Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062018\
Data File : BG035286.D
Acq On : 21 Jun 2018 5:17
Operator : SJ/JU
Sample : J3247-06
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 21 06:56:42 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	60484	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	205009	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	143162	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	391280	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	430402	20.00	ng	-0.03
86) Perylene-d12	24.91	264	411661	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	475142	132.57	ng	0.00
7) Phenol-d6	7.22	99	610315	115.38	ng	0.00
23) Nitrobenzene-d5	9.22	82	476663	110.52	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	324643	177.14	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1054352	95.74	ng	-0.02
78) Terphenyl-d14	20.03	244	1947556	94.78	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	66377	14.770	ng	# 68
50) 2,6-Dinitrotoluene	14.68	165	18513	8.129	ng	# 19
56) 2,4-Dinitrotoluene	14.68	165	18513	6.119	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	25531	5.418	ng	# 1
76) Benzidine	20.03	184	33818	2.112	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062018\
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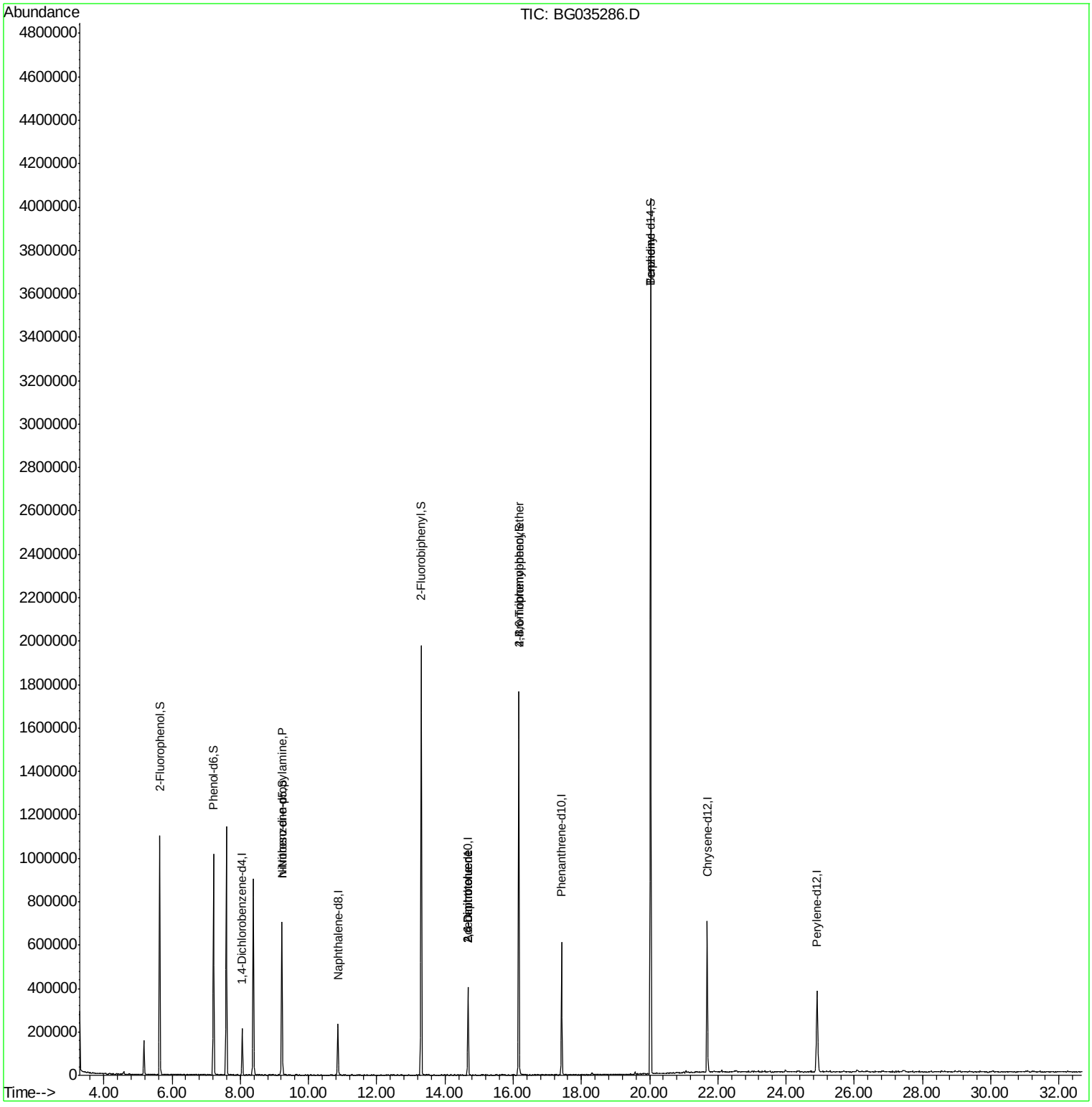
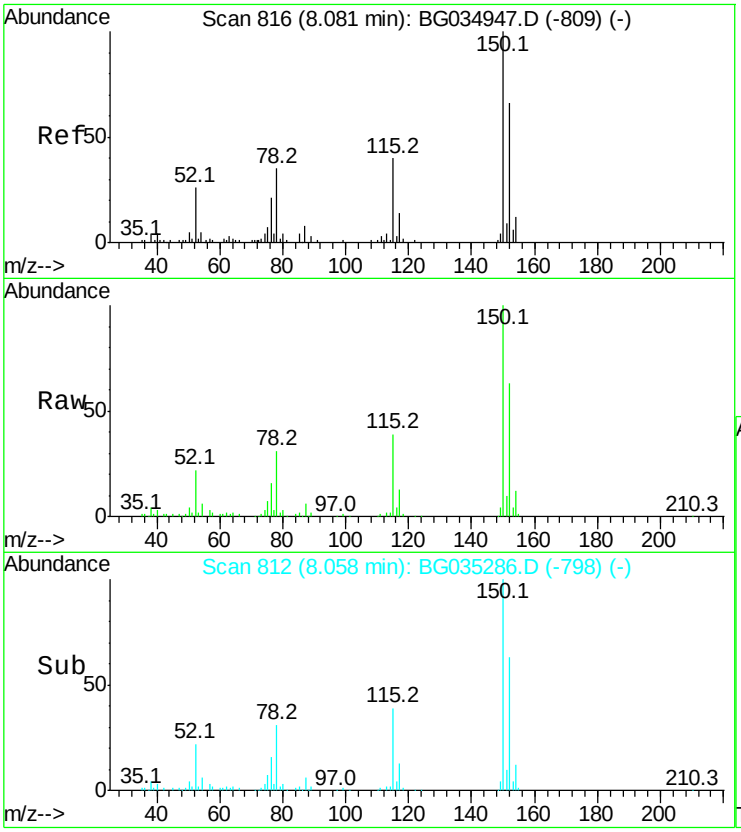
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration



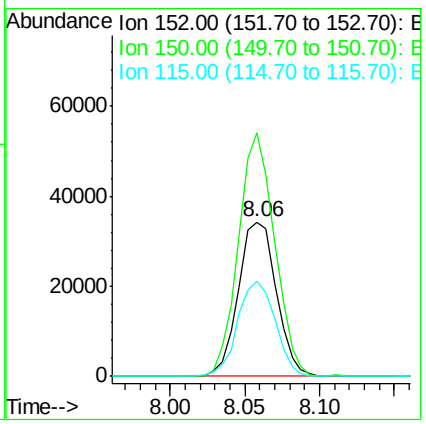


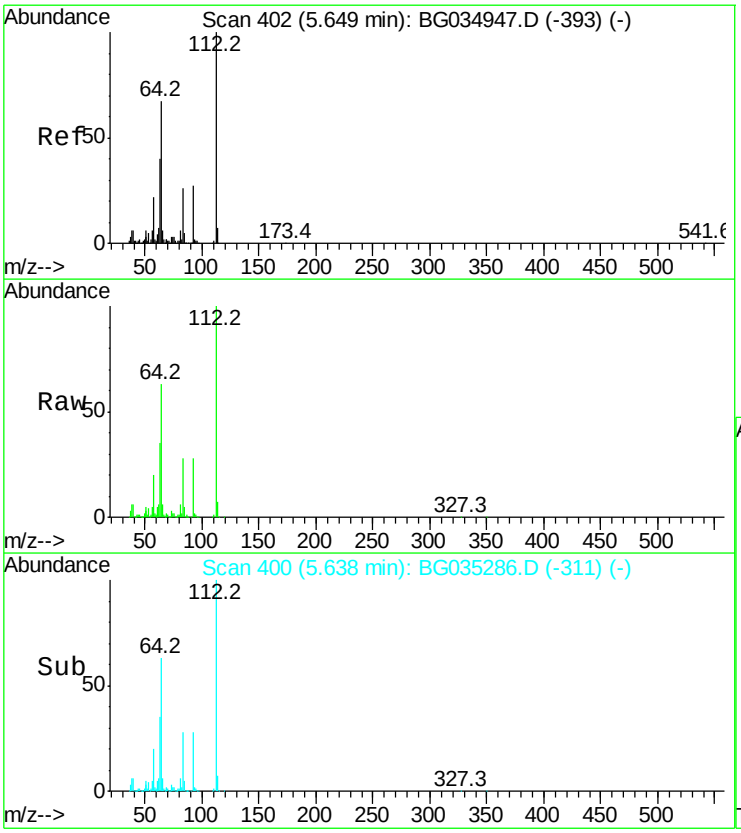
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 60484

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	189.8
115	61.6	53.0	79.4

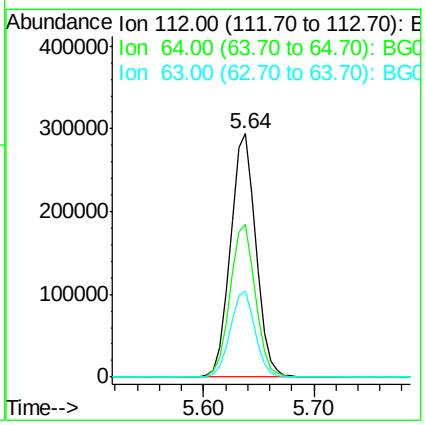


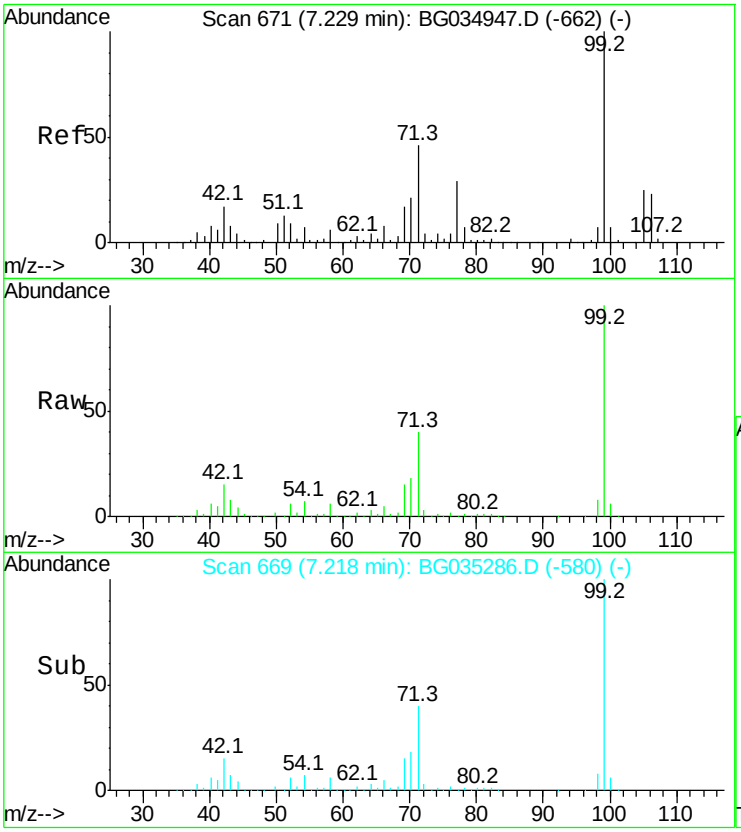


#5
2-Fluorophenol
Concen: 132.573 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Tgt Ion:112 Resp: 475142

Ion	Ratio	Lower	Upper
112	100		
64	62.8	56.3	84.5
63	35.3	30.1	45.1



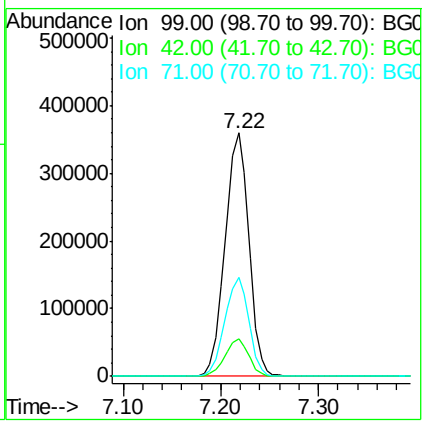


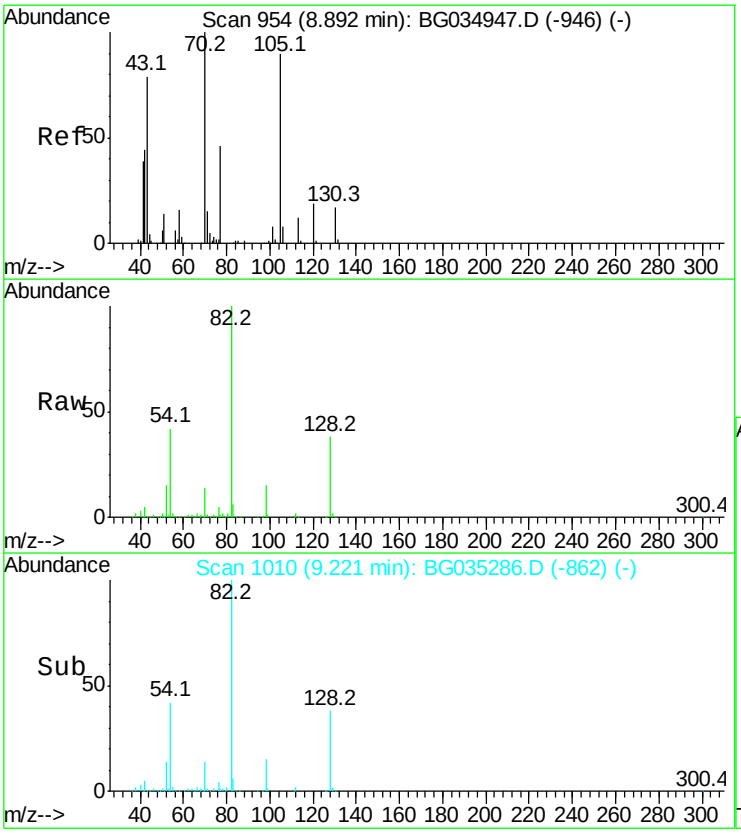
#7
Phenol-d6
Concen: 115.376 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 610315

Ion	Ratio	Lower	Upper
99	100		
42	15.2	14.1	21.1
71	40.5	26.1	39.1#

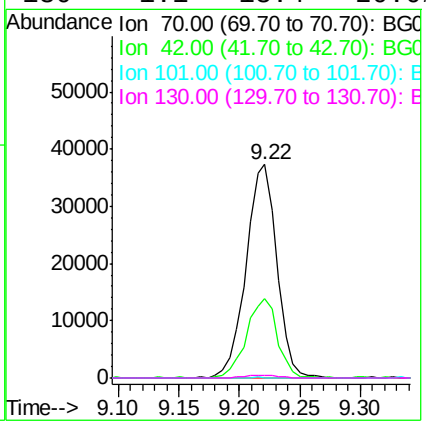


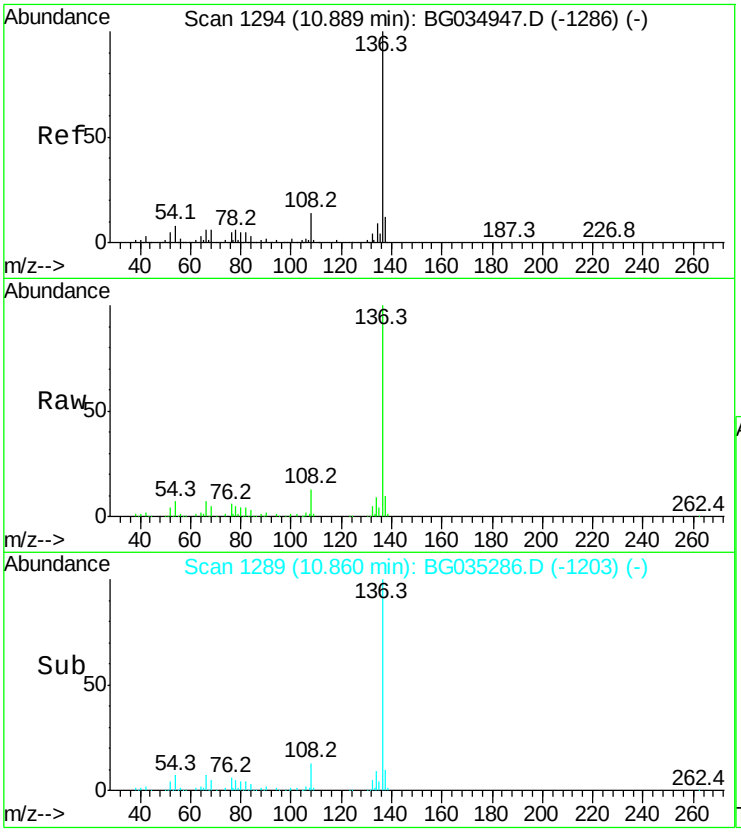


#19
n-Nitroso-di-n-propylamine
Concen: 14.770 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Tgt Ion: 70 Resp: 66377

Ion	Ratio	Lower	Upper
70	100		
42	36.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.1	13.4	20.0#



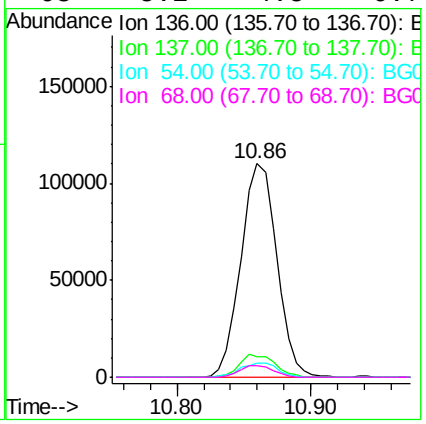


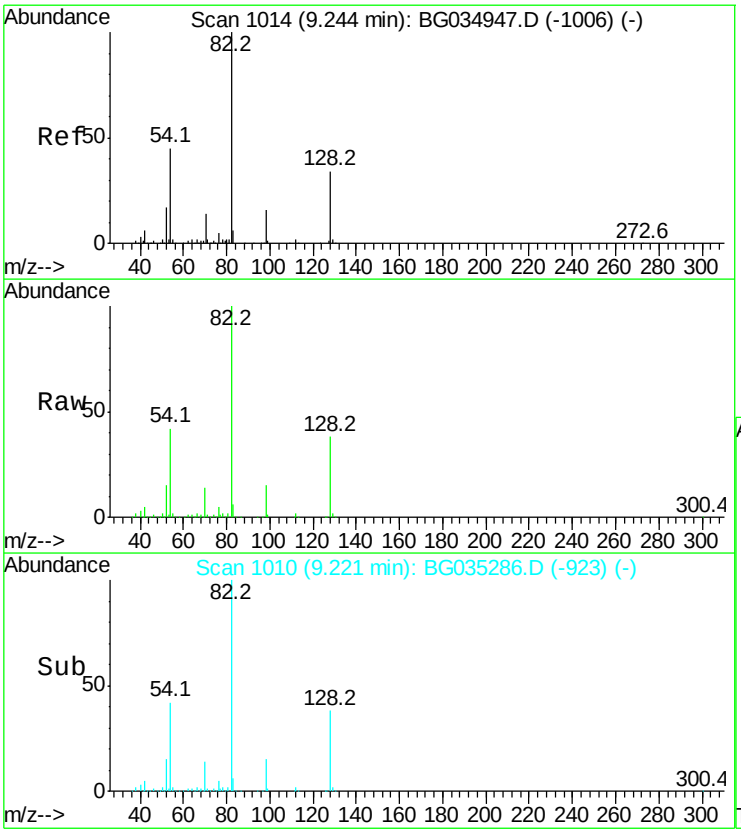
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 205009

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	6.9	10.3	15.5#
68	5.2	4.5	6.7

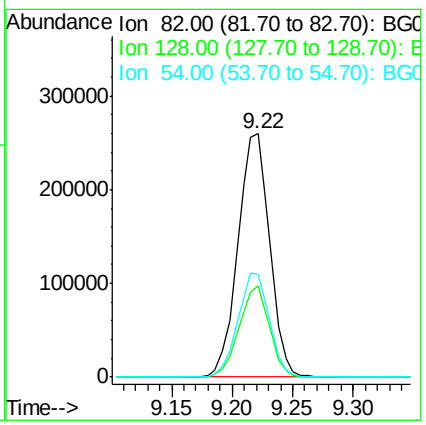


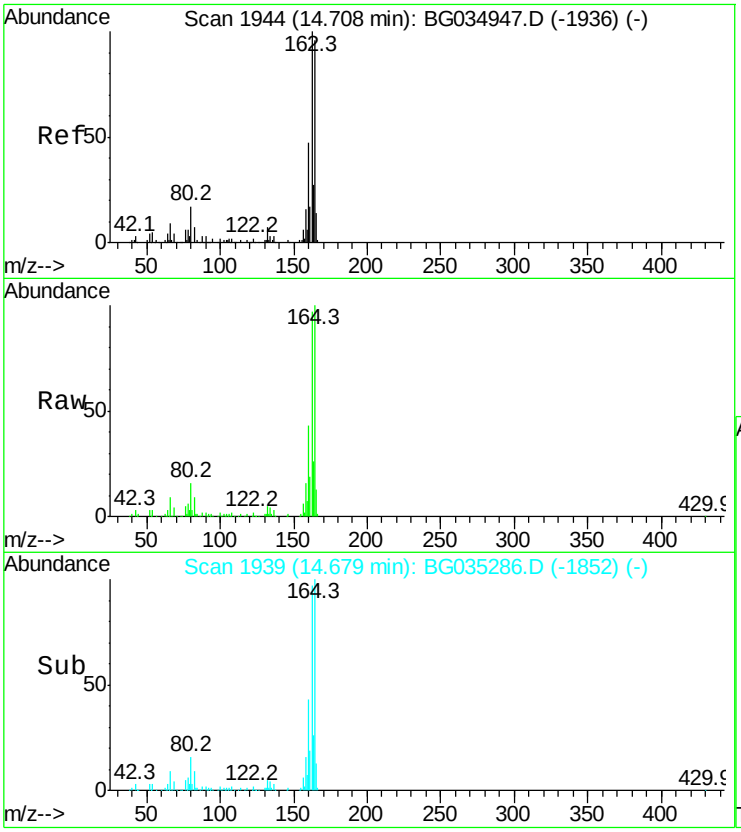


#23
Nitrobenzene-d5
Concen: 110.521 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.02 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Tgt Ion: 82 Resp: 476663

Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.7	44.5
54	42.1	43.1	64.7#



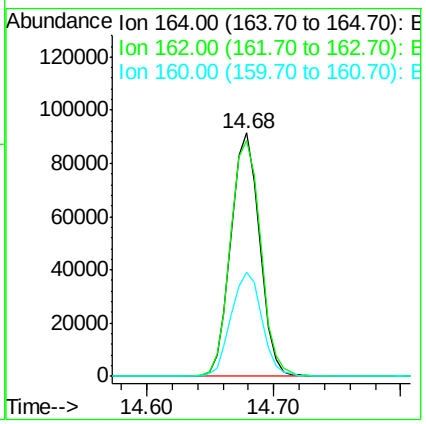


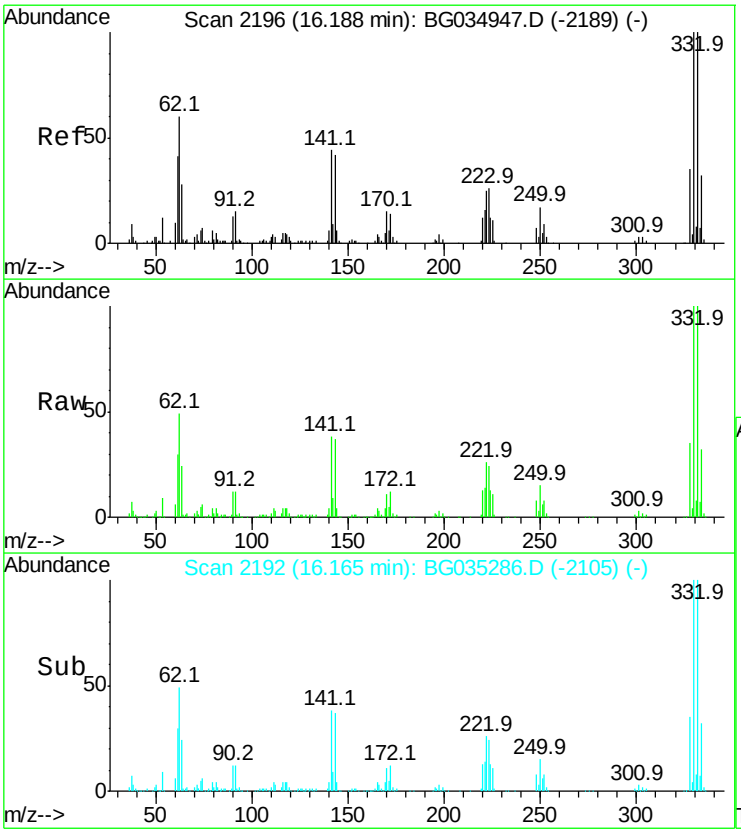
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 143162

Ion	Ratio	Lower	Upper
164	100		
162	96.7	78.8	118.2
160	42.7	35.4	53.0

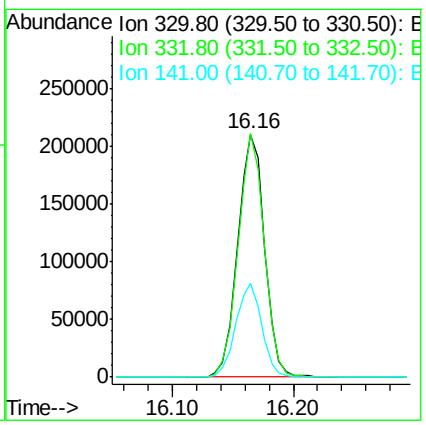


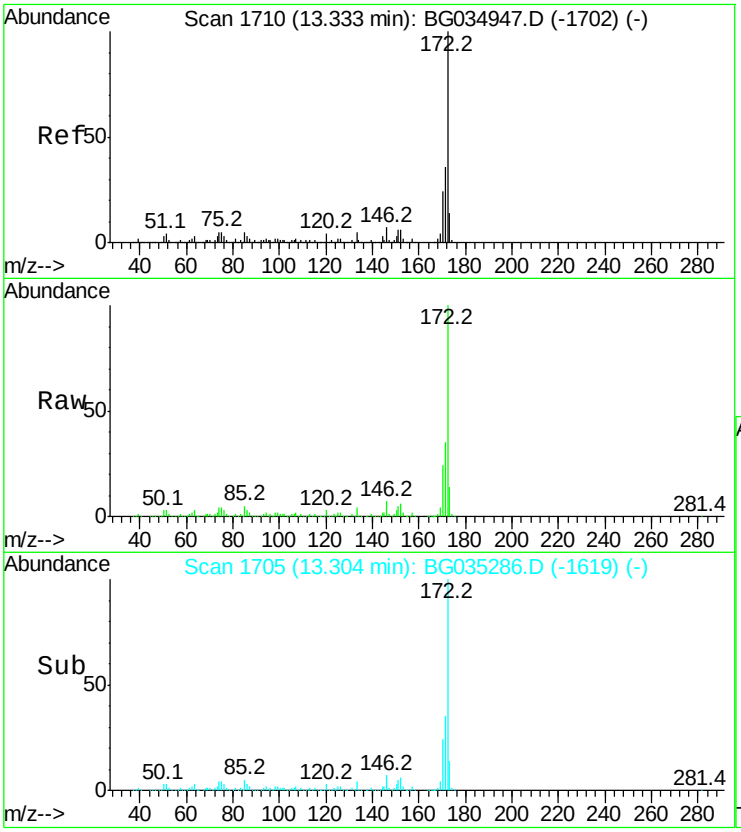


#41
2,4,6-Tribromophenol
Concen: 177.144 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.02 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Tgt Ion:330 Resp: 324643

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	37.6	25.2	37.8



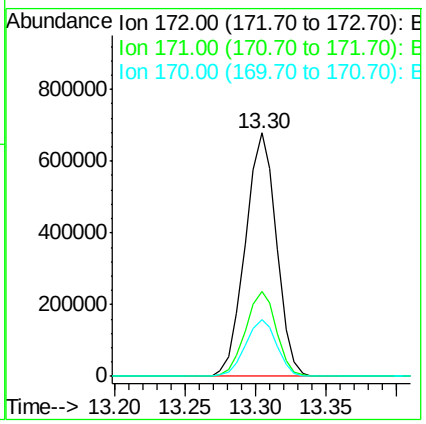


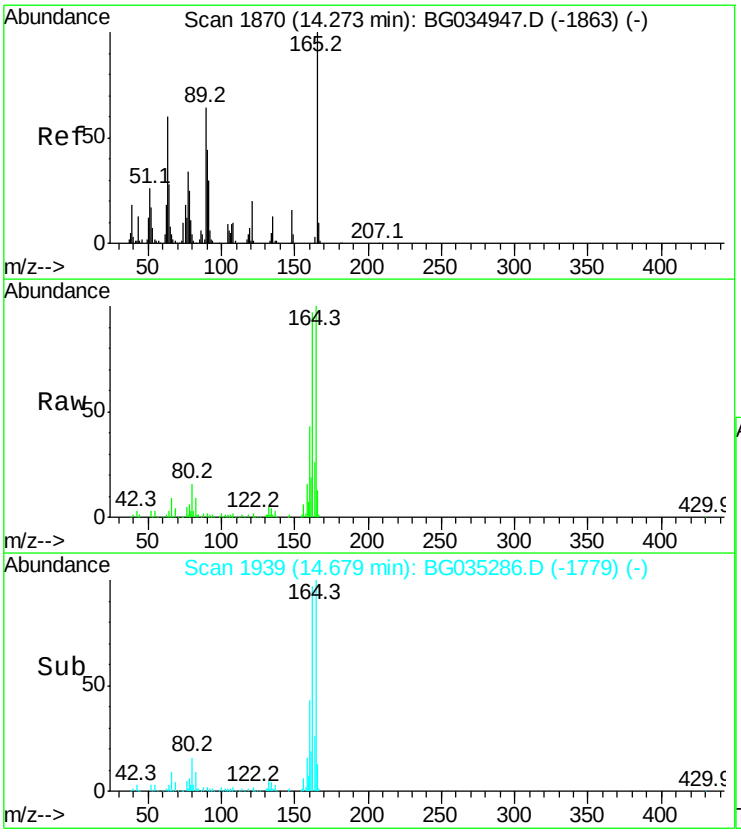
#44
2-Fluorobiphenyl
Concen: 95.741 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1054352

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.5	19.5	29.3

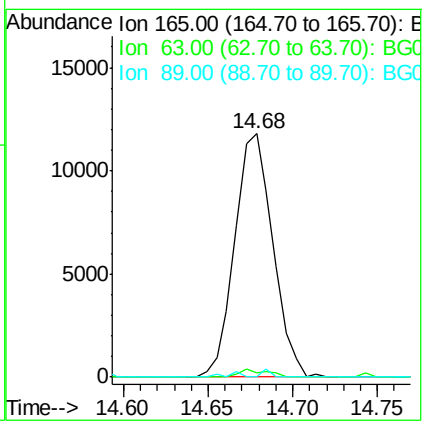


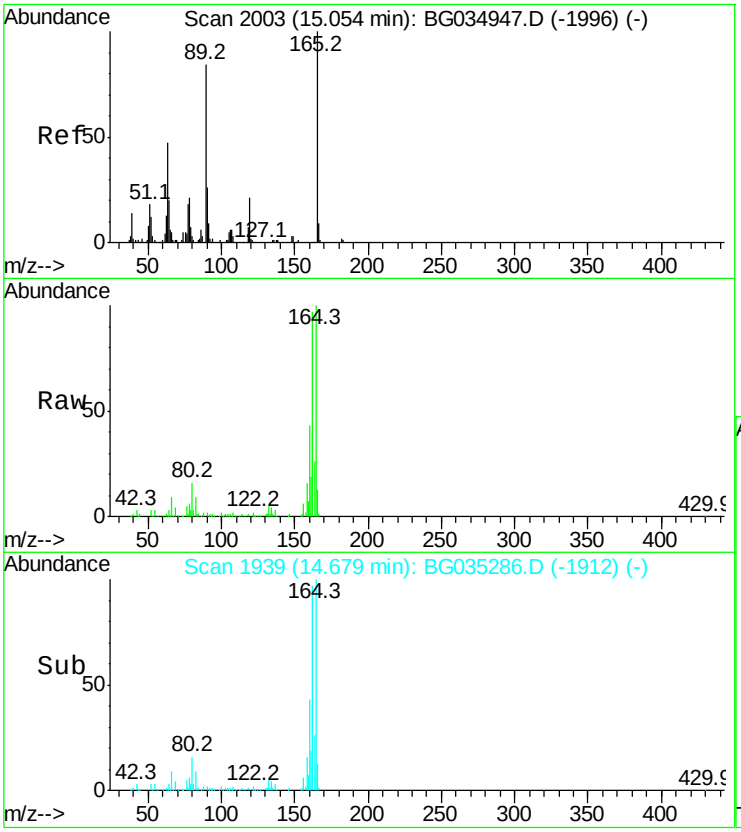


#50
2,6-Dinitrotoluene
Concen: 8.129 ng
RT: 14.68 min Scan# 1939
Delta R.T. 0.41 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Tgt Ion:165 Resp: 18513

Ion	Ratio	Lower	Upper
165	100		
63	1.8	52.7	79.1#
89	0.0	49.2	73.8#



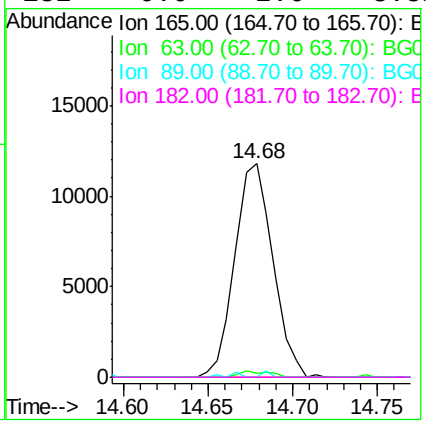


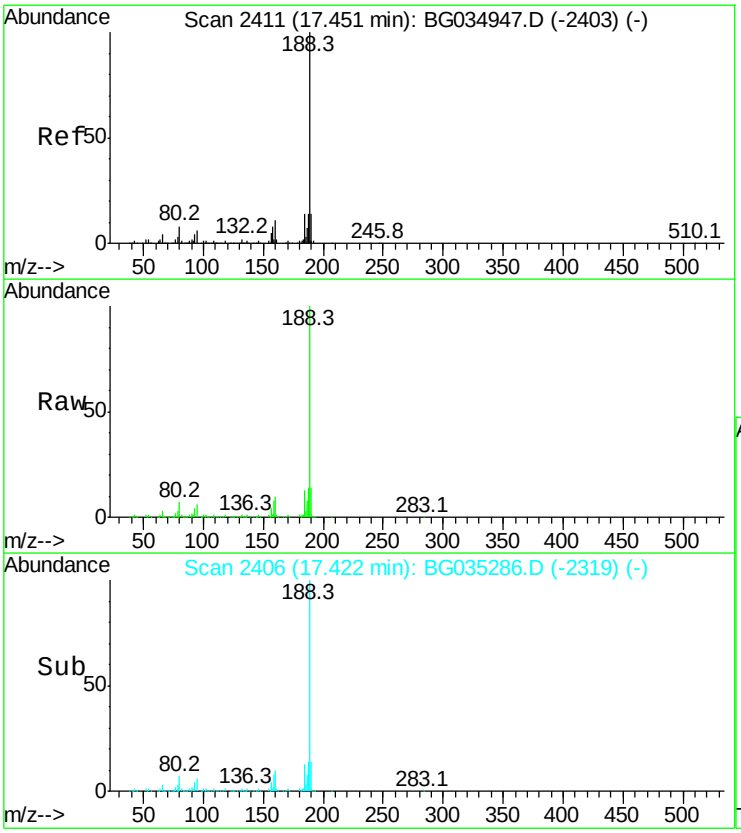
#56
2,4-Dinitrotoluene
Concen: 6.119 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.37 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18513

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

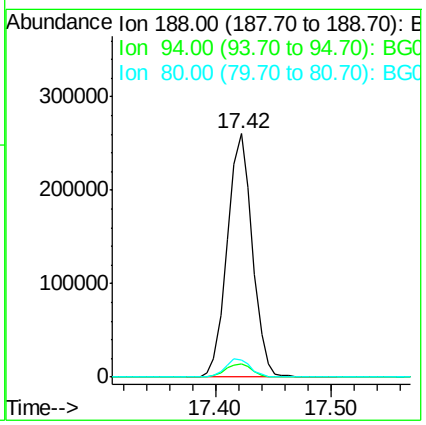


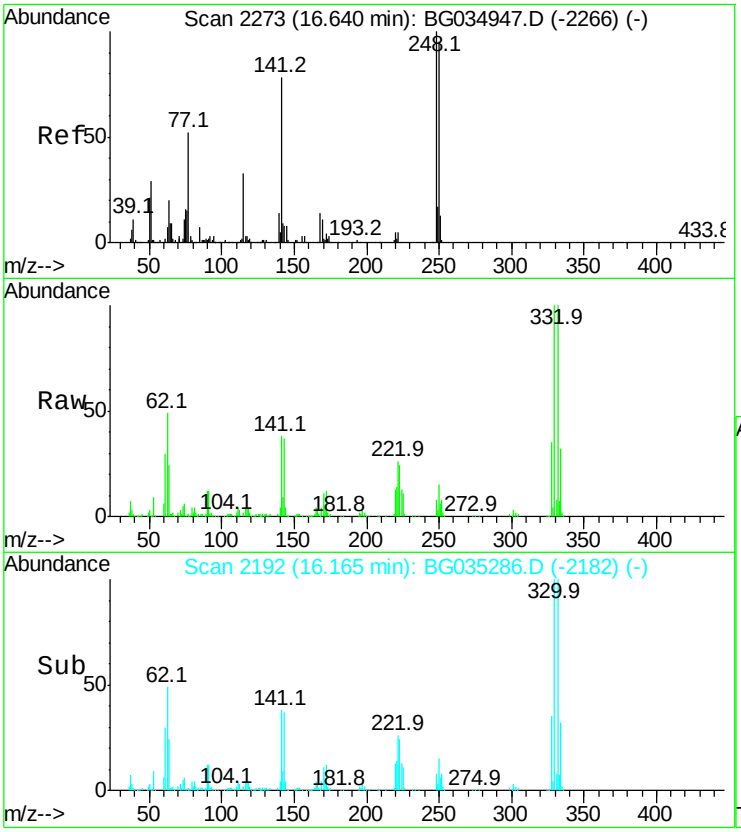


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Tgt Ion:188 Resp: 391280

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.9	10.3#
80	6.9	7.7	11.5#



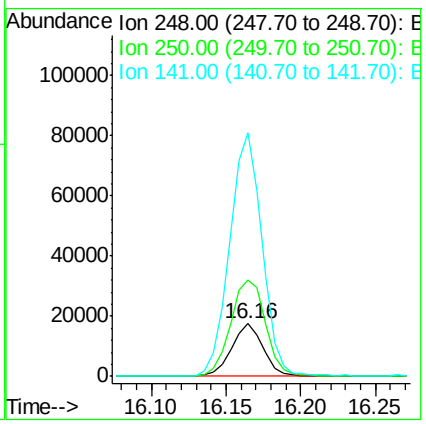


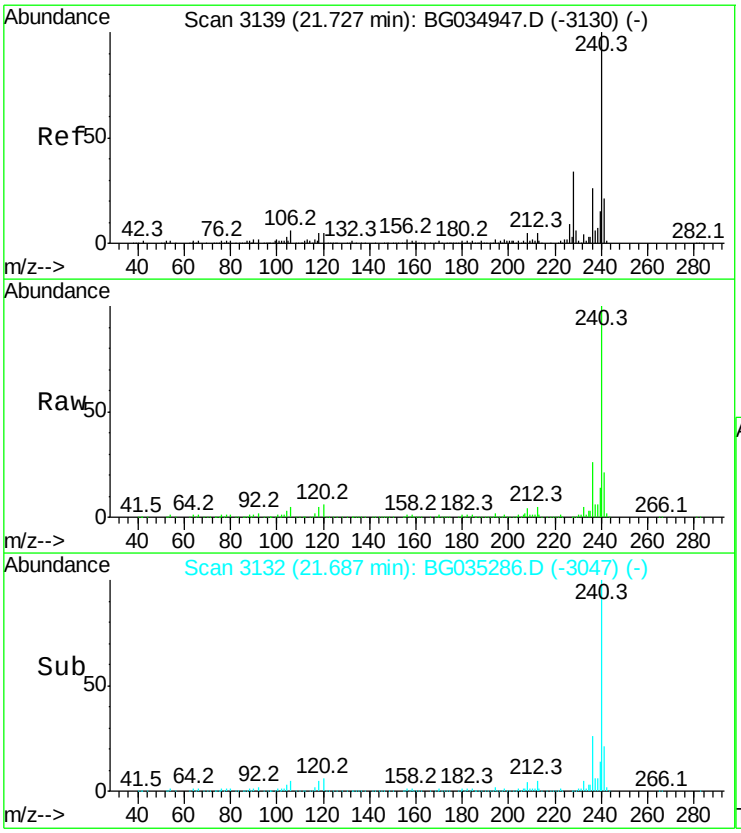
#66
4-Bromophenyl-phenylether
Concen: 5.418 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 25531

Ion	Ratio	Lower	Upper
248	100		
250	185.2	77.1	115.7#
141	465.2	50.8	76.2#

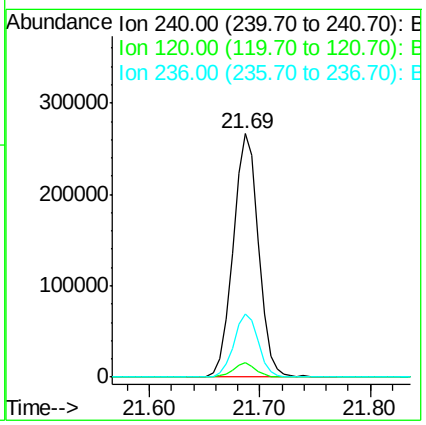


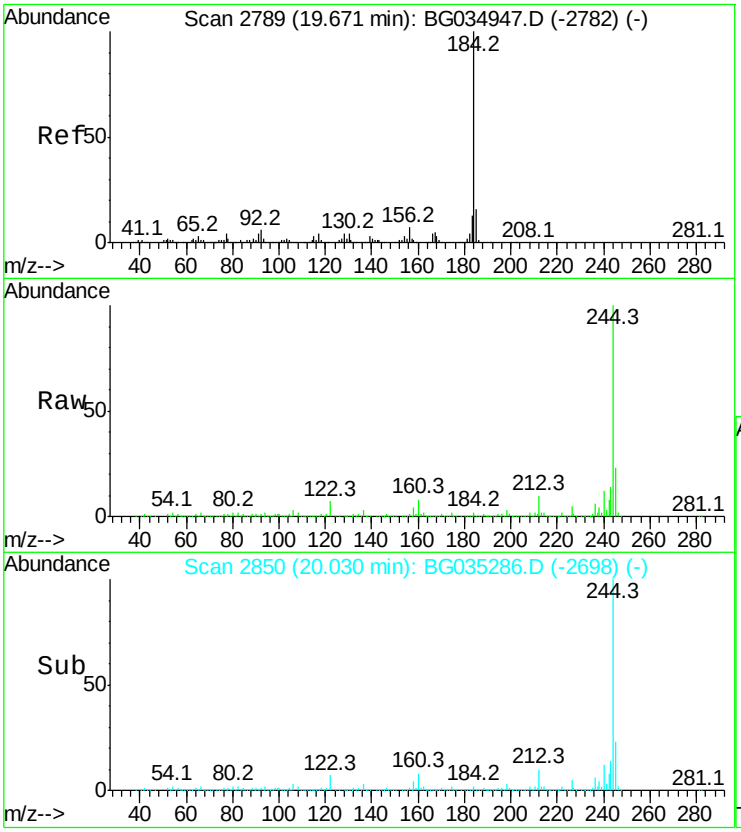


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Tgt Ion:240 Resp: 430402

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	26.2	20.9	31.3



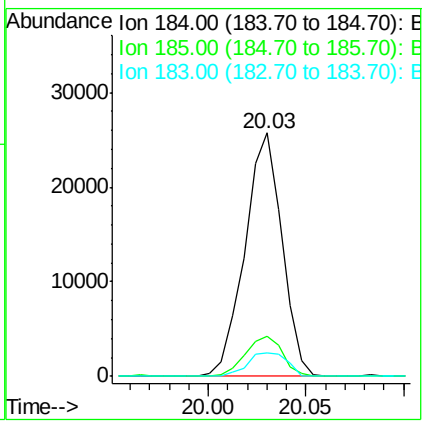


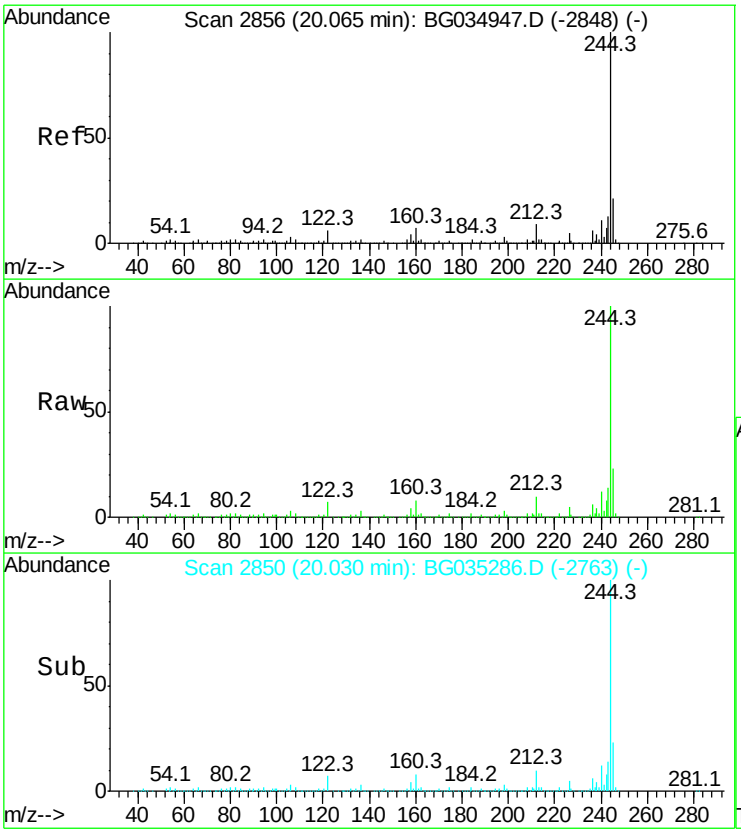
#76
Benzidine
Concen: 2.112 ng
RT: 20.03 min Scan# 2850
Delta R.T. 0.36 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 33818

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.1	16.7
183	9.7	10.6	16.0#

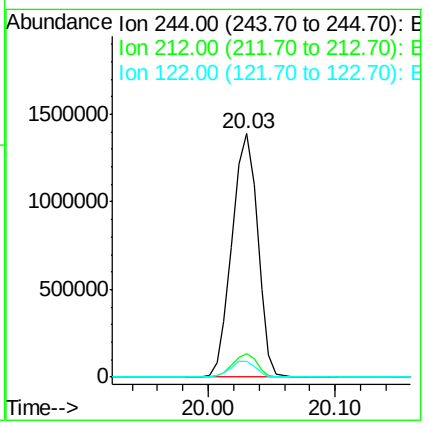


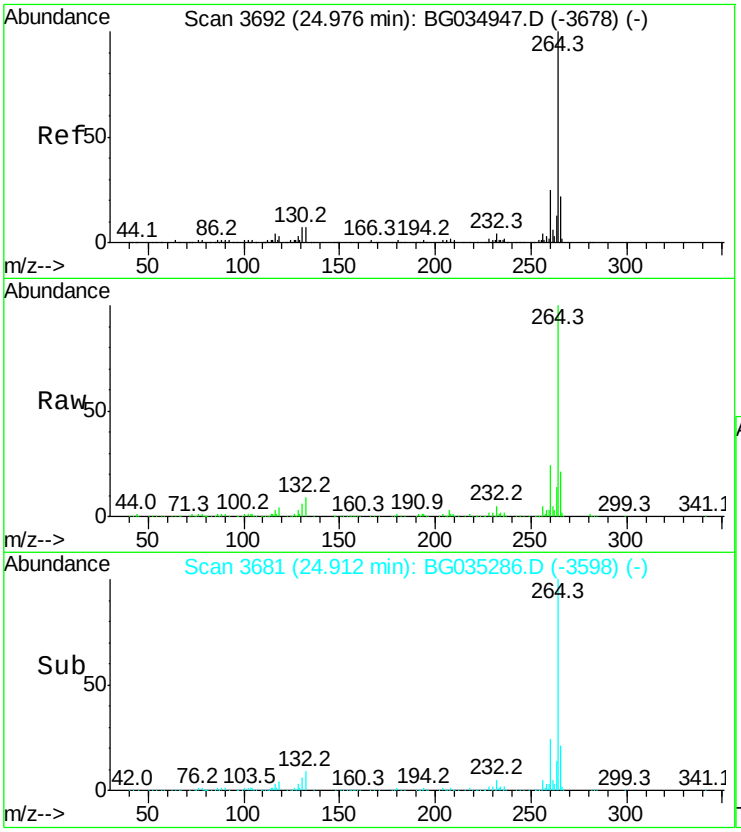


#78
Terphenyl-d14
Concen: 94.783 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Tgt Ion:244 Resp: 1947556

Ion	Ratio	Lower	Upper
244	100		
212	9.7	5.8	8.8#
122	6.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035286.D
Acq: 21 Jun 2018 5:17

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 411661

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.4	26.0
265	21.1	17.7	26.5