Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
Data File : BG035889.D
Acq On : 26 Jul 2018 00:59
Operator : JU/SJ
Sample : J4140-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-F-8(140-142)

Quant Time: Jul 26 01:41:54 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	8.02	152	32389	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	129327	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103384	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	288437	20.00	ng	0.00
75) Chrysene-d12	21.66	240	312720	20.00	ng	0.00
86) Perylene-d12	24.85	264	291508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	224099	114.87	ng	0.00
7) Phenol-d6	7.19	99	333446	114.56	ng	0.00
23) Nitrobenzene-d5	9.19	82	209056	67.53	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	172283	126.43	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	489839	63.48	ng	0.00
78) Terphenyl-d14	20.00	244	808697	57.00	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.22	94	14723	5.007	ng	# 78
19) n-Nitroso-di-n-propylamine	9.19	70	28332	11.559	ng	# 65
49) Dimethylphthalate	14.11	163	49642	5.480	ng	# 98
50) 2,6-Dinitrotoluene	14.64	165	13629	7.389	ng	# 18
53) 2,4-Dinitrophenol	14.82	184	59	6.639	ng	# 1
56) 2,4-Dinitrotoluene	14.64	165	13629	5.150	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	13733	4.104	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
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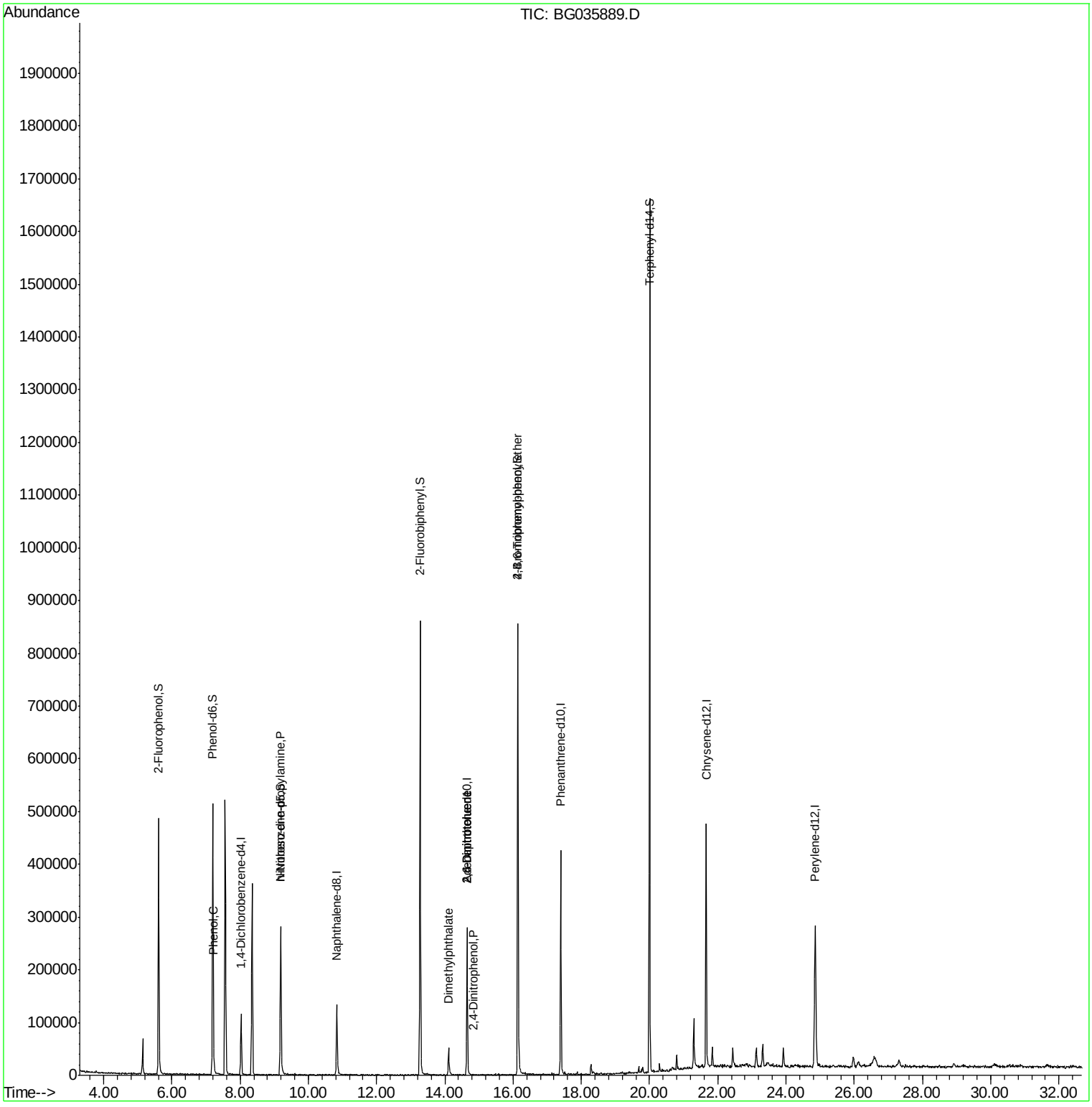
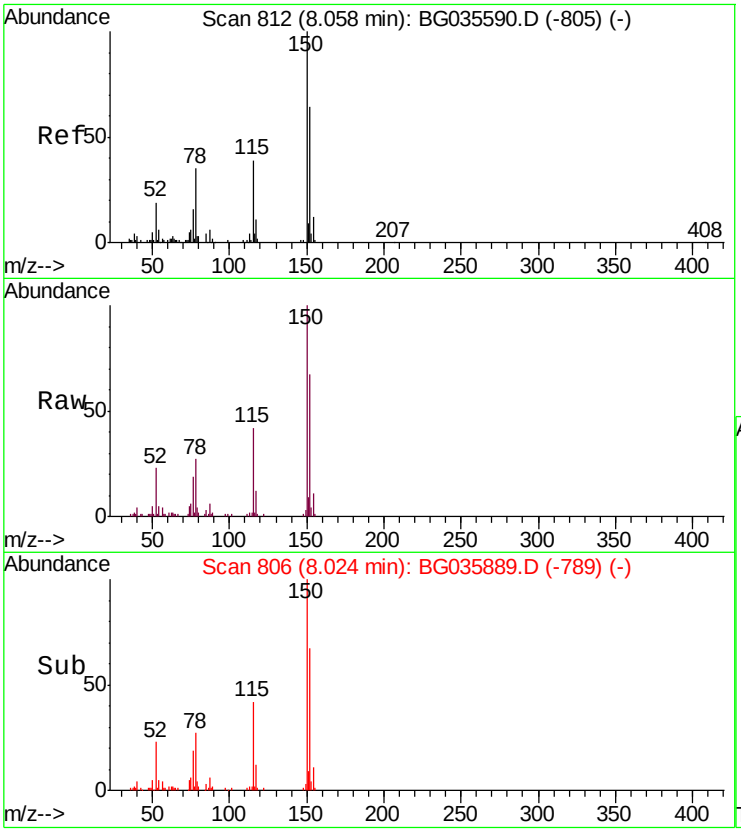
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration



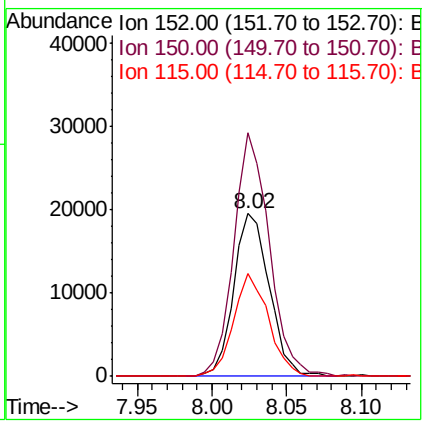


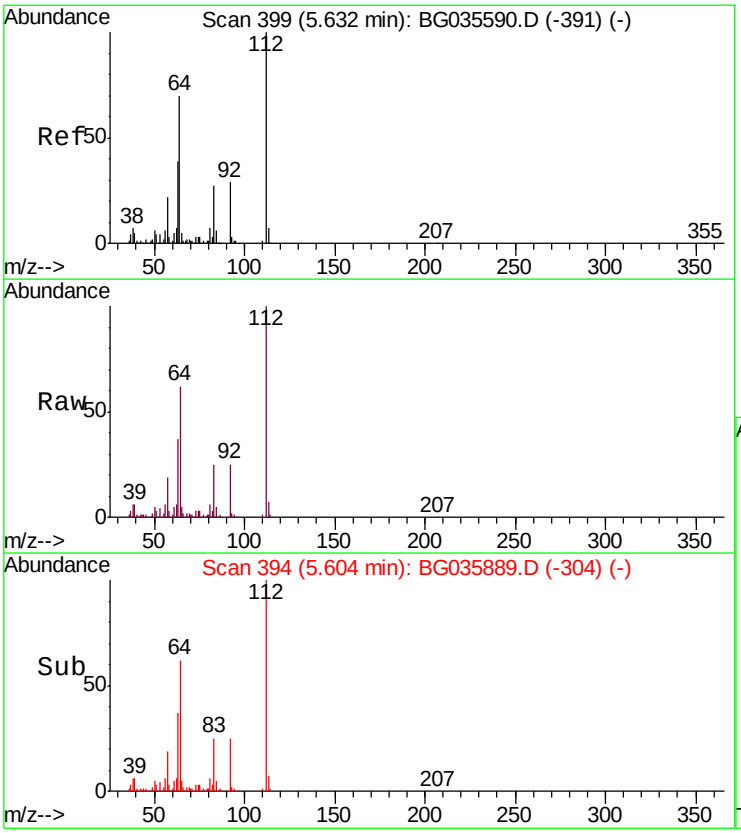
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

Tgt Ion:152 Resp: 32389

Ion	Ratio	Lower	Upper
152	100		
150	149.9	126.6	189.8
115	63.1	53.0	79.4

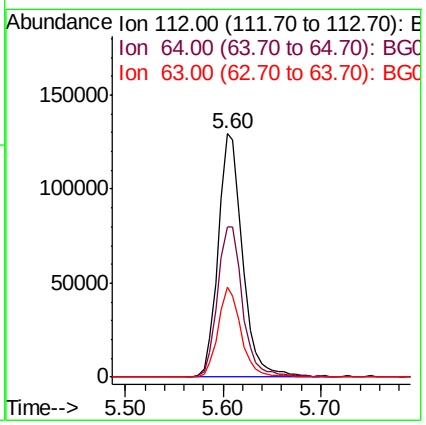


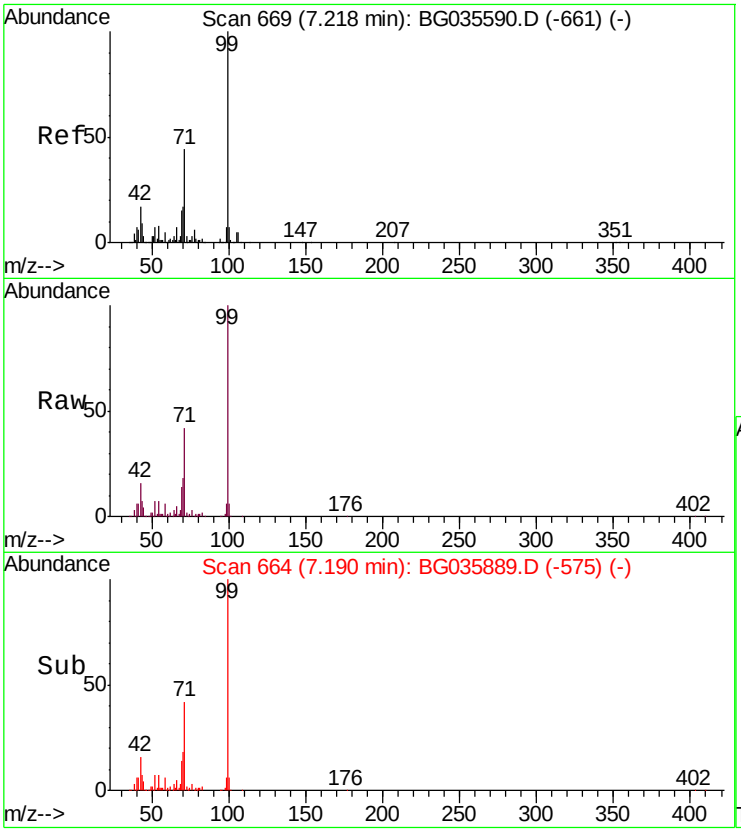


#5
2-Fluorophenol
Concen: 114.871 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Tgt Ion:112 Resp: 224099

Ion	Ratio	Lower	Upper
112	100		
64	61.7	56.3	84.5
63	37.2	30.1	45.1



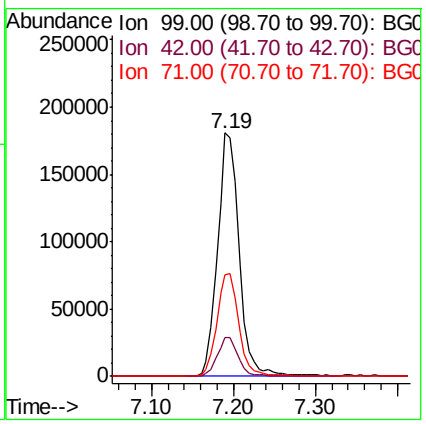


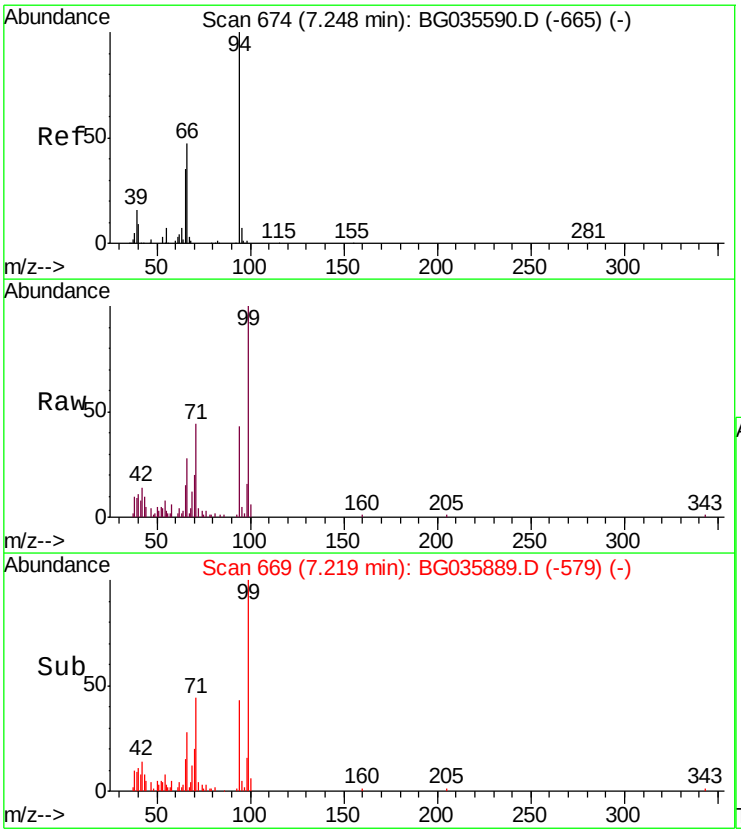
#7
Phenol-d6
Concen: 114.560 ng
RT: 7.19 min Scan# 664
Delta R.T. -0.01 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

Tgt Ion: 99 Resp: 333446

Ion	Ratio	Lower	Upper
99	100		
42	16.2	14.1	21.1
71	41.6	26.1	39.1#

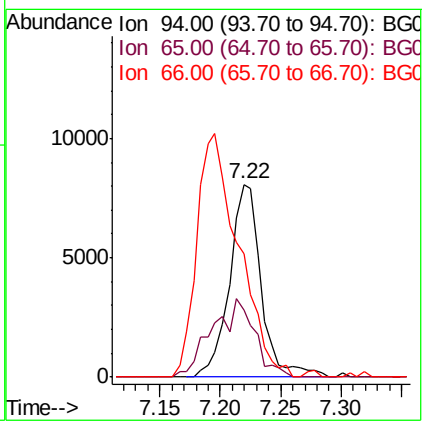


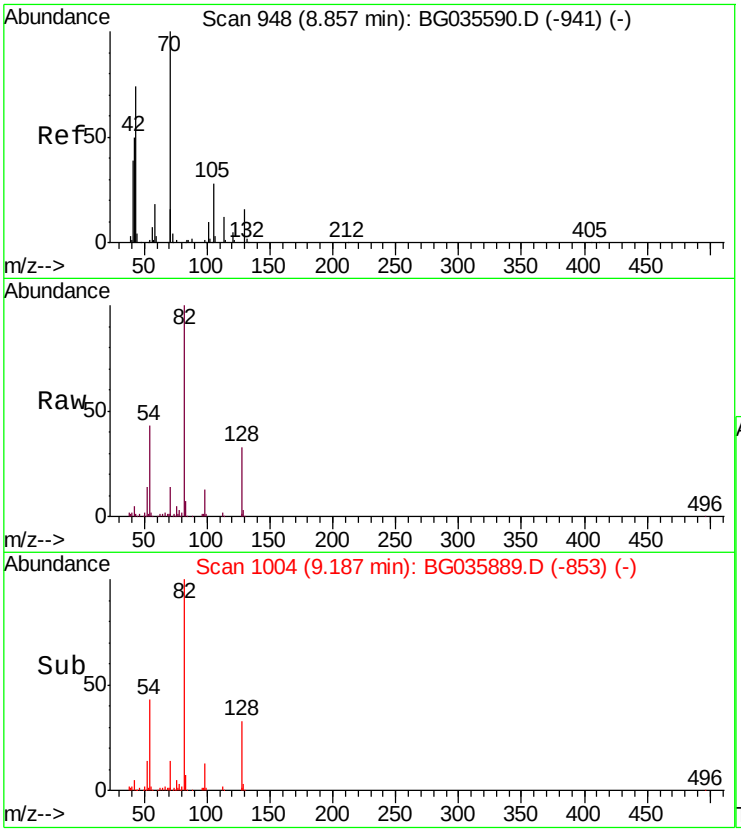


#10
Phenol
Concen: 5.007 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.00 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Tgt Ion: 94 Resp: 14723

Ion	Ratio	Lower	Upper
94	100		
65	34.8	11.9	51.9
66	63.9	22.2	62.2#



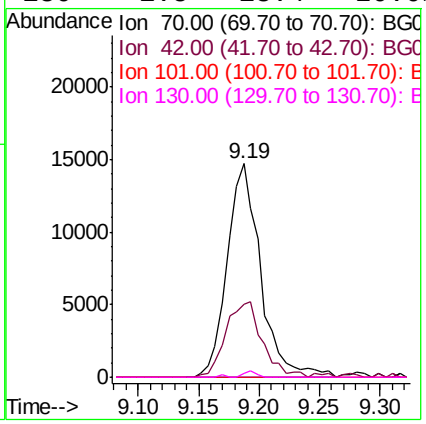


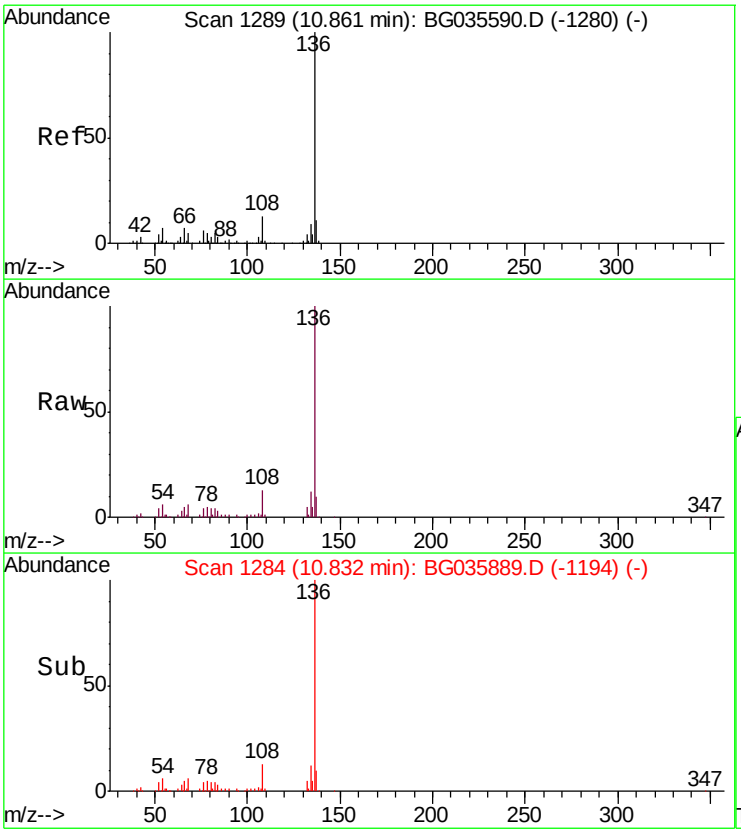
#19
n-Nitroso-di-n-propylamine
Concen: 11.559 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

Tgt Ion: 70 Resp: 28332

Ion	Ratio	Lower	Upper
70	100		
42	34.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.5	13.4	20.0#

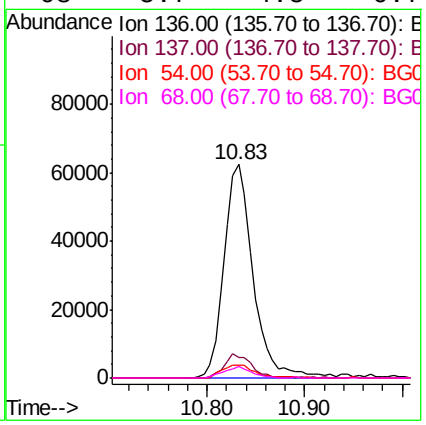


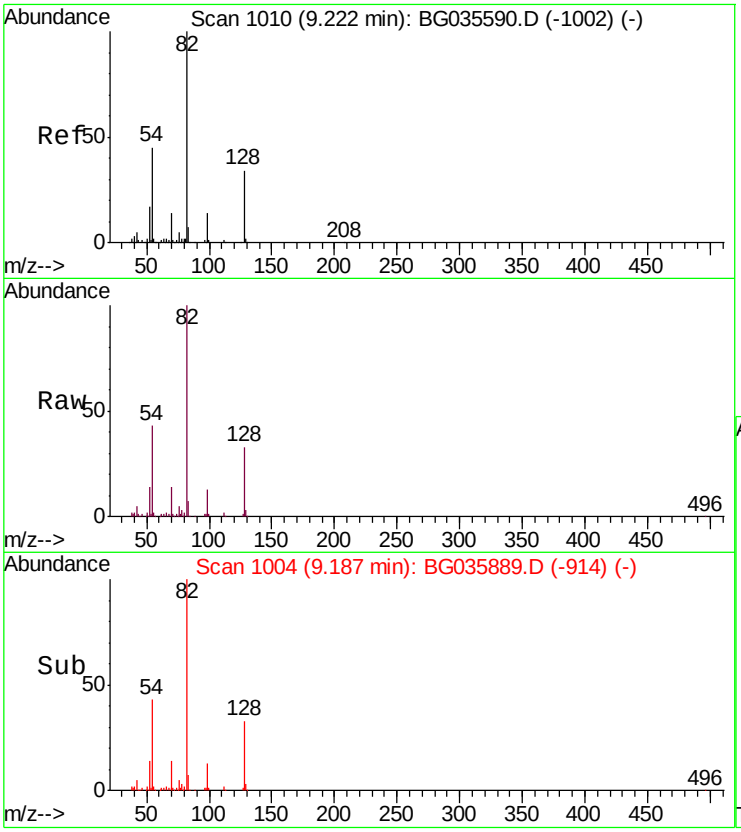


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Tgt Ion:136 Resp: 129327

Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.2	13.8
54	6.2	10.3	15.5#
68	5.7	4.5	6.7



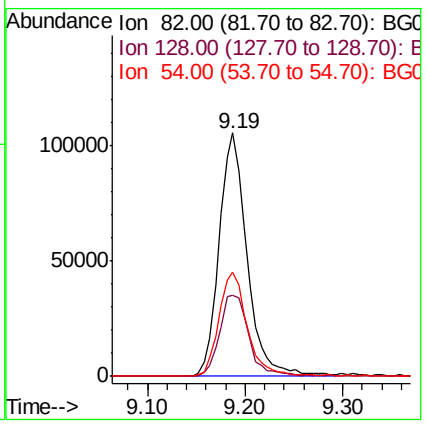


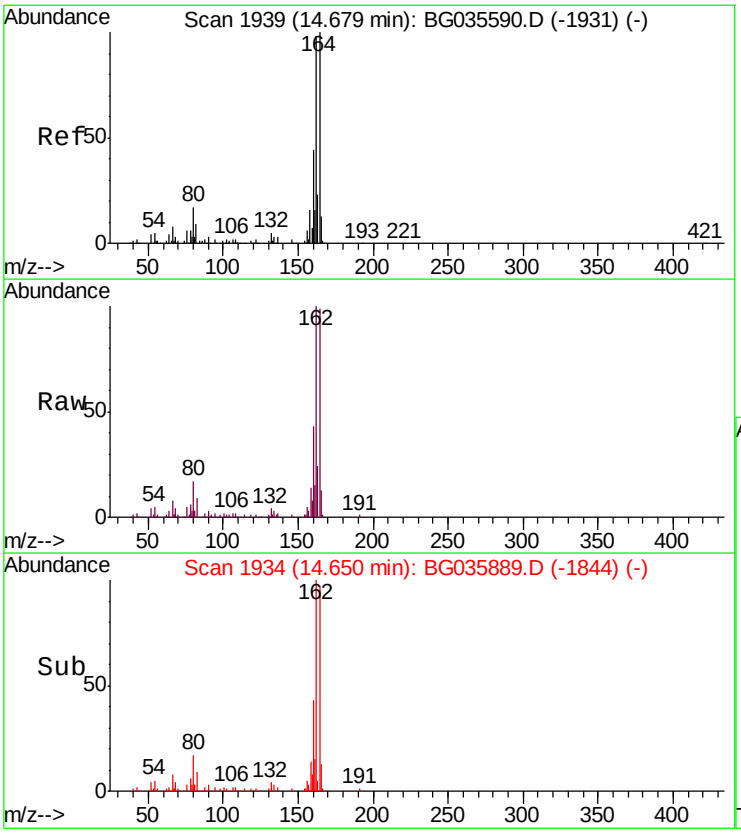
#23
Nitrobenzene-d5
Concen: 67.528 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

Tgt Ion: 82 Resp: 209056

Ion	Ratio	Lower	Upper
82	100		
128	33.4	29.7	44.5
54	42.8	43.1	64.7#

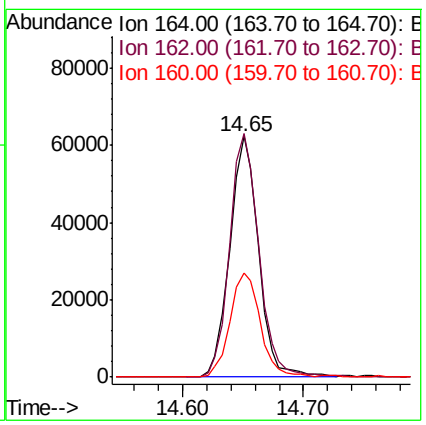


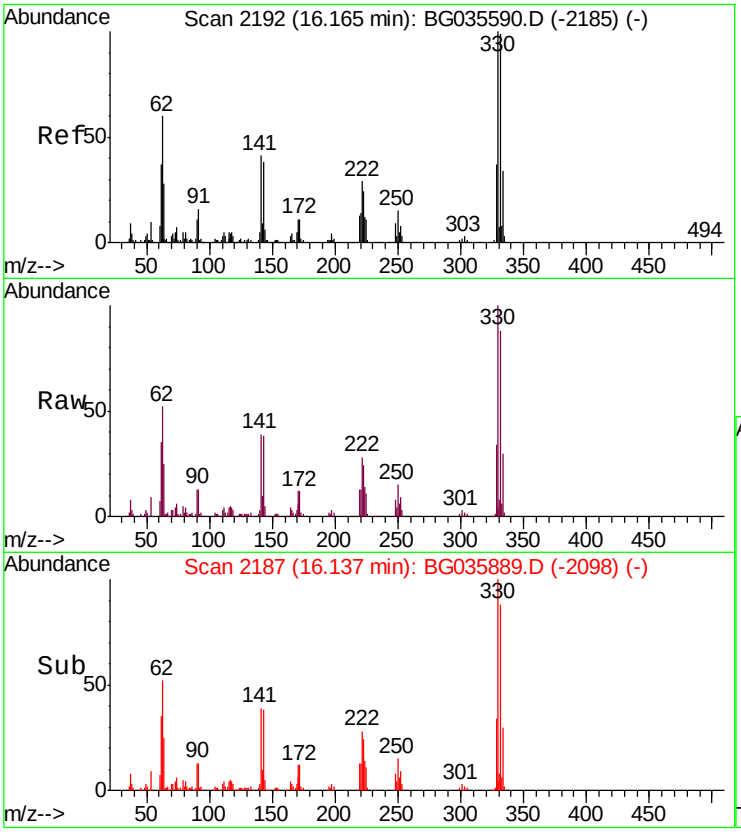


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Tgt Ion:164 Resp: 103384

Ion	Ratio	Lower	Upper
164	100		
162	101.2	78.8	118.2
160	43.2	35.4	53.0



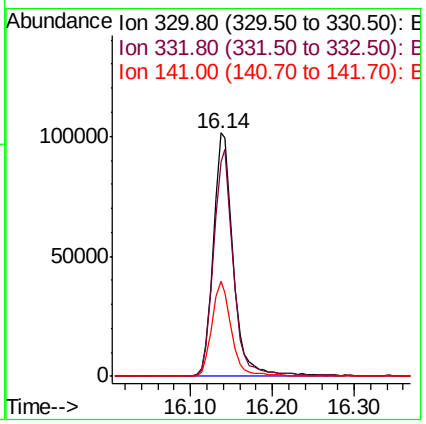


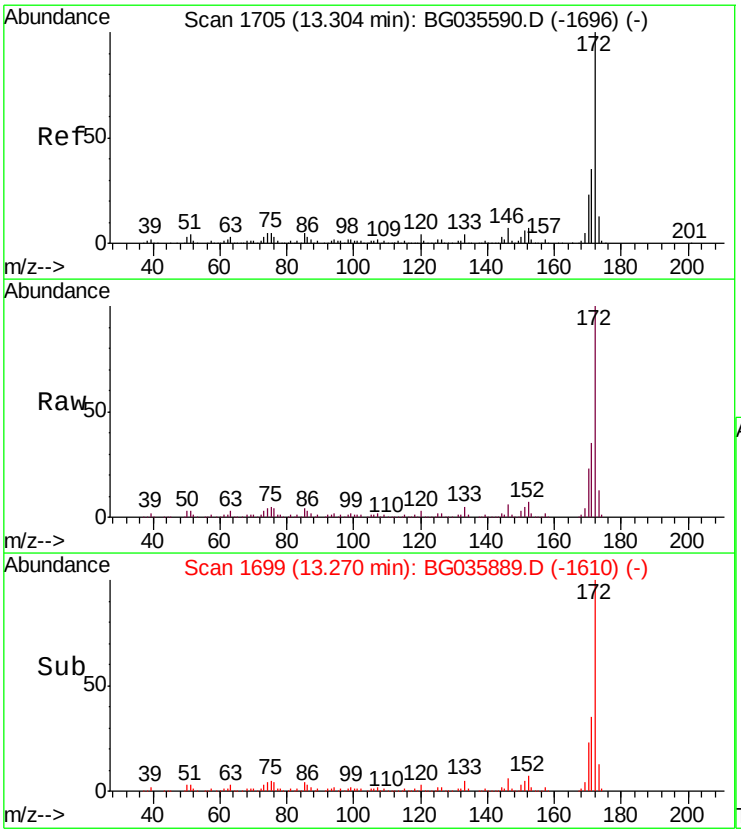
#41
2,4,6-Tribromophenol
Concen: 126.431 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

Tgt Ion:330 Resp: 172283

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.0	115.6
141	38.2	25.2	37.8#

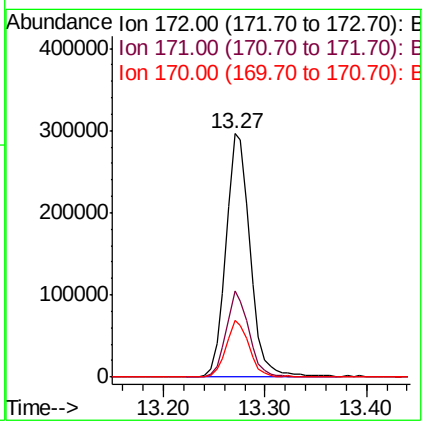


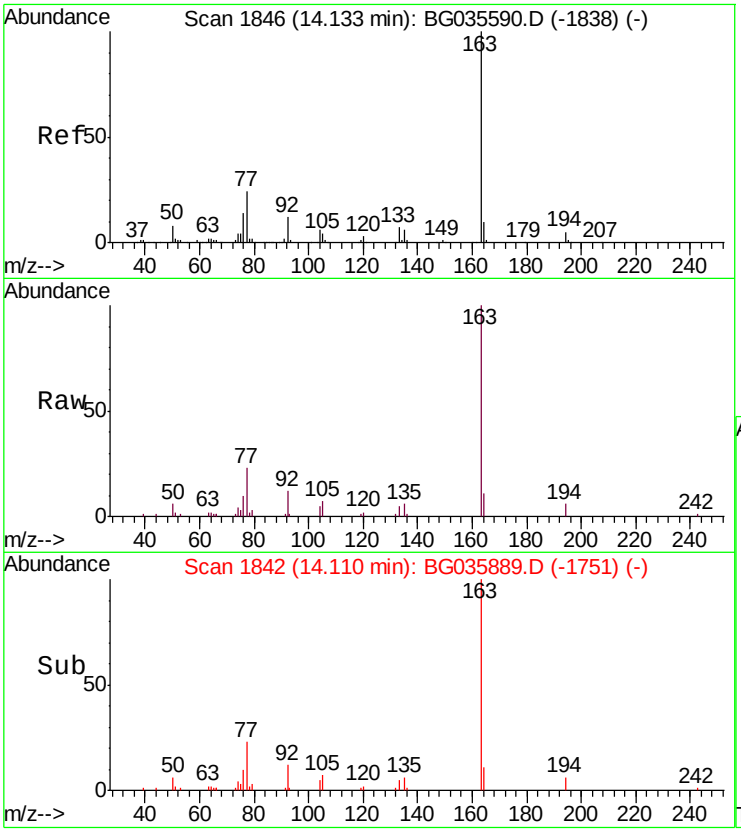


#44
2-Fluorobiphenyl
Concen: 63.478 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Tgt Ion:172 Resp: 489839

Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.3	19.5	29.3



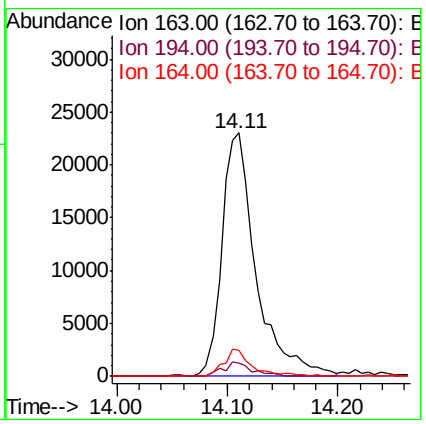


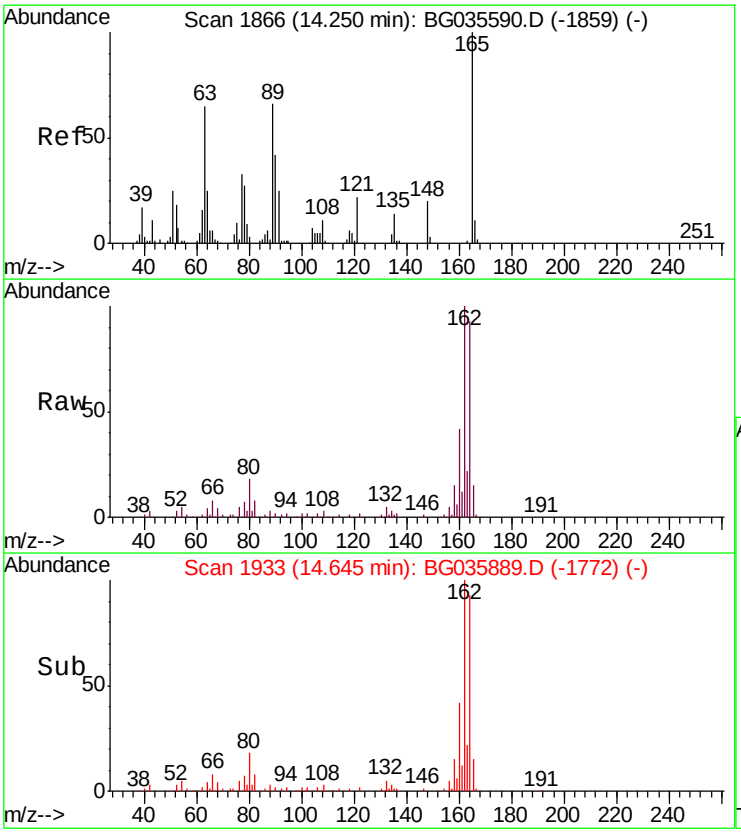
#49
Dimethylphthalate
Concen: 5.480 ng
RT: 14.11 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

Tgt Ion:163 Resp: 49642

Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.4	5.2#
164	10.6	8.2	12.4

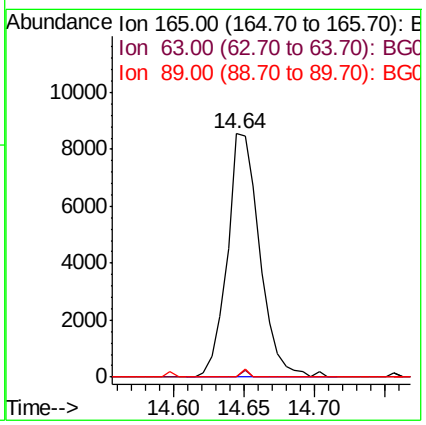


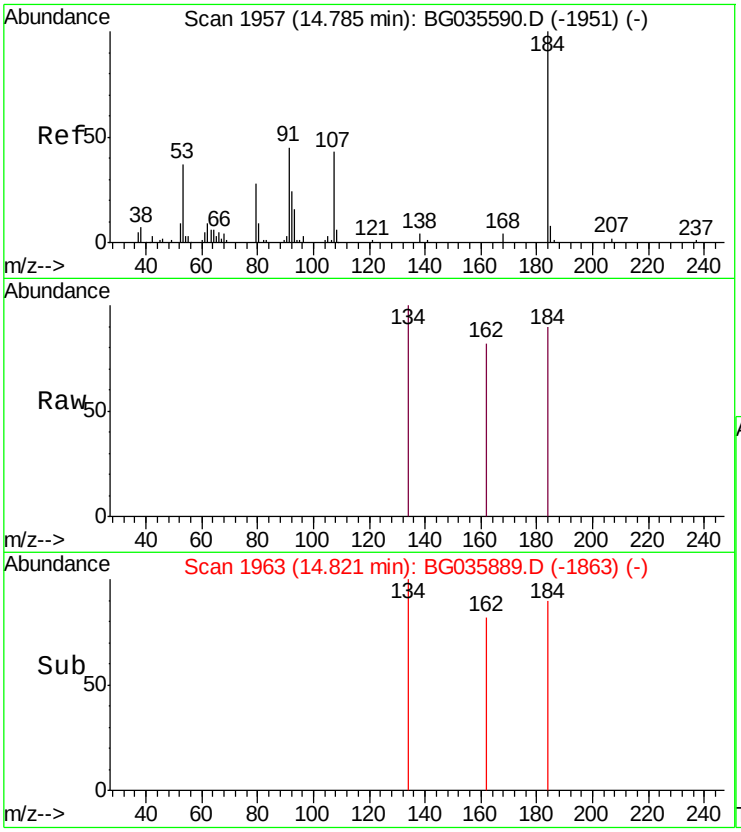


#50
2,6-Dinitrotoluene
Concen: 7.389 ng
RT: 14.64 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Tgt Ion:165 Resp: 13629

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



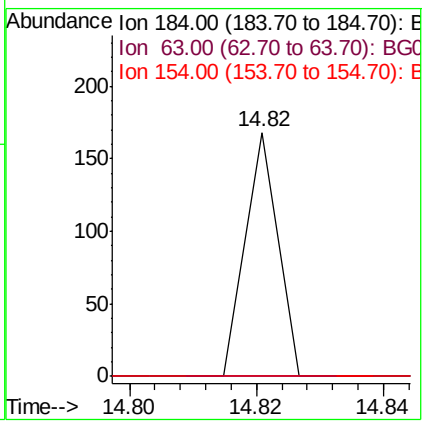


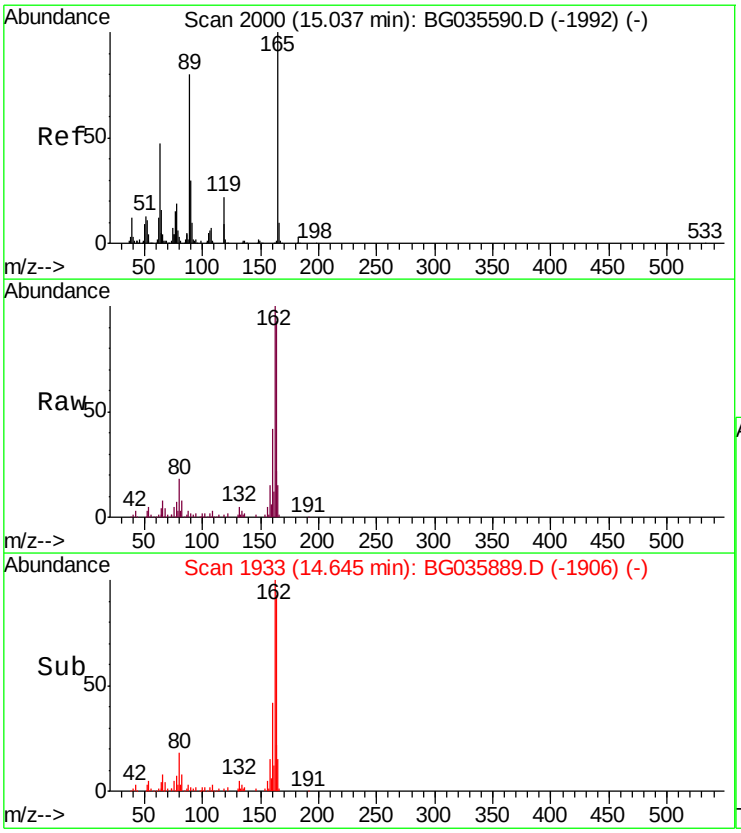
#53
2,4-Dinitrophenol
Concen: 6.639 ng
RT: 14.82 min Scan# 1963
Delta R.T. 0.06 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

Tgt Ion:184 Resp: 59

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

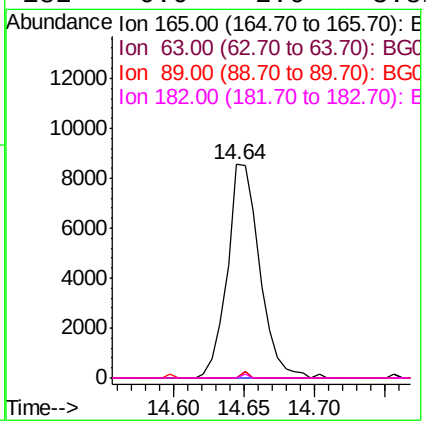


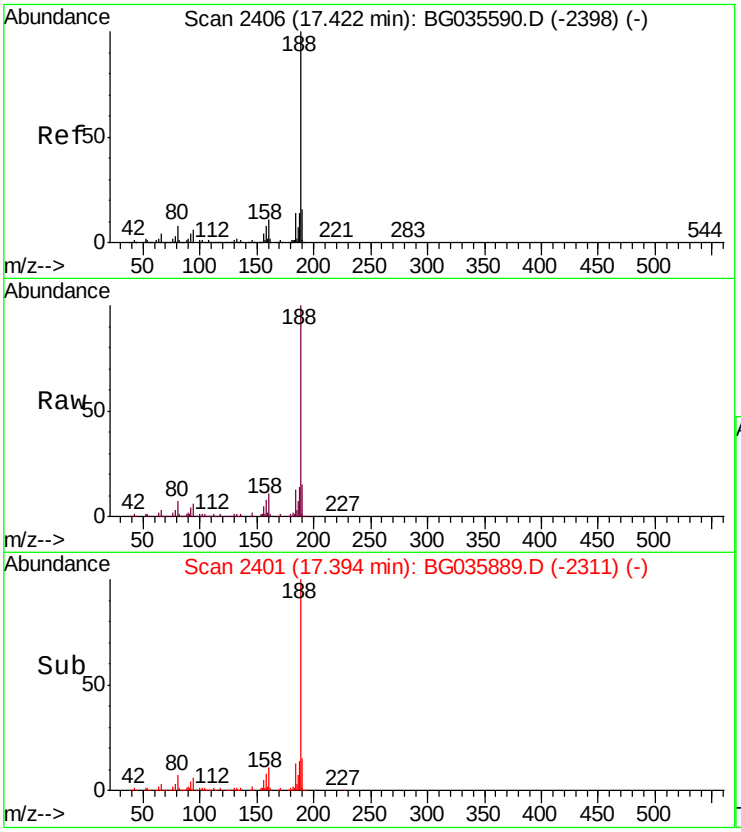


#56
2,4-Dinitrotoluene
Concen: 5.150 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.37 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Tgt Ion:165 Resp: 13629

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



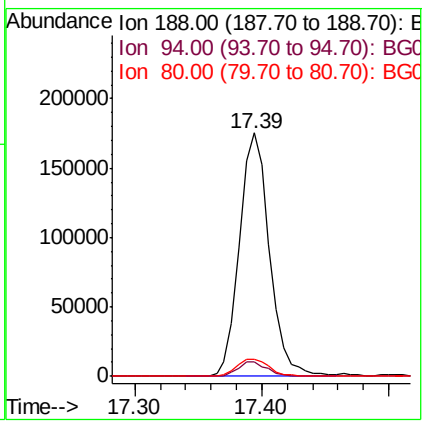


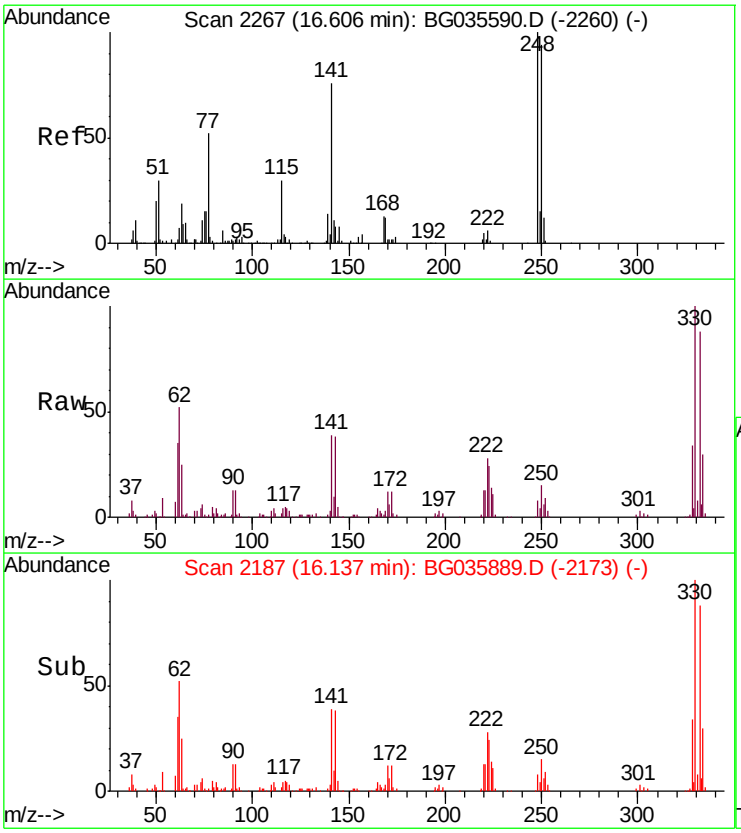
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

Tgt Ion:188 Resp: 288437

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.9	7.7	11.5#

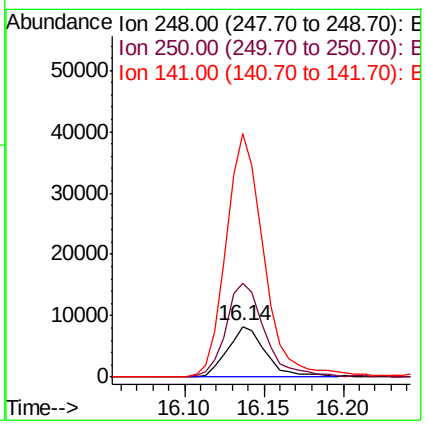


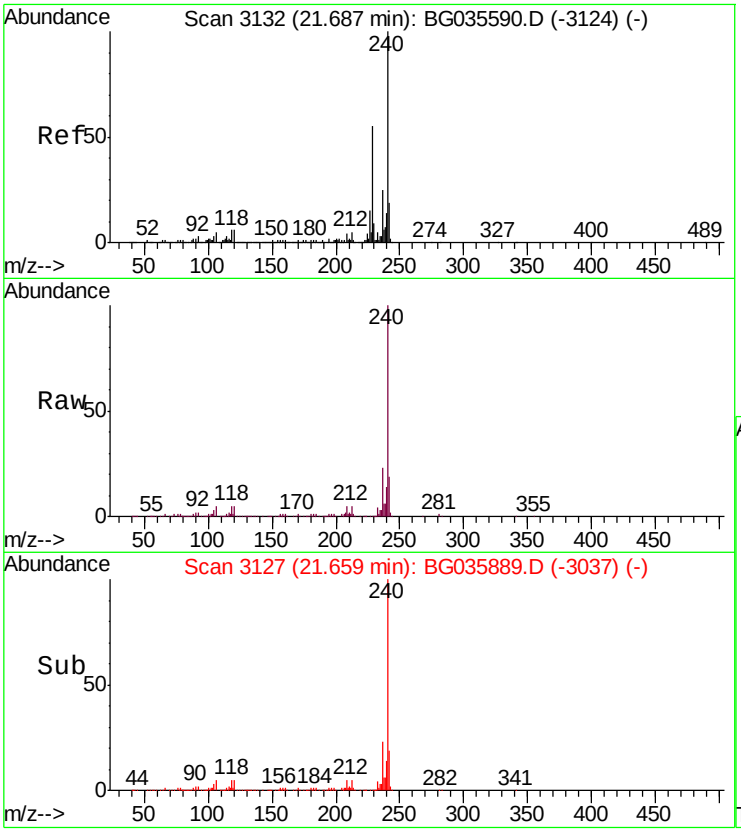


#66
4-Bromophenyl-phenylether
Concen: 4.104 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Tgt Ion:248 Resp: 13733

Ion	Ratio	Lower	Upper
248	100		
250	184.8	77.1	115.7#
141	479.4	50.8	76.2#



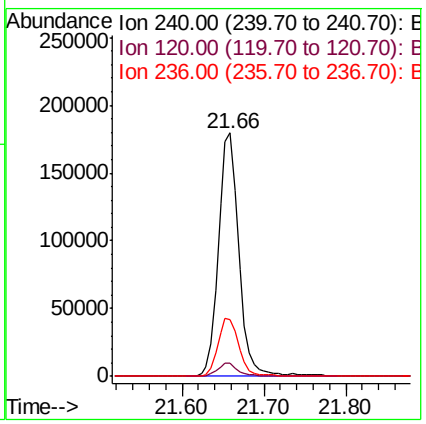


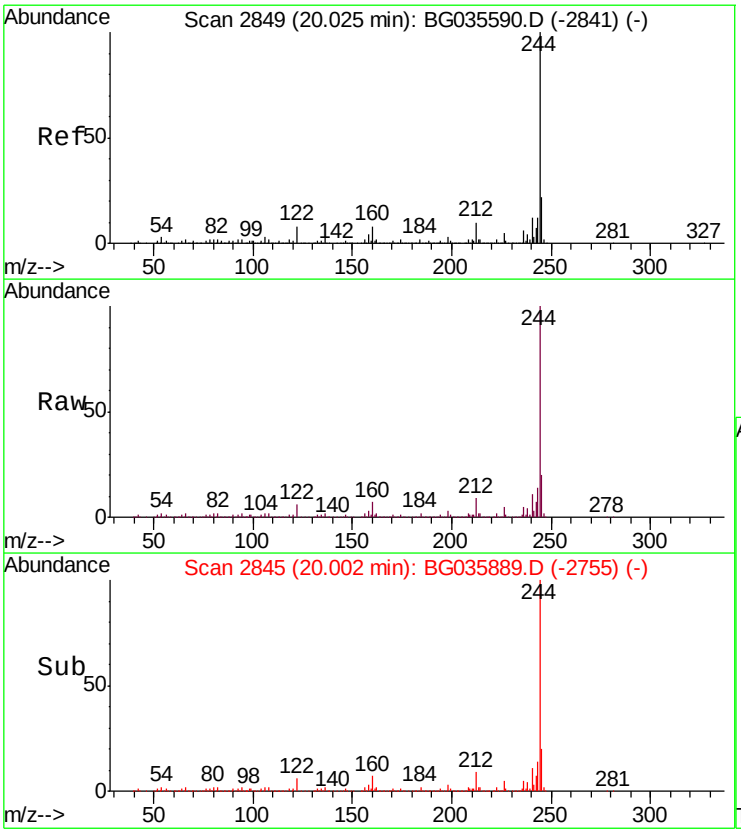
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

Tgt Ion:240 Resp: 312720

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	23.4	20.9	31.3

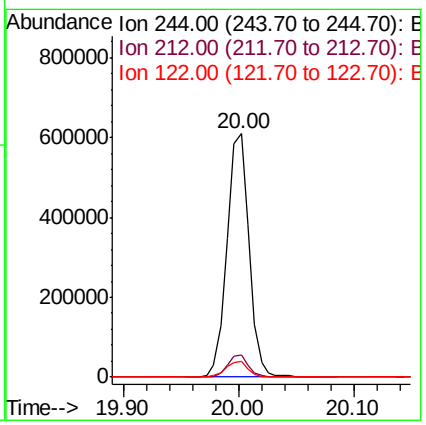


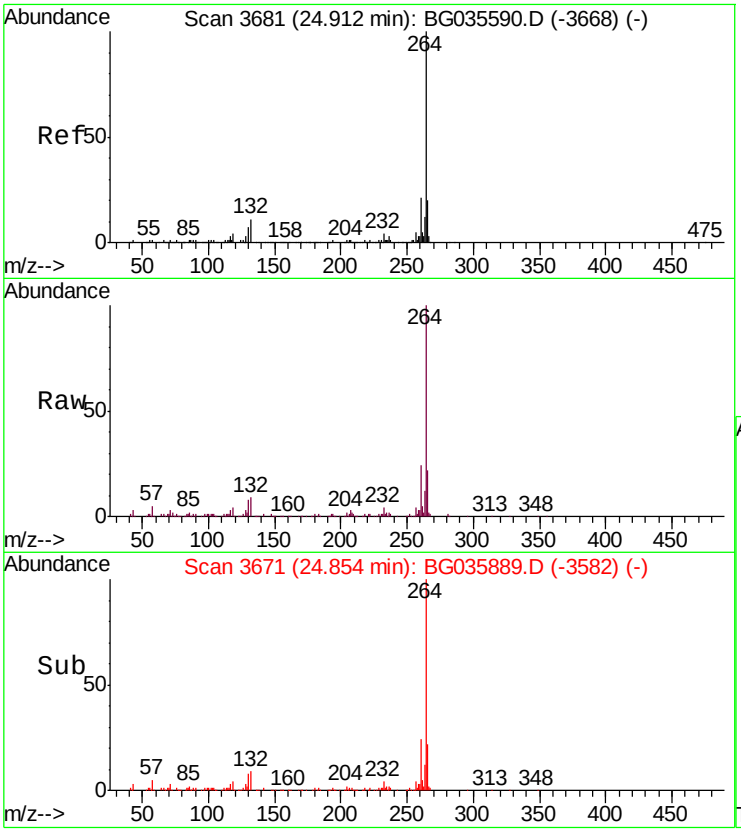


#78
Terphenyl-d14
Concen: 57.003 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035889.D
Acq: 26 Jul 2018 00:59

Tgt Ion:244 Resp: 808697

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	6.4	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: BG035889.D
Acq: 26 Jul 2018 00:59

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(140-142)

Tgt Ion:264 Resp: 291508

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	22.1	17.7	26.5