Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034073.D
Acq On : 28 Apr 2018 14:00
Operator : SJ/JU
Sample : PB108635TB
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 30 02:32:23 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	7.76	152	30893	20.00	ng	-0.08
21) Naphthalene-d8	10.54	136	194623	20.00	ng	-0.09
38) Acenaphthene-d10	14.39	164	157275	20.00	ng	-0.09
63) Phenanthrene-d10	17.14	188	474246	20.00	ng	-0.08
75) Chrysene-d12	21.39	240	539081	20.00	ng	-0.10
86) Perylene-d12	24.39	264	525115	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	243566	125.87	ng	-0.08
7) Phenol-d6	6.95	99	351862	124.67	ng	-0.05
23) Nitrobenzene-d5	8.92	82	199626	58.37	ng	-0.07
41) 2,4,6-Tribromophenol	15.89	330	218266	118.95	ng	-0.08
44) 2-Fluorobiphenyl	13.01	172	724466	67.67	ng	-0.09
78) Terphenyl-d14	19.78	244	1716930	71.55	ng	-0.08
Target Compounds						Qvalue
9) Benzaldehyde	6.96	77	202	Below Cal	#	5
50) 2,6-Dinitrotoluene	14.39	165	20048	7.65	ng	# 19
64) 4,6-Dinitro-2-methylphenol	15.87	198	242	6.58	ng	# 29

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

Quantitation Report (Not Reviewed)

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Acq On : 28 Apr 2018 14:00
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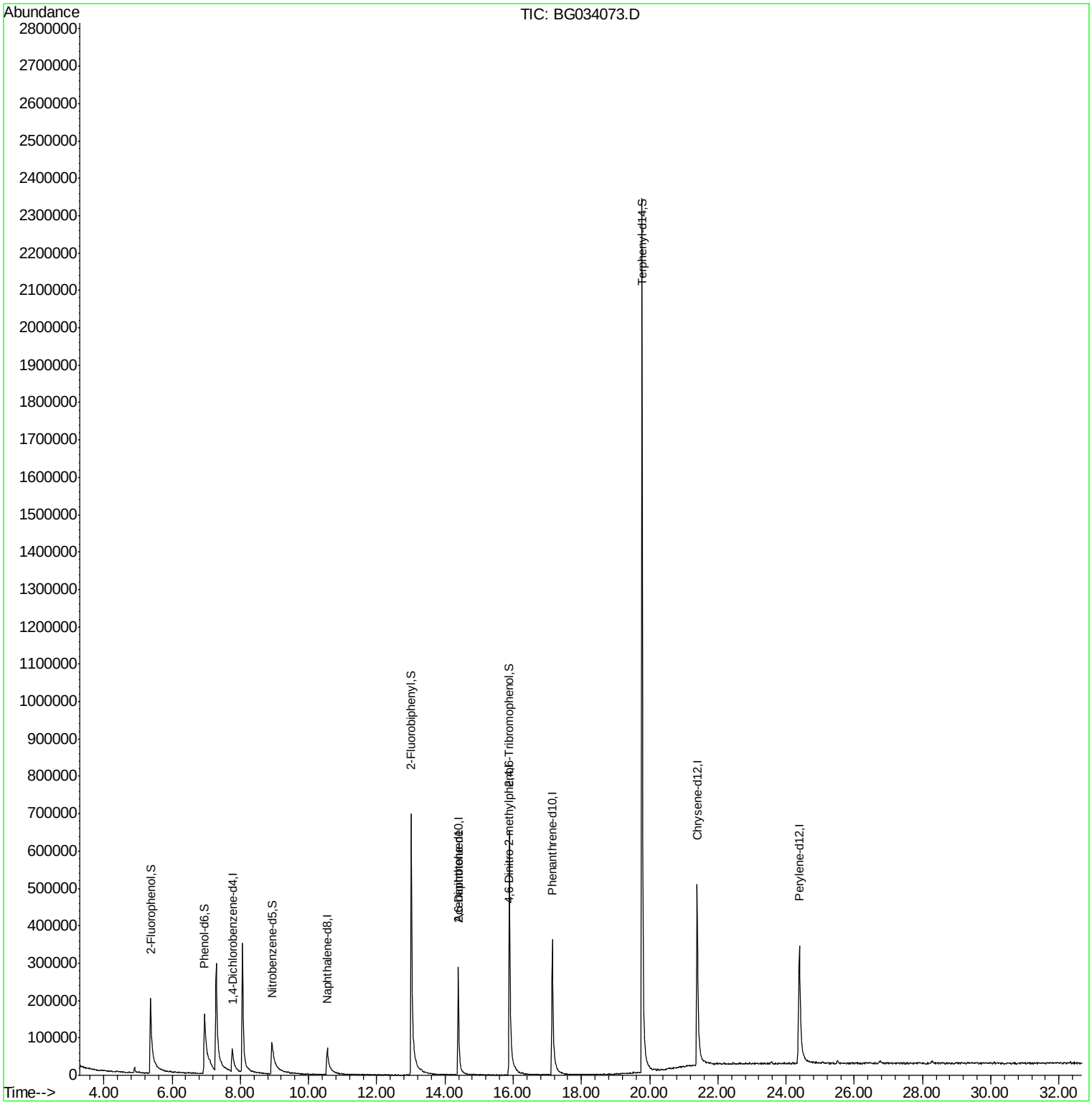
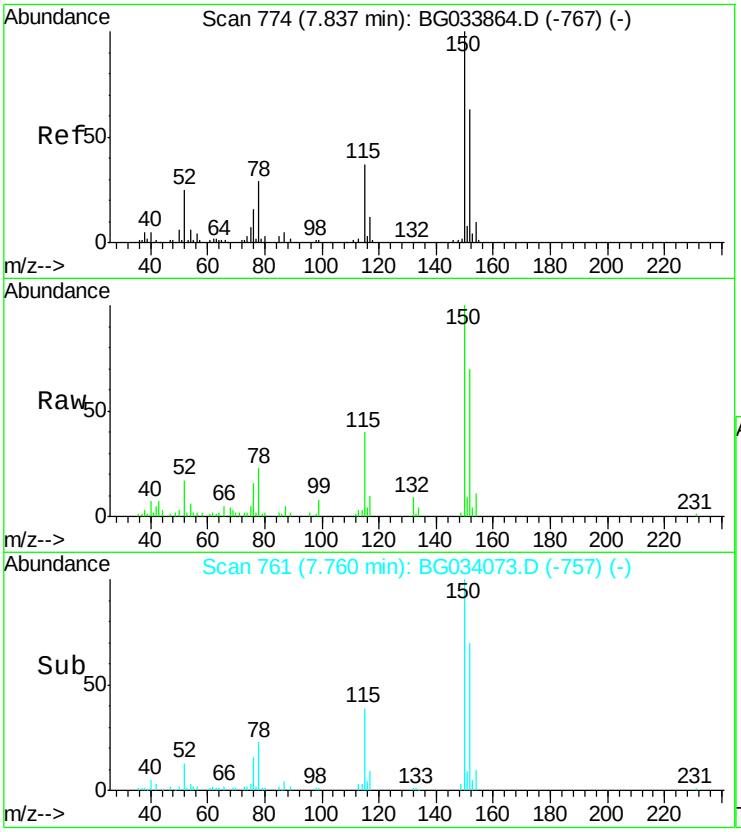


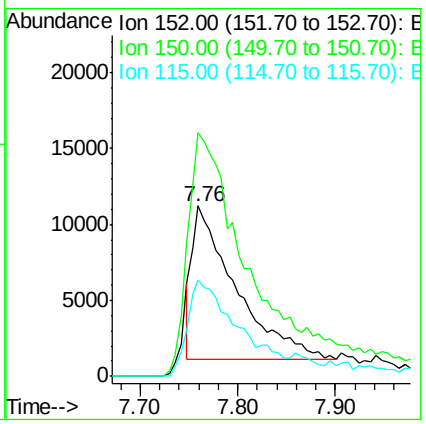


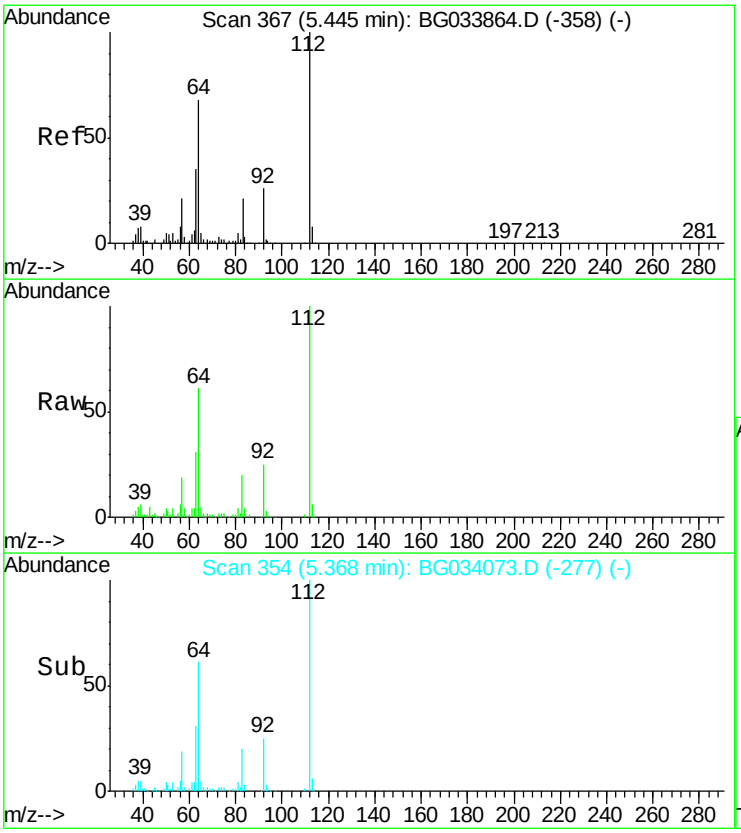
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 761
Delta R.T. -0.08 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 30893

Ion	Ratio	Lower	Upper
152	100		
150	142.9	126.6	189.8
115	56.8	53.0	79.4

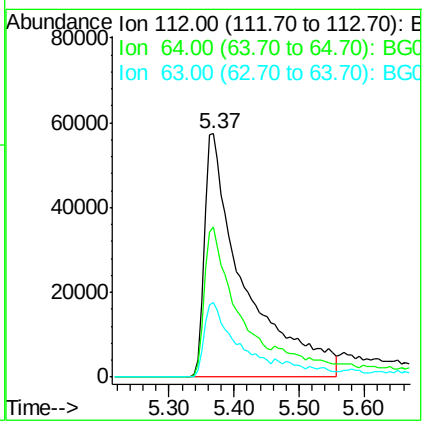


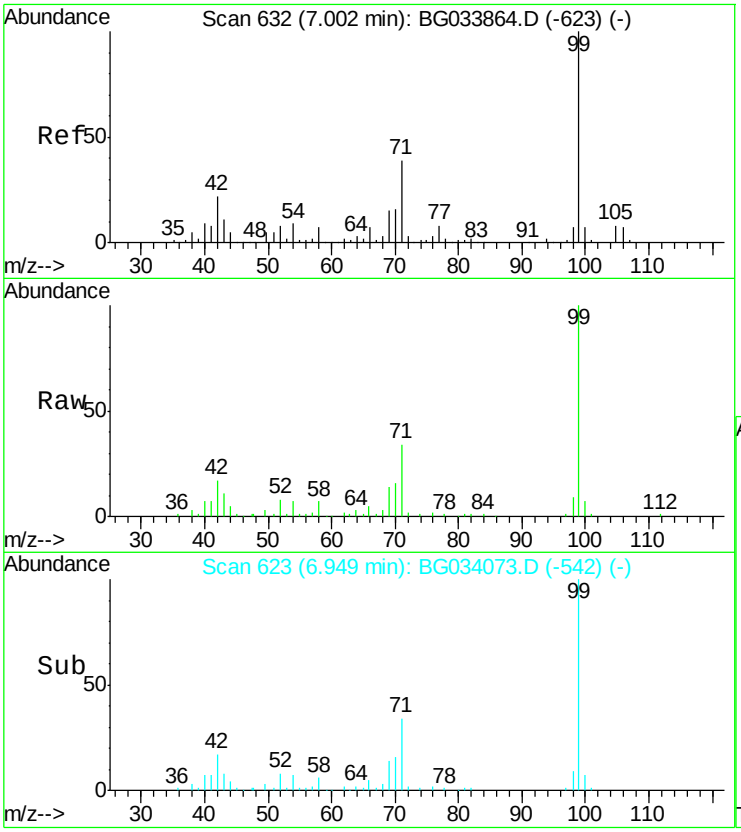


#5
2-Fluorophenol
Concen: 125.87 ng
RT: 5.37 min Scan# 354
Delta R.T. -0.08 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Tgt Ion:112 Resp: 243566

Ion	Ratio	Lower	Upper
112	100		
64	61.4	56.3	84.5
63	30.6	30.1	45.1



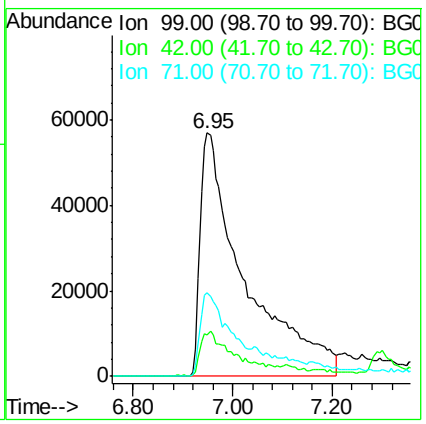


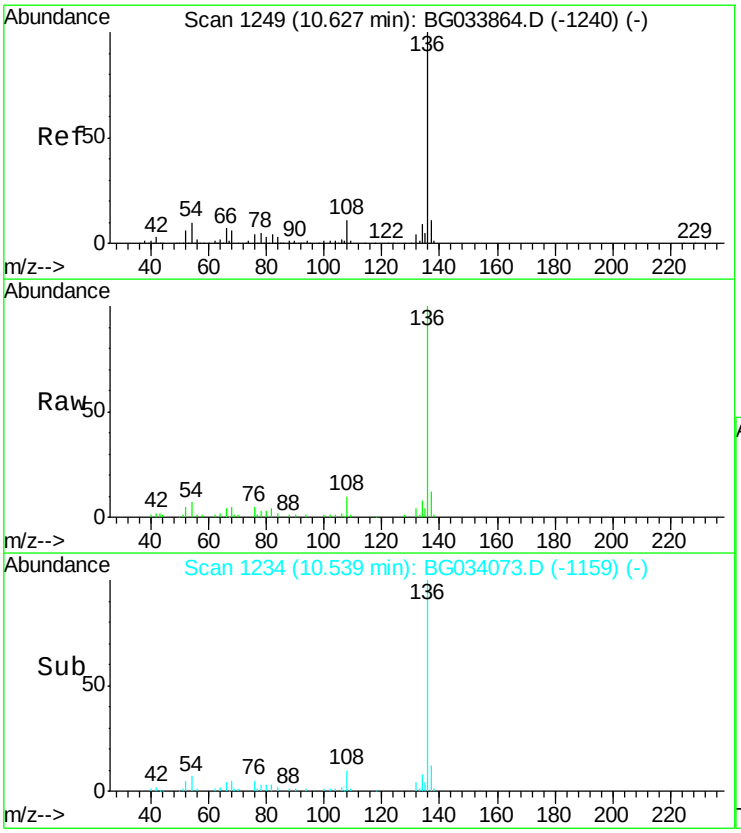
#7
Phenol-d6
Concen: 124.67 ng
RT: 6.95 min Scan# 623
Delta R.T. -0.05 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 351862

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.1	21.1
71	34.1	26.1	39.1

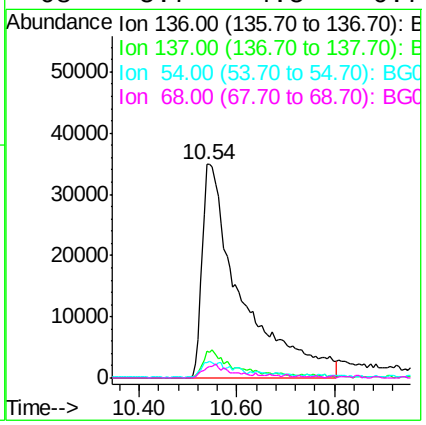


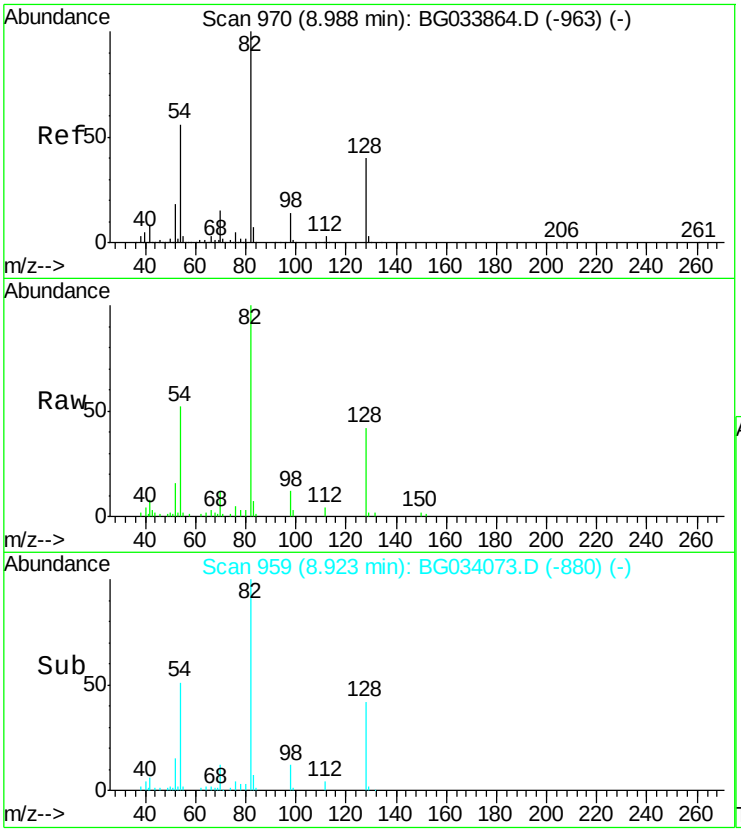


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.09 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Tgt Ion:136 Resp: 194623

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.2	13.8
54	7.4	10.3	15.5#
68	5.7	4.5	6.7



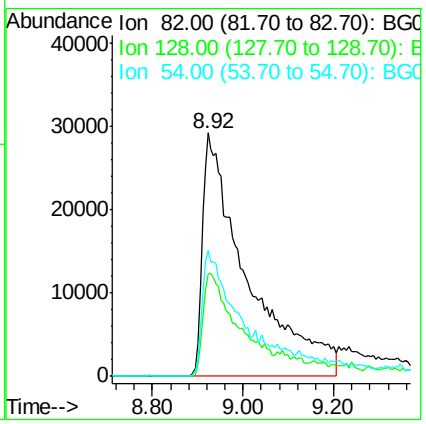


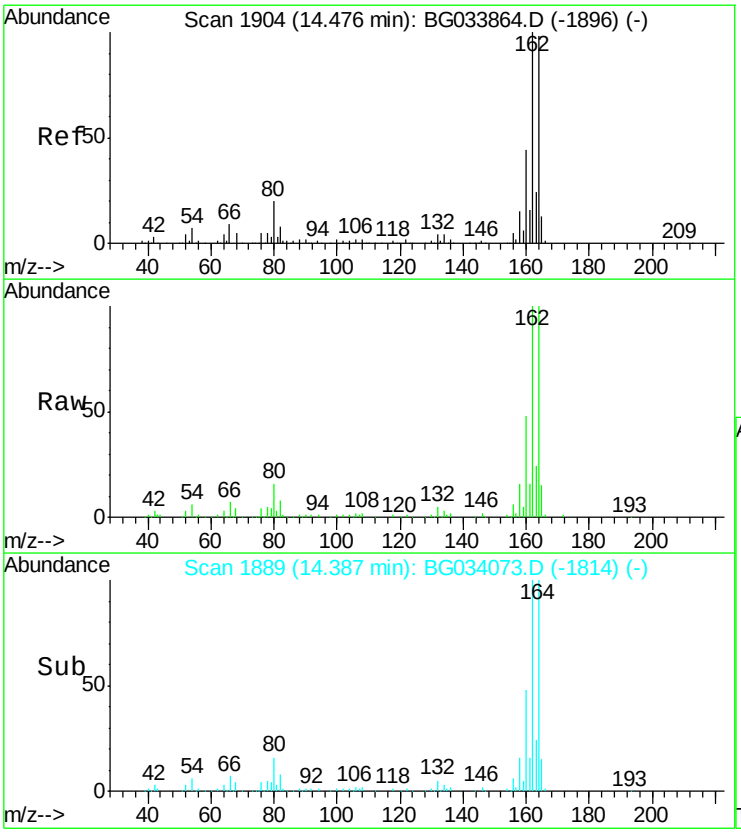
#23
Nitrobenzene-d5
Concen: 58.37 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.07 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 199626

Ion	Ratio	Lower	Upper
82	100		
128	42.2	29.7	44.5
54	51.7	43.1	64.7

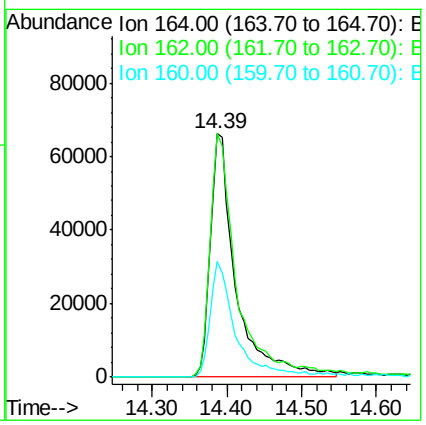


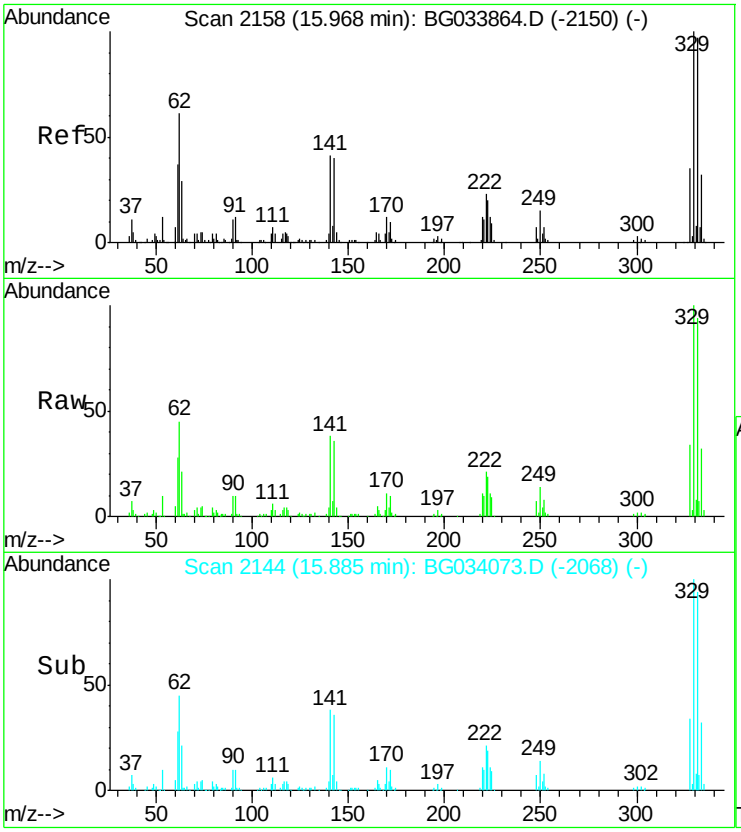


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.39 min Scan# 1889
Delta R.T. -0.09 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Tgt Ion:164 Resp: 157275

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.8	118.2
160	47.7	35.4	53.0



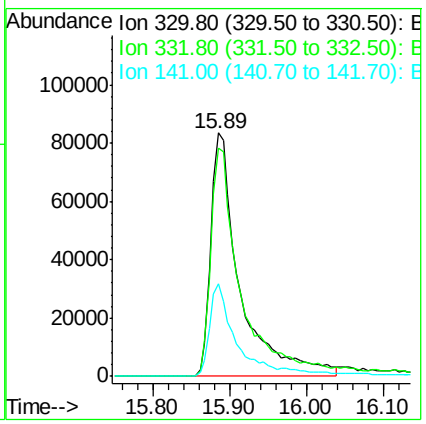


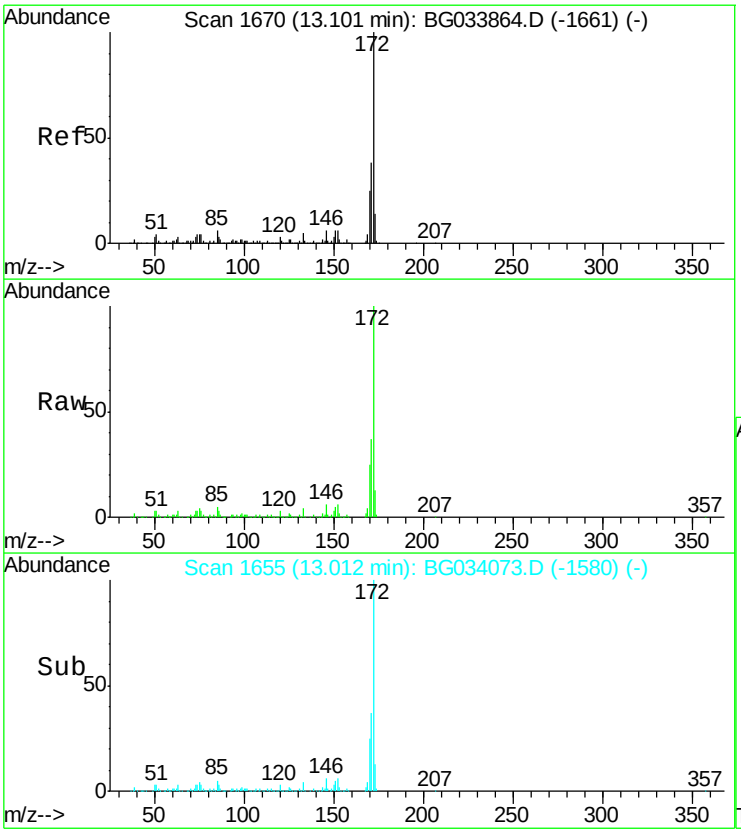
#41
2,4,6-Tribromophenol
Concen: 118.95 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.08 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 218266

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	35.1	25.2	37.8

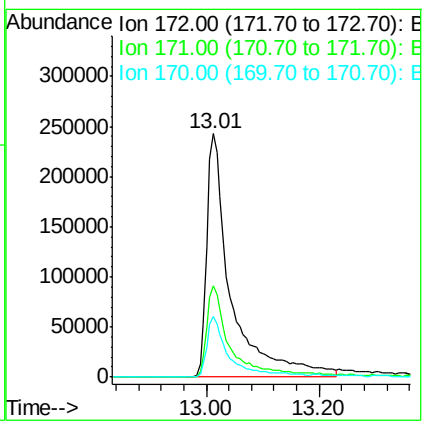


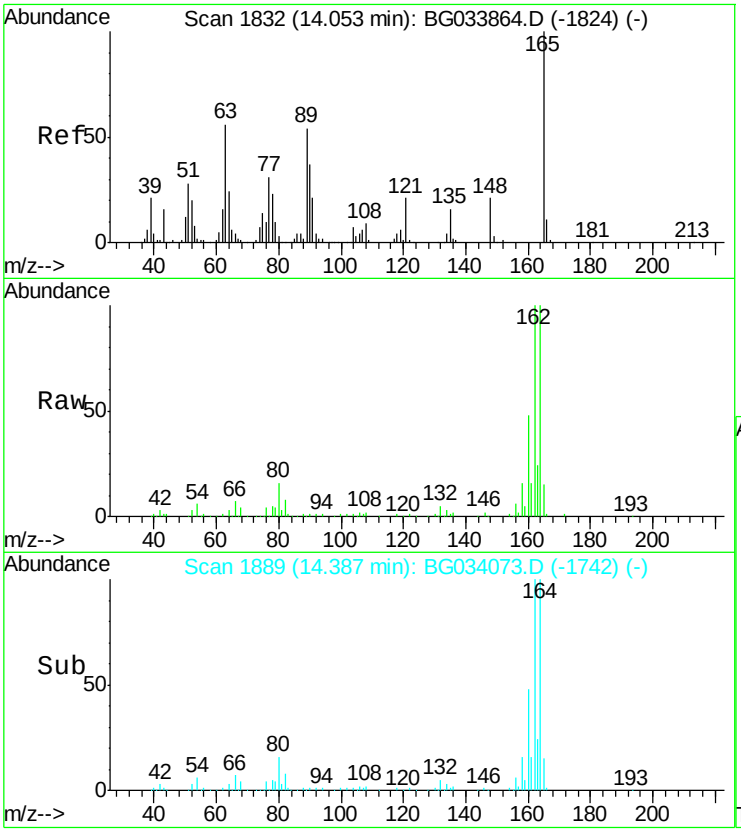


#44
2-Fluorobiphenyl
Concen: 67.67 ng
RT: 13.01 min Scan# 1655
Delta R.T. -0.09 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Tgt Ion:172 Resp: 724466

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.9	19.5	29.3



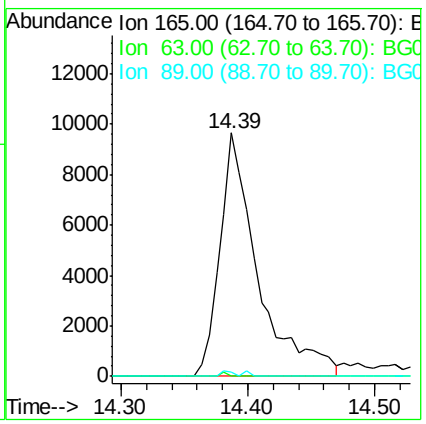


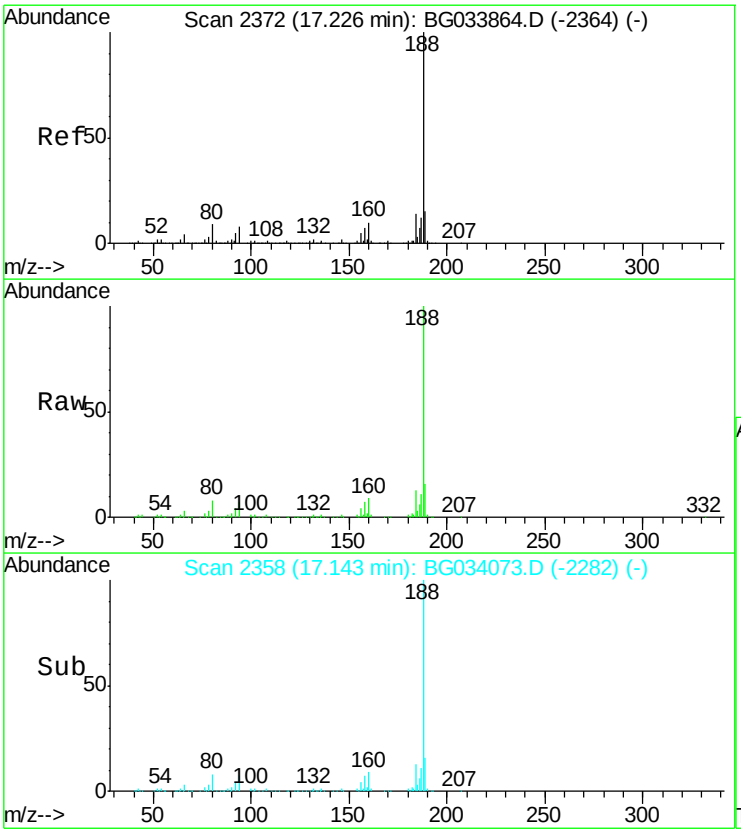
#50
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 14.39 min Scan# 1889
Delta R.T. 0.33 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 20048

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

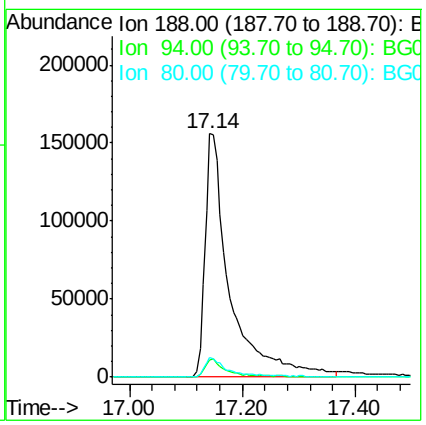


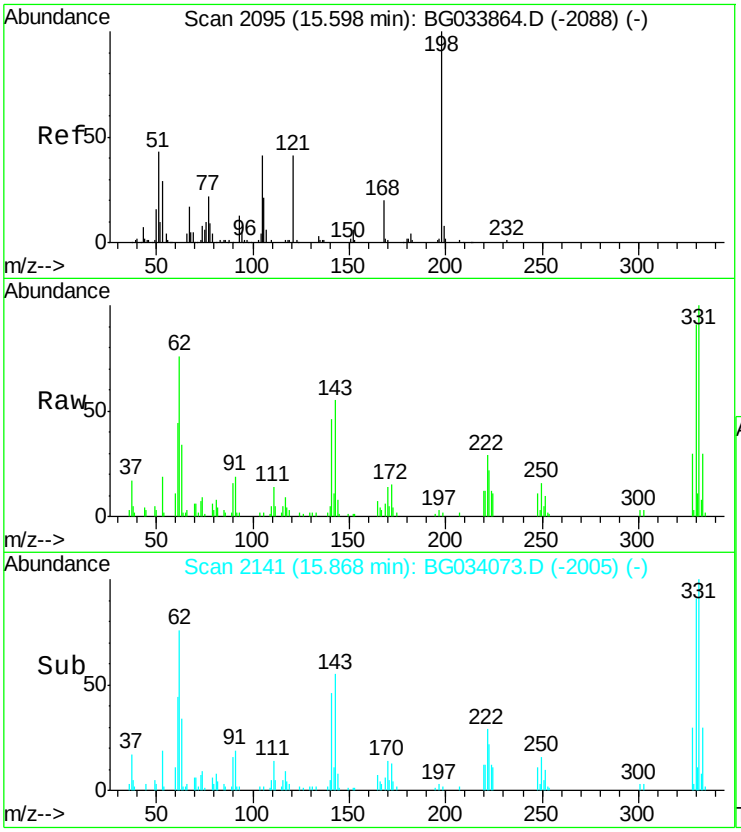


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.14 min Scan# 2358
Delta R.T. -0.08 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Tgt Ion:188 Resp: 474246

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.8	7.7	11.5



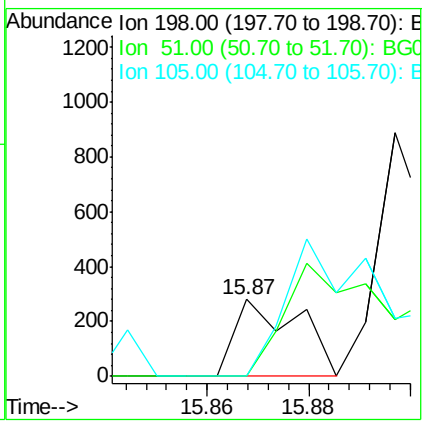


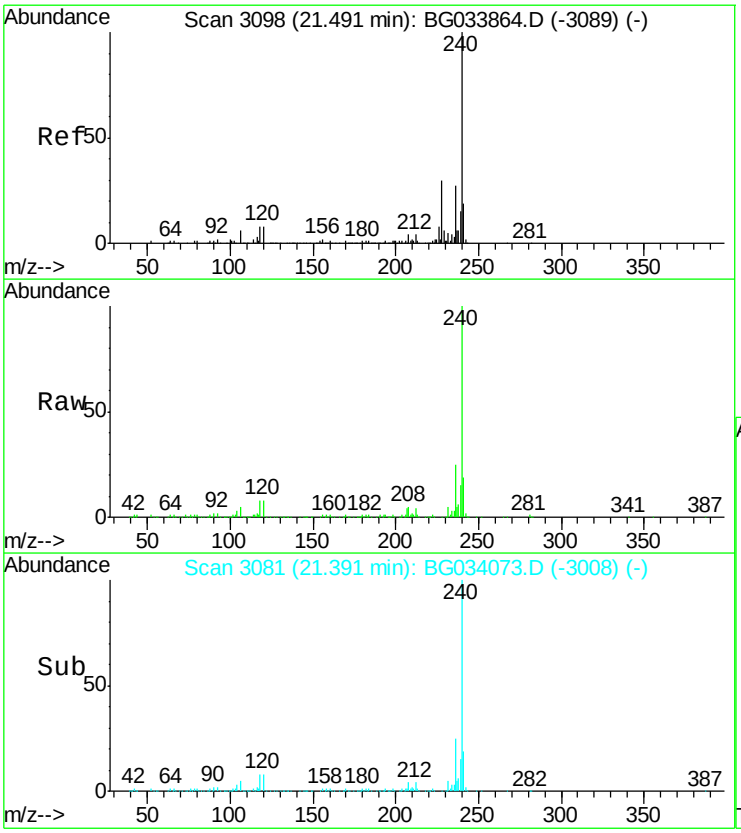
#64
4,6-Dinitro-2-methylphenol
Concen: 6.58 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.27 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 242

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#

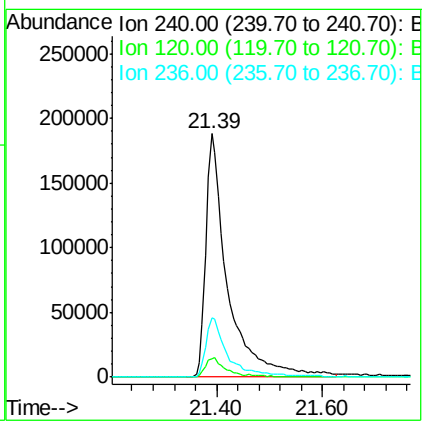


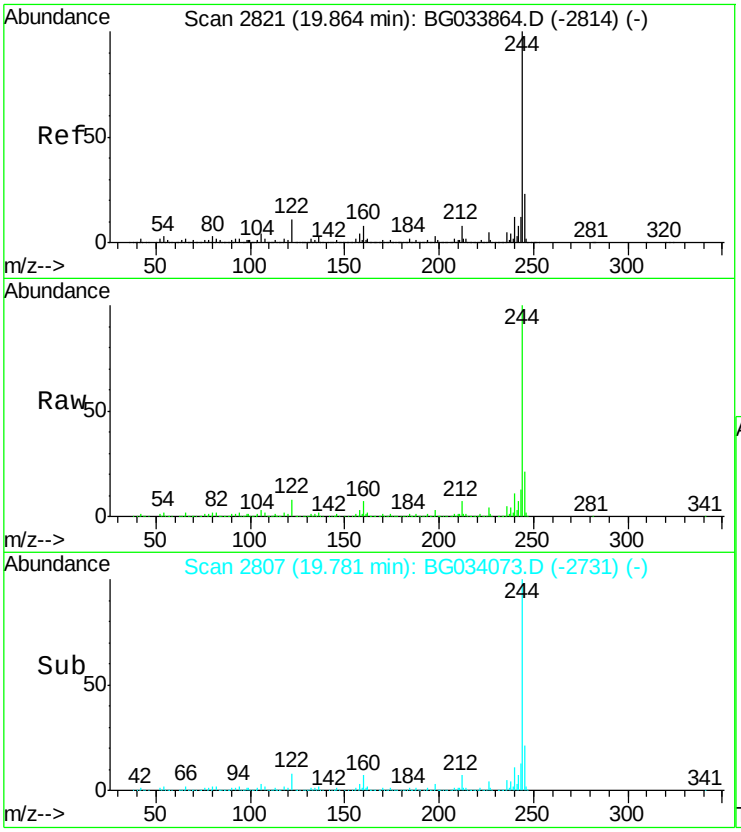


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.10 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Tgt Ion:240 Resp: 539081

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.8	10.2
236	24.5	20.9	31.3



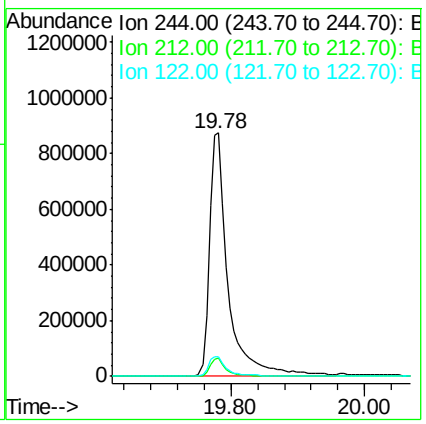


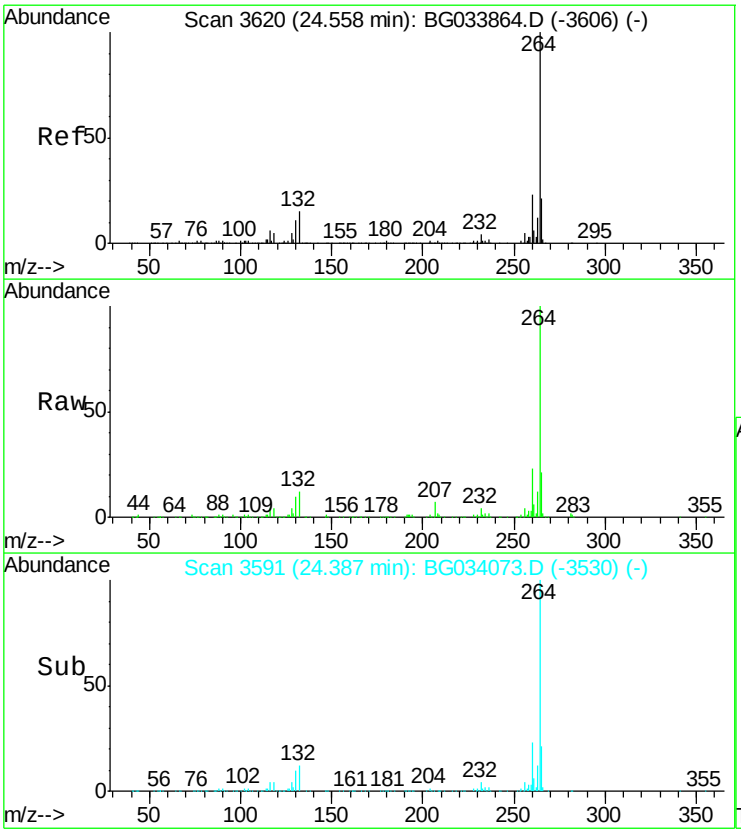
#78
Terphenyl-d14
Concen: 71.55 ng
RT: 19.78 min Scan# 2807
Delta R.T. -0.08 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1716930

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	7.9	7.0	10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.39 min Scan# 3591
Delta R.T. -0.17 min
Lab File: BG034073.D
Acq: 28 Apr 2018 14:00

Tgt Ion:264 Resp: 525115

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.3	17.7	26.5