Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
Data File : BG035693.D
Acq On : 17 Jul 2018 21:50
Operator : JU/SJ
Sample : J3997-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-F-D

Quant Time: Jul 18 01:11:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	54091	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	190517	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	126328	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	350135	20.00	ng		-0.02
75) Chrysene-d12	21.67	240	406918	20.00	ng		-0.02
86) Perylene-d12	24.88	264	392169	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	428424	131.50	ng		0.00
7) Phenol-d6	7.21	99	546674	112.46	ng		0.00
23) Nitrobenzene-d5	9.20	82	439693	96.41	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	268979	161.54	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	923522	97.94	ng		-0.02
78) Terphenyl-d14	20.01	244	1819760	98.58	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	62121	15.176	ng	#	72
31) Naphthalene	10.89	128	23623	2.380	ng		97
50) 2,6-Dinitrotoluene	14.66	165	16983	7.535	ng	#	18
53) 2,4-Dinitrophenol	15.20	184	53	6.624	ng	#	1
56) 2,4-Dinitrotoluene	14.66	165	16983	5.252	ng	#	16
66) 4-Bromophenyl-phenylether	16.15	248	22975	5.656	ng	#	1
76) Benzidine	20.01	184	33877	3.167	ng	#	94

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

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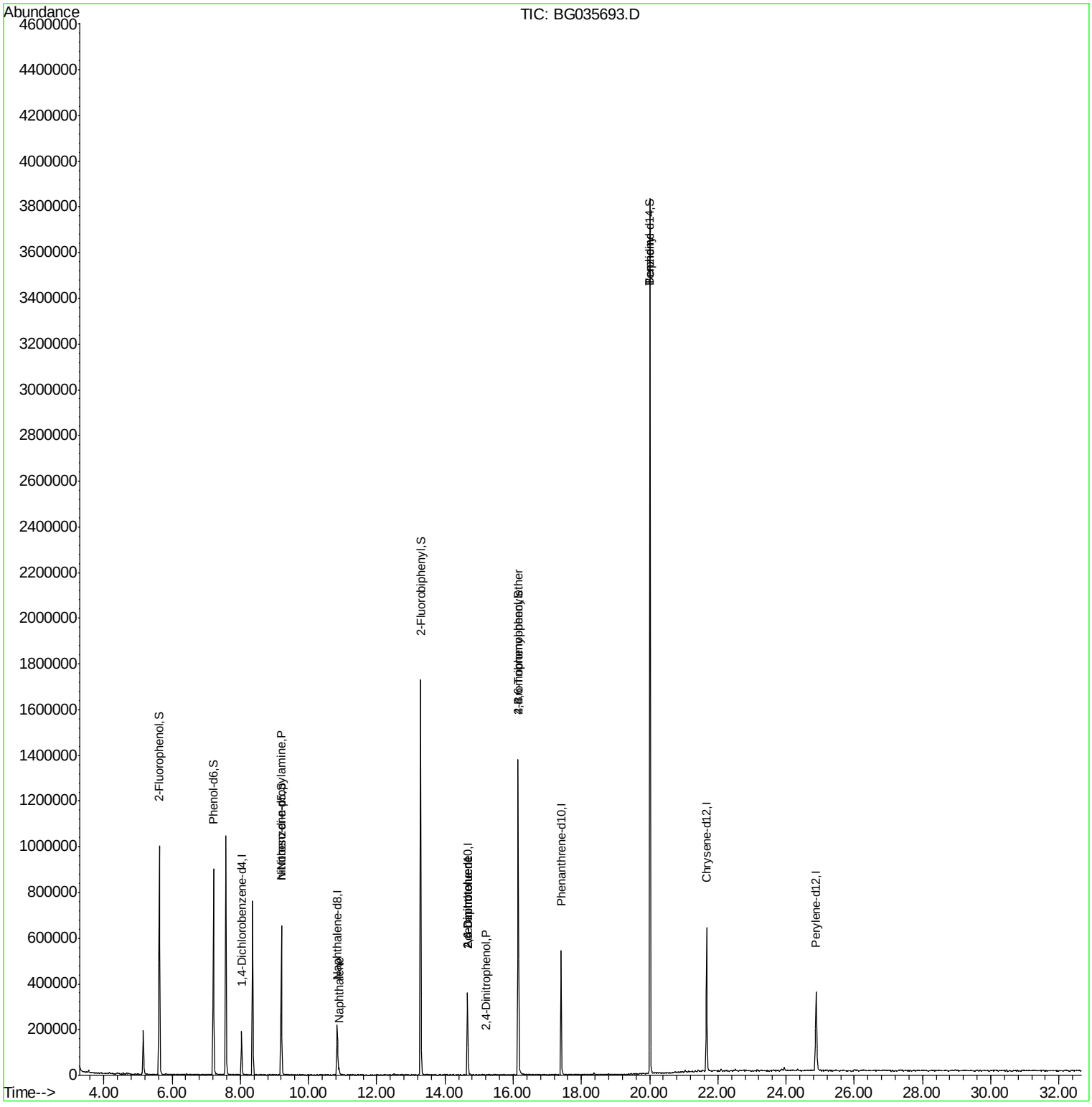
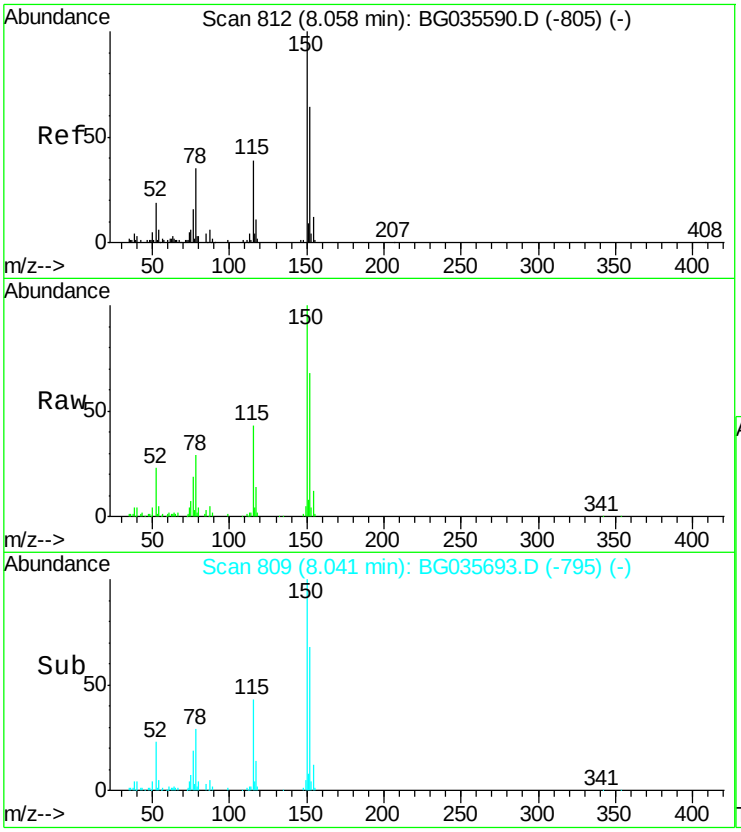


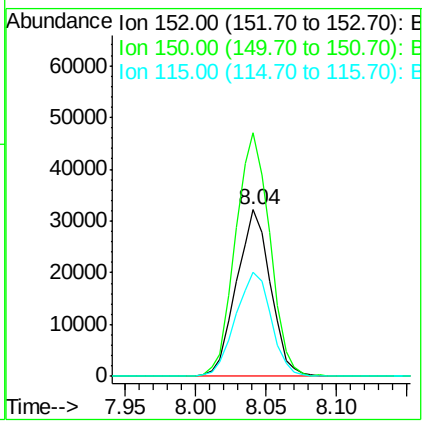


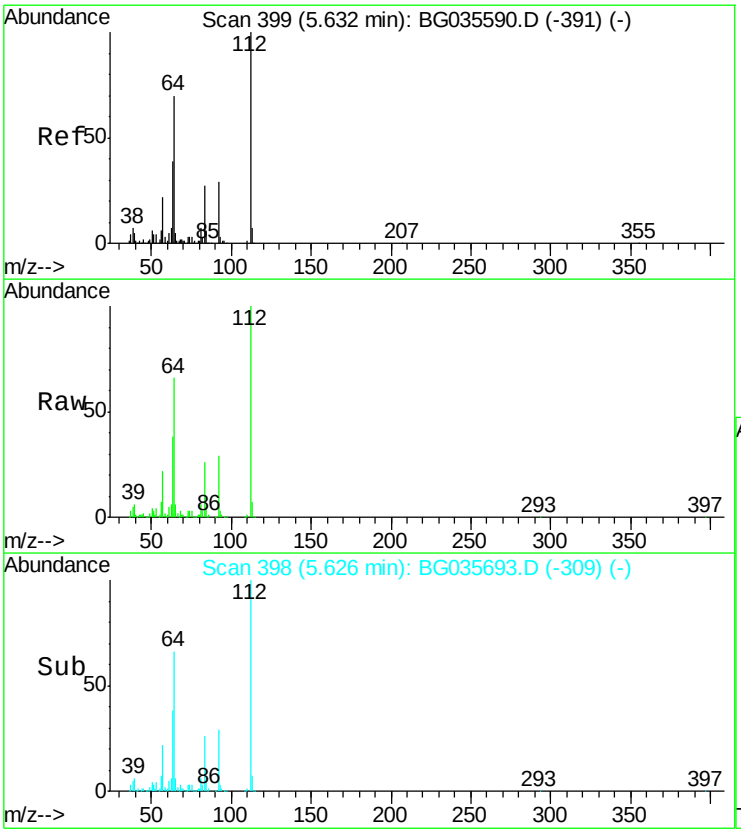
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-F-D

Tgt Ion:152 Resp: 54091

Ion	Ratio	Lower	Upper
152	100		
150	146.3	126.6	189.8
115	62.6	53.0	79.4

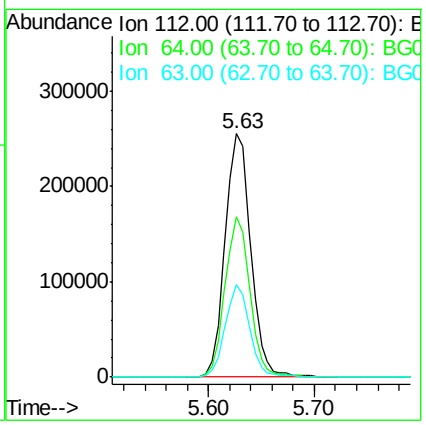


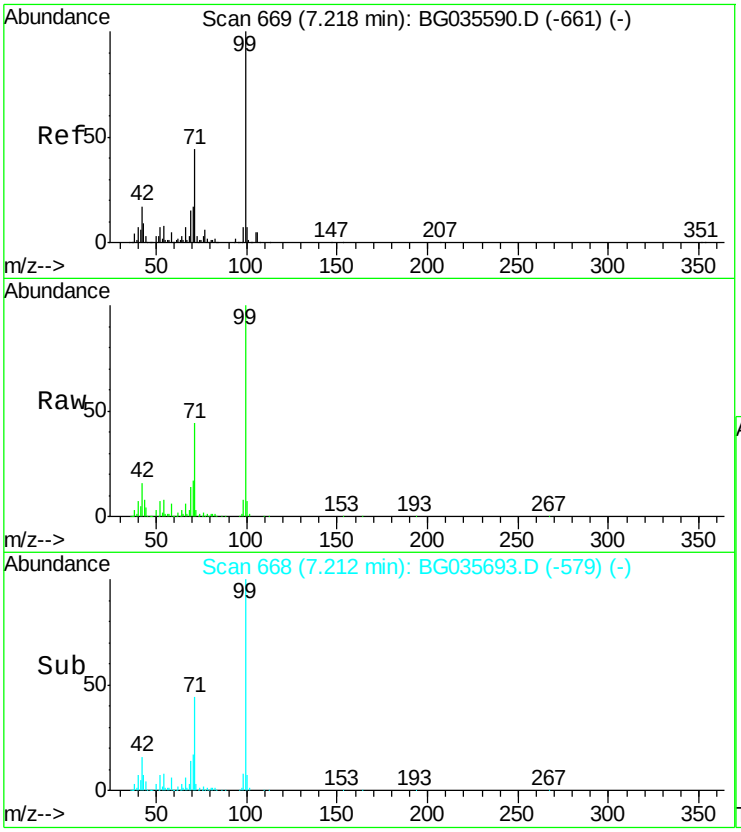


#5
2-Fluorophenol
Concen: 131.498 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion:112 Resp: 428424

Ion	Ratio	Lower	Upper
112	100		
64	65.8	56.3	84.5
63	38.1	30.1	45.1



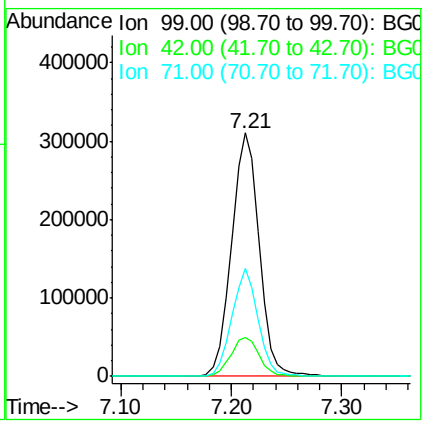


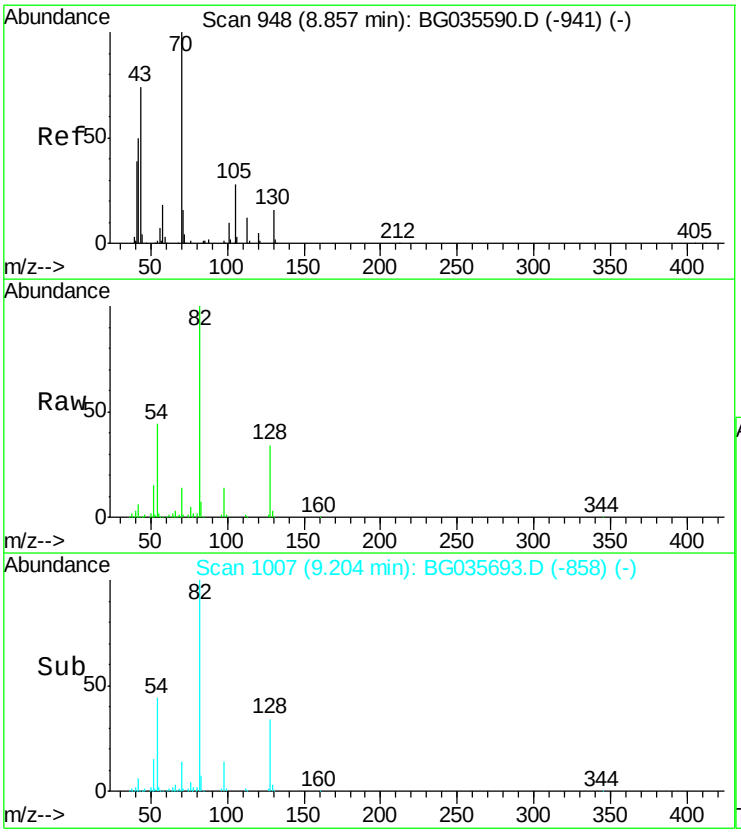
#7
Phenol-d6
Concen: 112.462 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-F-D

Tgt Ion: 99 Resp: 546674

Ion	Ratio	Lower	Upper
99	100		
42	16.1	14.1	21.1
71	44.5	26.1	39.1#

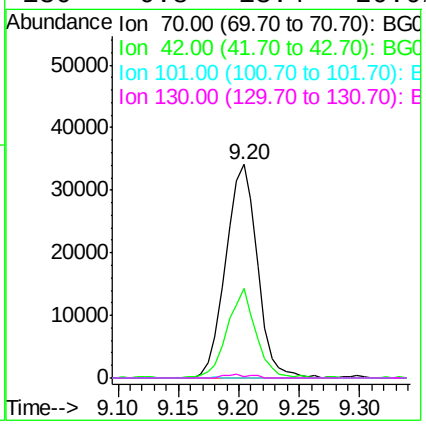


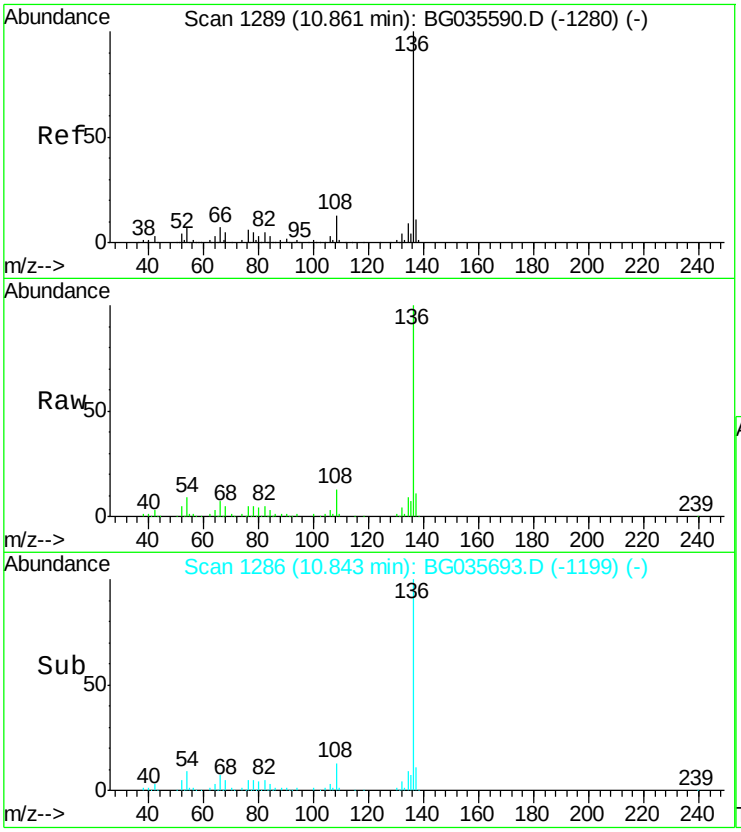


#19
n-Nitroso-di-n-propylamine
Concen: 15.176 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion: 70 Resp: 62121

Ion	Ratio	Lower	Upper
70	100		
42	41.8	49.1	73.7#
101	0.0	8.5	12.7#
130	0.8	13.4	20.0#



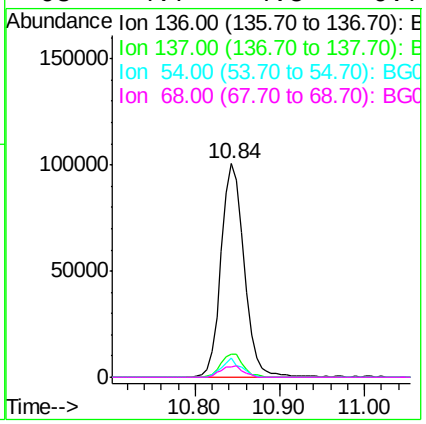


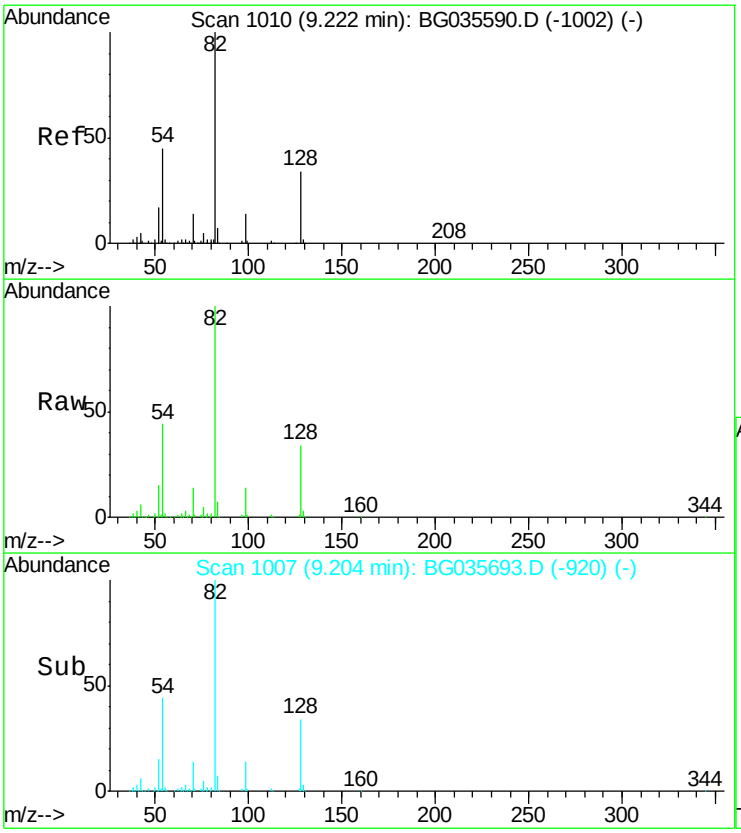
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-F-D

Tgt Ion:136 Resp: 190517

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	8.9	10.3	15.5#
68	4.7	4.5	6.7

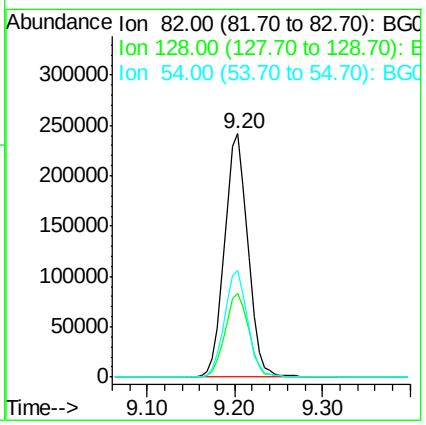


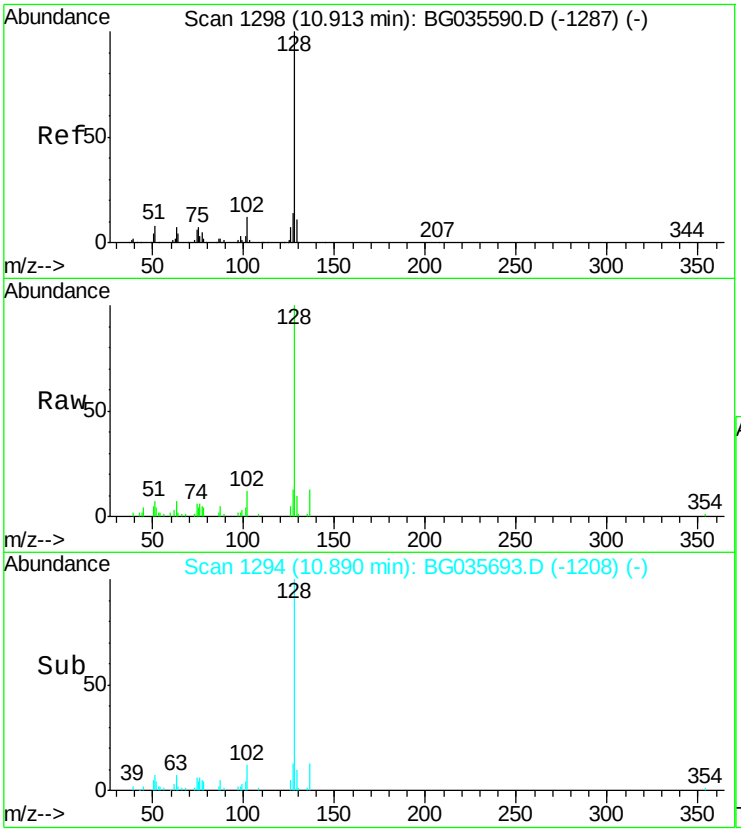


#23
Nitrobenzene-d5
Concen: 96.412 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion: 82 Resp: 439693

Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.7	44.5
54	43.9	43.1	64.7



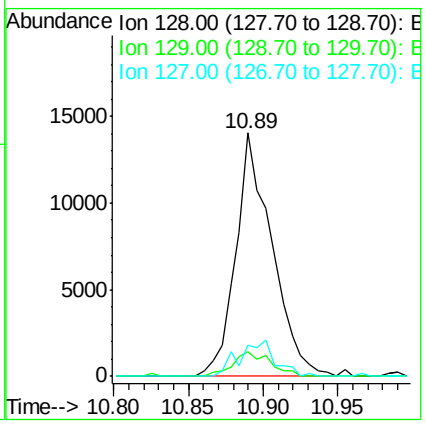


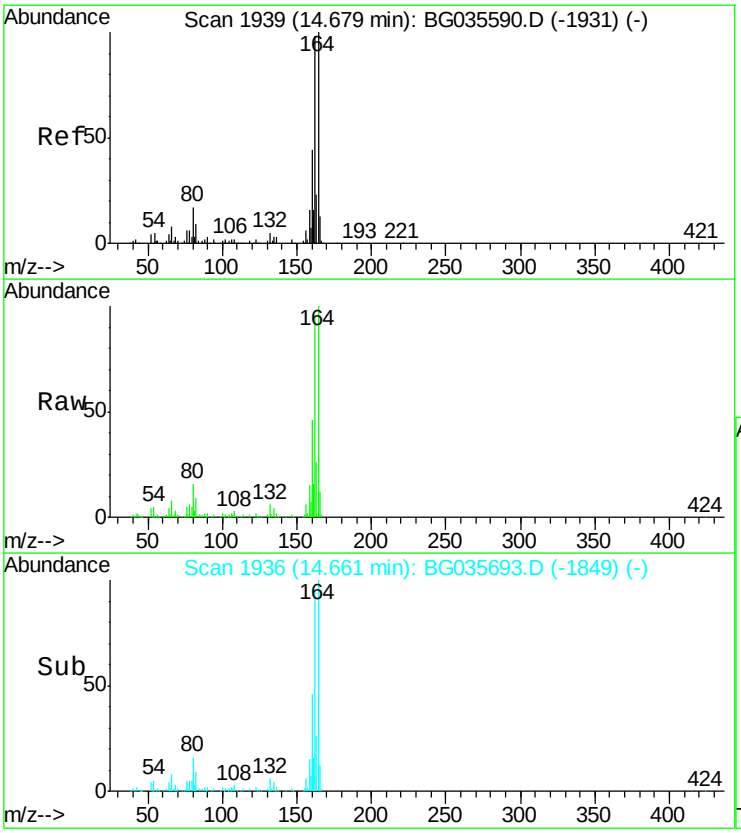
#31
Naphthalene
Concen: 2.380 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-F-D

Tgt Ion:128 Resp: 23623

Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.6	12.8
127	12.7	11.6	17.4

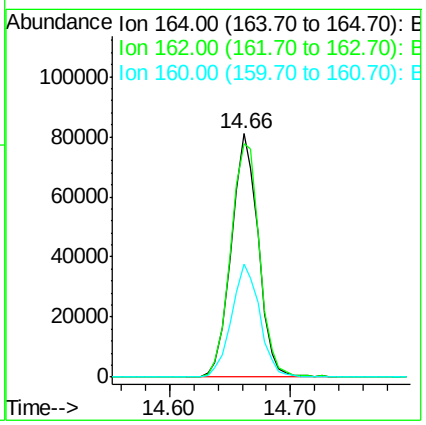


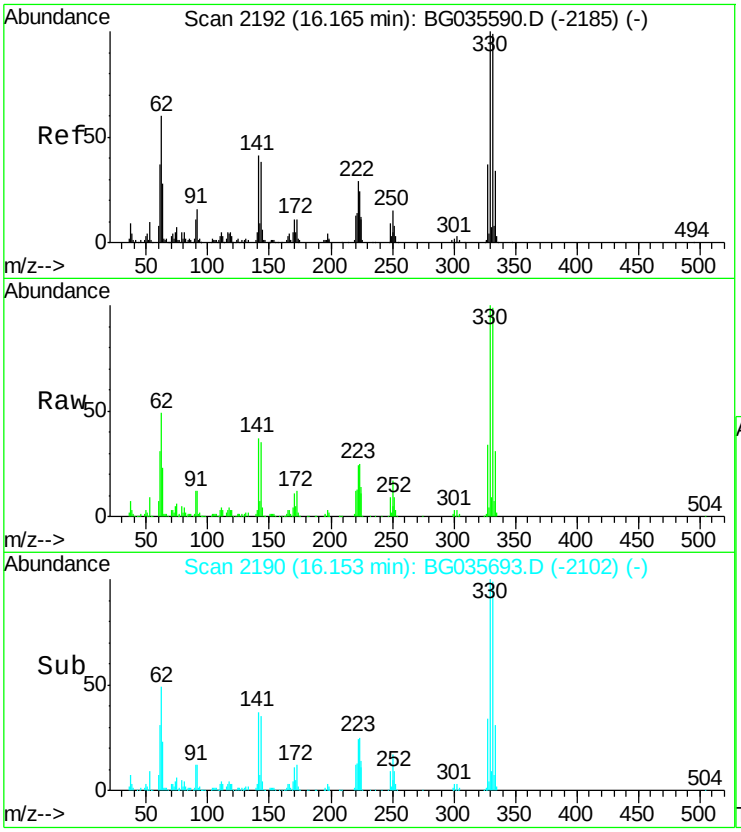


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion:164 Resp: 126328

Ion	Ratio	Lower	Upper
164	100		
162	95.9	78.8	118.2
160	46.5	35.4	53.0



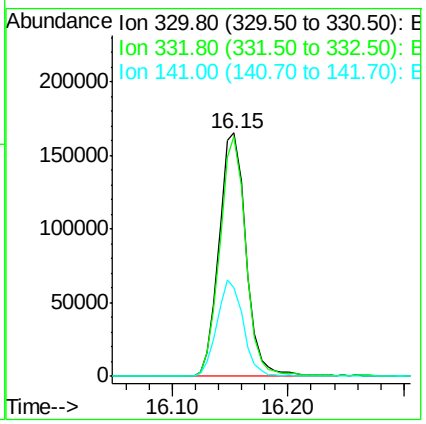


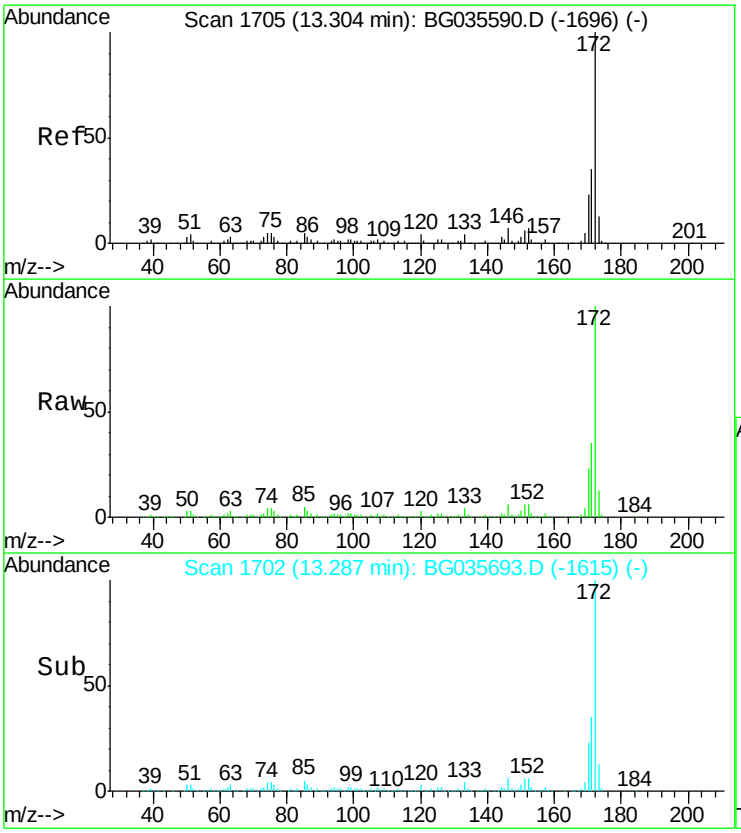
#41
2,4,6-Tribromophenol
Concen: 161.541 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-F-D

Tgt Ion:330 Resp: 268979

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	38.2	25.2	37.8#

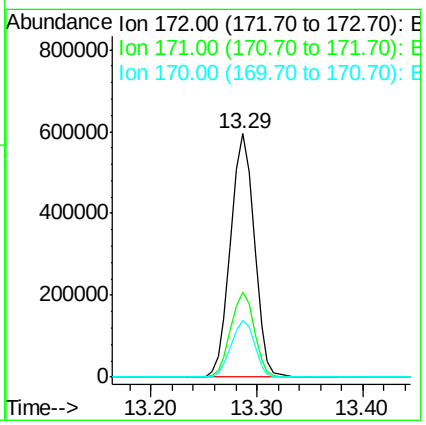


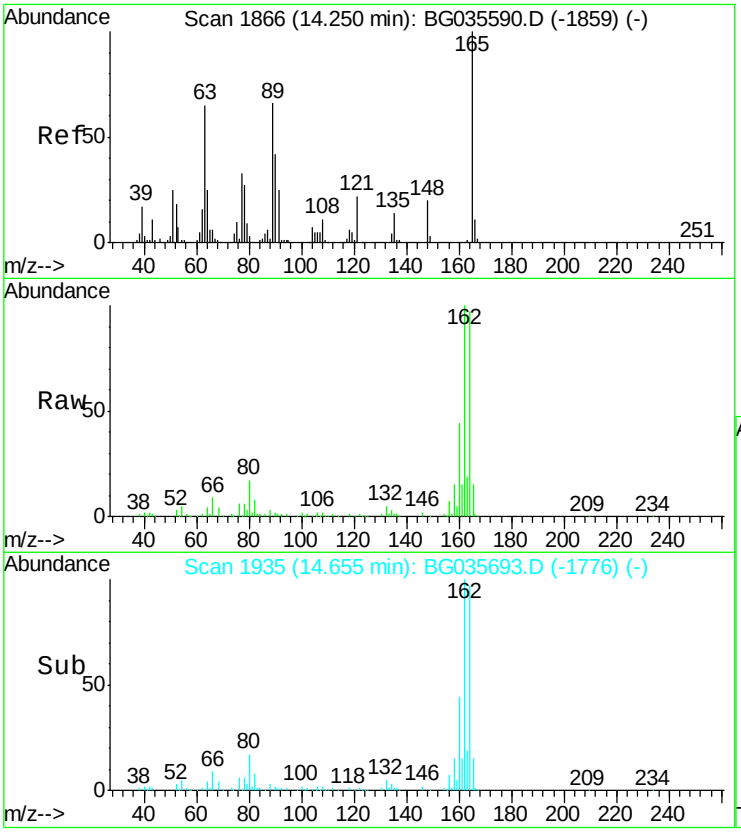


#44
2-Fluorobiphenyl
Concen: 97.942 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion:172 Resp: 923522

Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	23.5	19.5	29.3



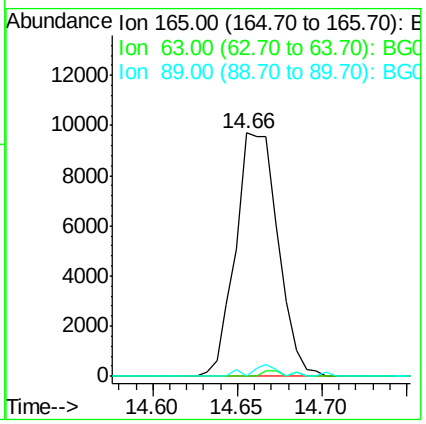


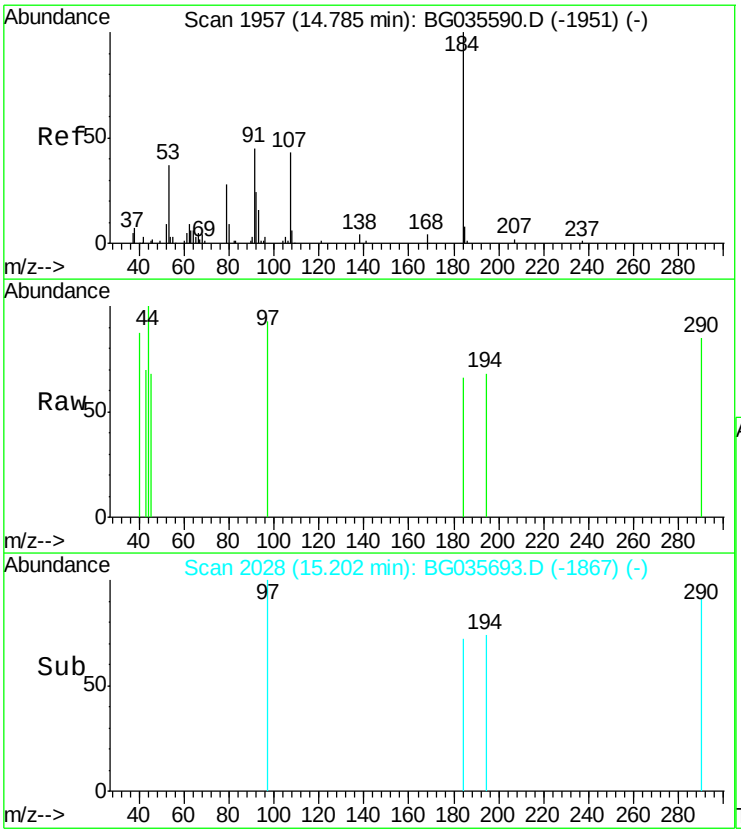
#50
2,6-Dinitrotoluene
Concen: 7.535 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.41 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-F-D

Tgt Ion:165 Resp: 16983

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

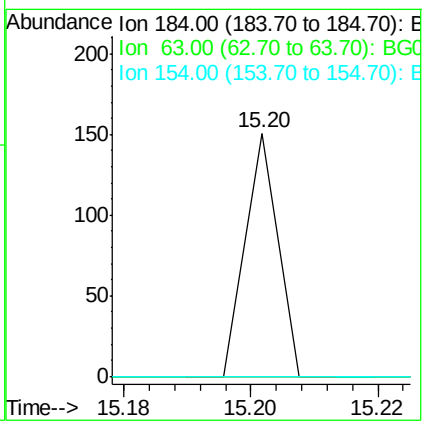


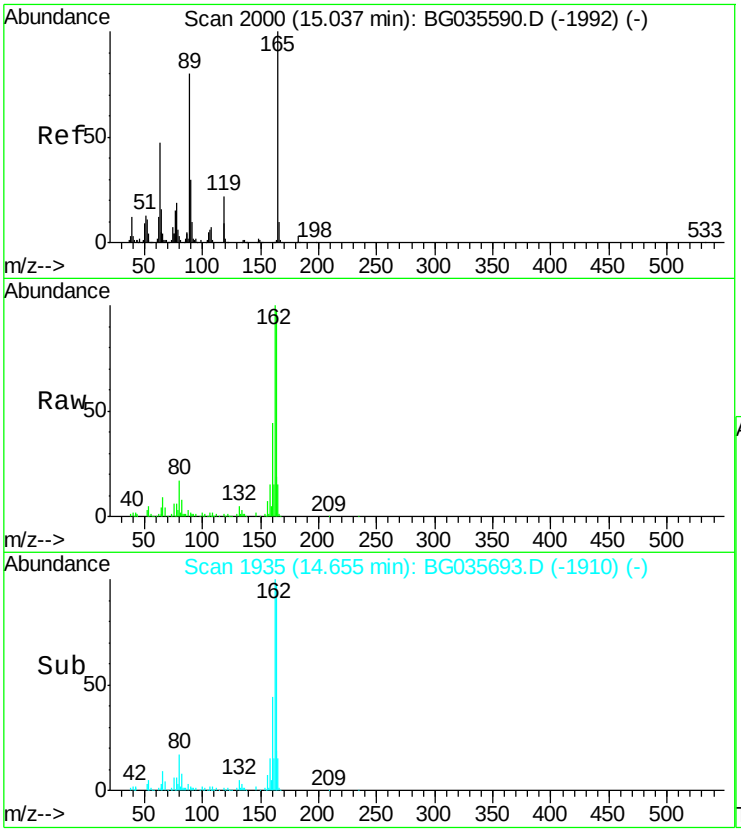


#53
2,4-Dinitrophenol
Concen: 6.624 ng
RT: 15.20 min Scan# 2028
Delta R.T. 0.42 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion:184 Resp: 53

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



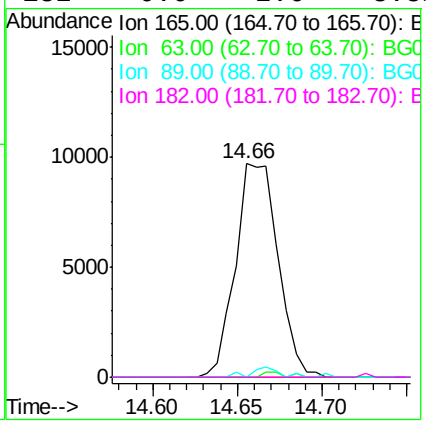


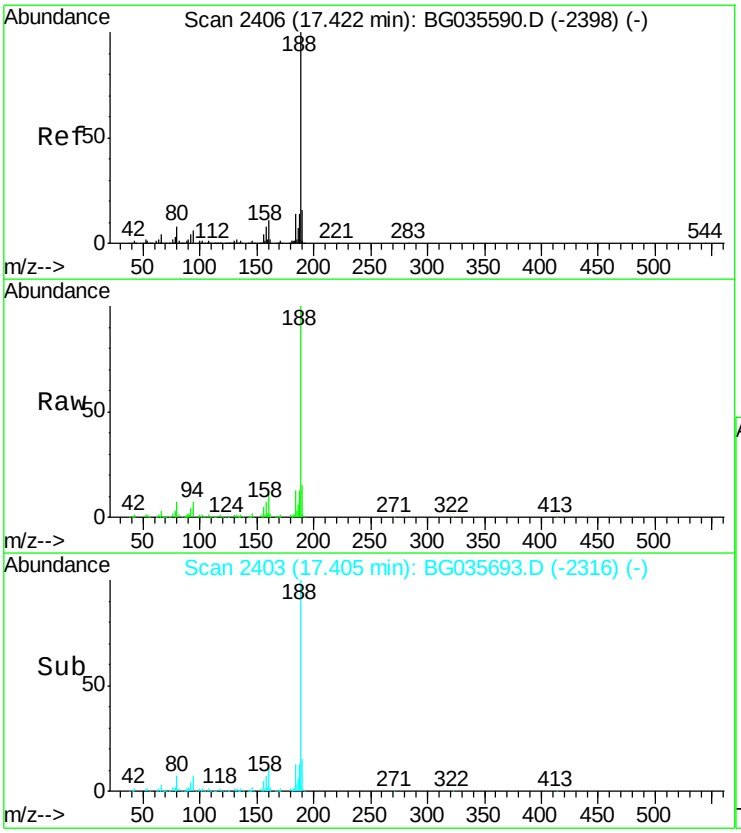
#56
2,4-Dinitrotoluene
Concen: 5.252 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.38 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-F-D

Tgt Ion:165 Resp: 16983

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#

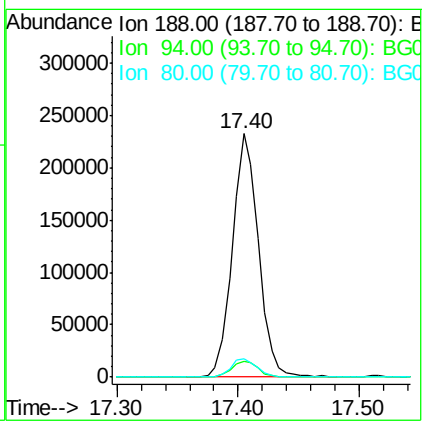


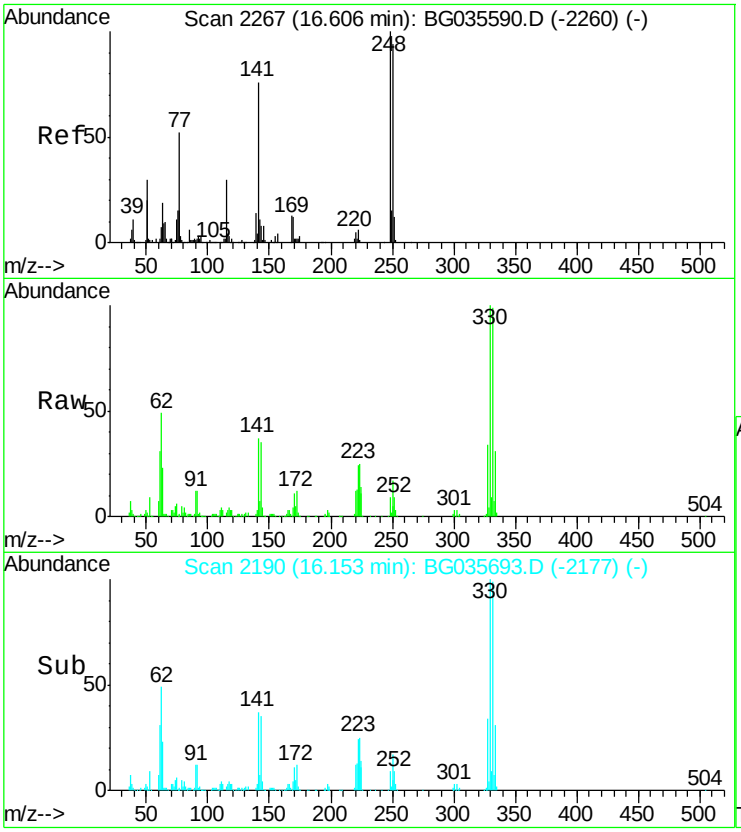


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion:188 Resp: 350135

Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.3	7.7	11.5#



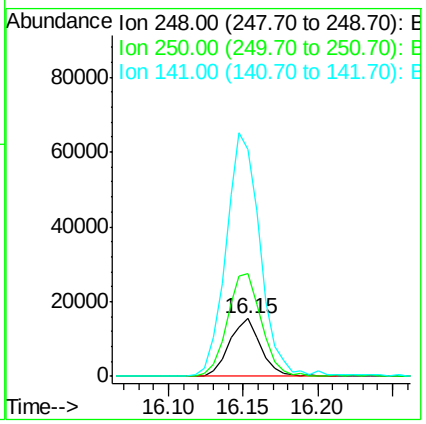


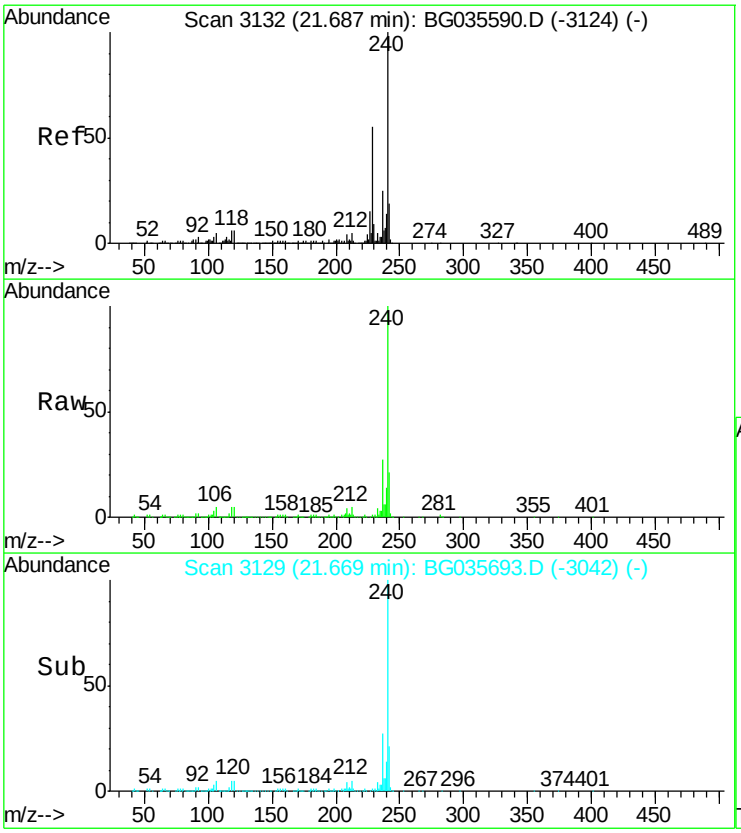
#66
4-Bromophenyl-phenylether
Concen: 5.656 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-F-D

Tgt Ion:248 Resp: 22975

Ion	Ratio	Lower	Upper
248	100		
250	179.5	77.1	115.7#
141	394.8	50.8	76.2#

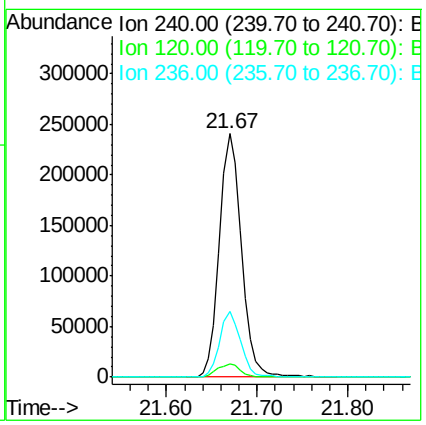


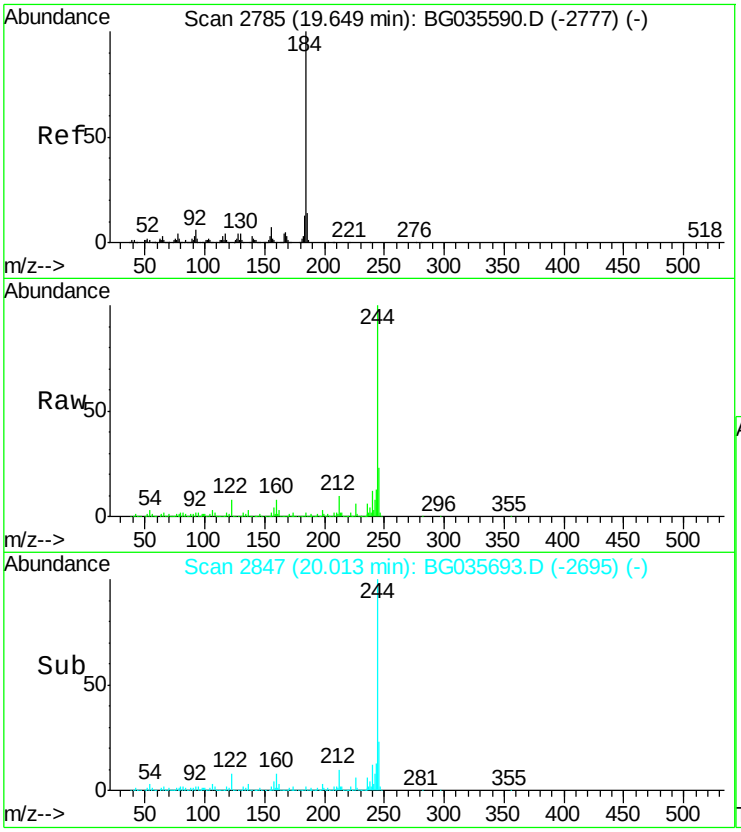


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion:240 Resp: 406918

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	26.8	20.9	31.3



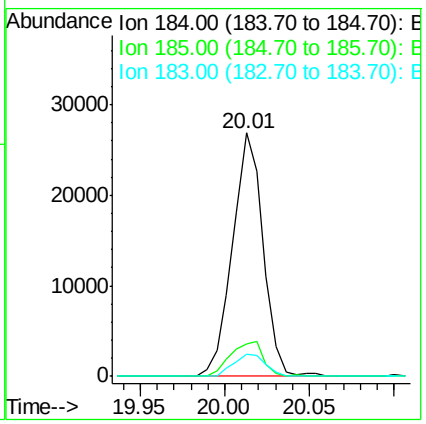


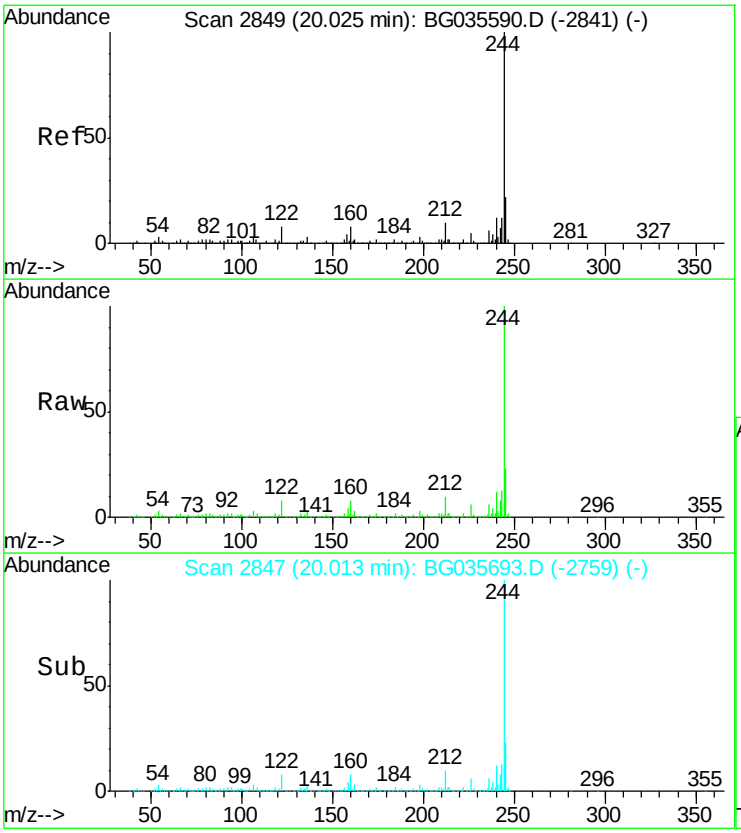
#76
Benzidine
Concen: 3.167 ng
RT: 20.01 min Scan# 2847
Delta R.T. 0.36 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-F-D

Tgt Ion:184 Resp: 33877

Ion	Ratio	Lower	Upper
184	100		
185	13.4	11.1	16.7
183	9.0	10.6	16.0#

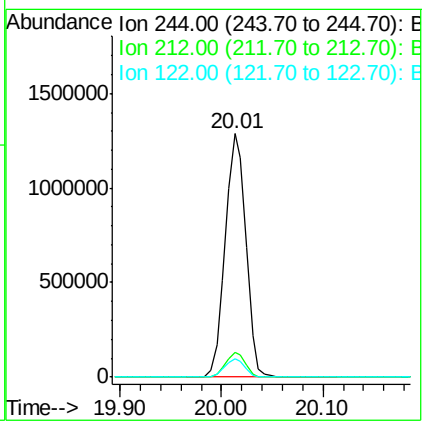


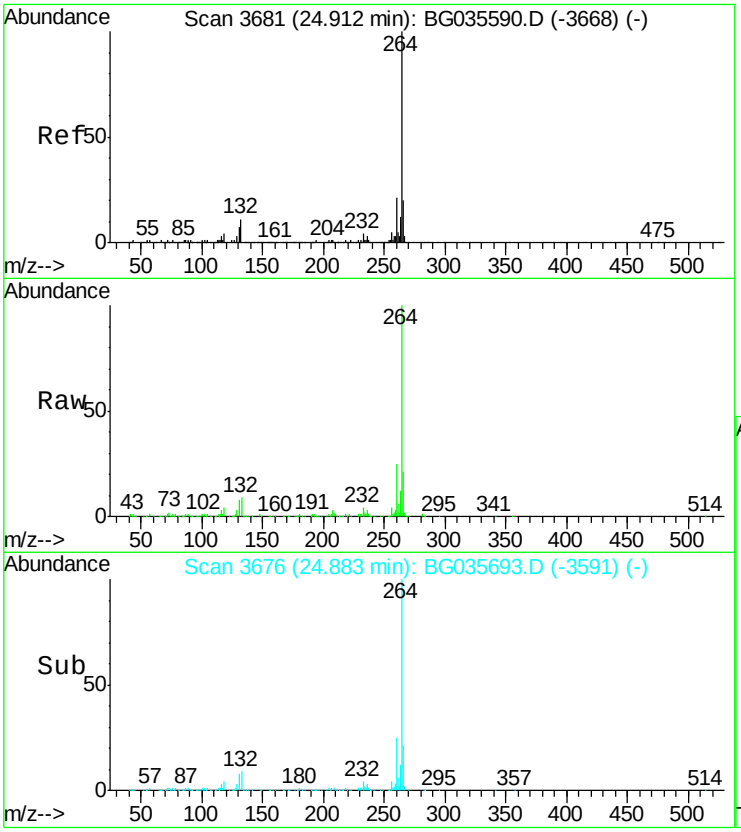


#78
Terphenyl-d14
Concen: 98.578 ng
RT: 20.01 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Tgt Ion:244 Resp: 1819760

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	7.7	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG035693.D
Acq: 17 Jul 2018 21:50

Instrument :
BNA_G
ClientSampleId :
TP-F-D

Tgt Ion:264 Resp: 392169

Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	21.1	17.7	26.5