Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042580.D
Acq On : 30 Aug 2019 00:40
Operator : HP/JU
Sample : K4514-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S602-M-2.0-2.5-082319

Quant Time: Aug 30 06:22:32 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	8.00	152	34880	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	135268	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	99222	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	233495	20.00	ng	-0.01
76) Chrysene-d12	21.69	240	248061	20.00	ng	-0.01
87) Perylene-d12	24.92	264	295922	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	160948	93.45	ng	0.00
7) Phenol-d6	7.16	99	213231	91.66	ng	-0.01
23) Nitrobenzene-d5	9.16	82	117764	60.16	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	106523	75.53	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	255726	43.59	ng	0.00
79) Terphenyl-d14	20.02	244	429567	37.44	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.19	94	12401	5.243	ng	88
50) Dimethylphthalate	14.11	163	44139	6.165	ng	98

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

Quantitation Report (QT Reviewed)

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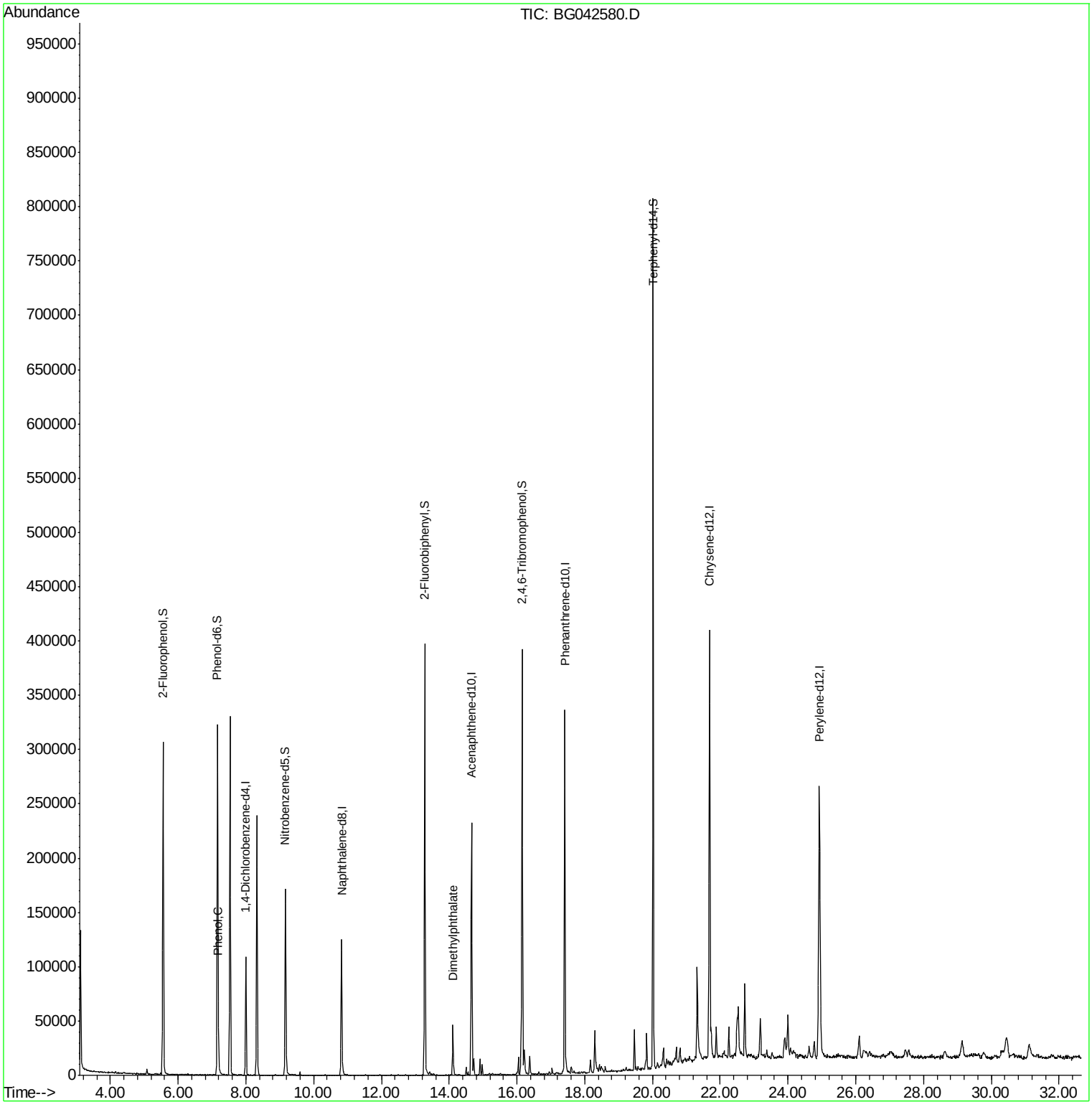
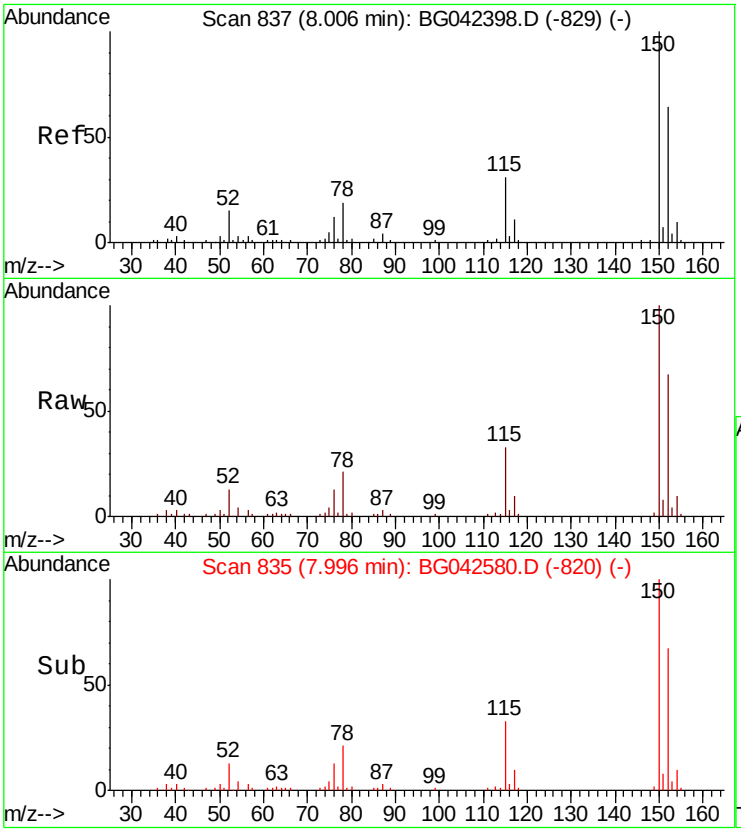


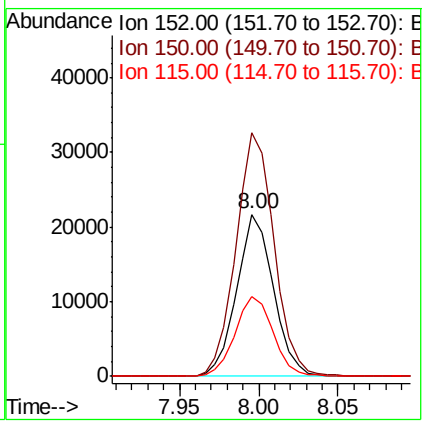


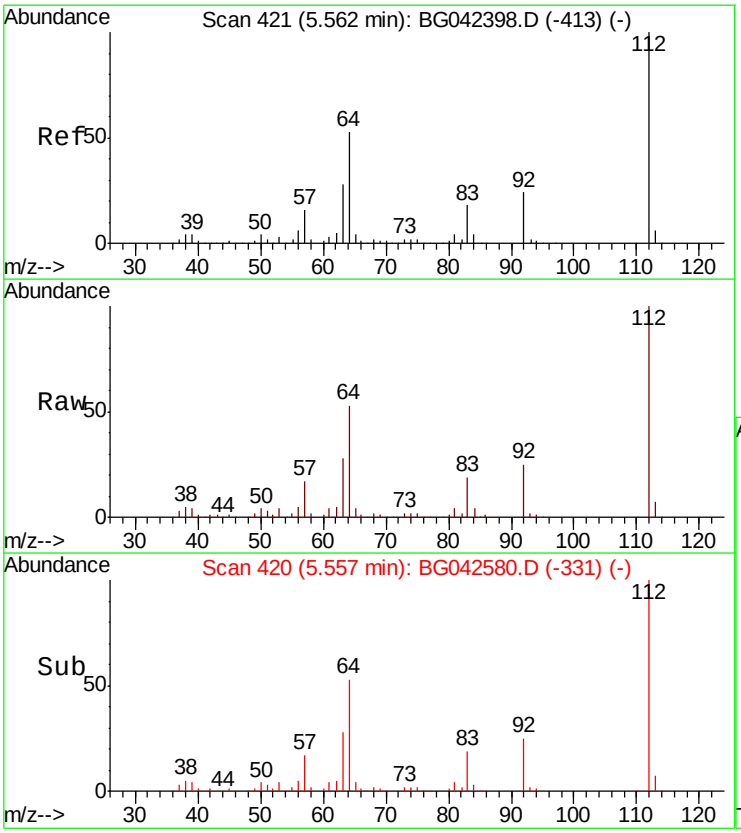
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Instrument :
BNA_G
ClientSampleId :
S602-M-2.0-2.5-082319

Tgt Ion:152 Resp: 34880

Ion	Ratio	Lower	Upper
152	100		
150	150.2	125.4	188.0
115	49.2	38.5	57.7

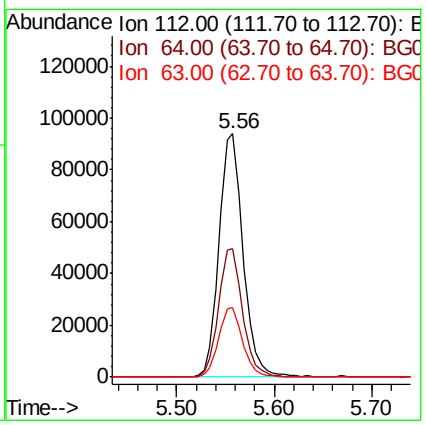


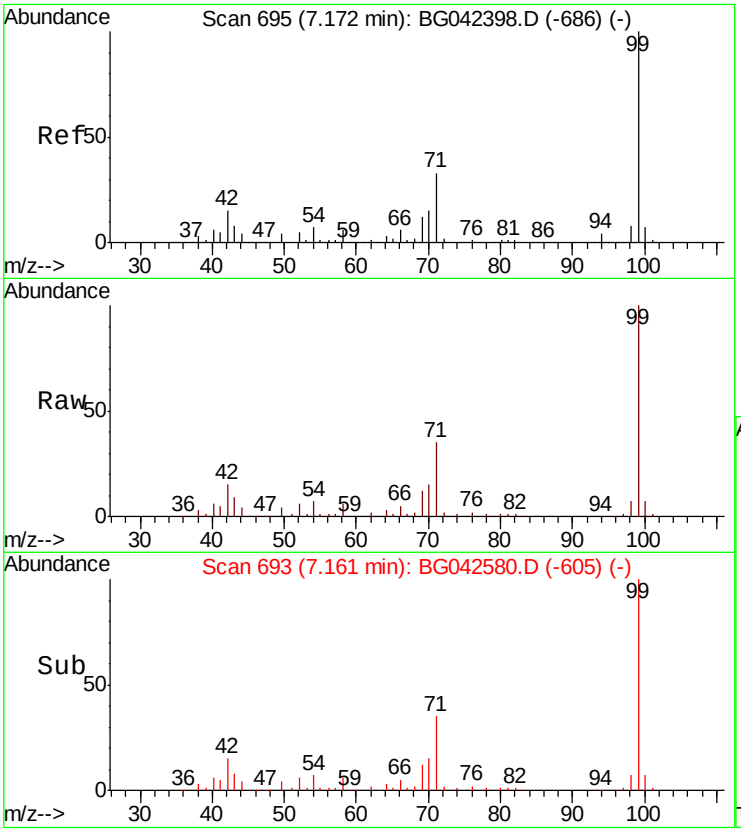


#5
2-Fluorophenol
Concen: 93.454 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Tgt Ion:112 Resp: 160948

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.8	64.2
63	28.5	22.7	34.1



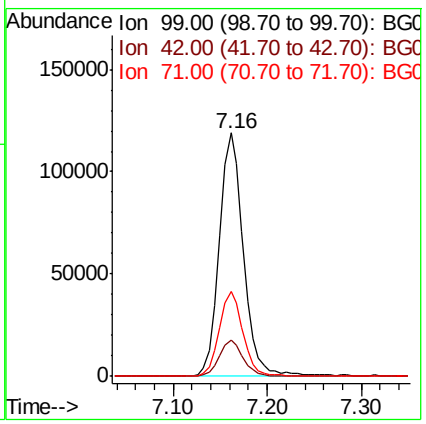


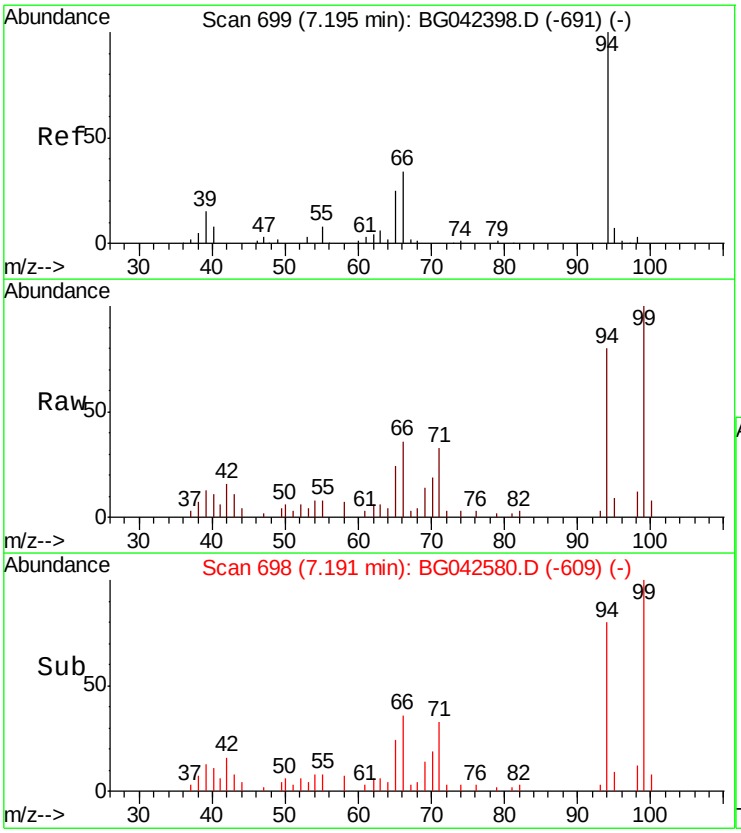
#7
Phenol-d6
Concen: 91.660 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Instrument :
BNA_G
ClientSampleId :
S602-M-2.0-2.5-082319

Tgt Ion: 99 Resp: 213231

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.0	18.0
71	34.8	26.3	39.5

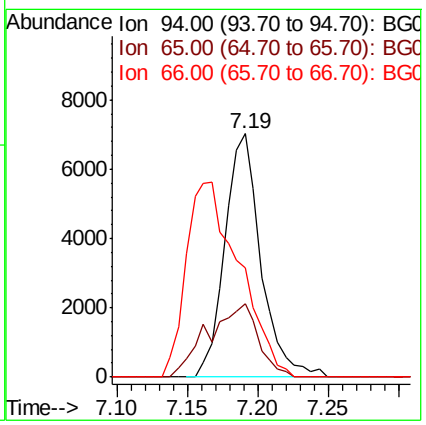


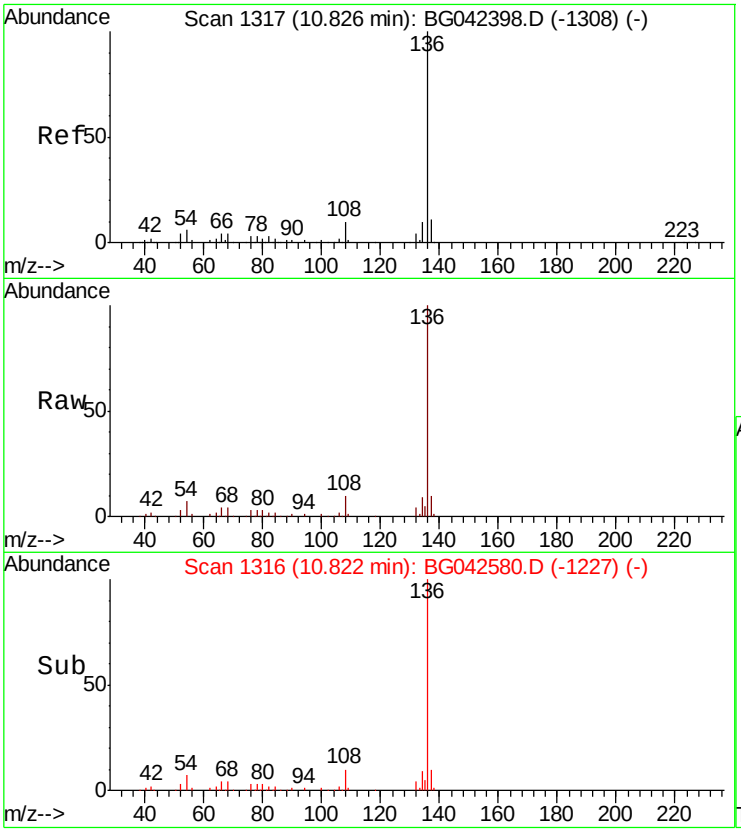


#10
Phenol
Concen: 5.243 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Tgt Ion: 94 Resp: 12401

Ion	Ratio	Lower	Upper
94	100		
65	30.0	5.6	45.6
66	44.8	16.0	56.0



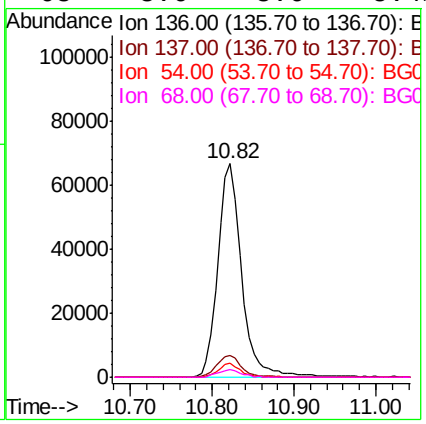


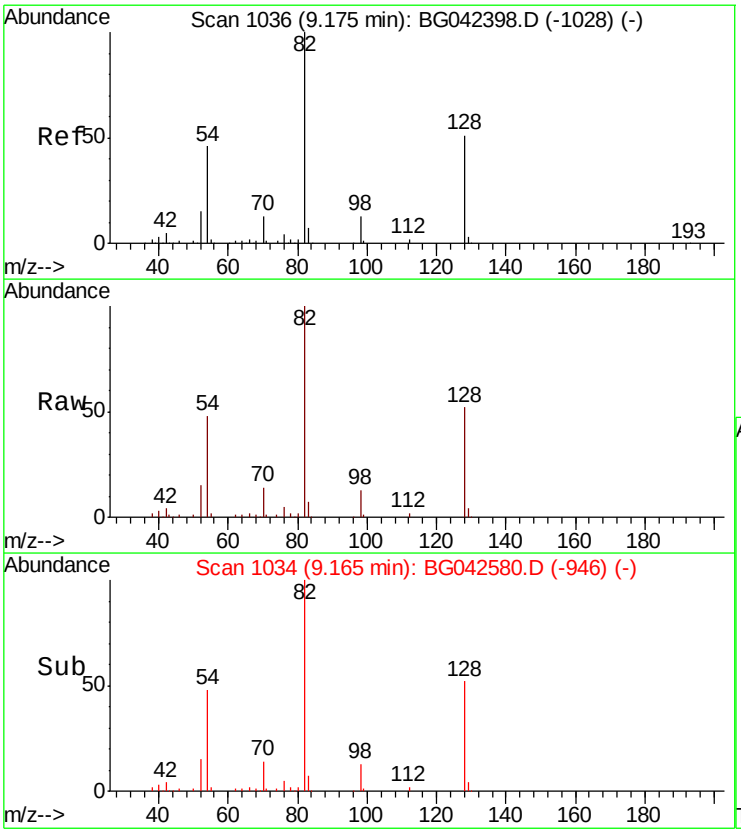
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Instrument :
BNA_G
ClientSampleId :
S602-M-2.0-2.5-082319

Tgt Ion:136 Resp: 135268

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.7	13.1
54	6.5	4.9	7.3
68	3.6	3.6	5.4#

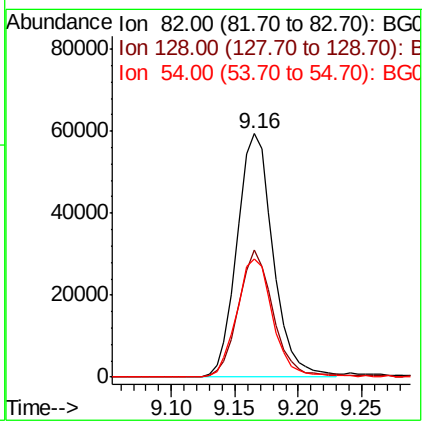


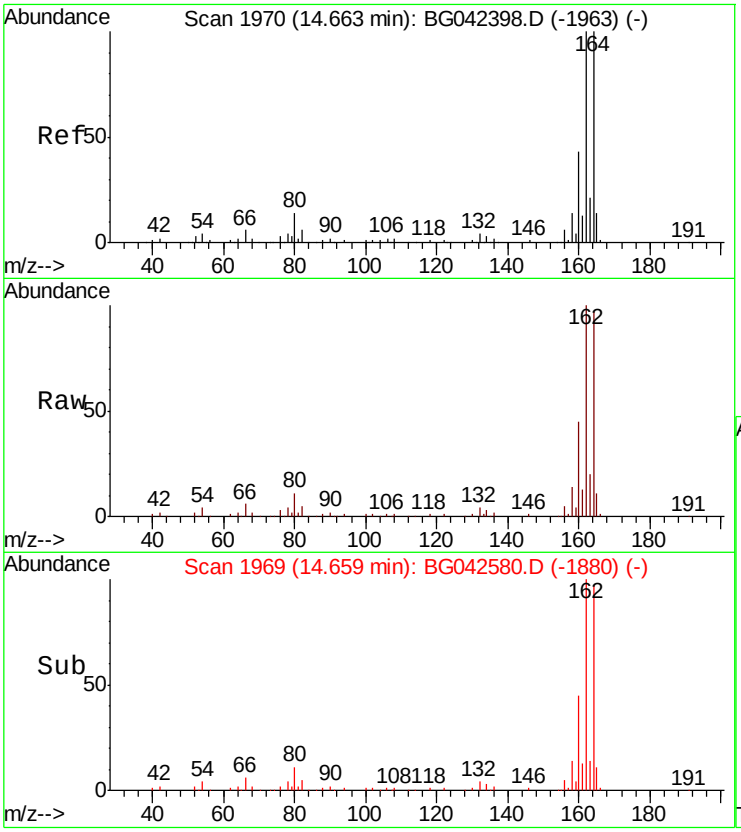


#23
Nitrobenzene-d5
Concen: 60.162 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Tgt Ion: 82 Resp: 117764

Ion	Ratio	Lower	Upper
82	100		
128	52.1	40.7	61.1
54	48.5	36.3	54.5



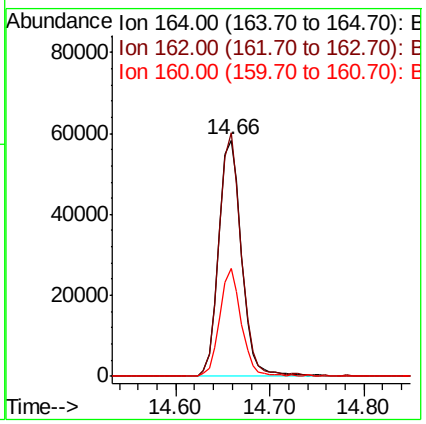


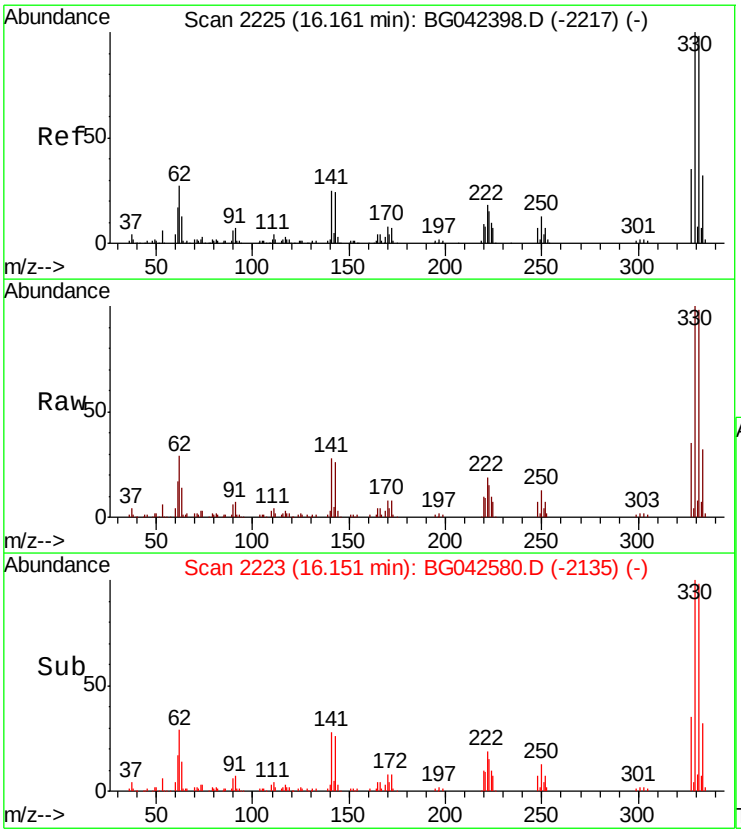
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Instrument :
BNA_G
ClientSampleId :
S602-M-2.0-2.5-082319

Tgt Ion:164 Resp: 99222

Ion	Ratio	Lower	Upper
164	100		
162	102.9	79.9	119.9
160	45.9	34.3	51.5

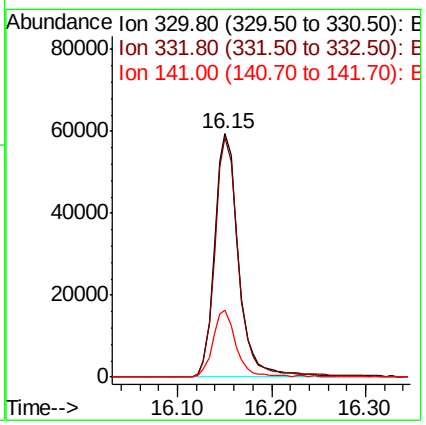


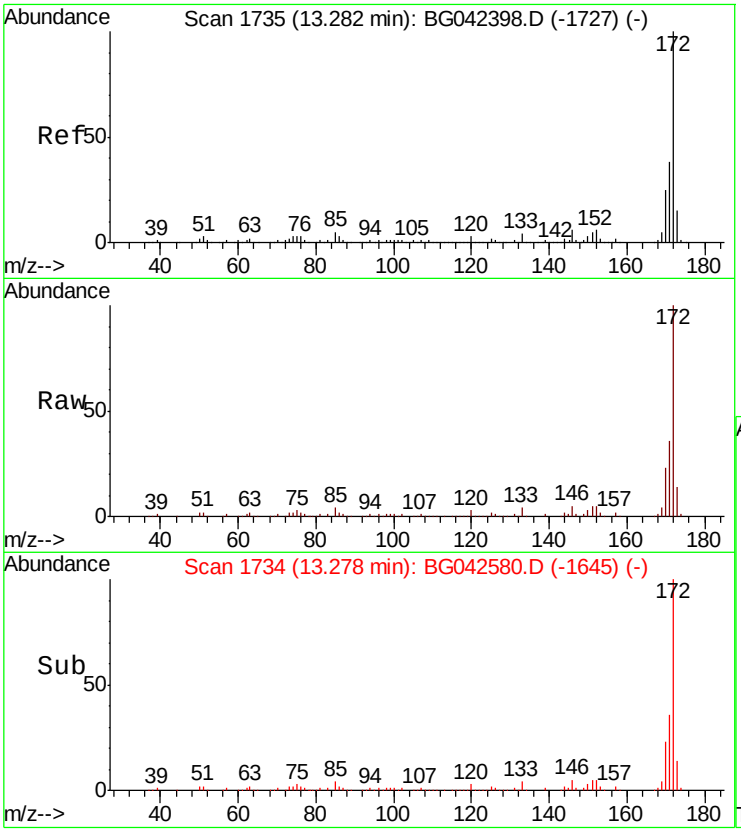


#42
2,4,6-Tribromophenol
Concen: 75.533 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Tgt Ion:330 Resp: 106523

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.4	116.0
141	26.7	21.4	32.0



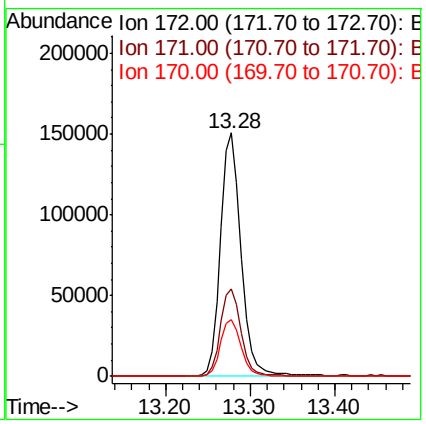


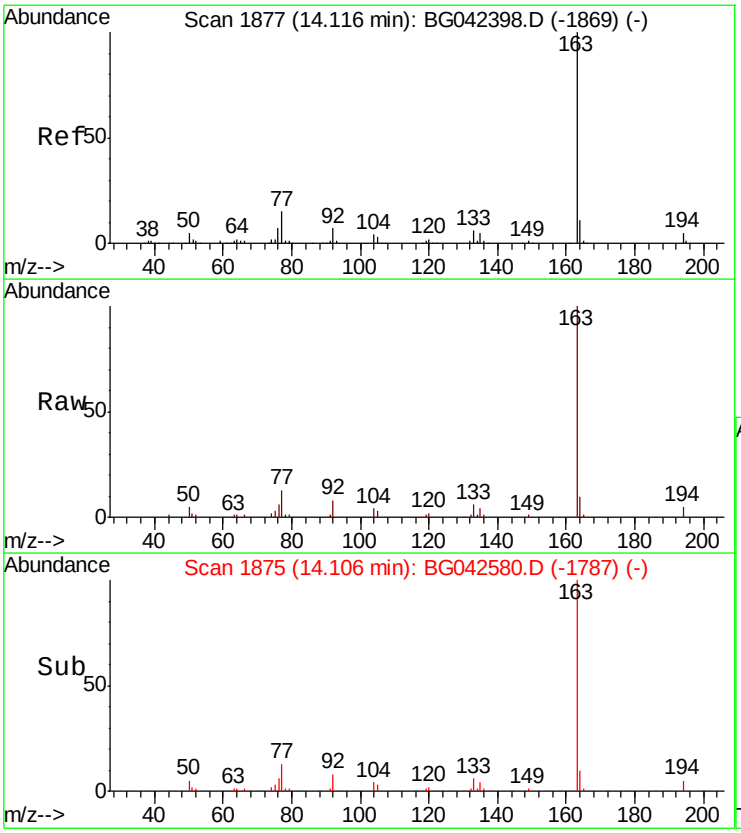
#45
2-Fluorobiphenyl
Concen: 43.590 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Instrument :
BNA_G
ClientSampleId :
S602-M-2.0-2.5-082319

Tgt Ion:172 Resp: 255726

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.5	45.7
170	23.3	20.2	30.2

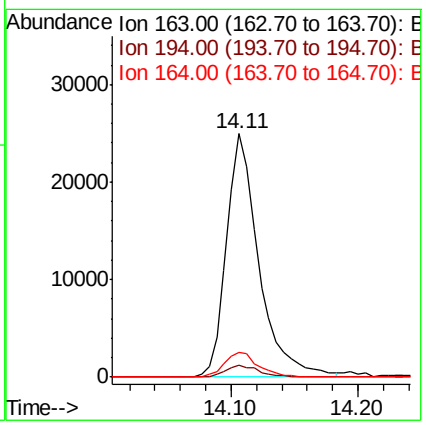


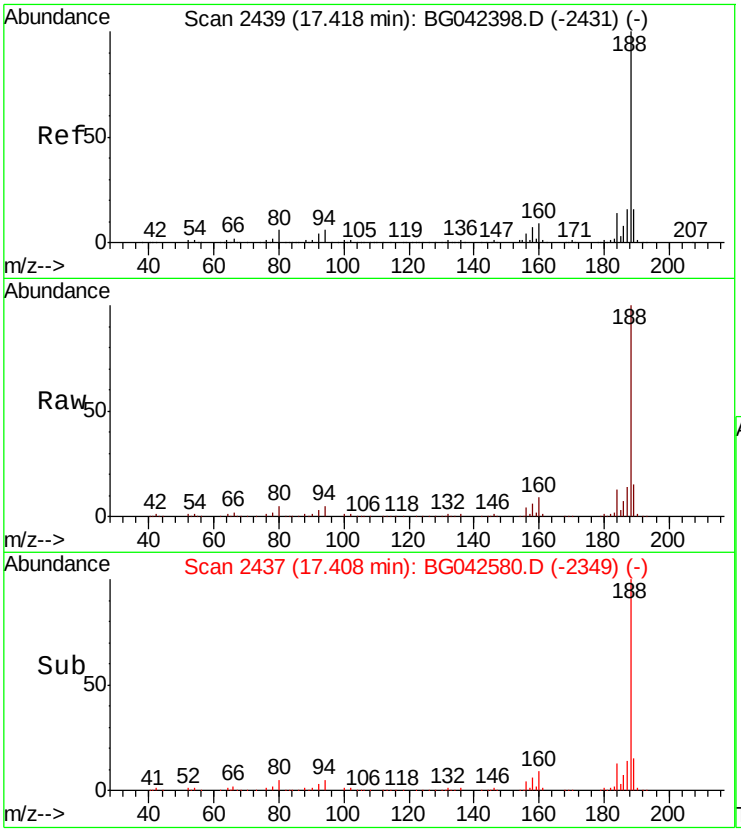


#50
Dimethylphthalate
Concen: 6.165 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Tgt Ion:163 Resp: 44139

Ion	Ratio	Lower	Upper
163	100		
194	4.9	4.2	6.2
164	10.3	8.8	13.2



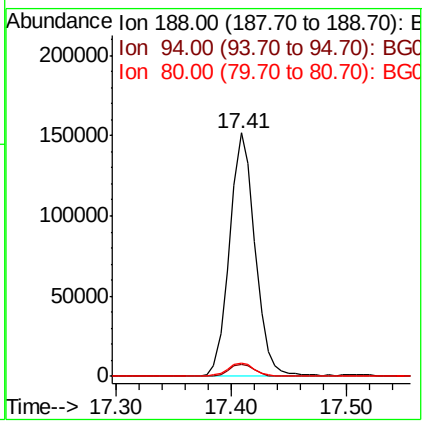


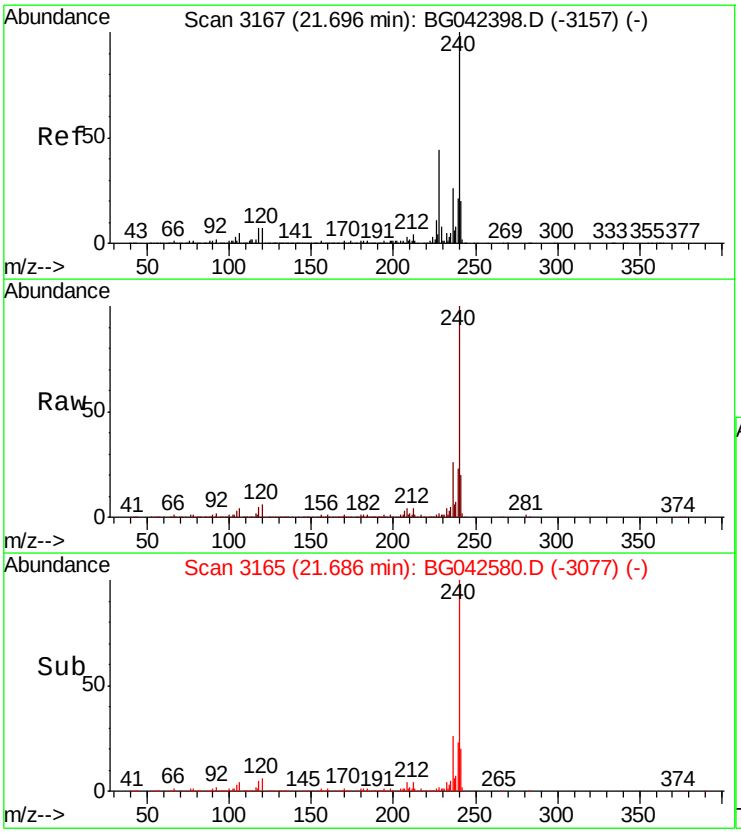
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Instrument :
BNA_G
ClientSampleId :
S602-M-2.0-2.5-082319

Tgt Ion:188 Resp: 233495

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.5	6.7
80	5.4	4.9	7.3

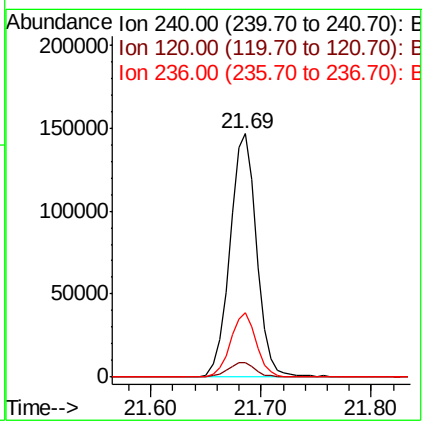


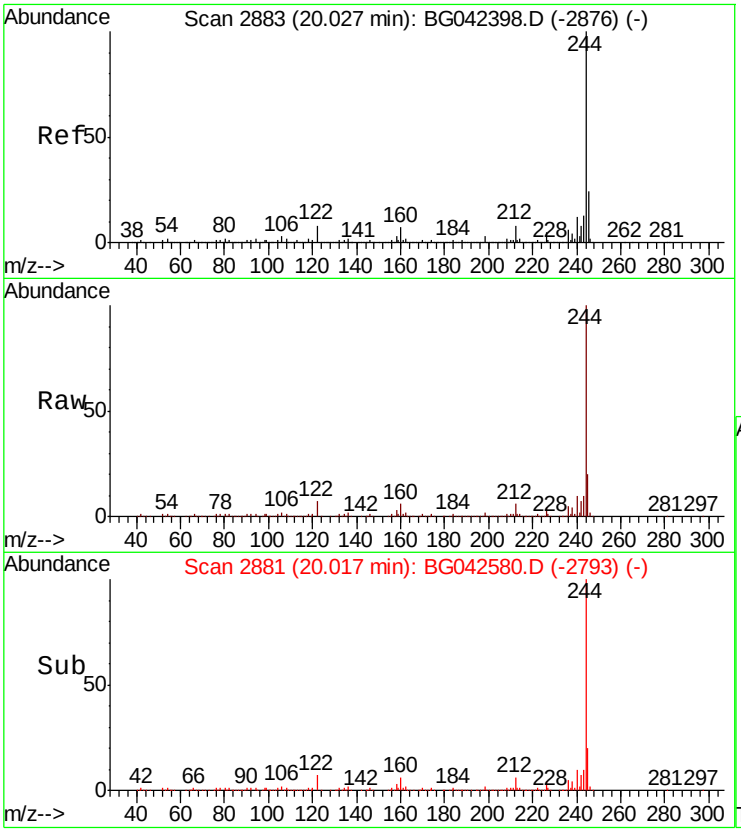


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Tgt Ion:240 Resp: 248061

Ion	Ratio	Lower	Upper
240	100		
120	5.9	5.7	8.5
236	26.4	21.0	31.4



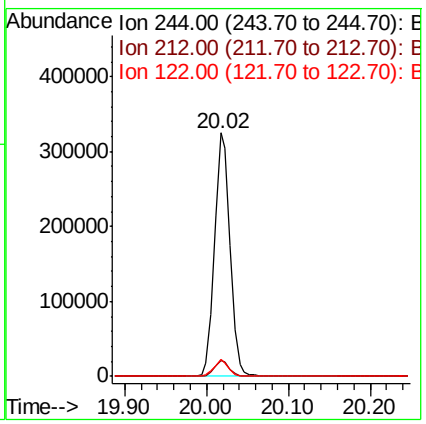


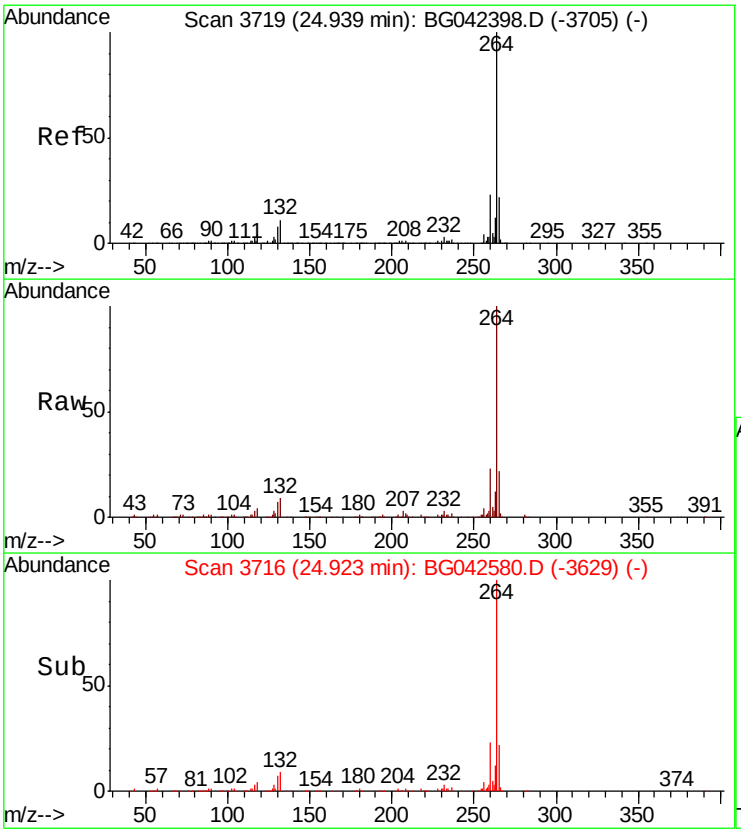
#79
Terphenyl-d14
Concen: 37.438 ng
RT: 20.02 min Scan# 2881
Delta R.T. -0.01 min
Lab File: BG042580.D
Acq: 30 Aug 2019 00:40

Instrument :
BNA_G
ClientSampleId :
S602-M-2.0-2.5-082319

Tgt Ion:244 Resp: 429567

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	7.0	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: BG042580.D
Acq: 30 Aug 2019 00:40

Tgt Ion:264 Resp: 295922

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.2	17.6	26.4