Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042605.D
Acq On : 30 Aug 2019 18:03
Operator : HP/JU
Sample : K4409-16
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S301-S-6.0-6.5-081919

Quant Time: Aug 30 23:32:01 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	37391	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	143024	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	107924	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	248710	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	269354	20.00	ng	-0.02
87) Perylene-d12	24.92	264	311682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	274849	148.87	ng	0.00
7) Phenol-d6	7.16	99	366379	146.92	ng	0.00
23) Nitrobenzene-d5	9.17	82	207180	100.10	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	239752	156.30	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	647769	101.51	ng	0.00
79) Terphenyl-d14	20.02	244	1117121	89.66	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.19	94	20821	8.212	ng	88
50) Dimethylphthalate	14.11	163	56236	7.222	ng	98

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

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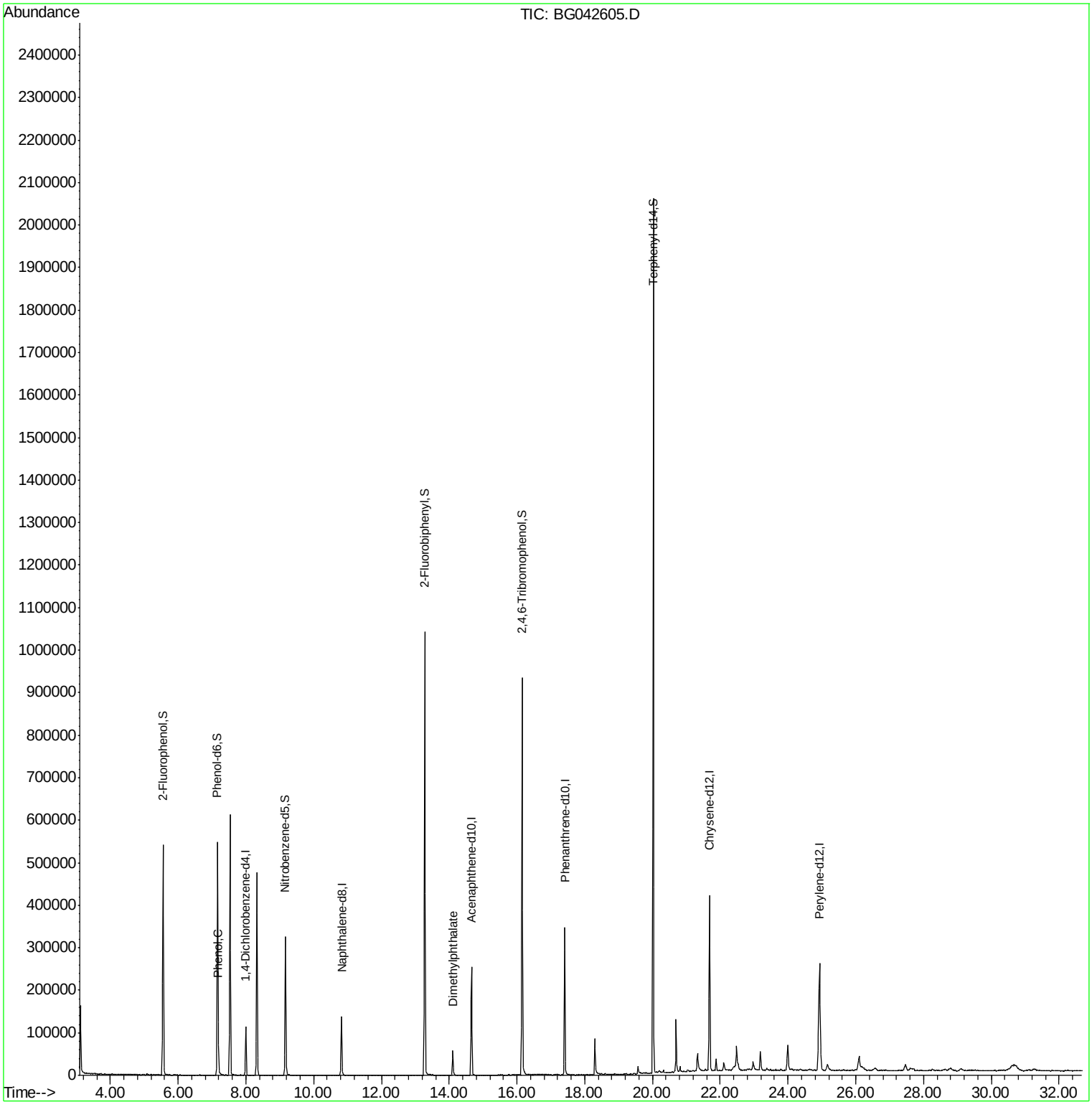
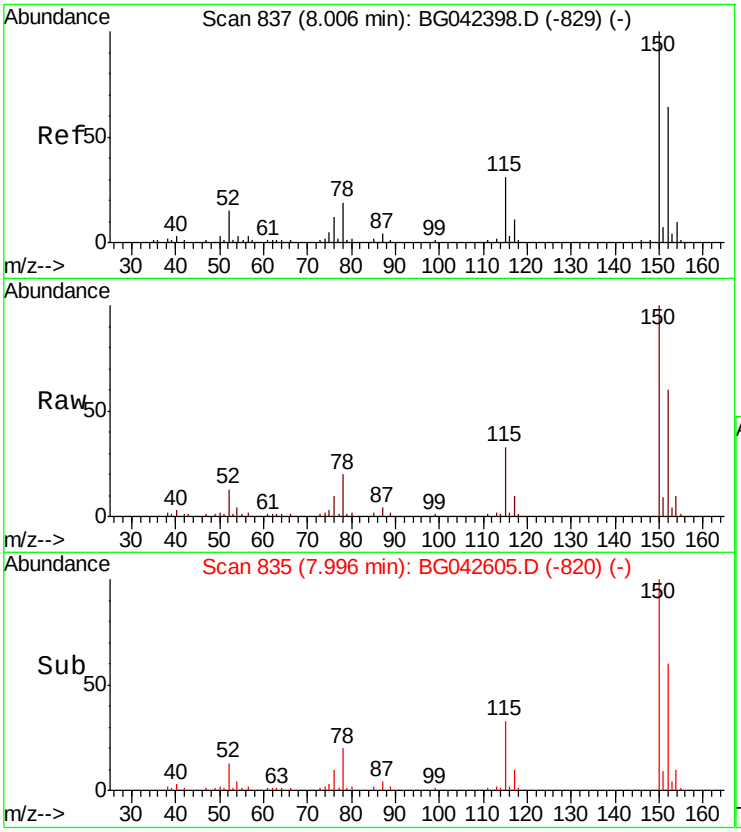


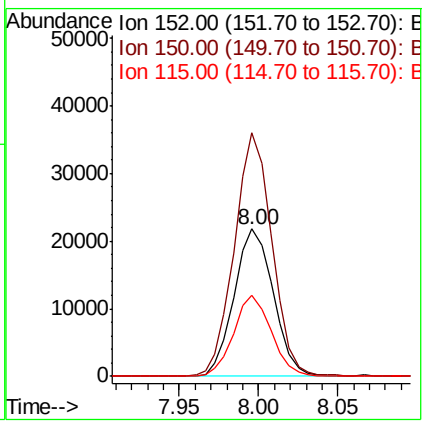


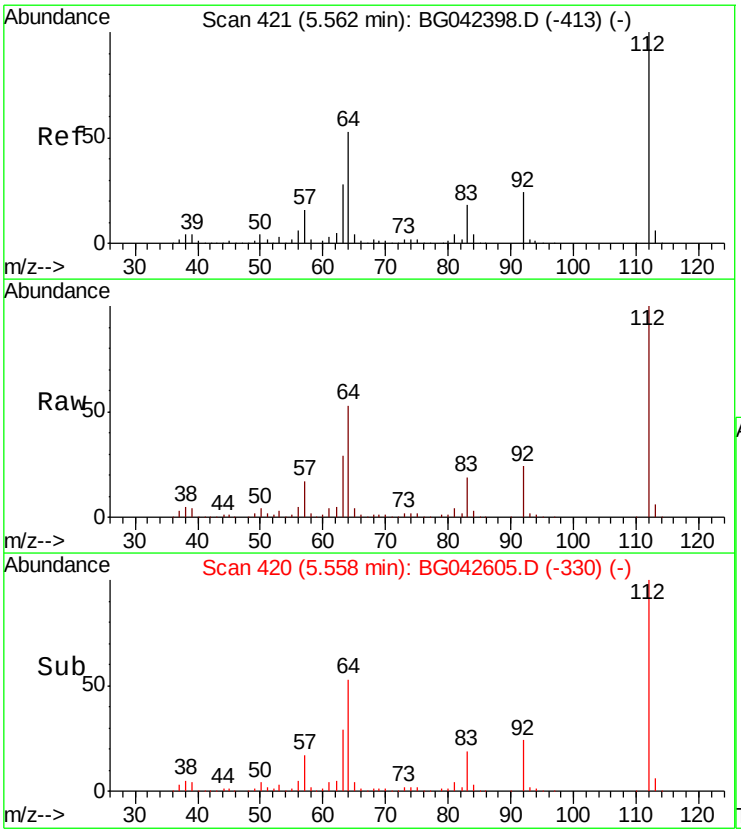
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :
S301-S-6.0-6.5-081919

Tgt Ion:152 Resp: 37391

Ion	Ratio	Lower	Upper
152	100		
150	165.3	125.4	188.0
115	55.2	38.5	57.7

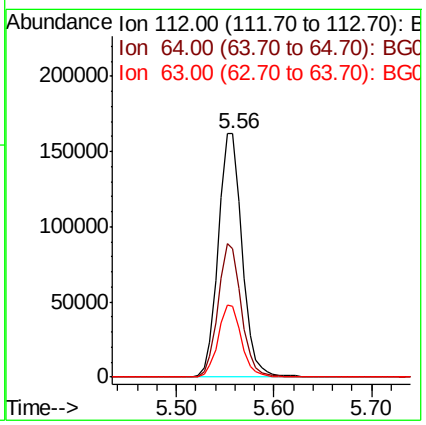


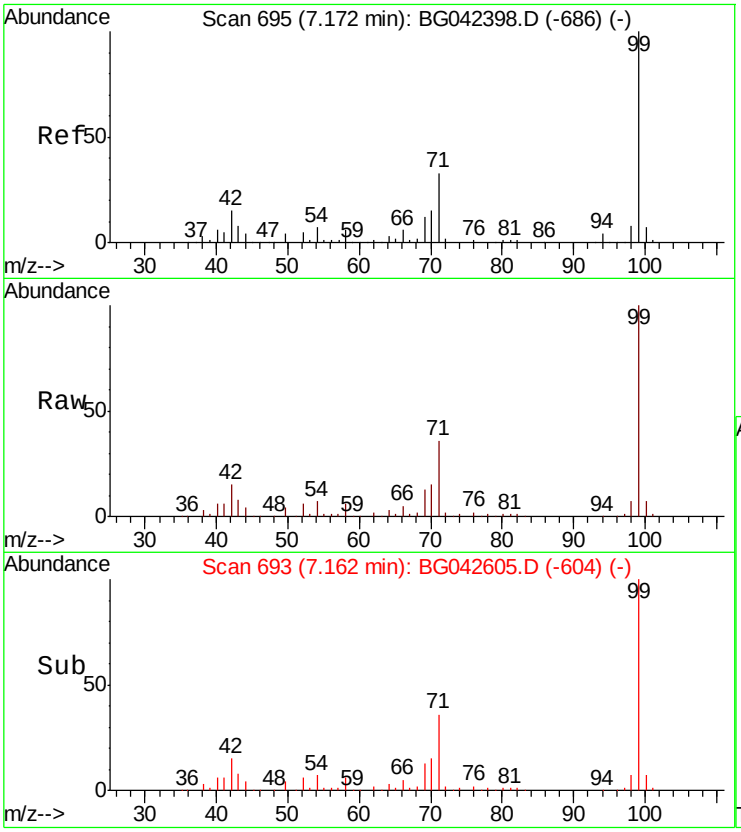


#5
2-Fluorophenol
Concen: 148.873 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion:112 Resp: 274849

Ion	Ratio	Lower	Upper
112	100		
64	52.6	42.8	64.2
63	29.1	22.7	34.1



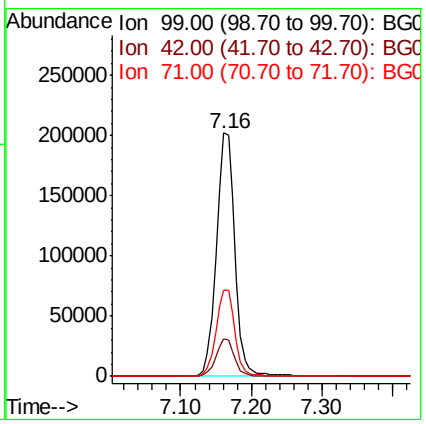


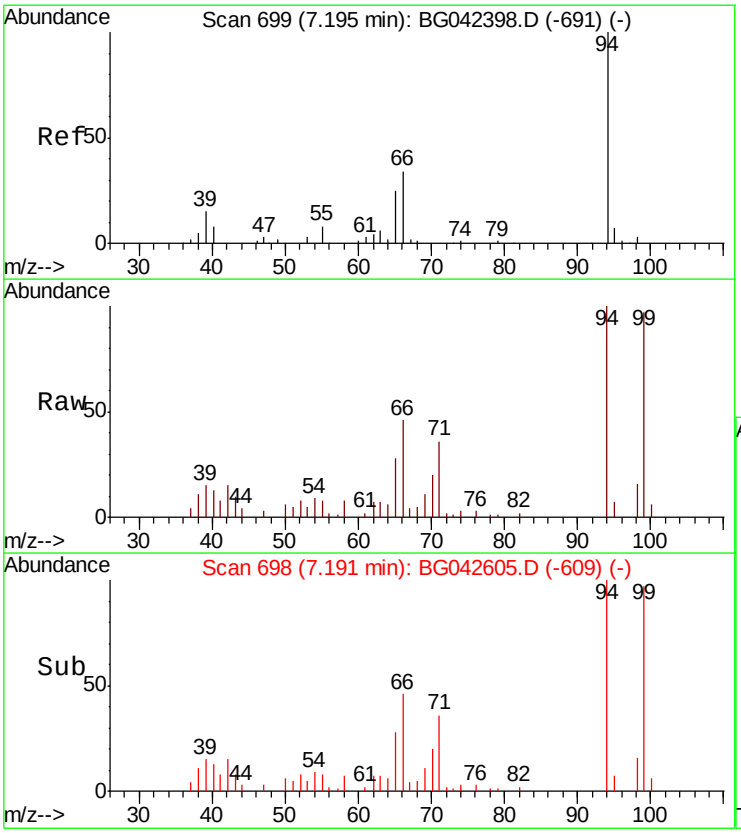
#7
Phenol-d6
Concen: 146.916 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :
S301-S-6.0-6.5-081919

Tgt Ion: 99 Resp: 366379

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.0	18.0
71	35.5	26.3	39.5

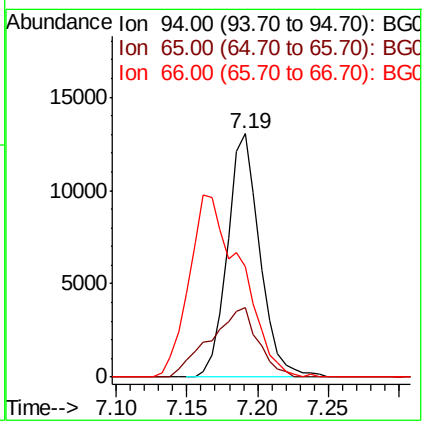


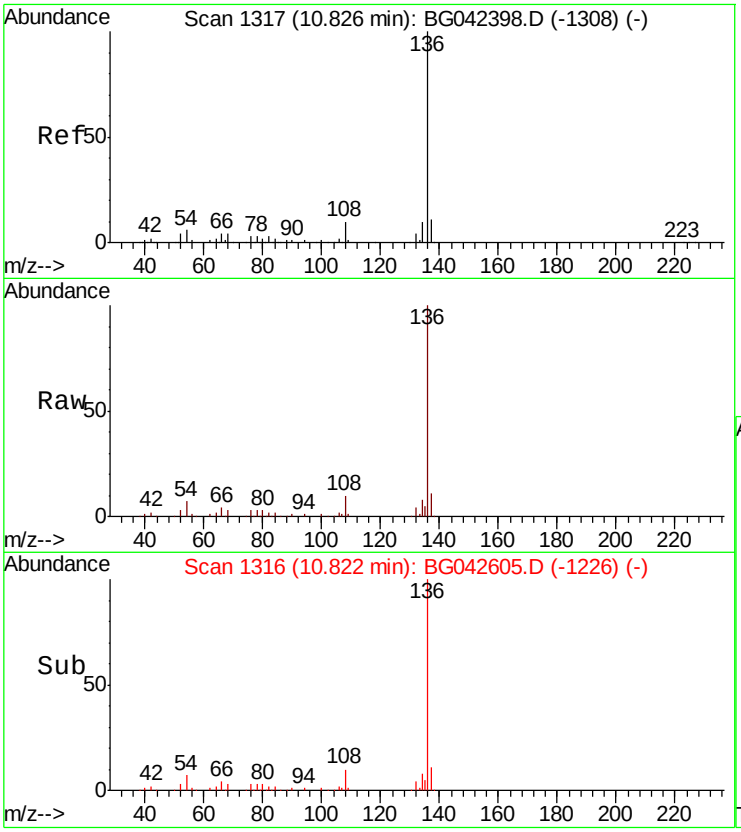


#10
Phenol
Concen: 8.212 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion: 94 Resp: 20821

Ion	Ratio	Lower	Upper
94	100		
65	28.3	5.6	45.6
66	45.6	16.0	56.0



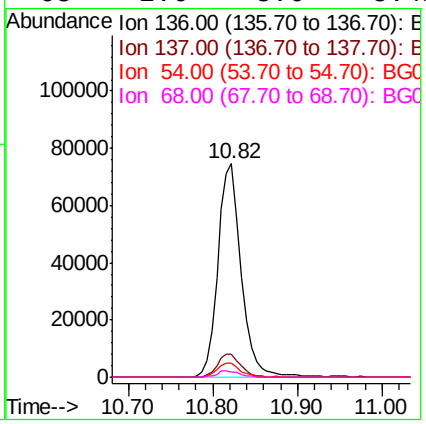


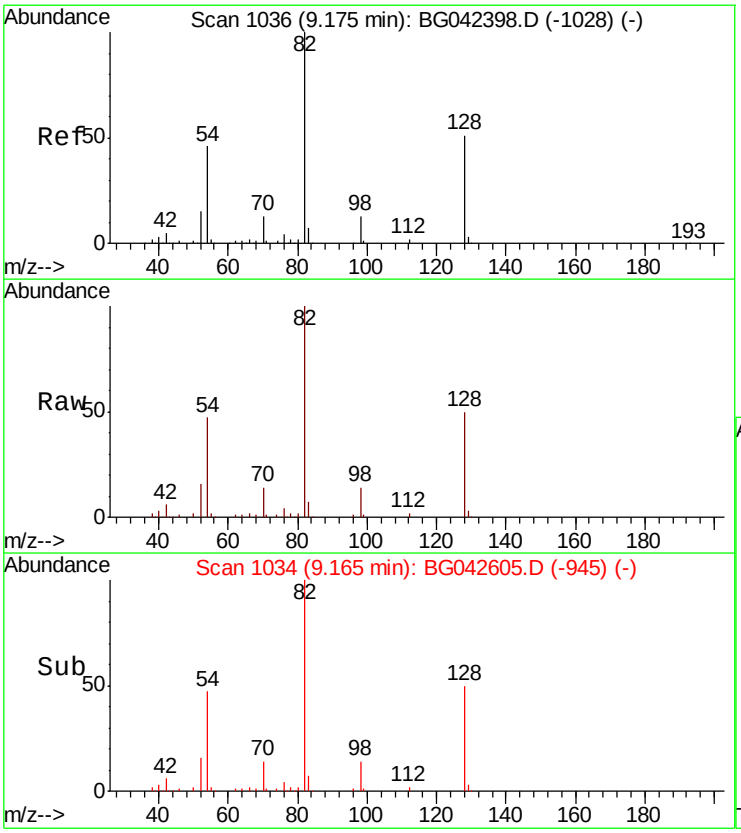
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :
S301-S-6.0-6.5-081919

Tgt Ion:136 Resp: 143024

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.7	4.9	7.3
68	2.6	3.6	5.4#

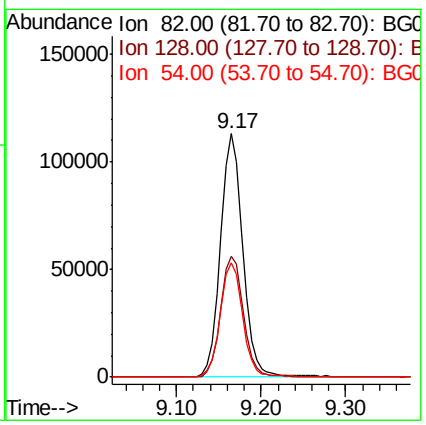


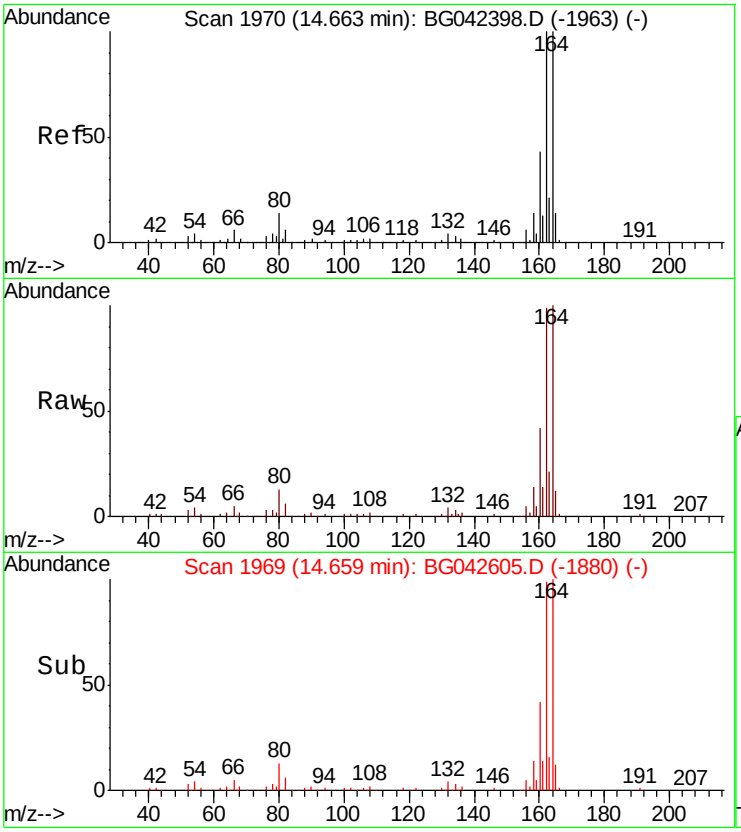


#23
Nitrobenzene-d5
Concen: 100.102 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion: 82 Resp: 207180

Ion	Ratio	Lower	Upper
82	100		
128	49.8	40.7	61.1
54	47.1	36.3	54.5



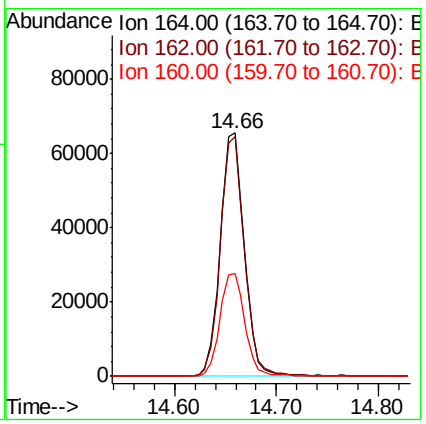


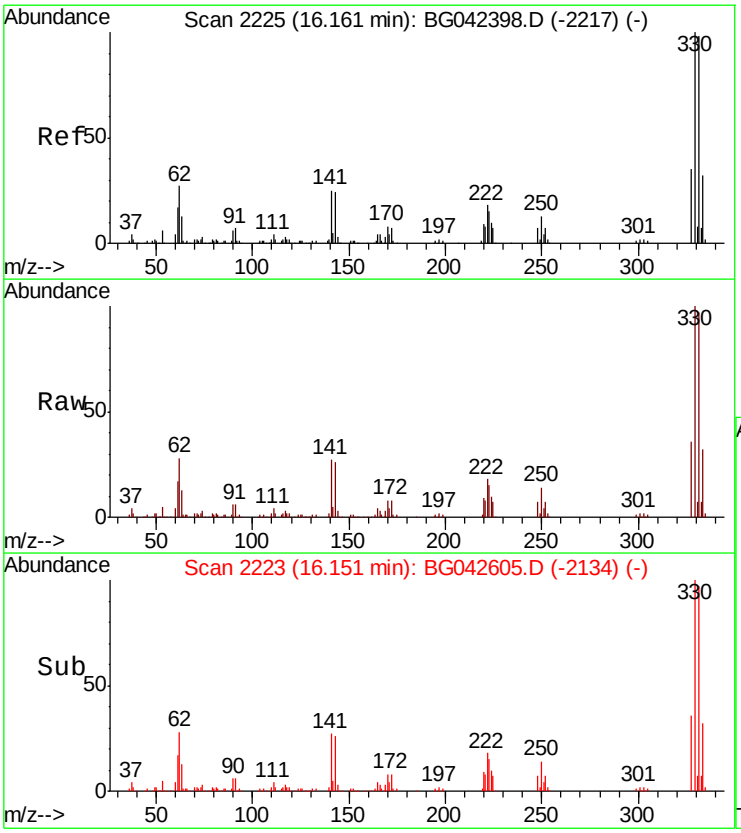
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :
S301-S-6.0-6.5-081919

Tgt Ion:164 Resp: 107924

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.9	119.9
160	42.0	34.3	51.5

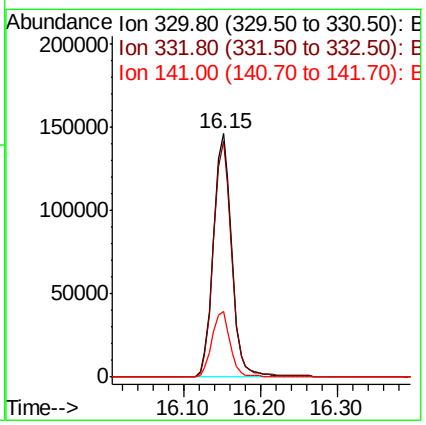


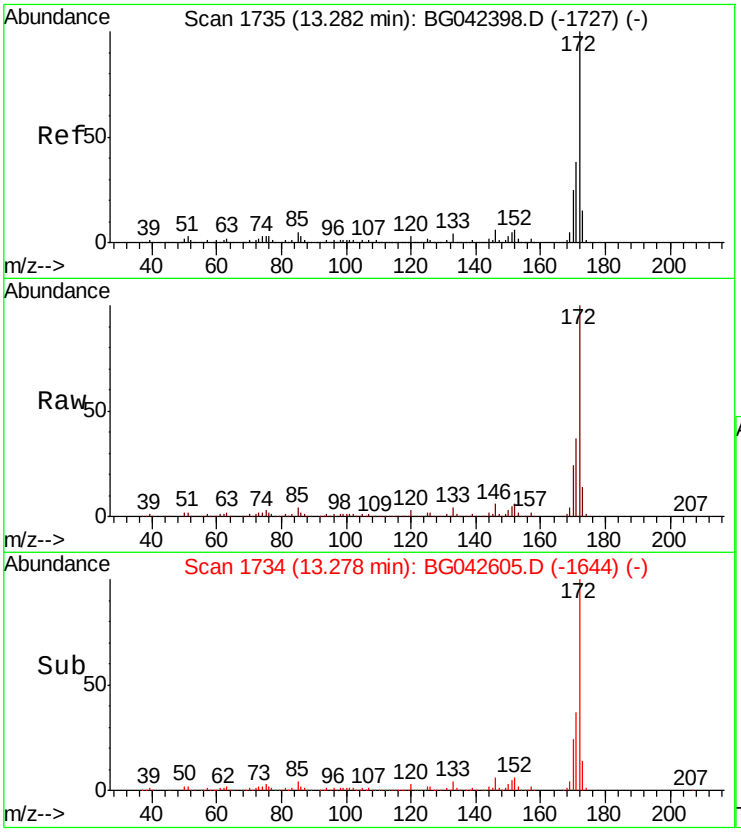


#42
2,4,6-Tribromophenol
Concen: 156.296 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion:330 Resp: 239752

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	26.9	21.4	32.0



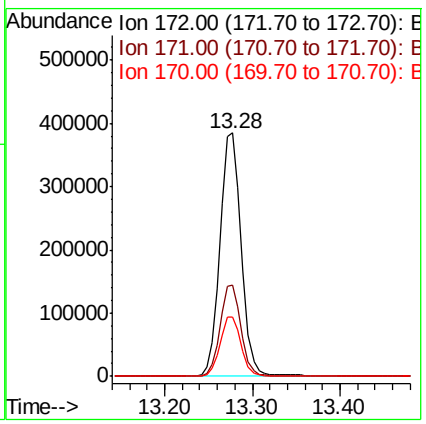


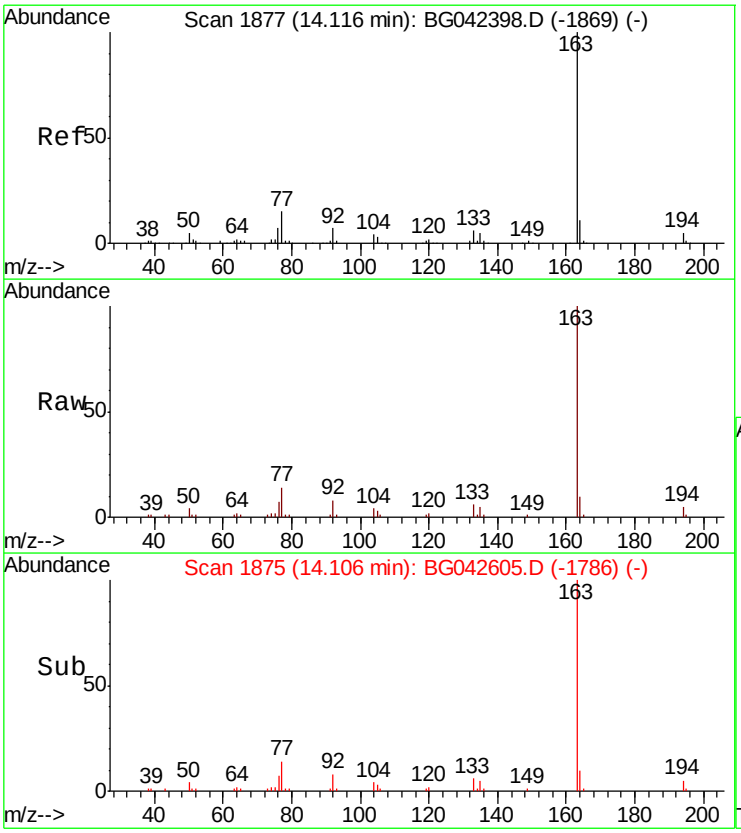
#45
2-Fluorobiphenyl
Concen: 101.512 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :
S301-S-6.0-6.5-081919

Tgt Ion:172 Resp: 647769

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.3	20.2	30.2

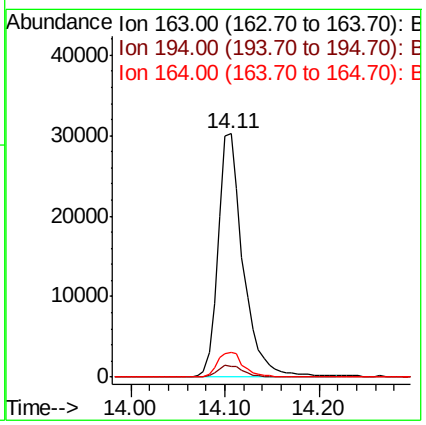


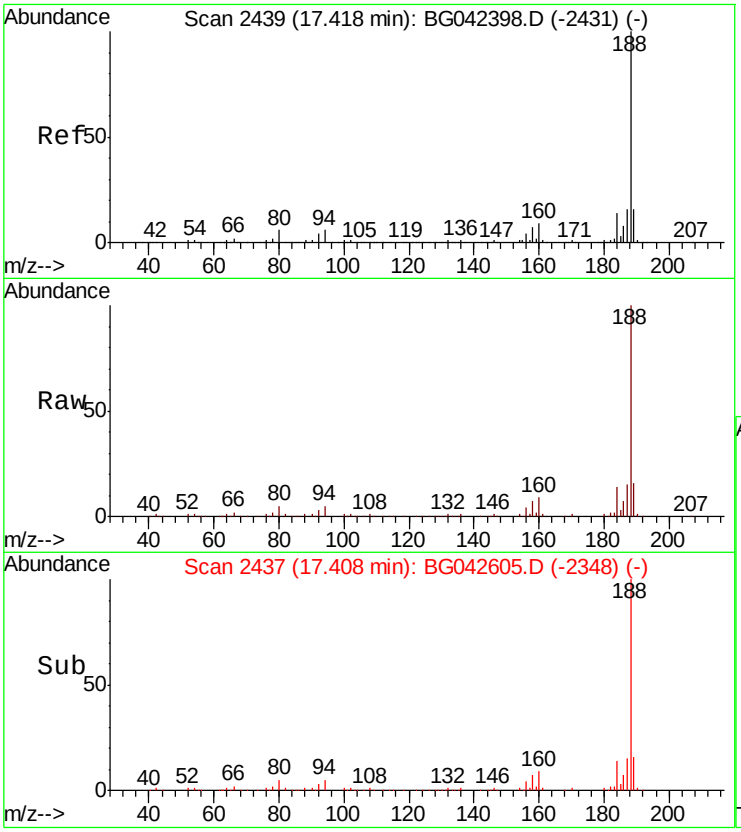


#50
Dimethylphthalate
Concen: 7.222 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion:163 Resp: 56236

Ion	Ratio	Lower	Upper
163	100		
194	4.6	4.2	6.2
164	10.2	8.8	13.2



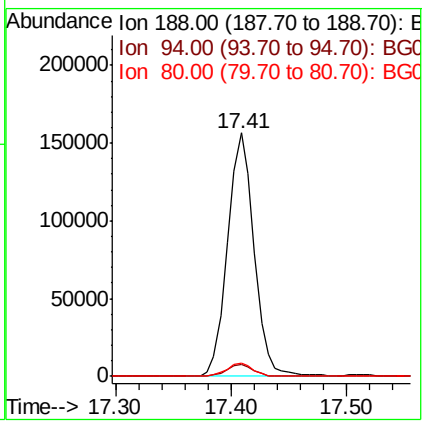


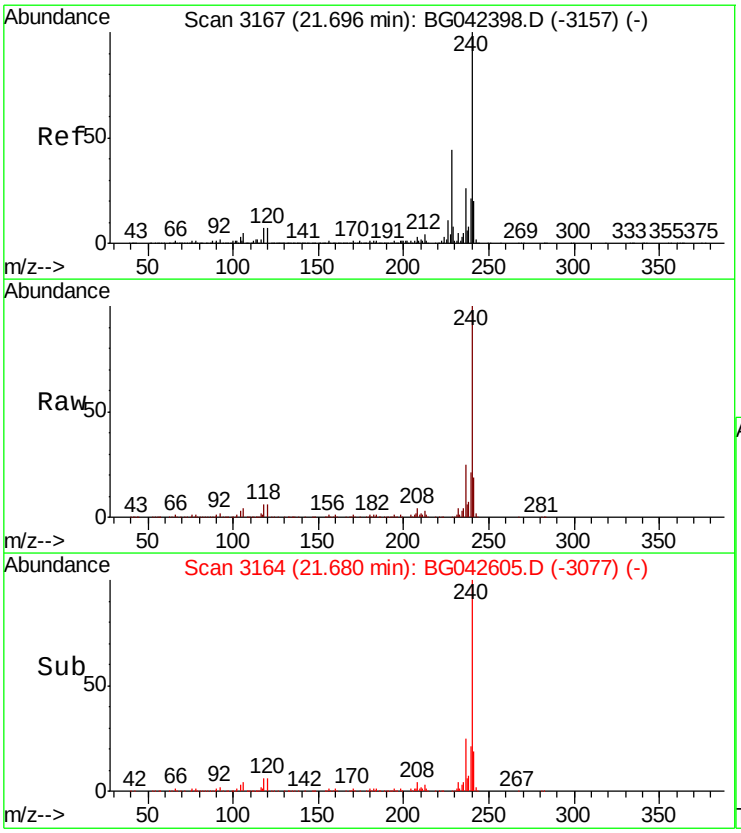
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :
S301-S-6.0-6.5-081919

Tgt Ion:188 Resp: 248710

Ion	Ratio	Lower	Upper
188	100		
94	4.7	4.5	6.7
80	5.3	4.9	7.3

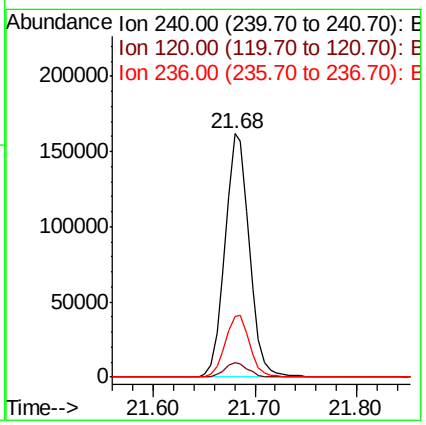


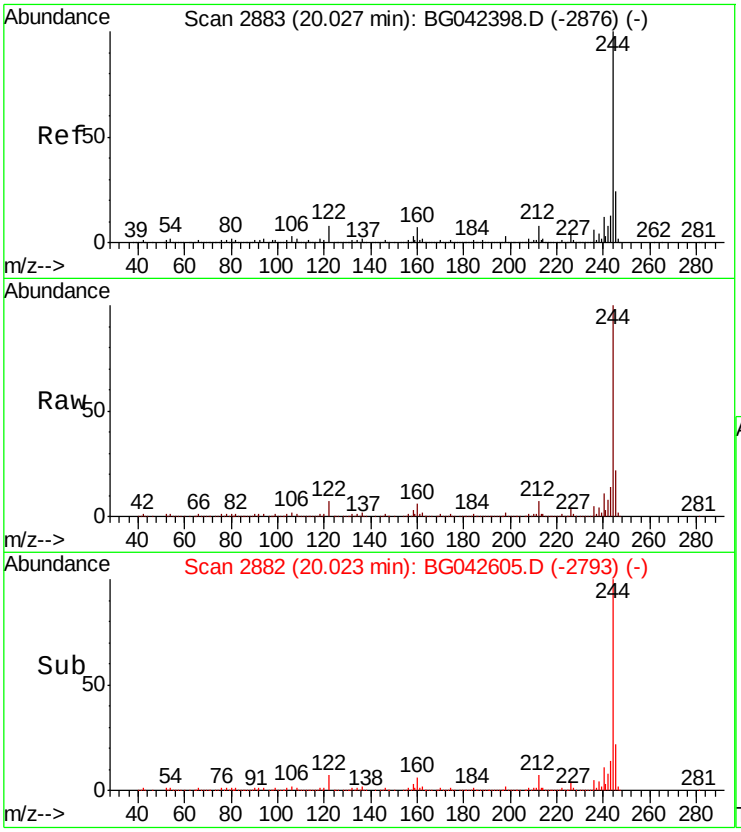


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion:240 Resp: 269354

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.7	8.5
236	24.8	21.0	31.4



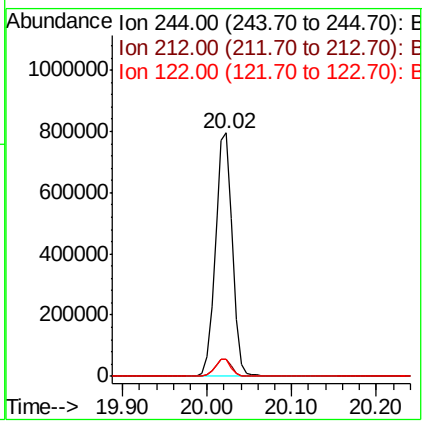


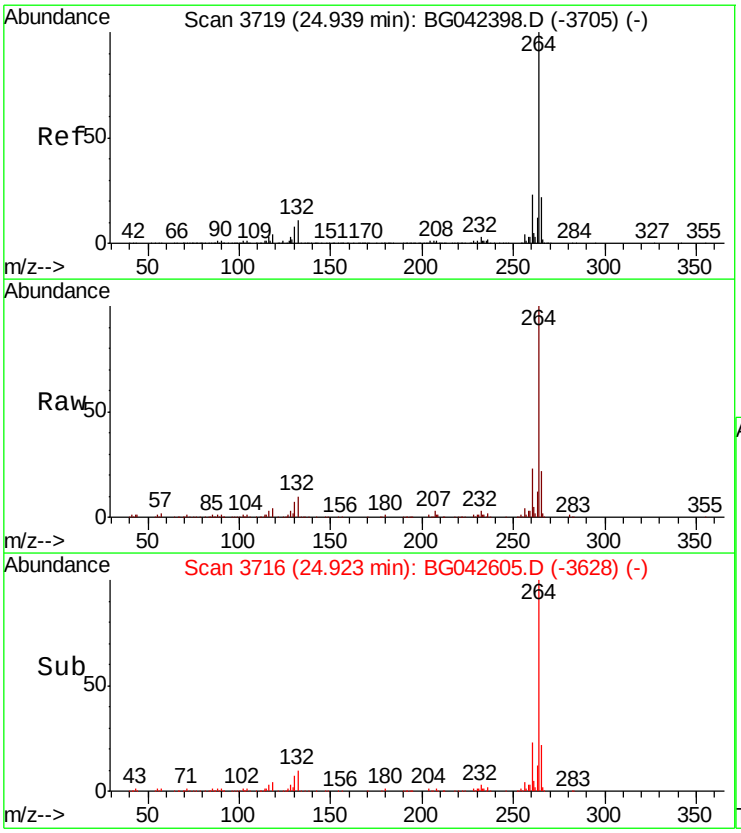
#79
Terphenyl-d14
Concen: 89.664 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BG042605.D
Acq: 30 Aug 2019 18:03

Instrument :
BNA_G
ClientSampleId :
S301-S-6.0-6.5-081919

Tgt Ion:244 Resp: 1117121

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	6.7	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: BG042605.D
Acq: 30 Aug 2019 18:03

Tgt Ion:264 Resp: 311682

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.4	17.6	26.4