Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062519\
Data File : BG041445.D
Acq On : 25 Jun 2019 15:52
Operator : HP/JU
Sample : K3455-02RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-MH

Quant Time: Jun 26 04:20:18 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	66368	20.00	ng	-0.04
21) Naphthalene-d8	10.86	136	244479	20.00	ng	-0.05
39) Acenaphthene-d10	14.69	164	171393	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	438437	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	482181	20.00	ng	-0.04
87) Perylene-d12	24.99	264	512573	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	216364	59.90	ng	-0.04
7) Phenol-d6	7.20	99	261094	49.87	ng	-0.03
23) Nitrobenzene-d5	9.22	82	248686	42.78	ng	-0.04
42) 2,4,6-Tribromophenol	16.17	330	182015	69.17	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	574989	45.60	ng	-0.03
79) Terphenyl-d14	20.03	244	1107750	45.53	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	5856	3.233	ng	# 1
19) n-Nitroso-di-n-propylamine	9.22	70	35781	8.450	ng	# 78
51) 2,6-Dinitrotoluene	14.68	165	22891	7.119	ng	# 17
57) 2,4-Dinitrotoluene	14.68	165	22891	4.870	ng	# 20
67) 4-Bromophenyl-phenylether	16.17	248	13194	2.327	ng	# 1

(#) = 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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Acq On : 25 Jun 2019 15:52
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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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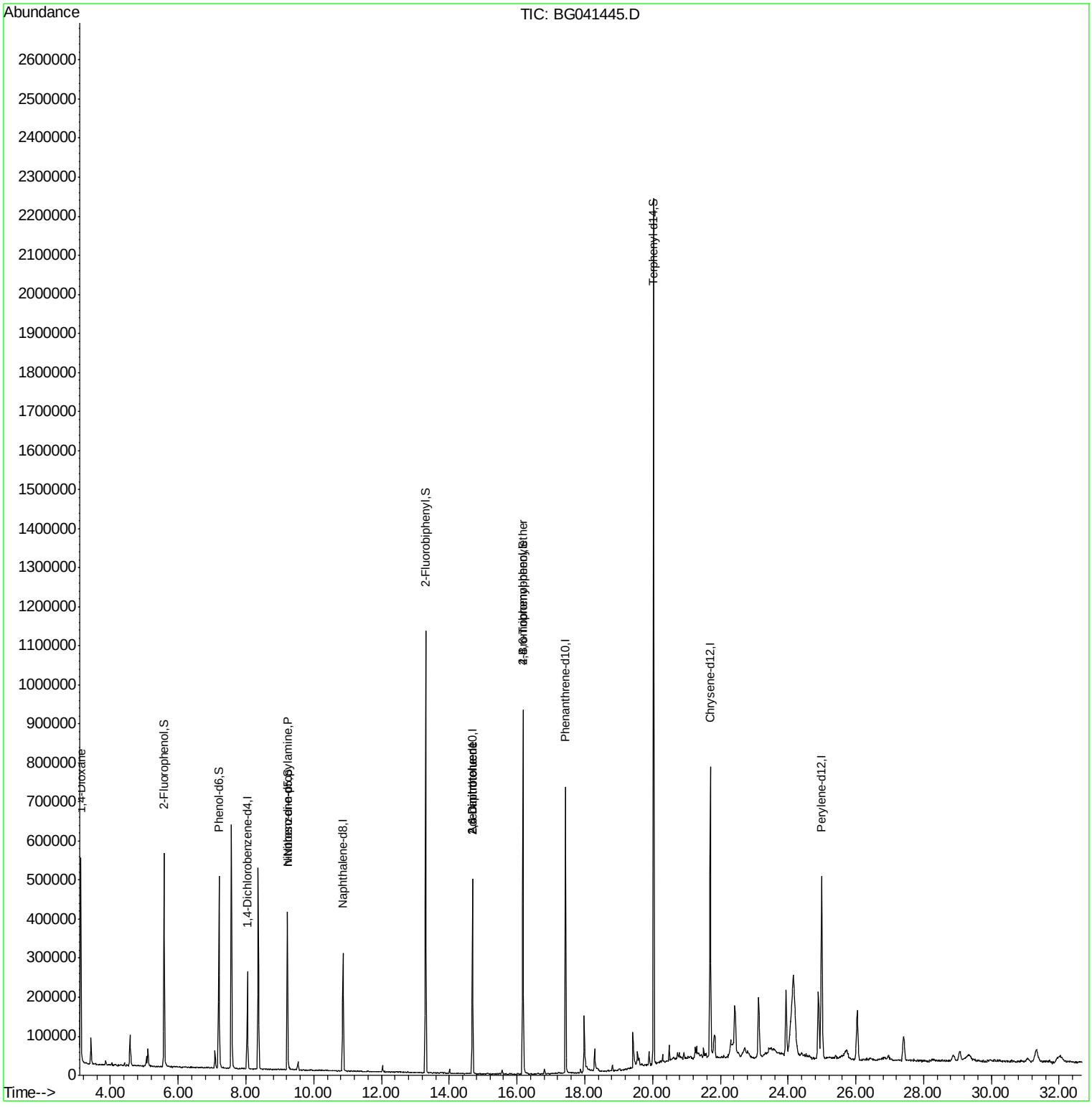
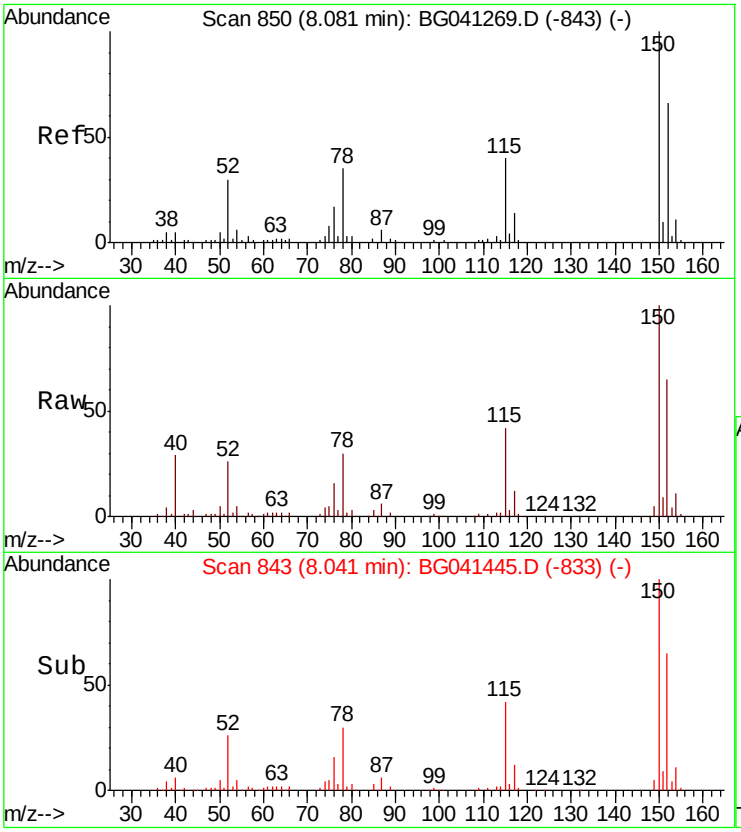


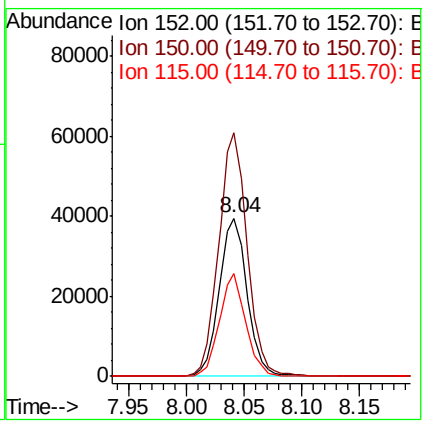


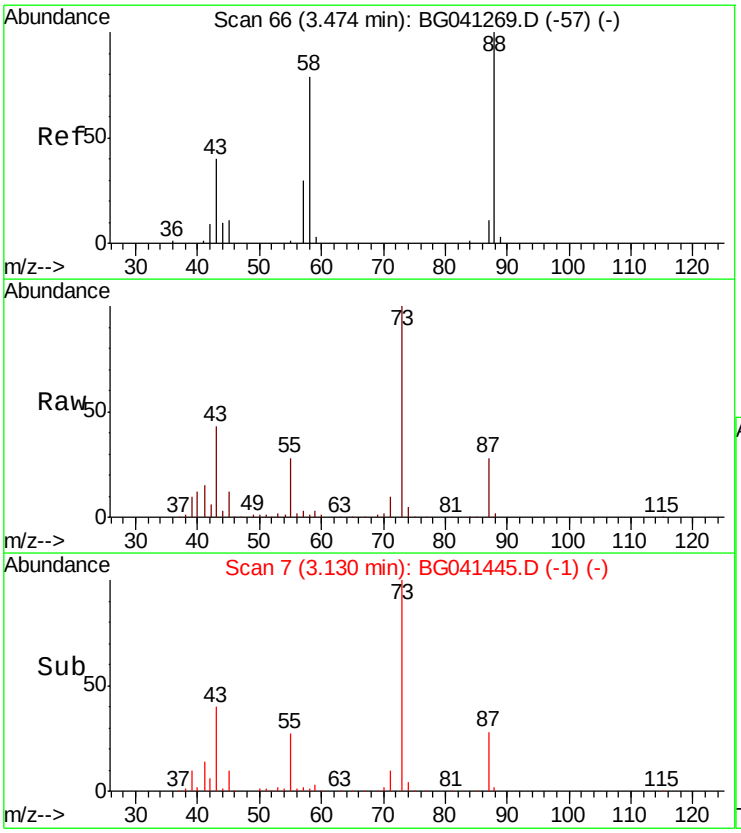
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.04 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:152 Resp: 66368

Ion	Ratio	Lower	Upper
152	100		
150	153.6	120.6	181.0
115	64.5	47.9	71.9

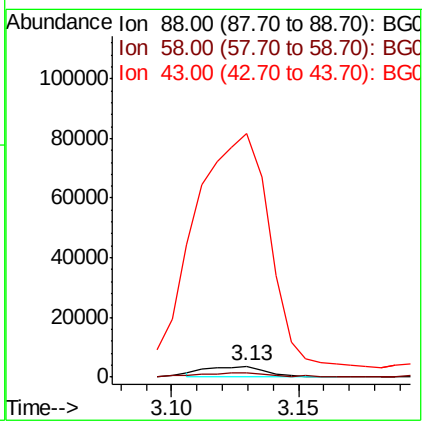


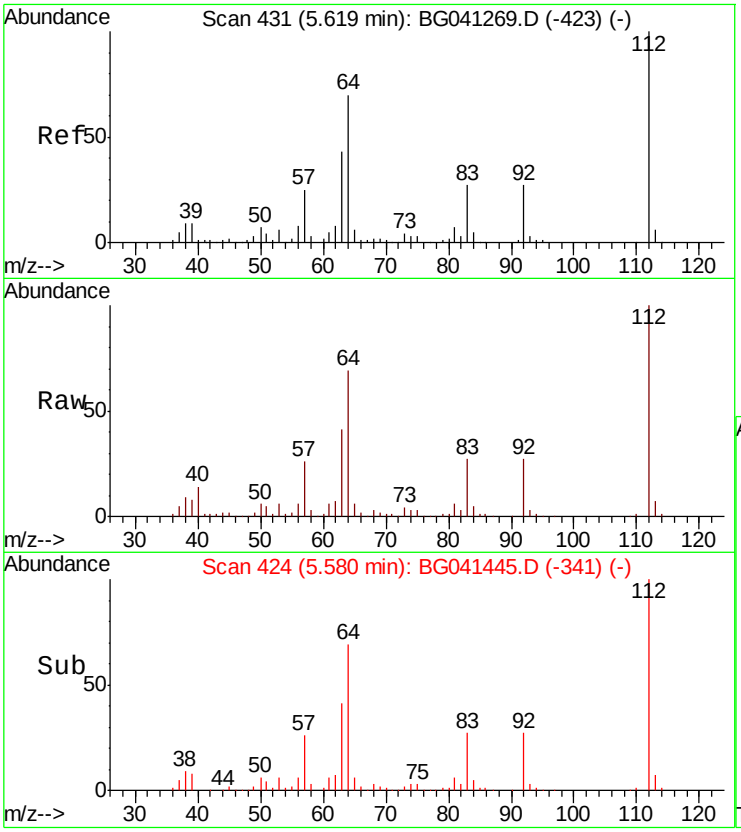


#2
1,4-Dioxane
Concen: 3.233 ng
RT: 3.13 min Scan# 7
Delta R.T. -0.34 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion: 88 Resp: 5856

Ion	Ratio	Lower	Upper
88	100		
58	51.0	59.7	89.5#
43	2361.8	31.9	47.9#



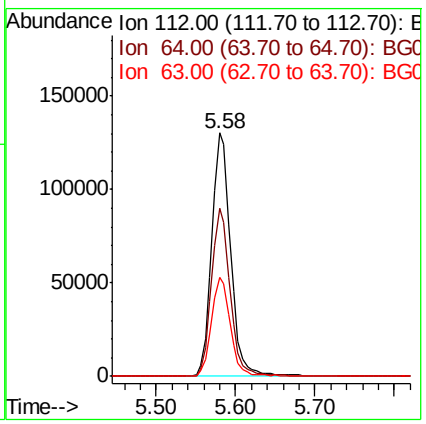


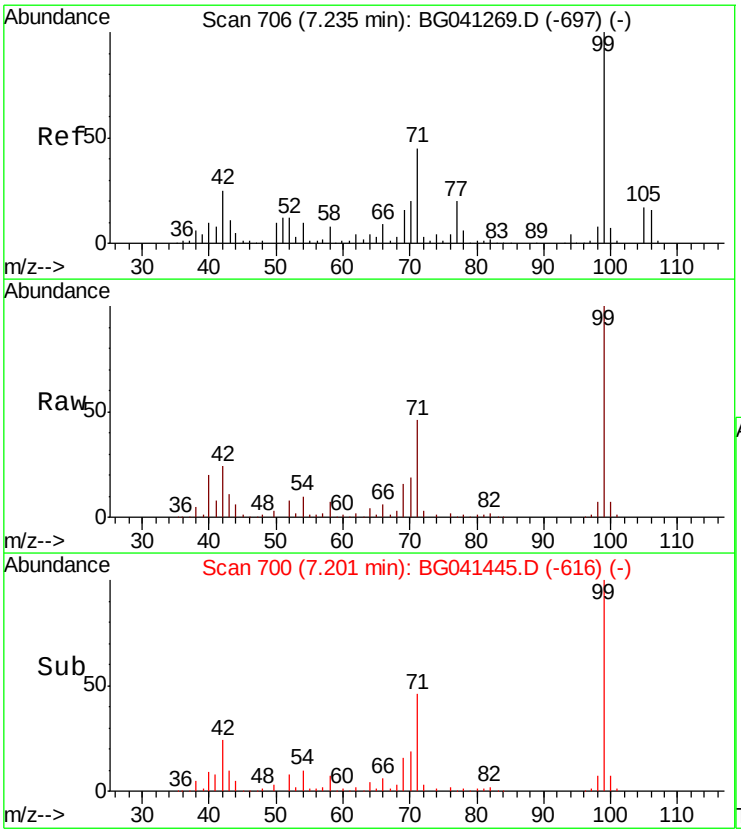
#5
2-Fluorophenol
Concen: 59.901 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.04 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:112 Resp: 216364

Ion	Ratio	Lower	Upper
112	100		
64	68.9	55.9	83.9
63	40.5	34.6	51.8

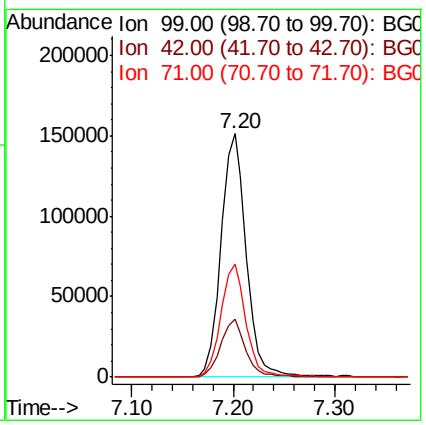


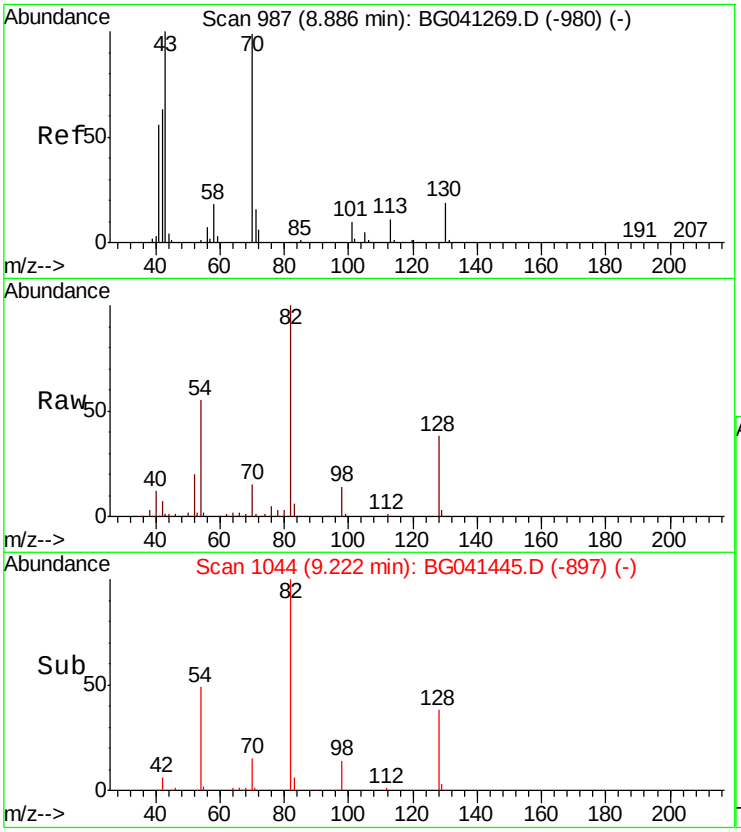


#7
Phenol-d6
Concen: 49.868 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.03 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion: 99 Resp: 261094

Ion	Ratio	Lower	Upper
99	100		
42	23.6	19.9	29.9
71	46.4	36.4	54.6



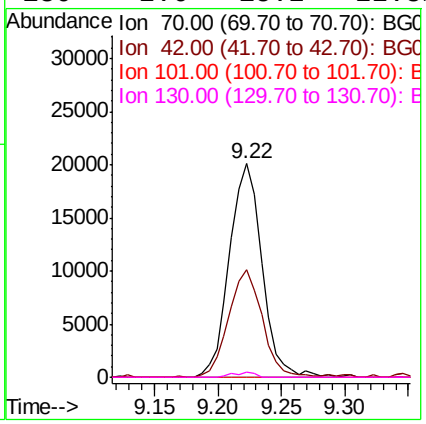


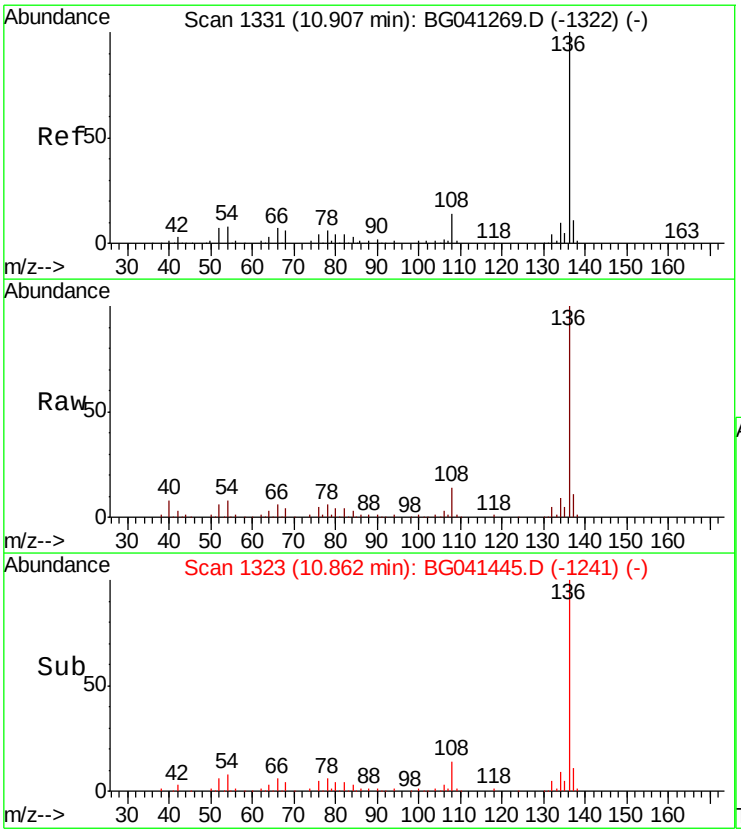
#19
n-Nitroso-di-n-propylamine
Concen: 8.450 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.34 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion: 70 Resp: 35781

Ion	Ratio	Lower	Upper
70	100		
42	50.6	51.4	77.2#
101	0.0	8.2	12.2#
130	2.6	15.2	22.8#

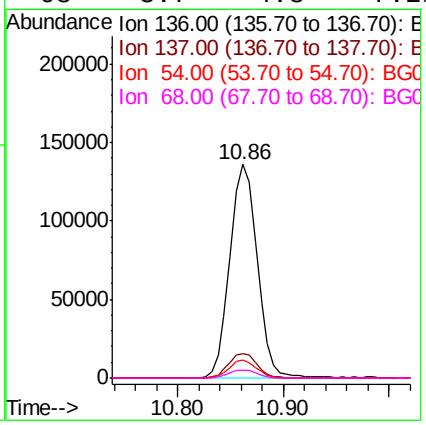


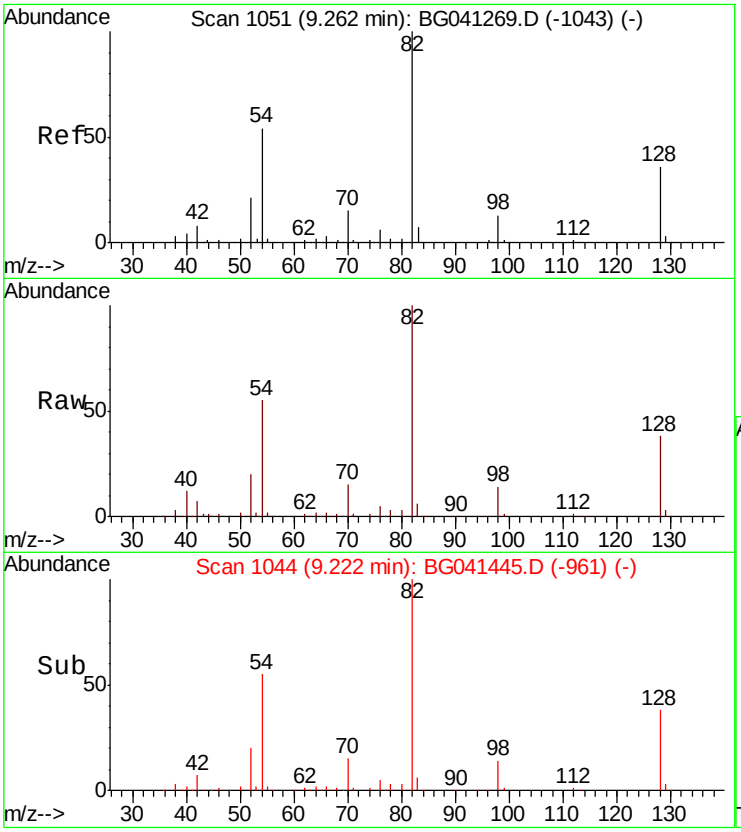


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.05 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion:136 Resp: 244479

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.2	6.4	9.6
68	3.7	4.8	7.2#



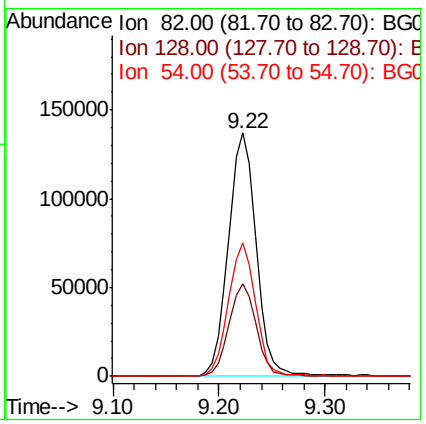


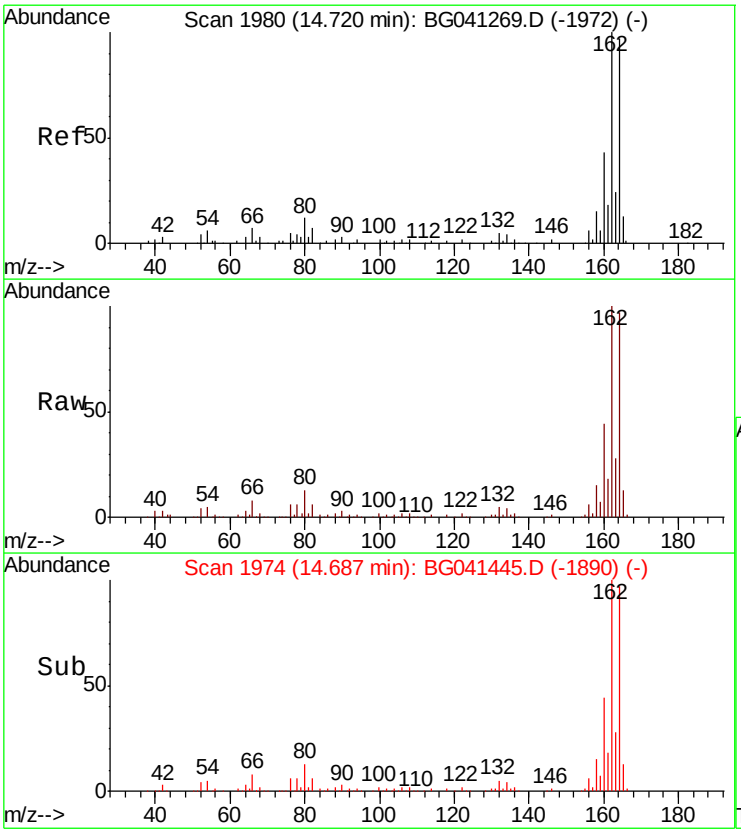
#23
Nitrobenzene-d5
Concen: 42.780 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.04 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion: 82 Resp: 248686

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.2	43.8
54	54.7	43.4	65.0

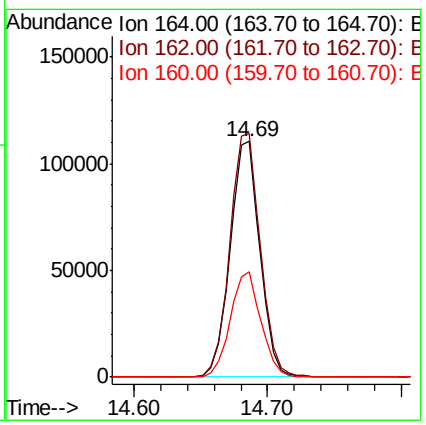


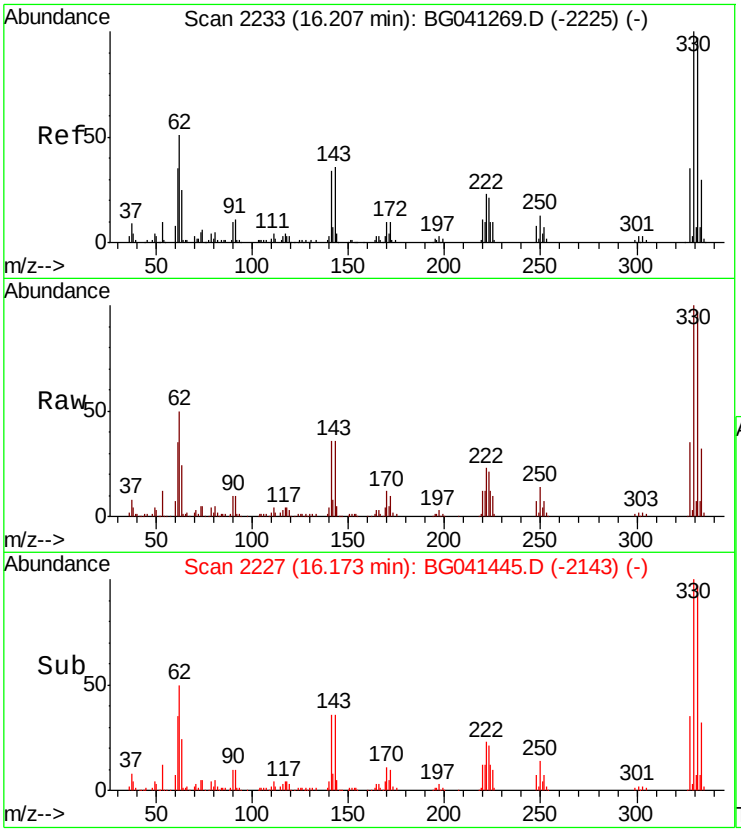


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion:164 Resp: 171393

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.8	124.2
160	45.0	35.8	53.8



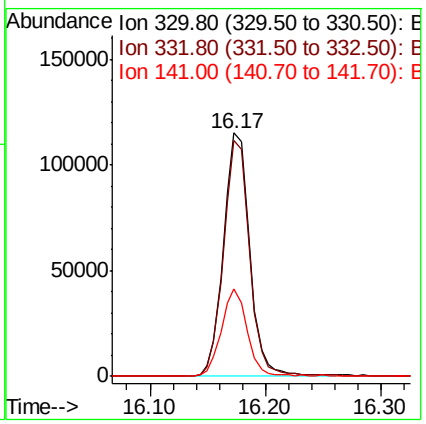


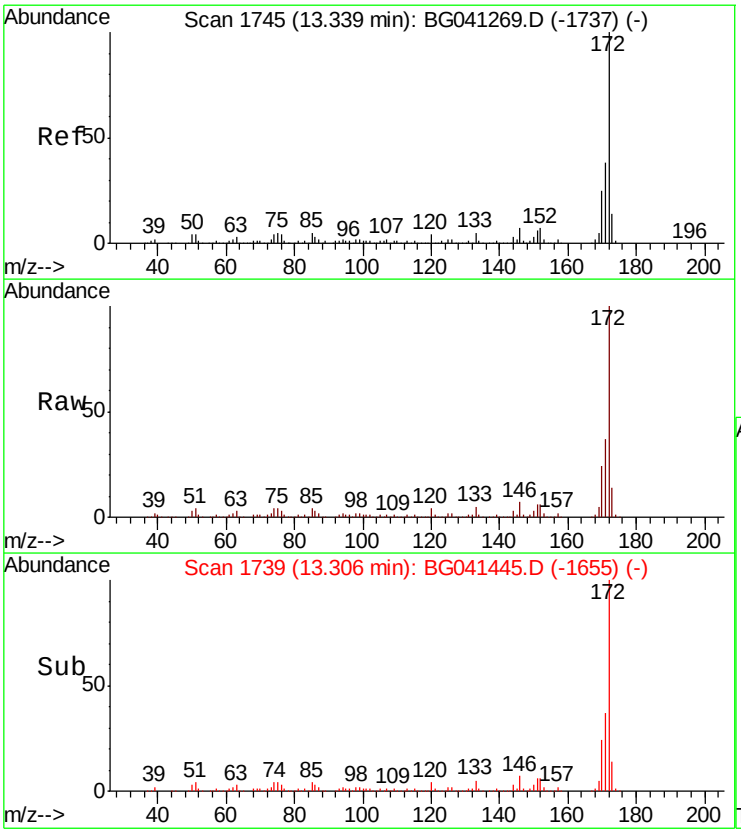
#42
2,4,6-Tribromophenol
Concen: 69.174 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.03 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:330 Resp: 182015

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.5	113.3
141	35.3	29.0	43.4

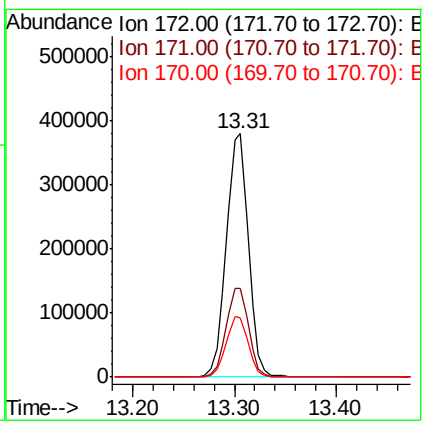


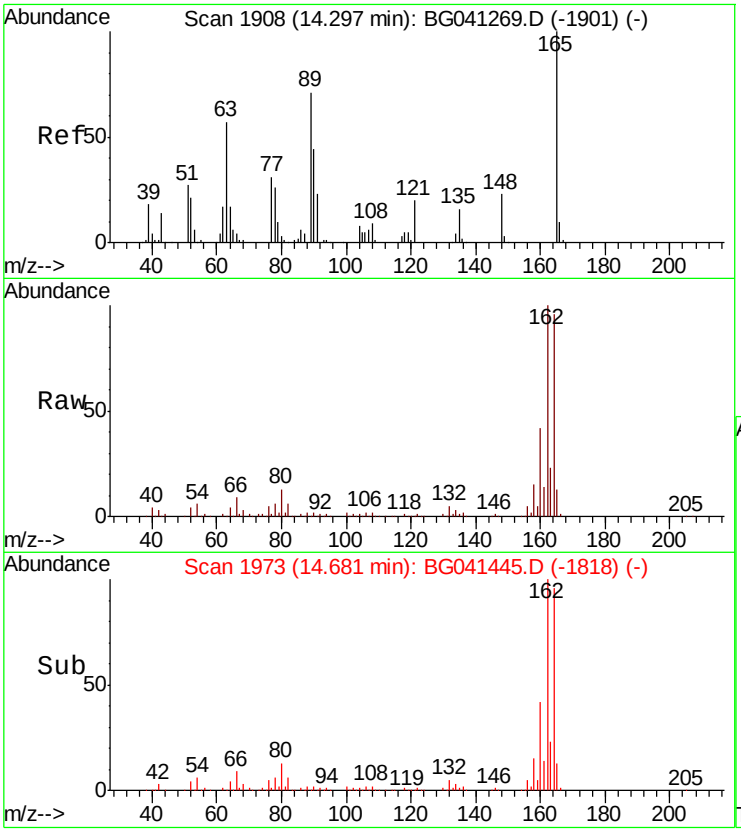


#45
2-Fluorobiphenyl
Concen: 45.597 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion:172 Resp: 574989

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.2	19.8	29.6



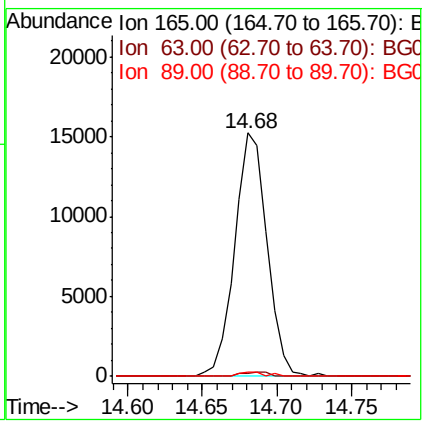


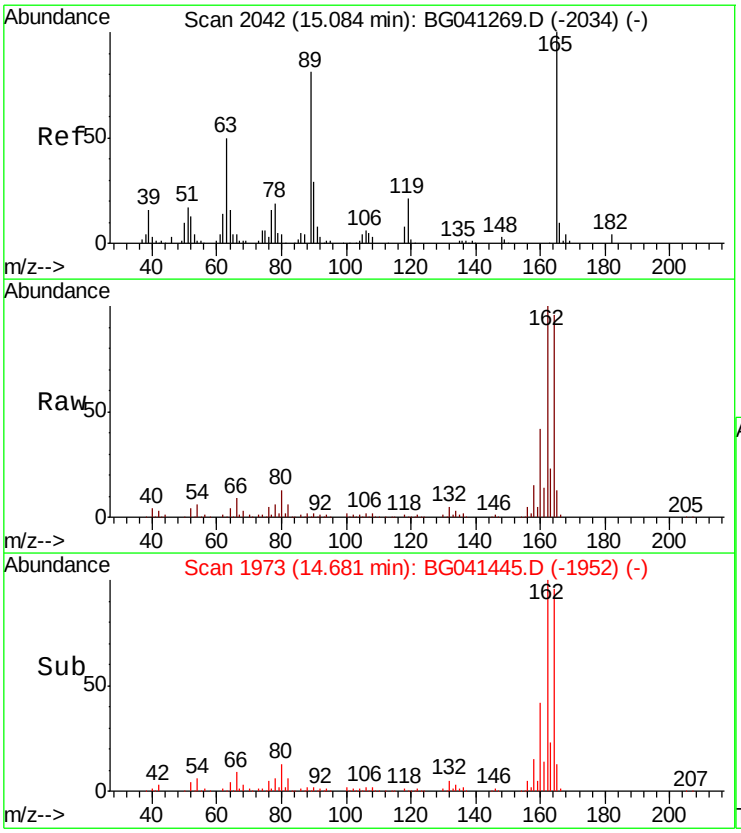
#51
2,6-Dinitrotoluene
Concen: 7.119 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.38 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:165 Resp: 22891

Ion	Ratio	Lower	Upper
165	100		
63	1.5	55.4	83.0#
89	1.9	56.5	84.7#

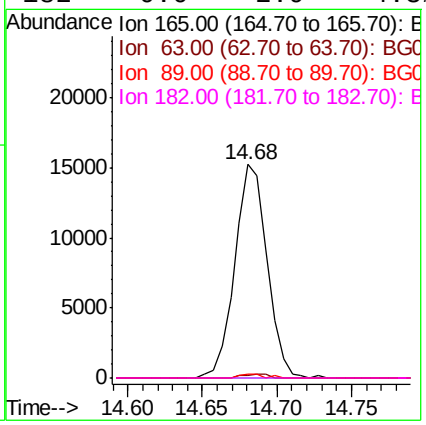


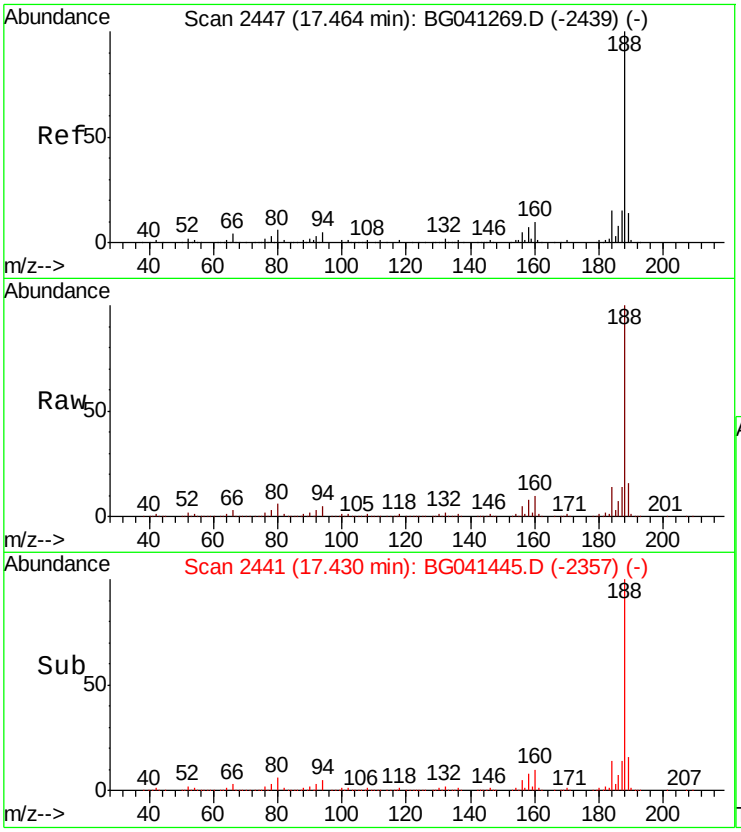


#57
2,4-Dinitrotoluene
Concen: 4.870 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.40 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion:165 Resp: 22891

Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.0	60.0#
89	1.9	64.6	96.8#
182	0.0	2.9	4.3#



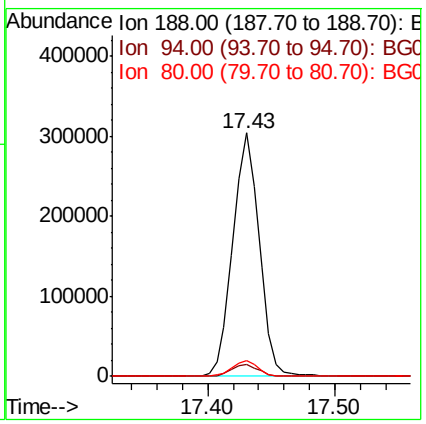


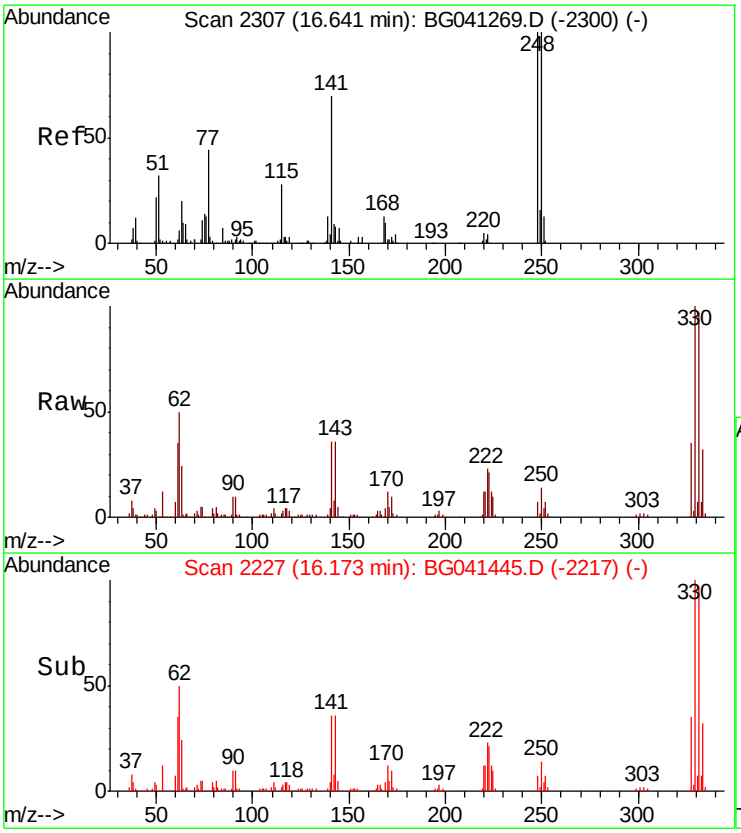
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.03 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:188 Resp: 438437

Ion	Ratio	Lower	Upper
188	100		
94	4.7	3.6	5.4
80	6.3	4.8	7.2

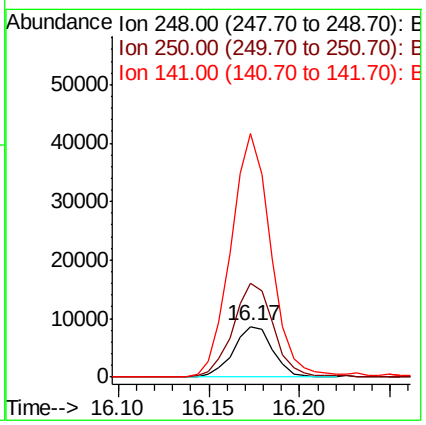


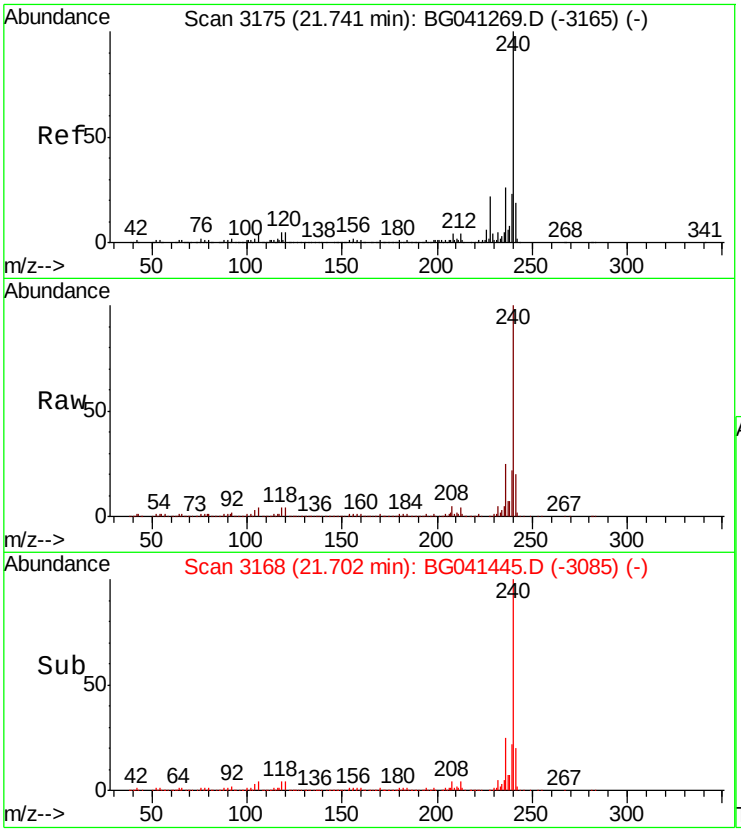


#67
4-Bromophenyl-phenylether
Concen: 2.327 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.47 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion:248 Resp: 13194

Ion	Ratio	Lower	Upper
248	100		
250	185.6	79.8	119.8#
141	482.9	55.8	83.6#



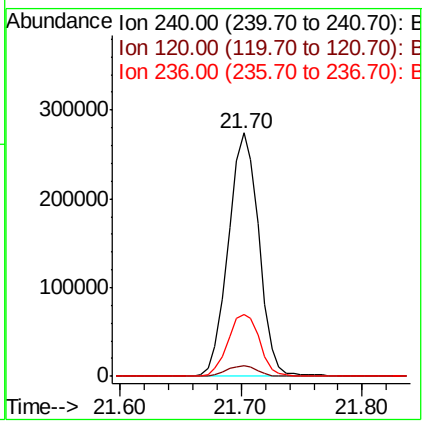


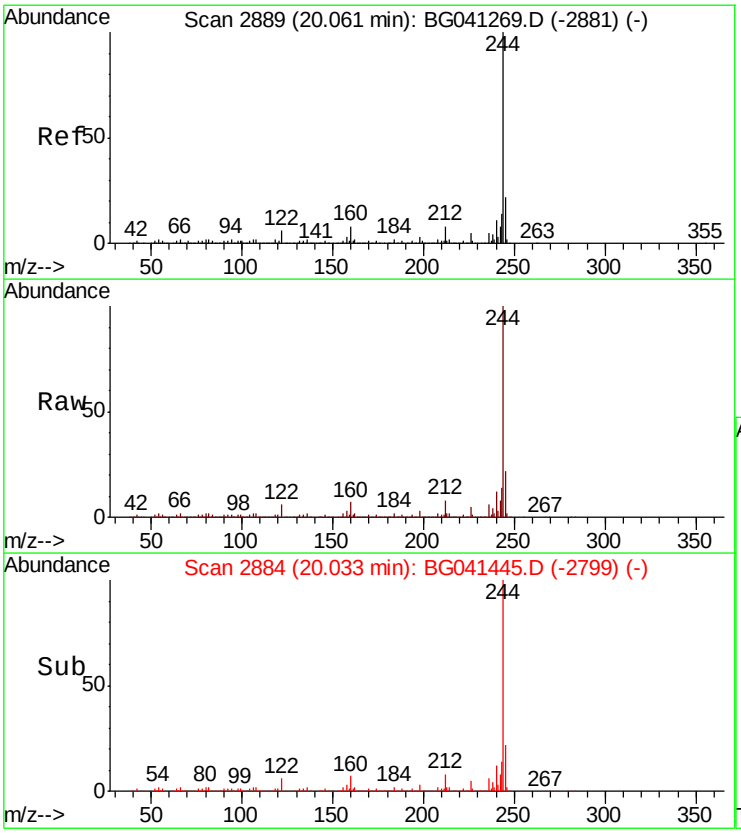
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:240 Resp: 482181

Ion	Ratio	Lower	Upper
240	100		
120	4.4	3.7	5.5
236	25.5	21.1	31.7

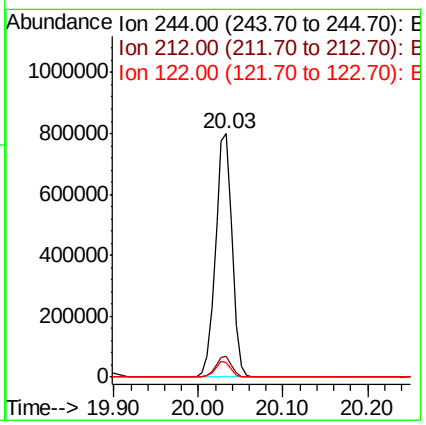


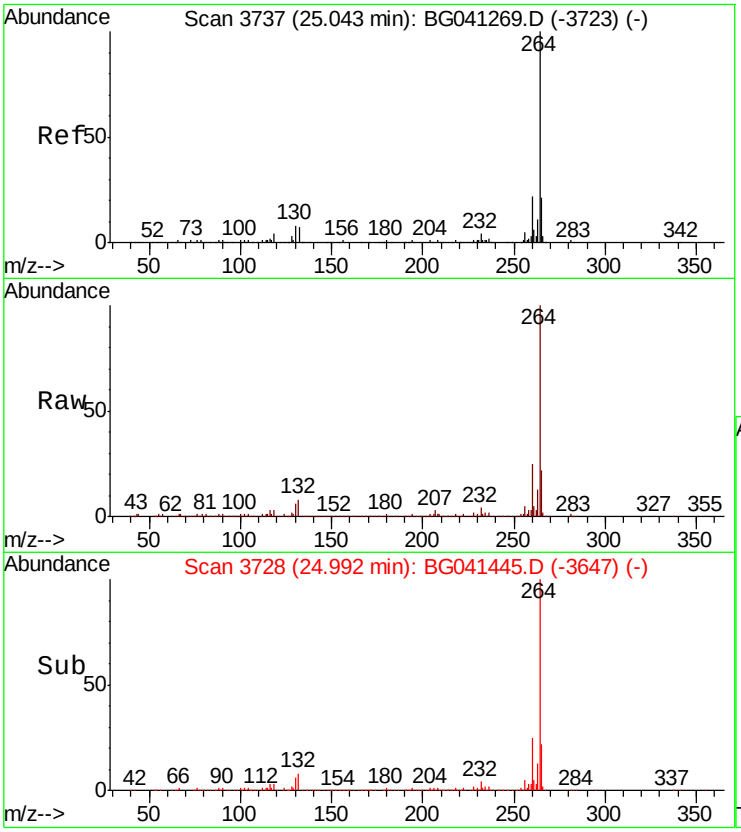


#79
Terphenyl-d14
Concen: 45.529 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Tgt Ion:244 Resp: 1107750

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	10.0
122	5.8	5.0	7.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.05 min
Lab File: BG041445.D
Acq: 25 Jun 2019 15:52

Instrument :
BNA_G
ClientSampleId :
TP-1-MH

Tgt Ion:264 Resp: 512573

Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.2
265	21.7	17.2	25.8