Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042614.D
Acq On : 30 Aug 2019 23:50
Operator : HP/JU
Sample : K4594-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S704A-N-2.0-2.5-082819

Quant Time: Aug 31 01:51:08 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	33463	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	126353	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	95484	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	223907	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	237497	20.00	ng	-0.01
87) Perylene-d12	24.91	264	278288	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	229655	138.99	ng	0.00
7) Phenol-d6	7.16	99	307292	137.69	ng	-0.01
23) Nitrobenzene-d5	9.16	82	176959	96.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	197004	145.16	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	486143	86.11	ng	0.00
79) Terphenyl-d14	20.02	244	840963	76.55	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	25182	11.097	ng	90
50) Dimethylphthalate	14.10	163	53612	7.782	ng	99

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

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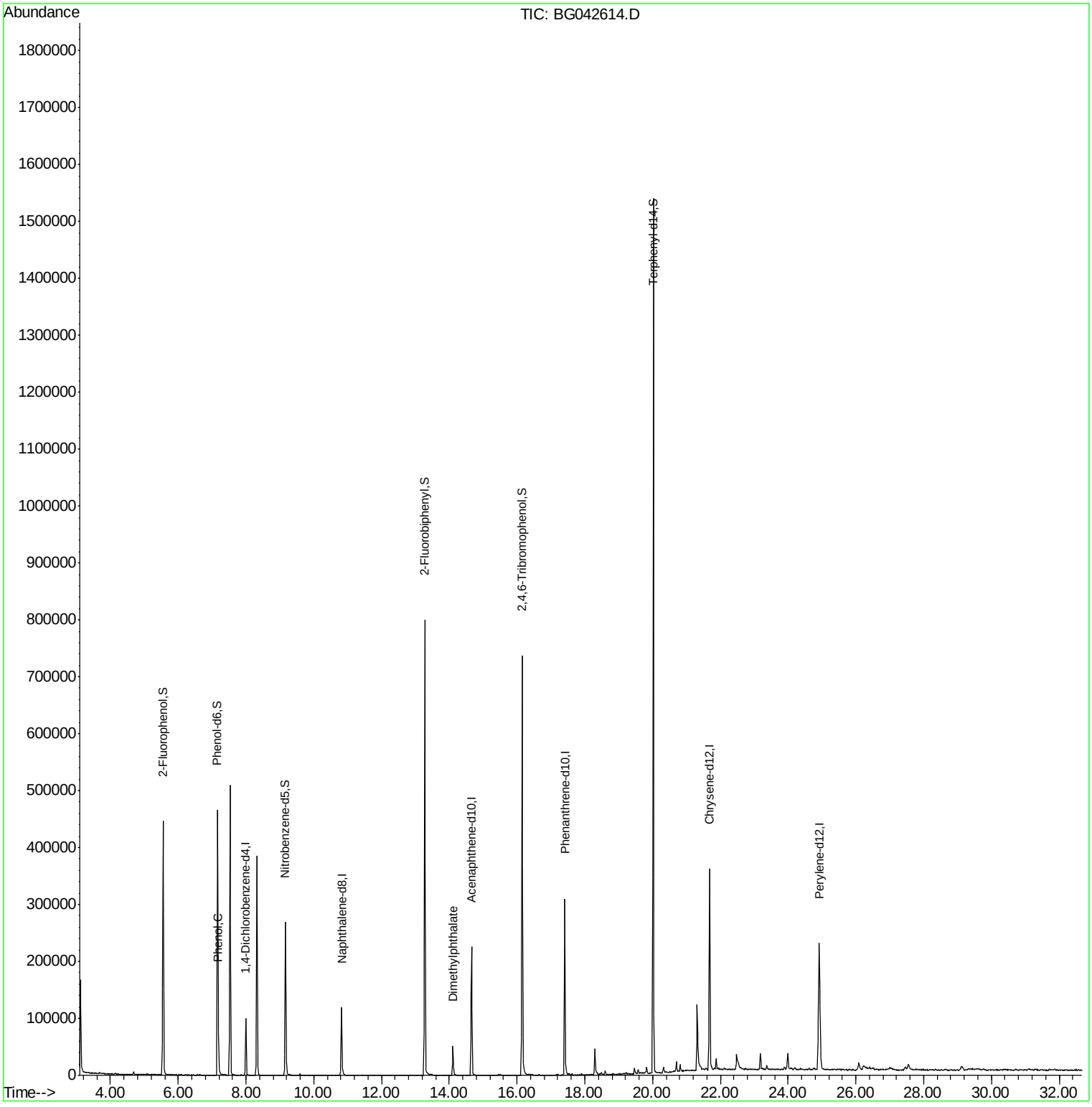
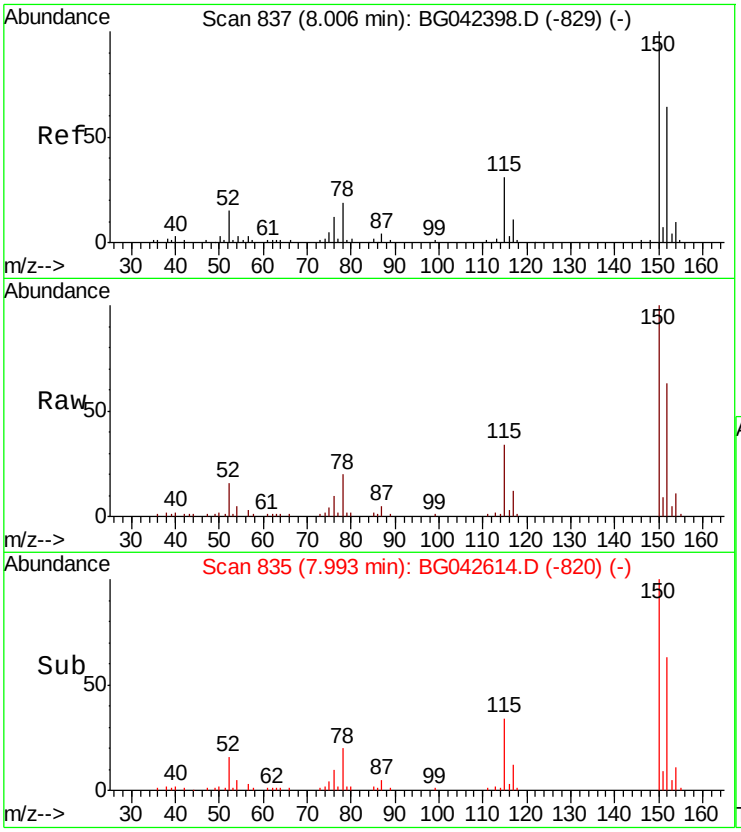


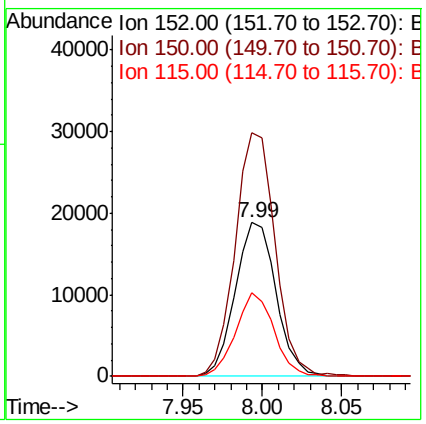


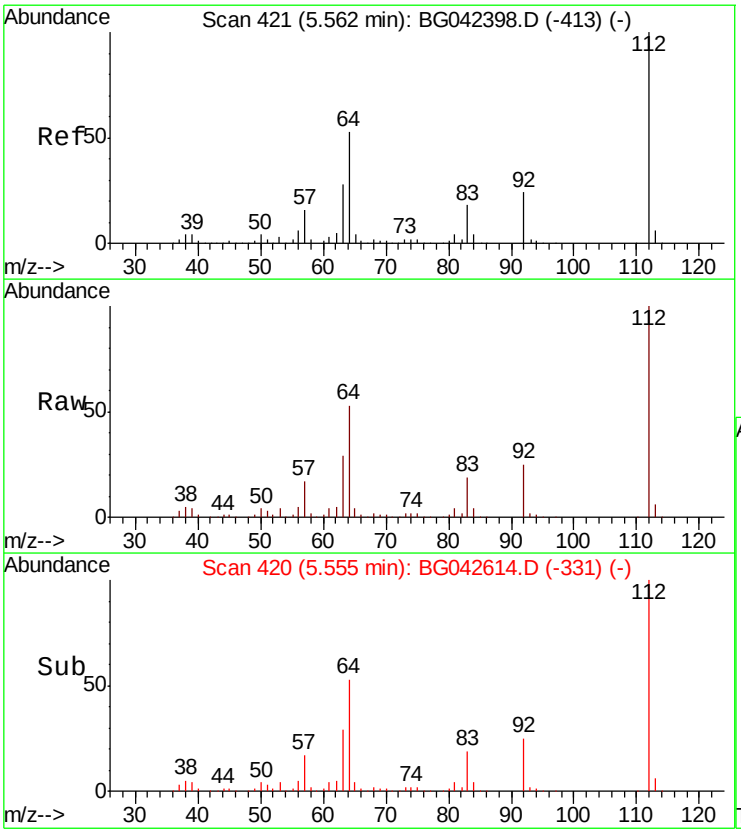
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Instrument :
BNA_G
ClientSampleId :
S704A-N-2.0-2.5-082819

Tgt Ion:152 Resp: 33463

Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.4	188.0
115	54.3	38.5	57.7

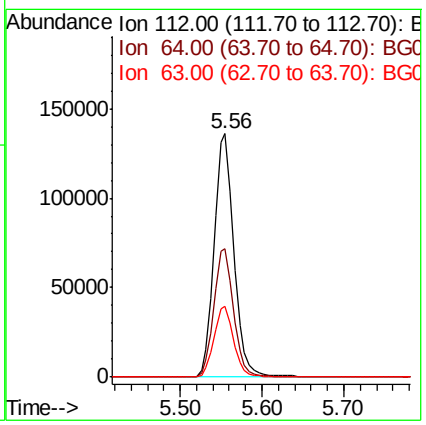


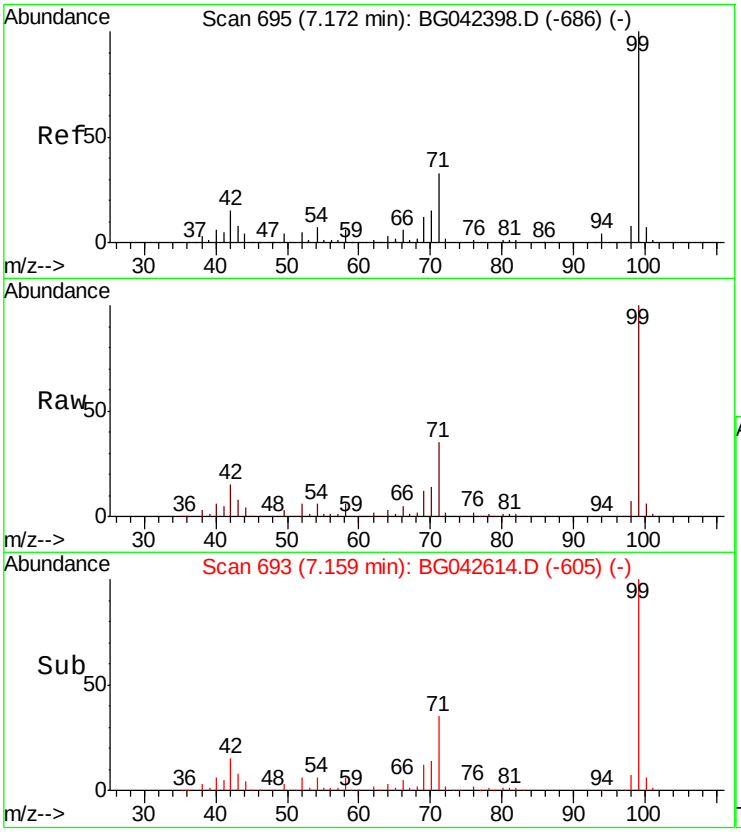


#5
2-Fluorophenol
Concen: 138.995 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Tgt Ion:112 Resp: 229655

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.8	64.2
63	29.1	22.7	34.1



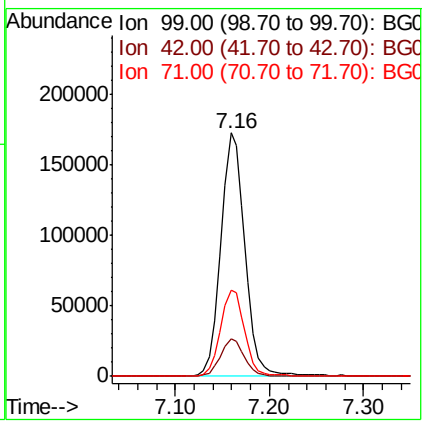


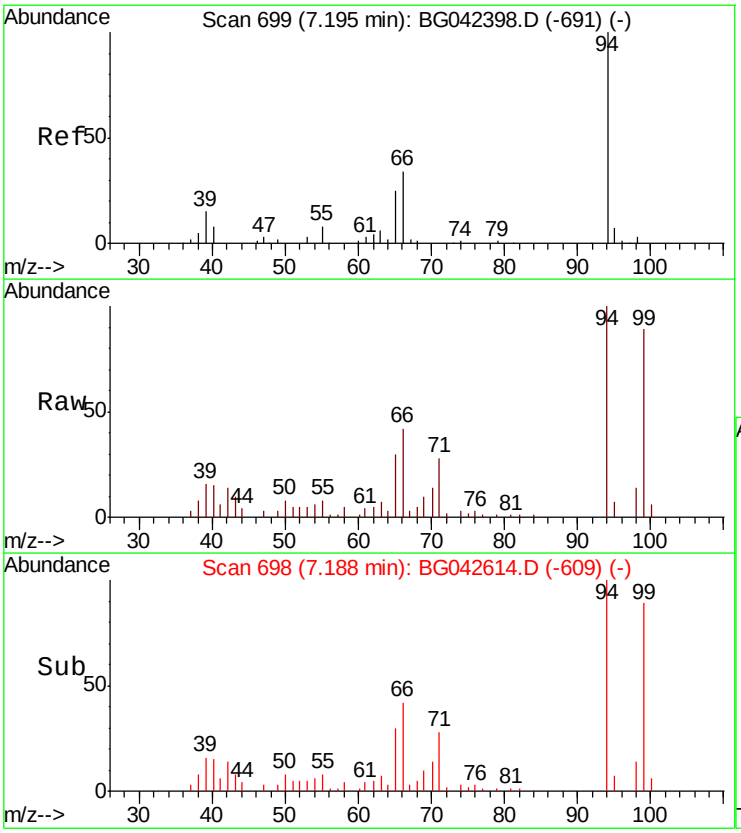
#7
Phenol-d6
Concen: 137.686 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Instrument :
BNA_G
ClientSampleId :
S704A-N-2.0-2.5-082819

Tgt Ion: 99 Resp: 307292

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.0	18.0
71	35.2	26.3	39.5

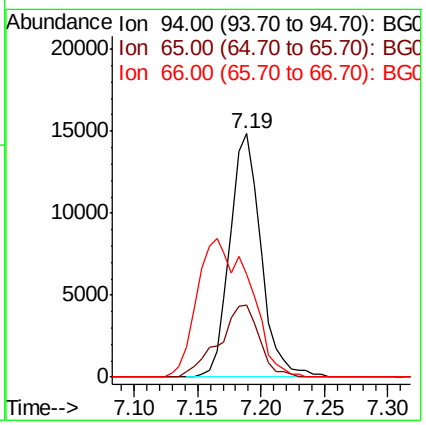


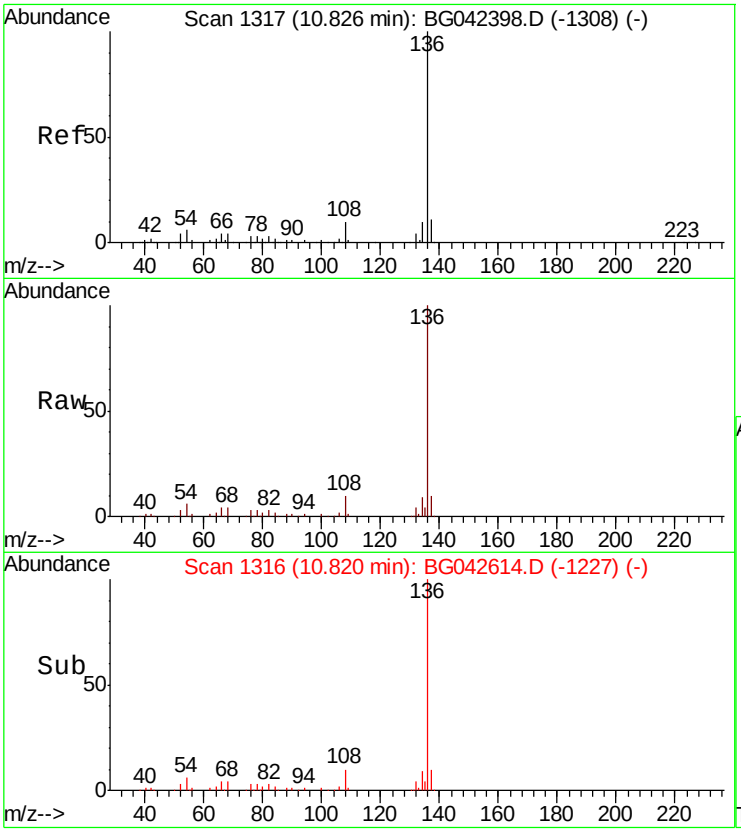


#10
Phenol
Concen: 11.097 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Tgt Ion: 94 Resp: 25182

Ion	Ratio	Lower	Upper
94	100		
65	29.8	5.6	45.6
66	42.2	16.0	56.0



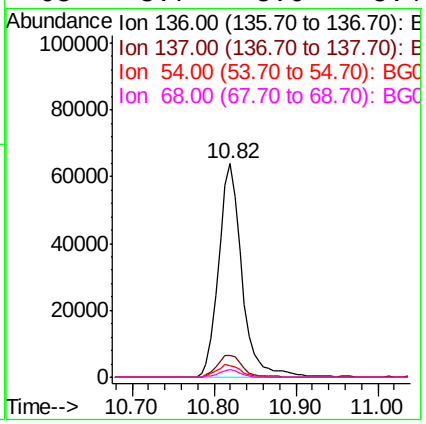


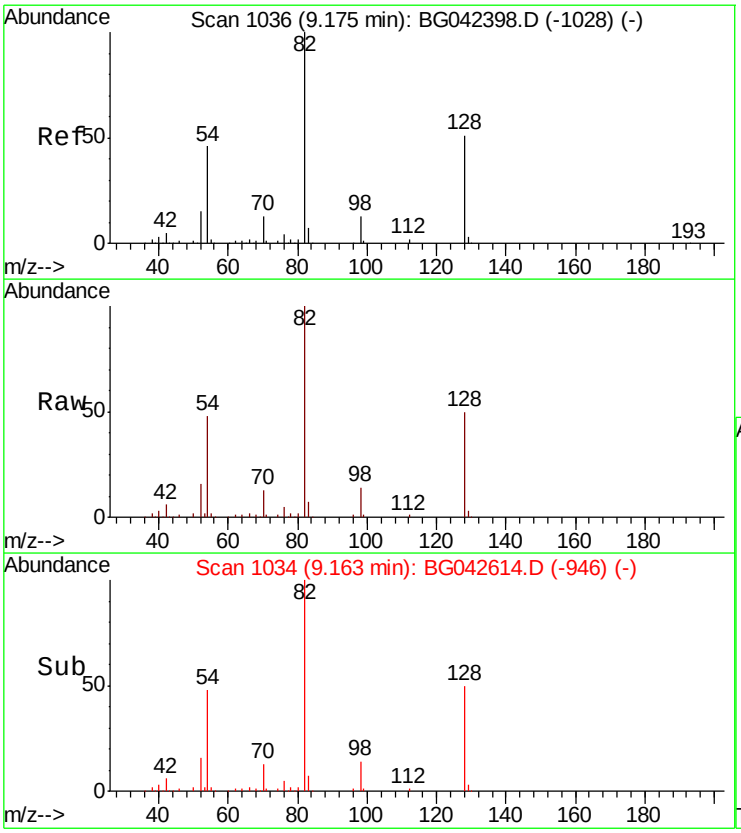
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Instrument :
BNA_G
ClientSampleId :
S704A-N-2.0-2.5-082819

Tgt Ion:136 Resp: 126353

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	5.5	4.9	7.3
68	3.7	3.6	5.4

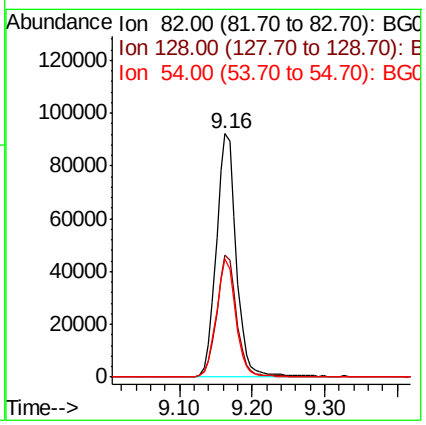


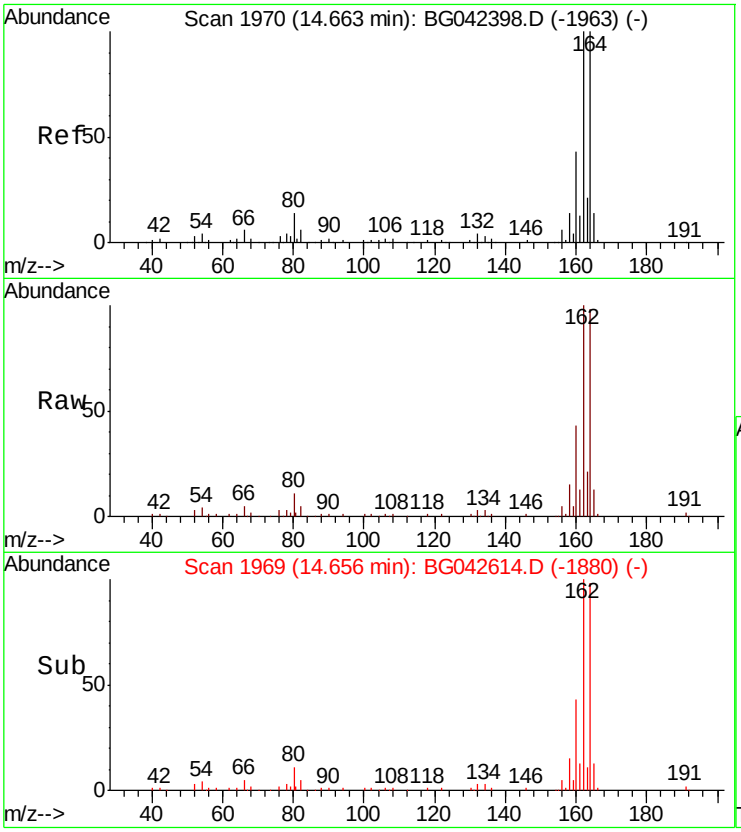


#23
Nitrobenzene-d5
Concen: 96.781 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Tgt Ion: 82 Resp: 176959

Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.7	61.1
54	48.4	36.3	54.5



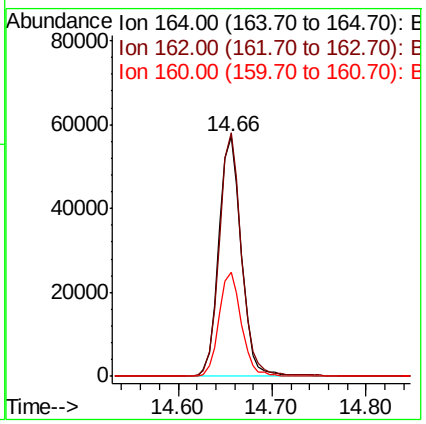


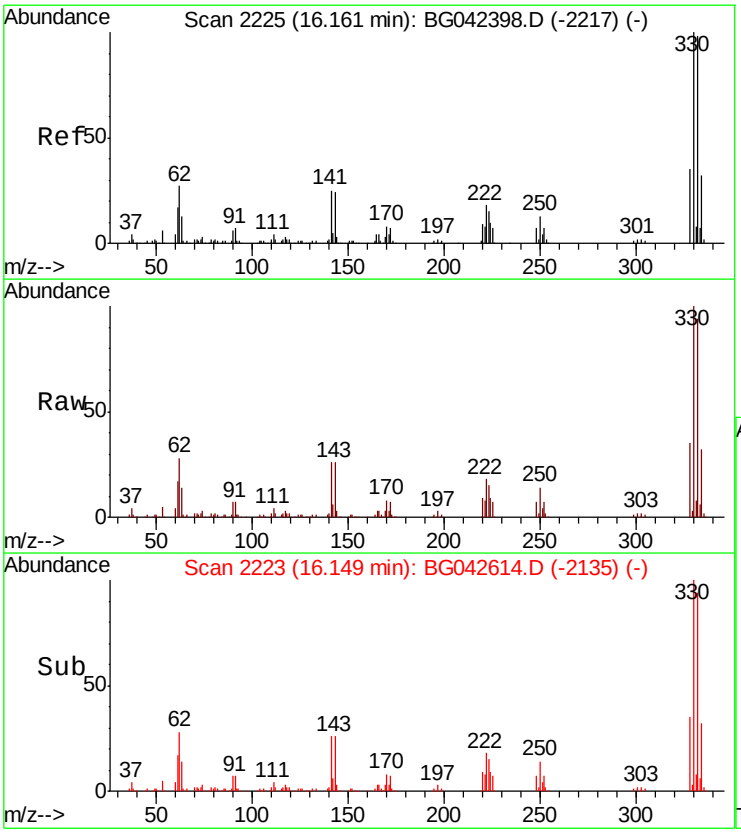
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Instrument :
BNA_G
ClientSampleId :
S704A-N-2.0-2.5-082819

Tgt Ion:164 Resp: 95484

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.9	119.9
160	43.5	34.3	51.5

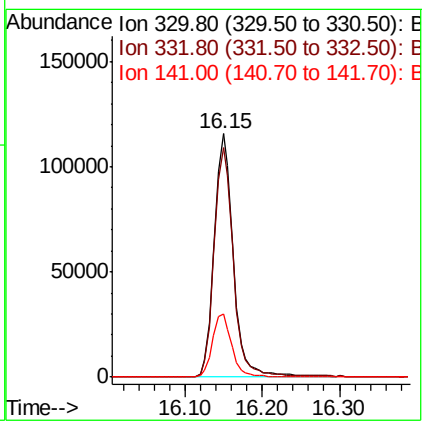


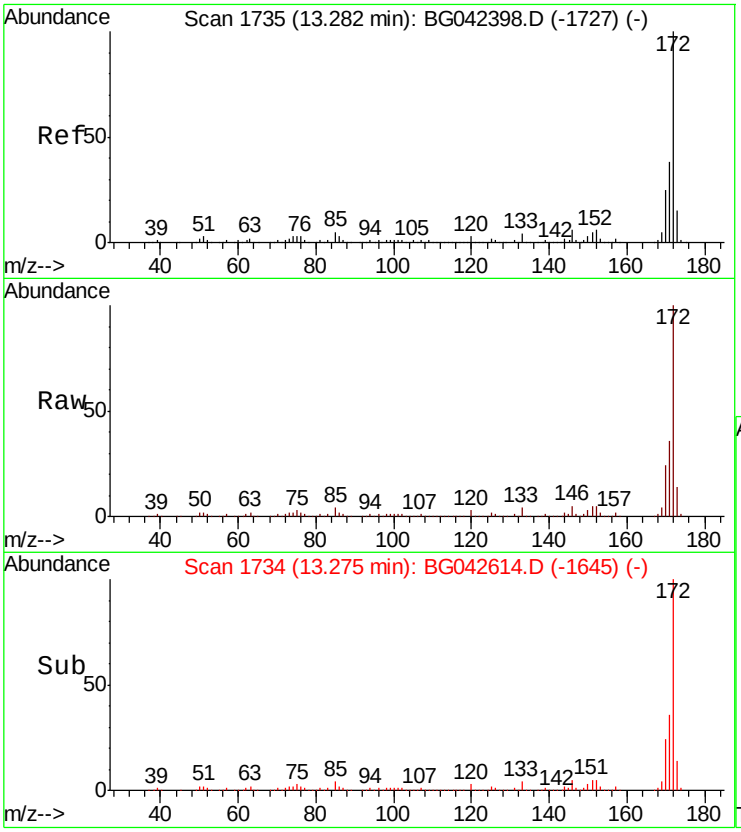


#42
2,4,6-Tribromophenol
Concen: 145.160 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Tgt Ion:330 Resp: 197004

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.0
141	26.4	21.4	32.0



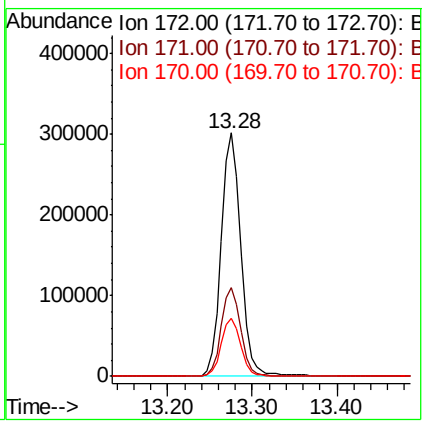


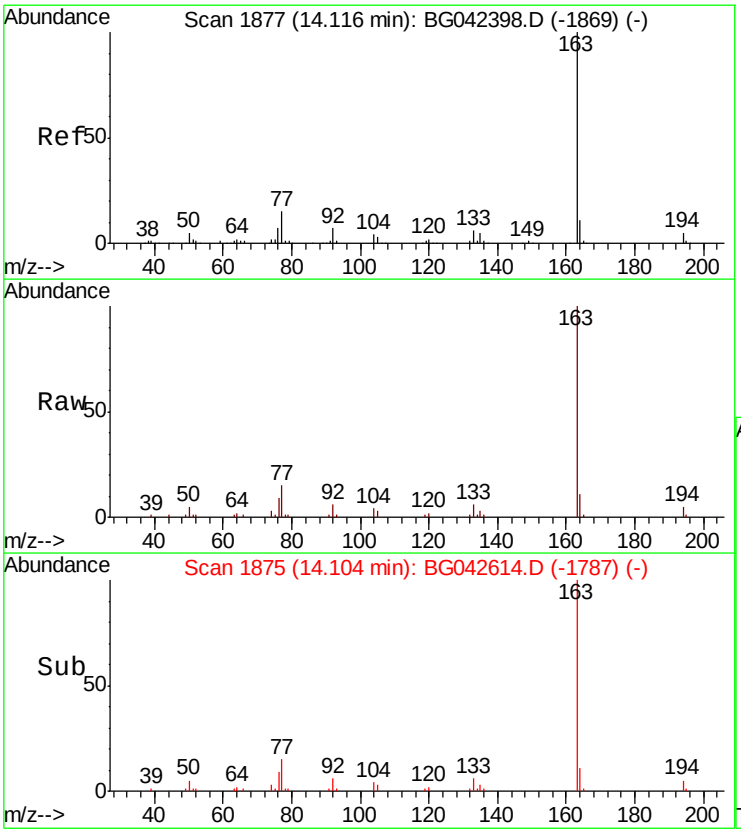
#45
2-Fluorobiphenyl
Concen: 86.109 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Instrument :
BNA_G
ClientSampleId :
S704A-N-2.0-2.5-082819

Tgt Ion:172 Resp: 486143

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.5	45.7
170	23.6	20.2	30.2

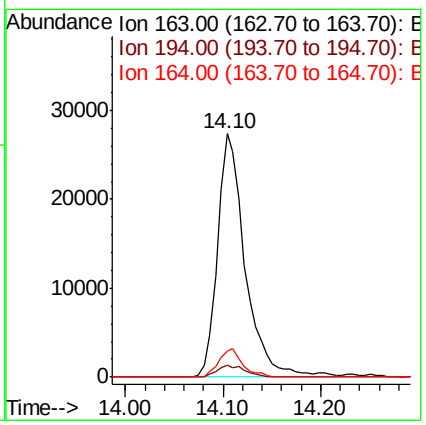


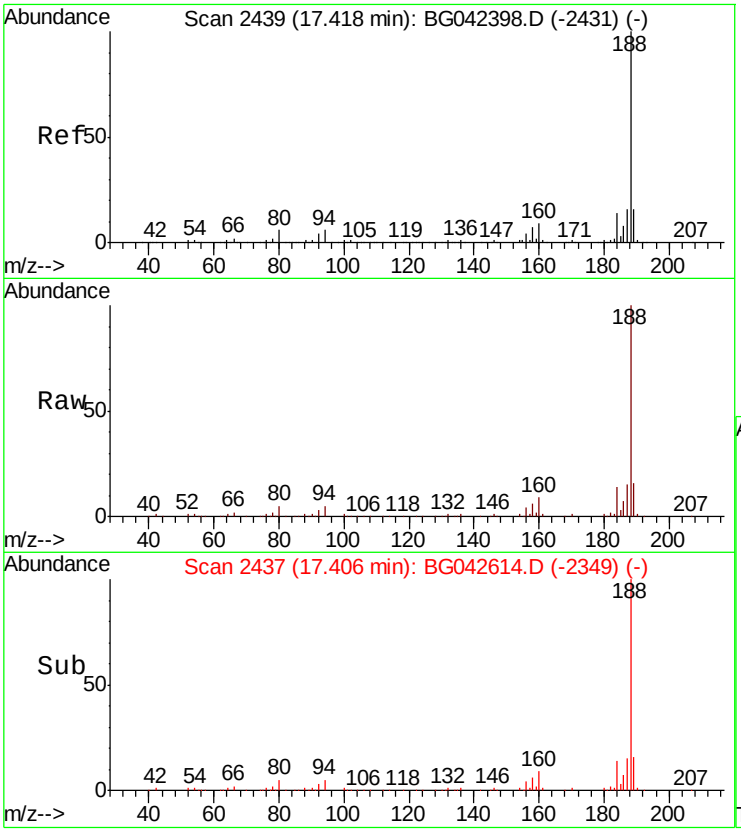


#50
Dimethylphthalate
Concen: 7.782 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Tgt Ion:163 Resp: 53612

Ion	Ratio	Lower	Upper
163	100		
194	5.1	4.2	6.2
164	10.6	8.8	13.2



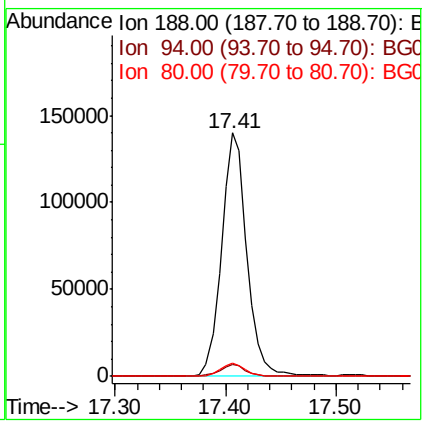


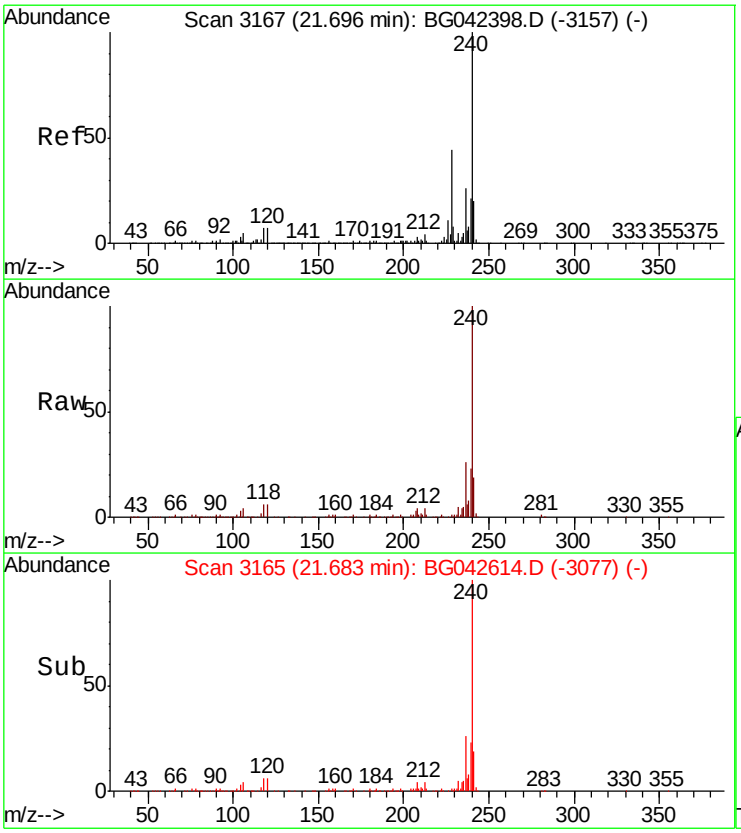
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Instrument :
BNA_G
ClientSampleId :
S704A-N-2.0-2.5-082819

Tgt Ion:188 Resp: 223907

Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.5	6.7
80	5.5	4.9	7.3

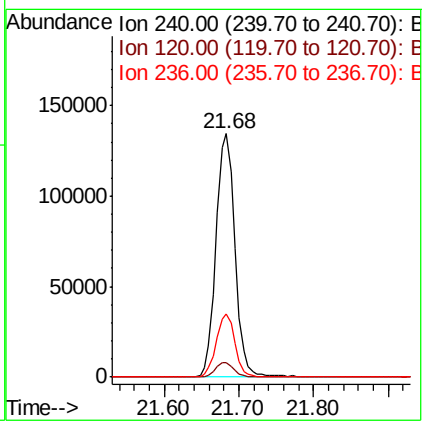


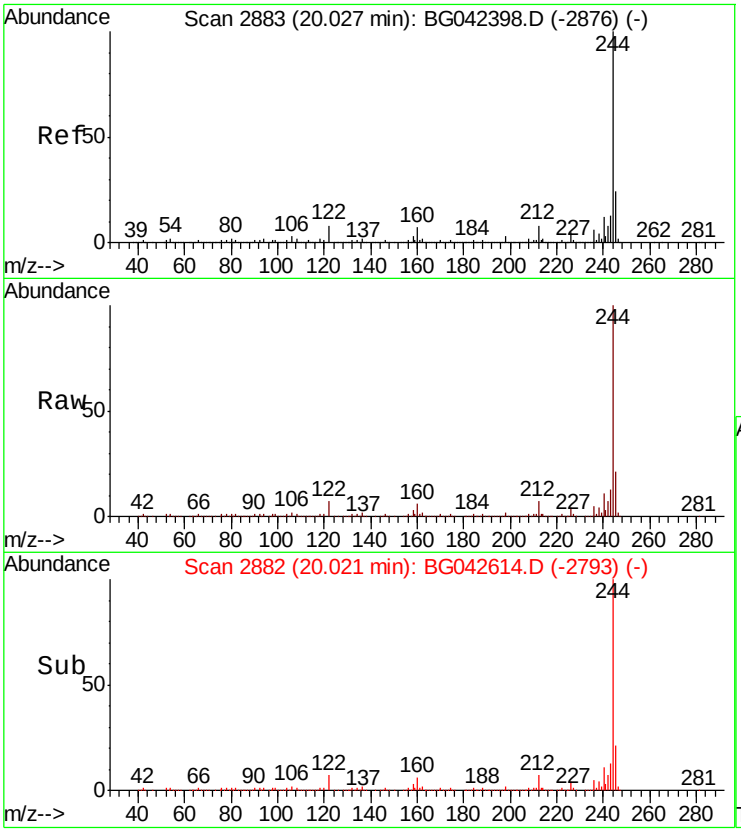


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Tgt Ion:240 Resp: 237497

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.7	8.5
236	26.0	21.0	31.4



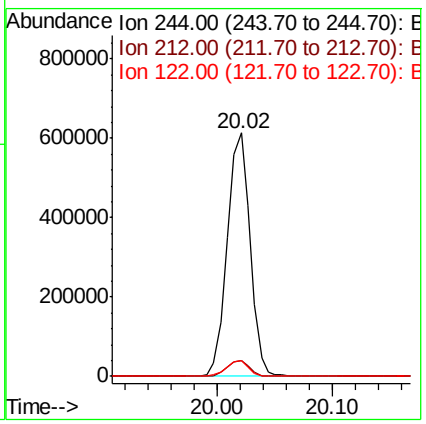


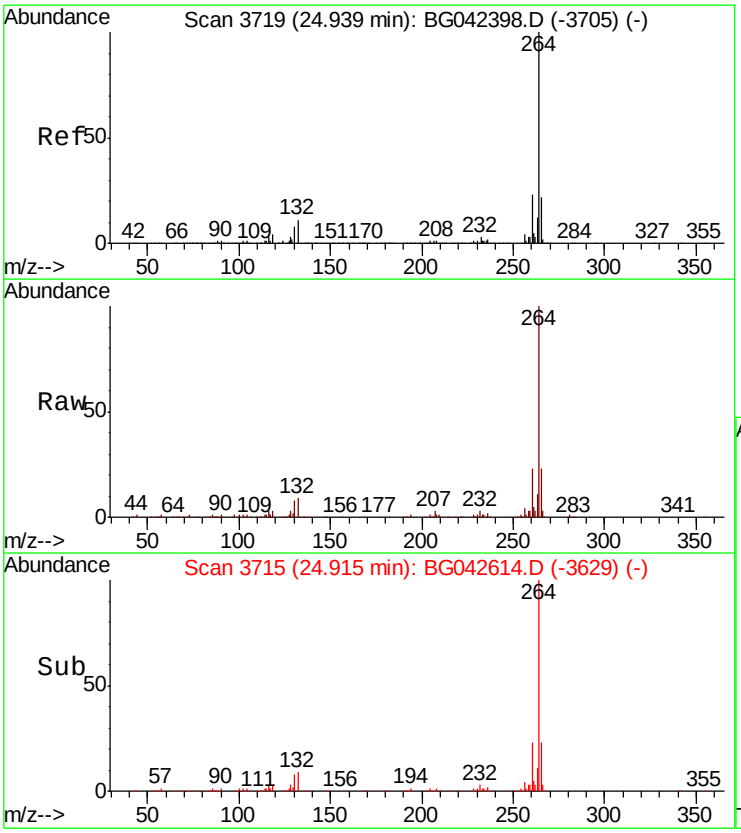
#79
Terphenyl-d14
Concen: 76.552 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Instrument :
BNA_G
ClientSampleId :
S704A-N-2.0-2.5-082819

Tgt Ion:244 Resp: 840963

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	6.6	6.7	10.1#





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Tgt Ion:264 Resp: 278288

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	22.9	17.6	26.4