Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
Data File : BG035885.D
Acq On : 25 Jul 2018 22:23
Operator : JU/SJ
Sample : J4140-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-F-8(115-117)

Quant Time: Jul 26 01:41:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	31350	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	119850	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	96044	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	282795	20.00	ng		0.00
75) Chrysene-d12	21.66	240	293009	20.00	ng		0.00
86) Perylene-d12	24.85	264	282575	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	197967	104.84	ng		0.00
7) Phenol-d6	7.19	99	289987	102.93	ng		0.00
23) Nitrobenzene-d5	9.19	82	184522	64.32	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	147955	116.88	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	441340	61.56	ng		0.00
78) Terphenyl-d14	20.00	244	847965	63.79	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.22	94	12919	4.539	ng		85
19) n-Nitroso-di-n-propylamine	9.19	70	25385	10.700	ng	#	67
49) Dimethylphthalate	14.10	163	42728	5.078	ng	#	92
50) 2,6-Dinitrotoluene	14.65	165	12785	7.461	ng	#	20
56) 2,4-Dinitrotoluene	14.65	165	12785	5.201	ng	#	18
66) 4-Bromophenyl-phenylether	16.14	248	12730	3.880	ng	#	1

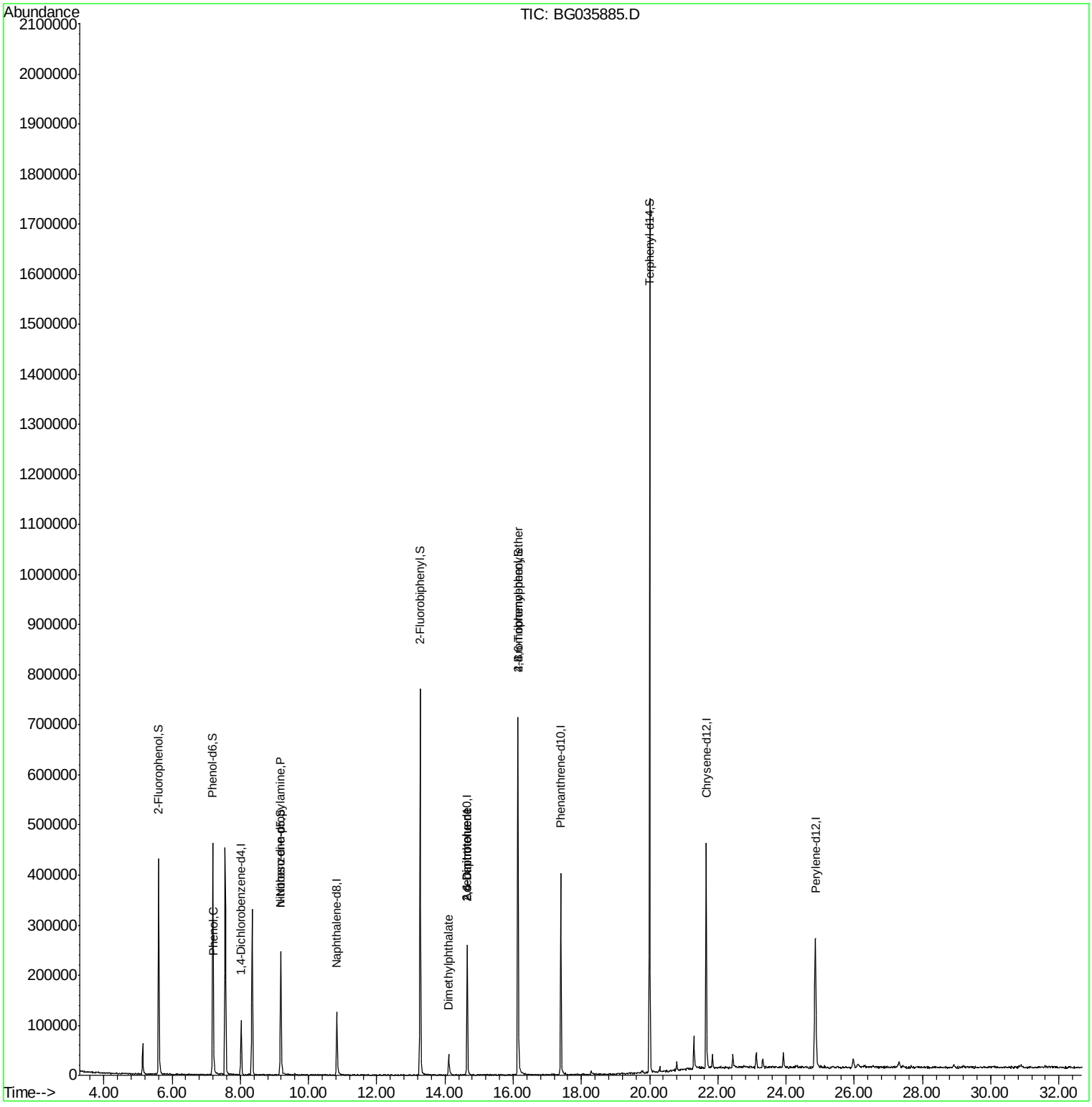
(#) = qualifier out of range (m) = manual integration (+) = signals summed

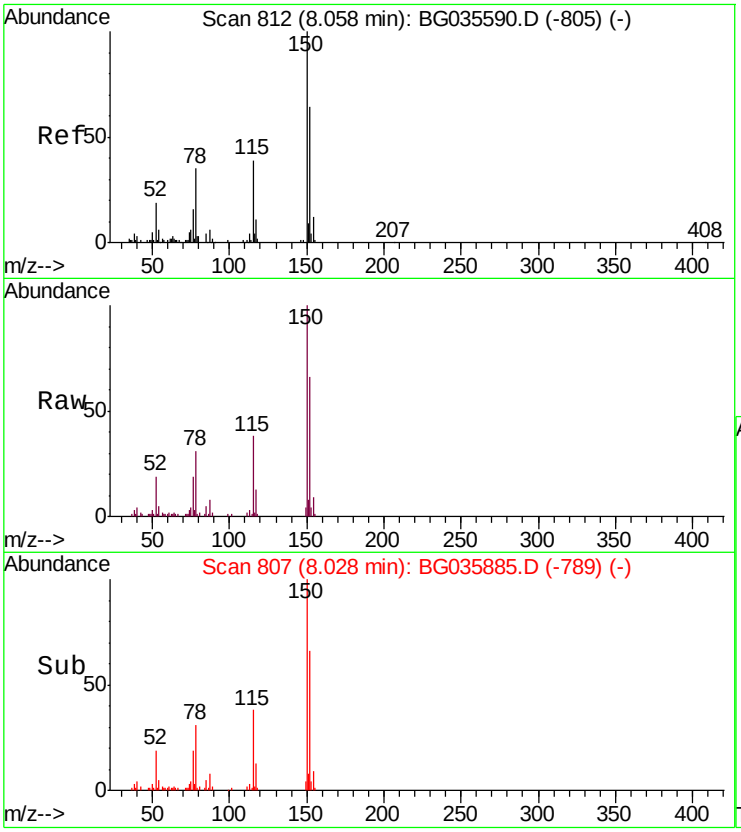
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
Data File : BG035885.D
Acq On : 25 Jul 2018 22:23
Operator : JU/SJ
Sample : J4140-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

Quant Time: Jul 26 01:41:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration



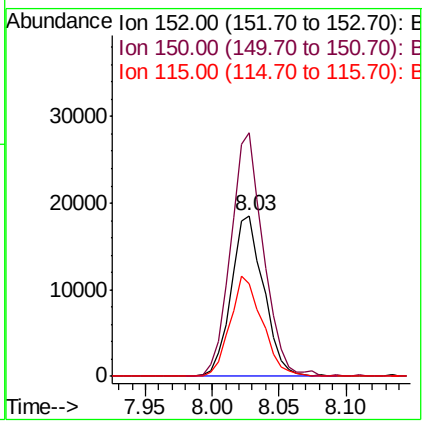


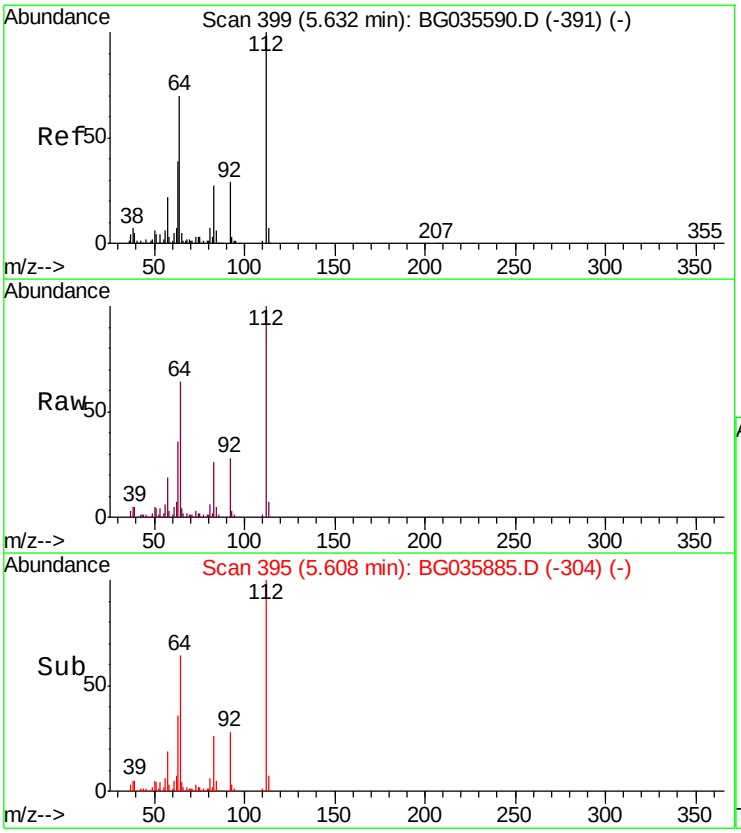
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

Tgt Ion:152 Resp: 31350

Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	57.8	53.0	79.4

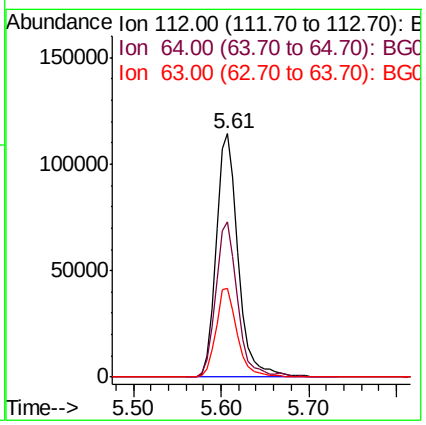


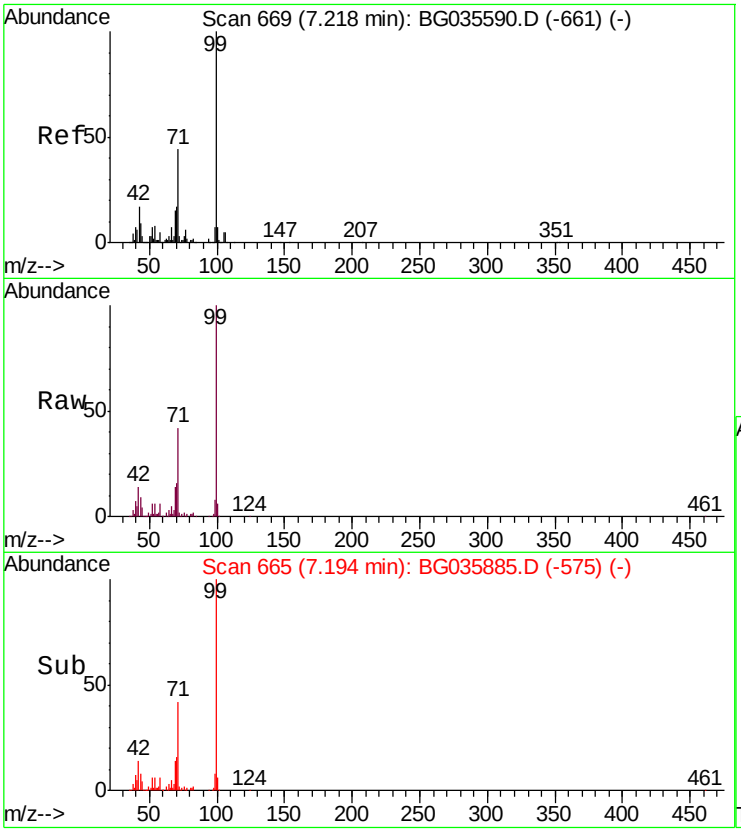


#5
2-Fluorophenol
Concen: 104.839 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion:112 Resp: 197967

Ion	Ratio	Lower	Upper
112	100		
64	63.6	56.3	84.5
63	36.4	30.1	45.1



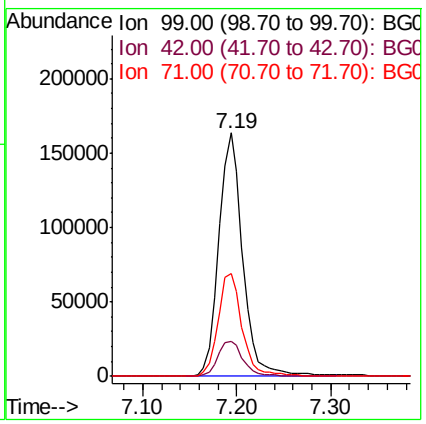


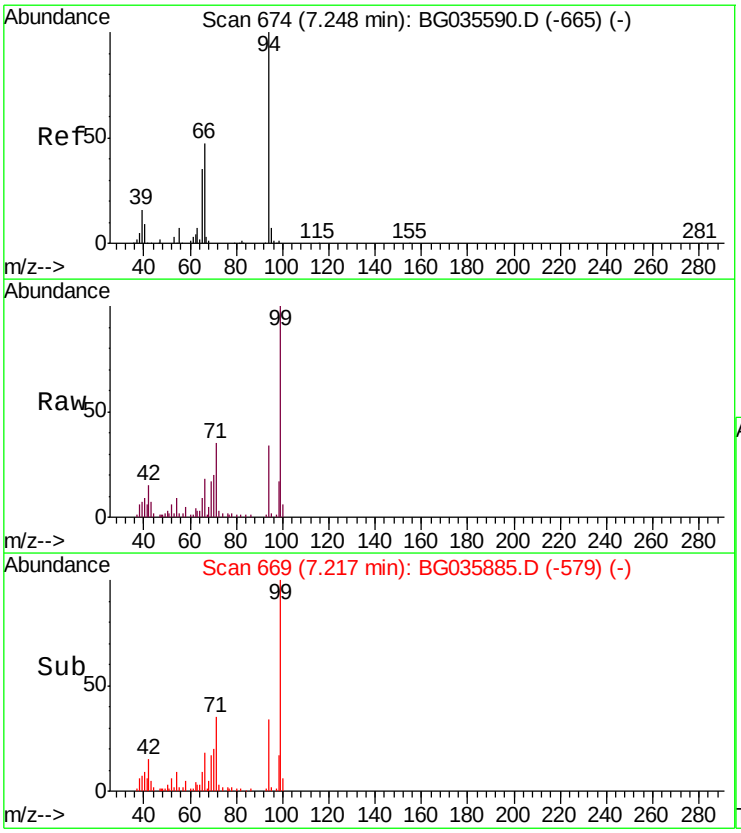
#7
Phenol-d6
Concen: 102.931 ng
RT: 7.19 min Scan# 665
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

Tgt Ion: 99 Resp: 289987

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.1	21.1
71	42.5	26.1	39.1#

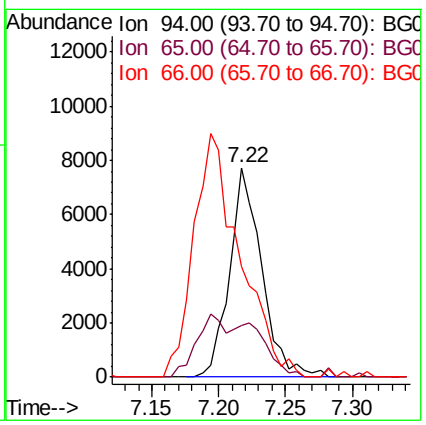


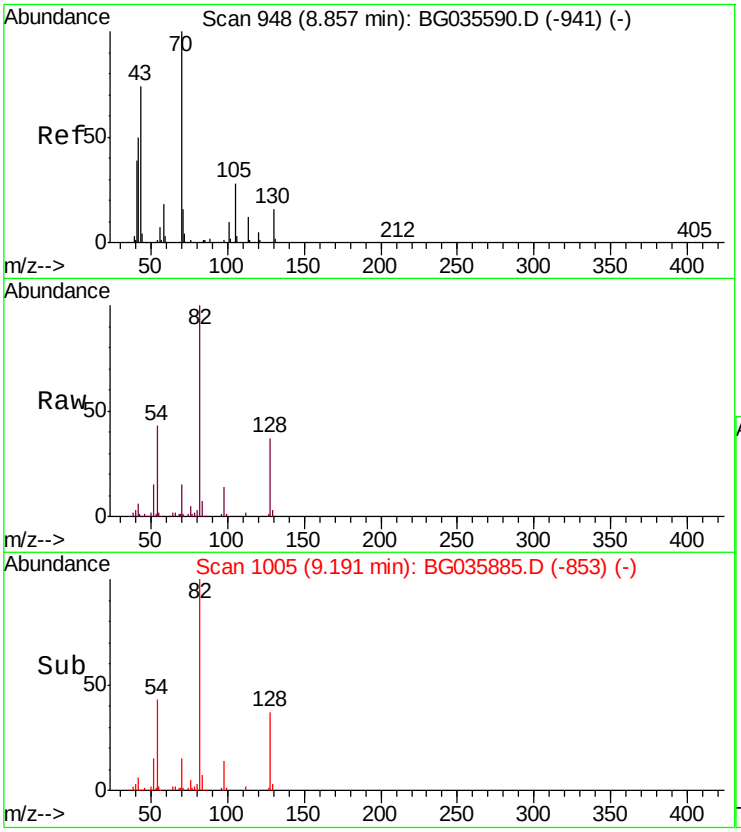


#10
Phenol
Concen: 4.539 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion: 94 Resp: 12919

Ion	Ratio	Lower	Upper
94	100		
65	24.9	11.9	51.9
66	52.7	22.2	62.2



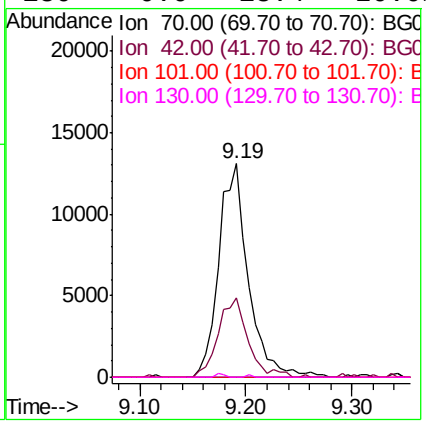


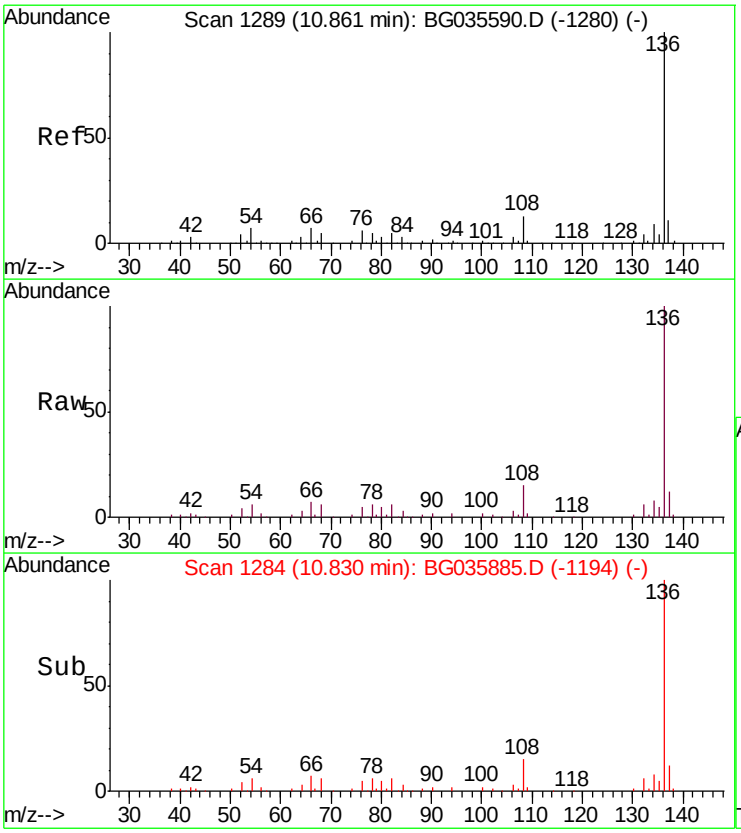
#19
n-Nitroso-di-n-propylamine
Concen: 10.700 ng
RT: 9.19 min Scan# 1005
Delta R.T. 0.36 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

Tgt Ion: 70 Resp: 25385

Ion	Ratio	Lower	Upper
70	100		
42	37.1	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#

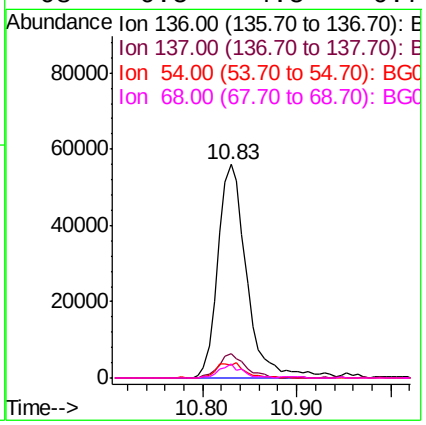


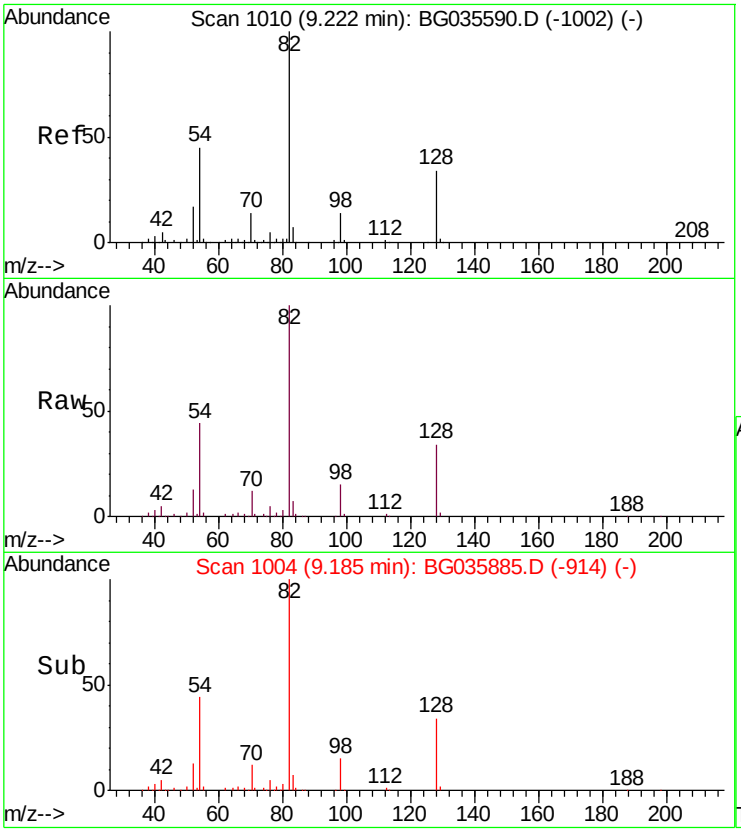


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion:136 Resp: 119850

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.0	10.3	15.5#
68	6.5	4.5	6.7



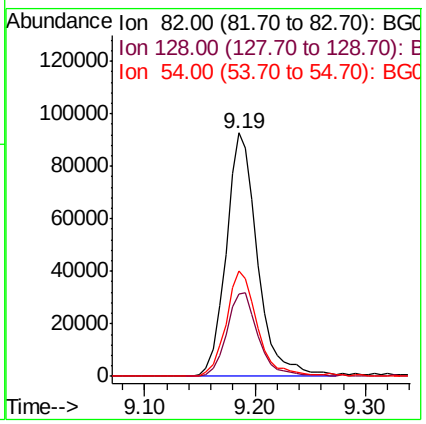


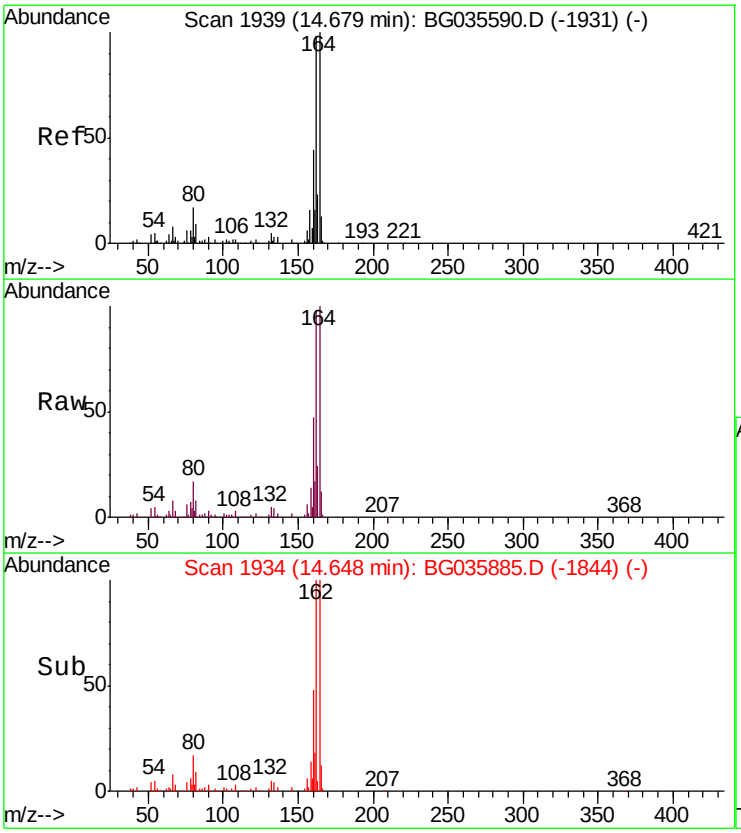
#23
Nitrobenzene-d5
Concen: 64.317 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

Tgt Ion: 82 Resp: 184522

Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	43.5	43.1	64.7

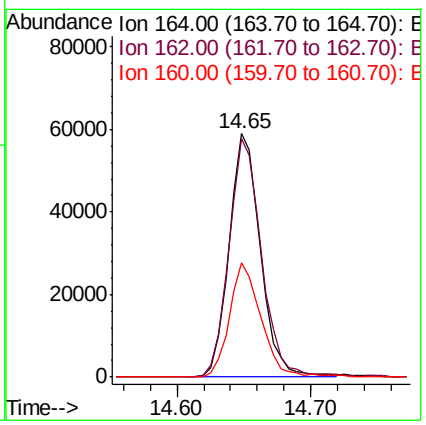


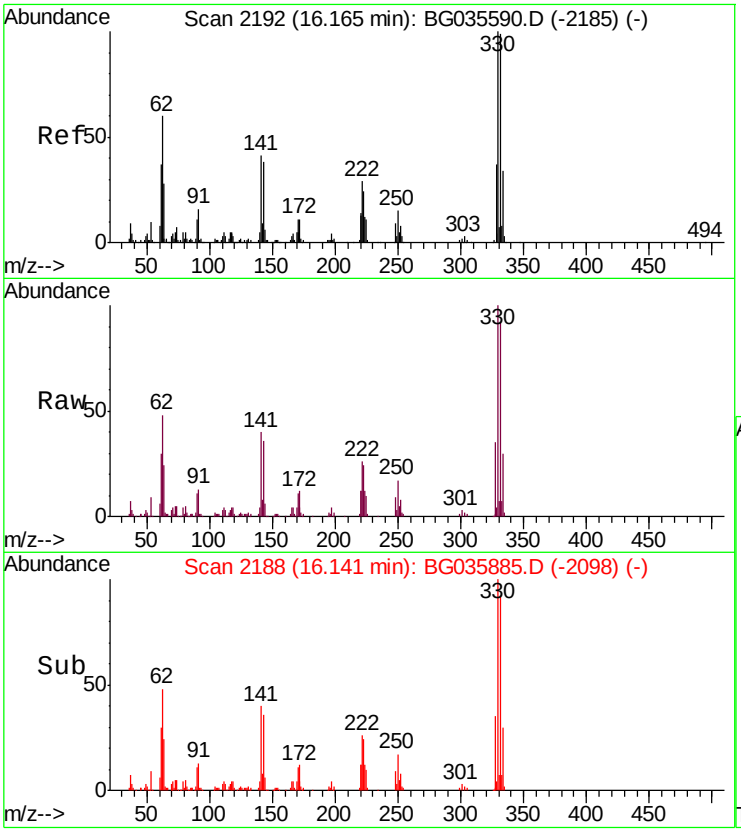


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion:164 Resp: 96044

Ion	Ratio	Lower	Upper
164	100		
162	98.1	78.8	118.2
160	47.0	35.4	53.0



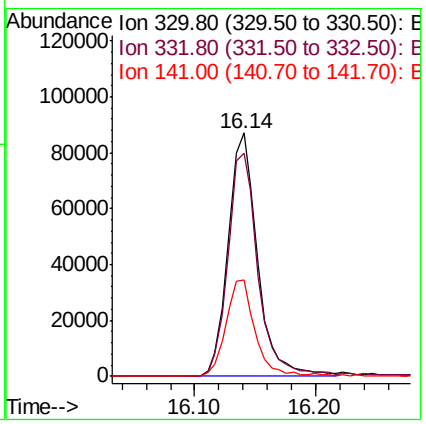


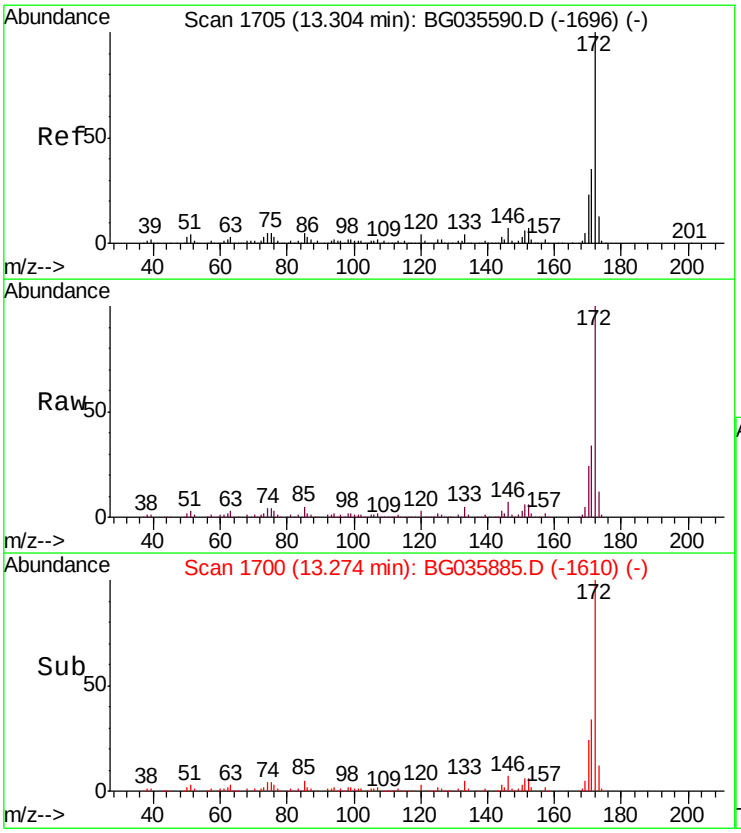
#41
2,4,6-Tribromophenol
Concen: 116.875 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

Tgt Ion:330 Resp: 147955

Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	38.7	25.2	37.8#

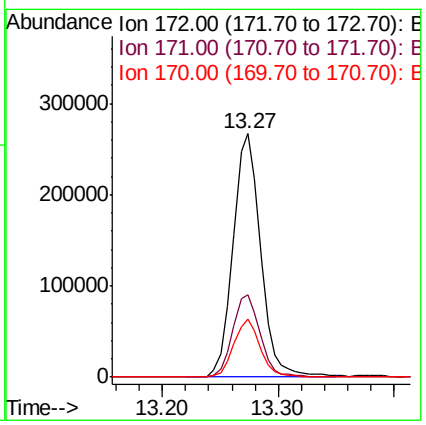


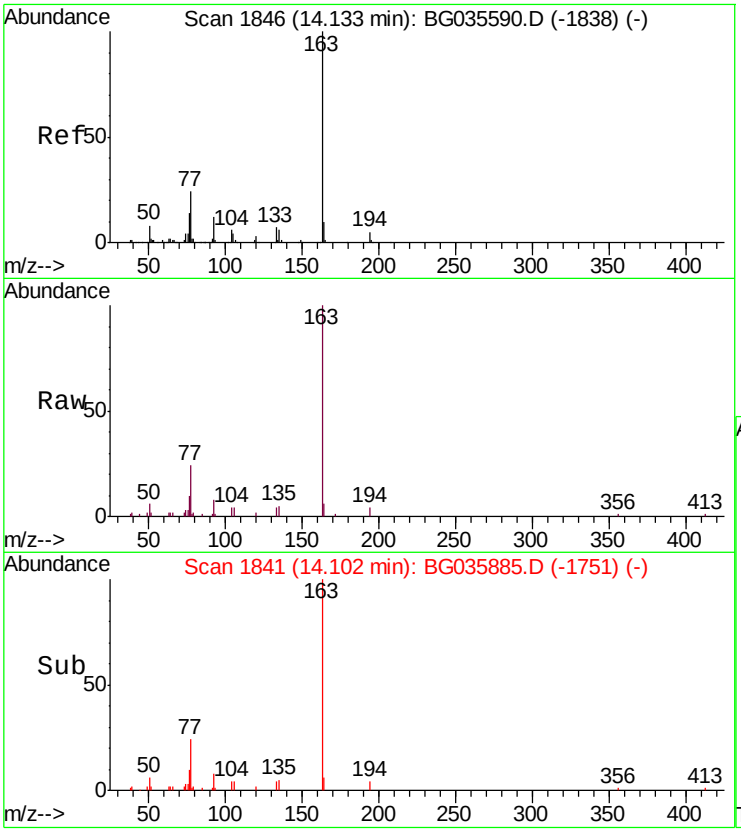


#44
2-Fluorobiphenyl
Concen: 61.564 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion:172 Resp: 441340

Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.9	19.5	29.3



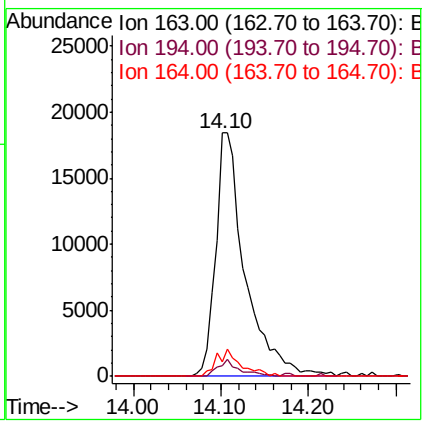


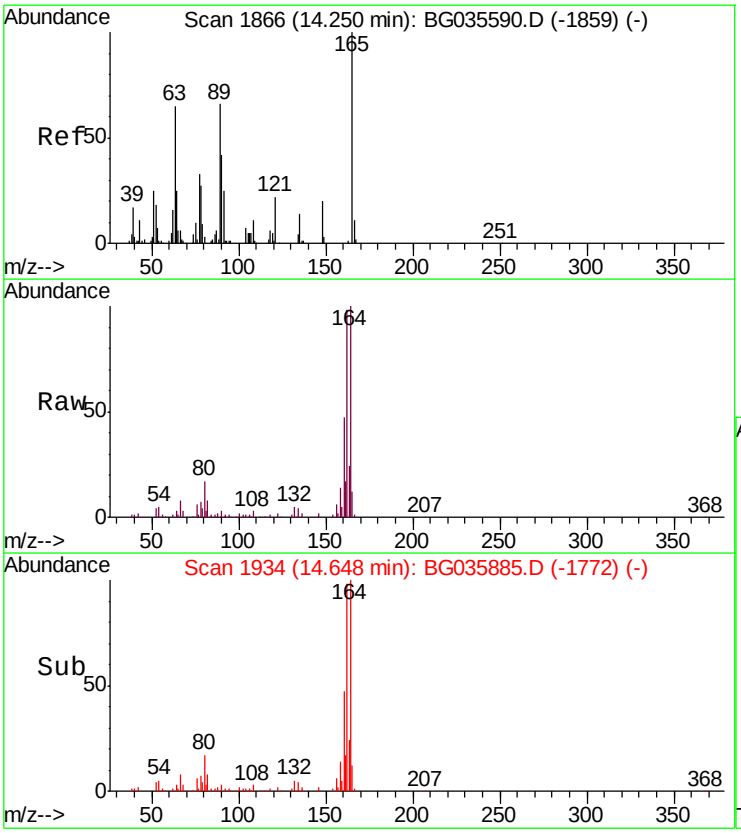
#49
Dimethylphthalate
Concen: 5.078 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

Tgt Ion:163 Resp: 42728

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	5.8	8.2	12.4#

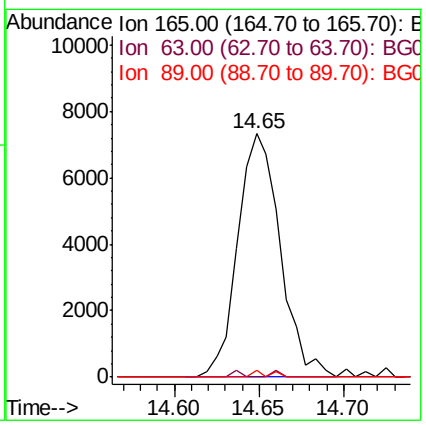


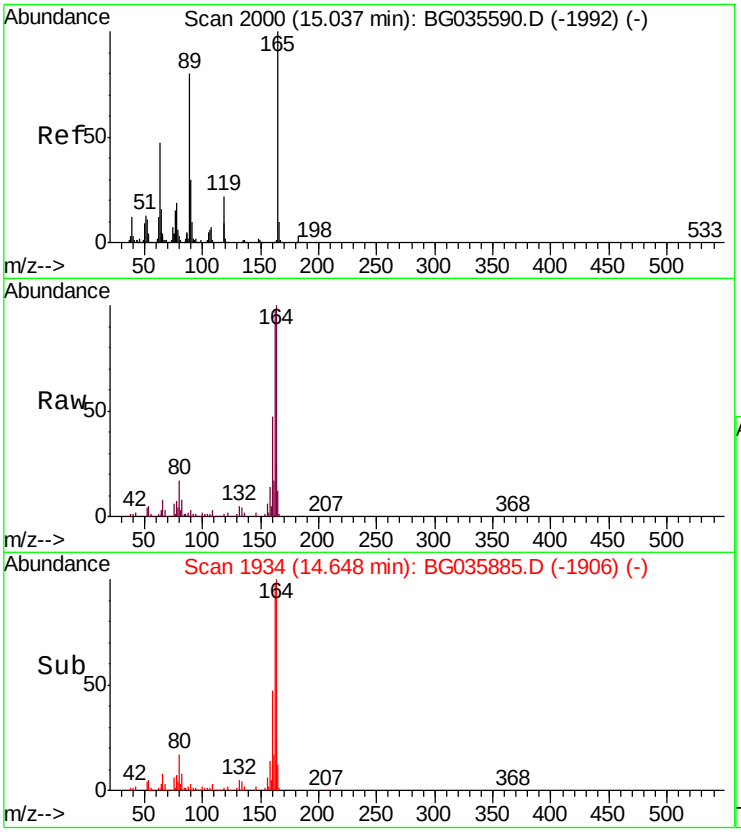


#50
2,6-Dinitrotoluene
Concen: 7.461 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion:165 Resp: 12785

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.6	49.2	73.8#



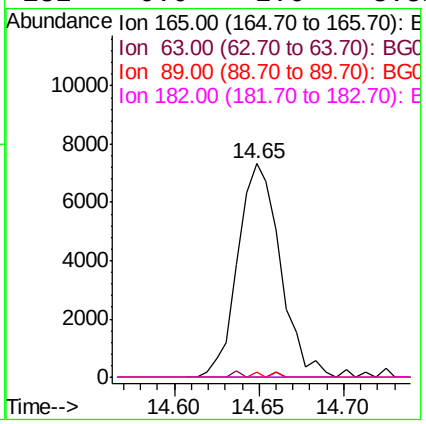


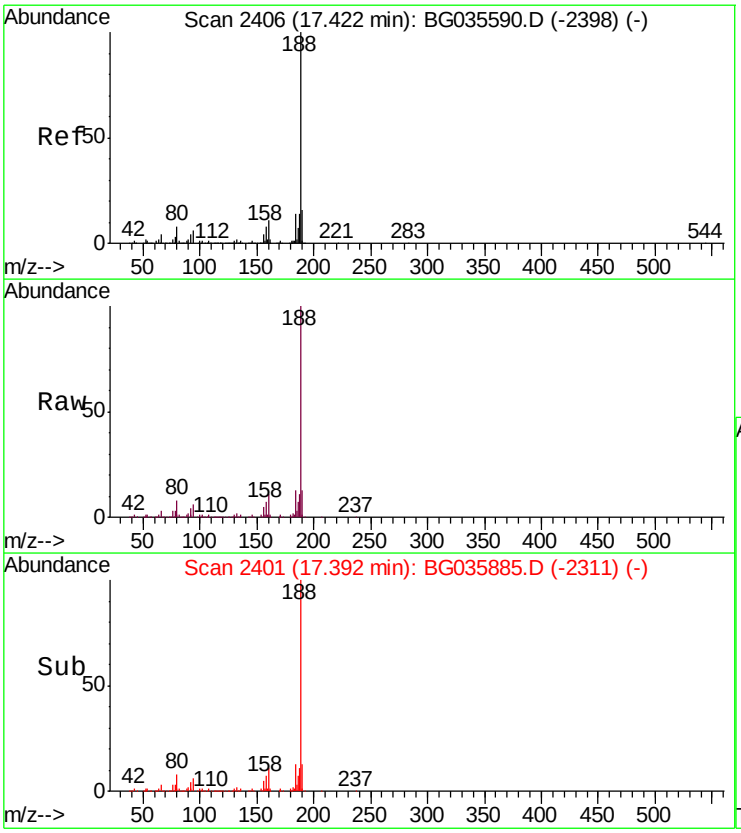
#56
2,4-Dinitrotoluene
Concen: 5.201 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.37 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

Tgt Ion:165 Resp: 12785

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.6	66.9	100.3#
182	0.0	2.6	3.8#

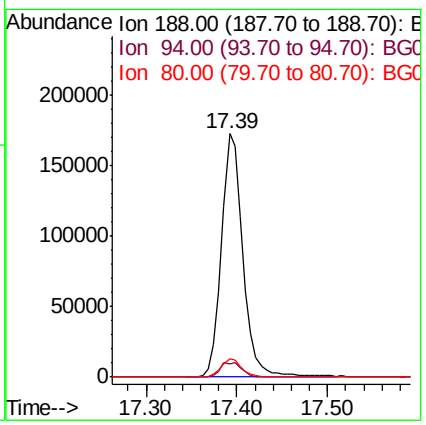


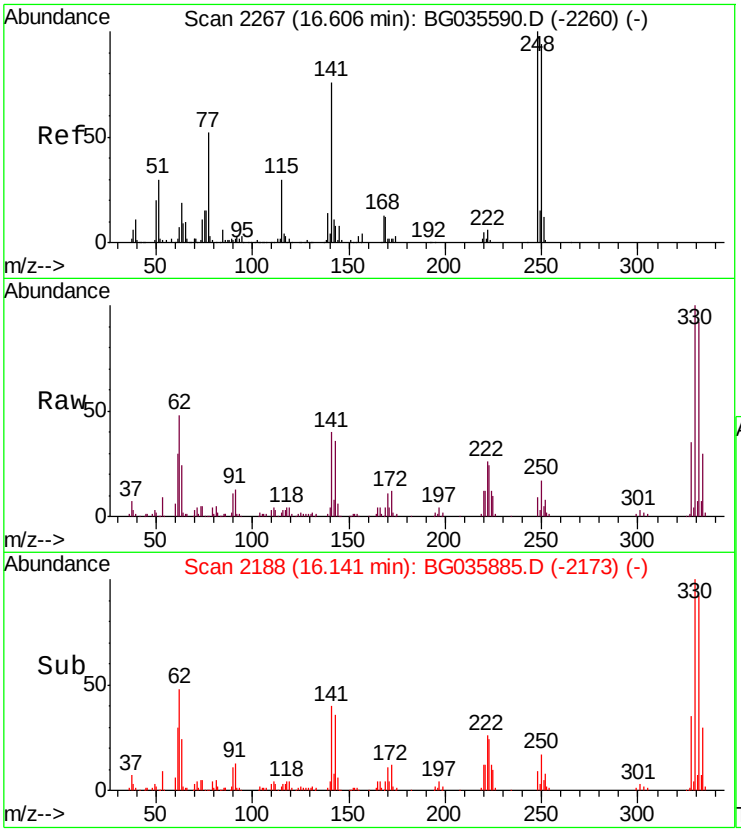


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion:188 Resp: 282795

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	7.5	7.7	11.5#



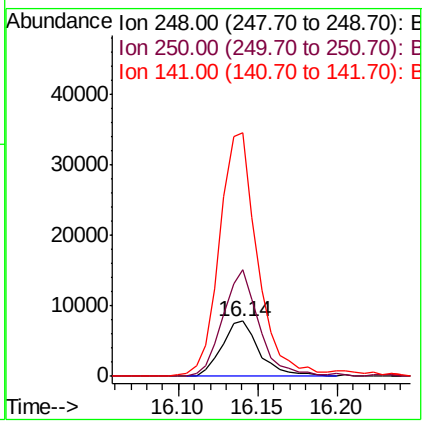


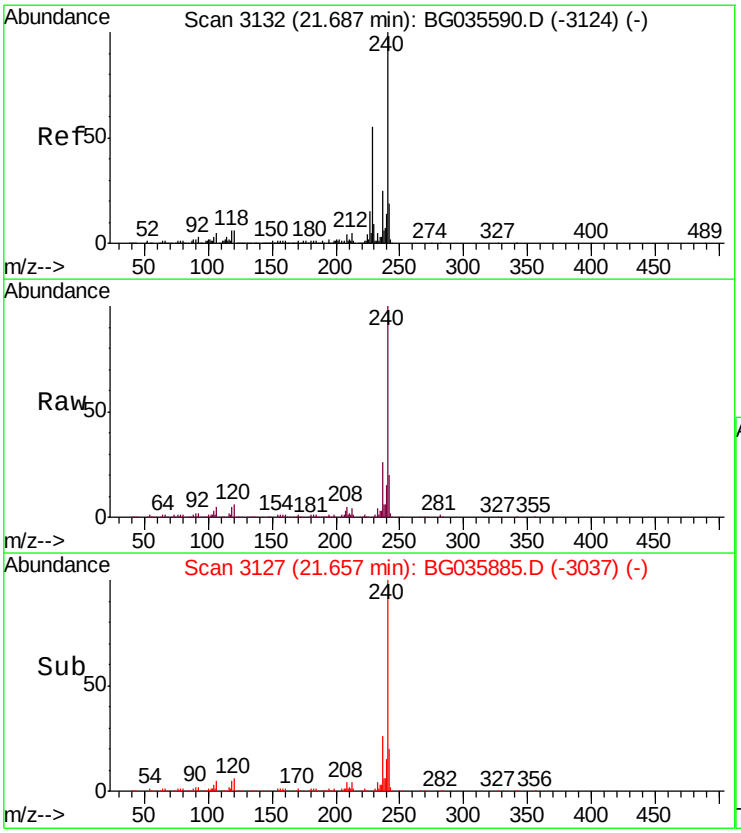
#66
4-Bromophenyl-phenylether
Concen: 3.880 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.44 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

Tgt Ion:248 Resp: 12730

Ion	Ratio	Lower	Upper
248	100		
250	193.7	77.1	115.7#
141	442.7	50.8	76.2#

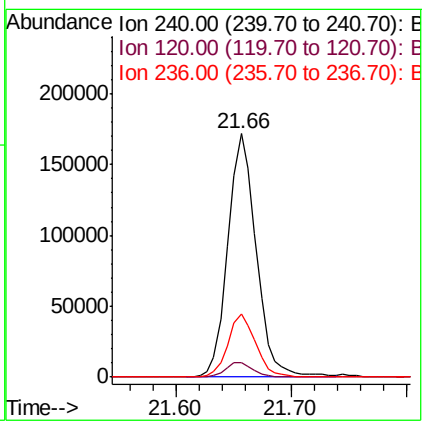


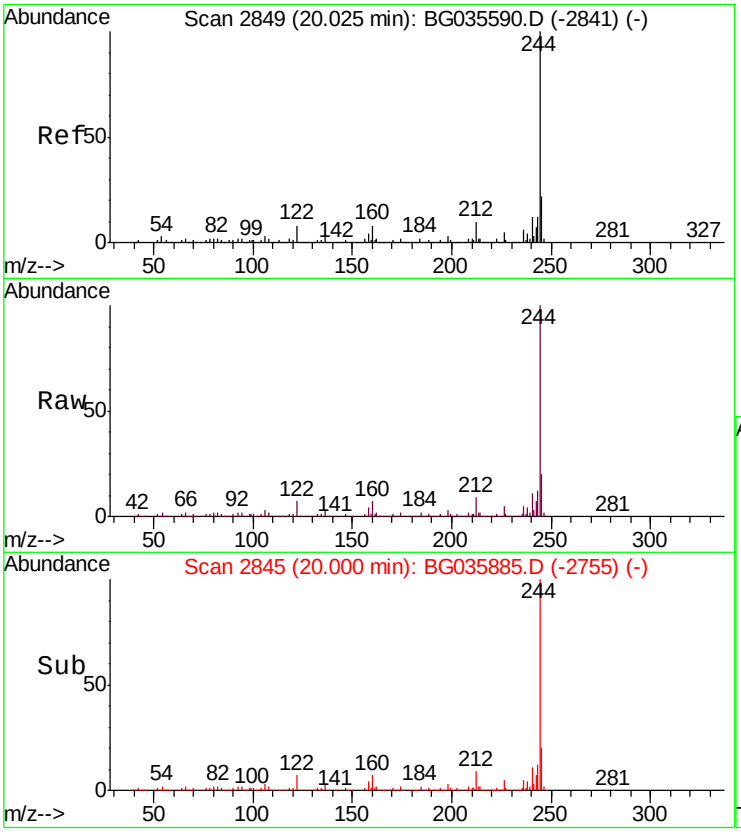


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion:240 Resp: 293009

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	25.7	20.9	31.3



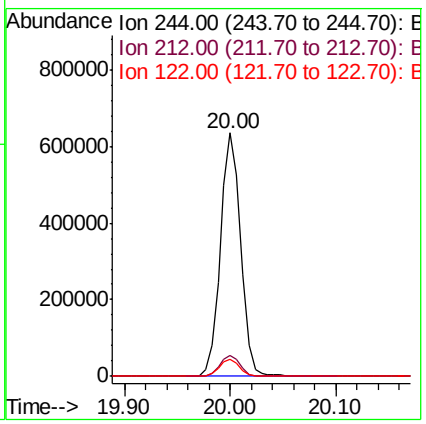


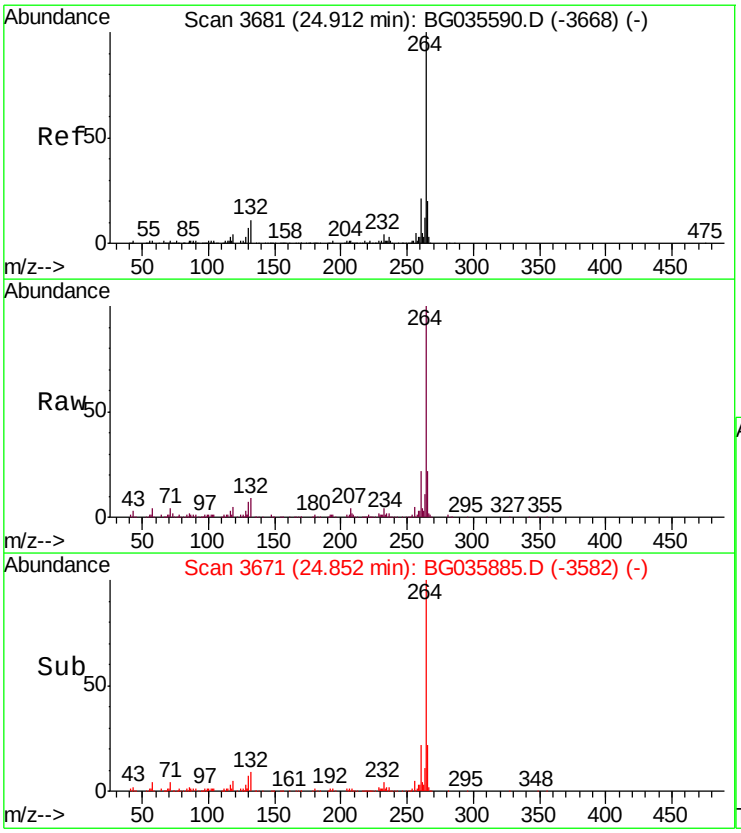
#78
Terphenyl-d14
Concen: 63.792 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(115-117)

Tgt Ion:244 Resp: 847965

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	7.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035885.D
Acq: 25 Jul 2018 22:23

Tgt Ion:264 Resp: 282575

Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.4	26.0
265	22.1	17.7	26.5