Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
Data File : BG041448.D
Acq On : 25 Jun 2019 17:46
Operator : HP/JU
Sample : K3510-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-04-062419

Quant Time: Jun 26 04:20:54 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	8.04	152	29350	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	104041	20.00	ng	-0.04
39) Acenaphthene-d10	14.68	164	74481	20.00	ng	-0.04
64) Phenanthrene-d10	17.43	188	194511	20.00	ng	-0.04
76) Chrysene-d12	21.70	240	210838	20.00	ng	-0.04
87) Perylene-d12	24.98	264	217962	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	226591	141.85	ng	-0.04
7) Phenol-d6	7.20	99	297317	128.41	ng	-0.04
23) Nitrobenzene-d5	9.22	82	248314	100.38	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	177052	154.84	ng	-0.04
45) 2-Fluorobiphenyl	13.30	172	574538	104.84	ng	-0.04
79) Terphenyl-d14	20.03	244	1135234	106.71	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	6461	8.066	ng	# 1
15) Benzyl Alcohol	8.36	79	4738	2.136	ng	# 53
19) n-Nitroso-di-n-propylamine	9.22	70	36043	19.247	ng	# 75
51) 2,6-Dinitrotoluene	14.68	165	9663	6.915	ng	# 15
57) 2,4-Dinitrotoluene	14.68	165	9663	4.731	ng	# 18
67) 4-Bromophenyl-phenylether	16.18	248	12455	4.952	ng	# 1
77) Benzidine	20.03	184	18523	3.632	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
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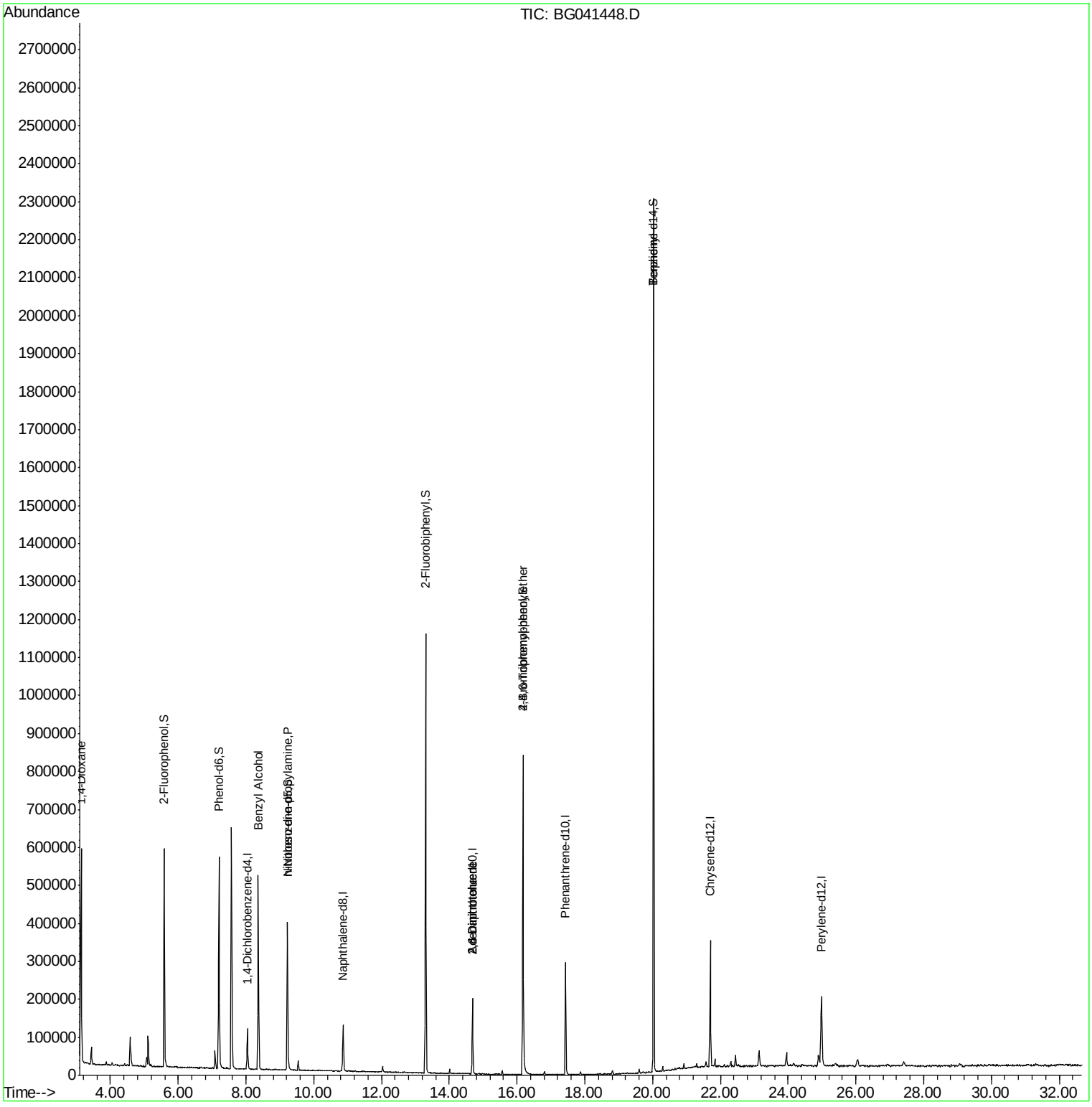
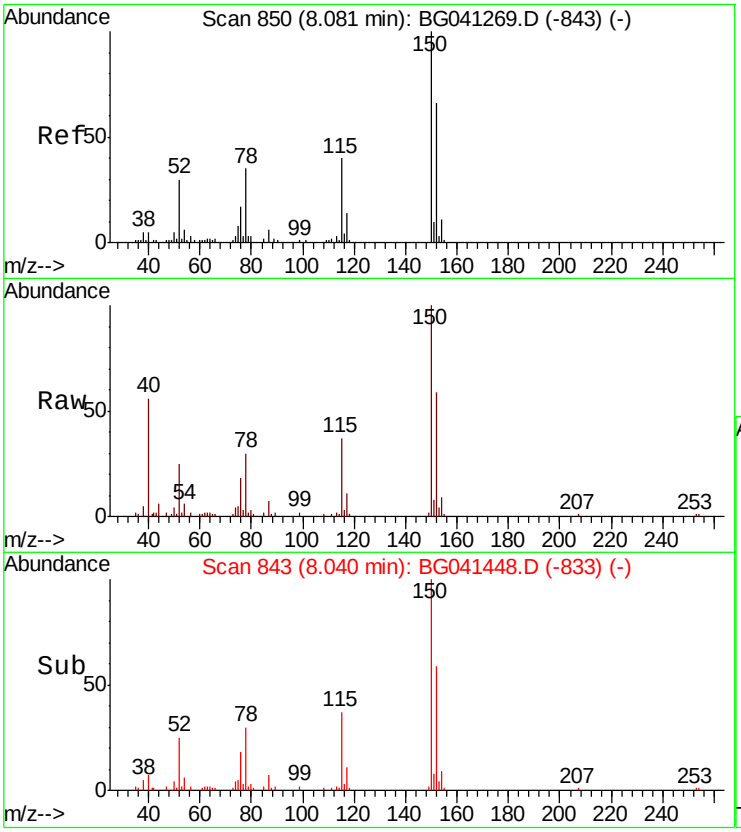


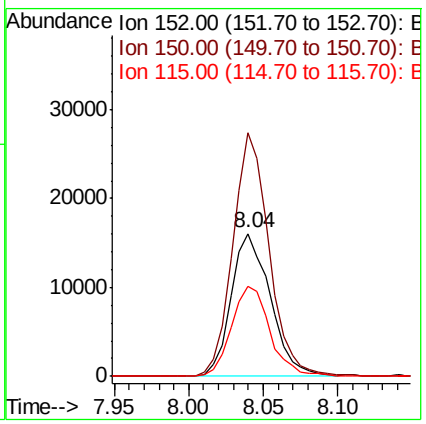


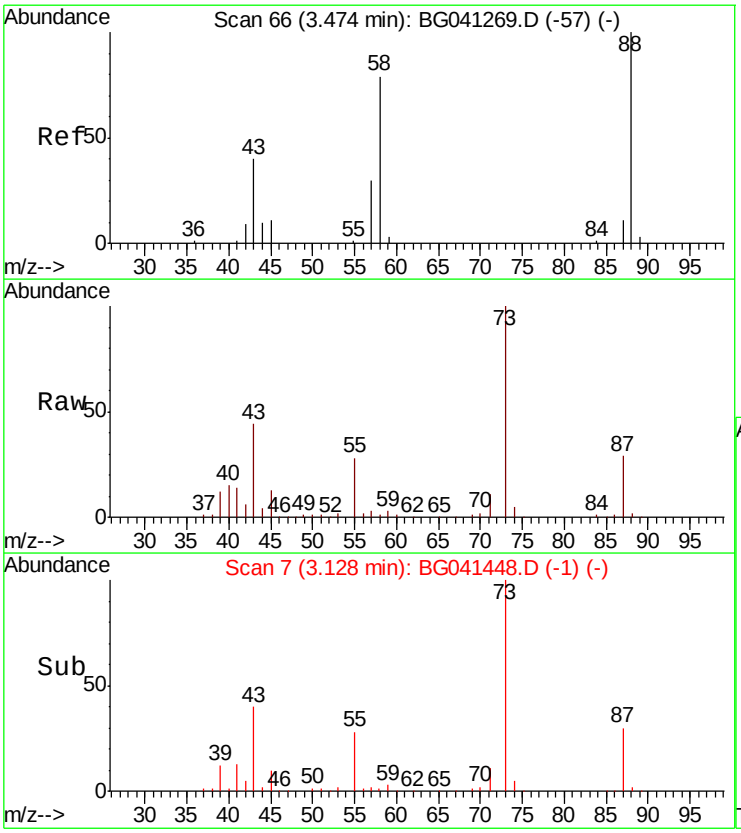
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Instrument :
BNA_G
ClientSampleId :
TR-04-062419

Tgt Ion:152 Resp: 29350

Ion	Ratio	Lower	Upper
152	100		
150	170.3	120.6	181.0
115	63.3	47.9	71.9

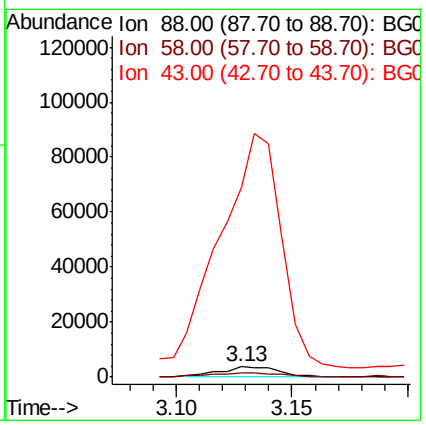


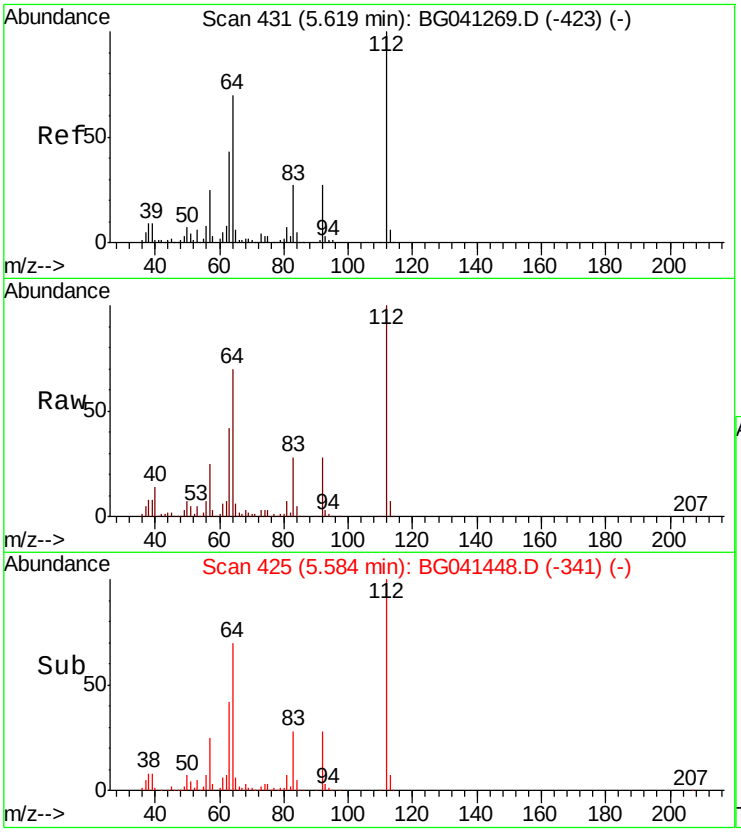


#2
1,4-Dioxane
Concen: 8.066 ng
RT: 3.13 min Scan# 7
Delta R.T. -0.35 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Tgt Ion: 88 Resp: 6461

Ion	Ratio	Lower	Upper
88	100		
58	38.5	59.7	89.5#
43	2330.0	31.9	47.9#



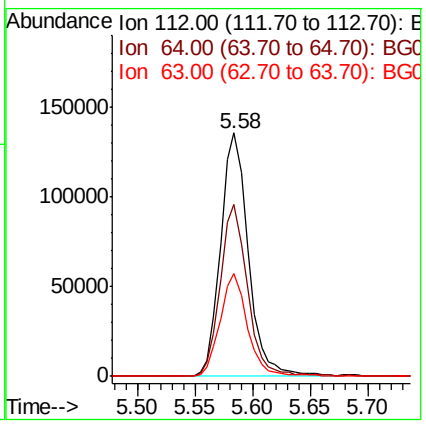


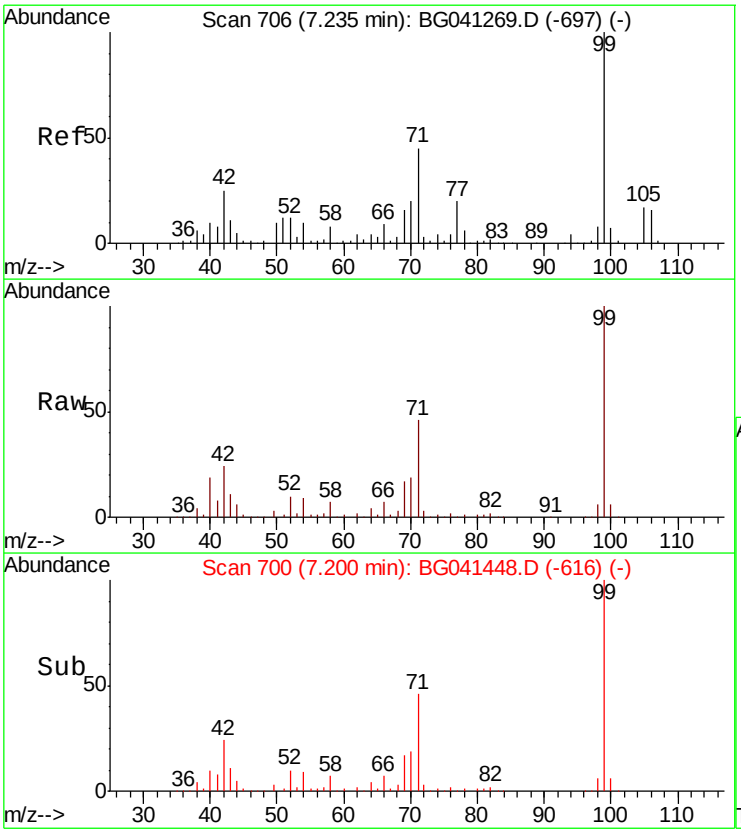
#5
2-Fluorophenol
Concen: 141.854 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Instrument :
BNA_G
ClientSampleId :
TR-04-062419

Tgt Ion:112 Resp: 226591

Ion	Ratio	Lower	Upper
112	100		
64	70.5	55.9	83.9
63	42.4	34.6	51.8

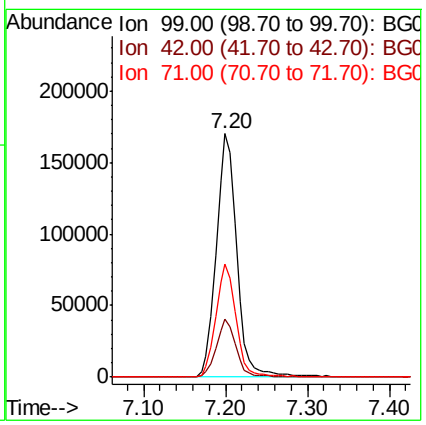


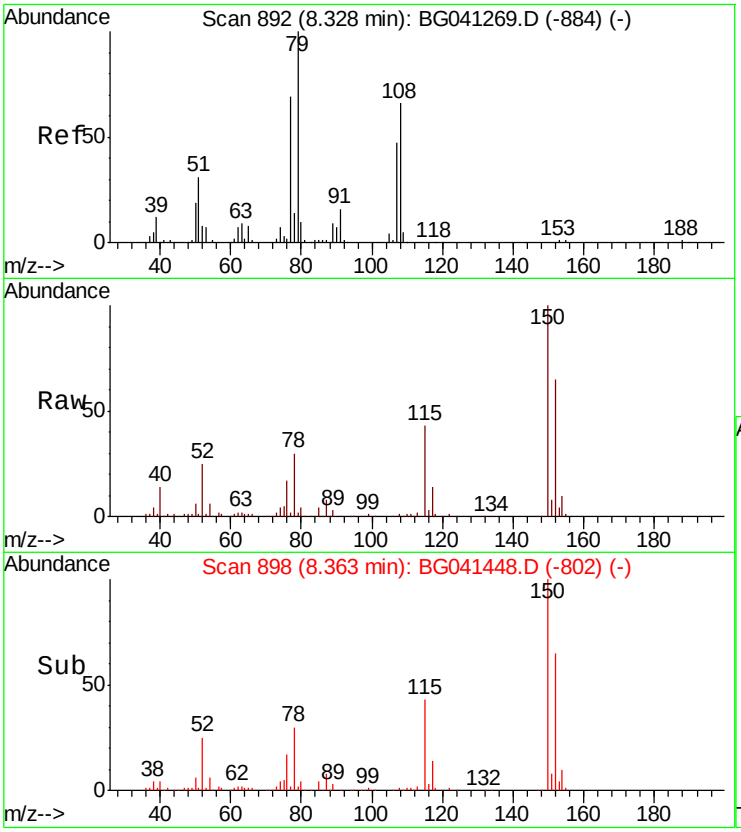


#7
Phenol-d6
Concen: 128.410 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Tgt Ion: 99 Resp: 297317

Ion	Ratio	Lower	Upper
99	100		
42	24.0	19.9	29.9
71	46.2	36.4	54.6



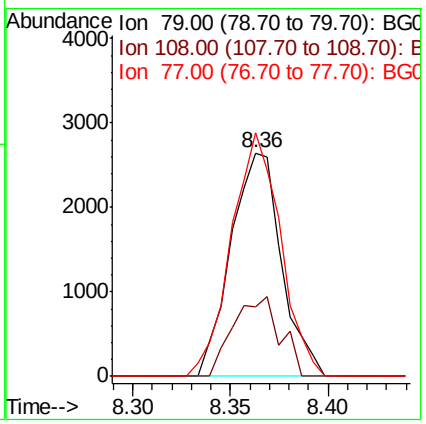


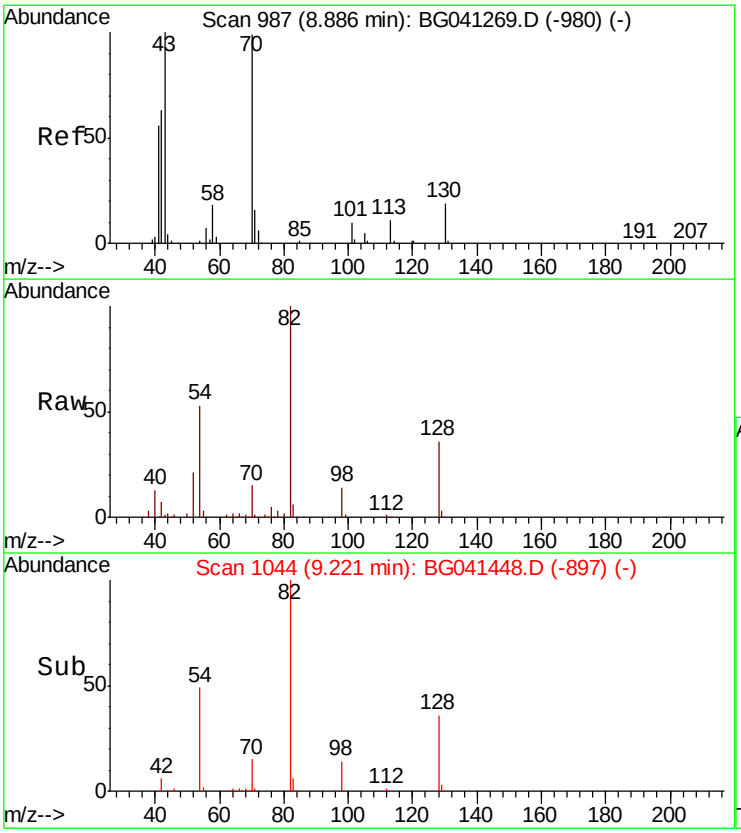
#15
Benzyl Alcohol
Concen: 2.136 ng
RT: 8.36 min Scan# 898
Delta R.T. 0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Instrument :
BNA_G
ClientSampleId :
TR-04-062419

Tgt Ion: 79 Resp: 4738

Ion	Ratio	Lower	Upper
79	100		
108	31.0	52.7	79.1#
77	109.0	55.2	82.8#

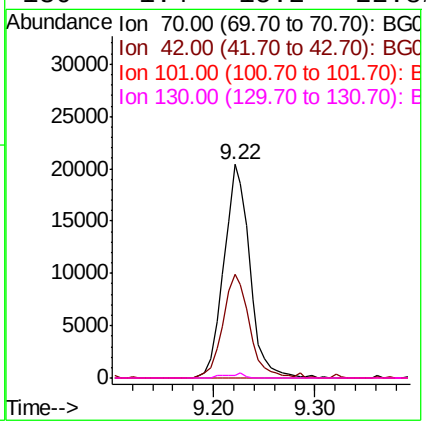


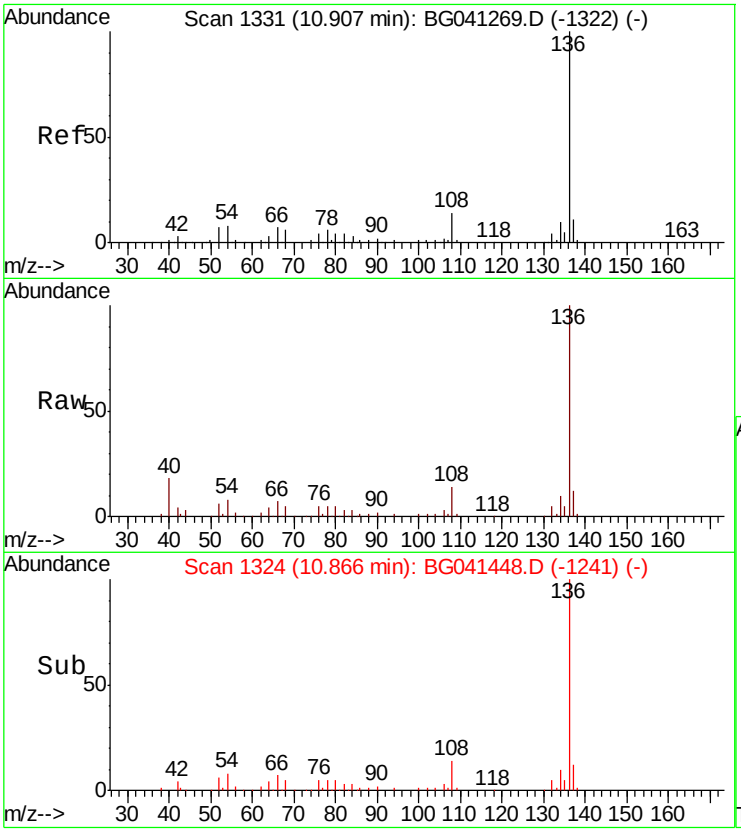


#19
n-Nitroso-di-n-propylamine
Concen: 19.247 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.33 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Tgt Ion: 70 Resp: 36043

Ion	Ratio	Lower	Upper
70	100		
42	48.5	51.4	77.2#
101	0.0	8.2	12.2#
130	1.4	15.2	22.8#



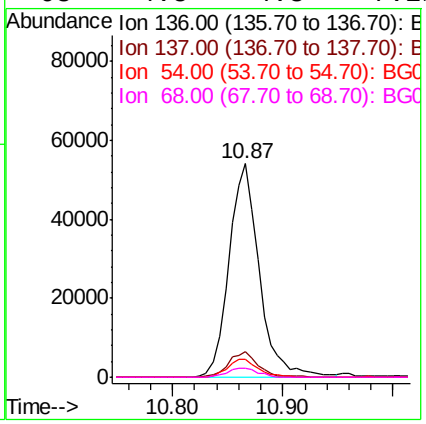


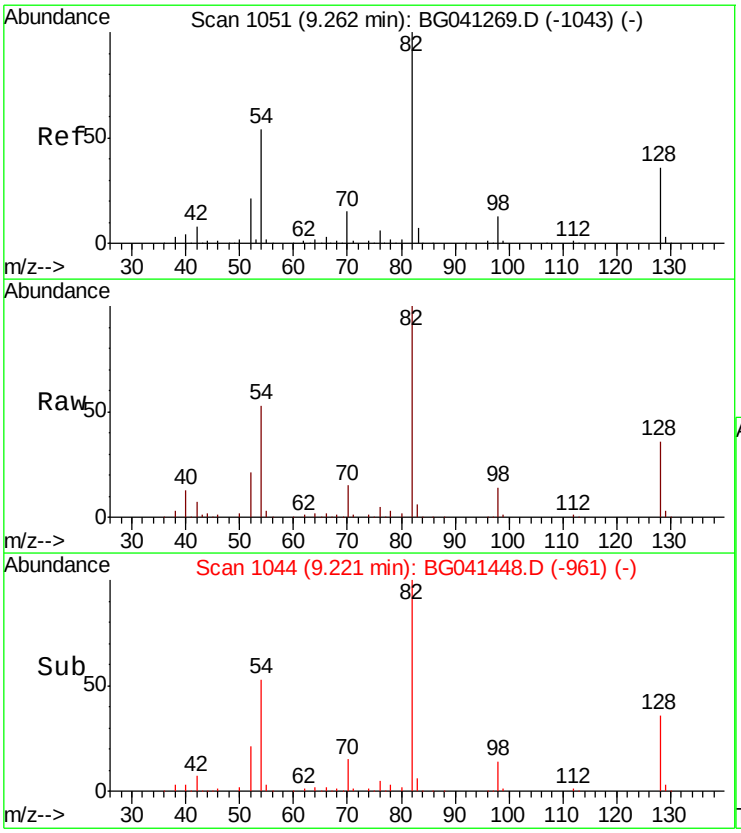
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Instrument :
BNA_G
ClientSampleId :
TR-04-062419

Tgt Ion:136 Resp: 104041

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.8	13.2
54	8.2	6.4	9.6
68	4.5	4.8	7.2#

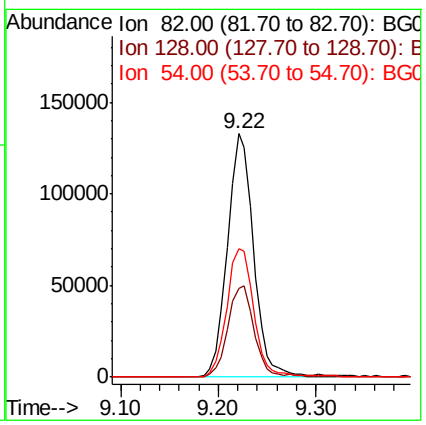


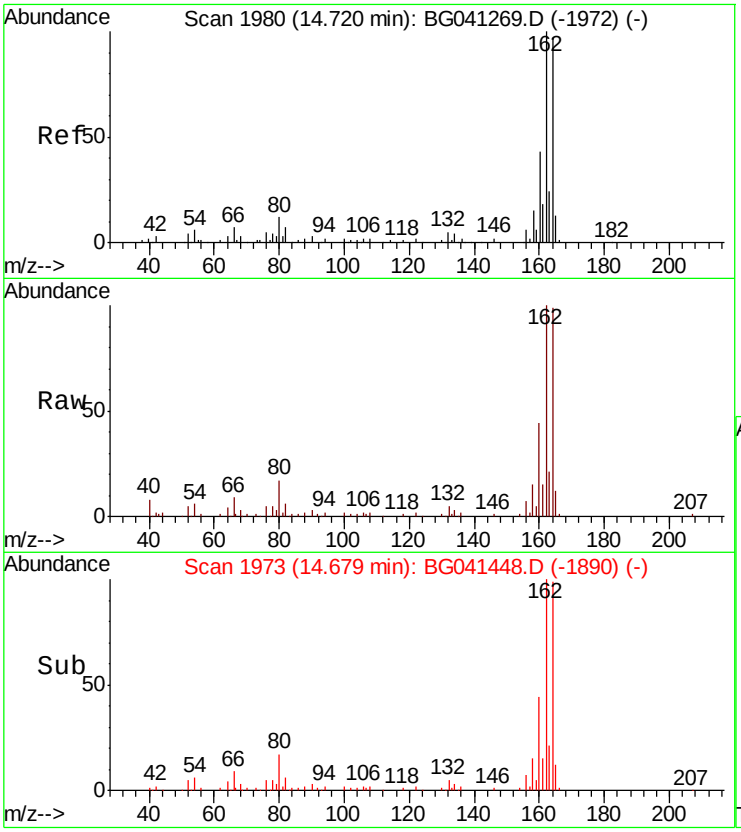


#23
Nitrobenzene-d5
Concen: 100.375 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Tgt Ion: 82 Resp: 248314

Ion	Ratio	Lower	Upper
82	100		
128	36.5	29.2	43.8
54	52.9	43.4	65.0



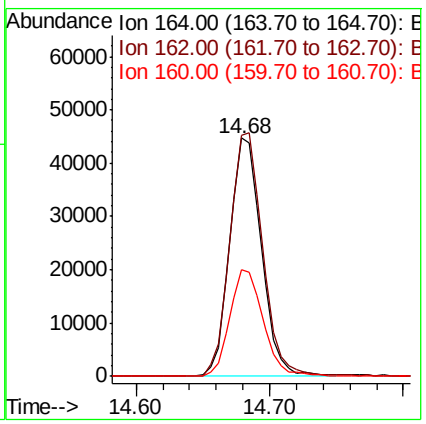


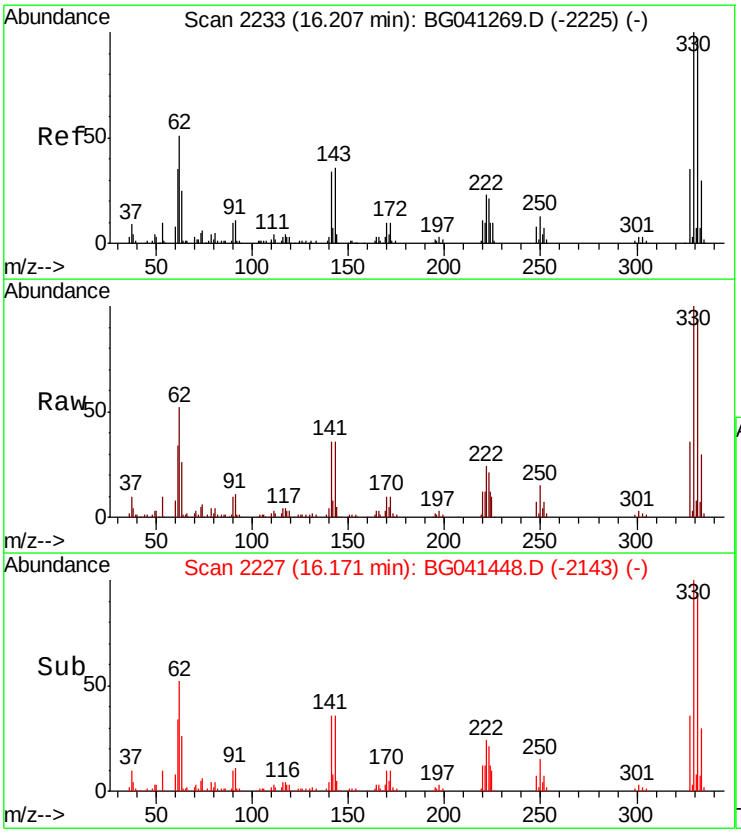
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Instrument :
BNA_G
ClientSampleId :
TR-04-062419

Tgt Ion:164 Resp: 74481

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.8	124.2
160	44.8	35.8	53.8

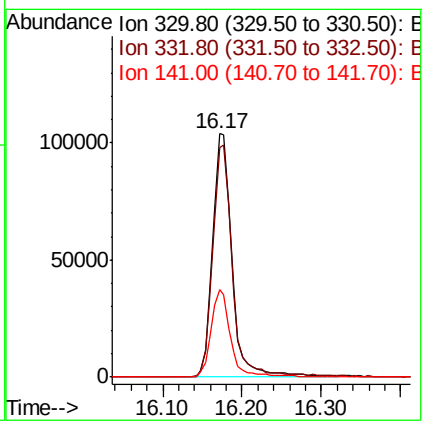


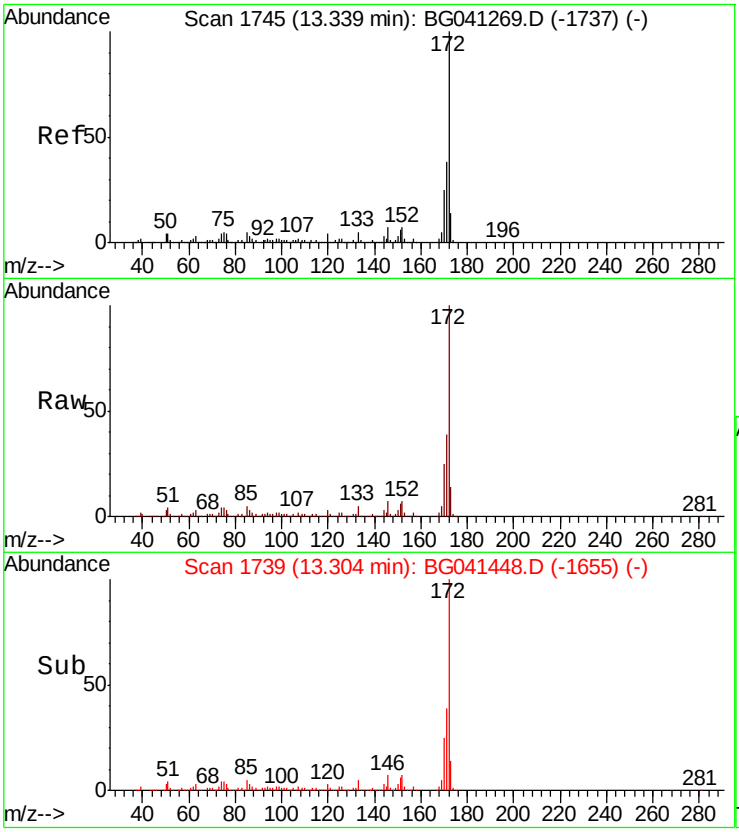


#42
2,4,6-Tribromophenol
Concen: 154.840 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Tgt Ion:330 Resp: 177052

Ion	Ratio	Lower	Upper
330	100		
332	93.9	75.5	113.3
141	34.7	29.0	43.4



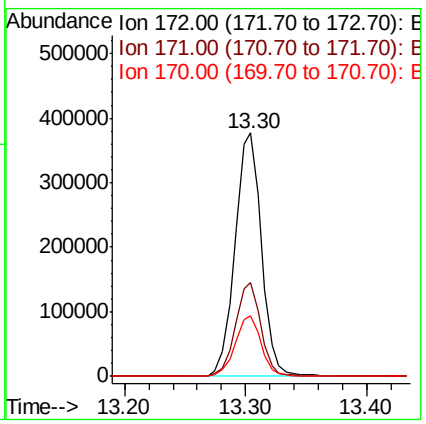


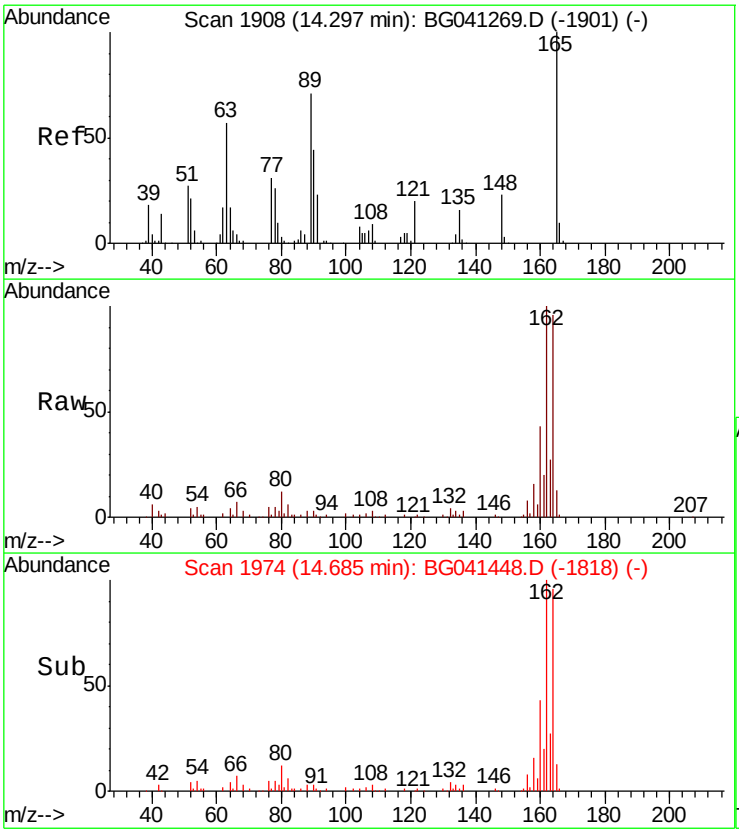
#45
2-Fluorobiphenyl
Concen: 104.844 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Instrument :
BNA_G
ClientSampleId :
TR-04-062419

Tgt Ion:172 Resp: 574538

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.1	19.8	29.6

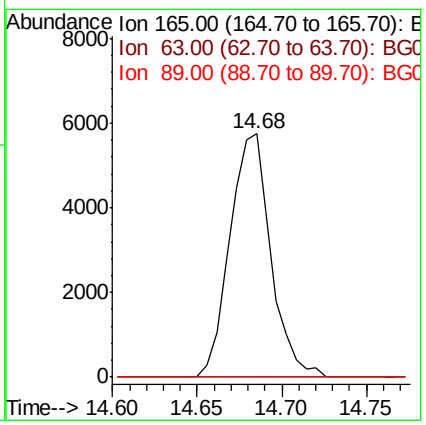


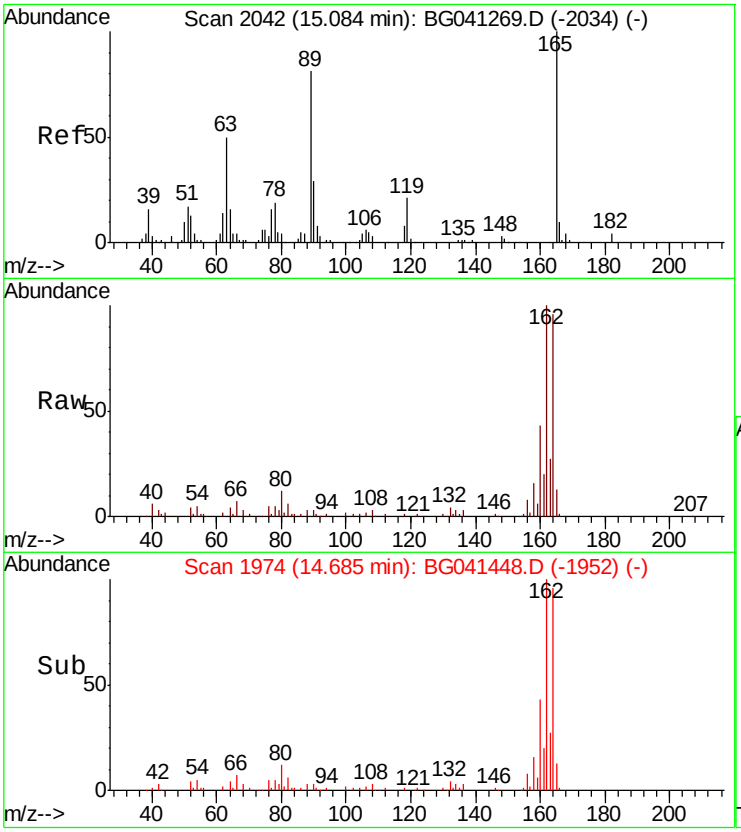


#51
2,6-Dinitrotoluene
Concen: 6.915 ng
RT: 14.68 min Scan# 1974
Delta R.T. 0.39 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Tgt Ion:165 Resp: 9663

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.0#
89	0.0	56.5	84.7#



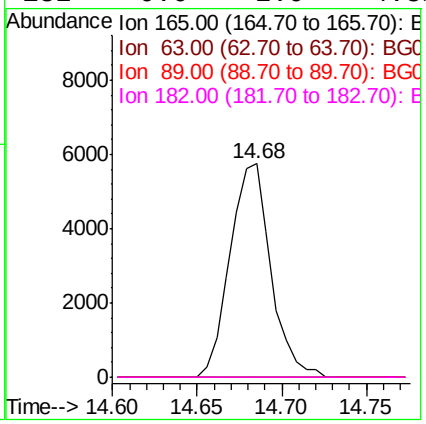


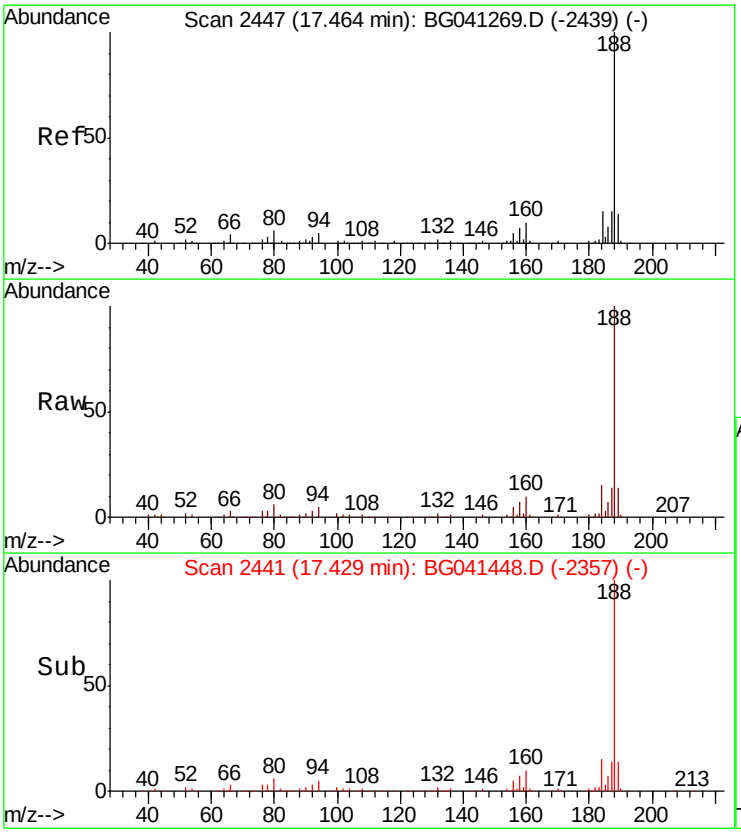
#57
2,4-Dinitrotoluene
Concen: 4.731 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.40 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Instrument :
BNA_G
ClientSampleId :
TR-04-062419

Tgt Ion:165 Resp: 9663

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

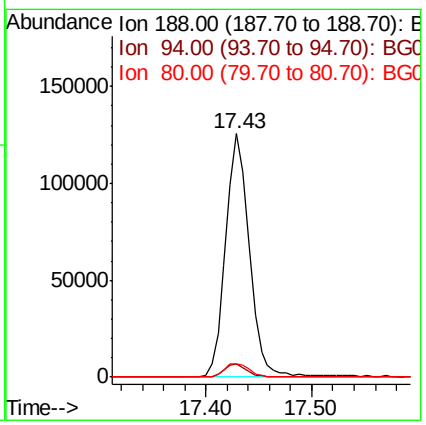


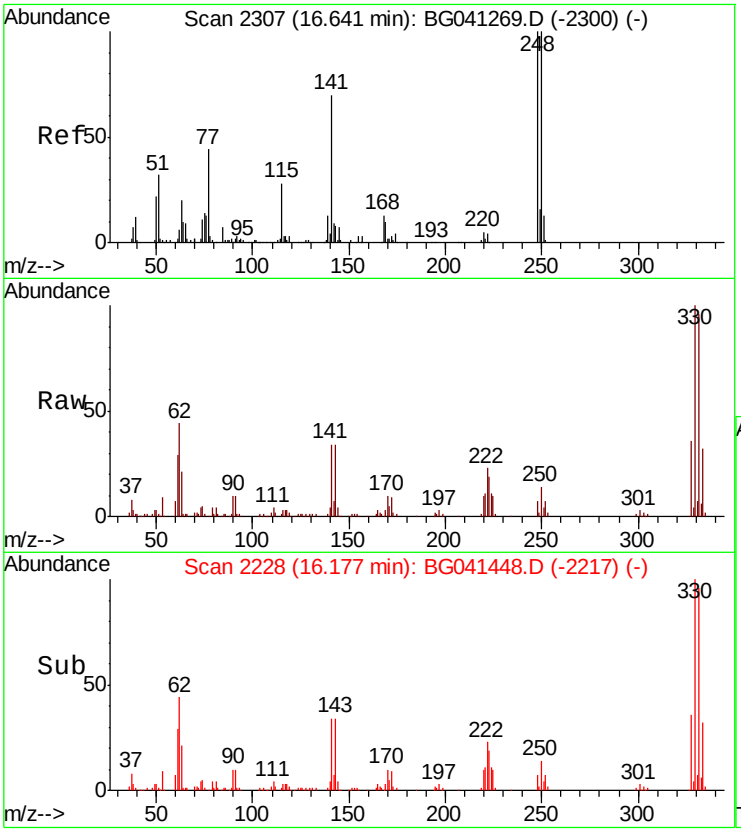


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Tgt Ion:188 Resp: 194511

Ion	Ratio	Lower	Upper
188	100		
94	5.2	3.6	5.4
80	5.7	4.8	7.2



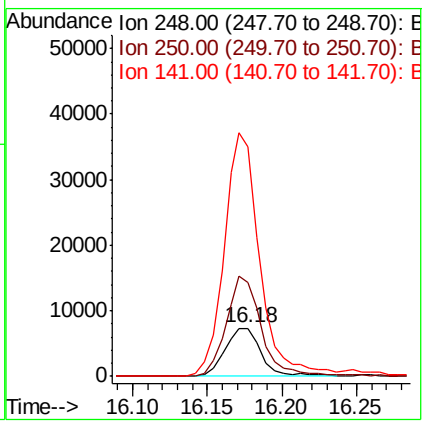


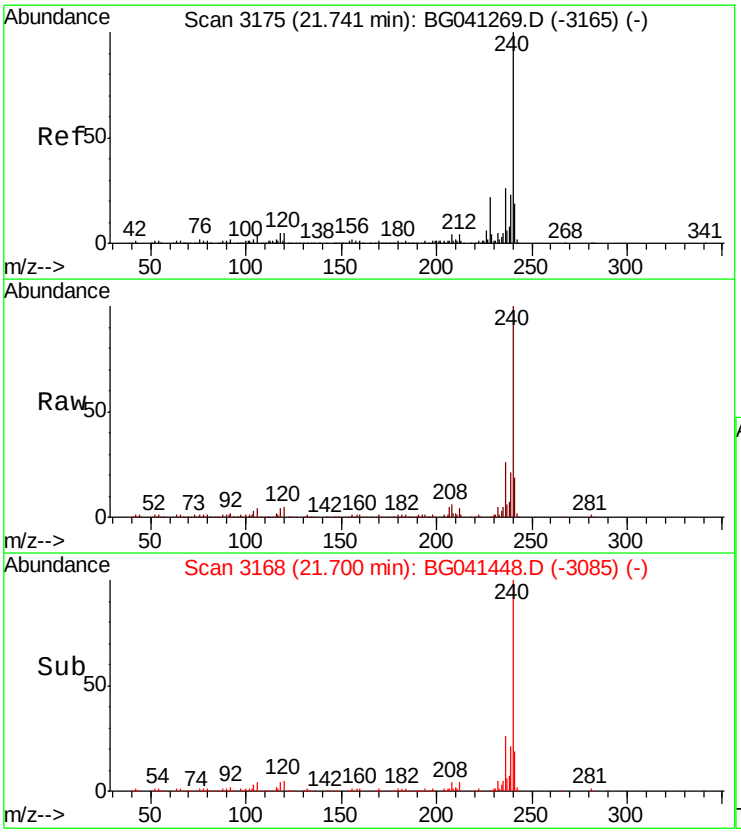
#67
4-Bromophenyl-phenylether
Concen: 4.952 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.46 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Instrument :
BNA_G
ClientSampleId :
TR-04-062419

Tgt Ion:248 Resp: 12455

Ion	Ratio	Lower	Upper
248	100		
250	195.2	79.8	119.8#
141	477.9	55.8	83.6#

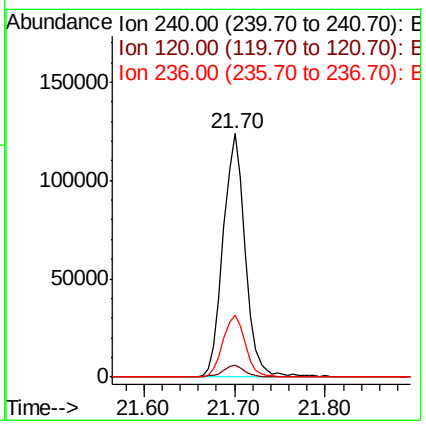


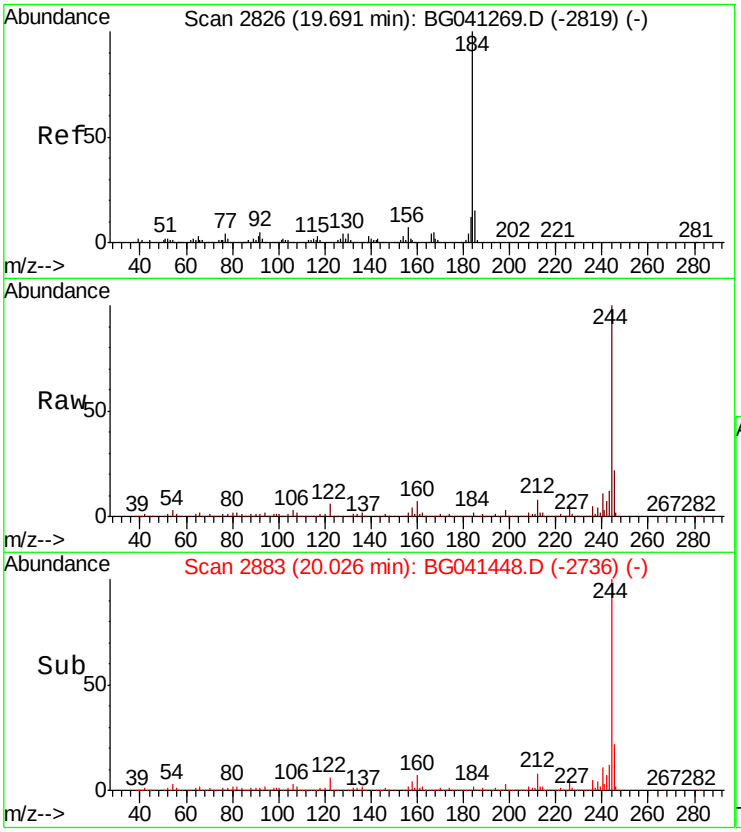


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Tgt Ion:240 Resp: 210838

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.7	5.5
236	25.7	21.1	31.7



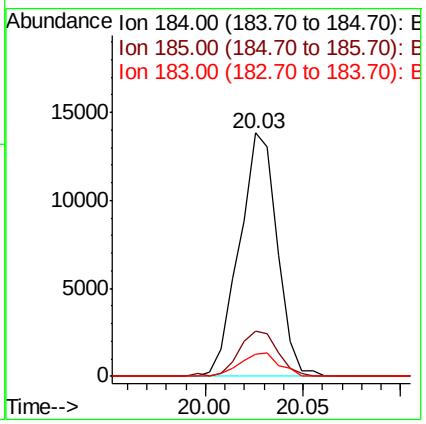


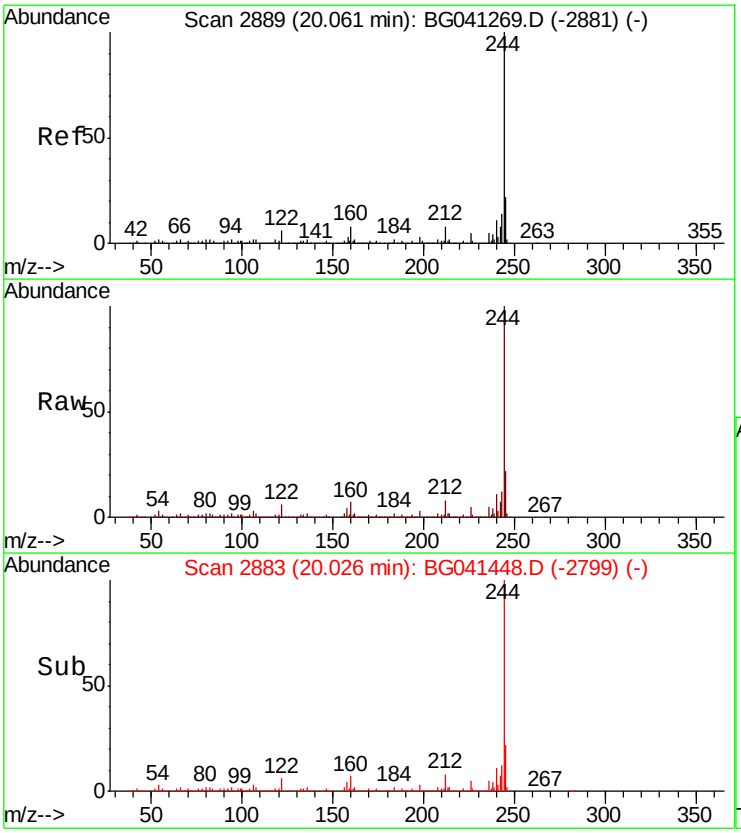
#77
Benzidine
Concen: 3.632 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.33 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Instrument :
BNA_G
ClientSampleId :
TR-04-062419

Tgt Ion:184 Resp: 18523

Ion	Ratio	Lower	Upper
184	100		
185	18.7	12.2	18.2#
183	9.2	9.6	14.4#

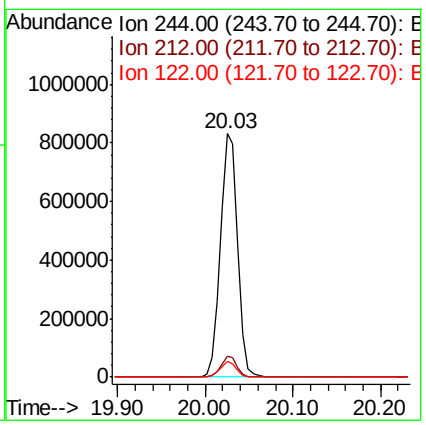


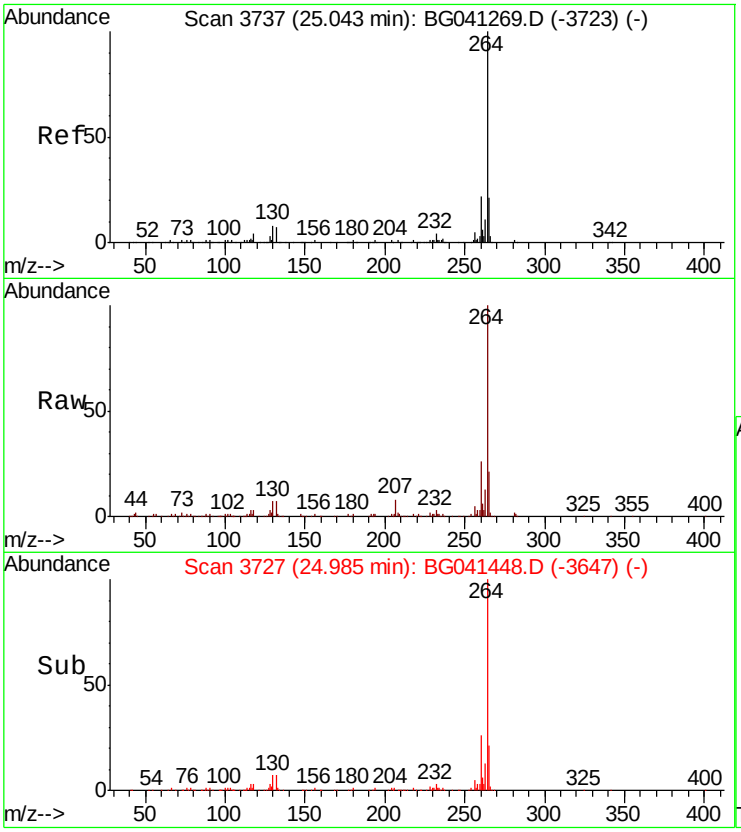


#79
Terphenyl-d14
Concen: 106.708 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.04 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Tgt Ion:244 Resp: 1135234

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	10.0
122	6.5	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3727
Delta R.T. -0.06 min
Lab File: BG041448.D
Acq: 25 Jun 2019 17:46

Instrument :
BNA_G
ClientSampleId :
TR-04-062419

Tgt Ion:264 Resp: 217962

Ion	Ratio	Lower	Upper
264	100		
260	25.7	17.4	26.2
265	21.4	17.2	25.8