Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042617.D
Acq On : 31 Aug 2019 1:45
Operator : HP/JU
Sample : K4409-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S301-J-4.0-4.5-081919

Quant Time: Aug 31 05:18:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	39218	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	151944	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	112529	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	255443	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	267753	20.00	ng	-0.01
87) Perylene-d12	24.92	264	314682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	278107	143.62	ng	0.00
7) Phenol-d6	7.17	99	374749	143.27	ng	0.00
23) Nitrobenzene-d5	9.16	82	214189	97.41	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	236931	148.14	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	659292	99.09	ng	0.00
79) Terphenyl-d14	20.02	244	1089735	87.99	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	28218	10.610	ng	90
50) Dimethylphthalate	14.10	163	61748	7.605	ng	99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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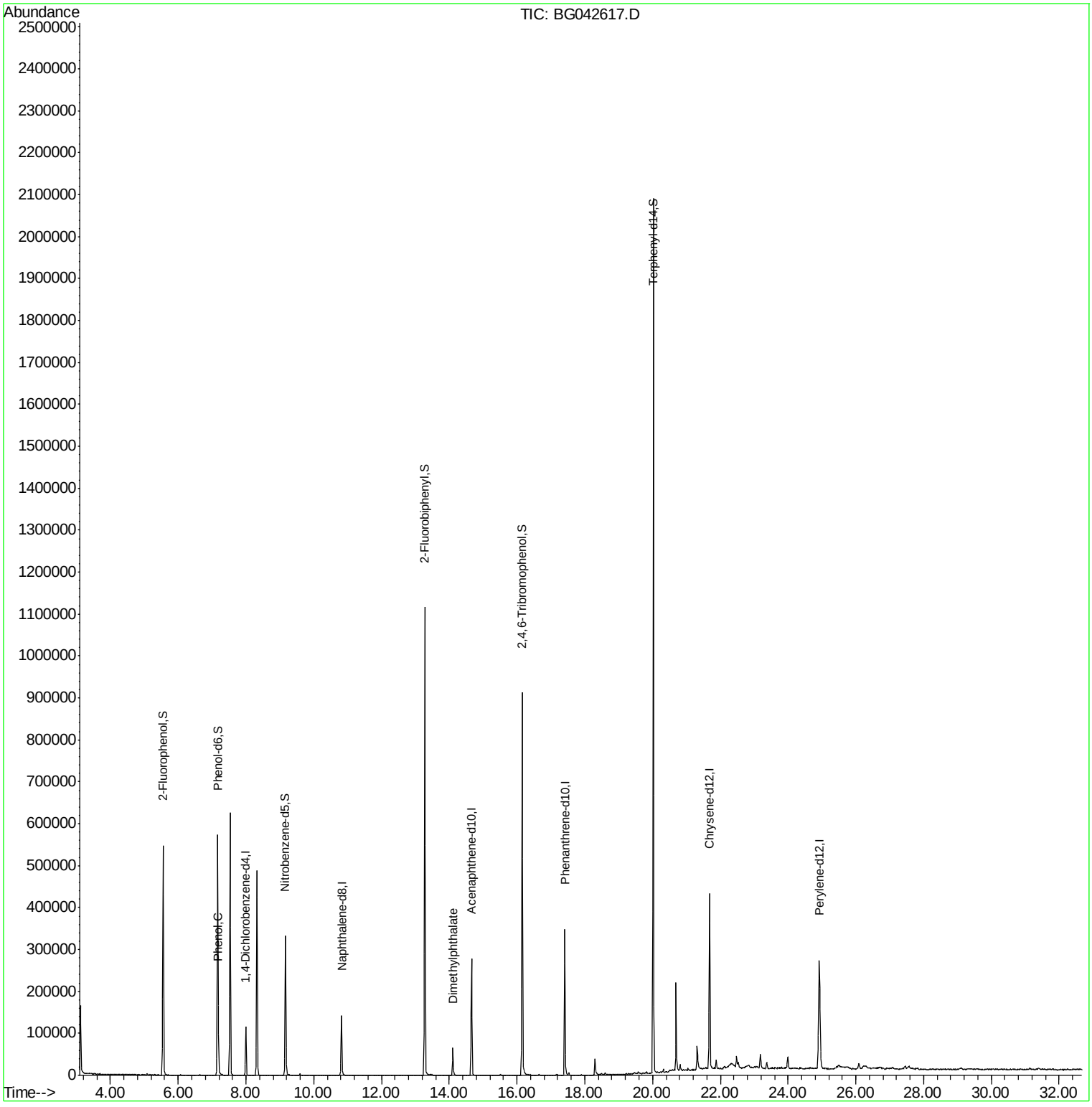
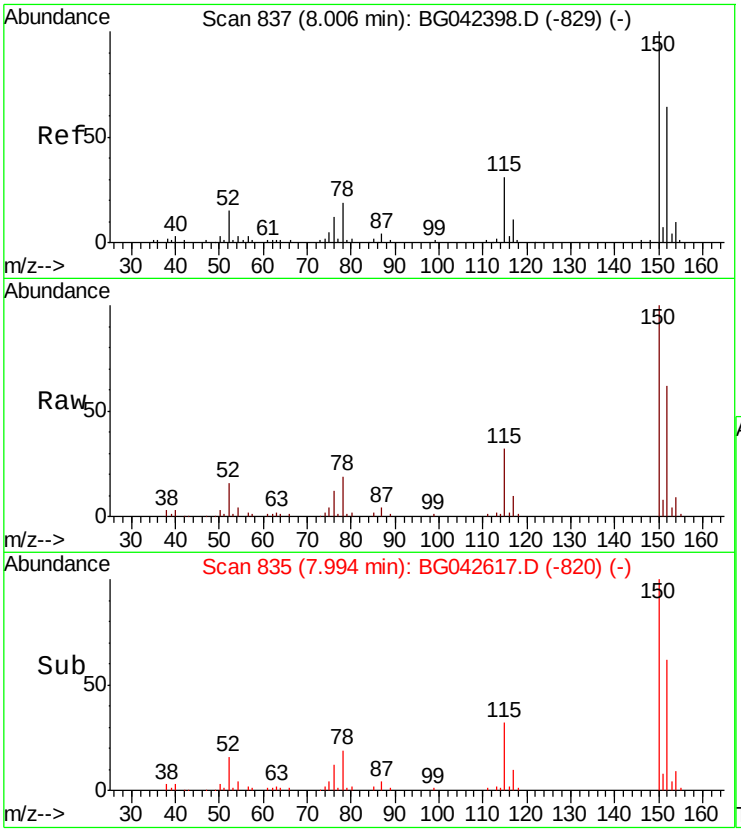
Response via : Initial Calibration



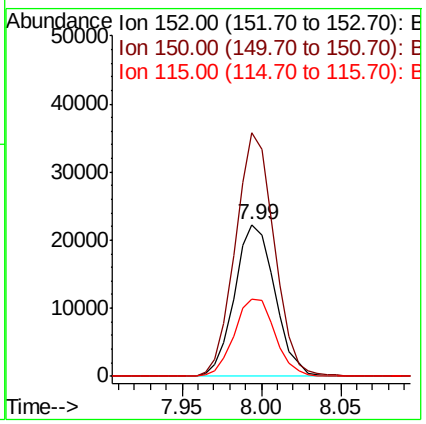


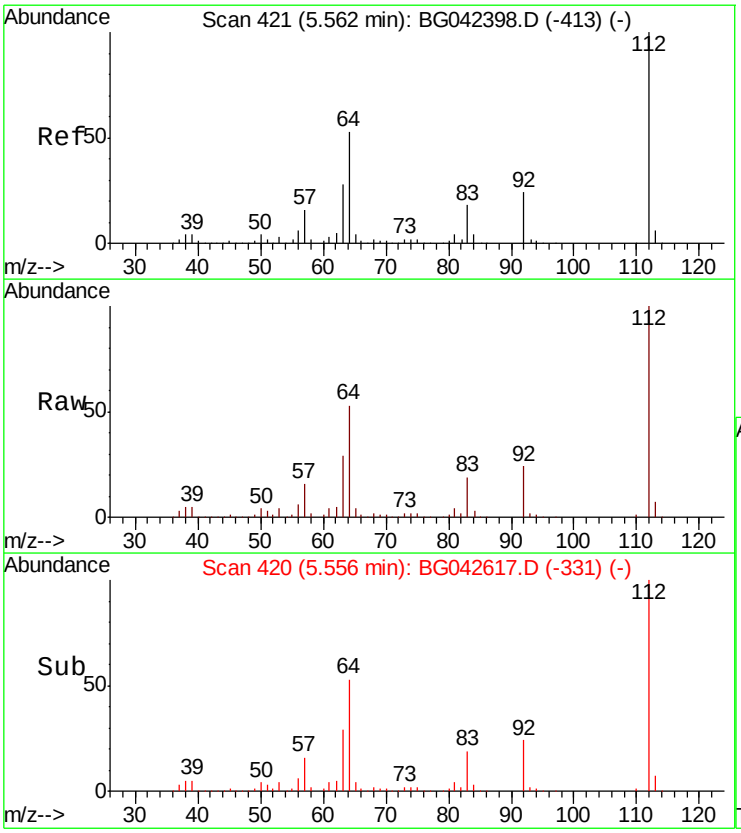
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Instrument :
BNA_G
ClientSampleId :
S301-J-4.0-4.5-081919

Tgt Ion:152 Resp: 39218

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.4	188.0
115	51.2	38.5	57.7

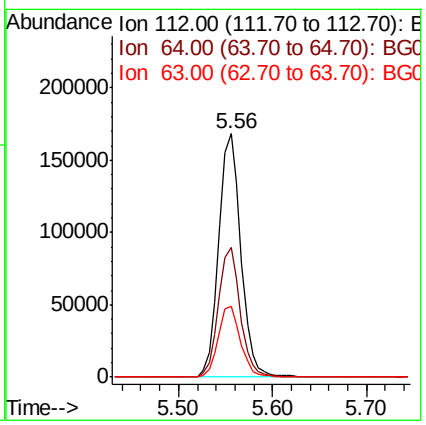


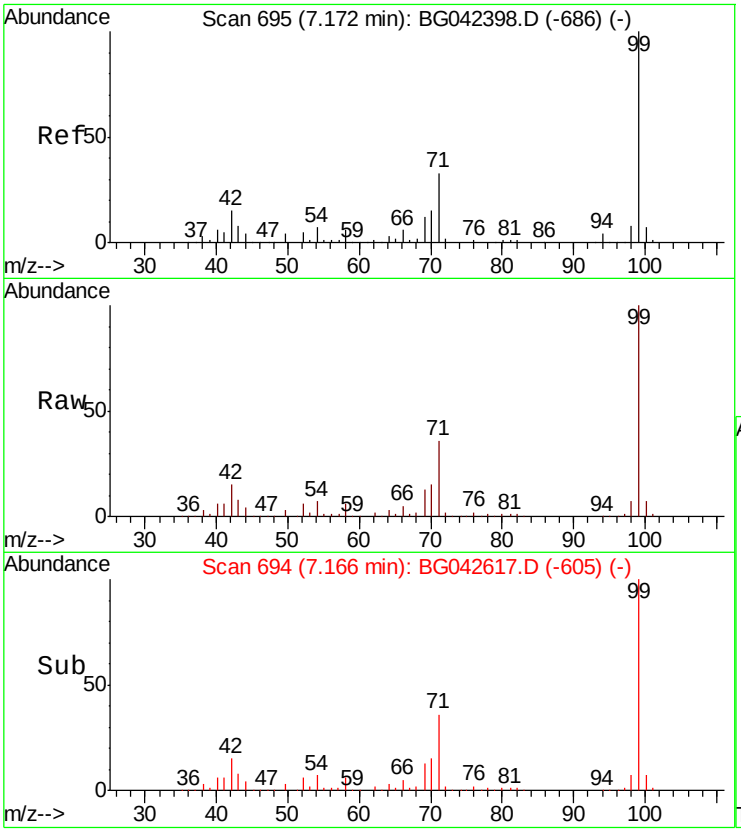


#5
2-Fluorophenol
Concen: 143.620 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Tgt Ion:112 Resp: 278107

Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.8	64.2
63	28.9	22.7	34.1



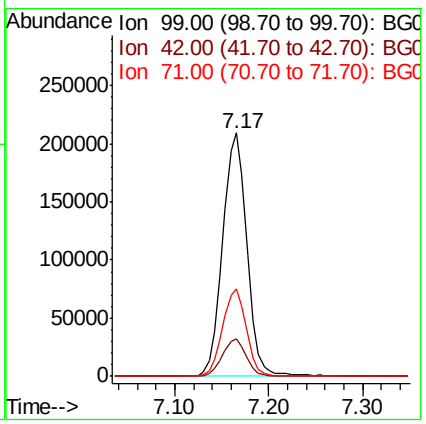


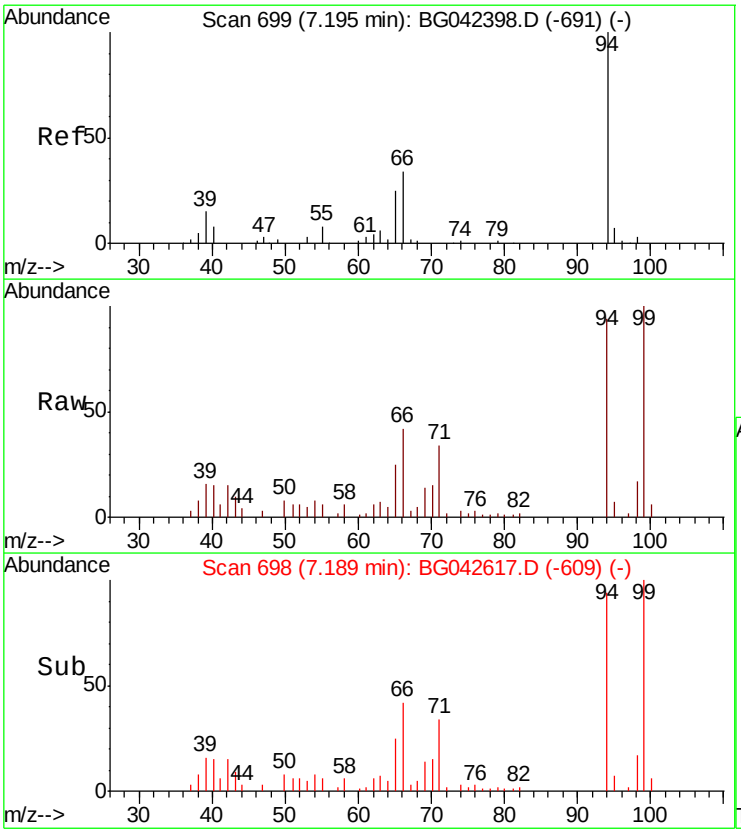
#7
Phenol-d6
Concen: 143.272 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Instrument :
BNA_G
ClientSampleId :
S301-J-4.0-4.5-081919

Tgt Ion: 99 Resp: 374749

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.0	18.0
71	35.8	26.3	39.5

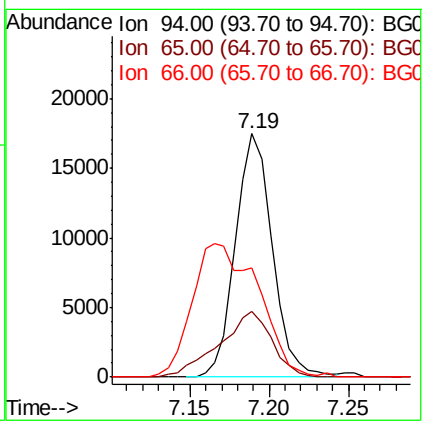


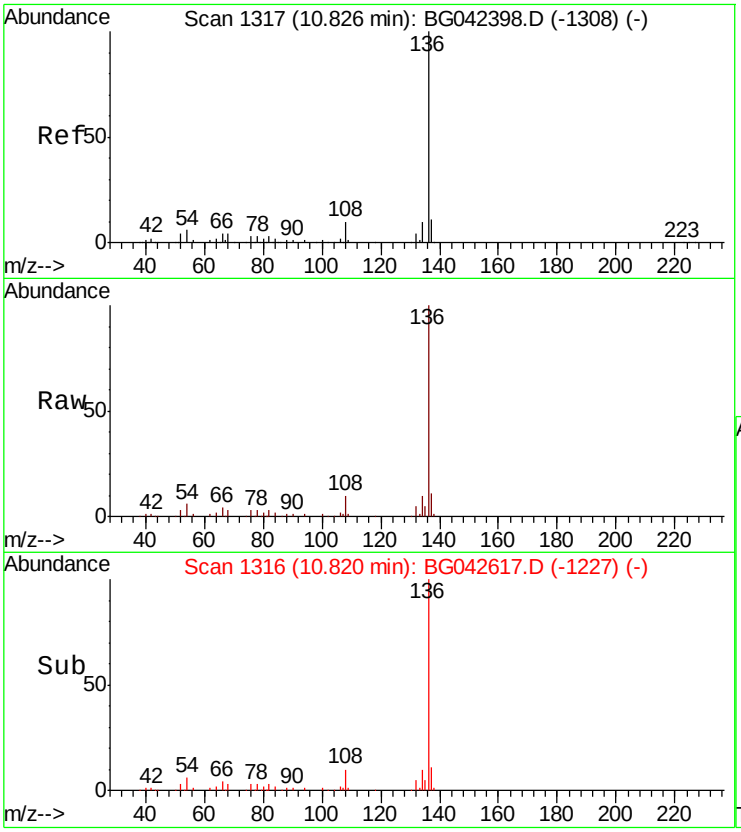


#10
Phenol
Concen: 10.610 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Tgt Ion: 94 Resp: 28218

Ion	Ratio	Lower	Upper
94	100		
65	26.7	5.6	45.6
66	45.0	16.0	56.0



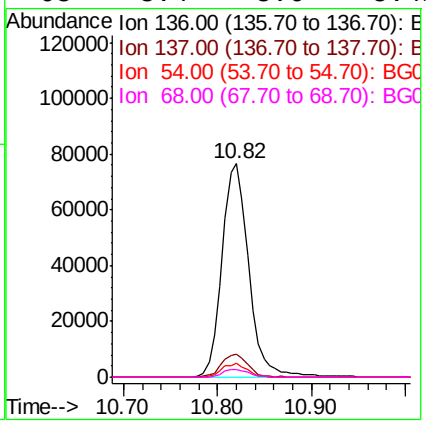


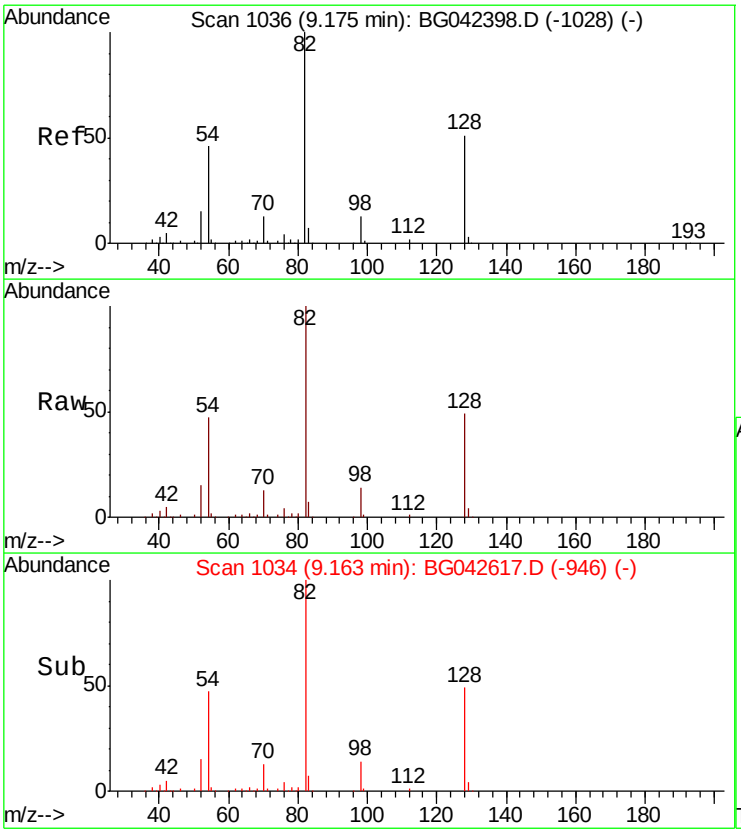
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Instrument :
BNA_G
ClientSampleId :
S301-J-4.0-4.5-081919

Tgt Ion:136 Resp: 151944

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.3	4.9	7.3
68	3.4	3.6	5.4#

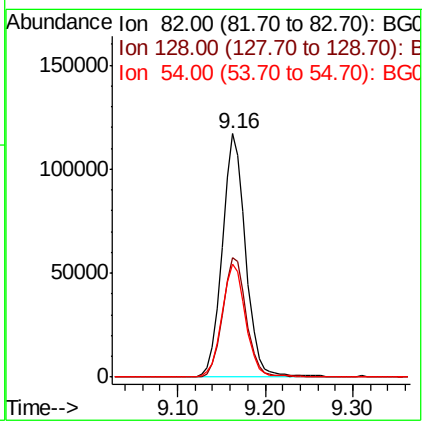


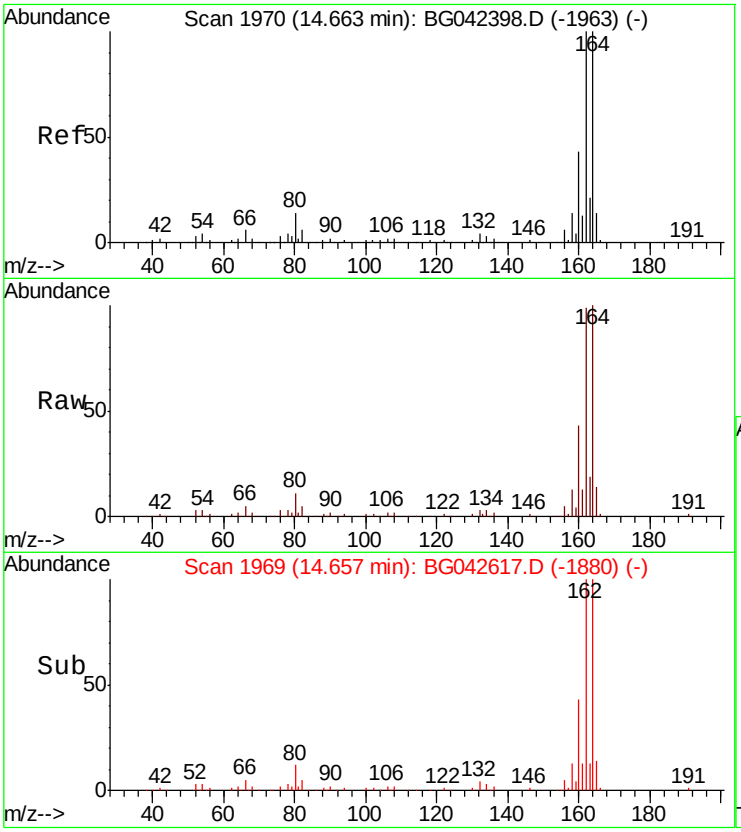


#23
Nitrobenzene-d5
Concen: 97.413 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Tgt Ion: 82 Resp: 214189

Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.7	61.1
54	46.6	36.3	54.5



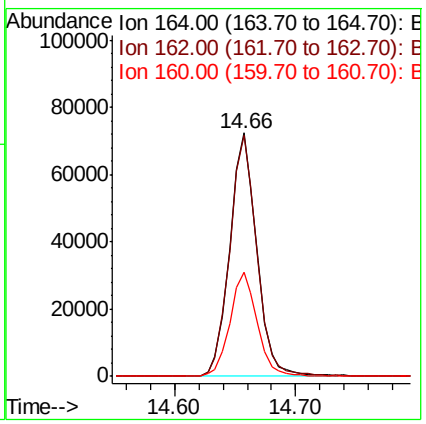


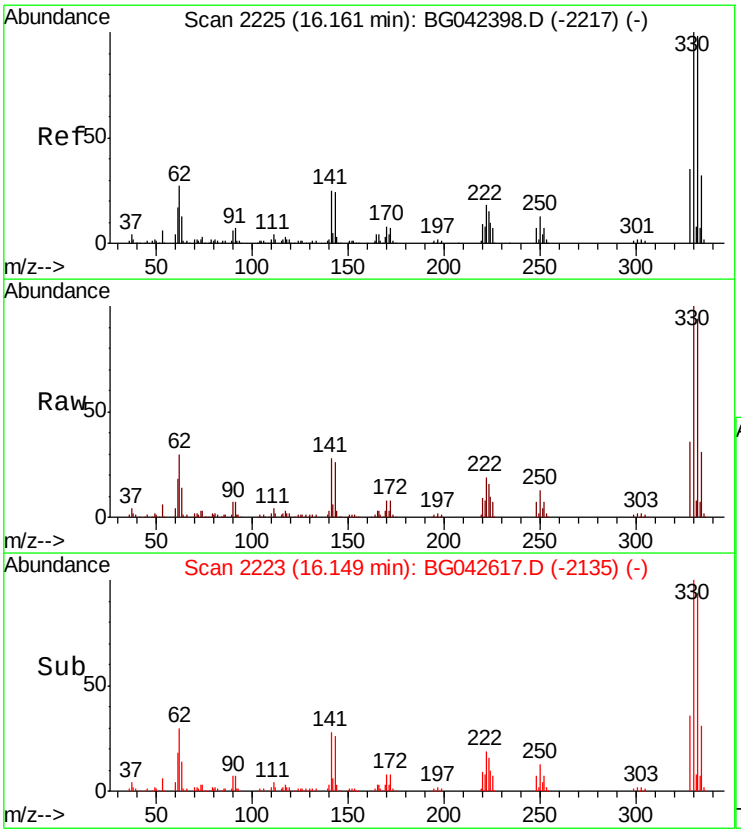
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Instrument :
BNA_G
ClientSampleId :
S301-J-4.0-4.5-081919

Tgt Ion:164 Resp: 112529

Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.9	119.9
160	42.8	34.3	51.5

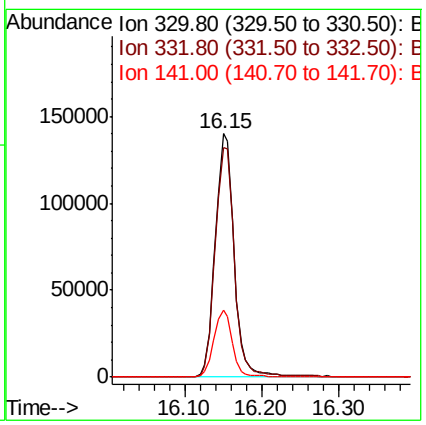


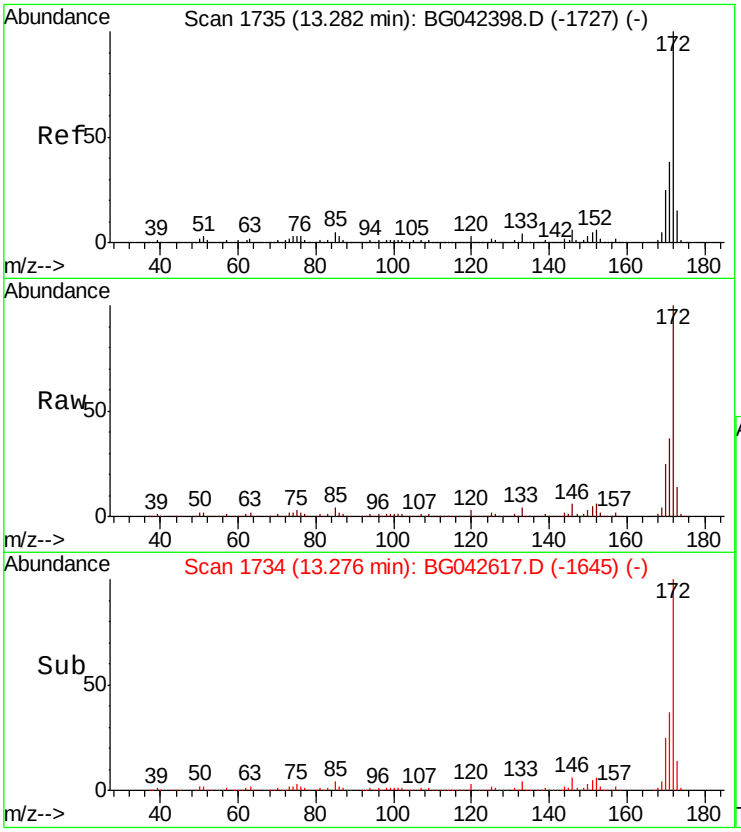


#42
2,4,6-Tribromophenol
Concen: 148.136 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Tgt Ion:330 Resp: 236931

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.0
141	27.0	21.4	32.0



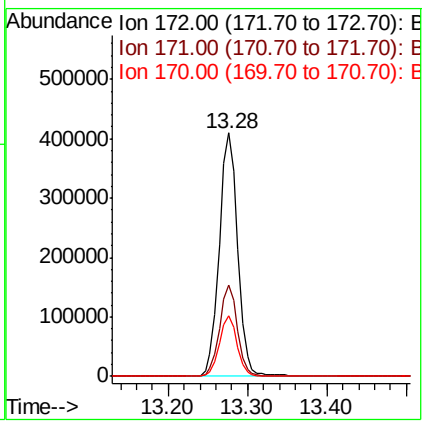


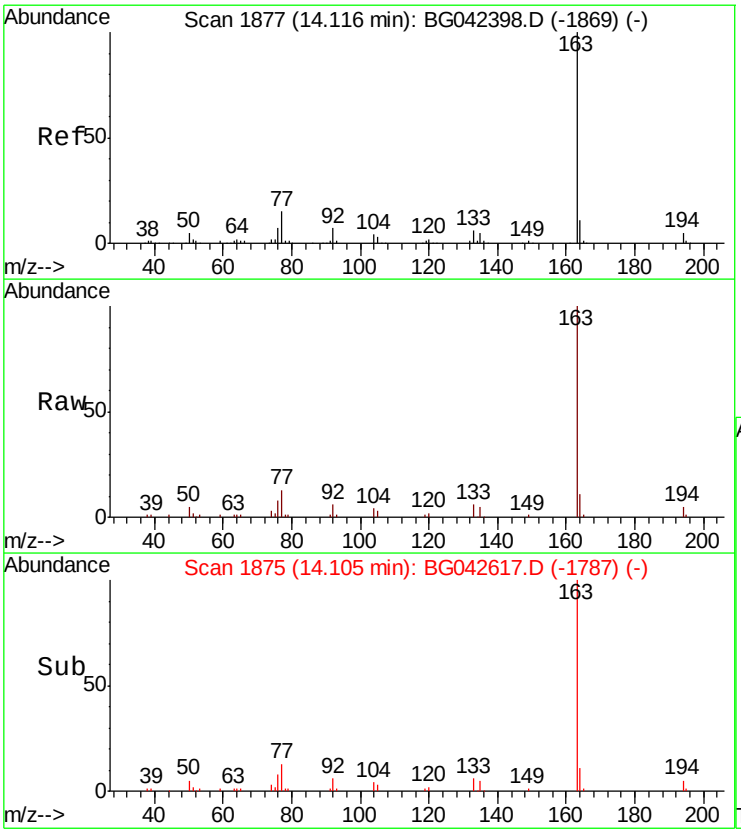
#45
2-Fluorobiphenyl
Concen: 99.090 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Instrument :
BNA_G
ClientSampleId :
S301-J-4.0-4.5-081919

Tgt Ion:172 Resp: 659292

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.5	45.7
170	24.6	20.2	30.2

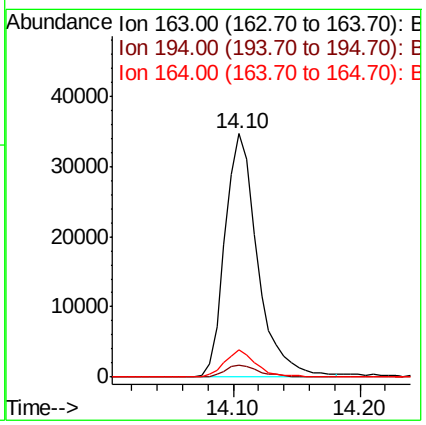


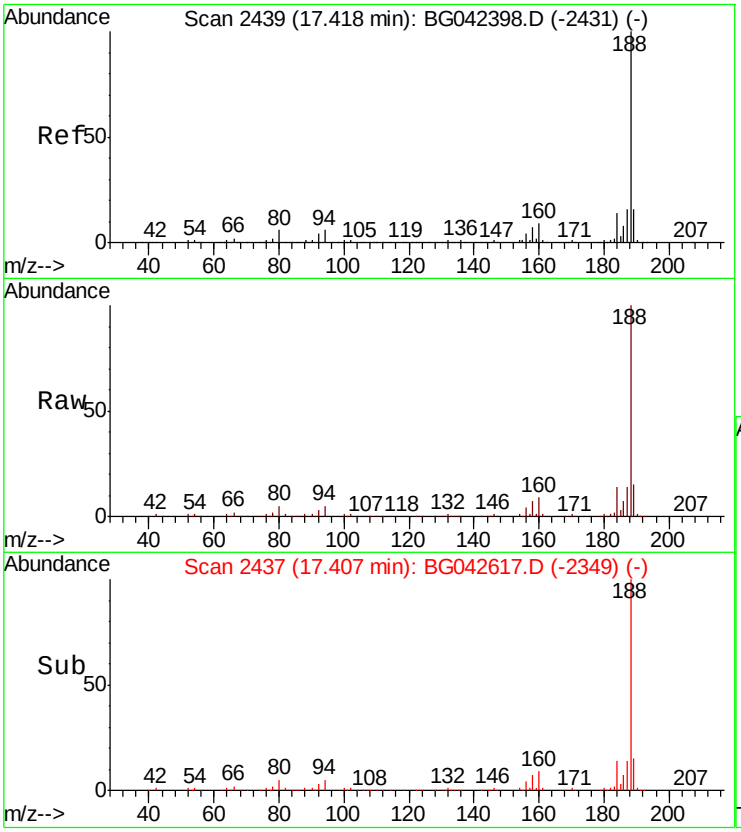


#50
Dimethylphthalate
Concen: 7.605 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Tgt Ion:163 Resp: 61748

Ion	Ratio	Lower	Upper
163	100		
194	5.0	4.2	6.2
164	11.4	8.8	13.2



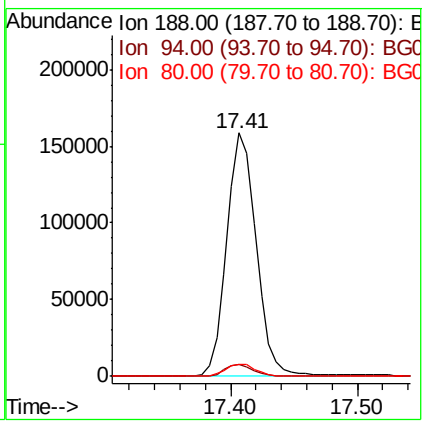


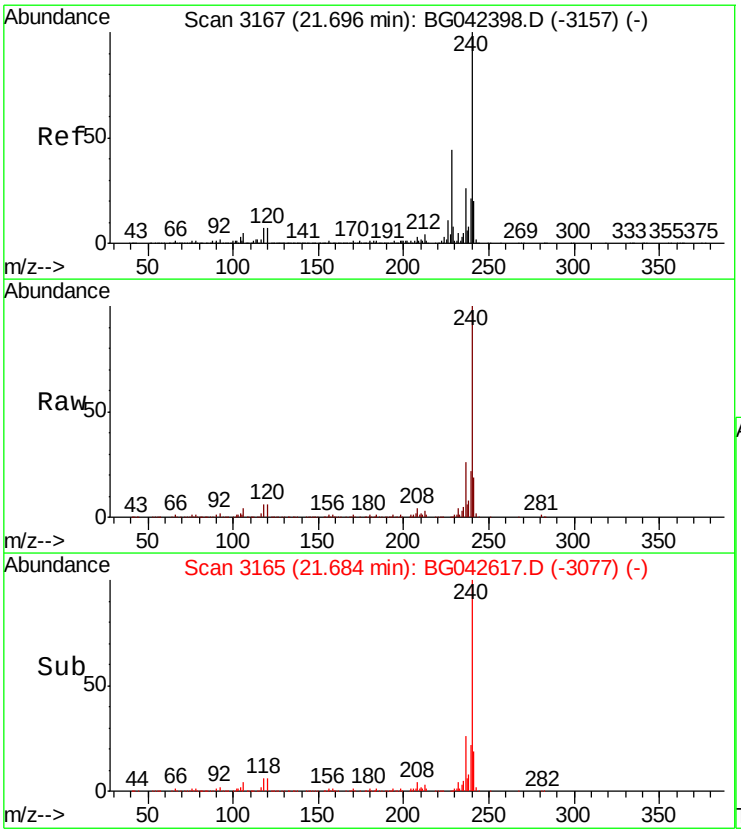
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Instrument :
BNA_G
ClientSampleId :
S301-J-4.0-4.5-081919

Tgt Ion:188 Resp: 255443

Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.5	6.7
80	5.0	4.9	7.3

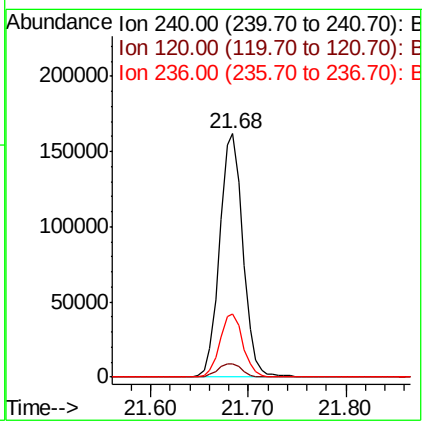


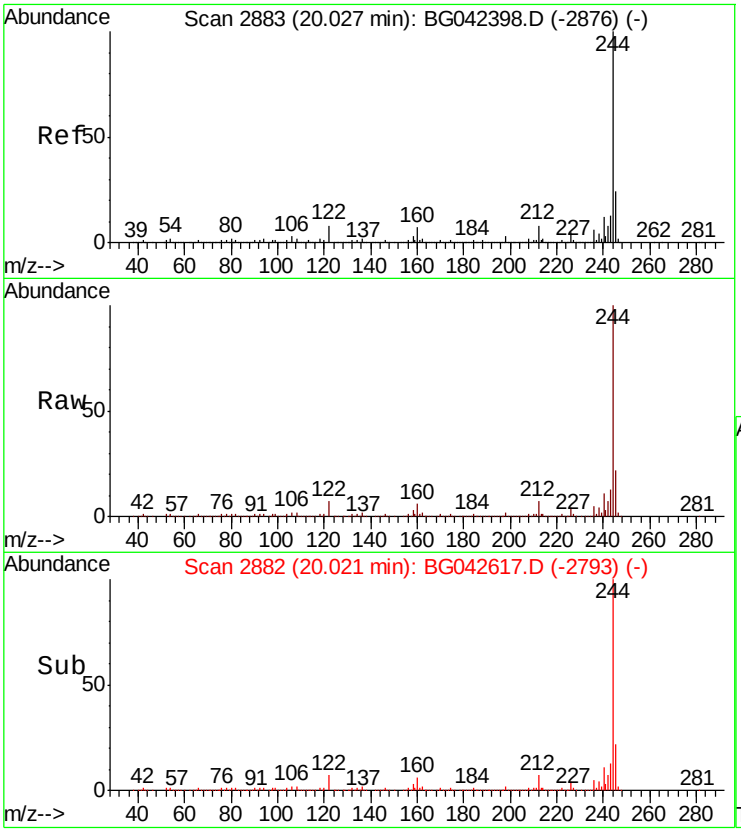


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Tgt Ion:240 Resp: 267753

Ion	Ratio	Lower	Upper
240	100		
120	5.7	5.7	8.5#
236	26.1	21.0	31.4



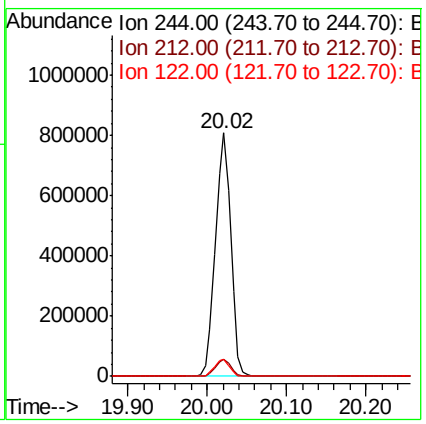


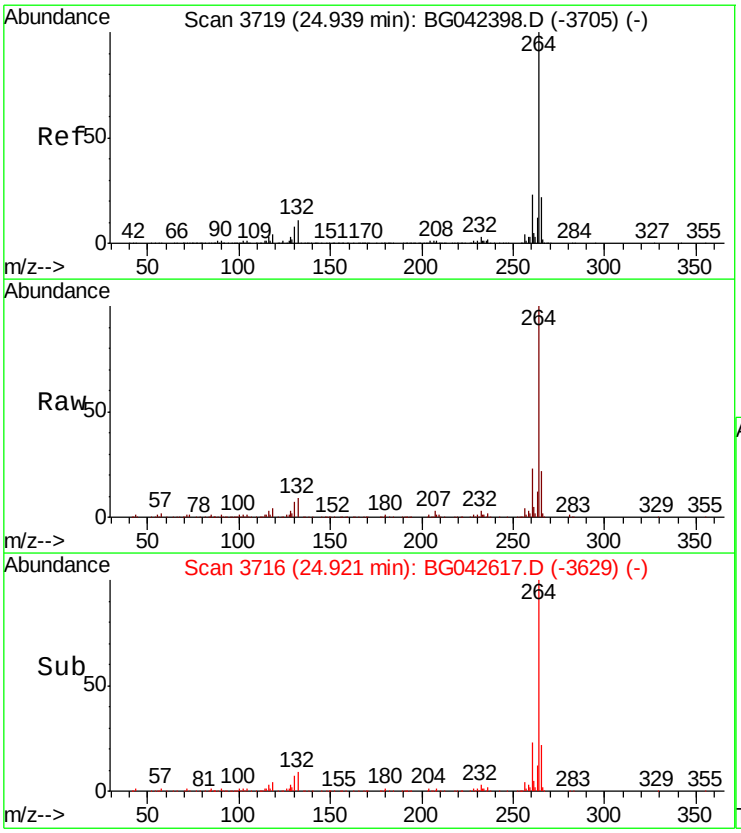
#79
Terphenyl-d14
Concen: 87.989 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Instrument :
BNA_G
ClientSampleId :
S301-J-4.0-4.5-081919

Tgt Ion:244 Resp: 1089735

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	6.8	6.7	10.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG042617.D
Acq: 31 Aug 2019 1:45

Tgt Ion:264 Resp: 314682

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.5	27.7
265	21.6	17.6	26.4