Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
Data File : BG040215.D
Acq On : 29 Mar 2019 1:44
Operator : JU/SJ
Sample : K2107-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1

Quant Time: Mar 29 05:49:07 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	8.07	152	53113	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	209829	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	133019	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	351216	20.00	ng	0.00
76) Chrysene-d12	21.72	240	395004	20.00	ng	0.00
87) Perylene-d12	25.02	264	387561	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	367912	115.15	ng	0.00
7) Phenol-d6	7.22	99	459859	104.15	ng	0.00
23) Nitrobenzene-d5	9.24	82	339234	85.93	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	208389	144.96	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	763277	85.03	ng	0.00
79) Terphenyl-d14	20.05	244	1434985	81.73	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.24	70	42942	13.564	ng	# 72
51) 2,6-Dinitrotoluene	14.70	165	17541	7.504	ng	# 26
57) 2,4-Dinitrotoluene	14.70	165	17541	5.400	ng	# 26
67) 4-Bromophenyl-phenylether	16.19	248	15964	4.039	ng	# 1

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

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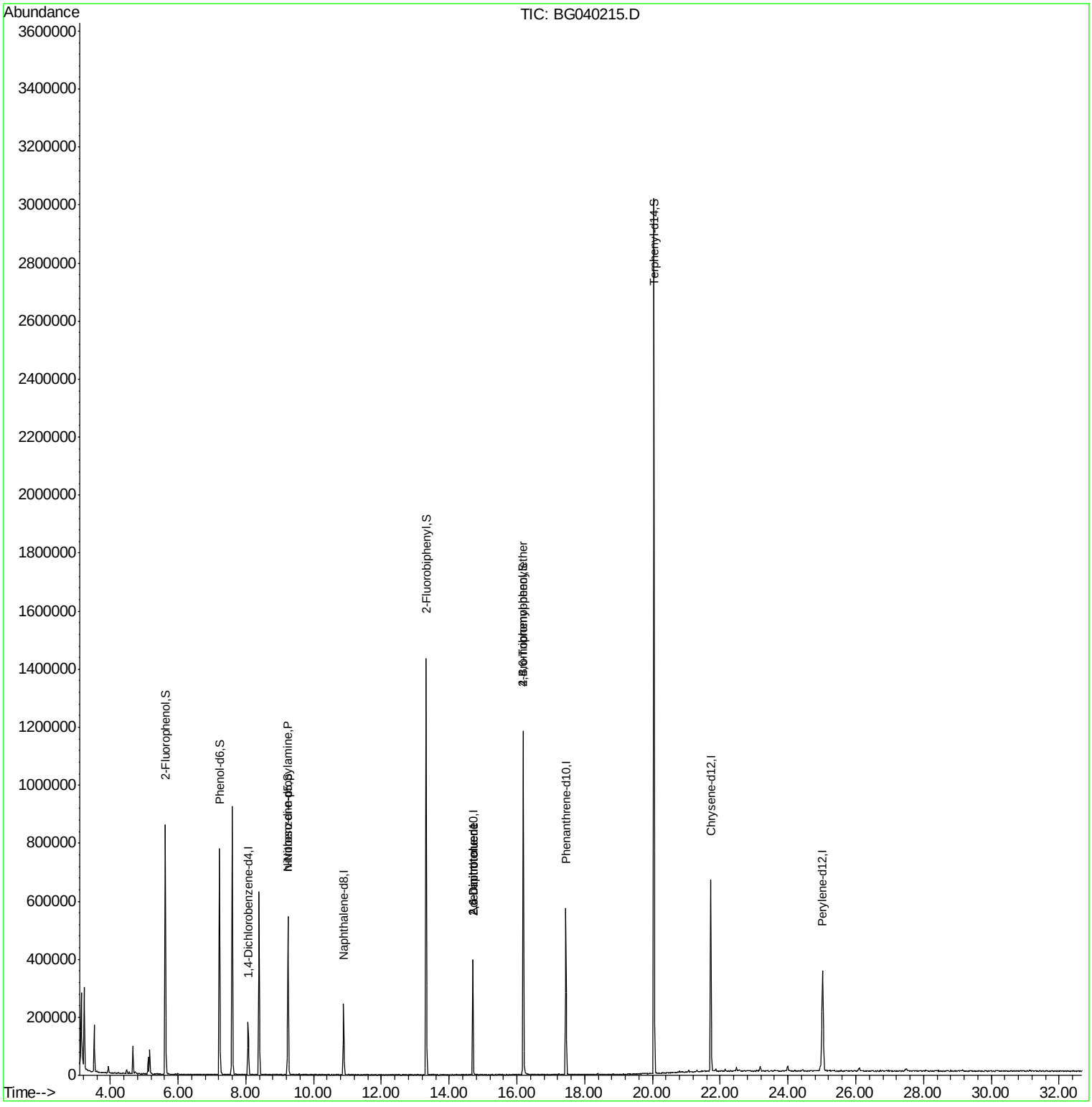
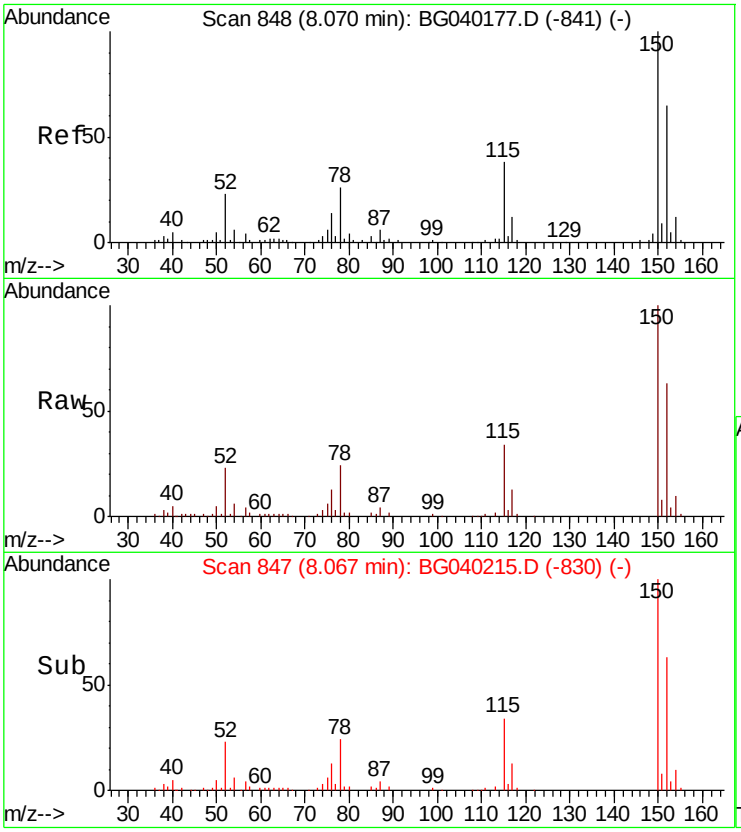


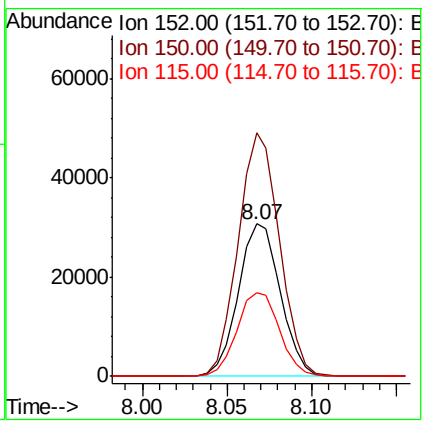


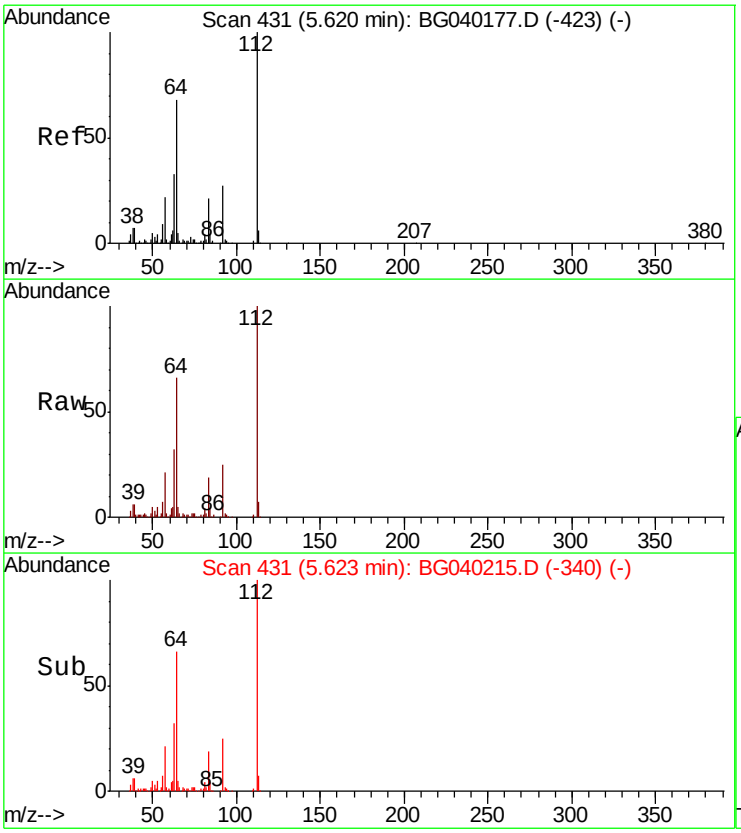
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 53113

Ion	Ratio	Lower	Upper
152	100		
150	160.0	123.7	185.5
115	55.0	46.9	70.3

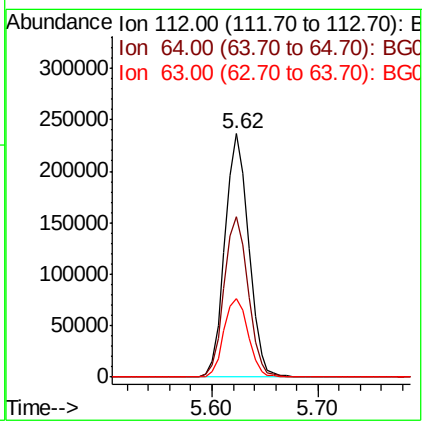


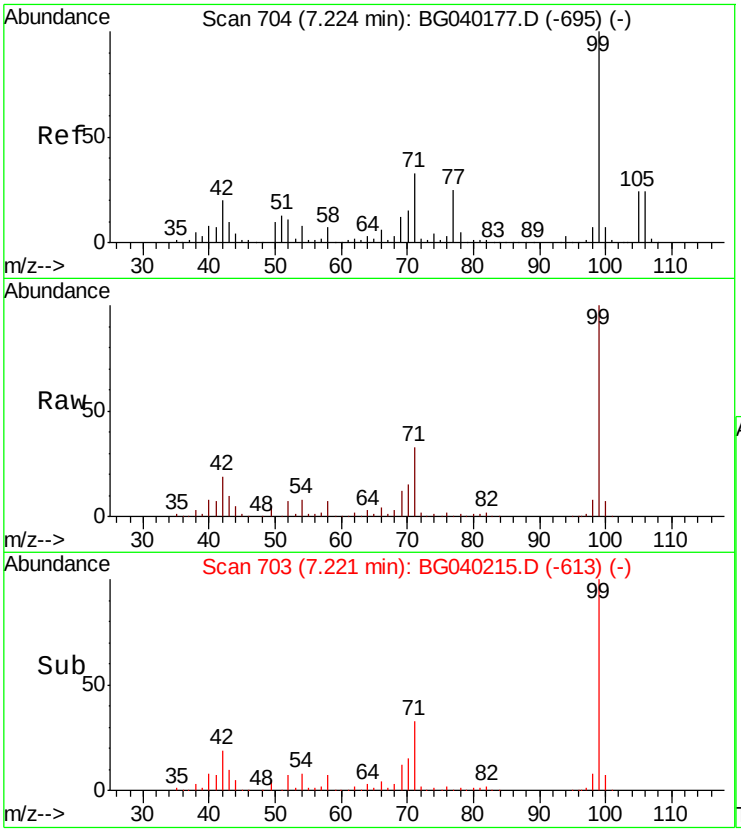


#5
2-Fluorophenol
Concen: 115.155 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Tgt Ion:112 Resp: 367912

Ion	Ratio	Lower	Upper
112	100		
64	66.2	54.2	81.2
63	32.0	26.4	39.6



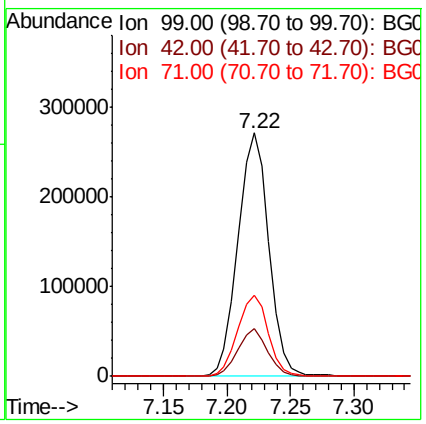


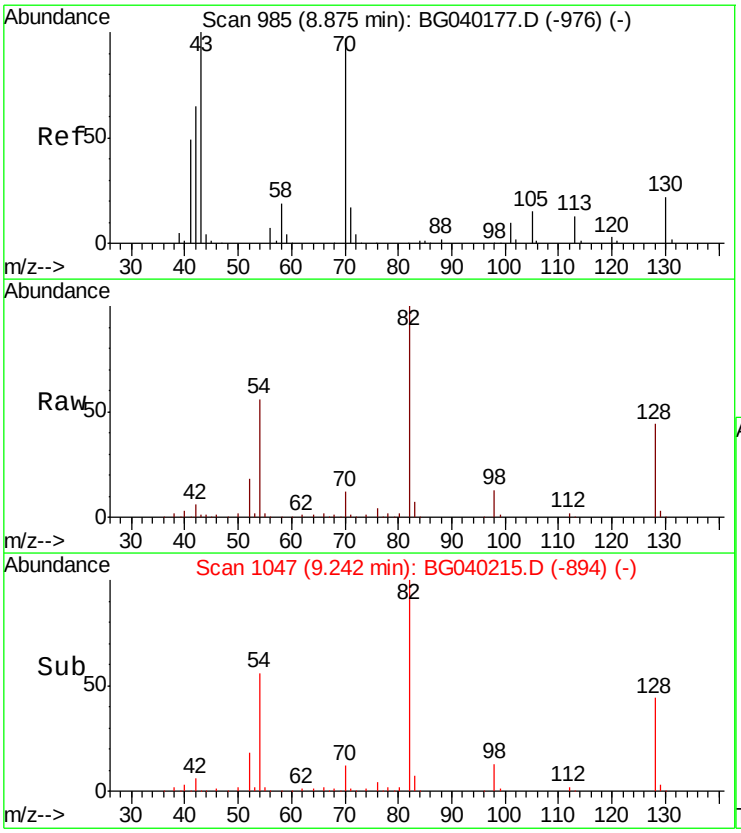
#7
Phenol-d6
Concen: 104.148 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.00 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 459859

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	33.1	26.8	40.2

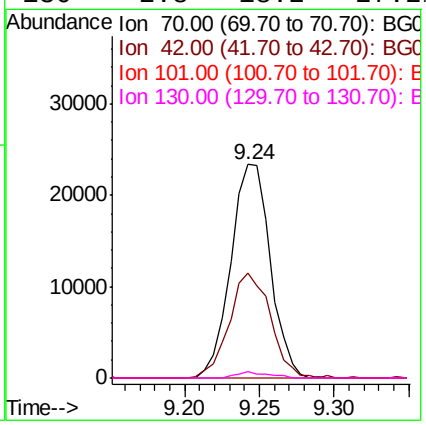


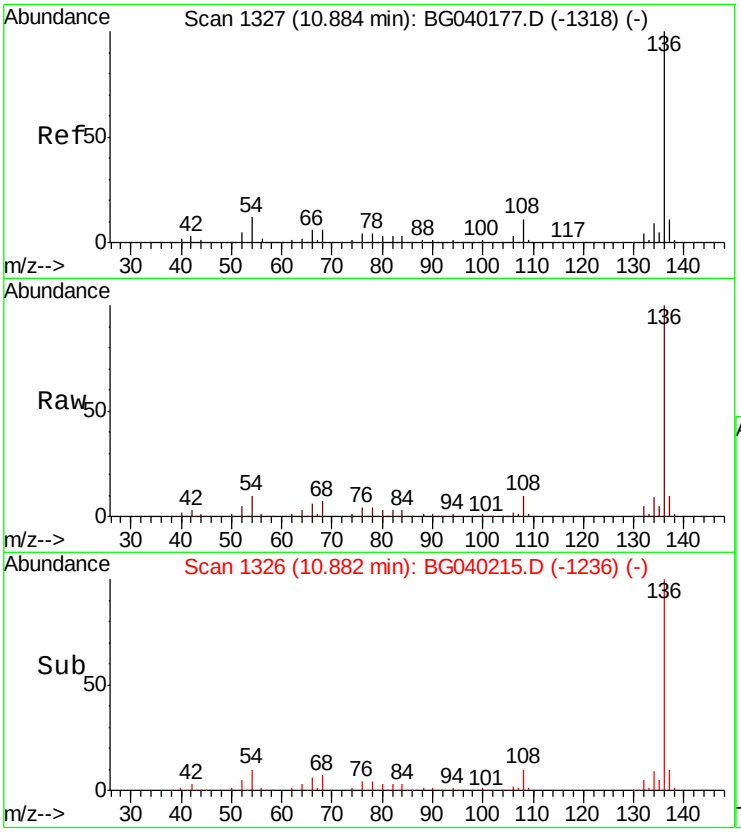


#19
n-Nitroso-di-n-propylamine
Concen: 13.564 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Tgt Ion: 70 Resp: 42942

Ion	Ratio	Lower	Upper
70	100		
42	49.2	54.0	81.0#
101	0.0	8.6	13.0#
130	2.8	18.2	27.2#



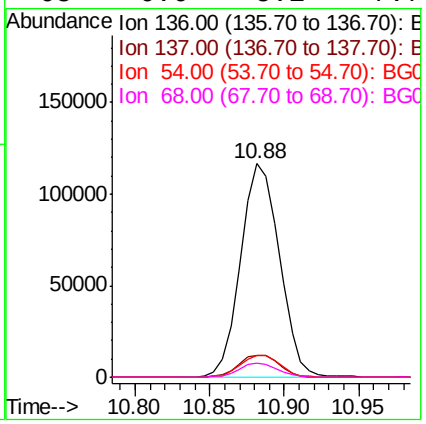


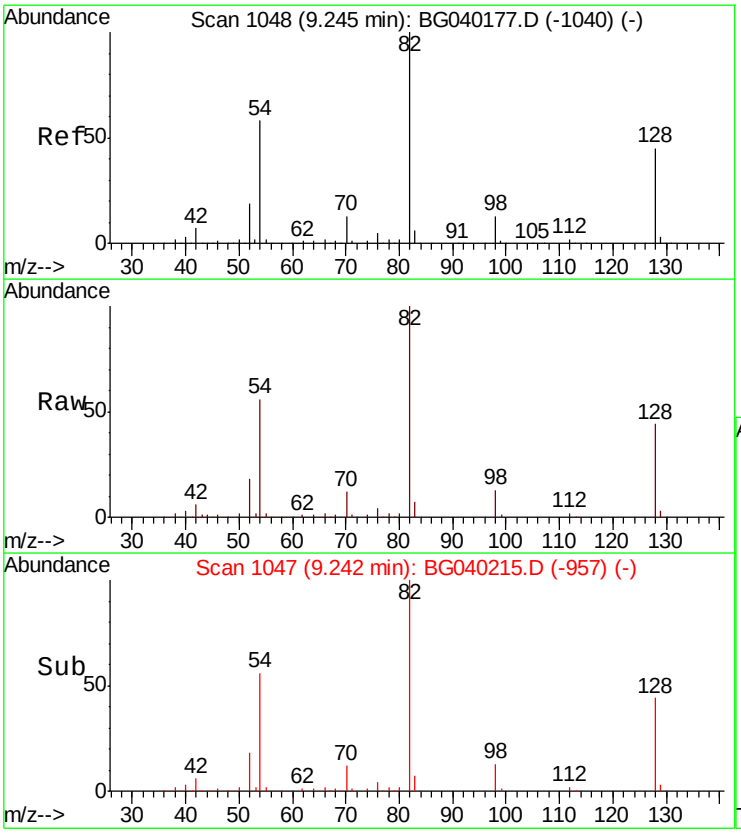
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 209829

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	10.4	9.6	14.4
68	6.6	5.1	7.7

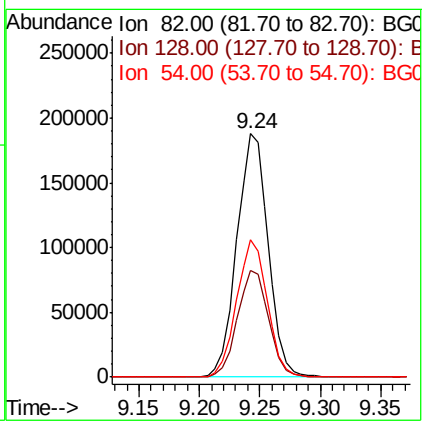


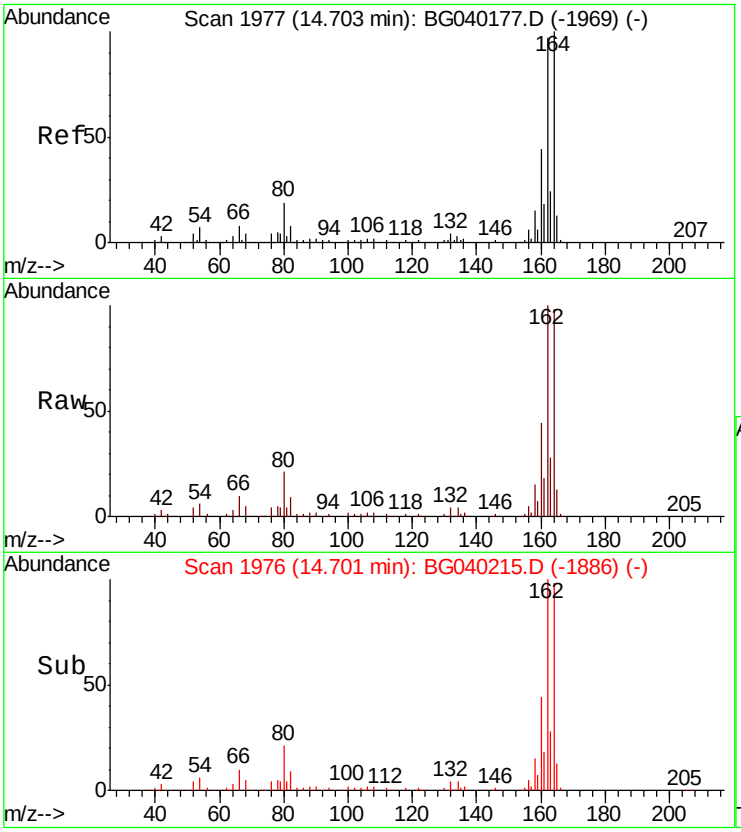


#23
Nitrobenzene-d5
Concen: 85.934 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Tgt Ion: 82 Resp: 339234

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.8
54	56.4	46.2	69.2



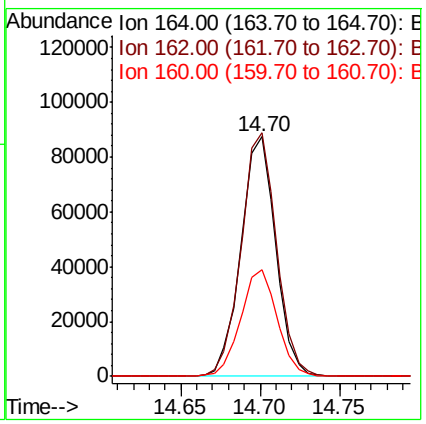


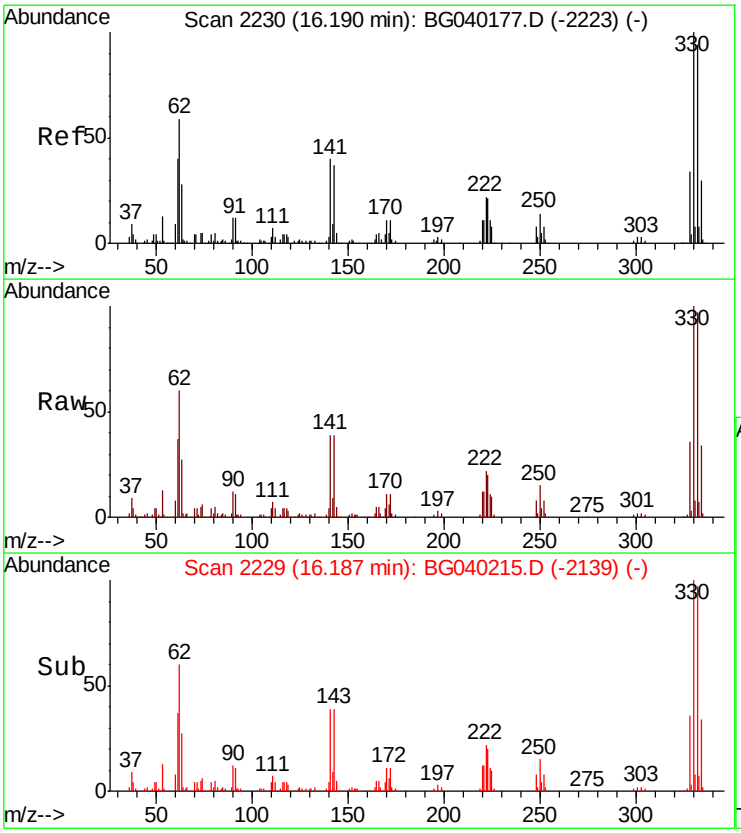
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:164 Resp: 133019

Ion	Ratio	Lower	Upper
164	100		
162	101.7	77.4	116.2
160	44.6	35.3	52.9

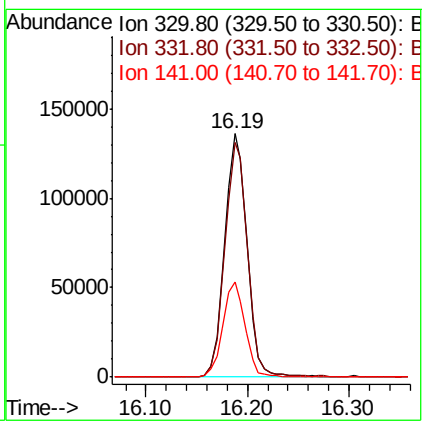


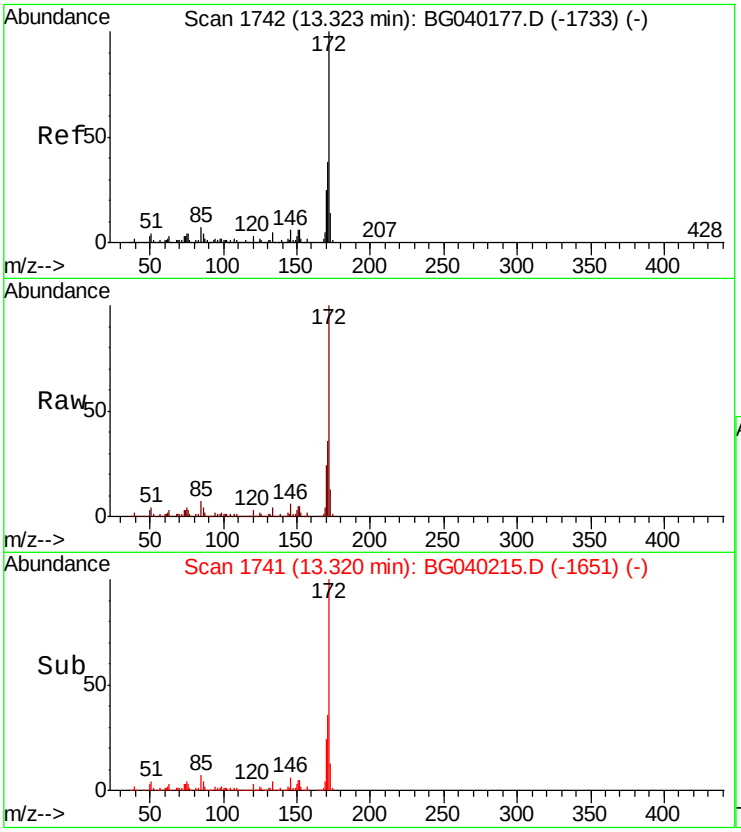


#42
2,4,6-Tribromophenol
Concen: 144.957 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Tgt Ion:330 Resp: 208389

Ion	Ratio	Lower	Upper
330	100		
332	97.9	76.6	115.0
141	39.0	32.6	48.8



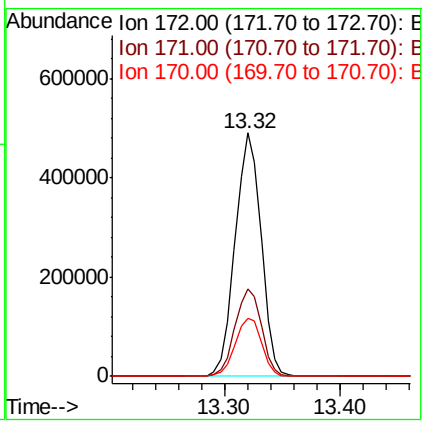


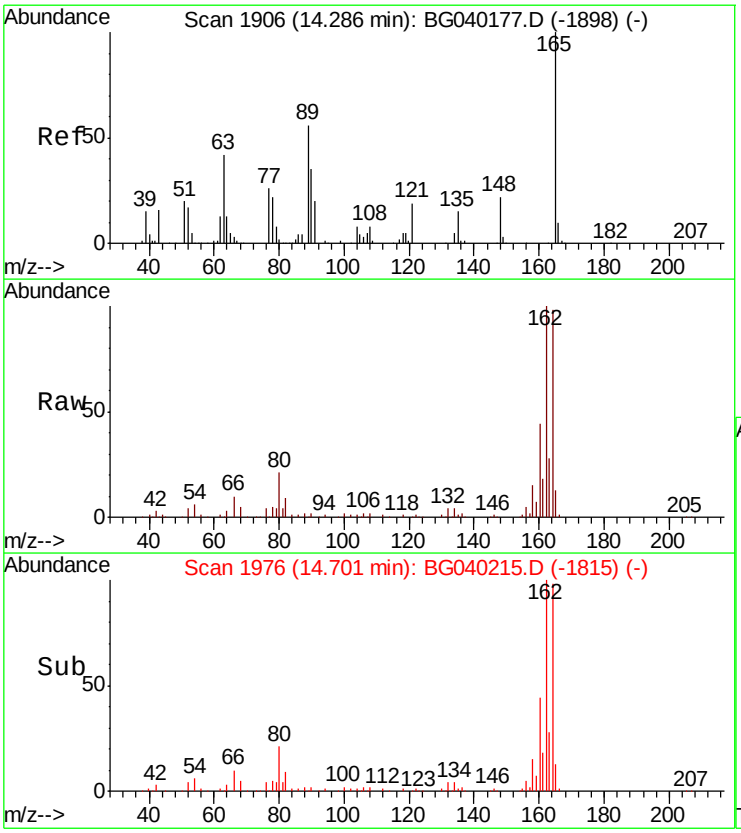
#45
2-Fluorobiphenyl
Concen: 85.025 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:172 Resp: 763277

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.5	45.7
170	23.9	20.1	30.1

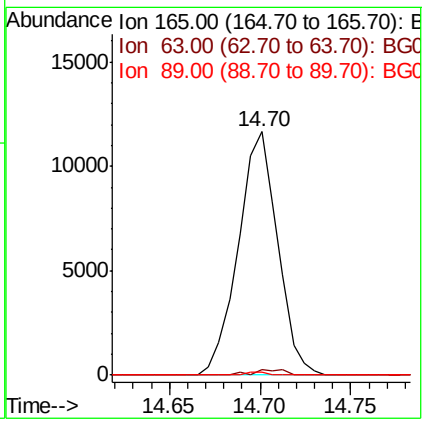


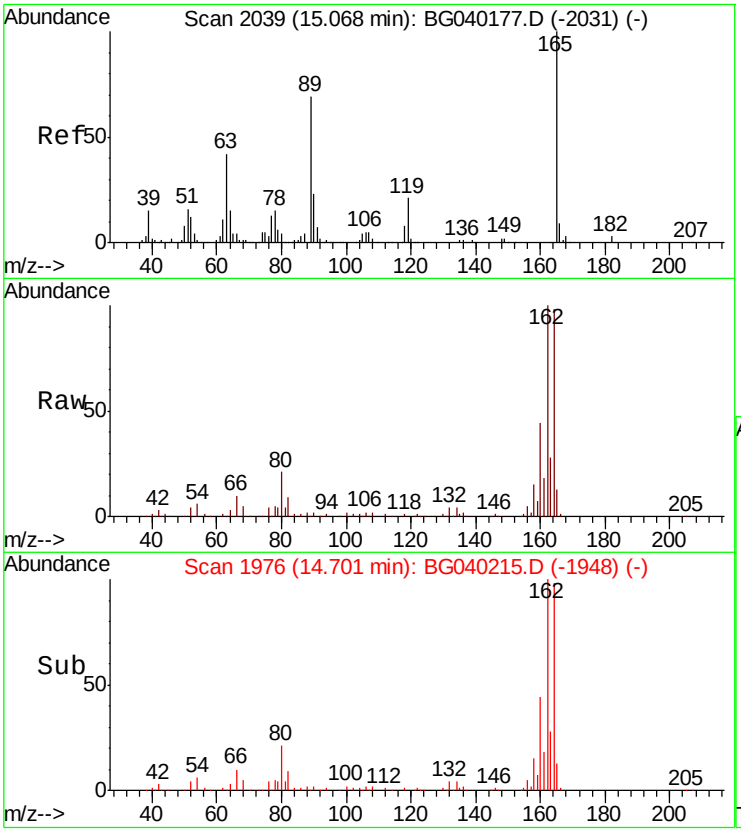


#51
2,6-Dinitrotoluene
Concen: 7.504 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.41 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Tgt Ion:165 Resp: 17541

Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.1	66.1#
89	1.5	44.9	67.3#



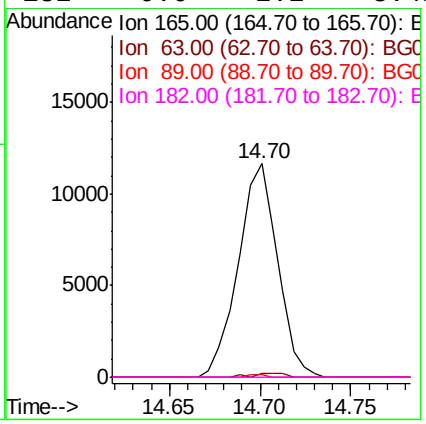


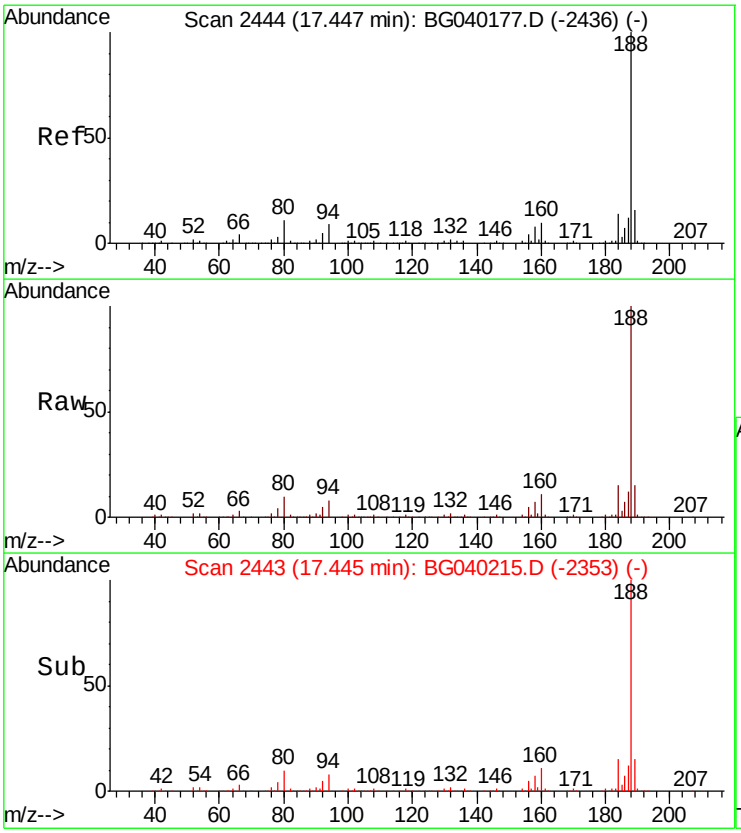
#57
2,4-Dinitrotoluene
Concen: 5.400 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.37 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:165 Resp: 17541

Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.8	50.6#
89	1.5	55.4	83.2#
182	0.0	2.2	3.4#

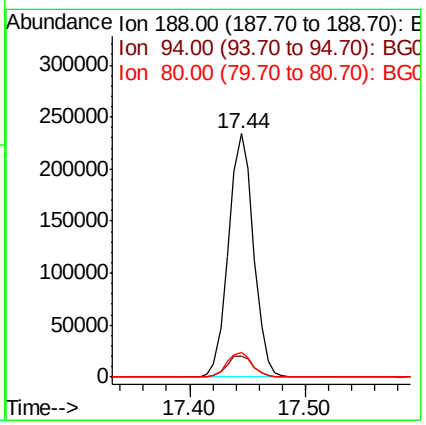


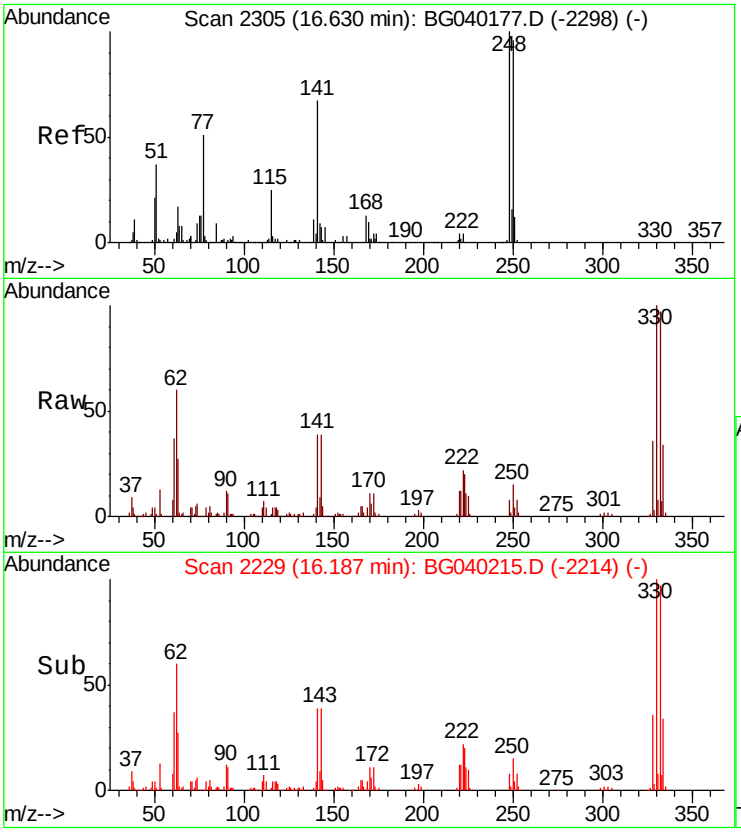


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Tgt Ion:188 Resp: 351216

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	10.0	8.6	13.0



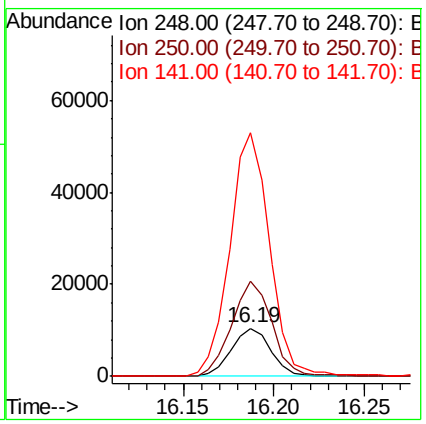


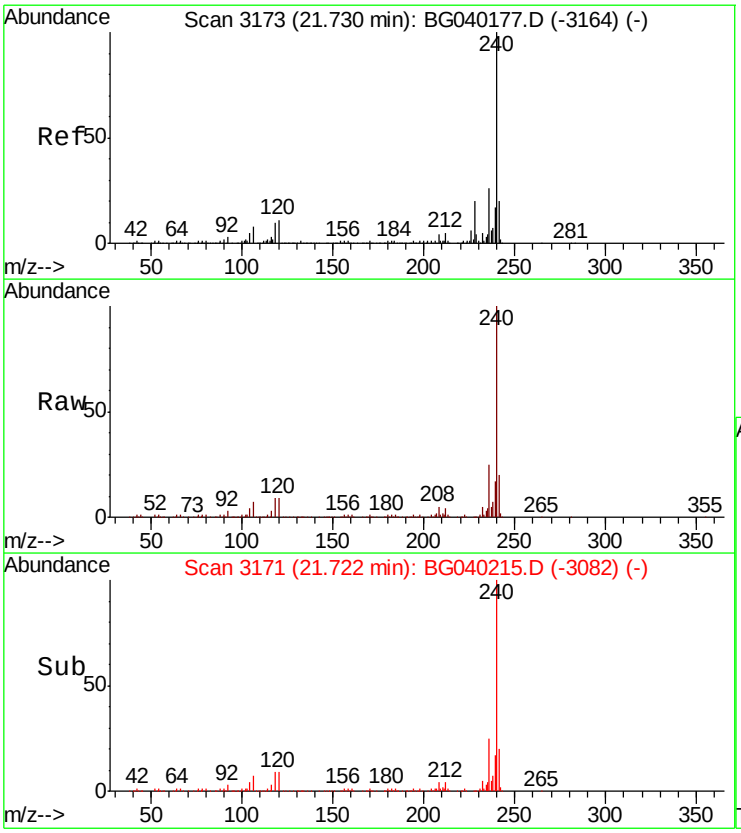
#67
4-Bromophenyl-phenylether
Concen: 4.039 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:248 Resp: 15964

Ion	Ratio	Lower	Upper
248	100		
250	198.7	76.4	114.6#
141	506.3	53.8	80.8#

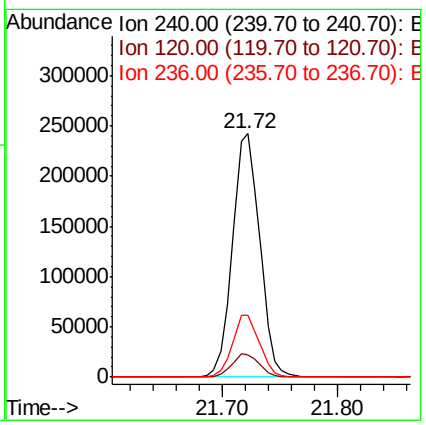


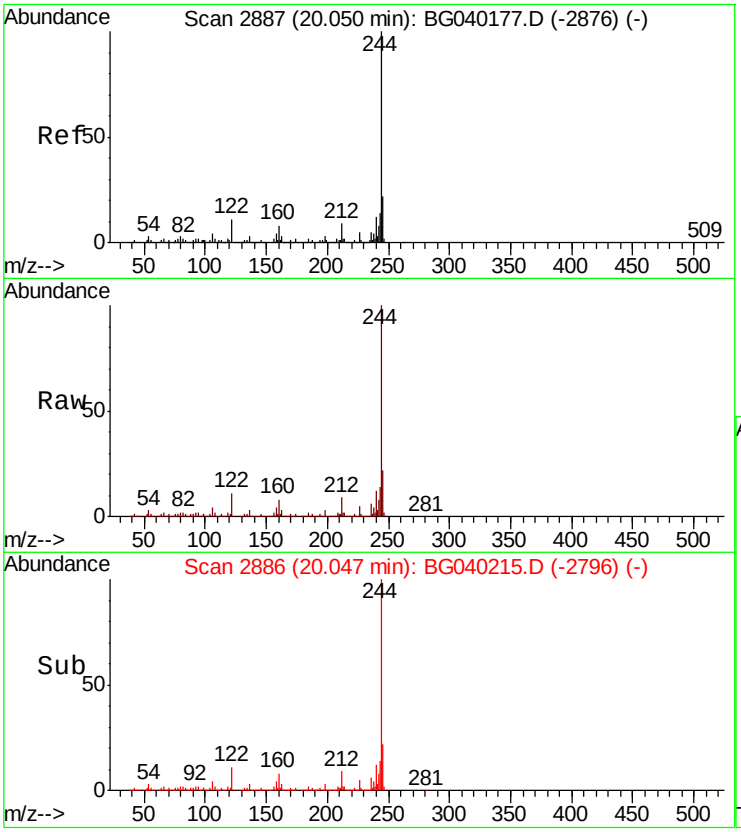


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Tgt Ion:240 Resp: 395004

Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.4	12.6
236	25.4	20.8	31.2



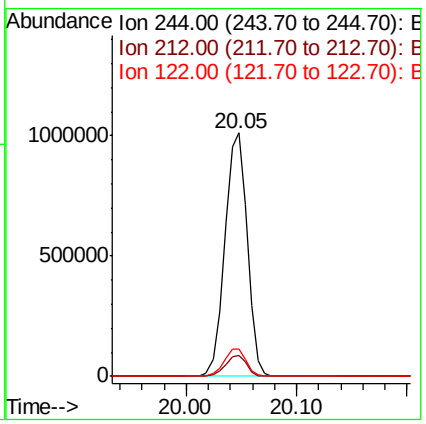


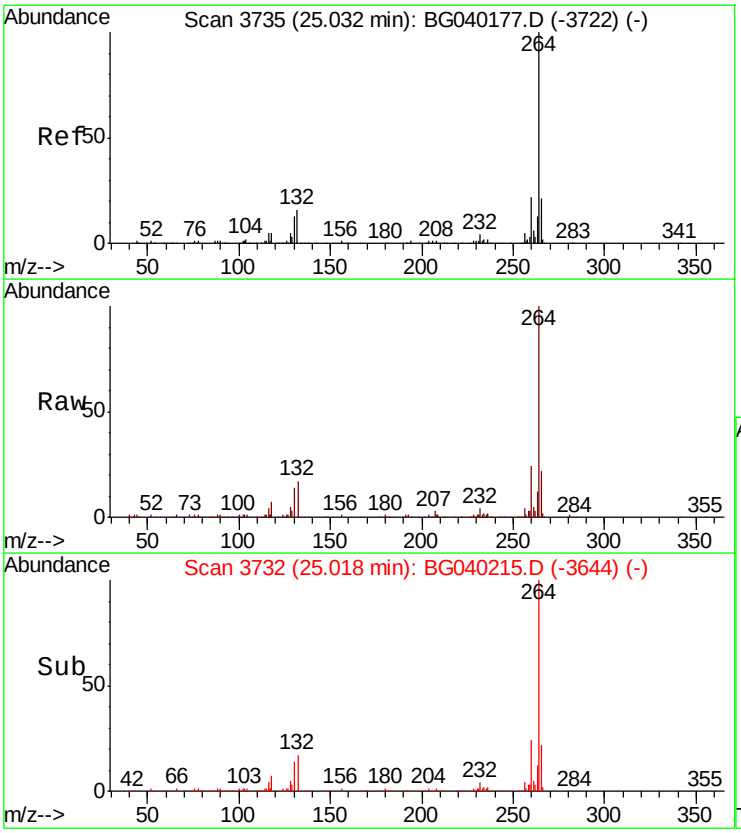
#79
Terphenyl-d14
Concen: 81.726 ng
RT: 20.05 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion:244 Resp: 1434985

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	11.1	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG040215.D
Acq: 29 Mar 2019 1:44

Tgt Ion:264 Resp: 387561

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.9	26.9
265	22.1	16.8	25.2