Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG070218\
Data File : BG035554.D
Acq On : 2 Jul 2018 17:02
Operator : JU/SJ
Sample : J3790-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : REACTOR-PAD

Quant Time: Jul 02 18:37:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	30837	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	115988	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	92865	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	252994	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	262993	20.00	ng	-0.03
86) Perylene-d12	24.92	264	256795	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	247353	135.37	ng	0.00
7) Phenol-d6	7.22	99	334246	123.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	266004	109.01	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	202342	170.21	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	636621	89.12	ng	-0.02
78) Terphenyl-d14	20.03	244	1268239	101.01	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.23	70	35250	15.385	ng	# 72
50) 2,6-Dinitrotoluene	14.69	165	12694	8.592	ng	# 18
56) 2,4-Dinitrotoluene	14.69	165	12694	6.468	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	15774	5.177	ng	# 1
76) Benzidine	20.03	184	19573	2.000	ng	# 94

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

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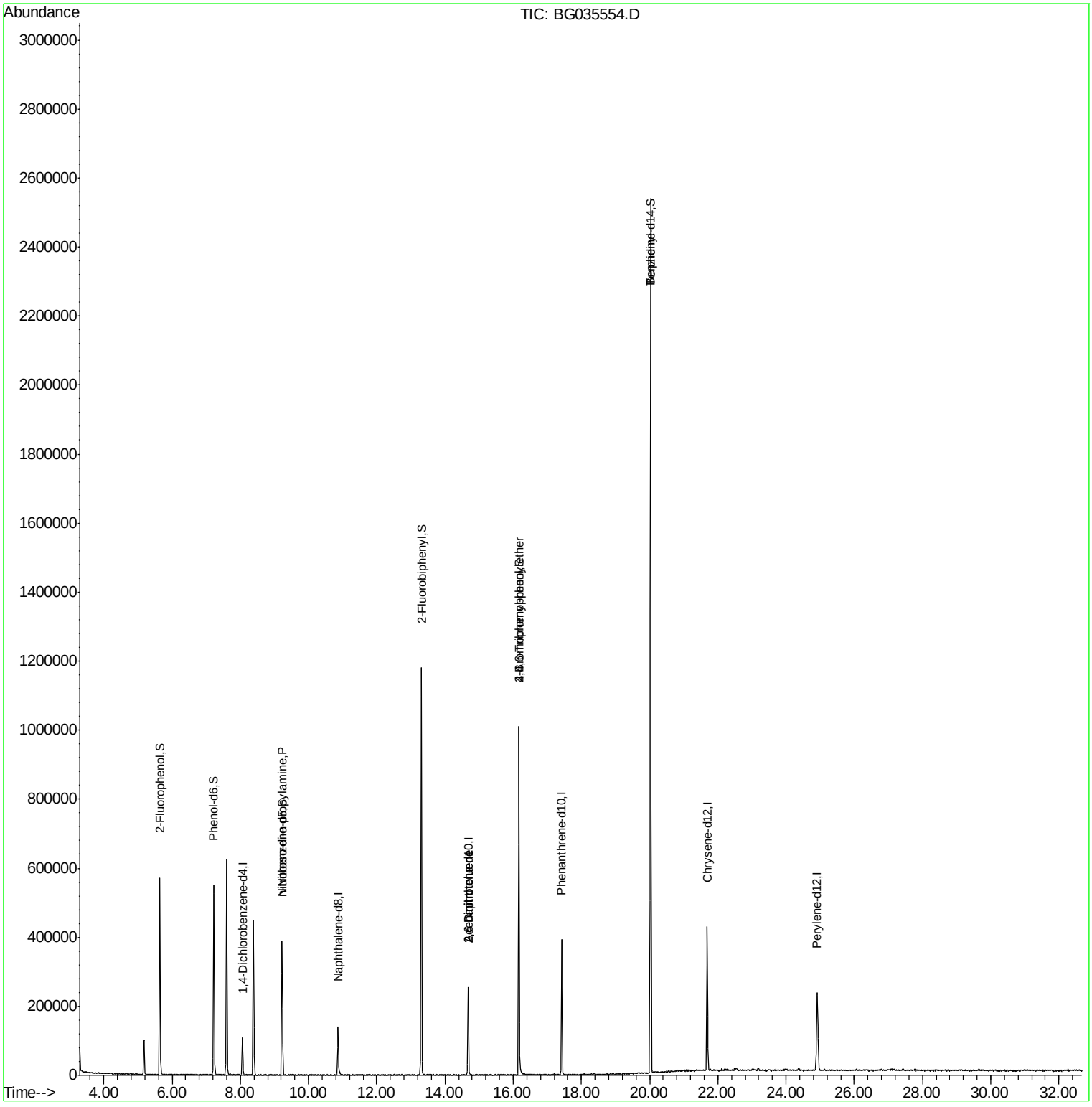
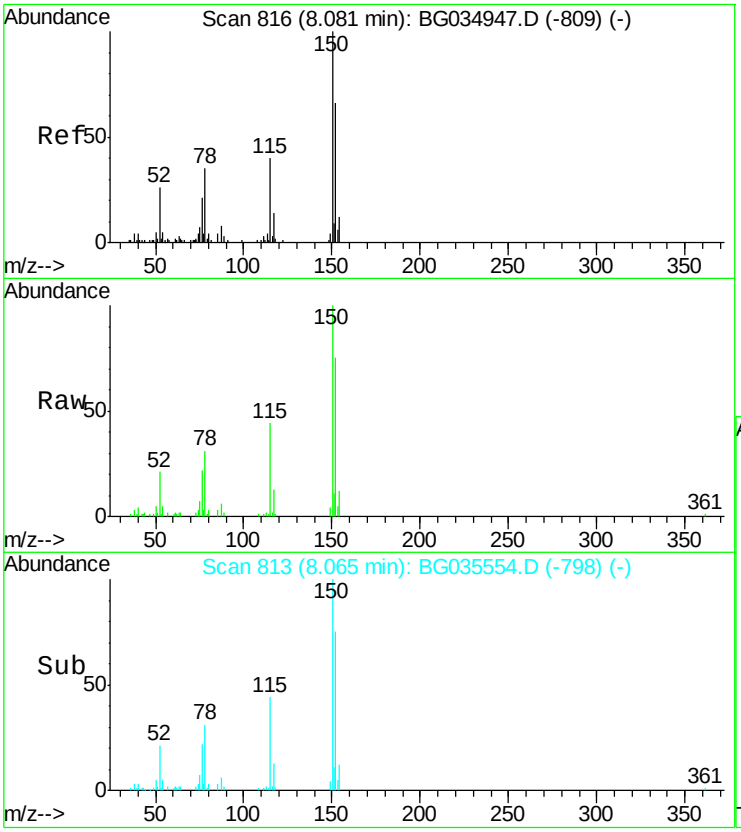


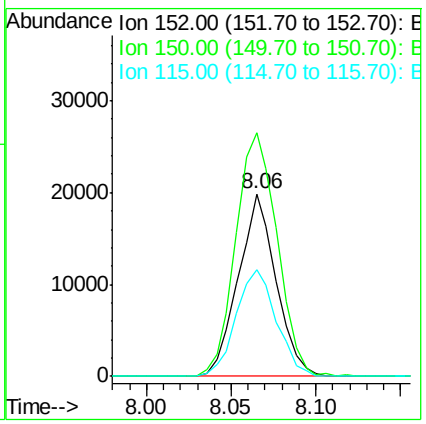


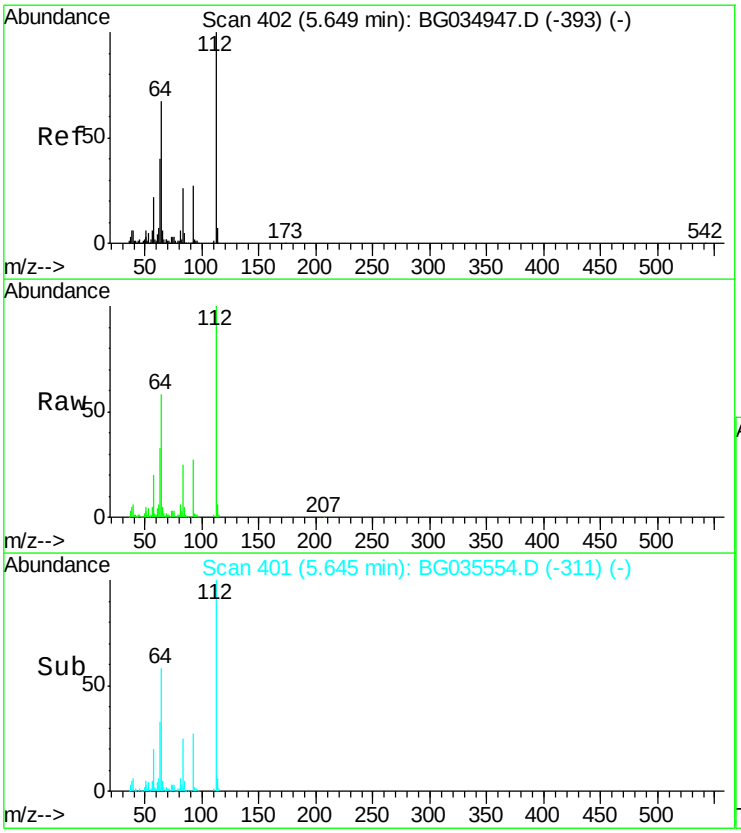
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-PAD

Tgt Ion:152 Resp: 30837

Ion	Ratio	Lower	Upper
152	100		
150	133.6	126.6	189.8
115	58.6	53.0	79.4

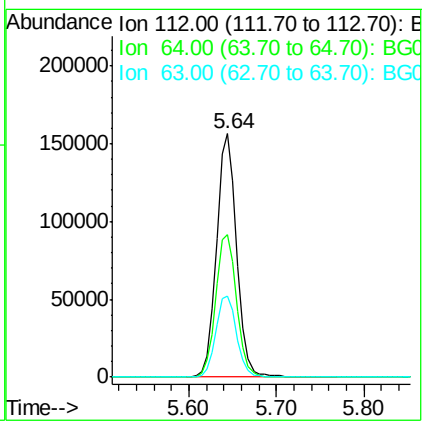


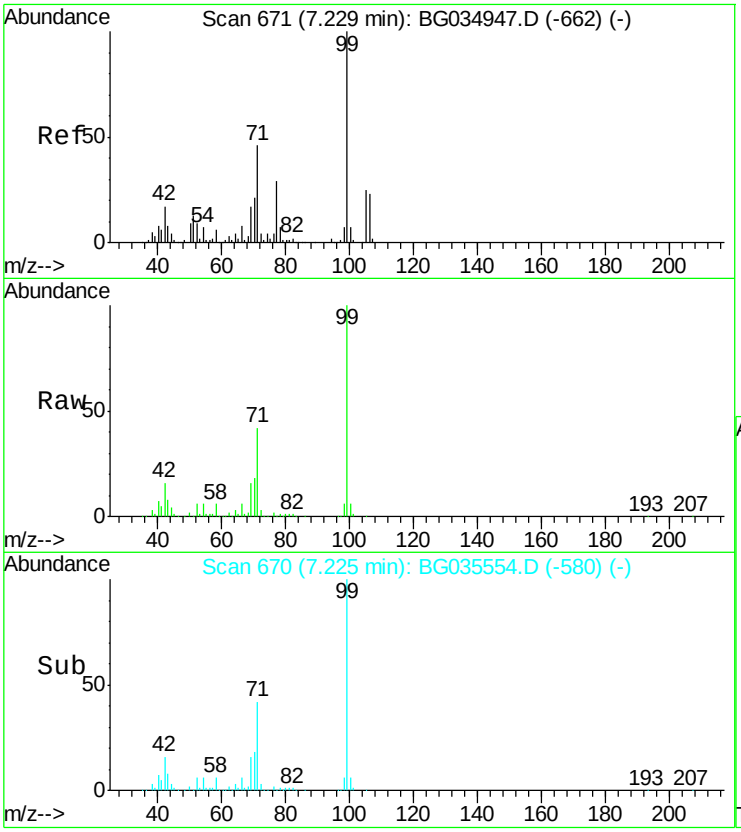


#5
2-Fluorophenol
Concen: 135.368 ng
RT: 5.64 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Tgt Ion:112 Resp: 247353

Ion	Ratio	Lower	Upper
112	100		
64	58.4	56.3	84.5
63	33.2	30.1	45.1



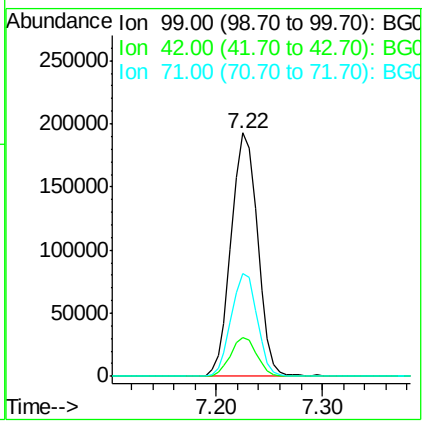


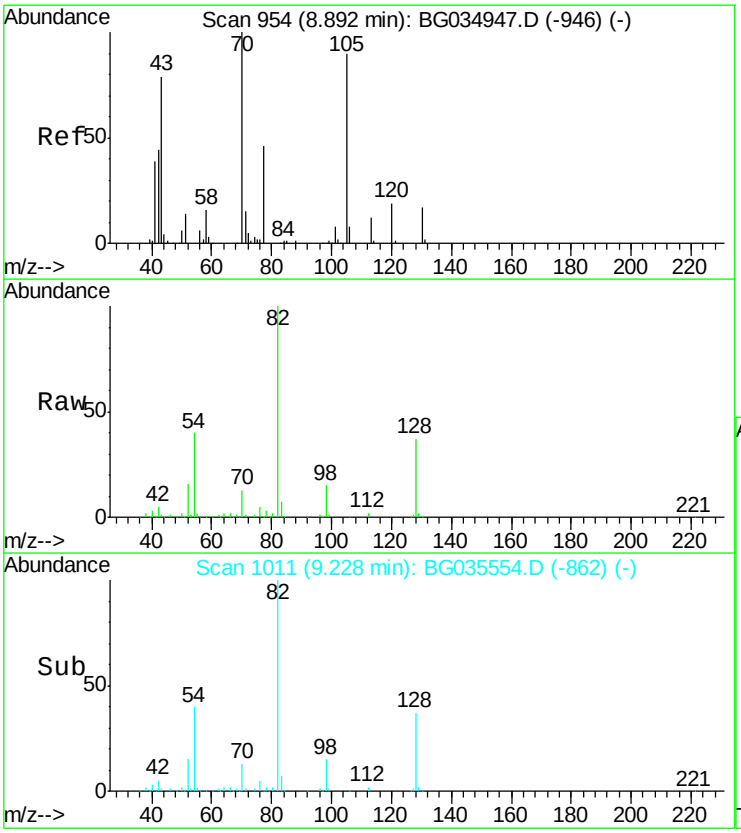
#7
Phenol-d6
Concen: 123.936 ng
RT: 7.22 min Scan# 670
Delta R.T. 0.00 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-PAD

Tgt Ion: 99 Resp: 334246

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	42.3	26.1	39.1#

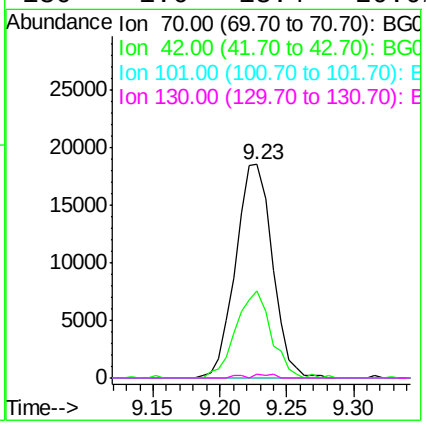


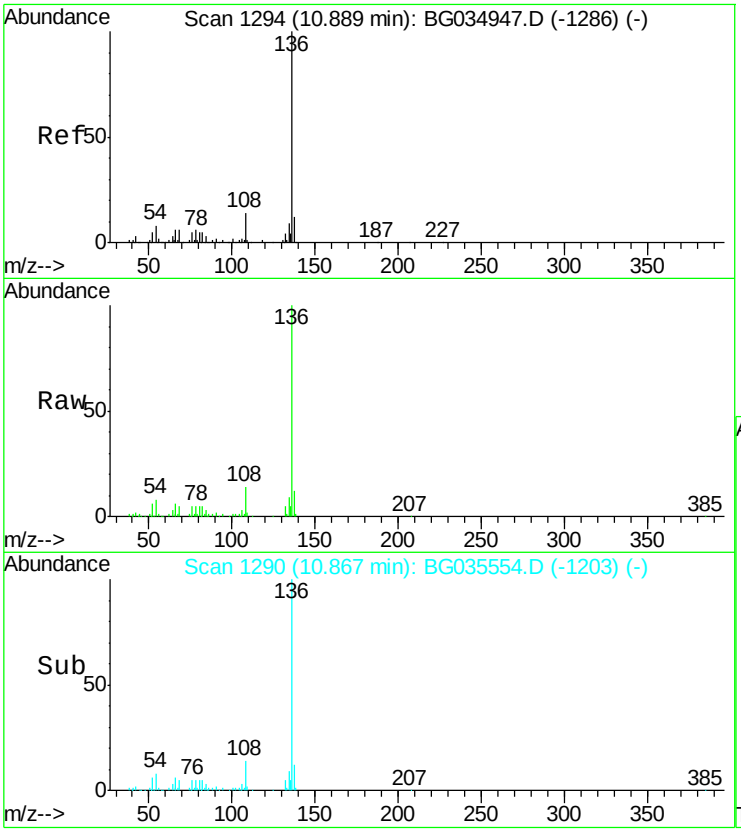


#19
n-Nitroso-di-n-propylamine
Concen: 15.385 ng
RT: 9.23 min Scan# 1011
Delta R.T. 0.35 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Tgt Ion: 70 Resp: 35250

Ion	Ratio	Lower	Upper
70	100		
42	41.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



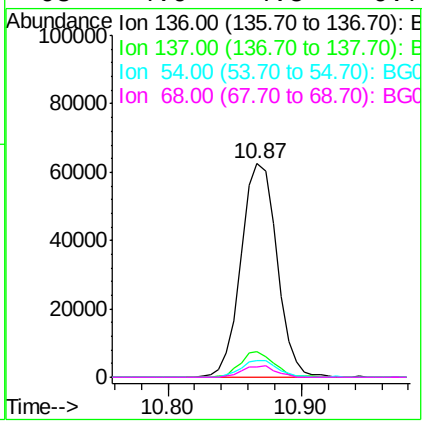


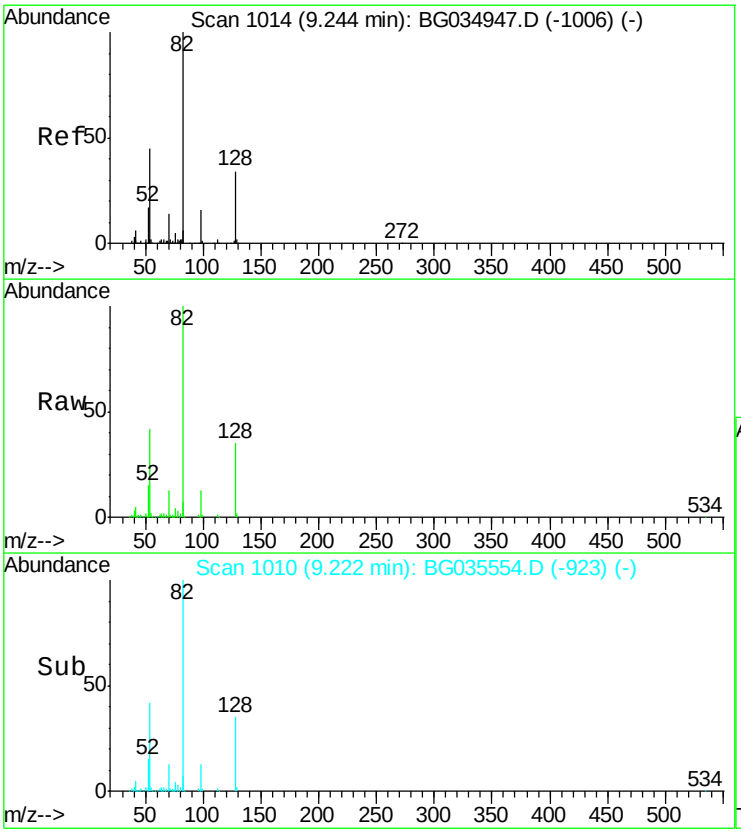
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-PAD

Tgt Ion:136 Resp: 115988

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	7.7	10.3	15.5#
68	4.9	4.5	6.7

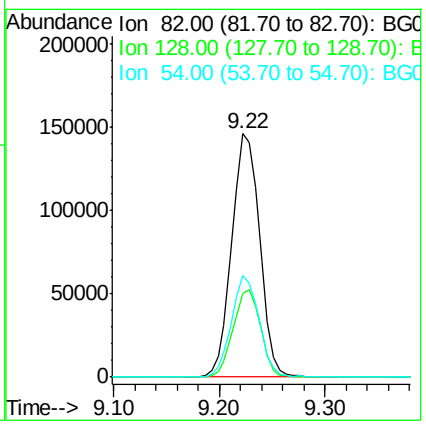


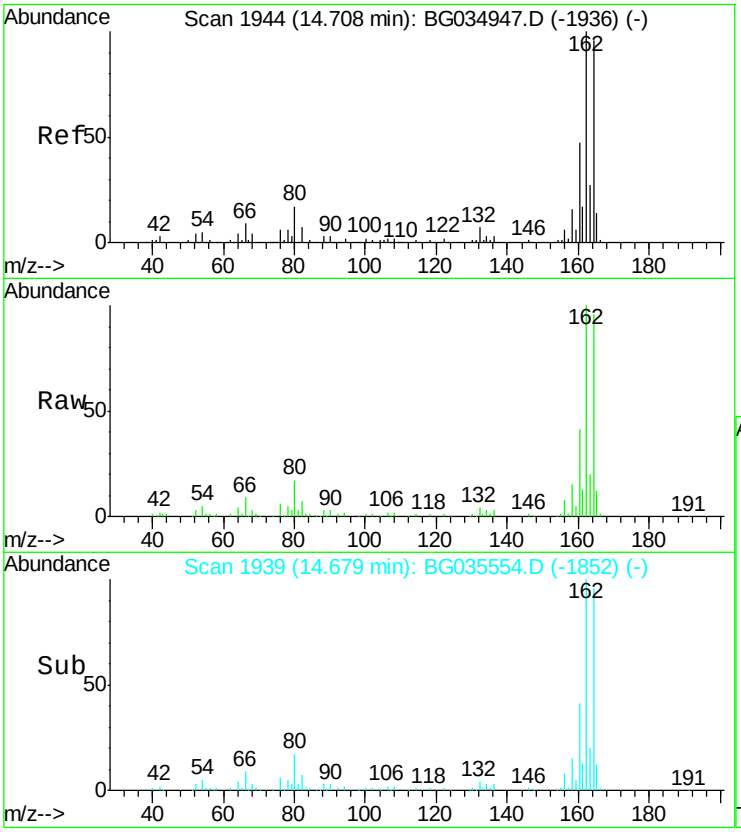


#23
Nitrobenzene-d5
Concen: 109.014 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Tgt Ion: 82 Resp: 266004

Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	41.6	43.1	64.7#



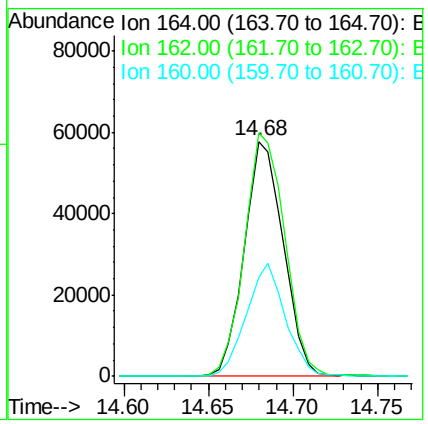


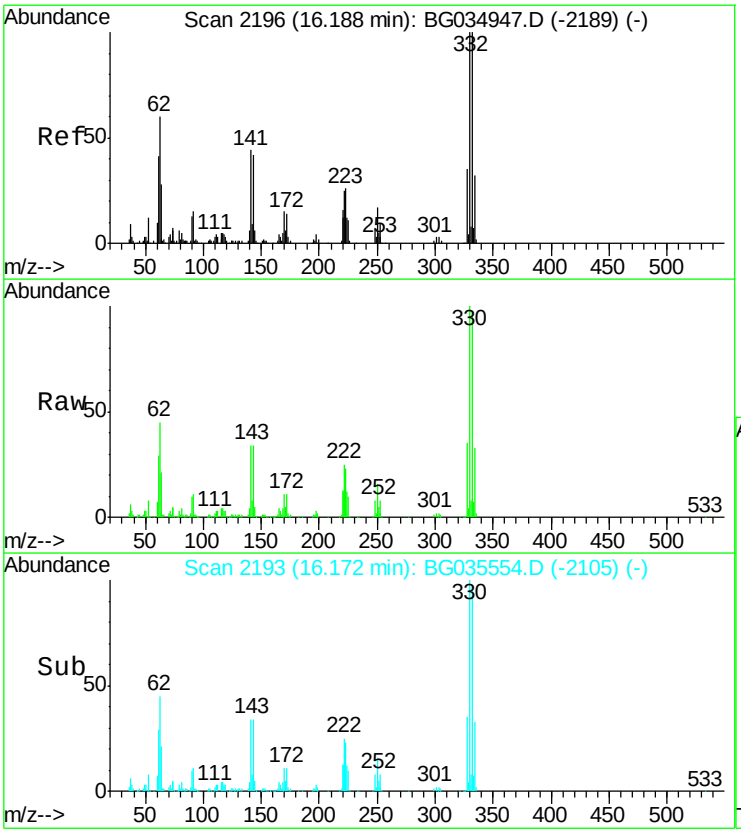
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-PAD

Tgt Ion:164 Resp: 92865

Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	42.4	35.4	53.0

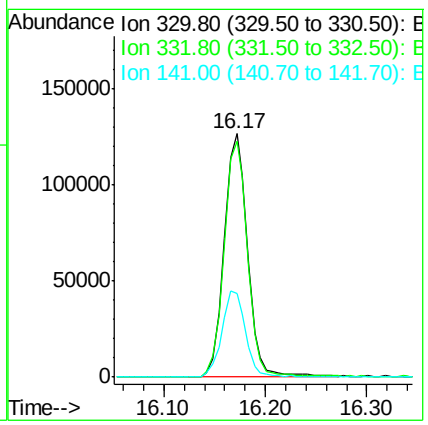


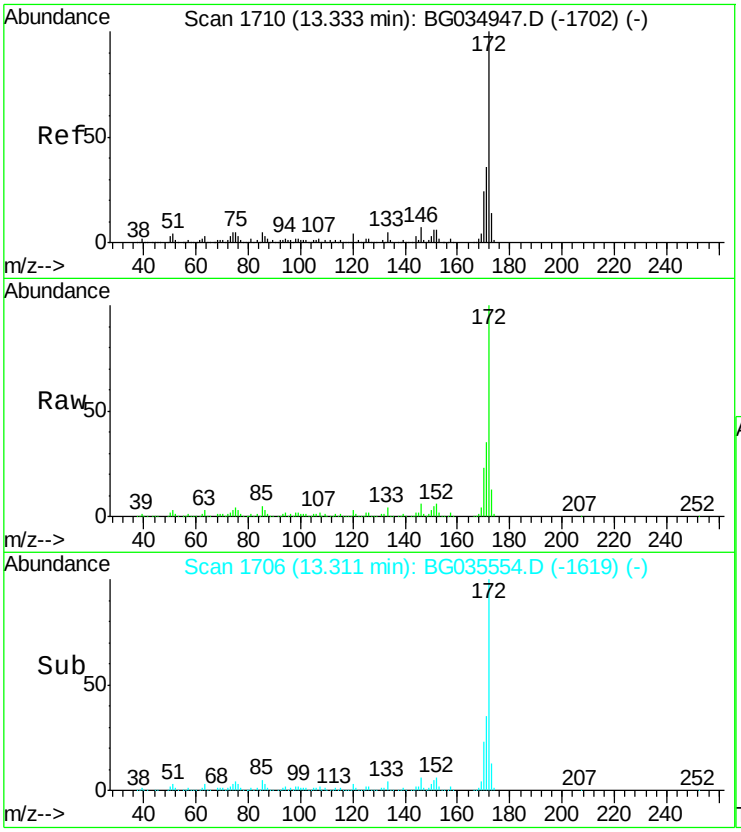


#41
2,4,6-Tribromophenol
Concen: 170.208 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Tgt Ion:330 Resp: 202342

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	35.8	25.2	37.8



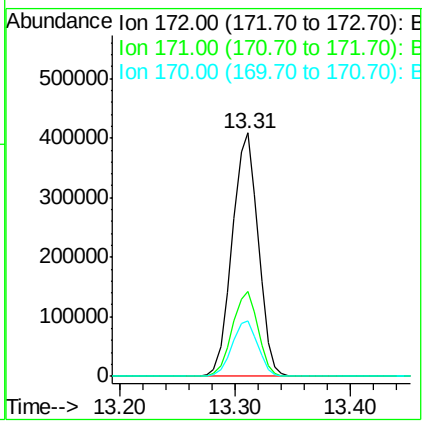


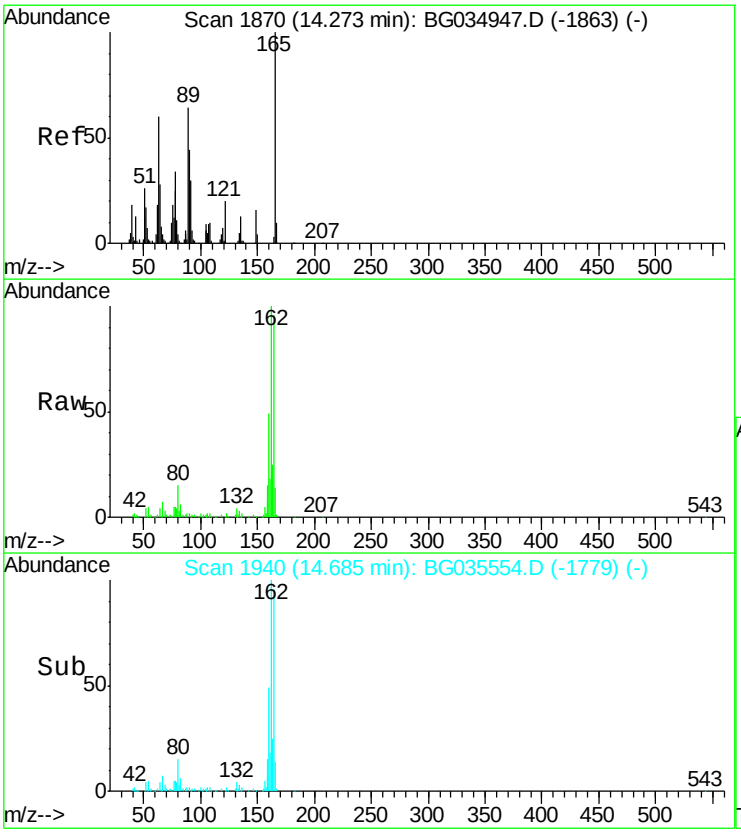
#44
2-Fluorobiphenyl
Concen: 89.119 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-PAD

Tgt Ion:172 Resp: 636621

Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	22.9	19.5	29.3

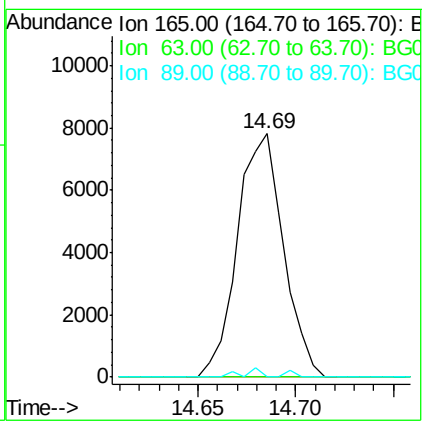


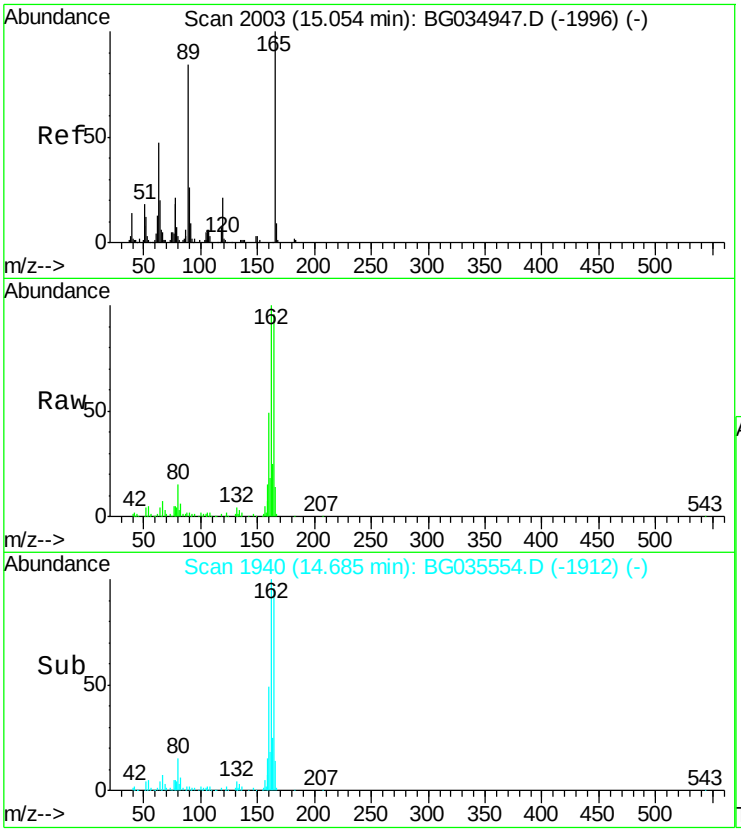


#50
2,6-Dinitrotoluene
Concen: 8.592 ng
RT: 14.69 min Scan# 1940
Delta R.T. 0.42 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Tgt Ion:165 Resp: 12694

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



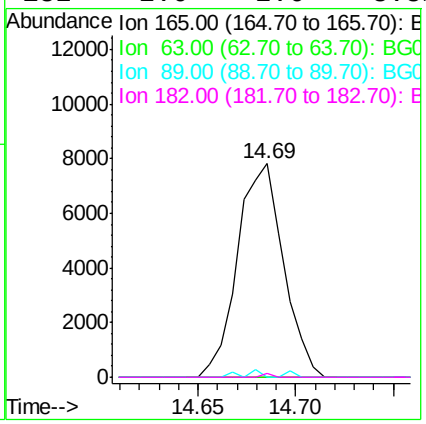


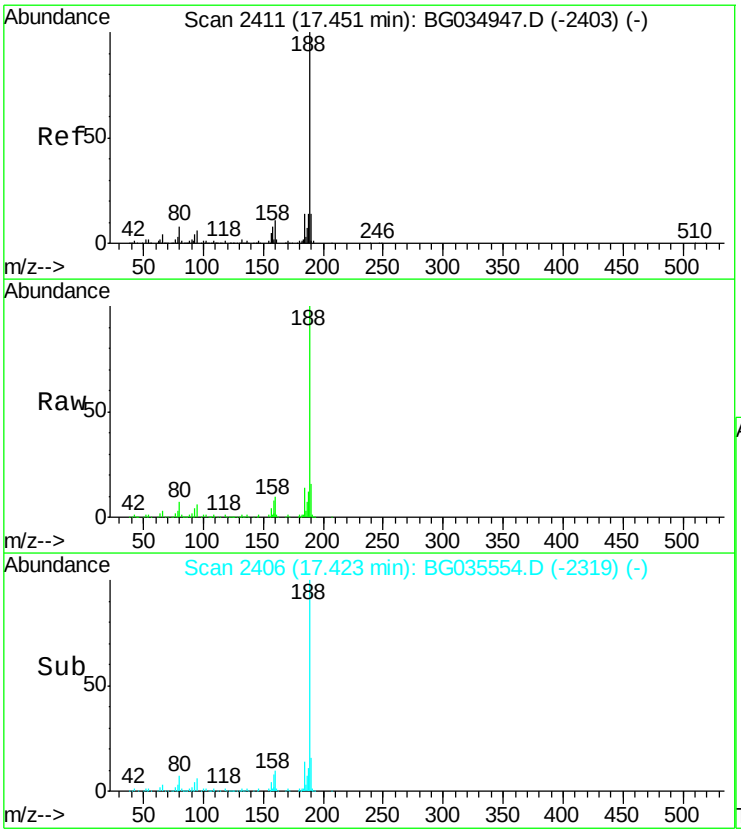
#56
2,4-Dinitrotoluene
Concen: 6.468 ng
RT: 14.69 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-PAD

Tgt Ion:165 Resp: 12694

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	2.0	2.6	3.8#

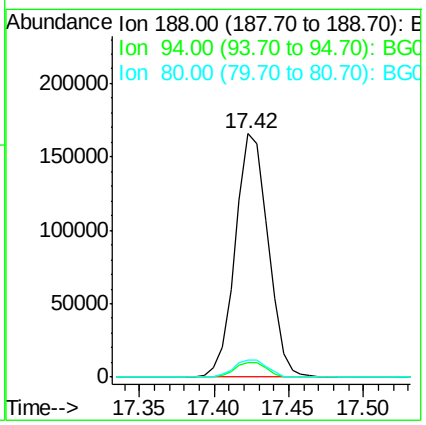


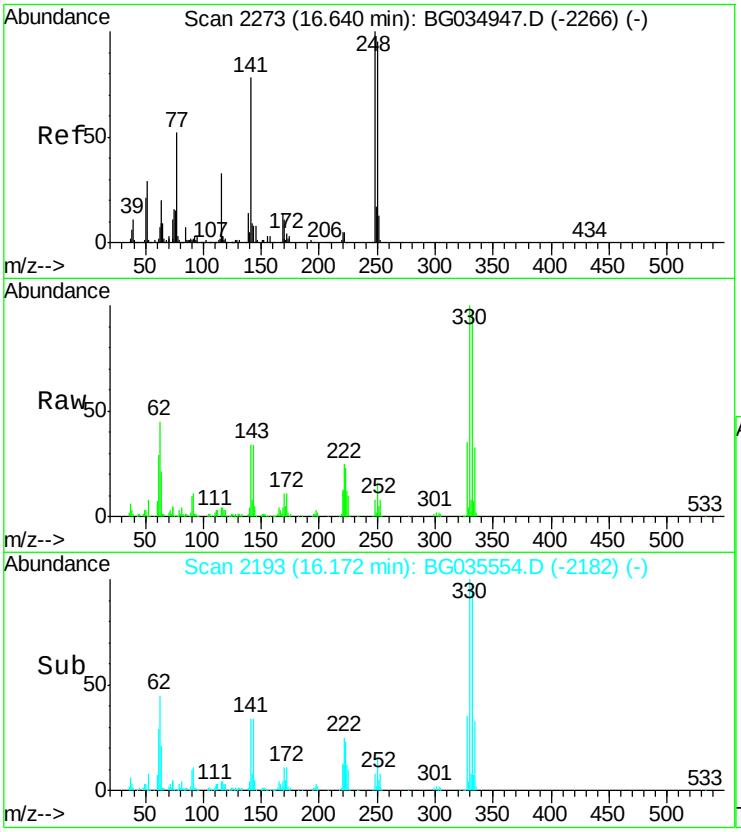


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Tgt Ion:188 Resp: 252994

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.1	7.7	11.5#



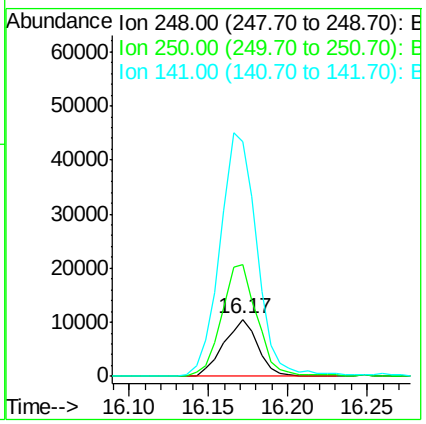


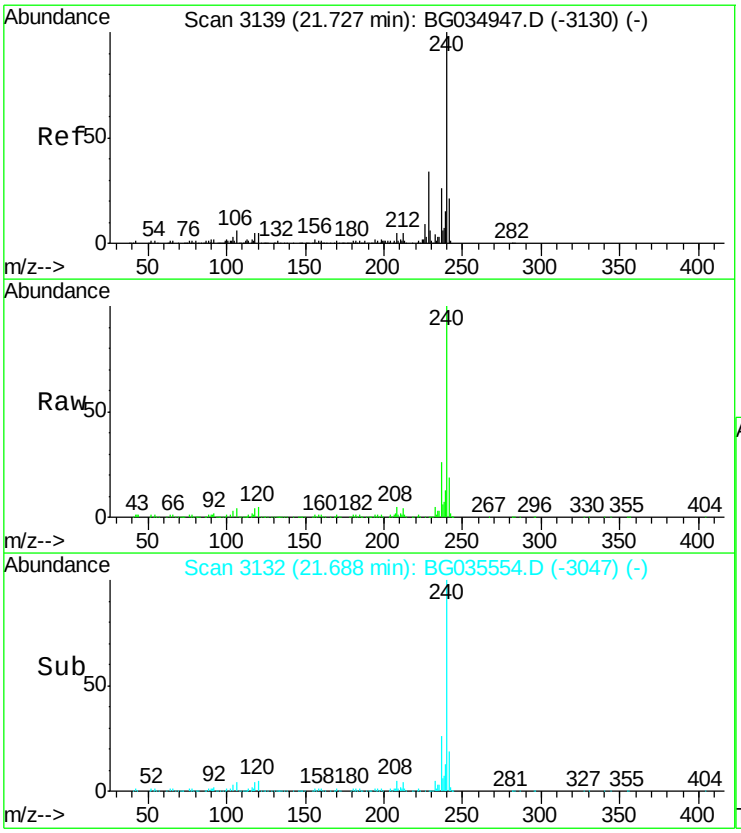
#66
4-Bromophenyl-phenylether
Concen: 5.177 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-PAD

Tgt Ion:248 Resp: 15774

Ion	Ratio	Lower	Upper
248	100		
250	196.2	77.1	115.7#
141	410.8	50.8	76.2#

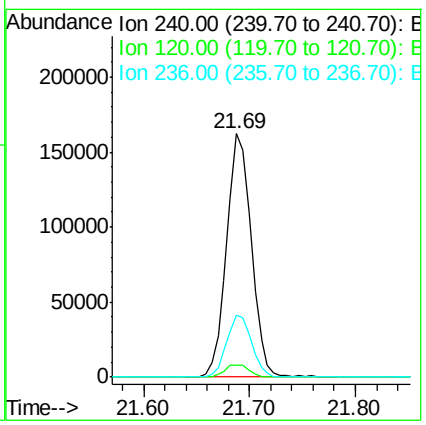


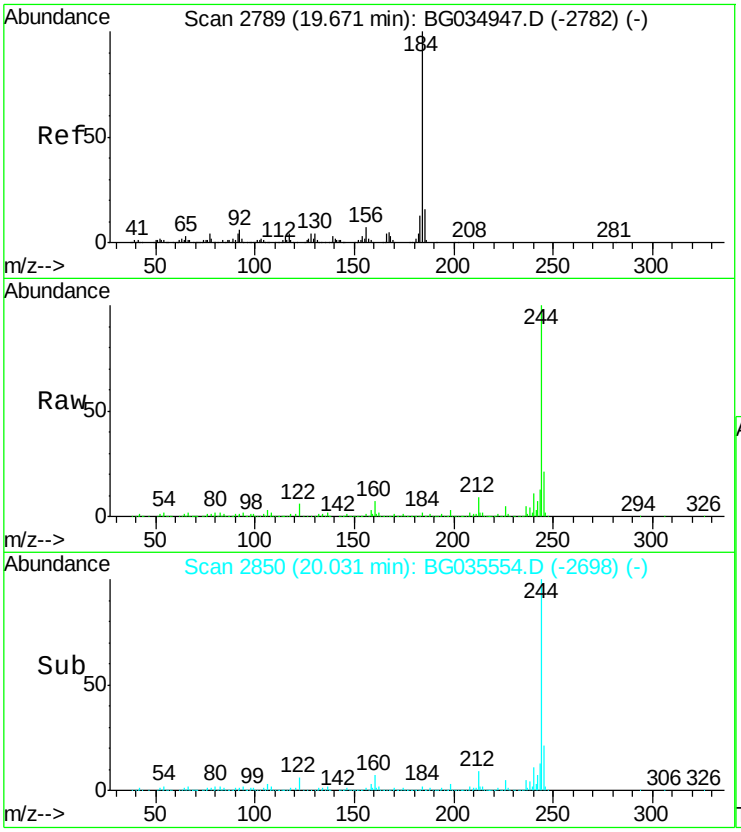


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Tgt Ion:240 Resp: 262993

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	25.6	20.9	31.3



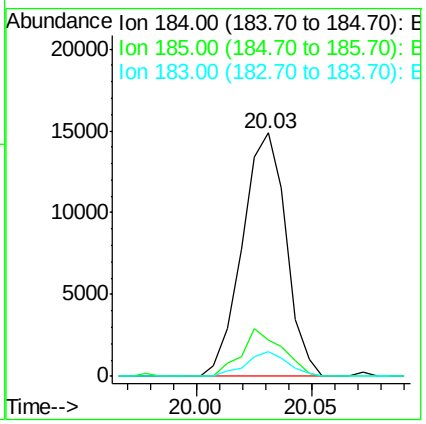


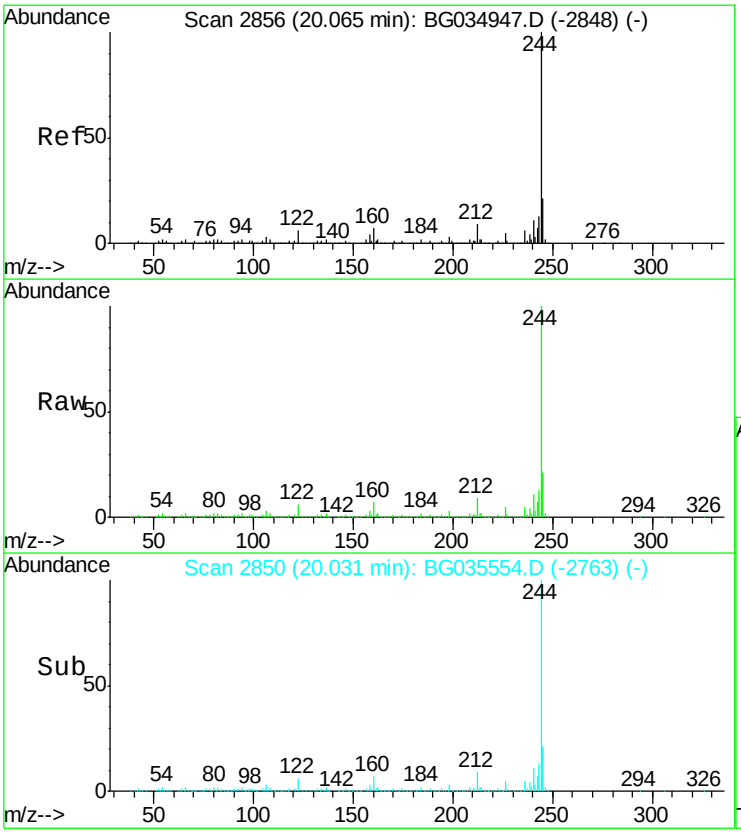
#76
Benzidine
Concen: 2.000 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.36 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-PAD

Tgt Ion:184 Resp: 19573

Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.1	16.7
183	10.0	10.6	16.0#

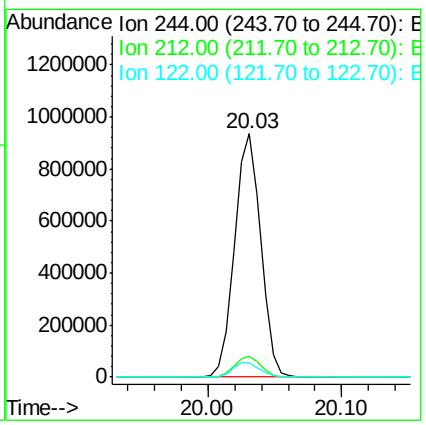


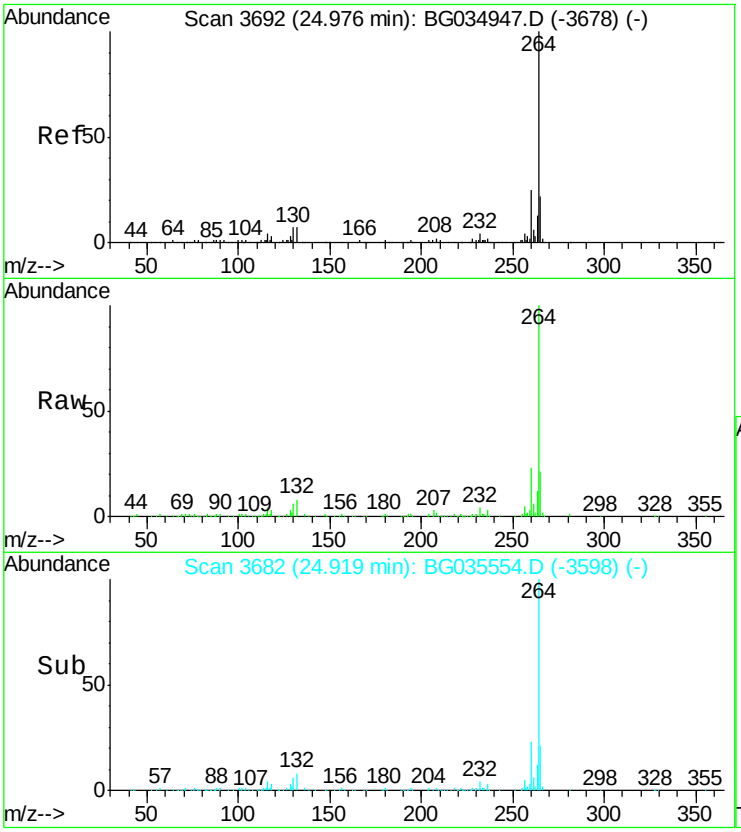


#78
Terphenyl-d14
Concen: 101.012 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Tgt Ion:244 Resp: 1268239

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	6.1	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.03 min
Lab File: BG035554.D
Acq: 2 Jul 2018 17:02

Instrument :
BNA_G
ClientSampleId :
REACTOR-PAD

Tgt Ion:264 Resp: 256795

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.4	17.7	26.5