Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
Data File : BG040075.D
Acq On : 21 Mar 2019 21:10
Operator : JU/SJ
Sample : K1989-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-1-2

Quant Time: Mar 22 05:58:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35455	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	154764	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	109934	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	281822	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	279801	20.00	ng	-0.03
87) Perylene-d12	25.16	264	282322	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	276188	132.89	ng	-0.02
7) Phenol-d6	7.29	99	362960	117.13	ng	-0.02
23) Nitrobenzene-d5	9.32	82	265049	92.62	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	169119	131.98	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	664431	86.05	ng	-0.03
79) Terphenyl-d14	20.11	244	1154653	90.86	ng	-0.02
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	8.18	146	14543	5.007	ng	95
14) 1,2-Dichlorobenzene	8.49	146	20740	7.390	ng	97

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

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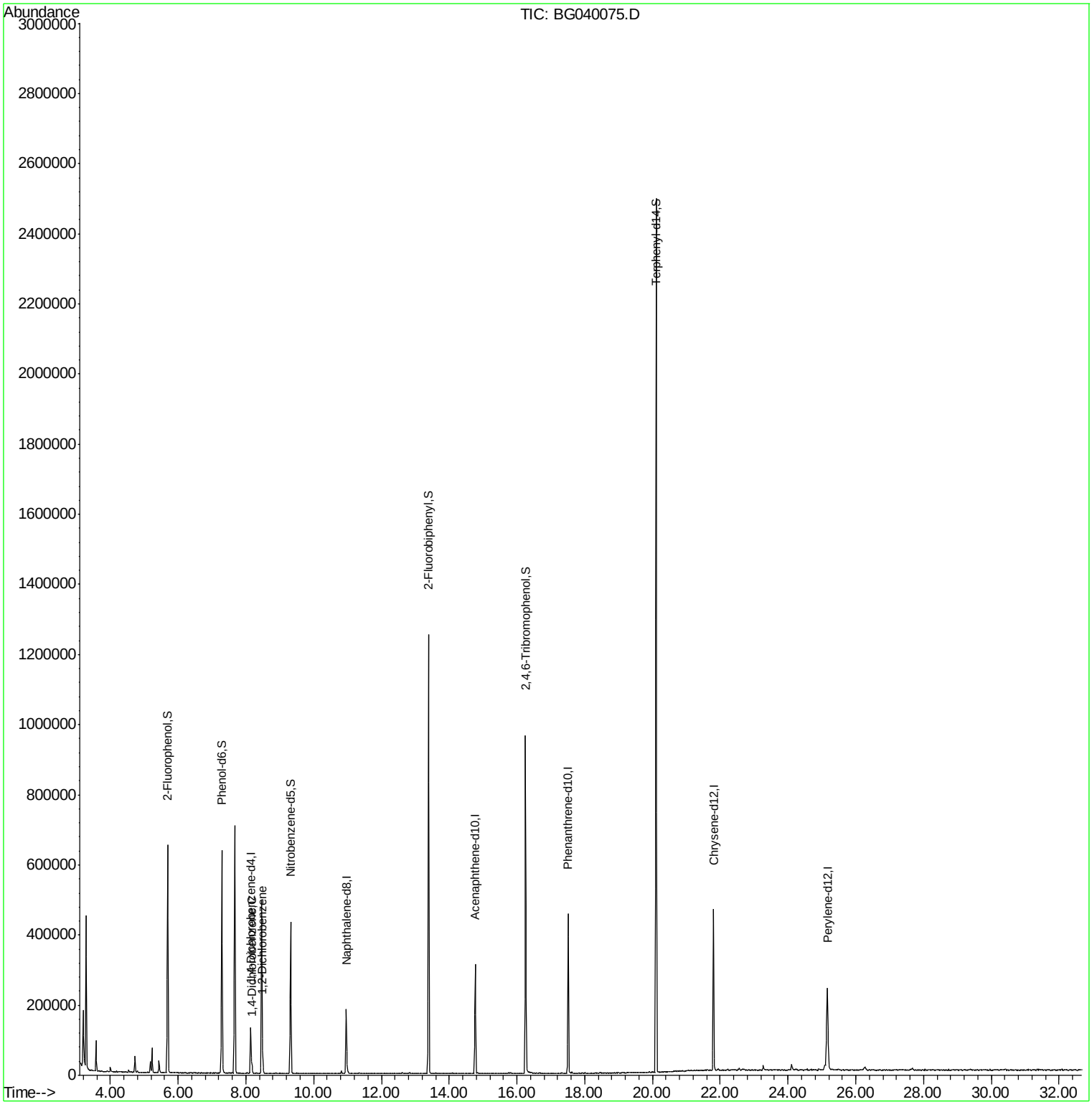
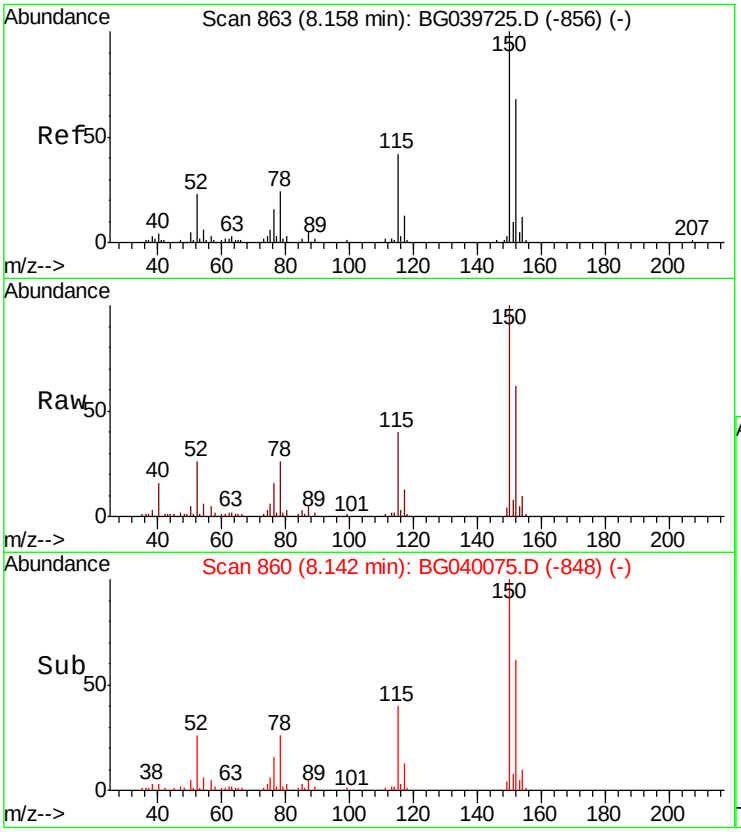


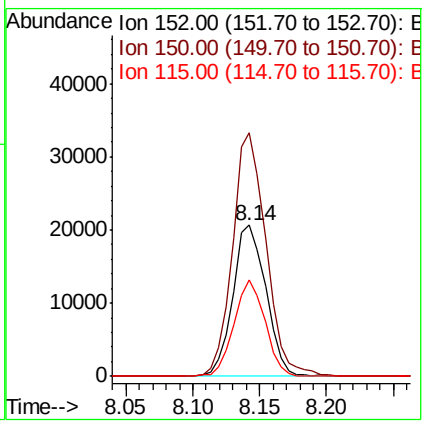


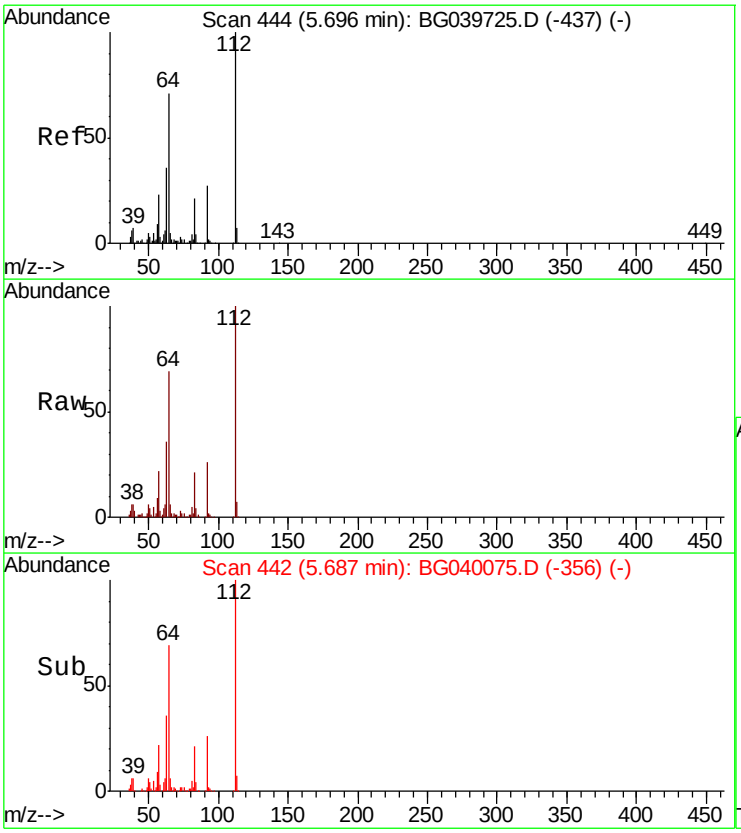
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:152 Resp: 35455

Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.7	185.5
115	63.7	45.9	68.9

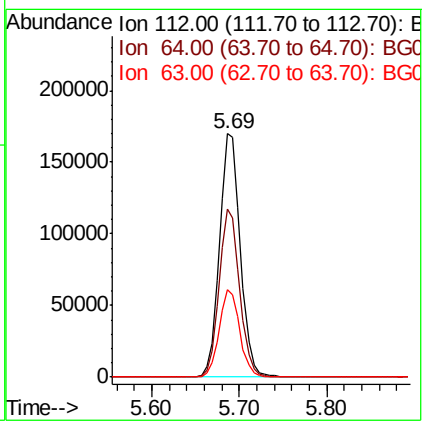


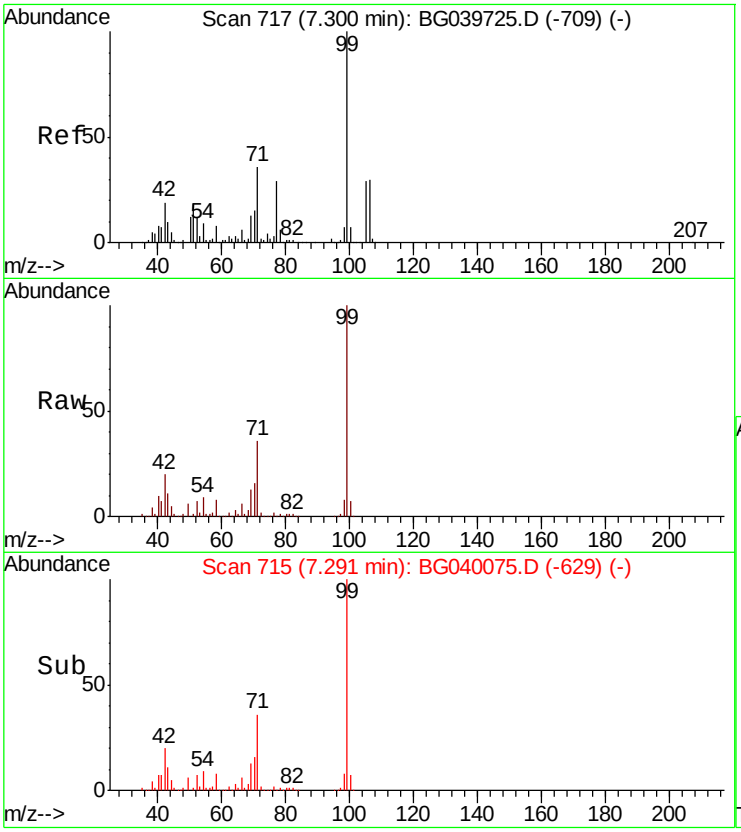


#5
2-Fluorophenol
Concen: 132.895 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:112 Resp: 276188

Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.8	86.8
63	35.9	29.8	44.6



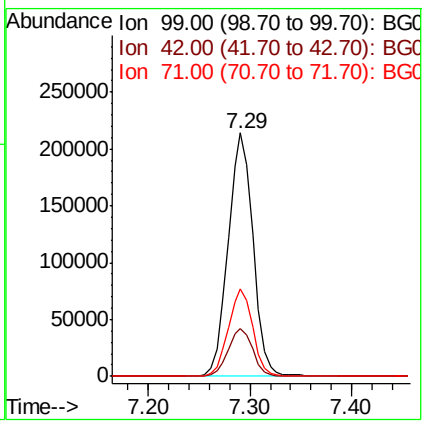


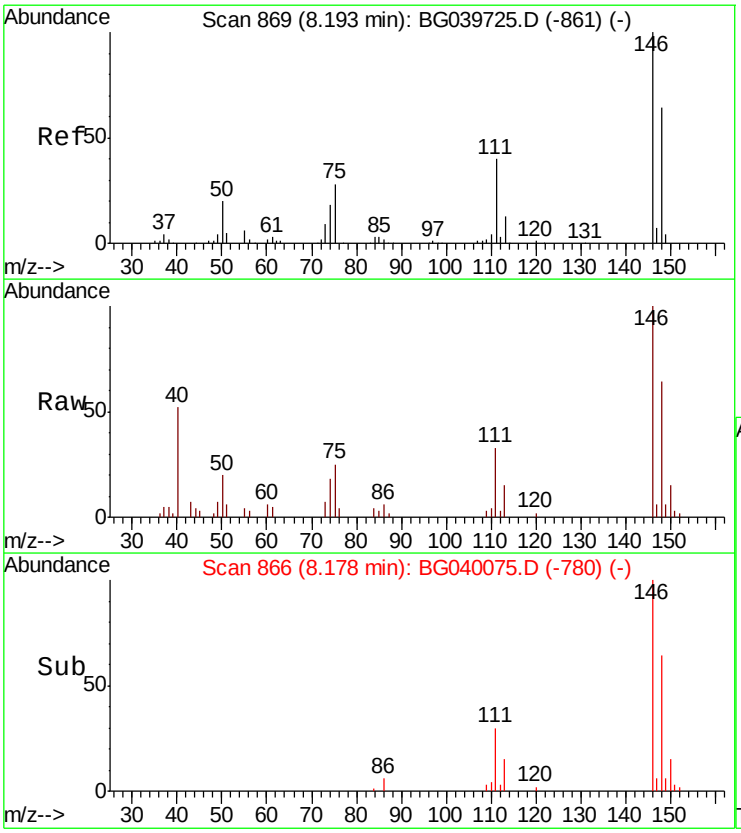
#7
Phenol-d6
Concen: 117.130 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion: 99 Resp: 362960

Ion	Ratio	Lower	Upper
99	100		
42	19.8	18.2	27.2
71	35.7	28.0	42.0

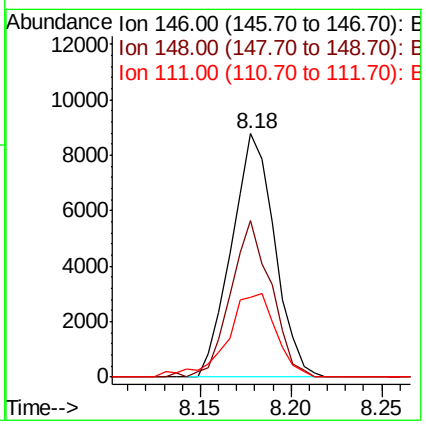


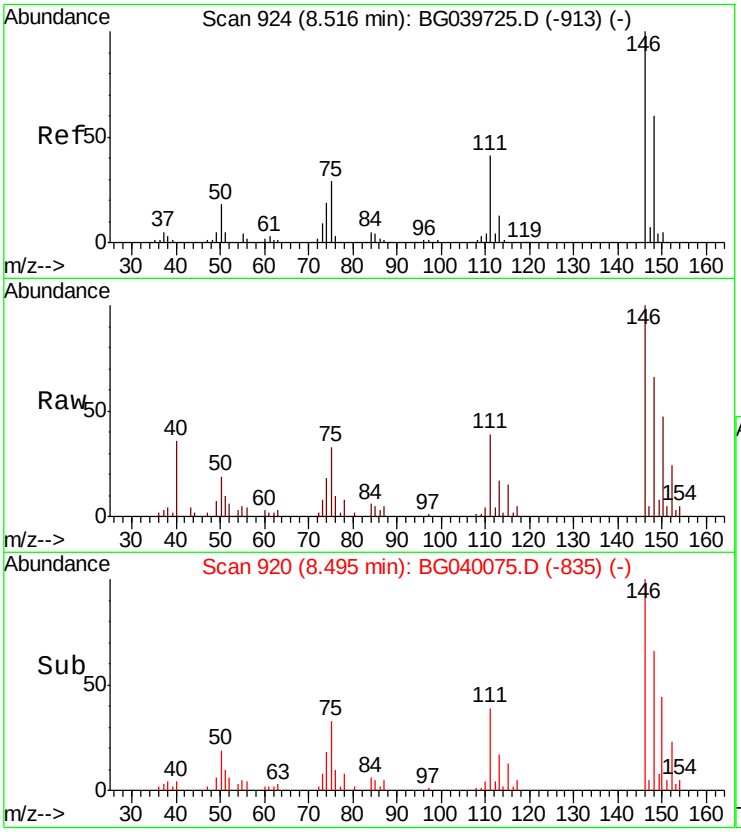


#13
1,4-Dichlorobenzene
Concen: 5.007 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:146 Resp: 14543

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	32.7	32.6	48.8



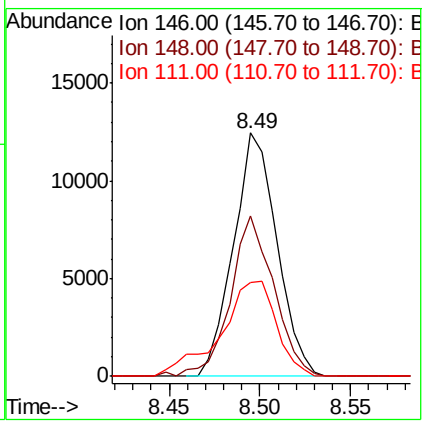


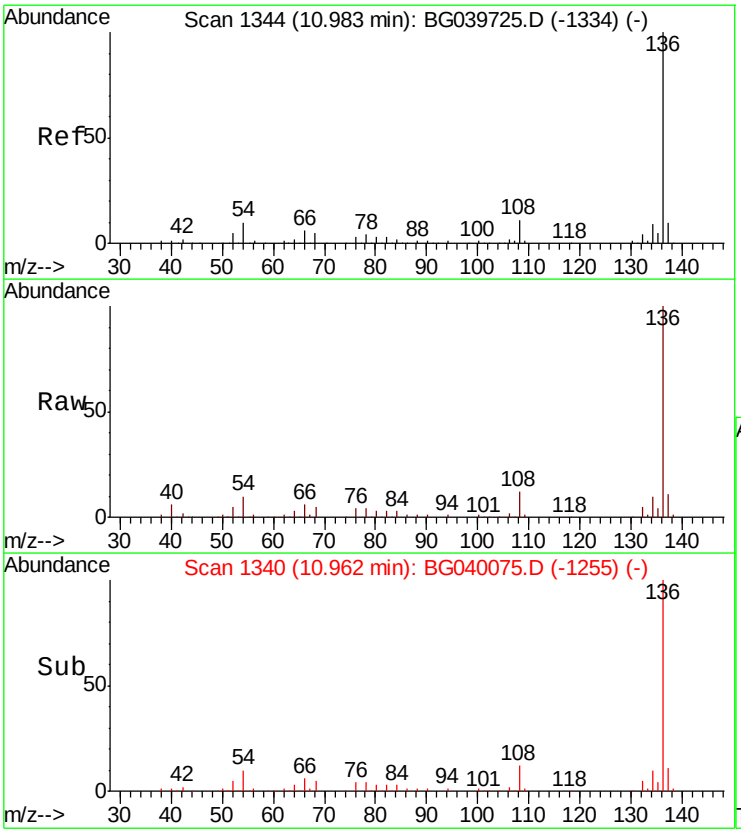
#14
1,2-Dichlorobenzene
Concen: 7.390 ng
RT: 8.49 min Scan# 920
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:146 Resp: 20740

Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.5	77.3
111	38.7	33.8	50.6

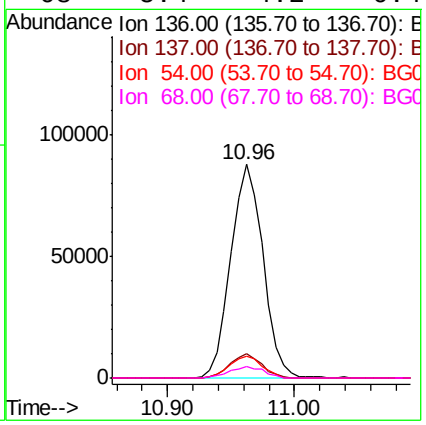


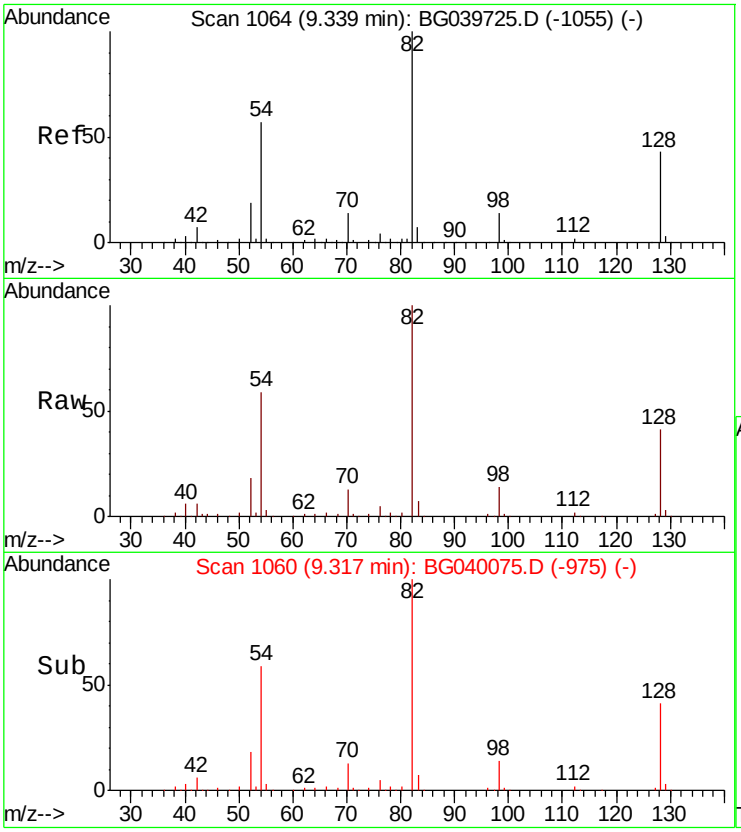


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:136 Resp: 154764

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.0	9.4	14.2
68	5.4	4.2	6.4



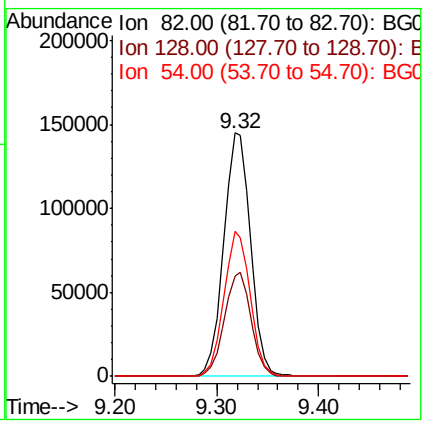


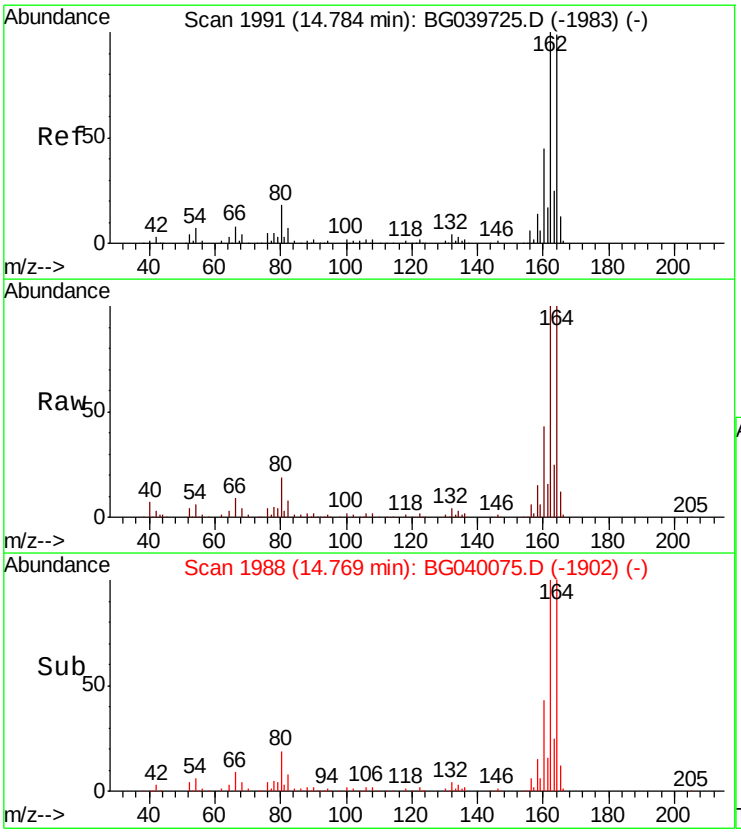
#23
Nitrobenzene-d5
Concen: 92.624 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion: 82 Resp: 265049

Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.3	46.9
54	59.4	50.9	76.3

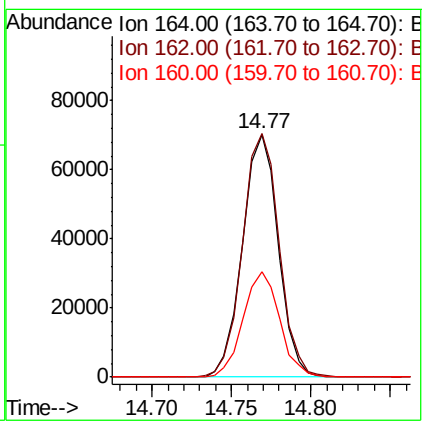


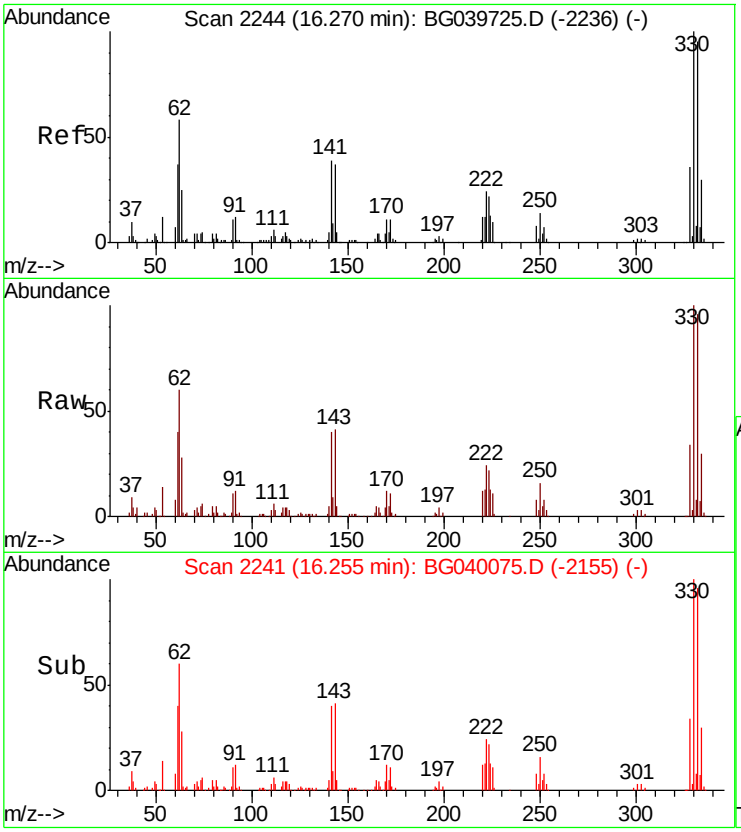


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:164 Resp: 109934

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.6	122.4
160	43.4	34.2	51.2



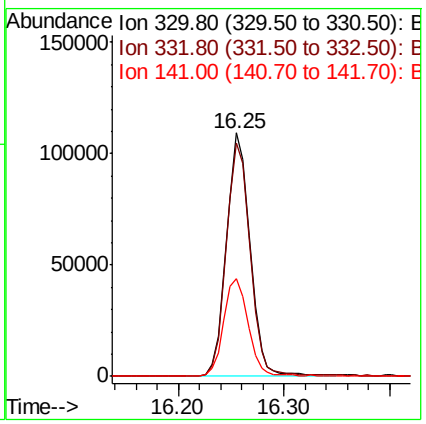


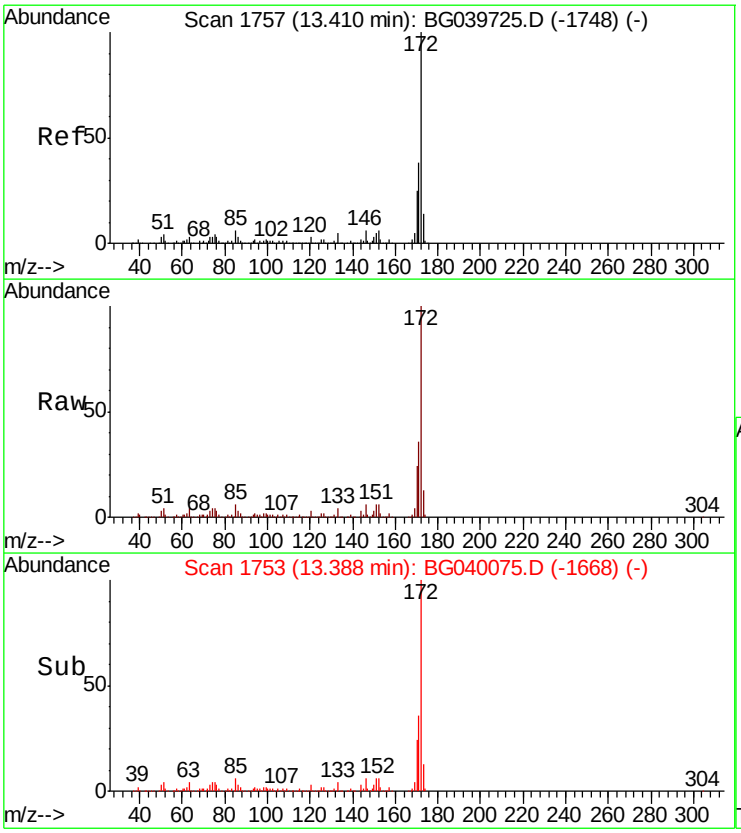
#42
2,4,6-Tribromophenol
Concen: 131.984 ng
RT: 16.25 min Scan# 2241
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:330 Resp: 169119

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.7	113.5
141	41.7	35.6	53.4

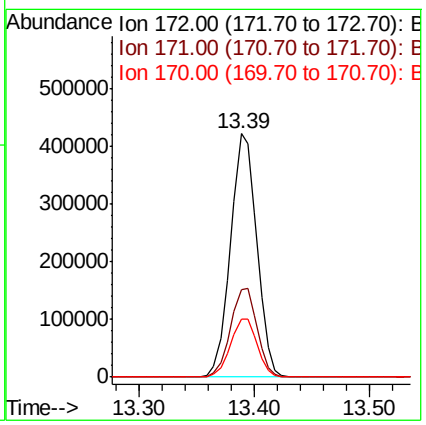


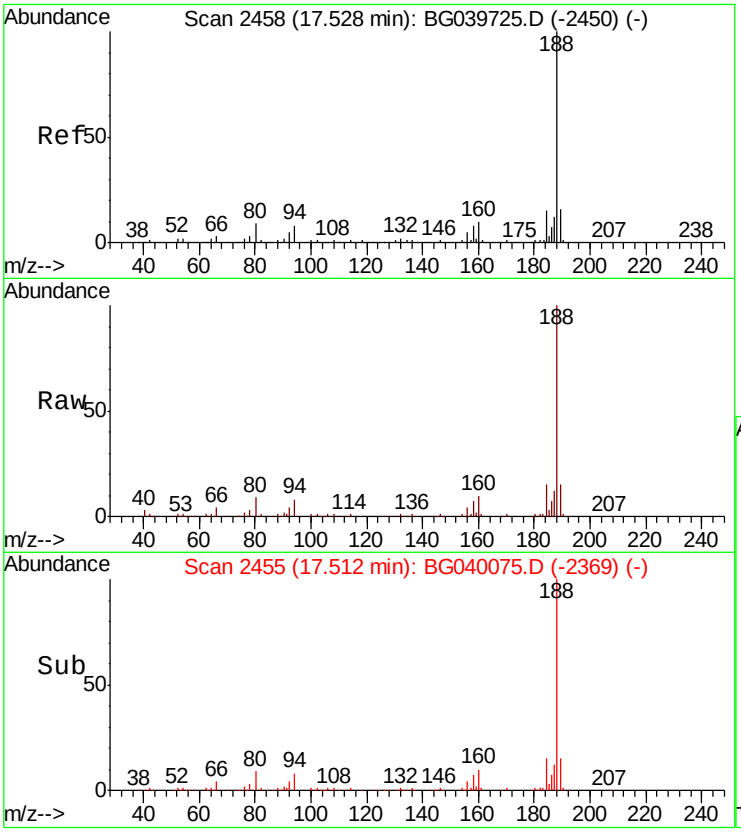


#45
2-Fluorobiphenyl
Concen: 86.055 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:172 Resp: 664431

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.8	46.2
170	23.7	20.2	30.4



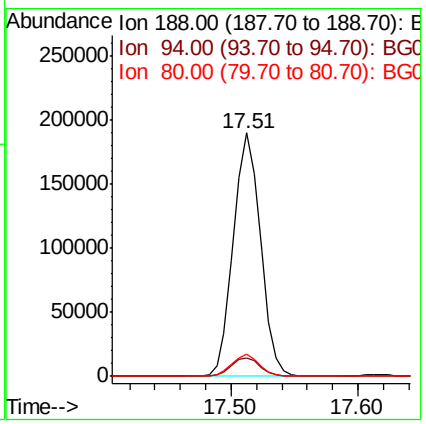


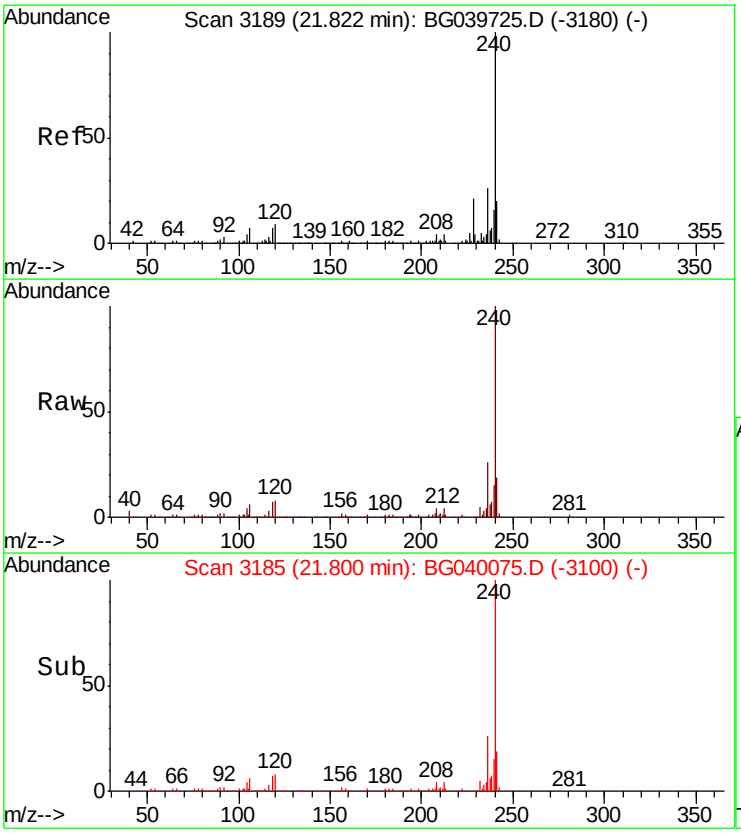
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:188 Resp: 281822

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	9.0	8.1	12.1

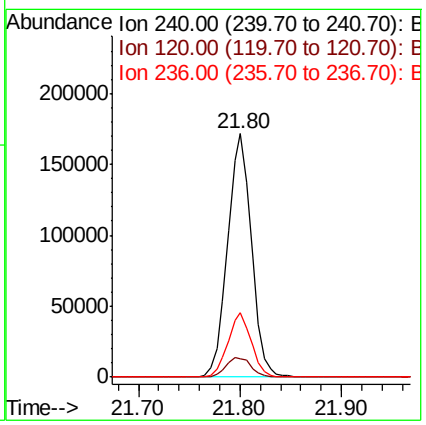


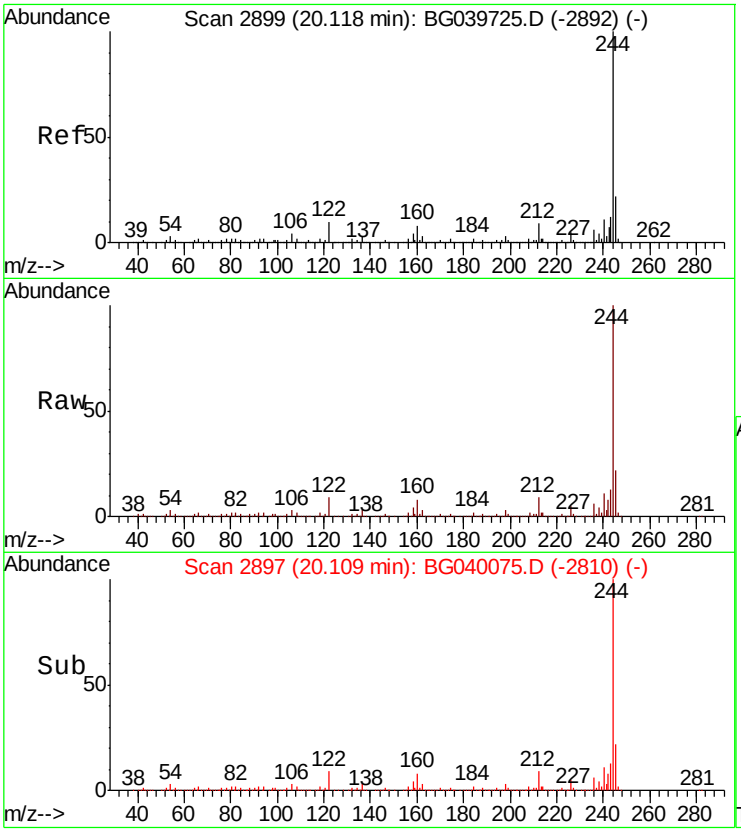


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:240 Resp: 279801

Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.0	10.6
236	26.2	21.0	31.4



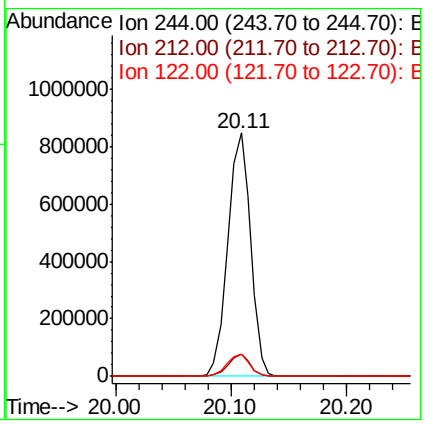


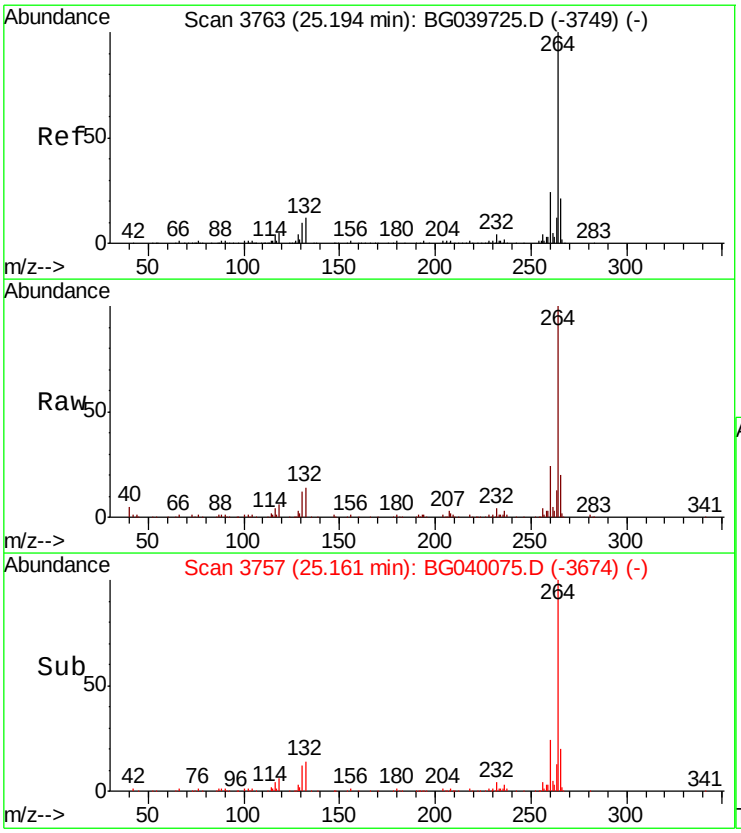
#79
Terphenyl-d14
Concen: 90.862 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Instrument :
BNA_G
ClientSampleId :
DRUM-1-2

Tgt Ion:244 Resp: 1154653

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.3	10.9
122	8.9	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040075.D
Acq: 21 Mar 2019 21:10

Tgt Ion:264 Resp: 282322

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	19.9	18.5	27.7