Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063018\
Data File : BG035545.D
Acq On : 30 Jun 2018 16:47
Operator : JU/SJ
Sample : J3758-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jul 02 02:29:08 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	34449	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	131266	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	99953	20.00	ng		-0.01
63) Phenanthrene-d10	17.42	188	268059	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	294991	20.00	ng		-0.02
86) Perylene-d12	24.92	264	277157	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	90943	44.55	ng		0.00
7) Phenol-d6	7.22	99	81669	27.11	ng		0.00
23) Nitrobenzene-d5	9.23	82	307288	111.28	ng		-0.01
41) 2,4,6-Tribromophenol	16.17	330	136425	106.62	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	730574	95.02	ng		-0.02
78) Terphenyl-d14	20.03	244	1212921	86.13	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	40537	15.837	ng	#	65
49) Dimethylphthalate	14.13	163	44933	5.155	ng		99
56) 2,4-Dinitrotoluene	14.68	165	13299	6.296	ng	#	18
66) 4-Bromophenyl-phenylether	16.17	248	11242	3.483	ng	#	1

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

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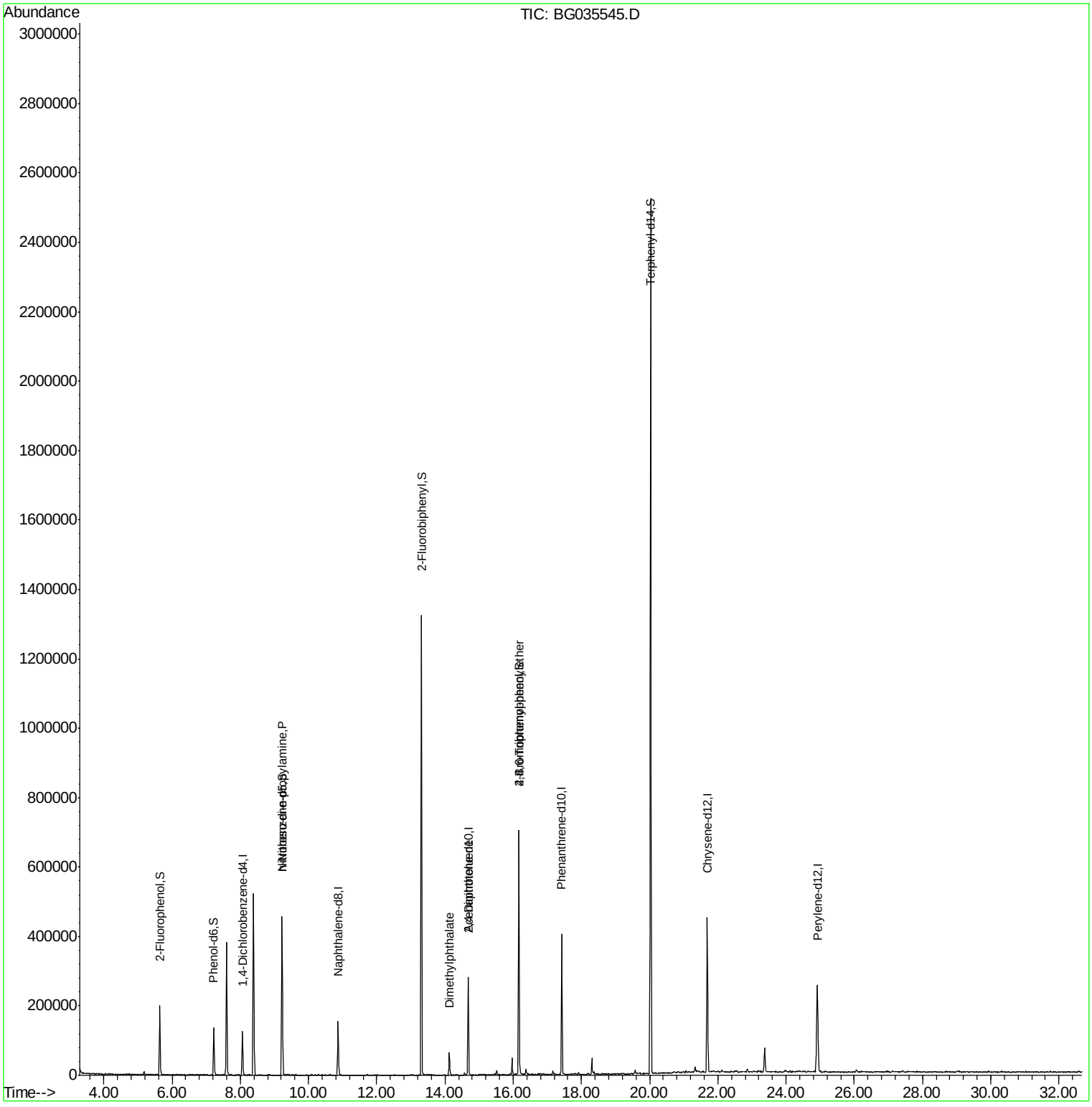
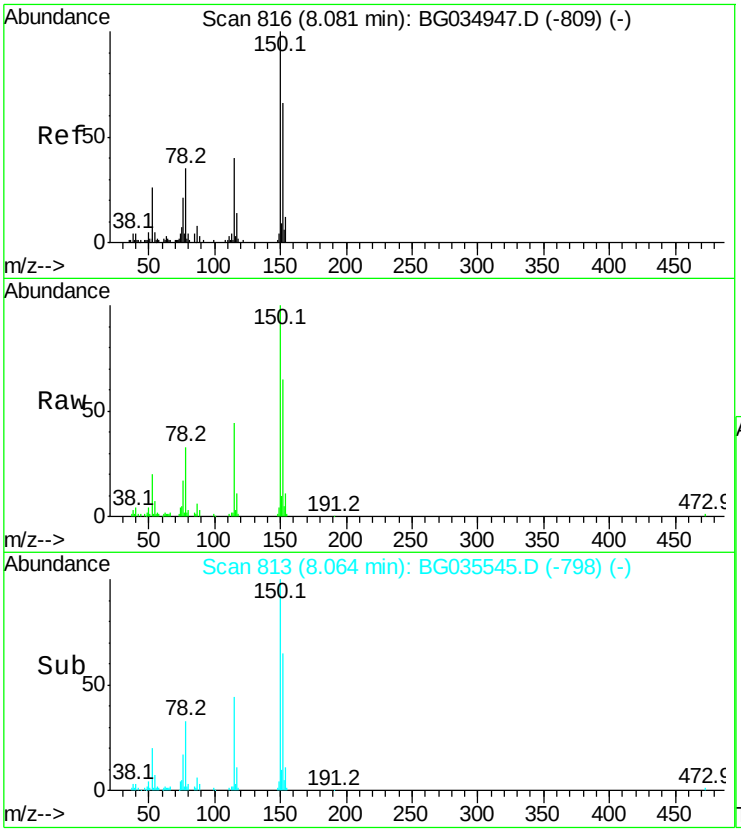


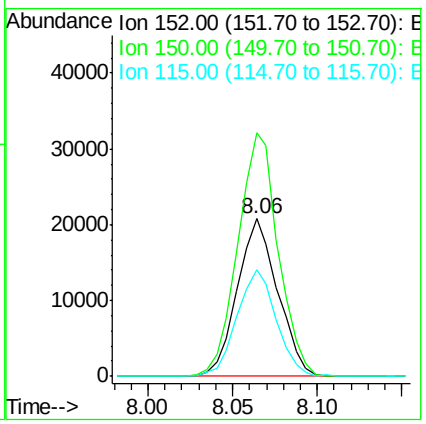


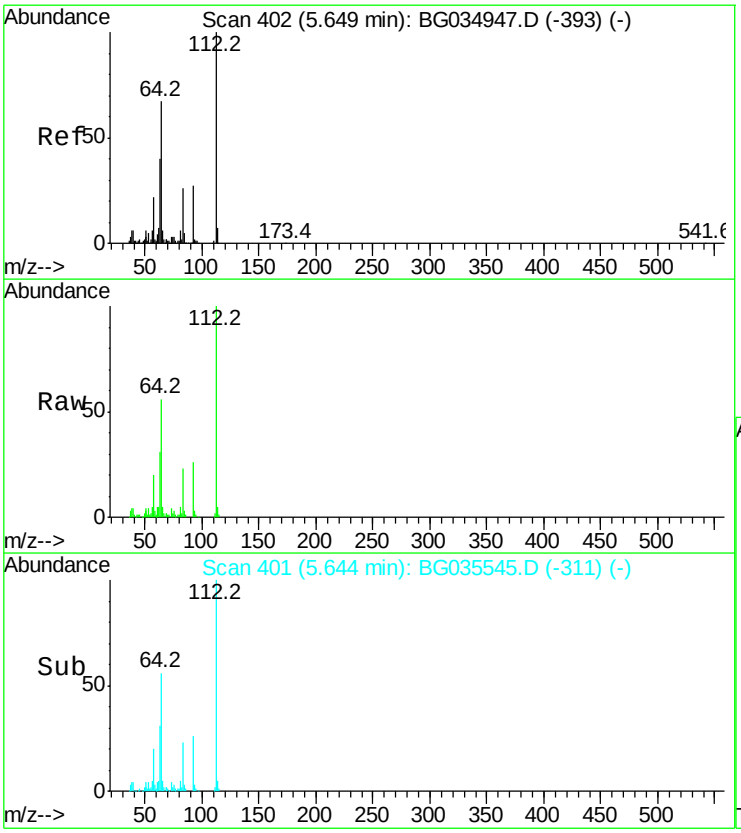
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 34449

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.6	189.8
115	68.0	53.0	79.4

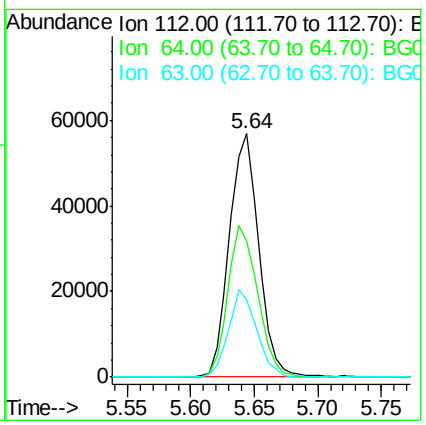


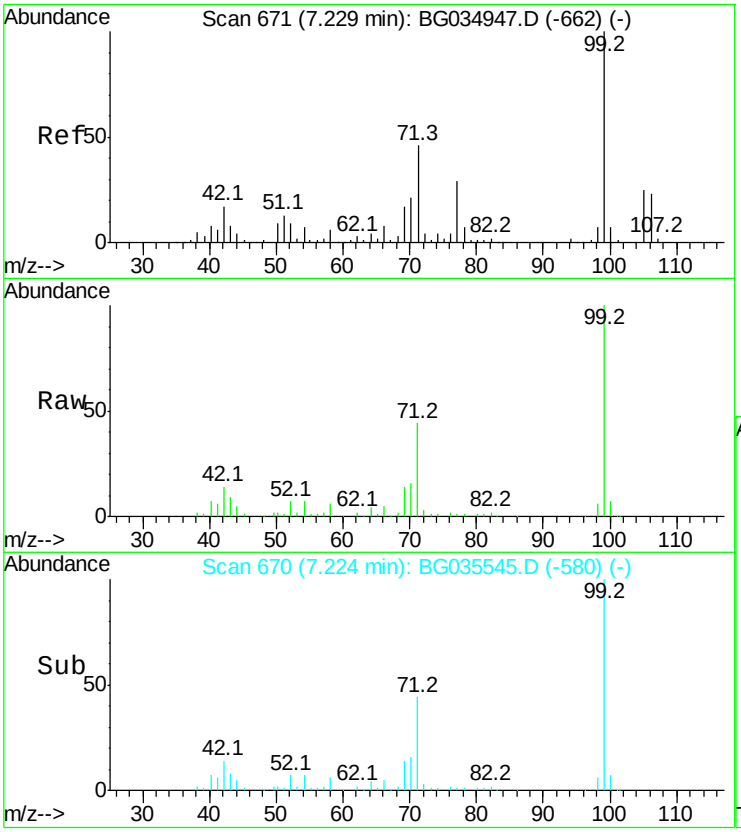


#5
2-Fluorophenol
Concen: 44.552 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Tgt Ion:112 Resp: 90943

Ion	Ratio	Lower	Upper
112	100		
64	55.6	56.3	84.5#
63	31.5	30.1	45.1



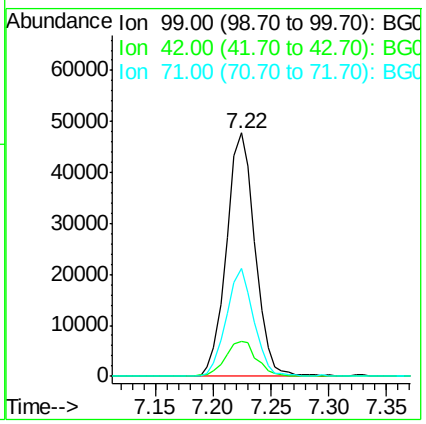


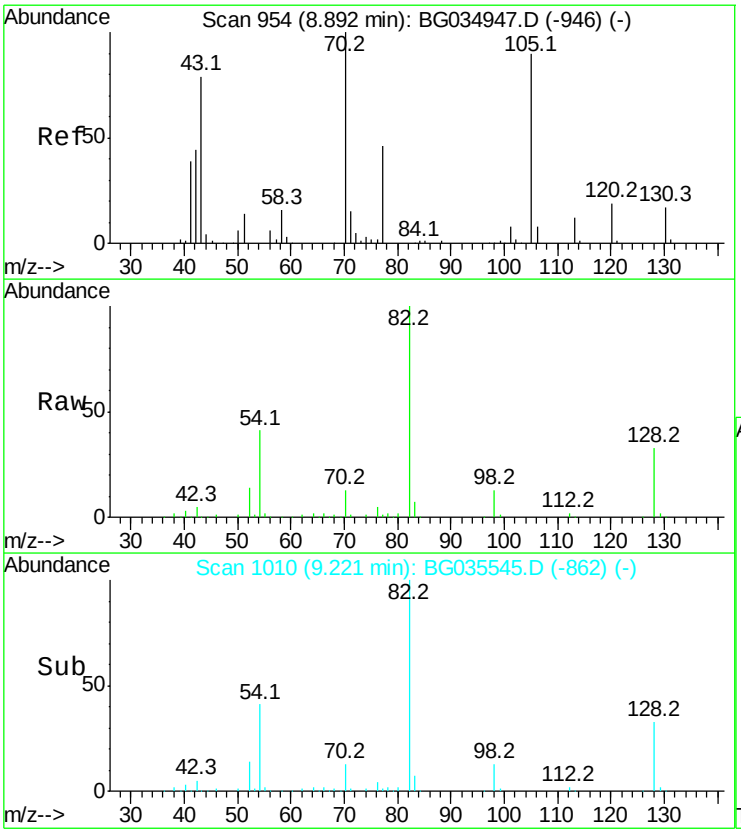
#7
Phenol-d6
Concen: 27.107 ng
RT: 7.22 min Scan# 670
Delta R.T. -0.00 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 81669

Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.1	21.1
71	44.2	26.1	39.1#

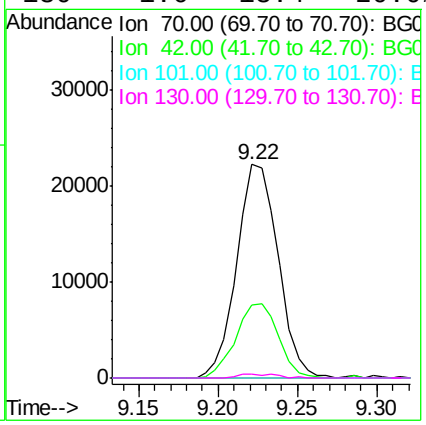


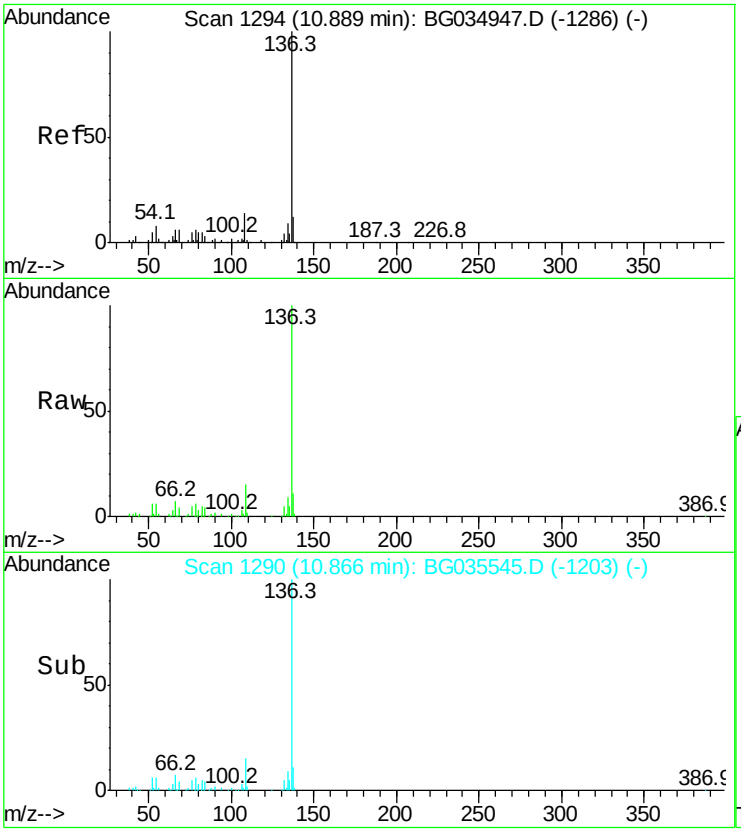


#19
n-Nitroso-di-n-propylamine
Concen: 15.837 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Tgt Ion: 70 Resp: 40537

Ion	Ratio	Lower	Upper
70	100		
42	34.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#



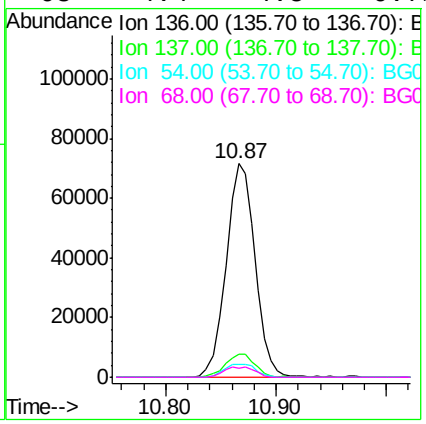


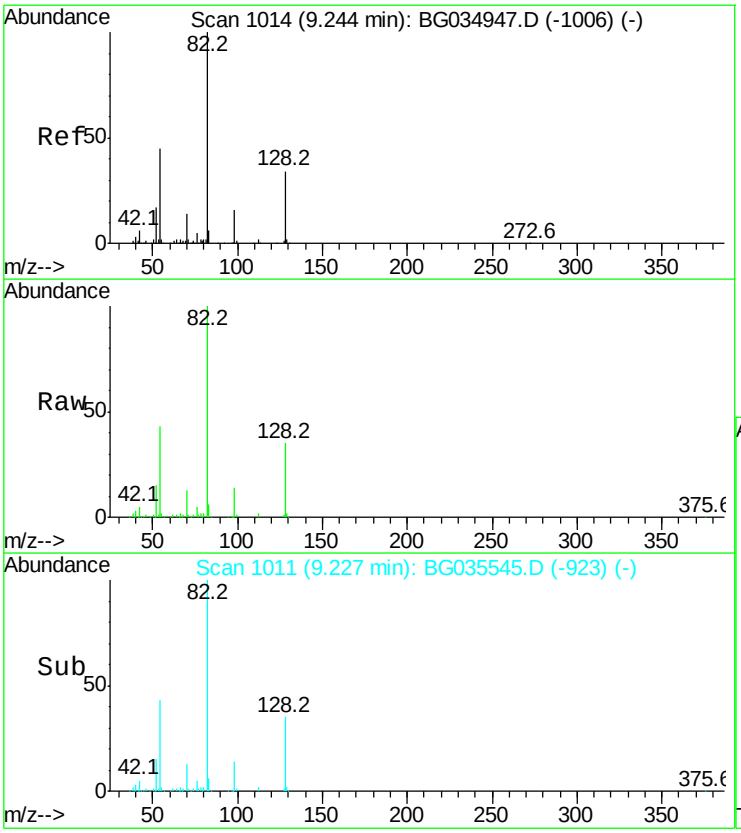
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 131266

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.2	10.3	15.5#
68	4.4	4.5	6.7#

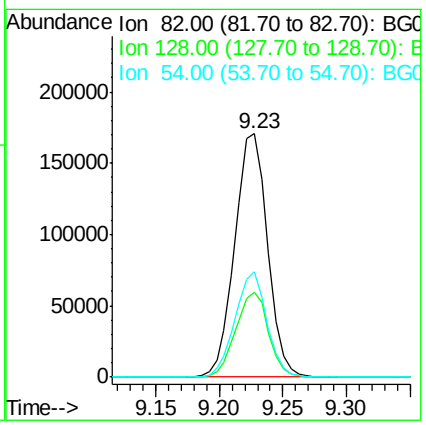


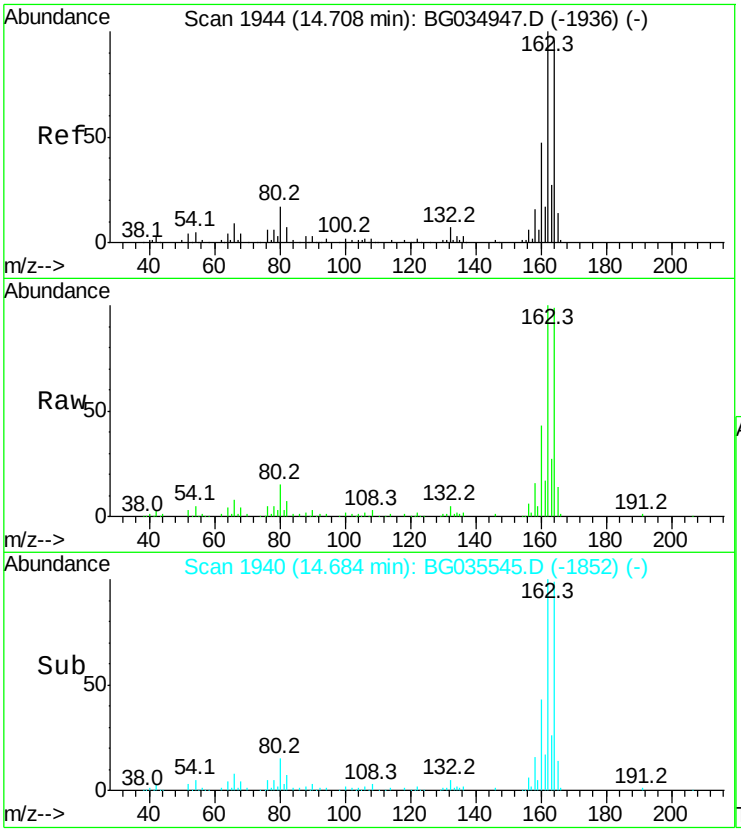


#23
Nitrobenzene-d5
Concen: 111.276 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Tgt Ion: 82 Resp: 307288

Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	43.4	43.1	64.7



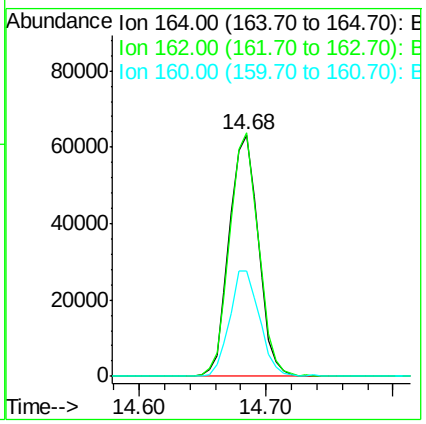


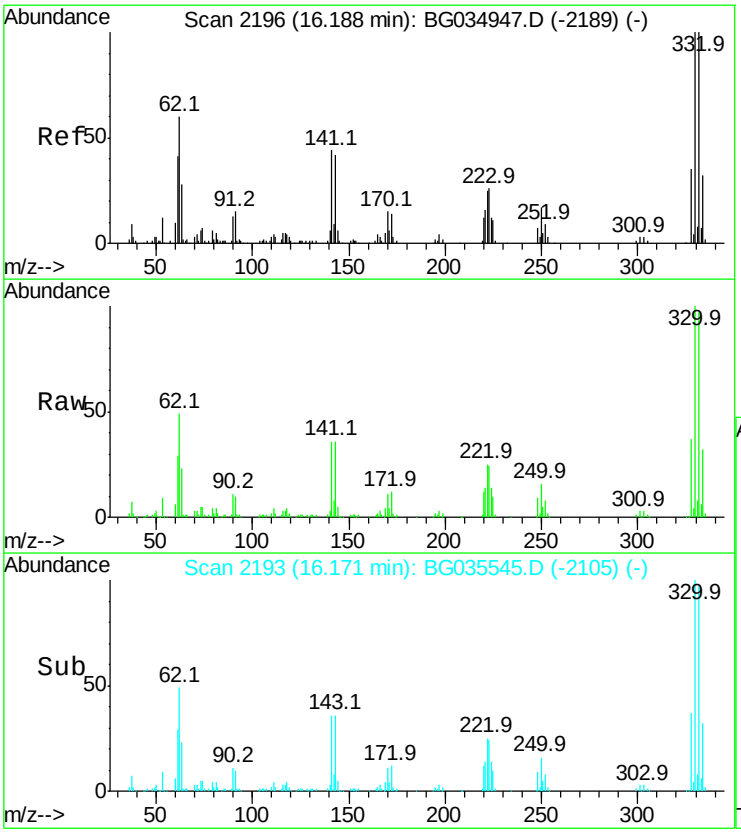
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 99953

Ion	Ratio	Lower	Upper
164	100		
162	100.8	78.8	118.2
160	43.8	35.4	53.0

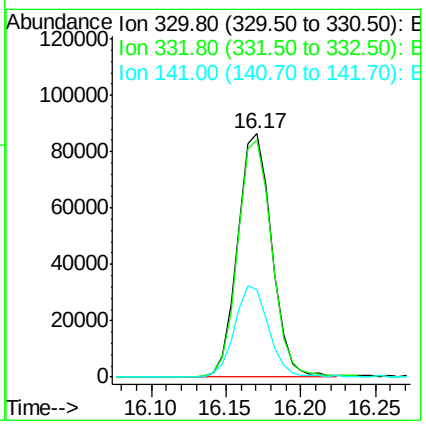


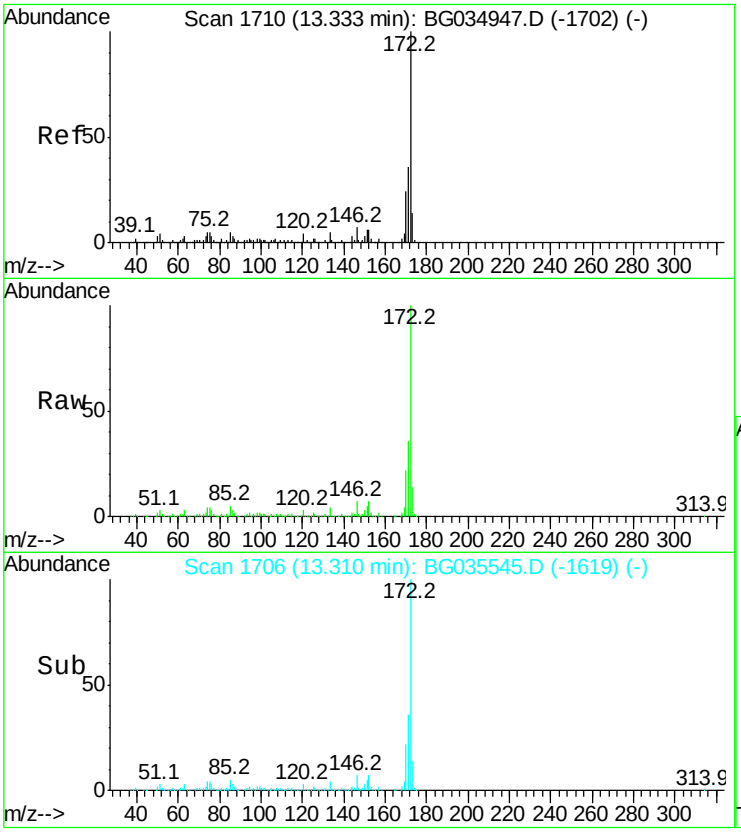


#41
2,4,6-Tribromophenol
Concen: 106.622 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Tgt Ion:330 Resp: 136425

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	37.5	25.2	37.8



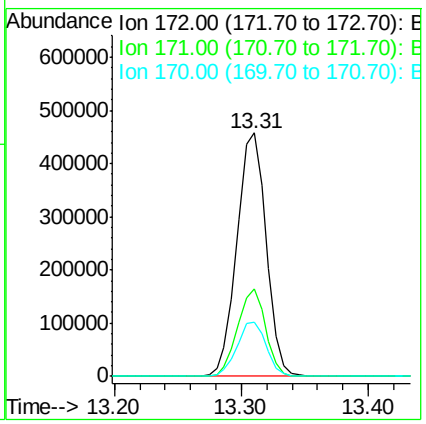


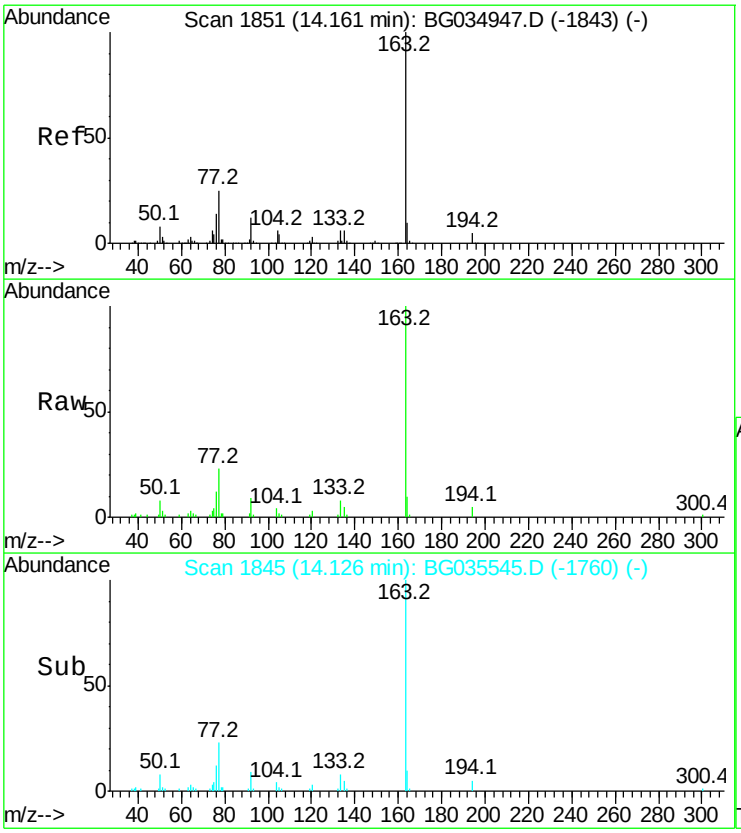
#44
2-Fluorobiphenyl
Concen: 95.019 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 730574

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.0	45.0
170	22.4	19.5	29.3

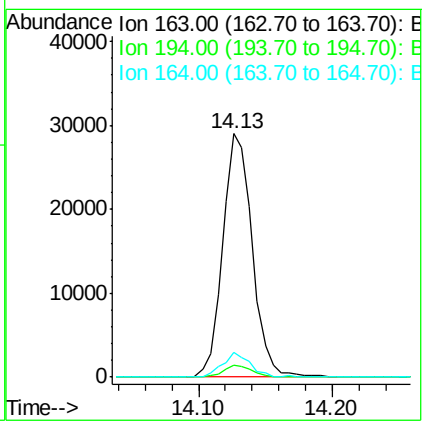


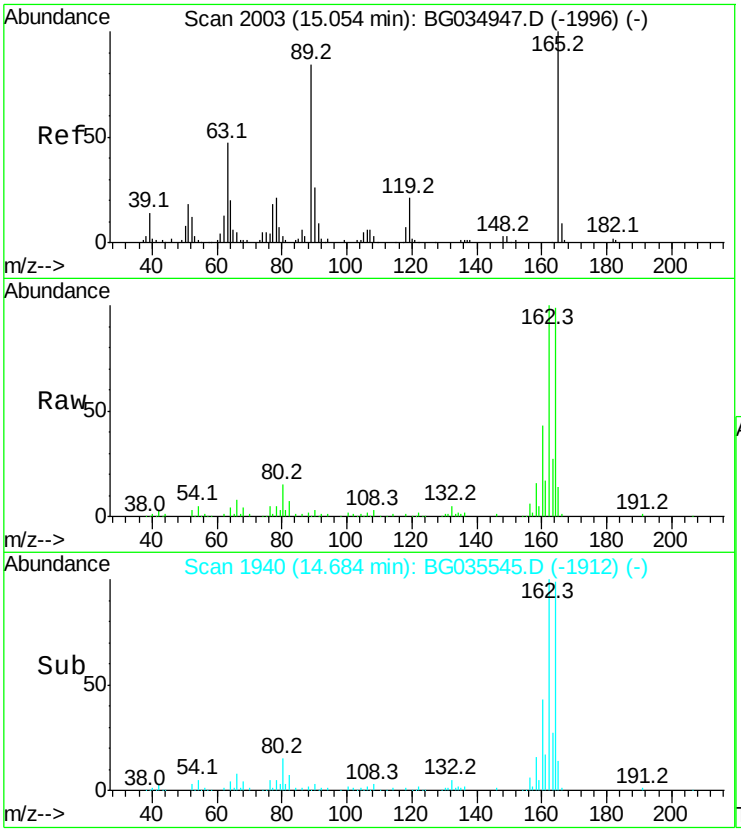


#49
Dimethylphthalate
Concen: 5.155 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.03 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Tgt Ion:163 Resp: 44933

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.1	8.2	12.4



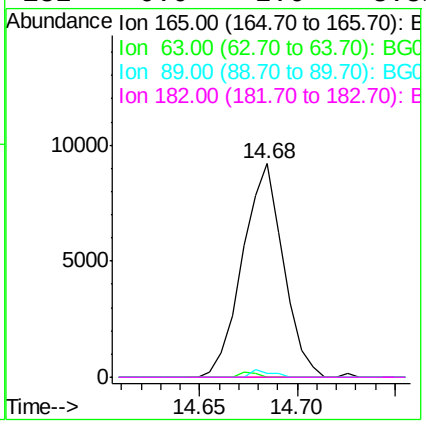


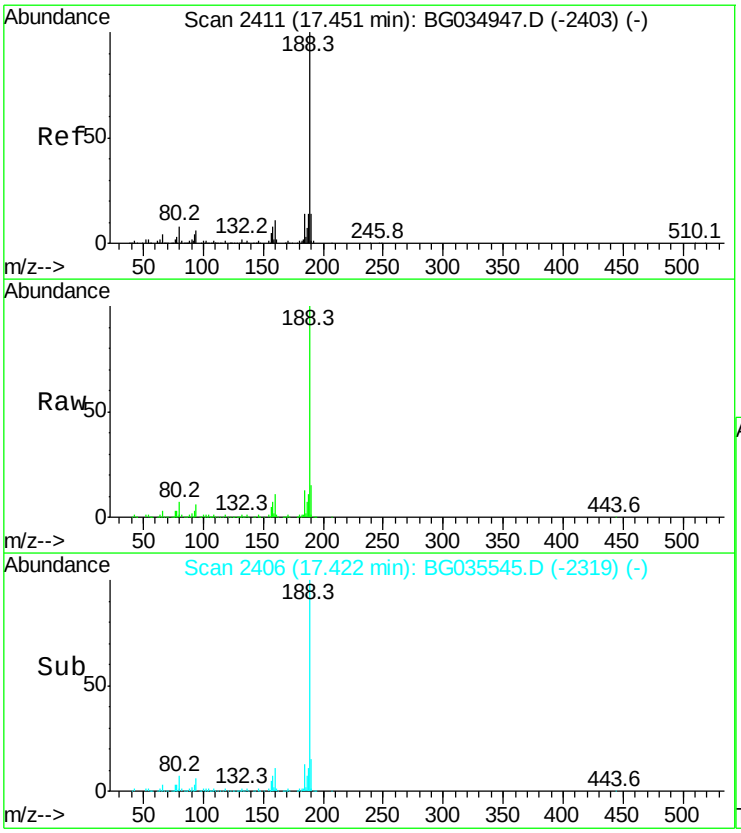
#56
2,4-Dinitrotoluene
Concen: 6.296 ng
RT: 14.68 min Scan# 1940
Delta R.T. -0.36 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 13299

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

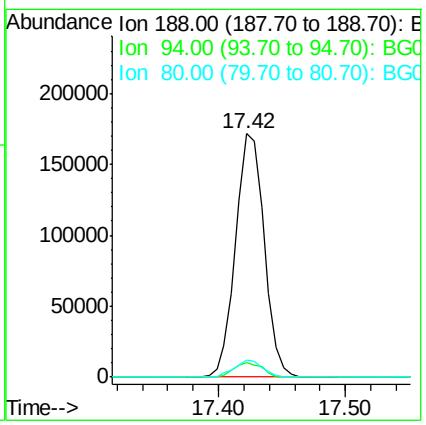


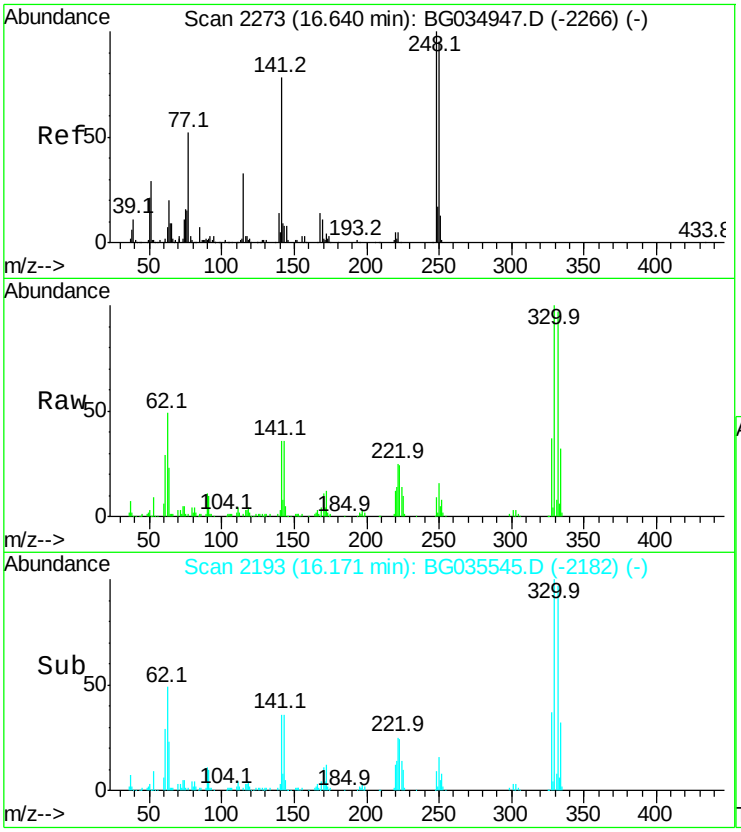


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Tgt Ion:188 Resp: 268059

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



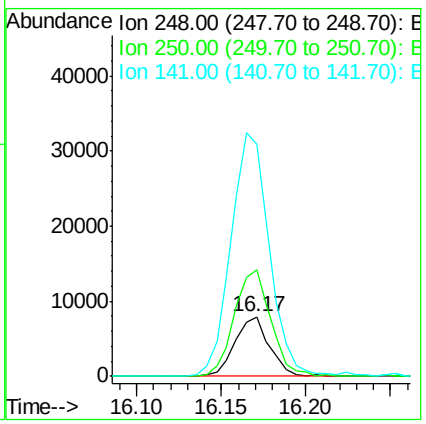


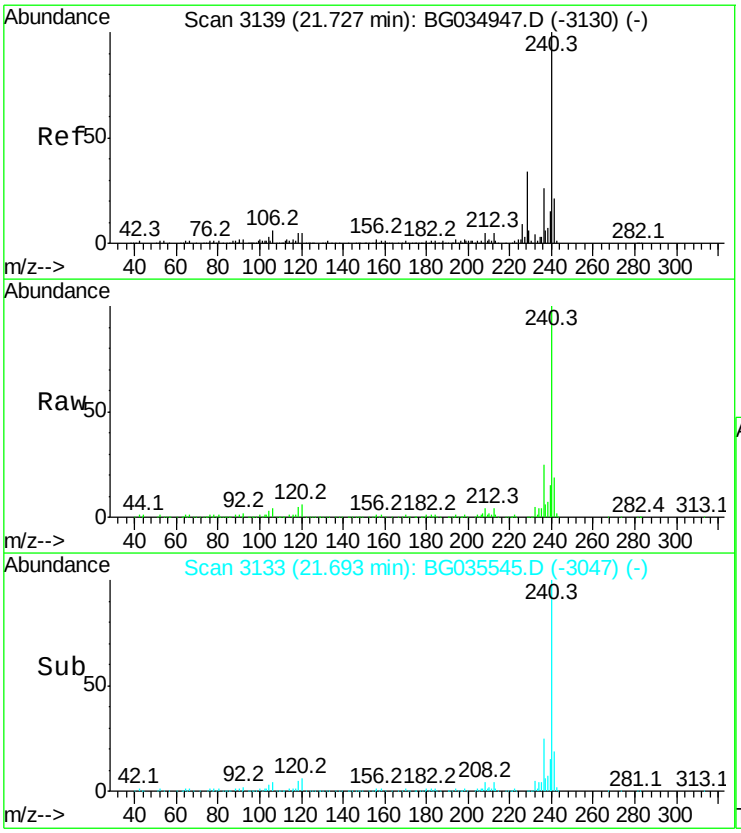
#66
4-Bromophenyl-phenylether
Concen: 3.483 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.46 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 11242

Ion	Ratio	Lower	Upper
248	100		
250	177.8	77.1	115.7#
141	388.5	50.8	76.2#

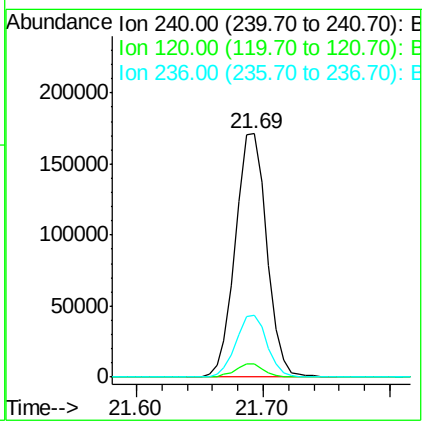


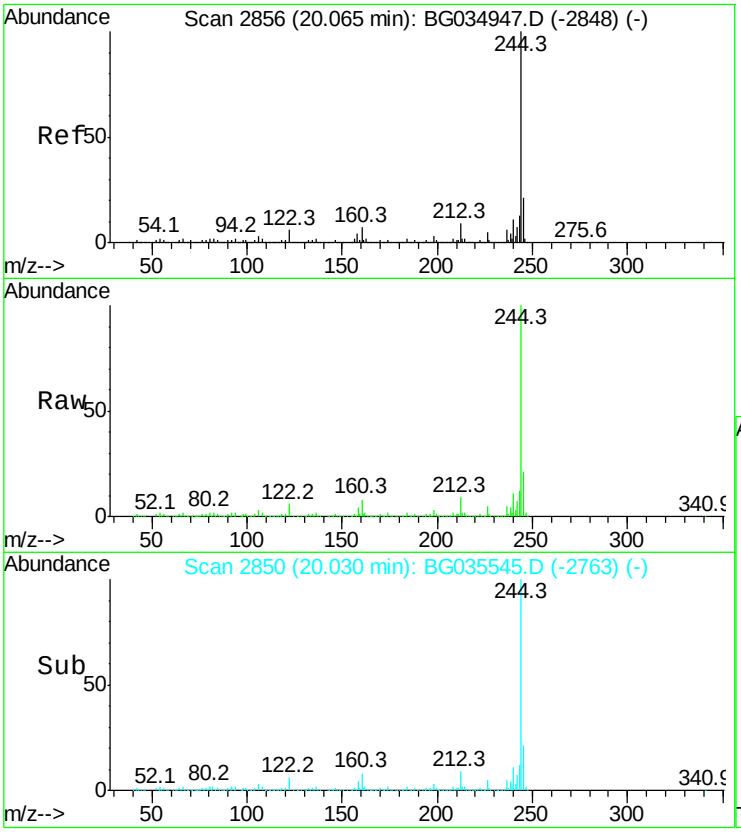


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Tgt Ion:240 Resp: 294991

Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	25.4	20.9	31.3



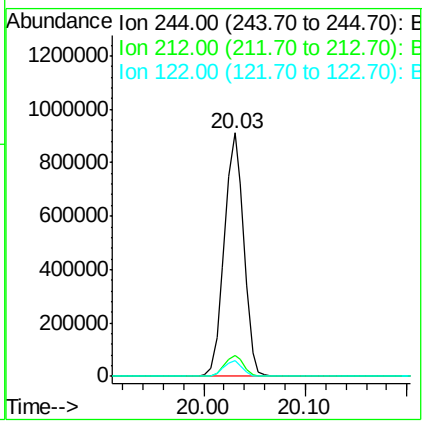


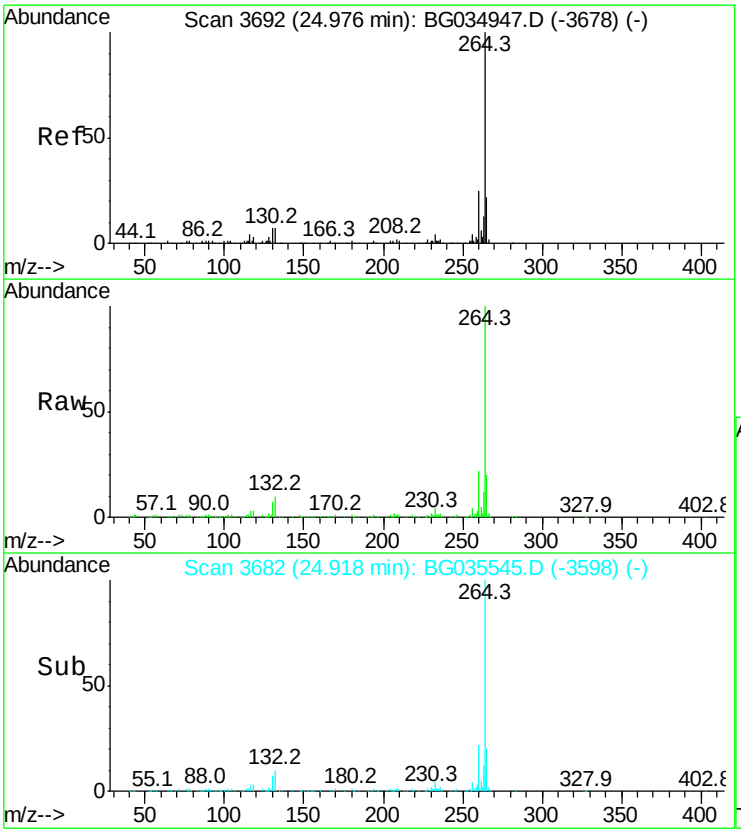
#78
Terphenyl-d14
Concen: 86.127 ng
RT: 20.03 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1212921

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	6.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3682
Delta R.T. -0.04 min
Lab File: BG035545.D
Acq: 30 Jun 2018 16:47

Tgt Ion:264 Resp: 277157

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	20.2	17.7	26.5