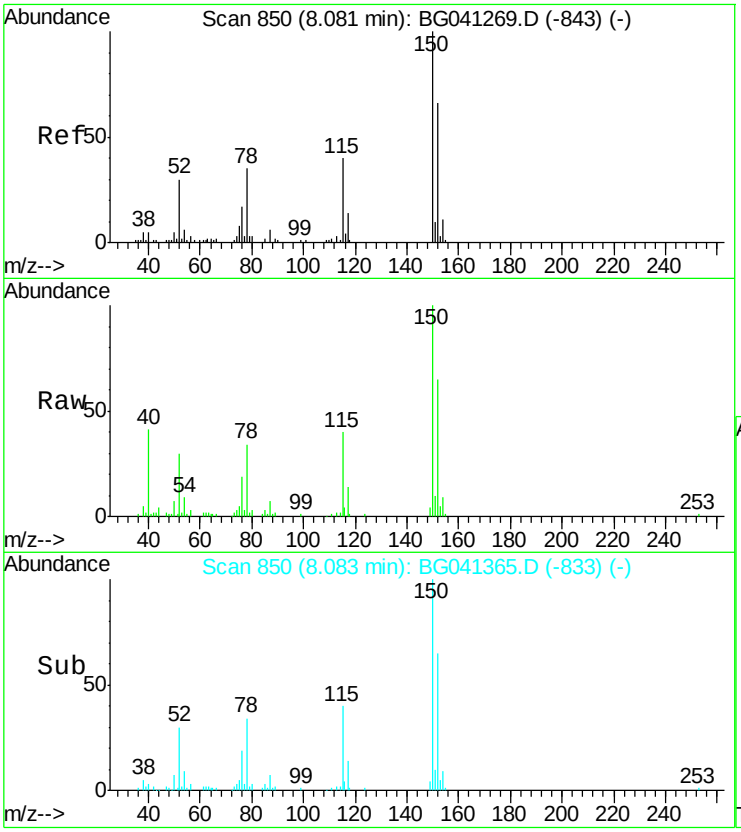


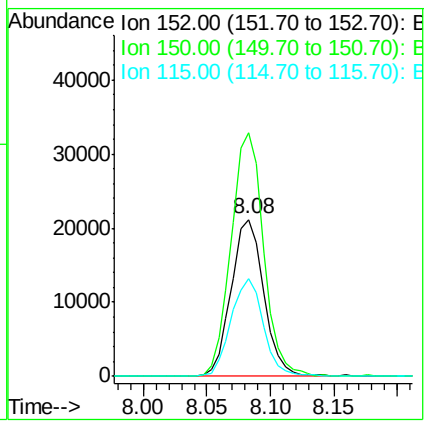


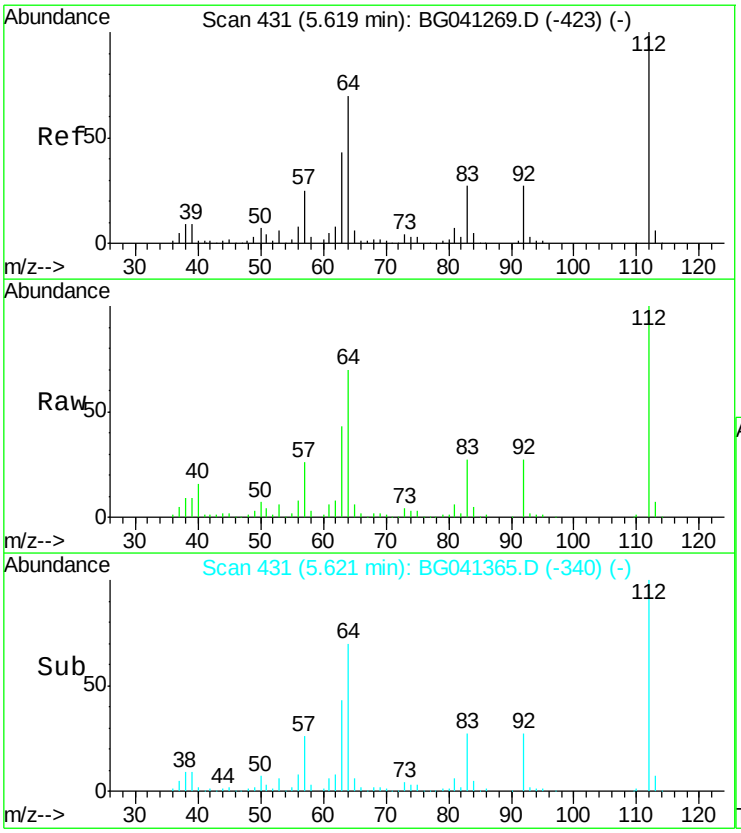
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 37628

Ion	Ratio	Lower	Upper
152	100		
150	155.0	120.6	181.0
115	61.8	47.9	71.9

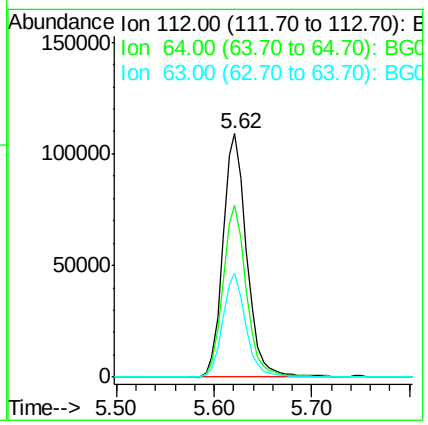


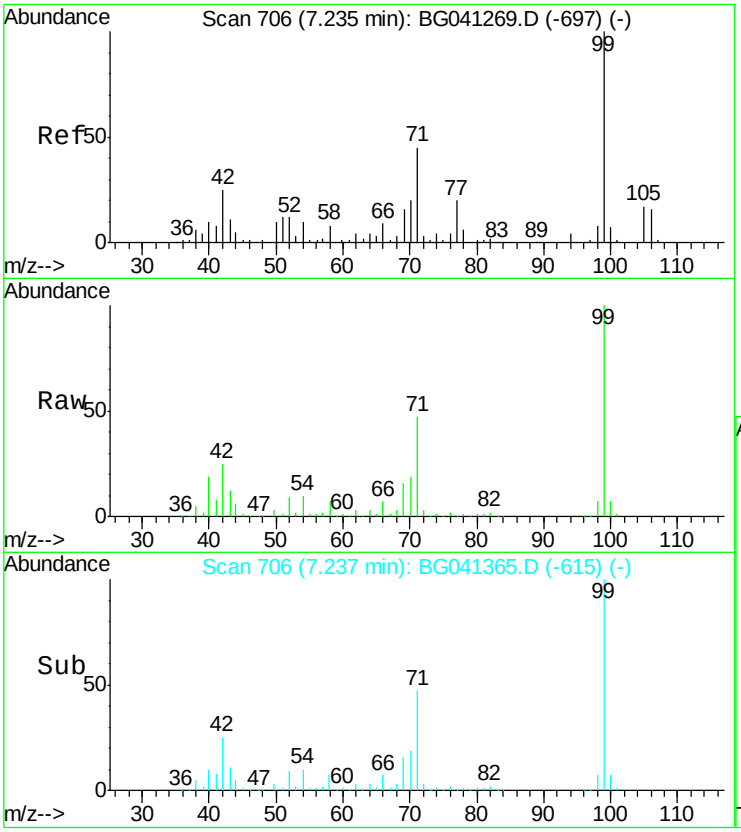


#5
2-Fluorophenol
Concen: 89.479 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Tgt Ion:112 Resp: 183241

Ion	Ratio	Lower	Upper
112	100		
64	70.4	55.9	83.9
63	42.6	34.6	51.8



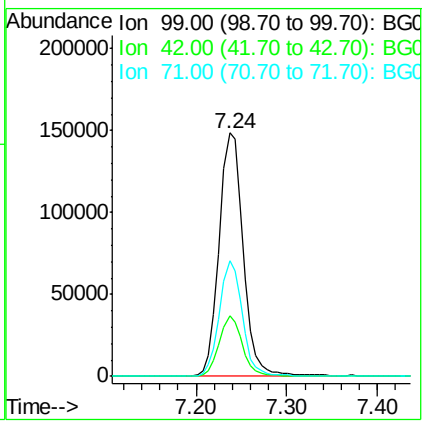


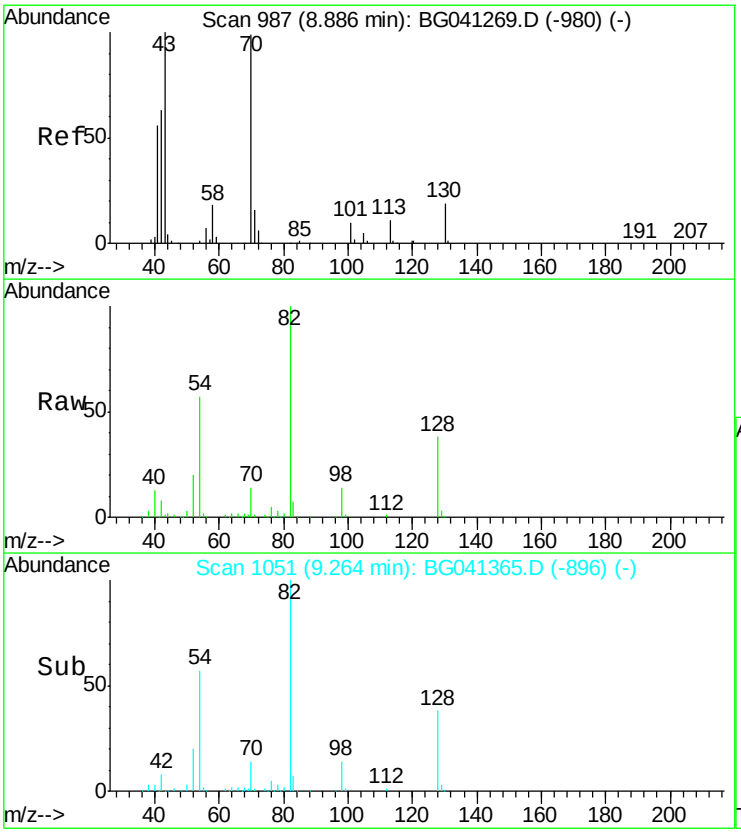
#7
Phenol-d6
Concen: 92.272 ng
RT: 7.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 273901

Ion	Ratio	Lower	Upper
99	100		
42	24.6	19.9	29.9
71	47.3	36.4	54.6

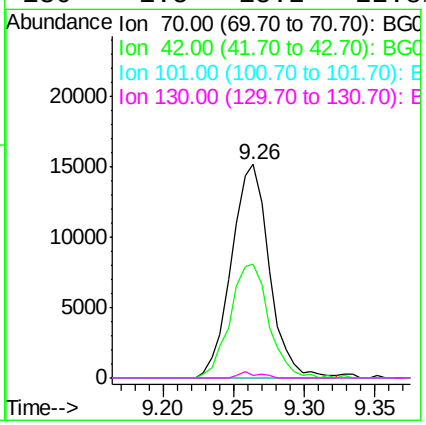


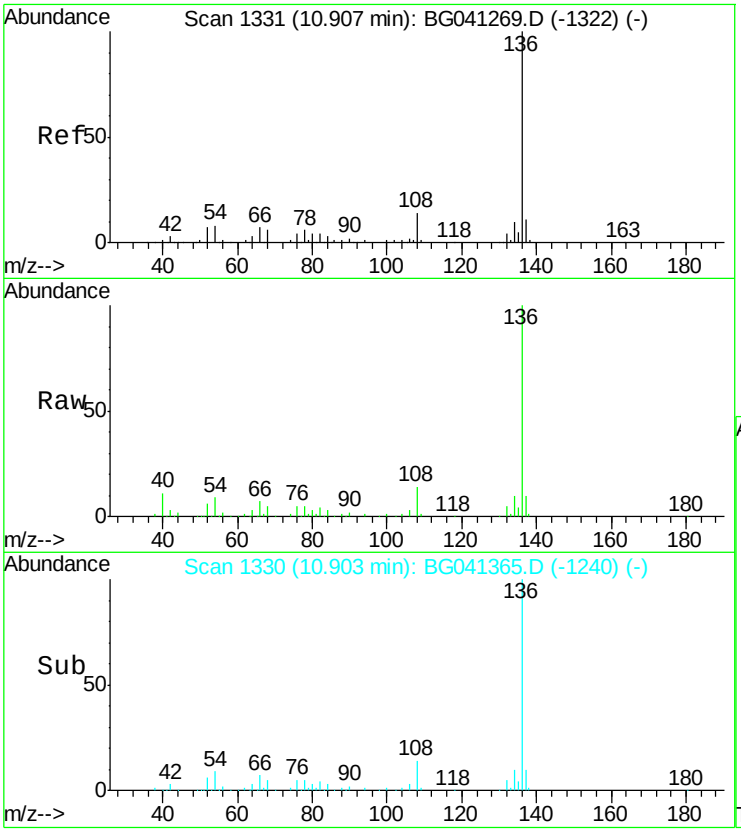


#19
n-Nitroso-di-n-propylamine
Concen: 11.857 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.38 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Tgt Ion: 70 Resp: 28467

Ion	Ratio	Lower	Upper
70	100		
42	53.3	51.4	77.2
101	0.0	8.2	12.2#
130	1.5	15.2	22.8#



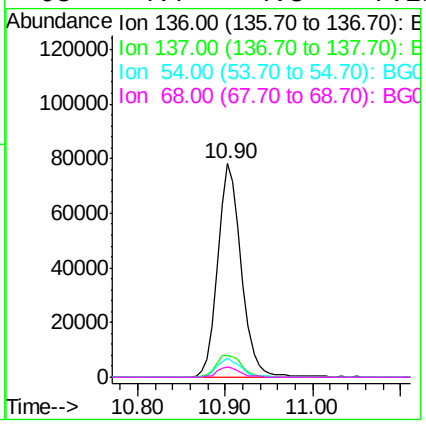


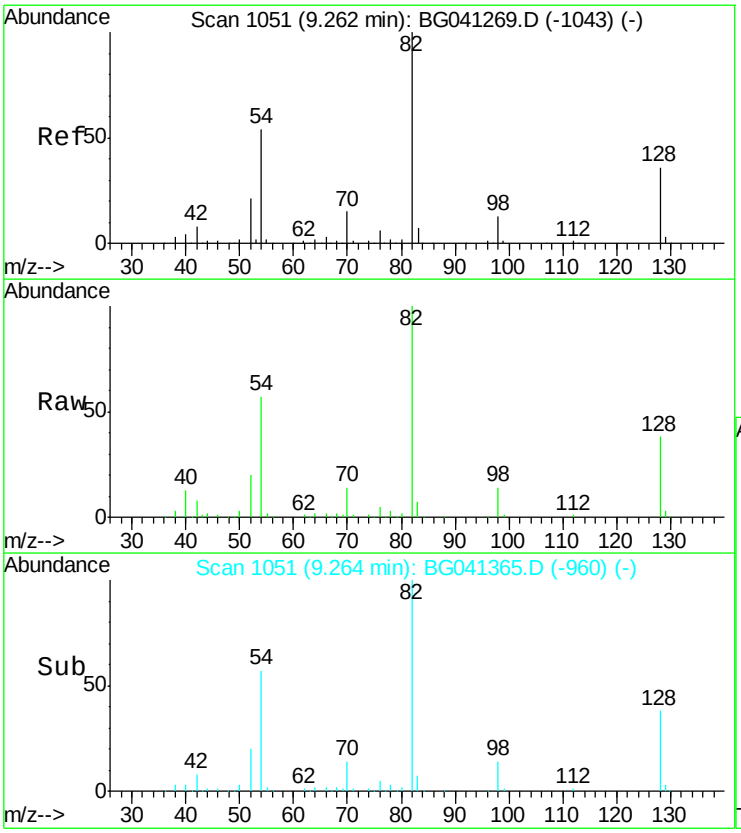
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 145522

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	8.9	6.4	9.6
68	4.7	4.8	7.2#

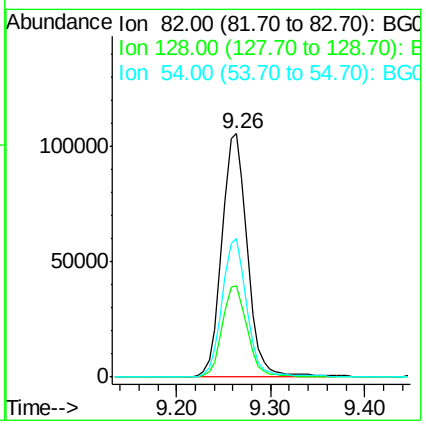


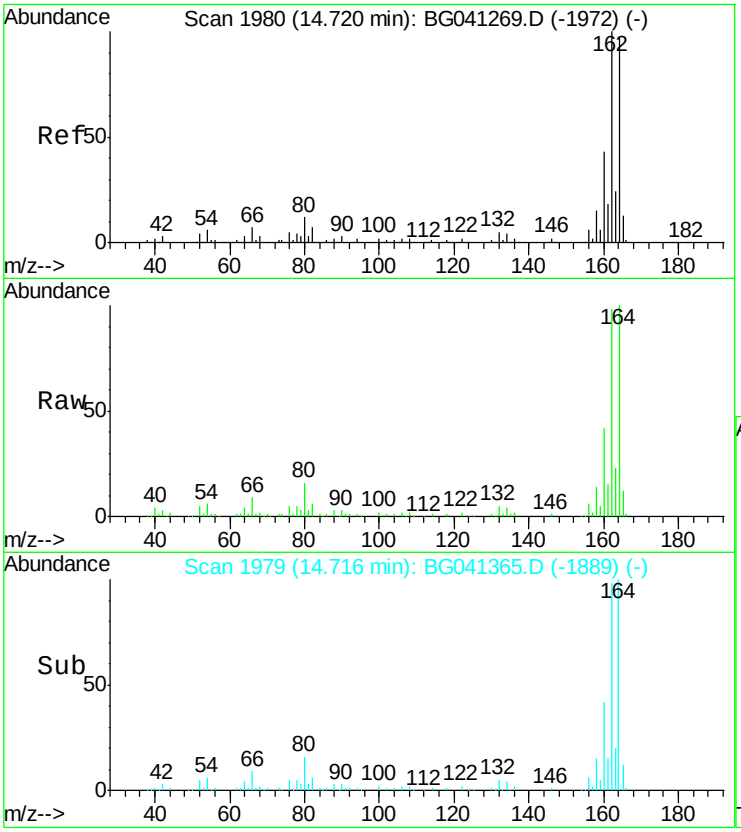


#23
Nitrobenzene-d5
Concen: 57.708 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Tgt Ion: 82 Resp: 199679

Ion	Ratio	Lower	Upper
82	100		
128	37.7	29.2	43.8
54	57.1	43.4	65.0



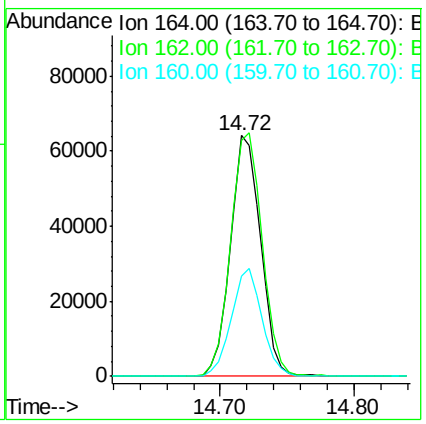


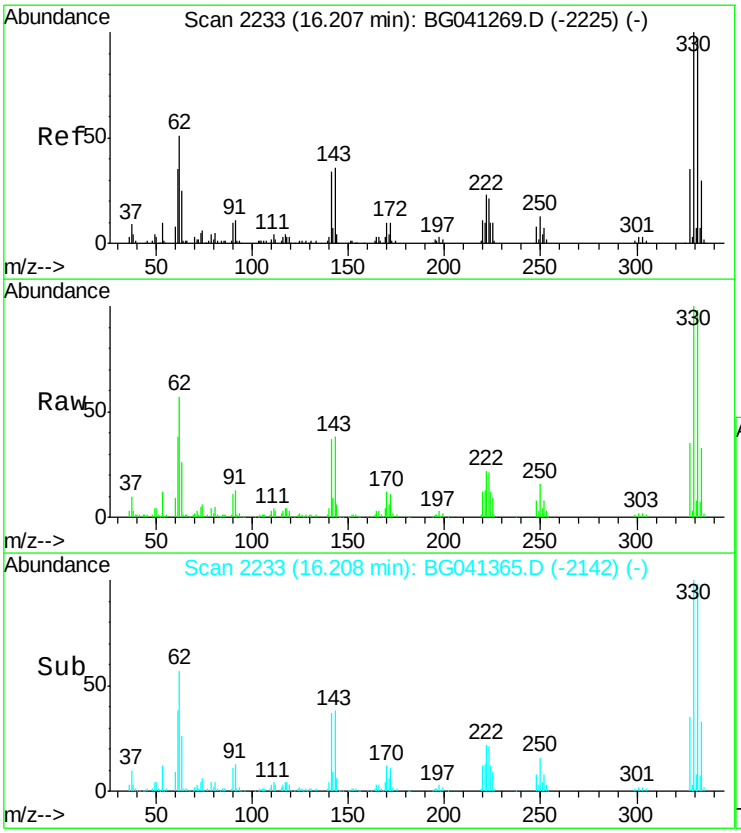
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 101234

Ion	Ratio	Lower	Upper
164	100		
162	98.1	82.8	124.2
160	41.7	35.8	53.8

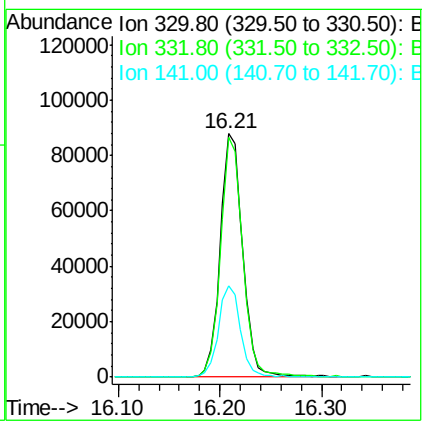


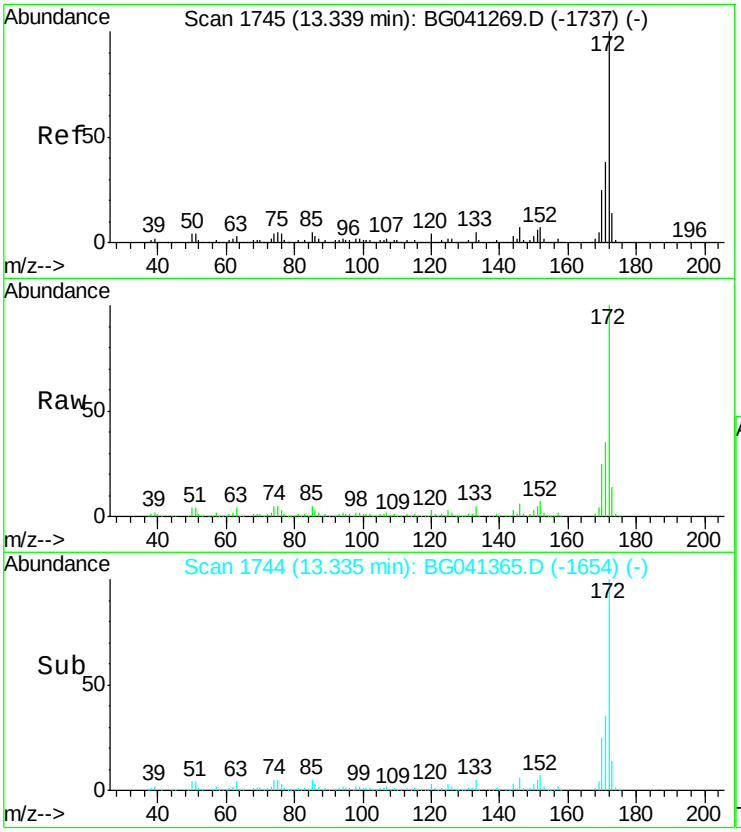


#42
2,4,6-Tribromophenol
Concen: 87.051 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Tgt Ion:330 Resp: 135292

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.5	113.3
141	36.9	29.0	43.4



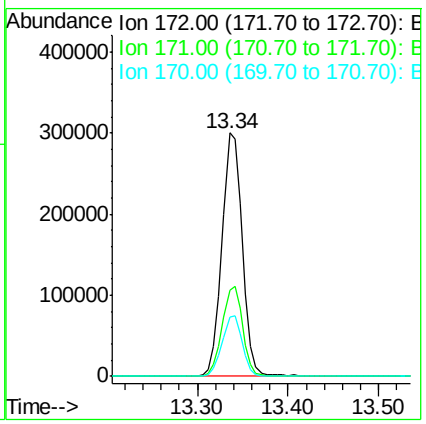


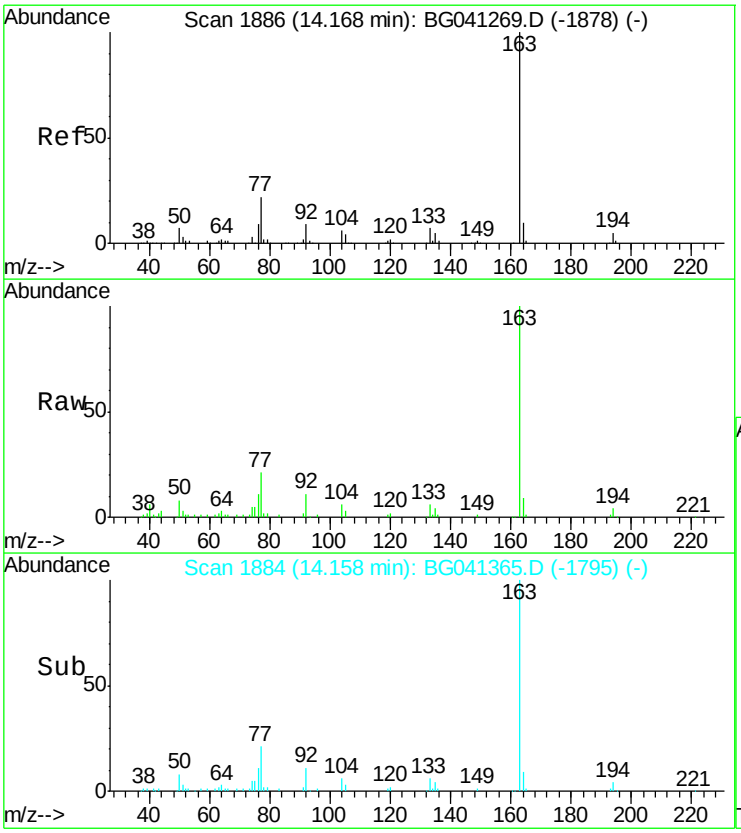
#45
2-Fluorobiphenyl
Concen: 62.409 ng
RT: 13.34 min Scan# 1744
Delta R.T. -0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 464838

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	24.6	19.8	29.6

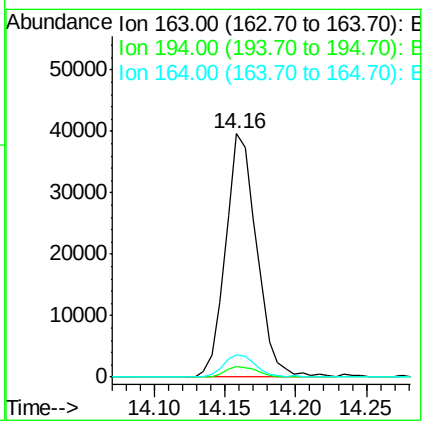


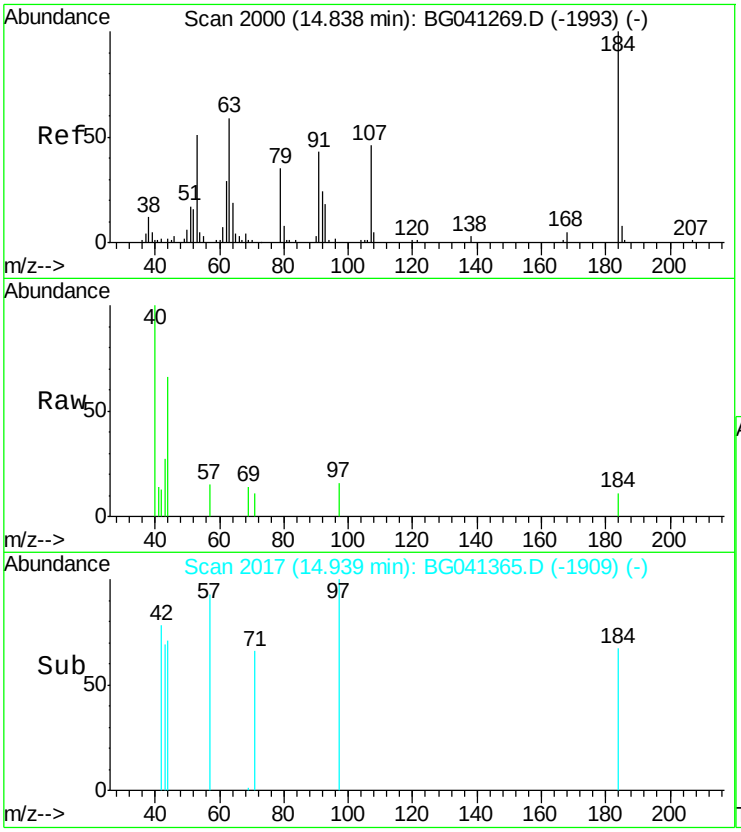


#50
Dimethylphthalate
Concen: 6.759 ng
RT: 14.16 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Tgt Ion:163 Resp: 60880

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	9.1	8.3	12.5



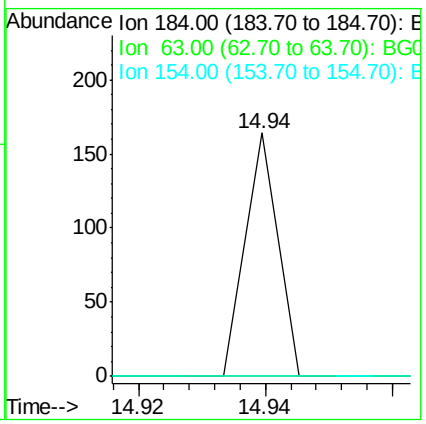


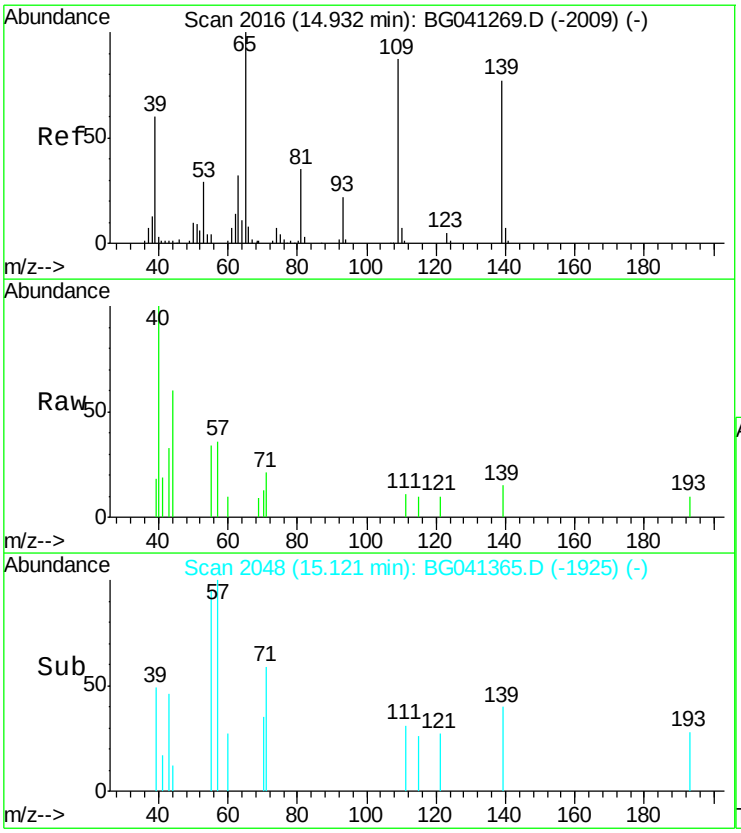
#54
2,4-Dinitrophenol
Concen: 4.886 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.10 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 58

Ion	Ratio	Lower	Upper
184	100		
63	0.0	60.0	90.0#
154	0.0	58.3	87.5#

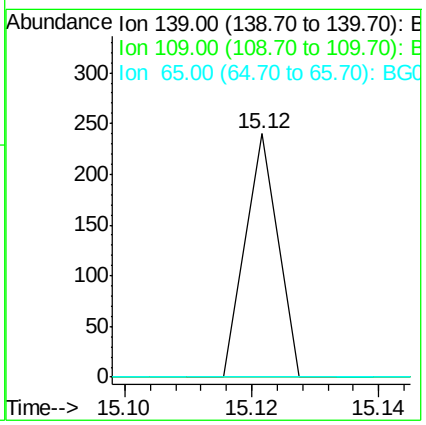


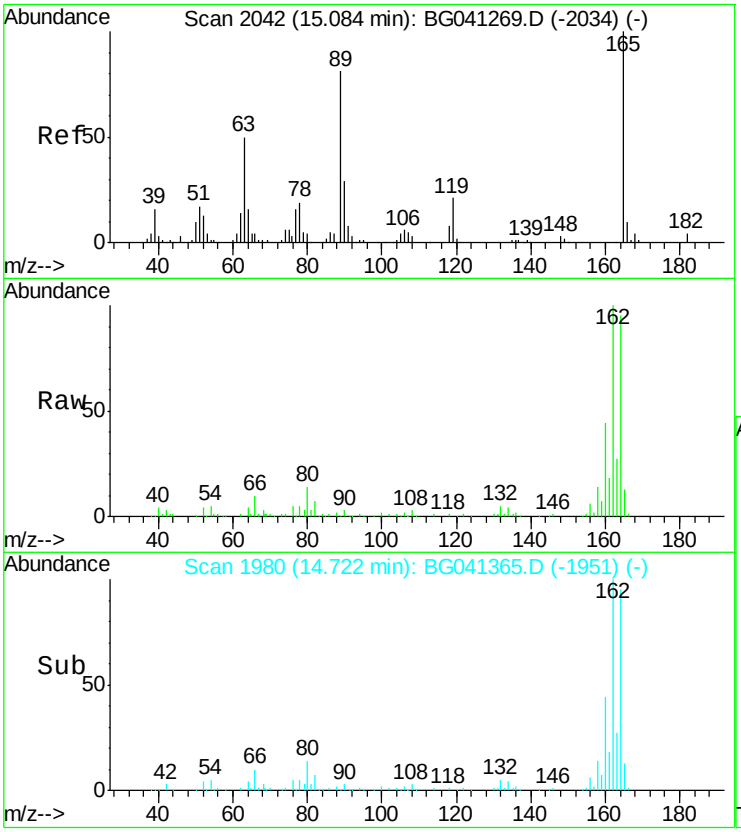


#56
4-Nitrophenol
Concen: 3.273 ng
RT: 15.12 min Scan# 2048
Delta R.T. 0.19 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Tgt Ion:139 Resp: 85

Ion	Ratio	Lower	Upper
139	100		
109	0.0	93.2	133.2#
65	0.0	110.2	150.2#



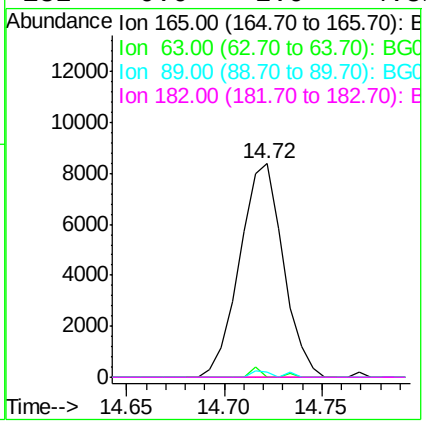


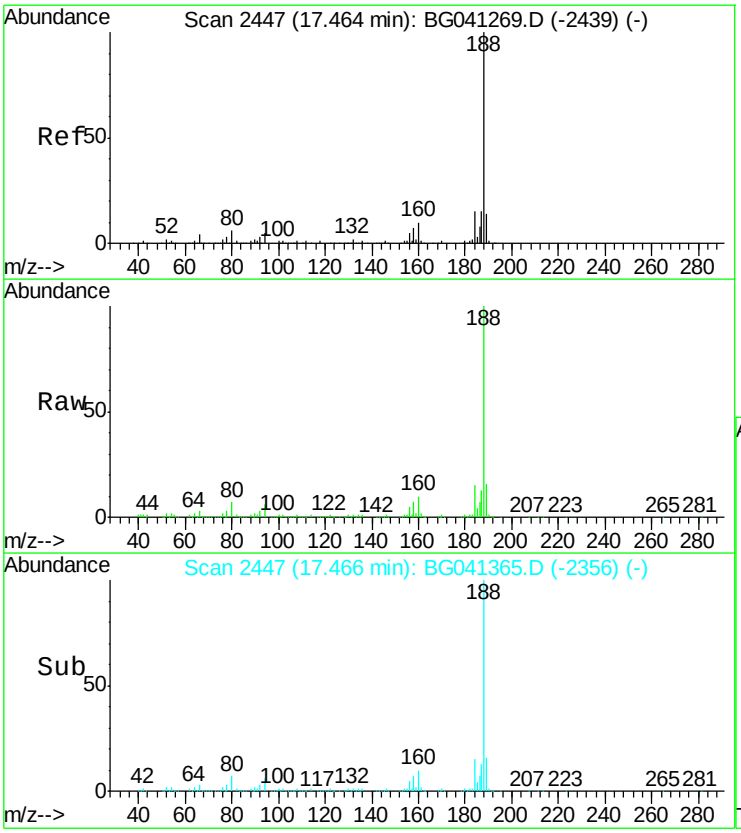
#57
2,4-Dinitrotoluene
Concen: 4.648 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.36 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12903

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.0	60.0#
89	2.1	64.6	96.8#
182	0.0	2.9	4.3#

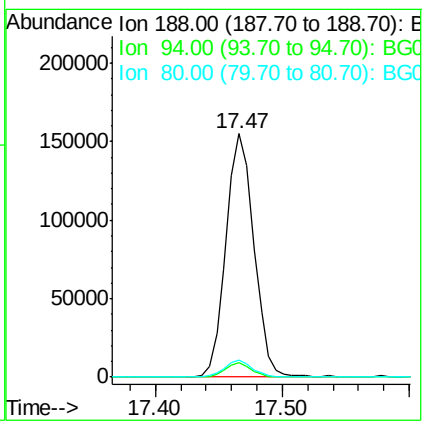


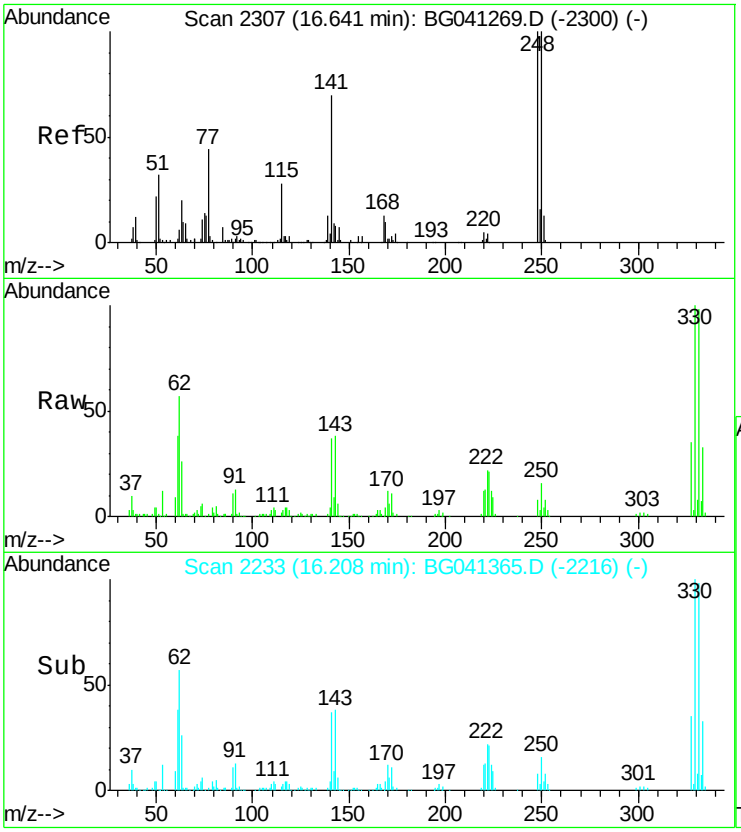


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Tgt Ion:188 Resp: 236190

Ion	Ratio	Lower	Upper
188	100		
94	5.7	3.6	5.4#
80	7.1	4.8	7.2



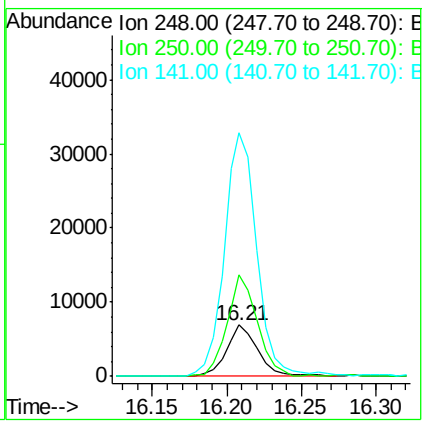


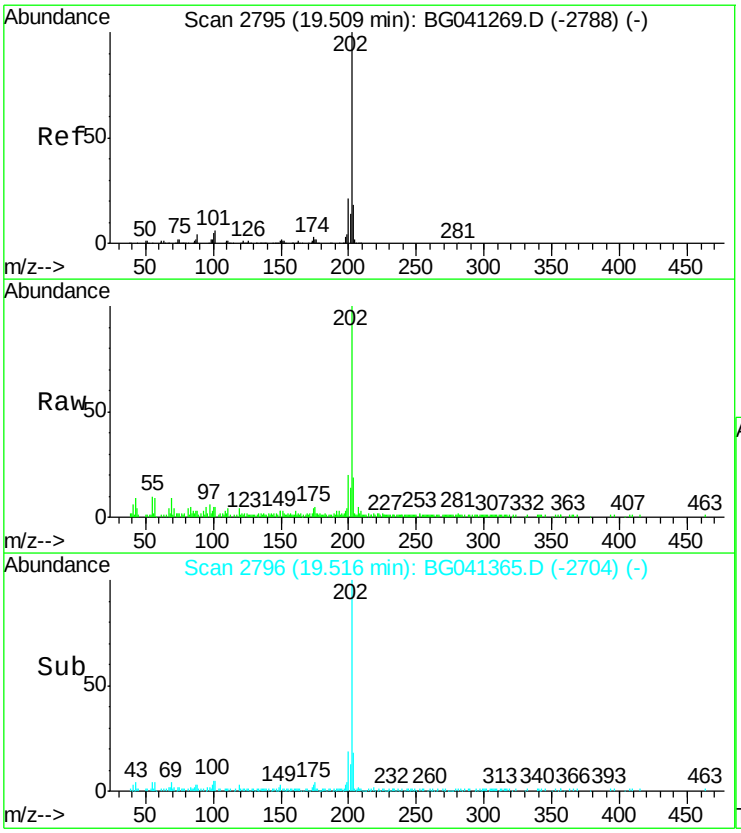
#67
4-Bromophenyl-phenylether
Concen: 3.323 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.43 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10149

Ion	Ratio	Lower	Upper
248	100		
250	197.2	79.8	119.8#
141	473.5	55.8	83.6#

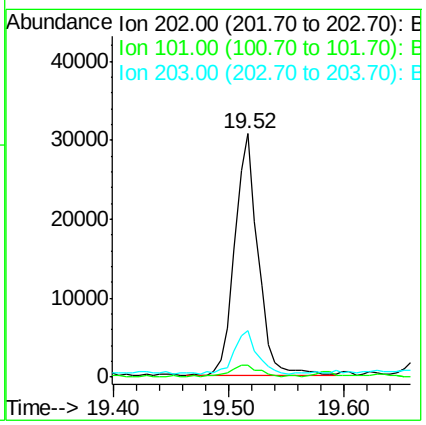


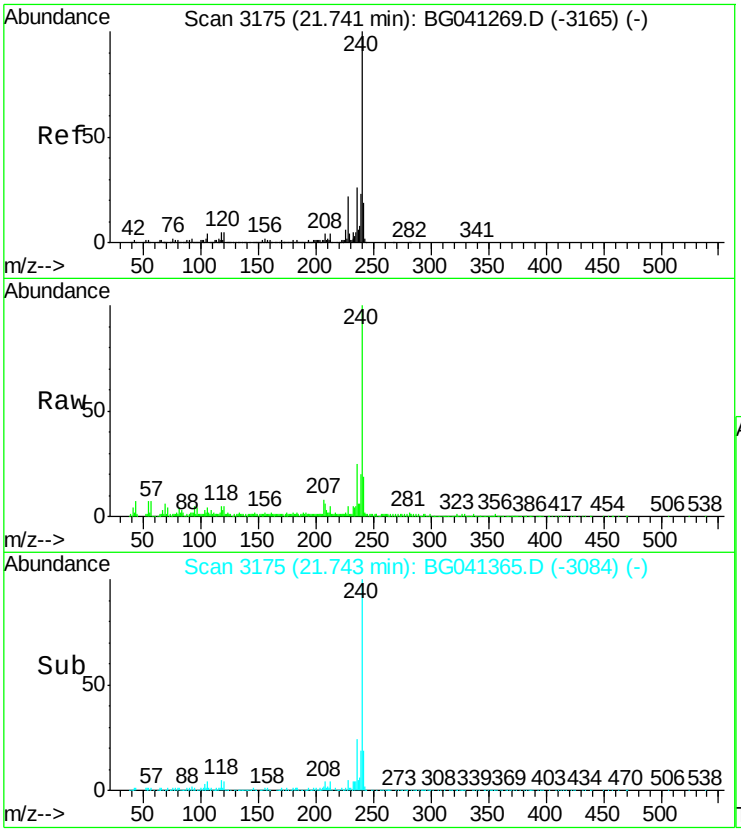


#75
Fluoranthene
Concen: 2.574 ng
RT: 19.52 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Tgt Ion:202 Resp: 43081

Ion	Ratio	Lower	Upper
202	100		
101	4.9	0.0	26.0
203	19.1	0.0	37.7



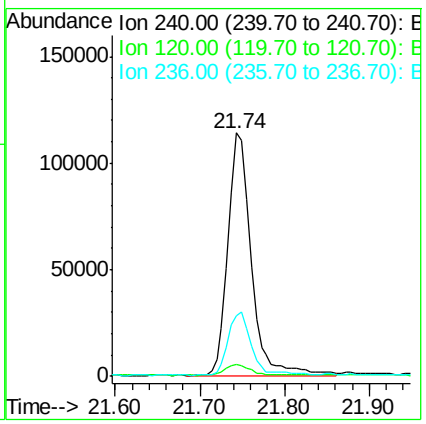


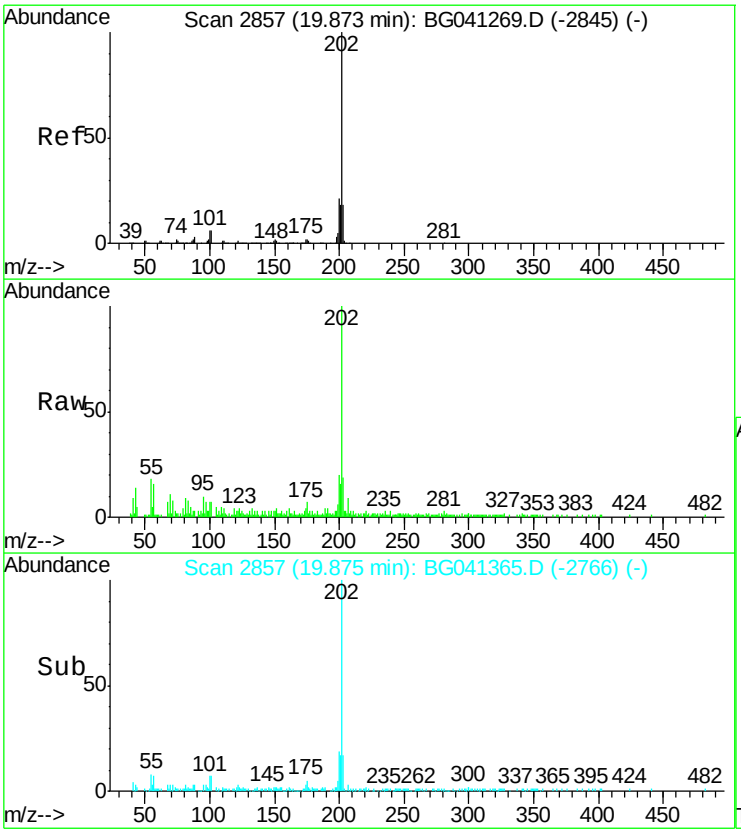
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 217204

Ion	Ratio	Lower	Upper
240	100		
120	4.7	3.7	5.5
236	24.9	21.1	31.7

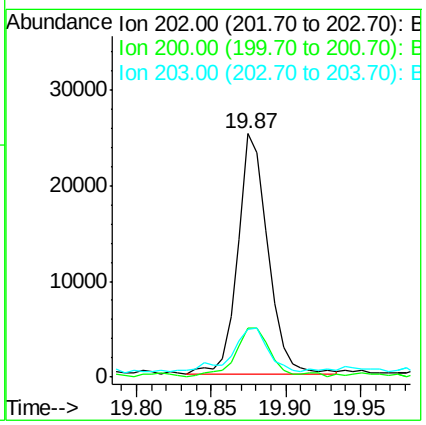


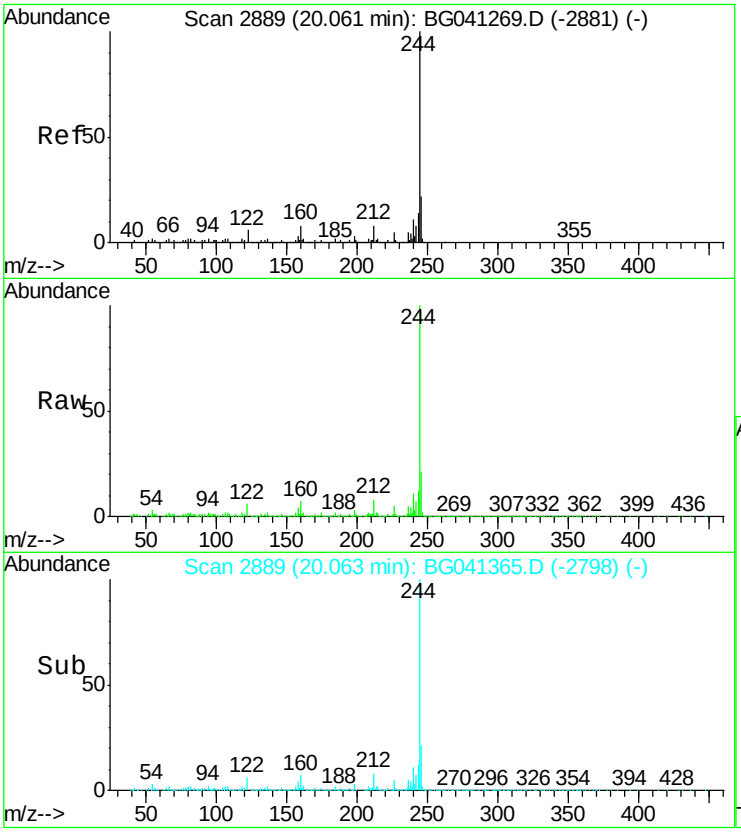


#78
Pyrene
Concen: 2.390 ng
RT: 19.87 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Tgt Ion:202 Resp: 35014

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.8	25.2
203	19.4	14.6	21.8



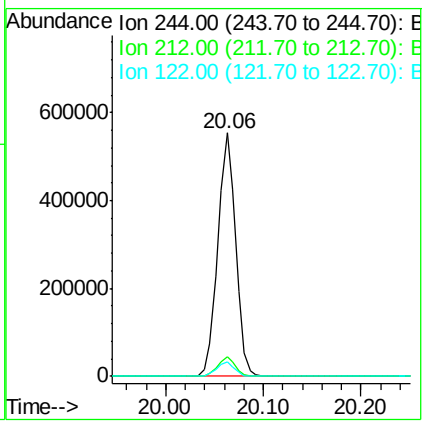


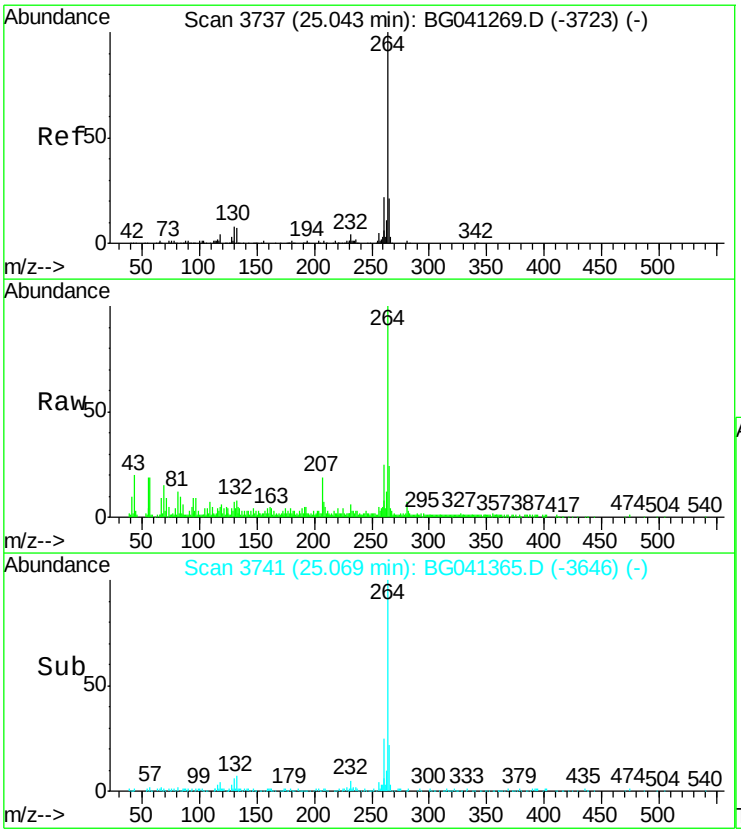
#79
Terphenyl-d14
Concen: 64.474 ng
RT: 20.06 min Scan# 2889
Delta R.T. 0.00 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 706636

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	6.0	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3741
Delta R.T. 0.03 min
Lab File: BG041365.D
Acq: 20 Jun 2019 20:16

Tgt Ion:264 Resp: 154400

Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.2
265	23.8	17.2	25.8