Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034042.D
Acq On : 27 Apr 2018 16:59
Operator : SJ/JU
Sample : J2156-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 28 00:30:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.84
21) Naphthalene-d8	10.53	136	225103	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	174460	20.00	ng	-0.09
63) Phenanthrene-d10	17.14	188	503990	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	559245	20.00	ng	-0.10
86) Perylene-d12	24.39	264	542220	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	406371	0.00	ng	-0.08
7) Phenol-d6	6.94	99	428754	0.00	ng	-0.06
23) Nitrobenzene-d5	8.91	82	367920	93.02	ng	-0.08
41) 2,4,6-Tribromophenol	15.89	330	364887	179.27	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	1145987	96.50	ng	-0.09
78) Terphenyl-d14	19.78	244	2488052	99.95	ng	-0.08
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	14.39	165	21860	7.516	ng	# 19
56) 2,4-Dinitrotoluene	14.39	165	21860	5.652	ng	# 17
64) 4,6-Dinitro-2-methylphenol	15.89	198	3517	7.742	ng	# 65
76) Benzidine	19.78	184	36781	2.436	ng	# 92

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

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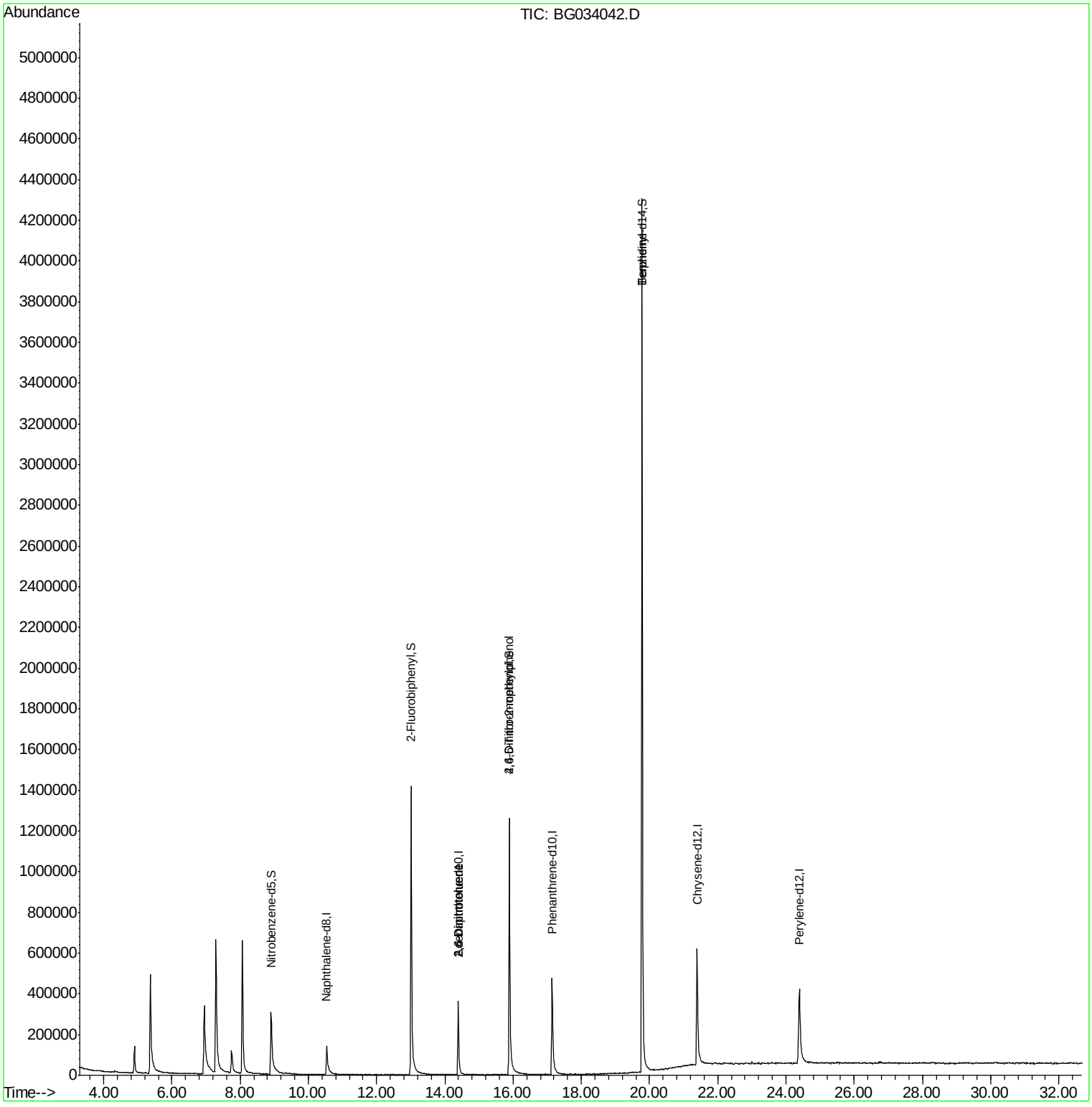
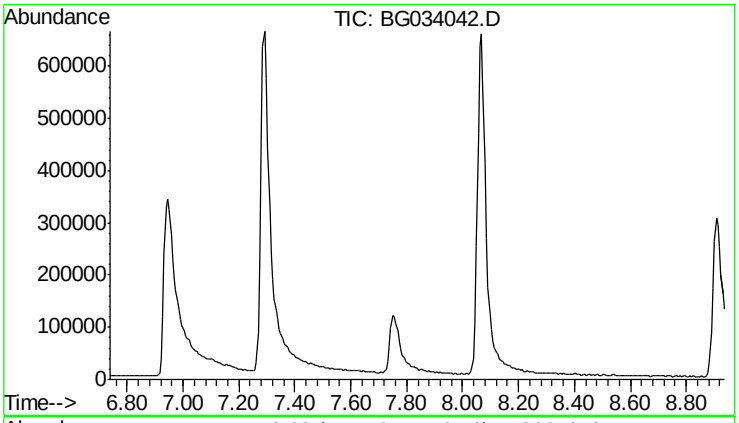
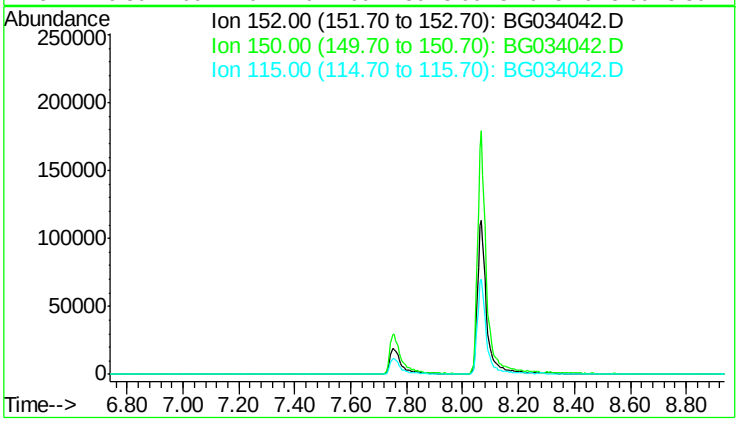






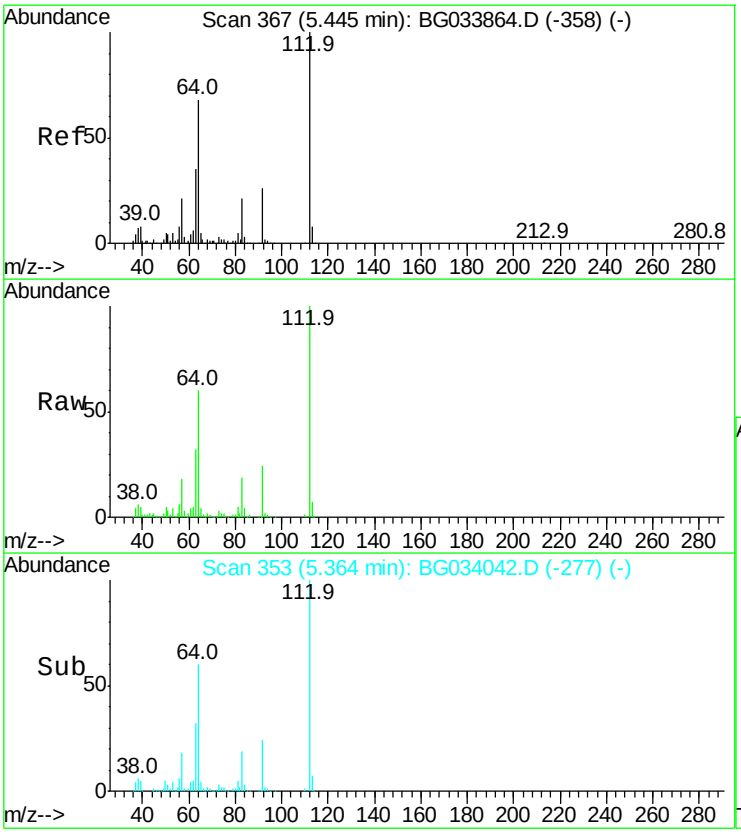
#1
1,4-Dichlorobenzene-d4
Concen: 0.000 ng
Expected RT: 7.84 min

Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Tgt Ion: 152

Sig	Exp Ratio
152	100
150	158.2
115	66.2

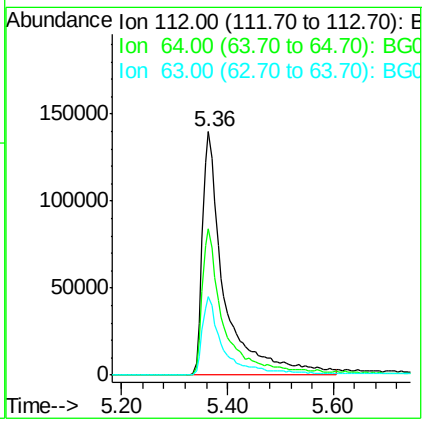
Instrument :
BNA_G
ClientSampleId :

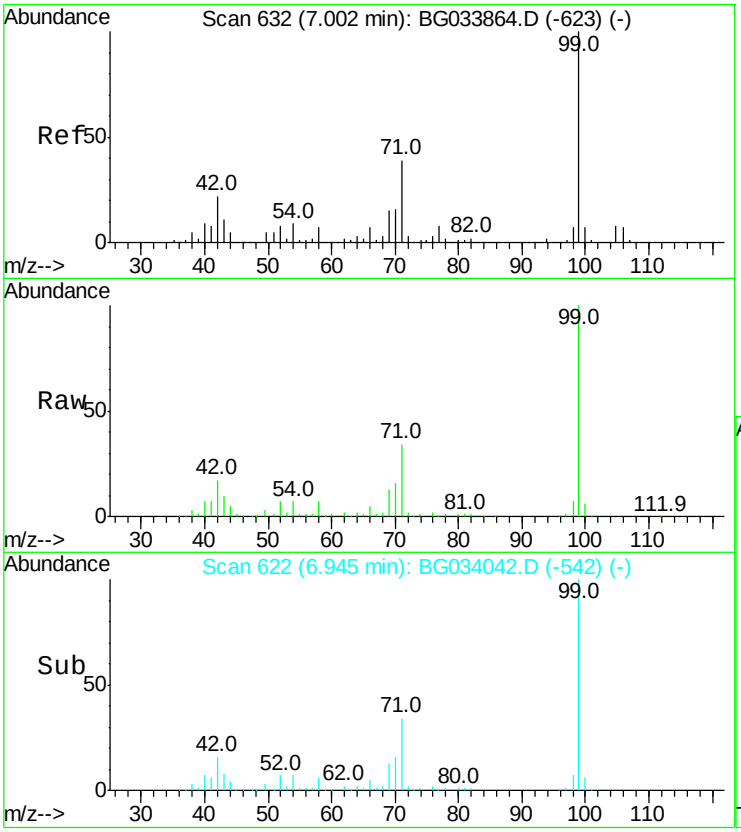


#5
2-Fluorophenol
Concen: 0.000 ng
RT: 5.36 min Scan# 353
Delta R.T. -0.08 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Tgt Ion:112 Resp: 406371

Ion	Ratio	Lower	Upper
112	100		
64	60.2	56.3	84.5
63	32.2	30.1	45.1



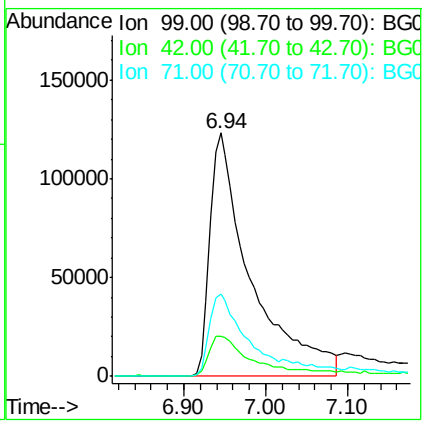


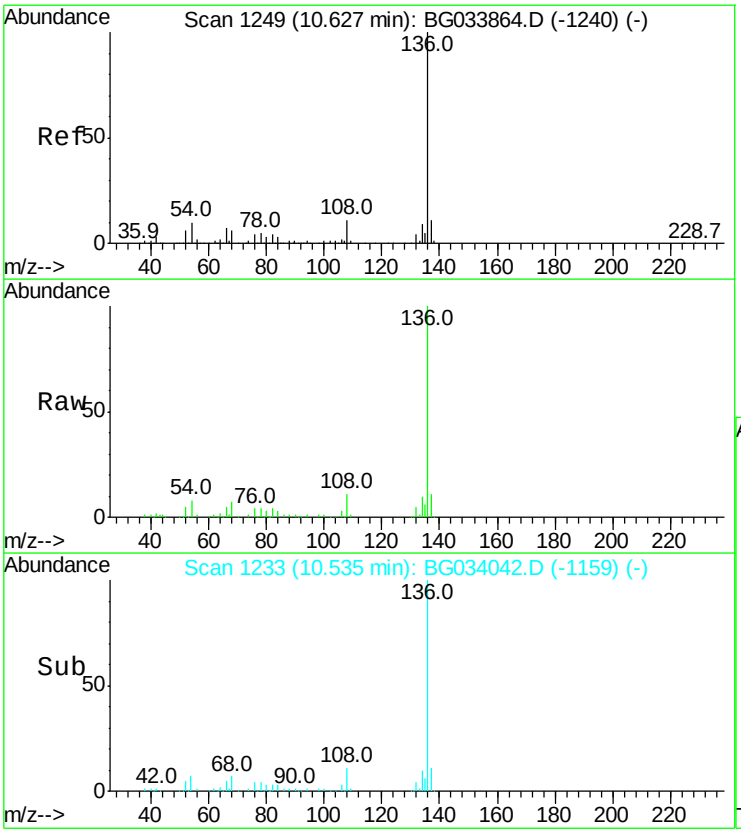
#7
Phenol-d6
Concen: 0.000 ng
RT: 6.94 min Scan# 622
Delta R.T. -0.06 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 428754

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.1	21.1
71	33.7	26.1	39.1

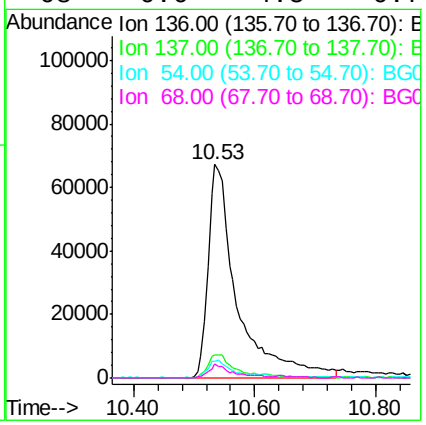


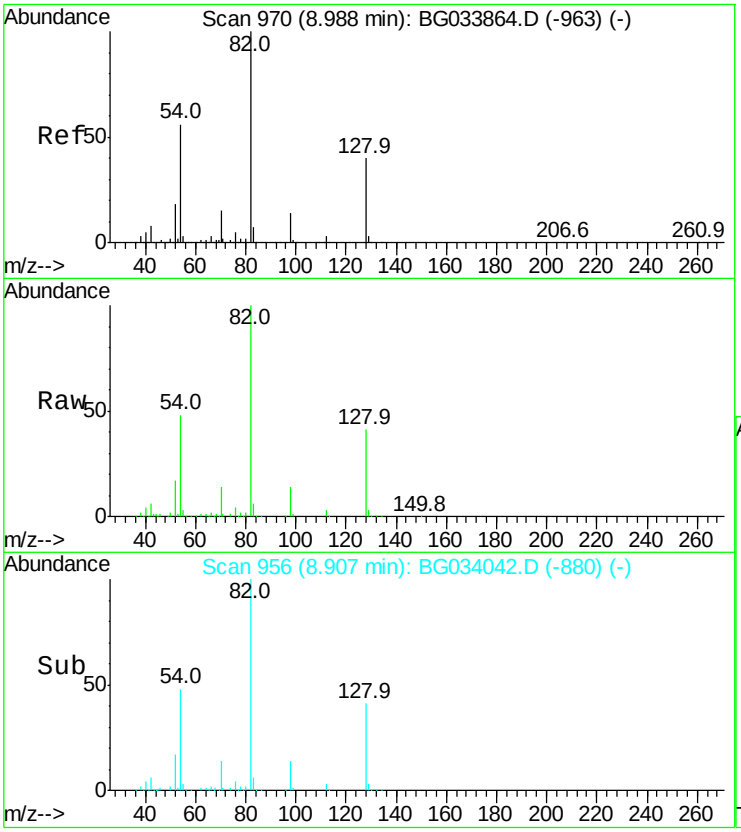


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1233
Delta R.T. -0.09 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Tgt Ion:136 Resp: 225103

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.6	10.3	15.5#
68	6.6	4.5	6.7



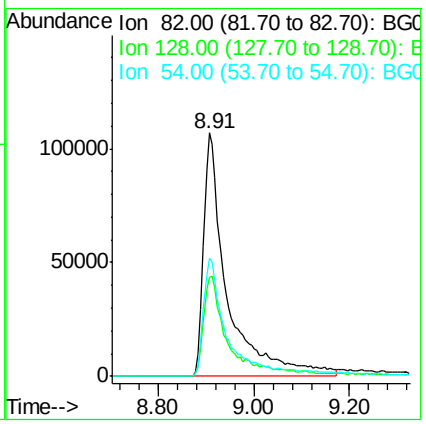


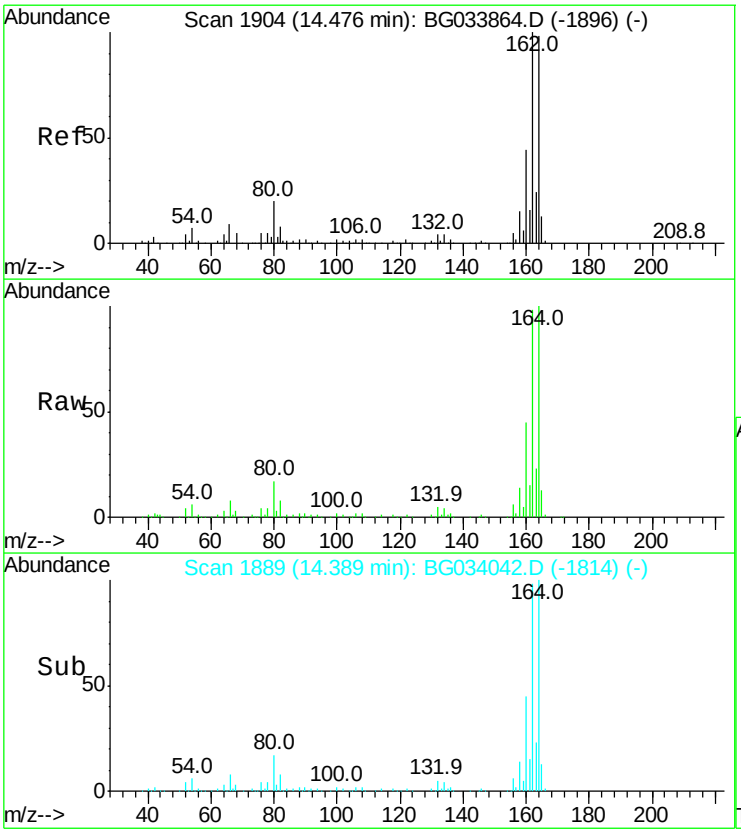
#23
Nitrobenzene-d5
Concen: 93.016 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.08 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 367920

Ion	Ratio	Lower	Upper
82	100		
128	40.7	29.7	44.5
54	48.5	43.1	64.7

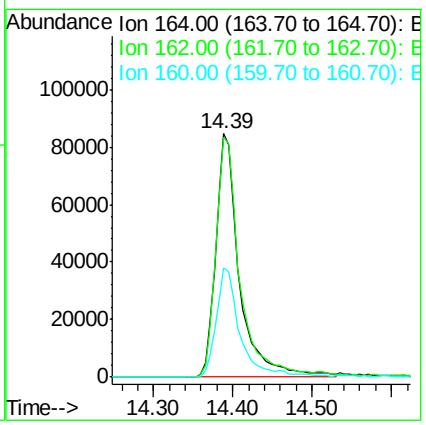


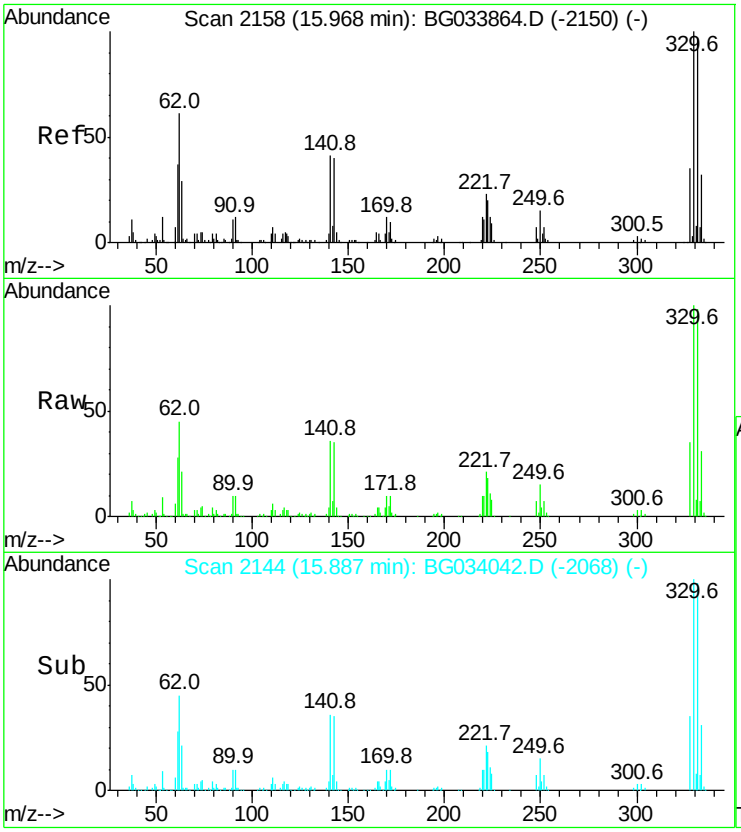


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.09 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Tgt Ion:164 Resp: 174460

Ion	Ratio	Lower	Upper
164	100		
162	98.4	78.8	118.2
160	44.9	35.4	53.0



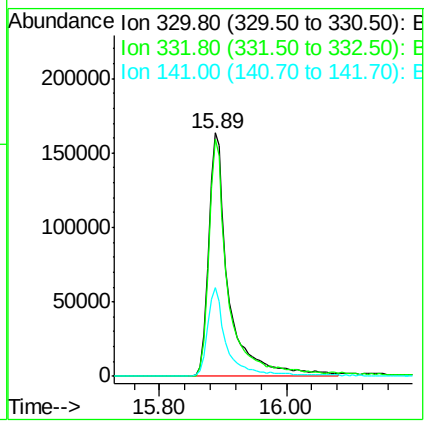


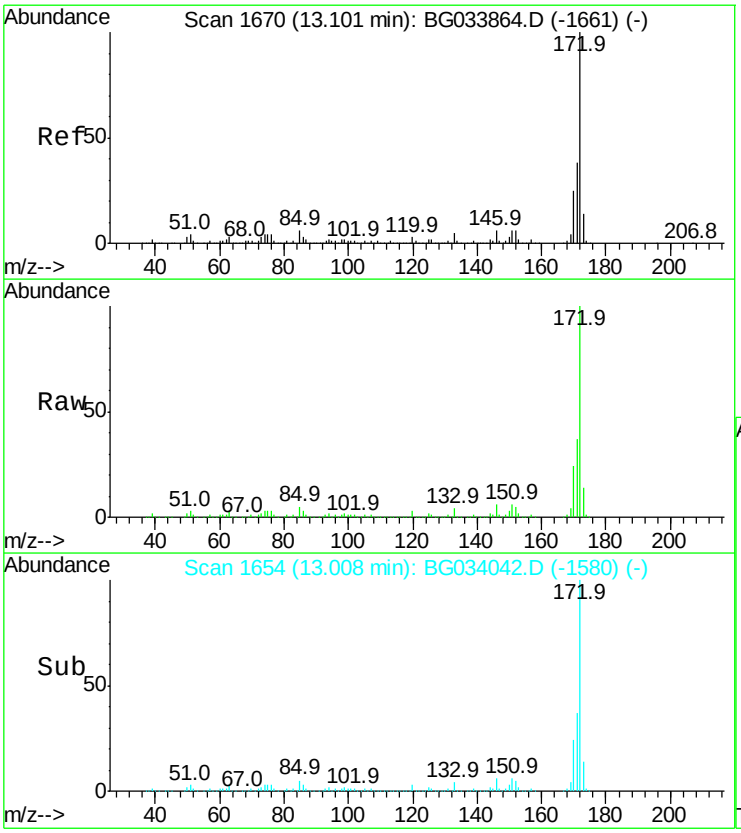
#41
2,4,6-Tribromophenol
Concen: 179.274 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.08 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 364887

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	35.2	25.2	37.8

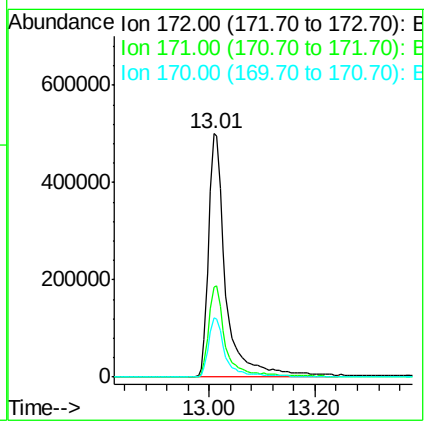


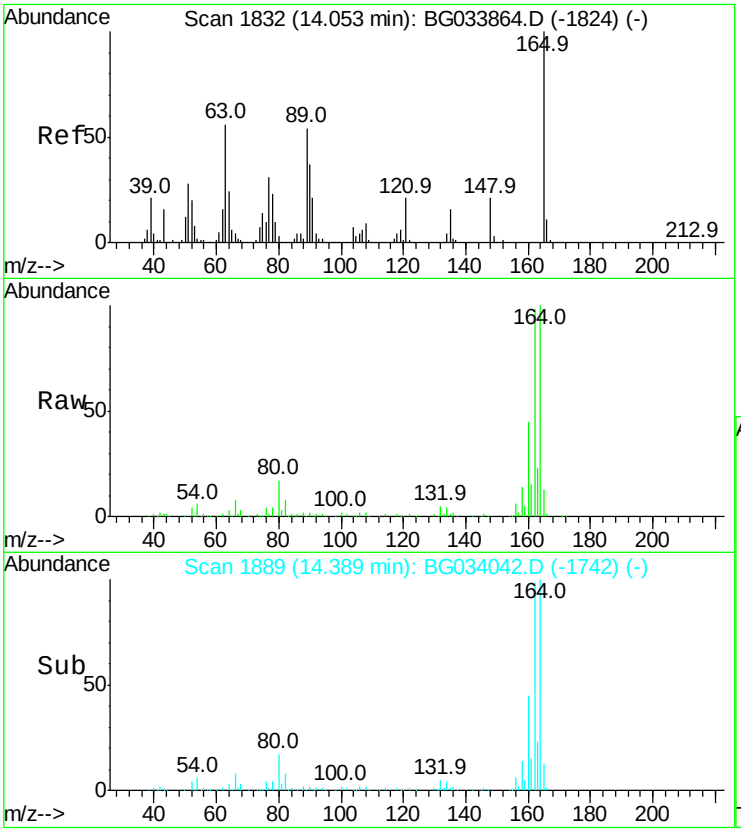


#44
2-Fluorobiphenyl
Concen: 96.497 ng
RT: 13.01 min Scan# 1654
Delta R.T. -0.09 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Tgt Ion:172 Resp: 1145987

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	24.2	19.5	29.3



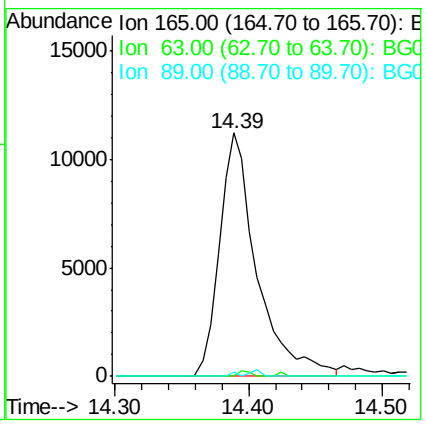


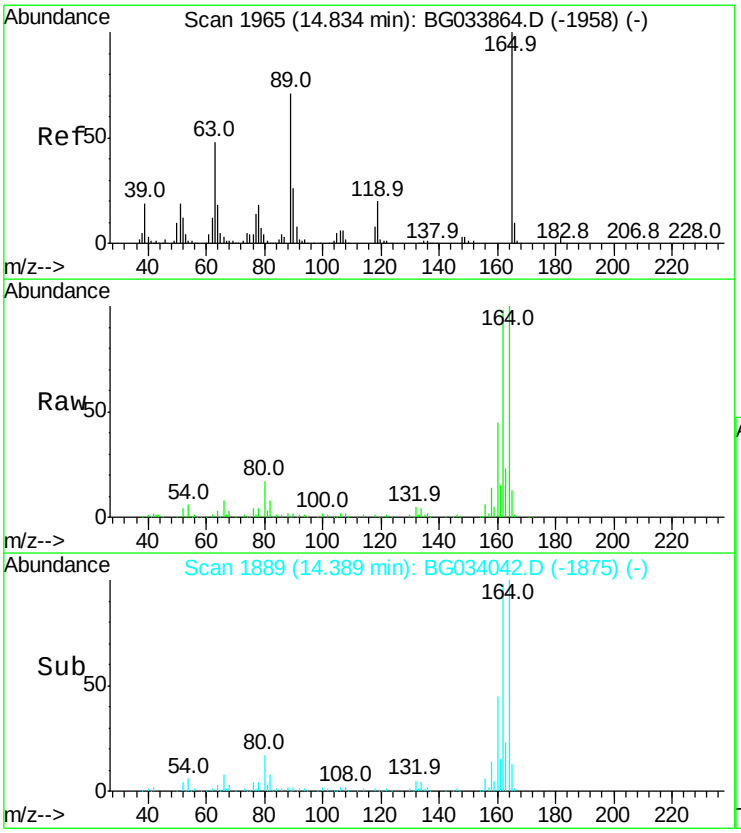
#50
2,6-Dinitrotoluene
Concen: 7.516 ng
RT: 14.39 min Scan# 1889
Delta R.T. 0.34 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21860

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.5	49.2	73.8#

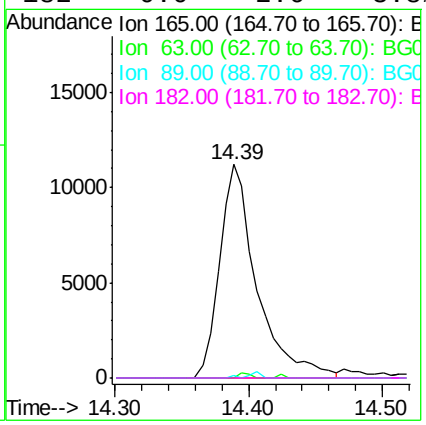


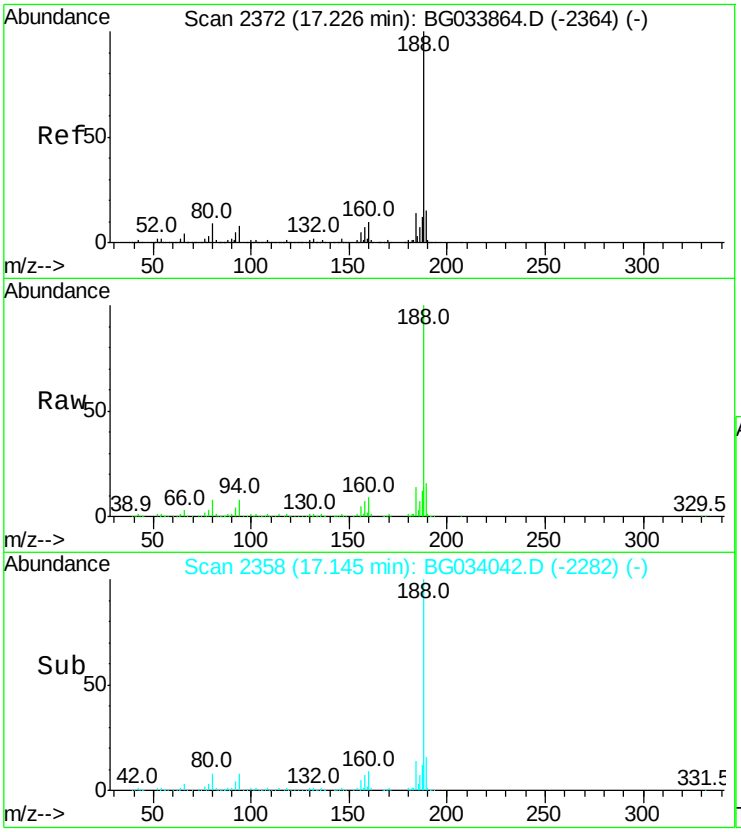


#56
2,4-Dinitrotoluene
Concen: 5.652 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.45 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Tgt Ion:165 Resp: 21860

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.5	66.9	100.3#
182	0.0	2.6	3.8#



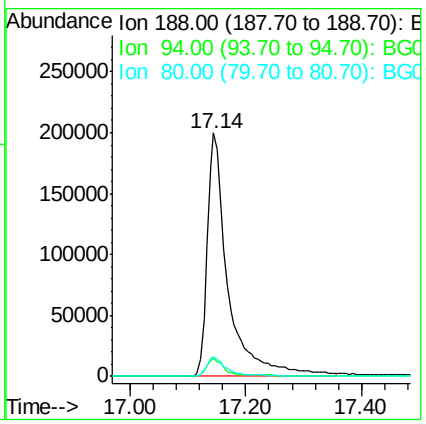


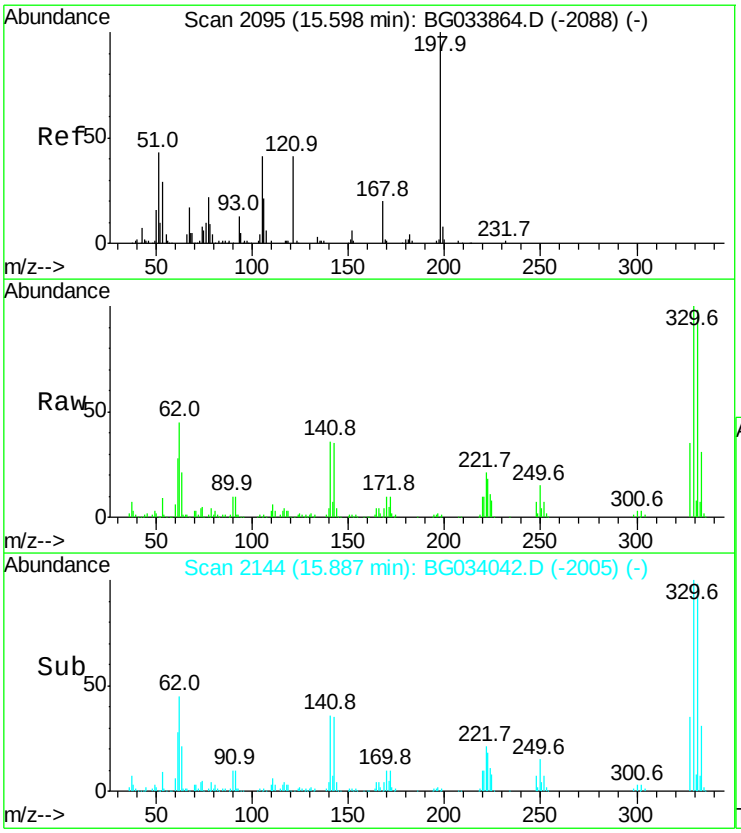
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2358
Delta R.T. -0.08 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 503990

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	7.9	7.7	11.5

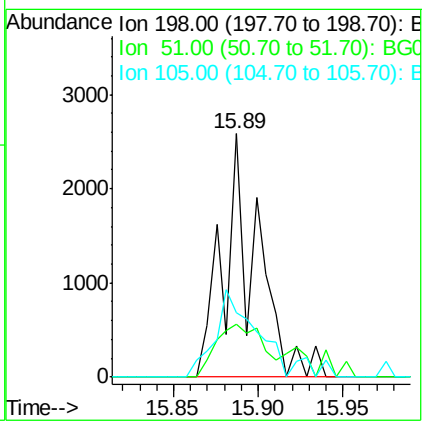


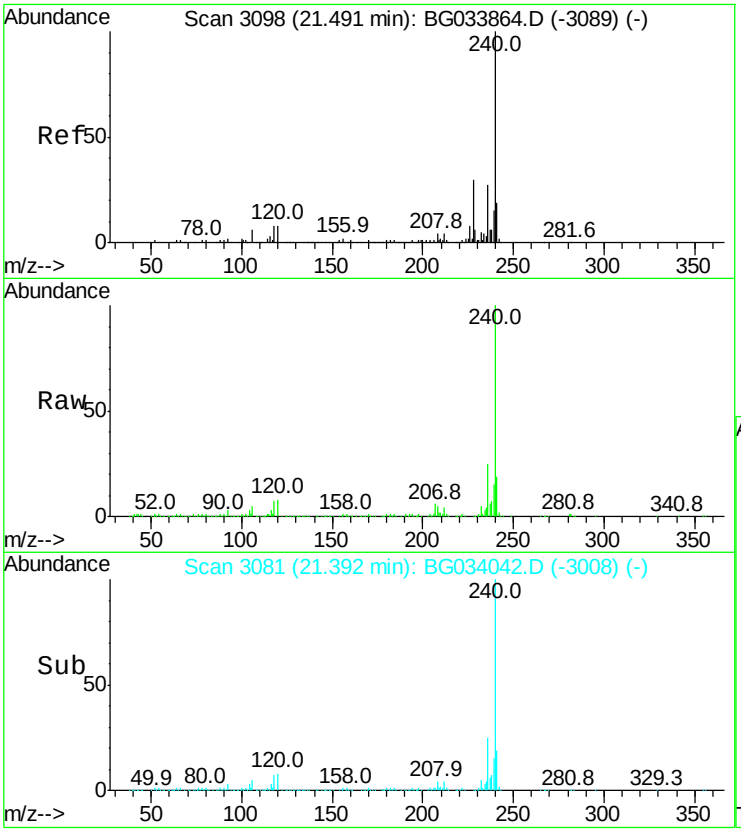


#64
4,6-Dinitro-2-methylphenol
Concen: 7.742 ng
RT: 15.89 min Scan# 2144
Delta R.T. 0.29 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Tgt Ion:198 Resp: 3517

Ion	Ratio	Lower	Upper
198	100		
51	22.0	30.6	70.6#
105	26.4	23.8	63.8



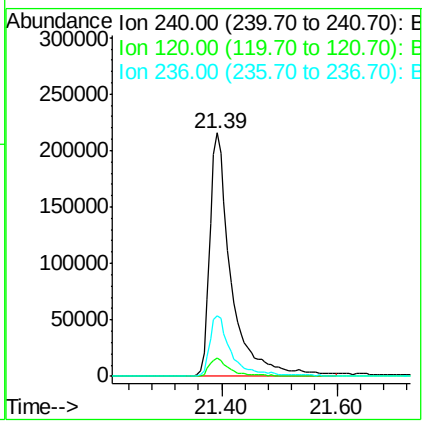


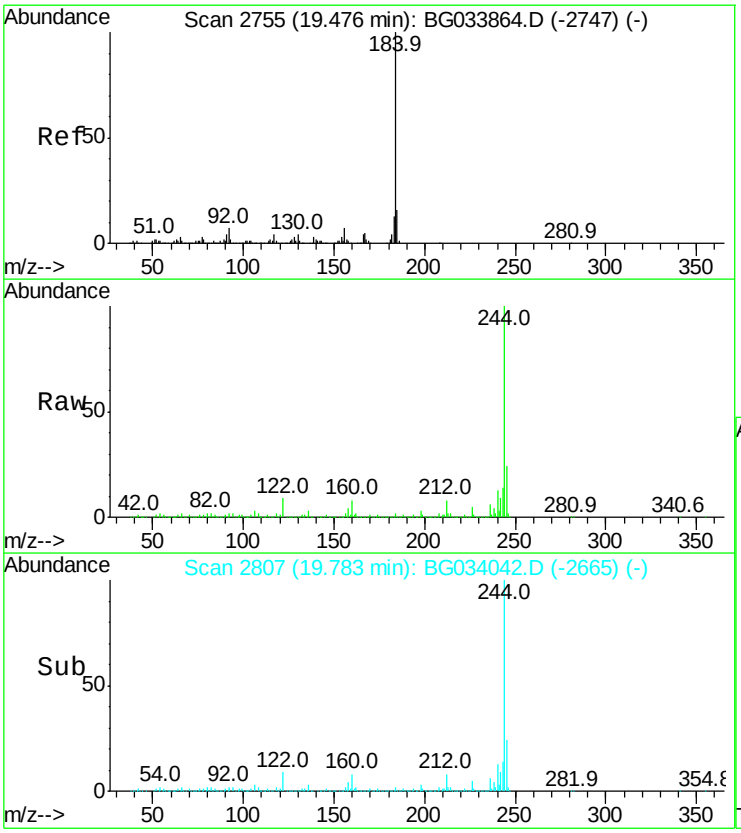
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.10 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 559245

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.8	10.2
236	25.0	20.9	31.3

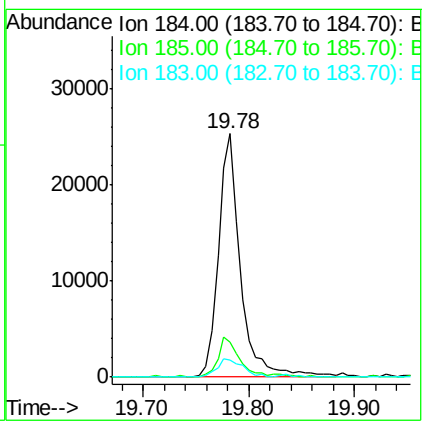


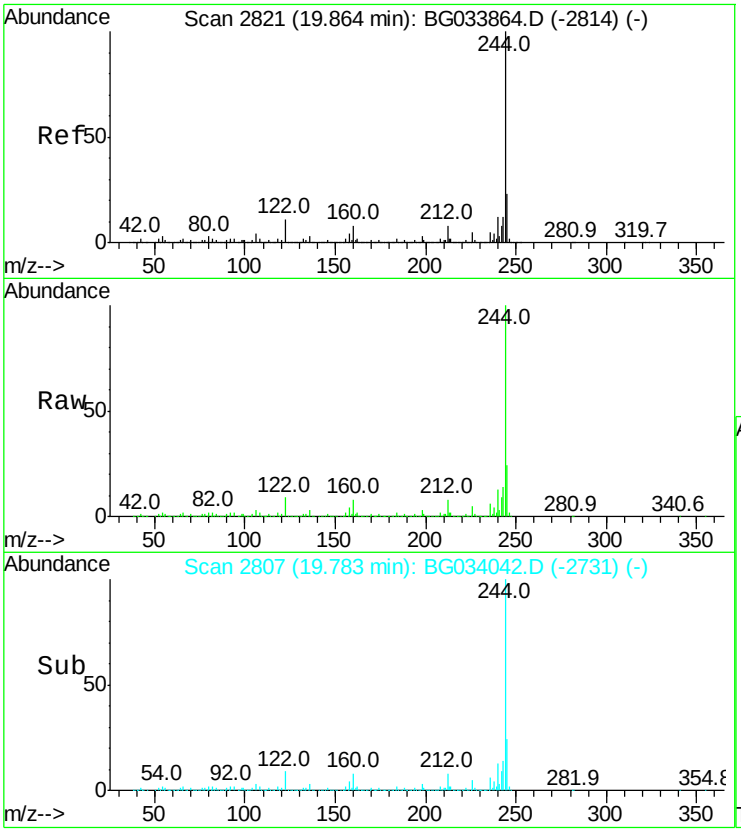


#76
Benzidine
Concen: 2.436 ng
RT: 19.78 min Scan# 2807
Delta R.T. 0.31 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Tgt Ion:184 Resp: 36781

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.1	16.7
183	7.0	10.6	16.0#



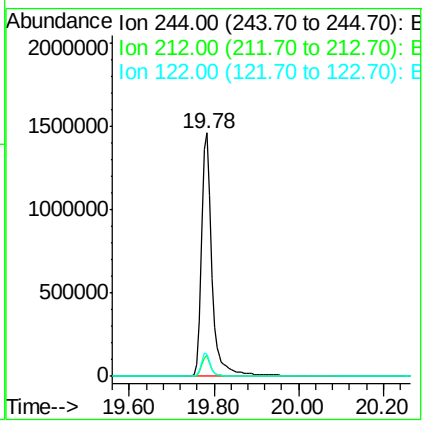


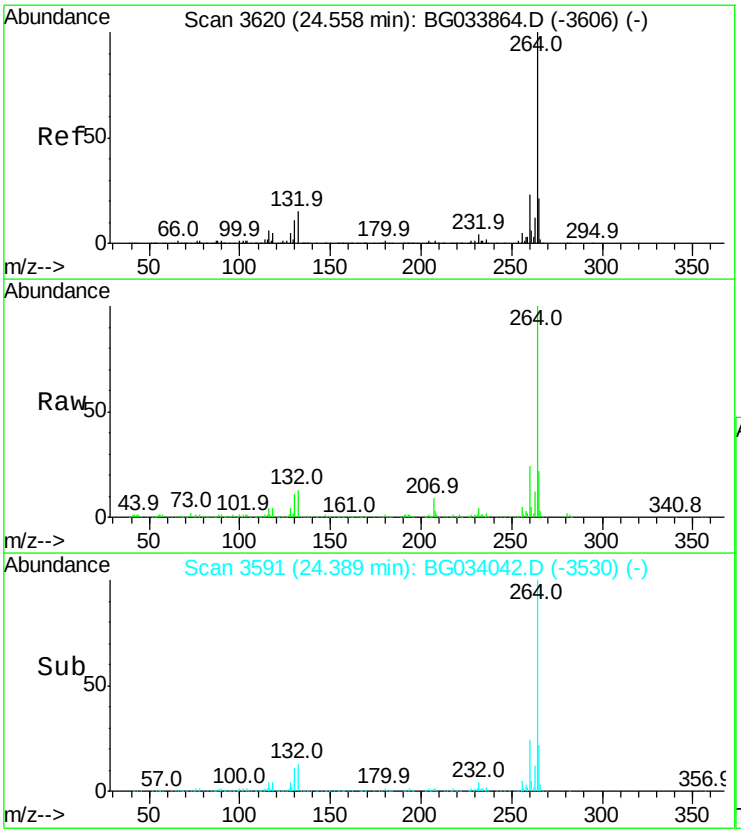
#78
Terphenyl-d14
Concen: 99.951 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2488052

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.17 min
Lab File: BG034042.D
Acq: 27 Apr 2018 16:59

Tgt Ion:264 Resp: 542220

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.7	17.7	26.5