Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043018.D
Acq On : 3 Oct 2019 19:05
Operator : JU
Sample : K5168-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2019070-SS-COMPOSITE-10

Quant Time: Oct 04 07:39:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73257	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	271202	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	193500	20.00	ng		-0.01
64) Phenanthrene-d10	17.43	188	434597	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	460238	20.00	ng		-0.02
87) Perylene-d12	24.92	264	539259	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	548229	133.55	ng		0.00
7) Phenol-d6	7.24	99	797737	134.95	ng		0.00
23) Nitrobenzene-d5	9.22	82	491896	88.16	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	435666	130.93	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1159601	86.88	ng		-0.01
79) Terphenyl-d14	20.04	244	1939955	89.82	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.27	94	28043	5.171	ng		94
50) Dimethylphthalate	14.14	163	186962	12.895	ng	#	98

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

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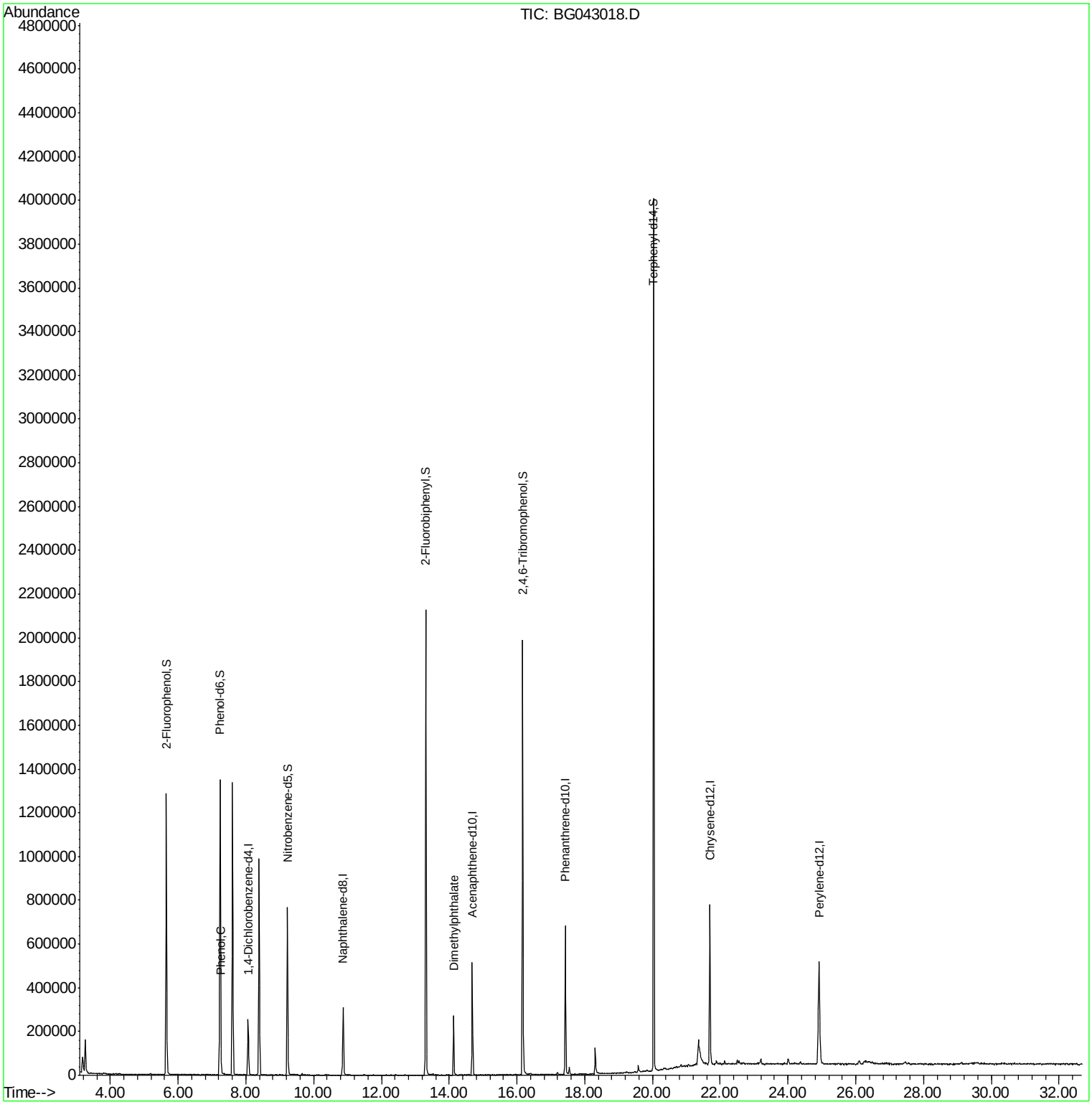
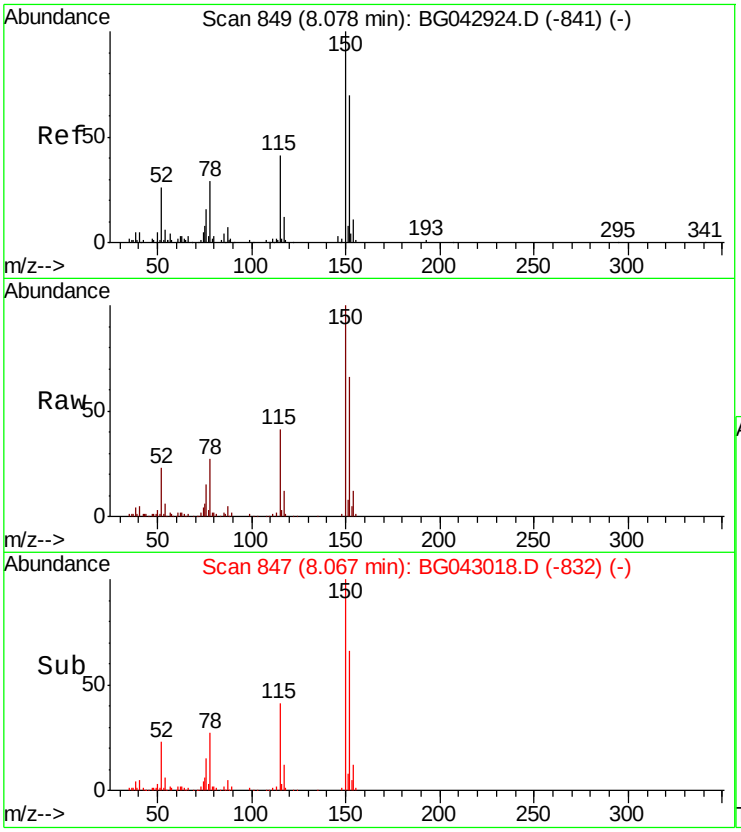


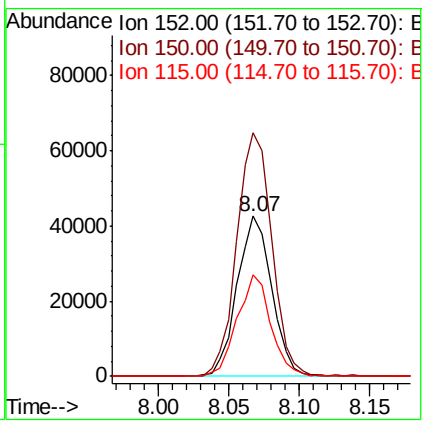


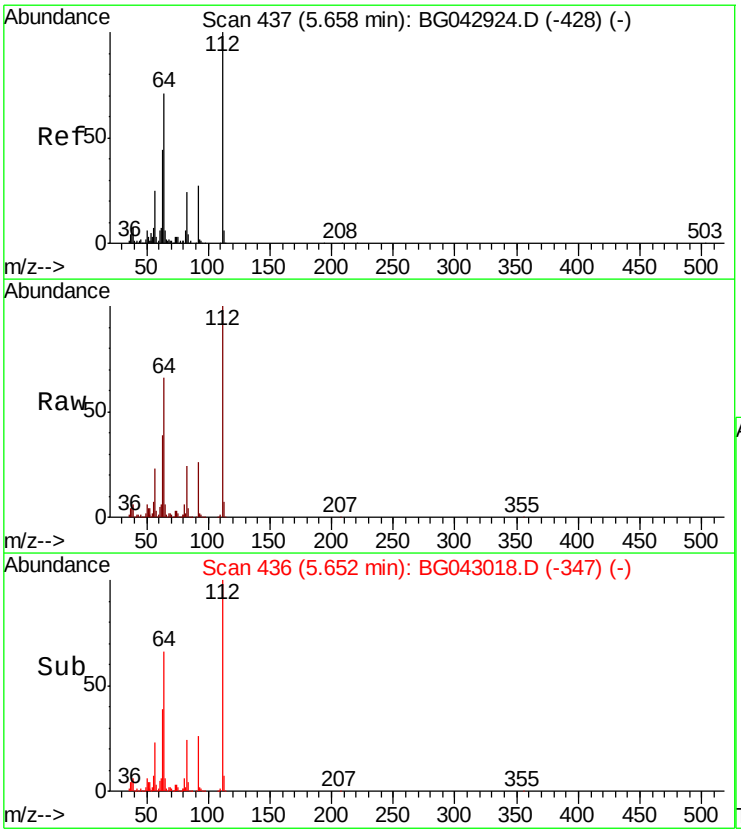
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Instrument :
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

Tgt Ion:152 Resp: 73257

Ion	Ratio	Lower	Upper
152	100		
150	152.2	115.0	172.4
115	63.1	47.0	70.6

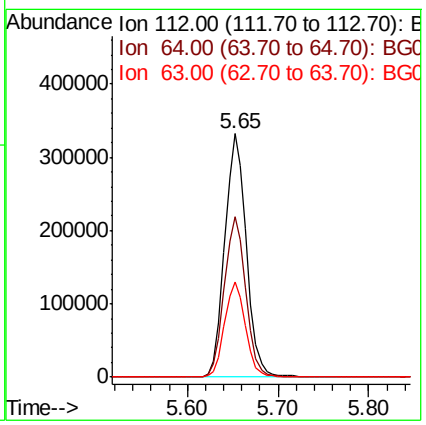


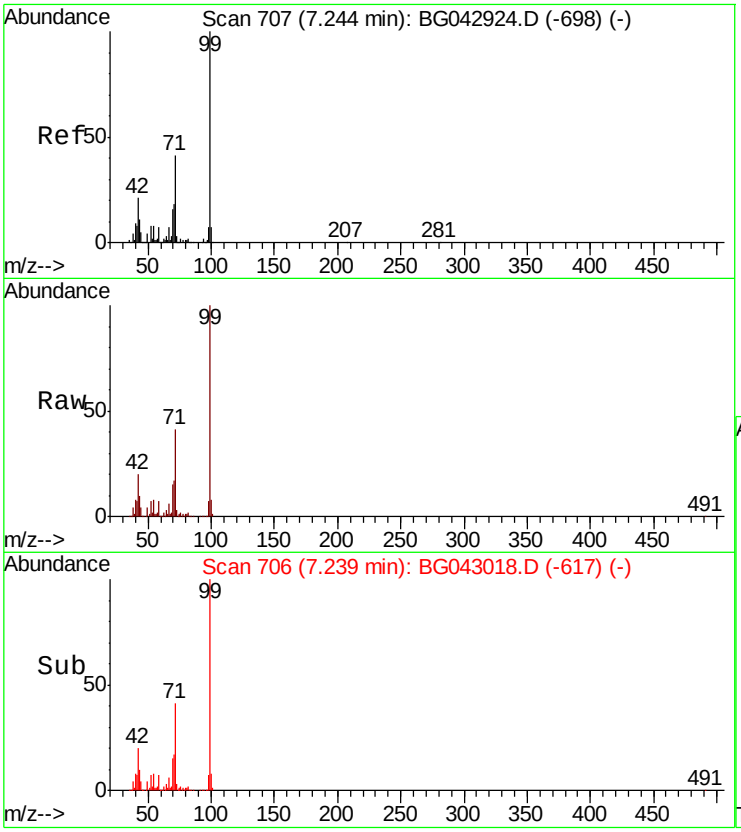


#5
2-Fluorophenol
Concen: 133.555 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Tgt Ion:112 Resp: 548229

Ion	Ratio	Lower	Upper
112	100		
64	65.8	56.6	84.8
63	38.9	35.1	52.7



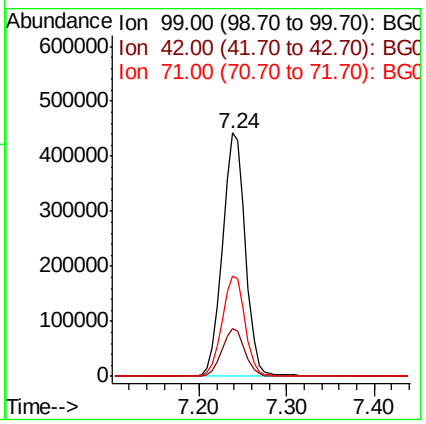


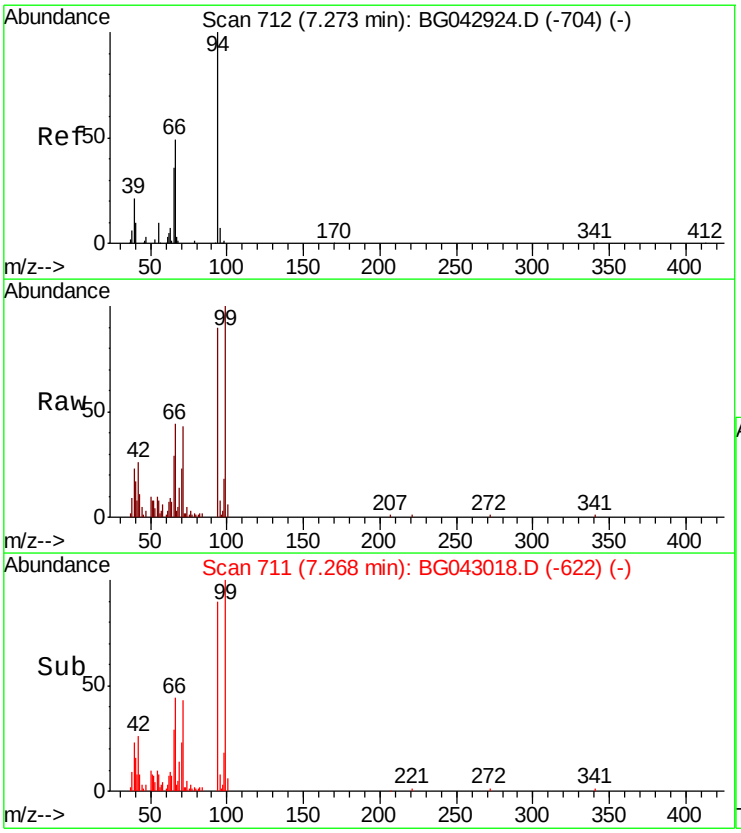
#7
Phenol-d6
Concen: 134.951 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Instrument :
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

Tgt Ion: 99 Resp: 797737

Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.2	25.8
71	41.2	33.1	49.7

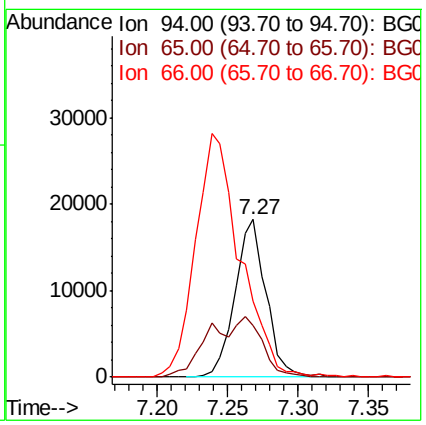


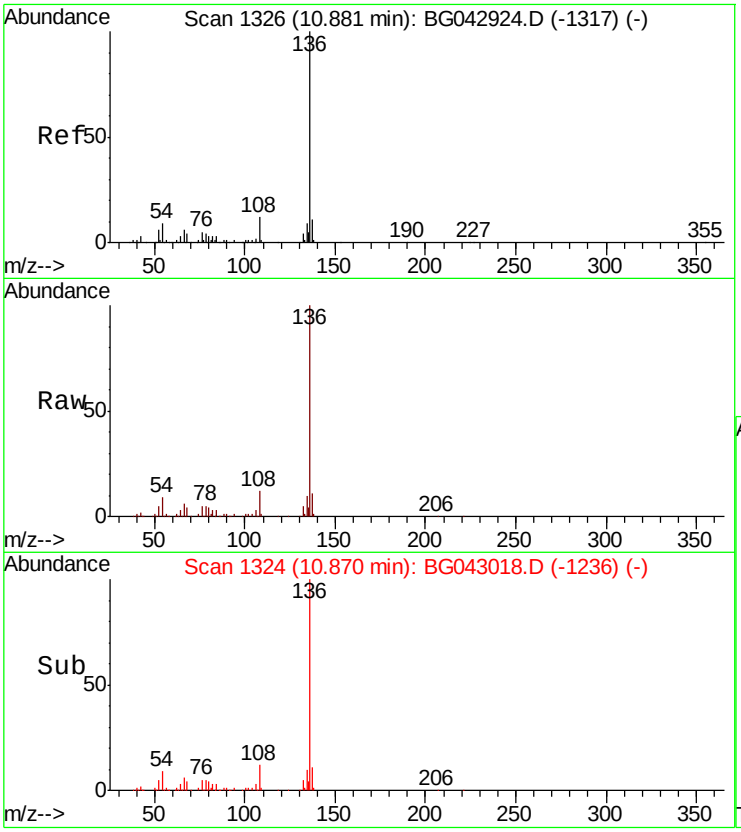


#10
Phenol
Concen: 5.171 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Tgt Ion: 94 Resp: 28043

Ion	Ratio	Lower	Upper
94	100		
65	32.5	16.6	56.6
66	48.4	32.4	72.4



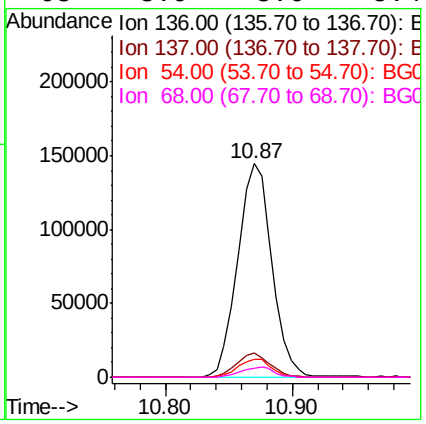


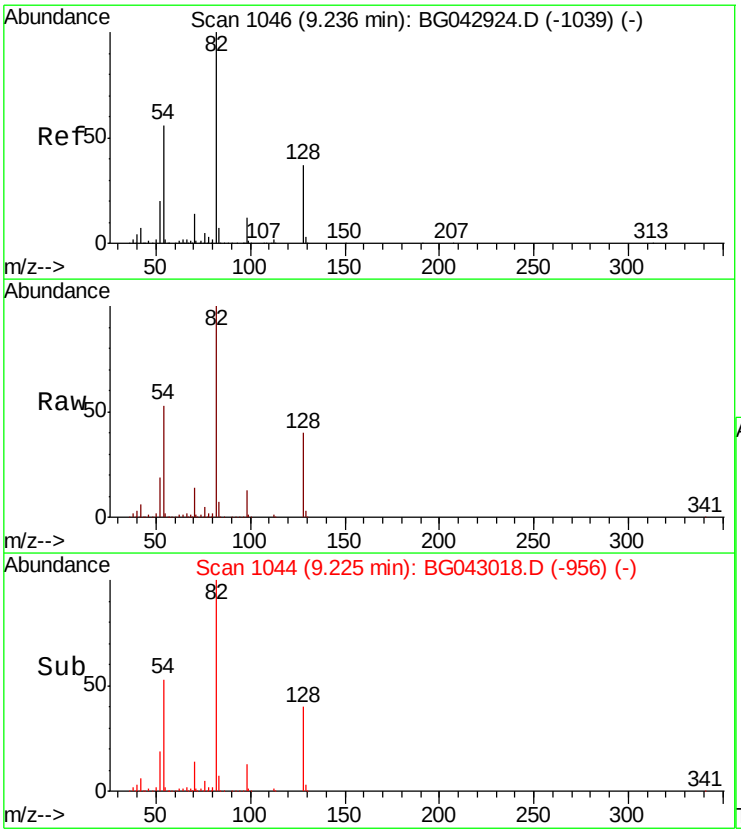
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Instrument :
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

Tgt Ion:136 Resp: 271202

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	8.7	7.4	11.2
68	3.9	3.6	5.4

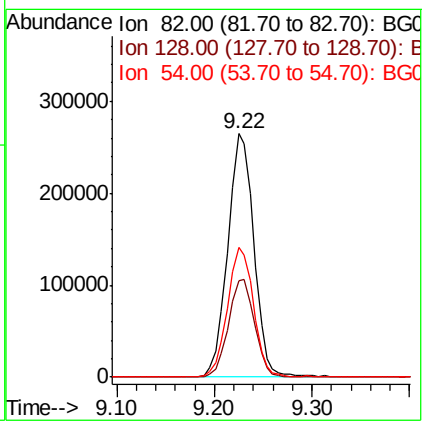


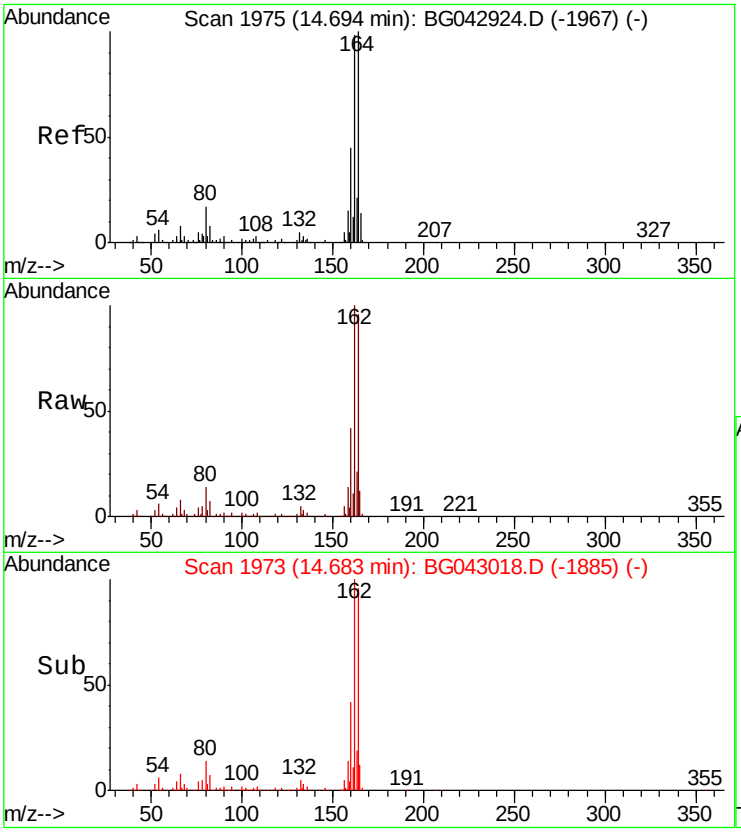


#23
Nitrobenzene-d5
Concen: 88.158 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Tgt Ion: 82 Resp: 491896

Ion	Ratio	Lower	Upper
82	100		
128	39.6	29.5	44.3
54	53.0	44.6	67.0



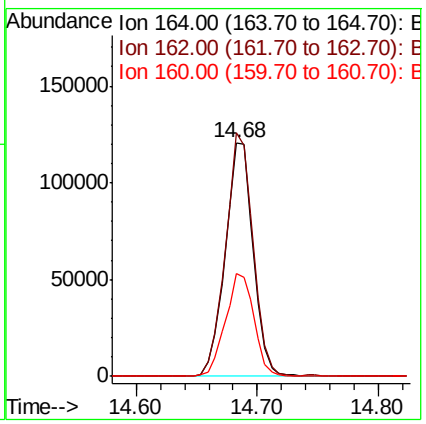


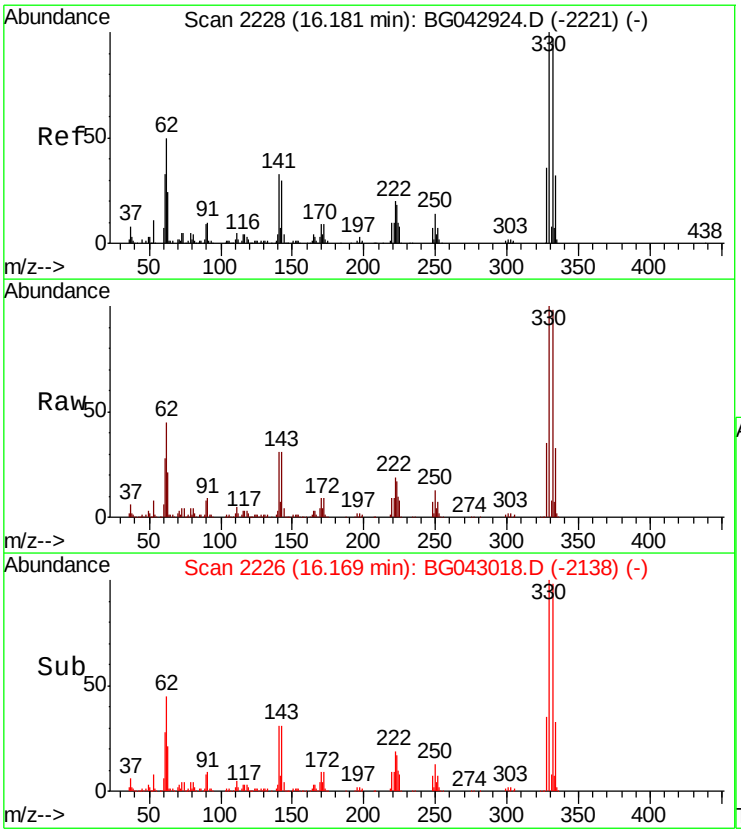
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Instrument :
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

Tgt Ion:164 Resp: 193500

Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.5	117.7
160	44.0	35.9	53.9

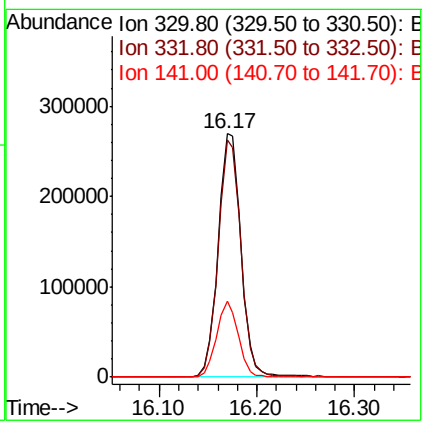


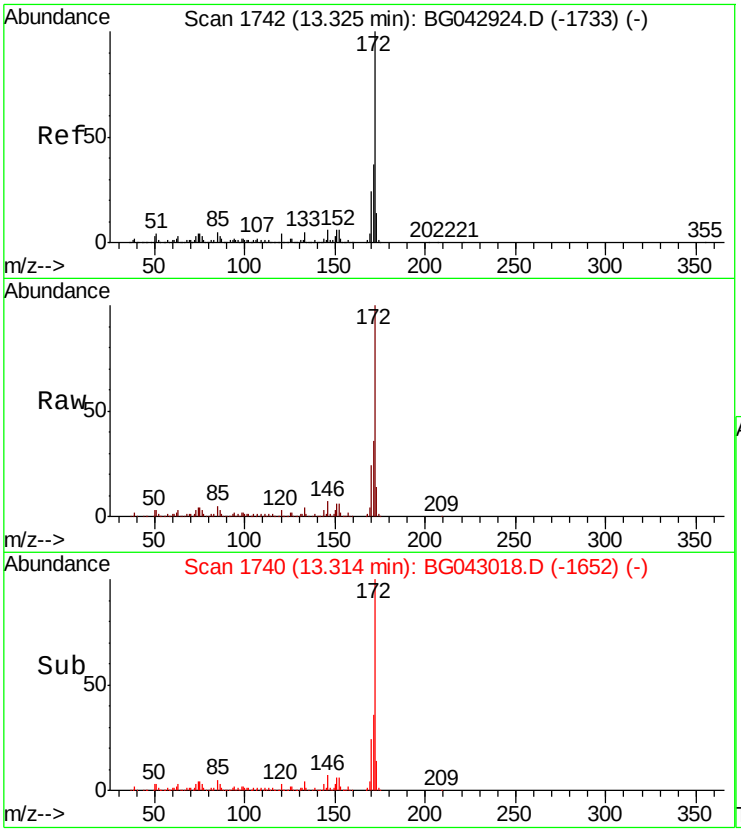


#42
2,4,6-Tribromophenol
Concen: 130.935 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Tgt Ion:330 Resp: 435666

Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.2	117.2
141	29.8	26.0	39.0



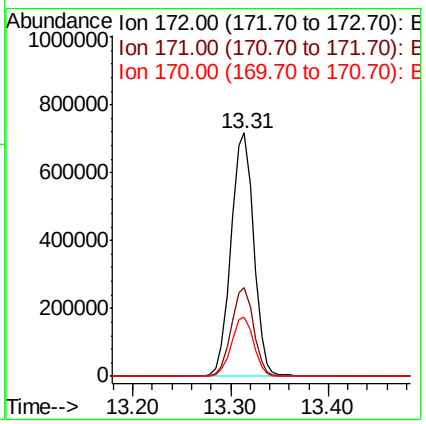


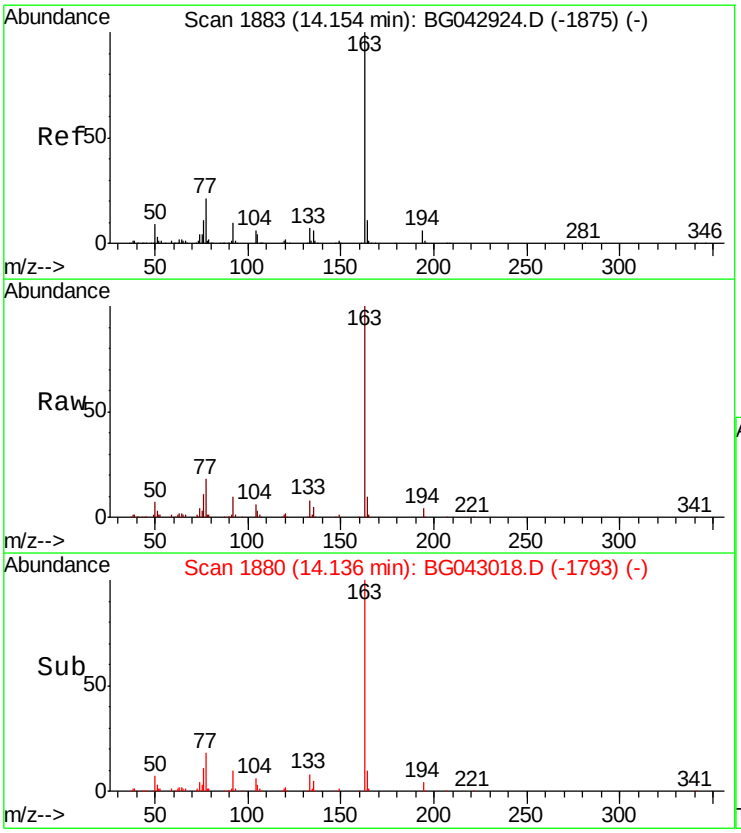
#45
2-Fluorobiphenyl
Concen: 86.877 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Instrument :
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

Tgt Ion:172 Resp: 1159601

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.1	19.6	29.4

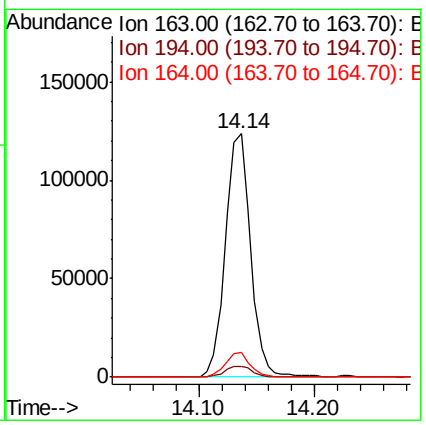


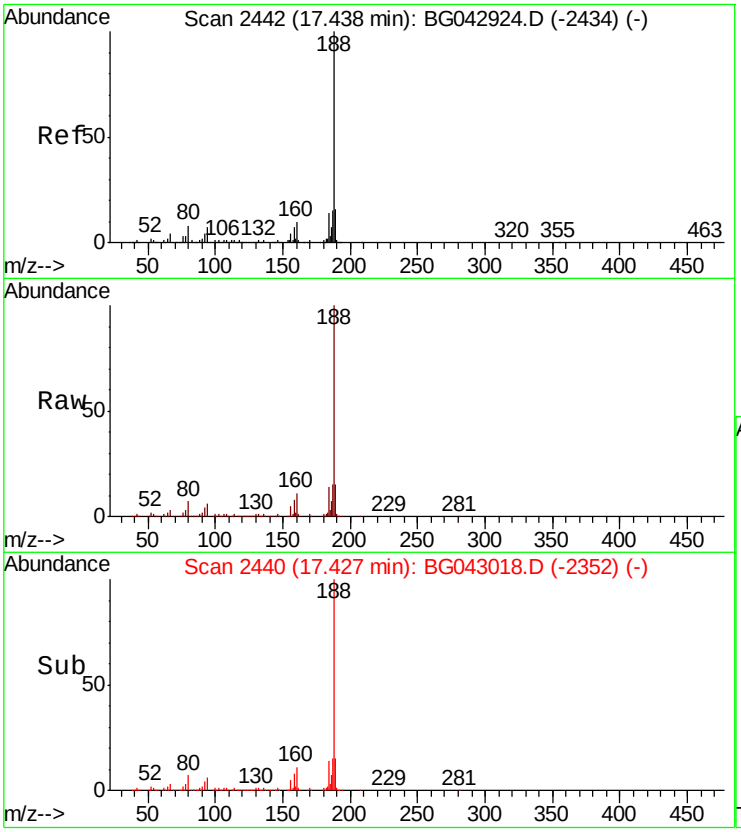


#50
Dimethylphthalate
Concen: 12.895 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Tgt Ion:163 Resp: 186962

Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.4	6.6#
164	10.4	8.6	12.8



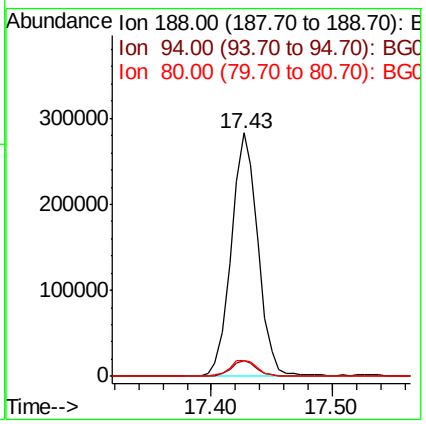


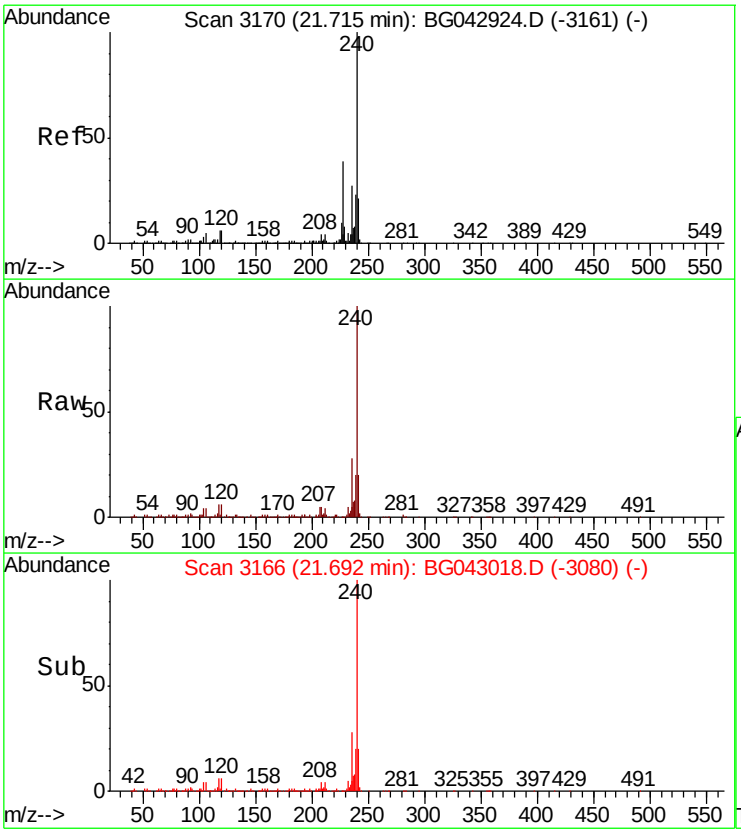
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Instrument :
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

Tgt Ion:188 Resp: 434597

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	6.5	6.5	9.7

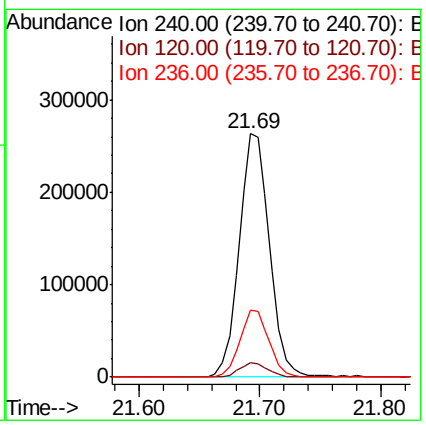


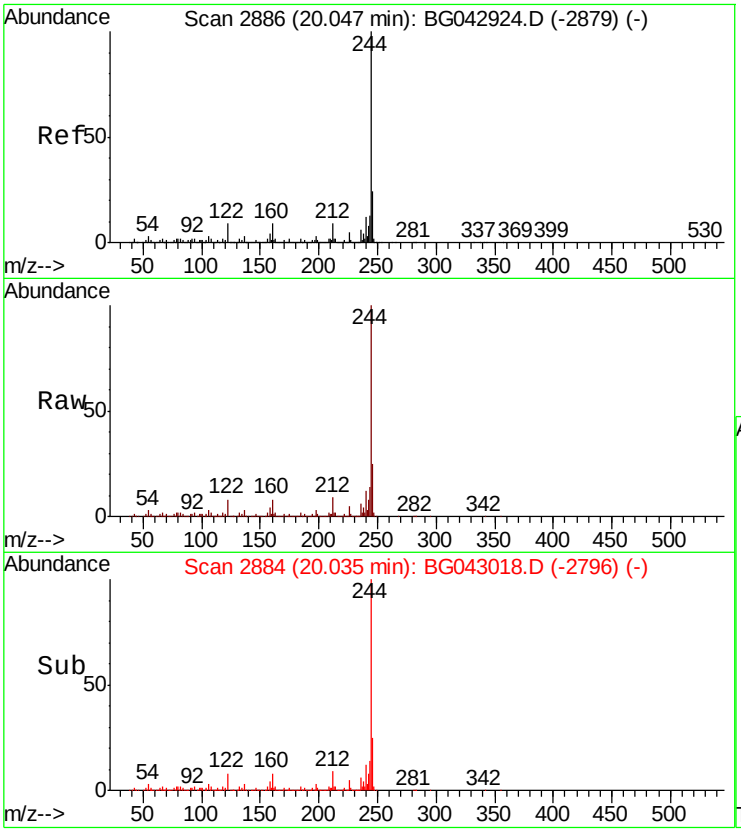


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Tgt Ion:240 Resp: 460238

Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.8	7.2
236	27.7	21.4	32.0



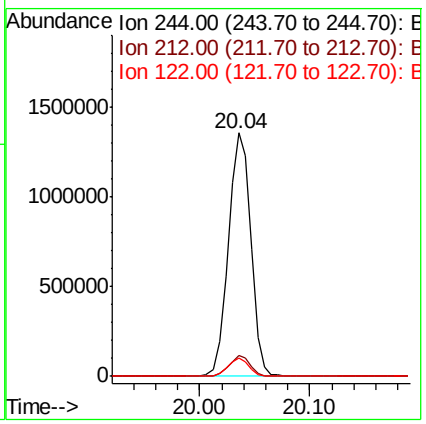


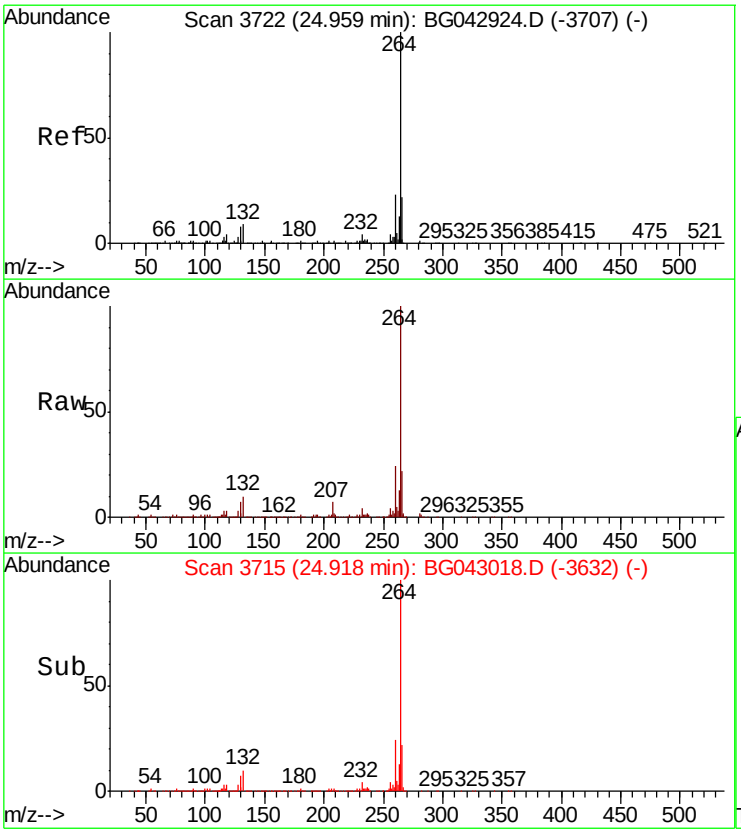
#79
Terphenyl-d14
Concen: 89.819 ng
RT: 20.04 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Instrument :
BNA_G
ClientSampleId :
2019070-SS-COMPOSITE-10

Tgt Ion:244 Resp: 1939955

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.0
122	7.7	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043018.D
Acq: 3 Oct 2019 19:05

Tgt Ion:264 Resp: 539259

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.3	17.7	26.5