Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
Data File : BG042818.D
Acq On : 13 Sep 2019 16:00
Operator : HP/JU
Sample : K4596-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S403-K1-2.0-2.5-082819

Quant Time: Sep 13 16:58:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	96121	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	383785	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	251692	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	543306	20.00	ng		-0.01
76) Chrysene-d12	21.75	240	514961	20.00	ng		-0.01
87) Perylene-d12	25.02	264	552970	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	596614	107.91	ng		0.00
7) Phenol-d6	7.27	99	918337	115.72	ng		0.00
23) Nitrobenzene-d5	9.27	82	569829	77.30	ng		-0.01
42) 2,4,6-Tribromophenol	16.22	330	374385	111.80	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1254154	78.88	ng		-0.01
79) Terphenyl-d14	20.08	244	1771145	76.23	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.29	94	44274	5.440	ng		92
15) Benzyl Alcohol	8.44	79	26830	3.940	ng	#	1
19) n-Nitroso-di-n-propylamine	9.27	70	80051	13.690	ng	#	72
27) 2,4-Dimethylphenol	10.16	122	76466	14.207	ng	#	2
32) Benzoic acid	10.16	122	76466	21.347	ng		91
50) Dimethylphthalate	14.18	163	145420	7.713	ng		99
57) 2,4-Dinitrotoluene	14.73	165	34070	6.607	ng	#	24
67) 4-Bromophenyl-phenylether	16.22	248	26890	4.089	ng	#	1
70) Pentachlorophenol	17.12	266	32070	7.694	ng		89
77) Benzidine	19.99	184	37413	2.600	ng	#	87

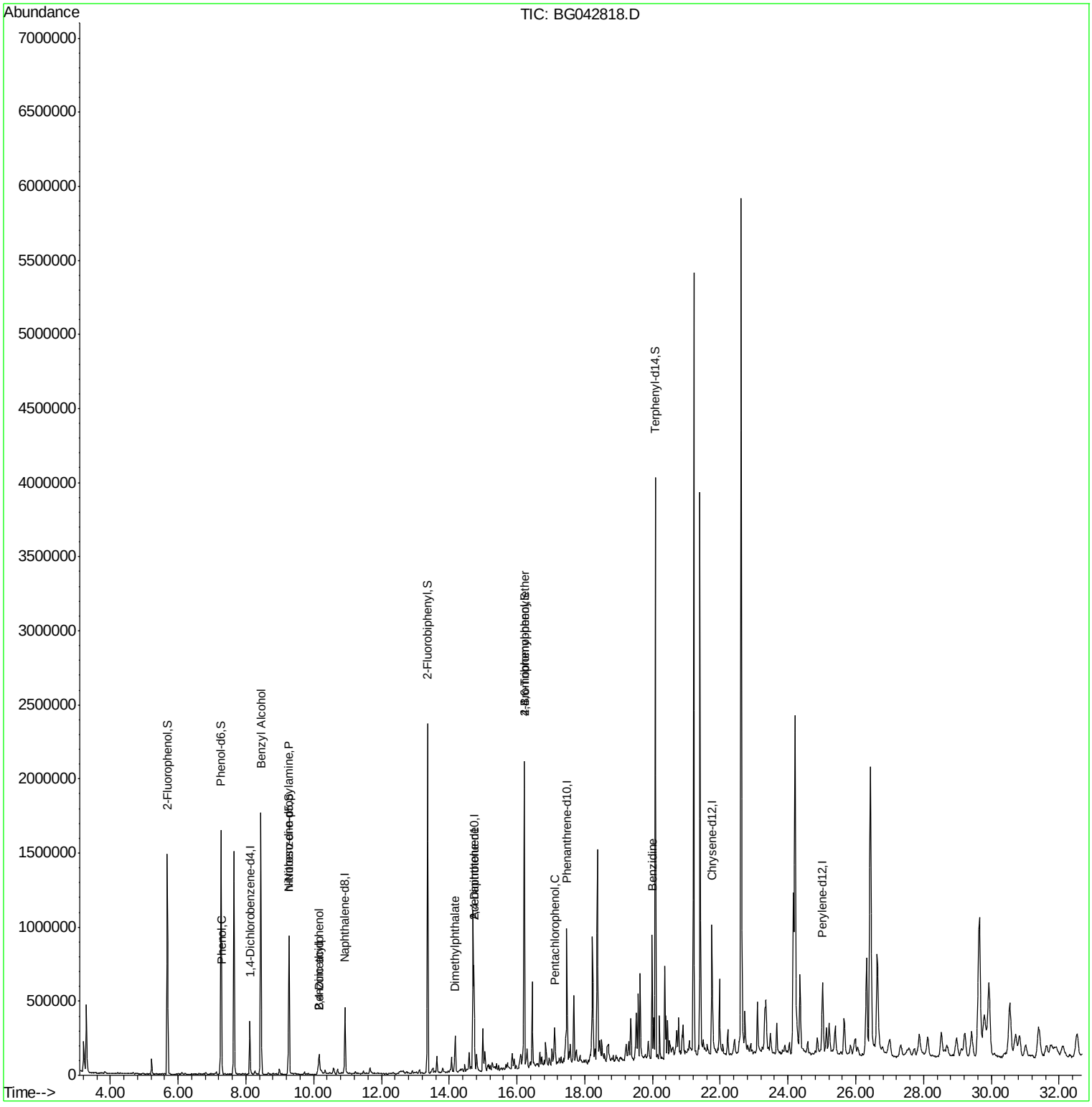
(#) = qualifier out of range (m) = manual integration (+) = signals summed

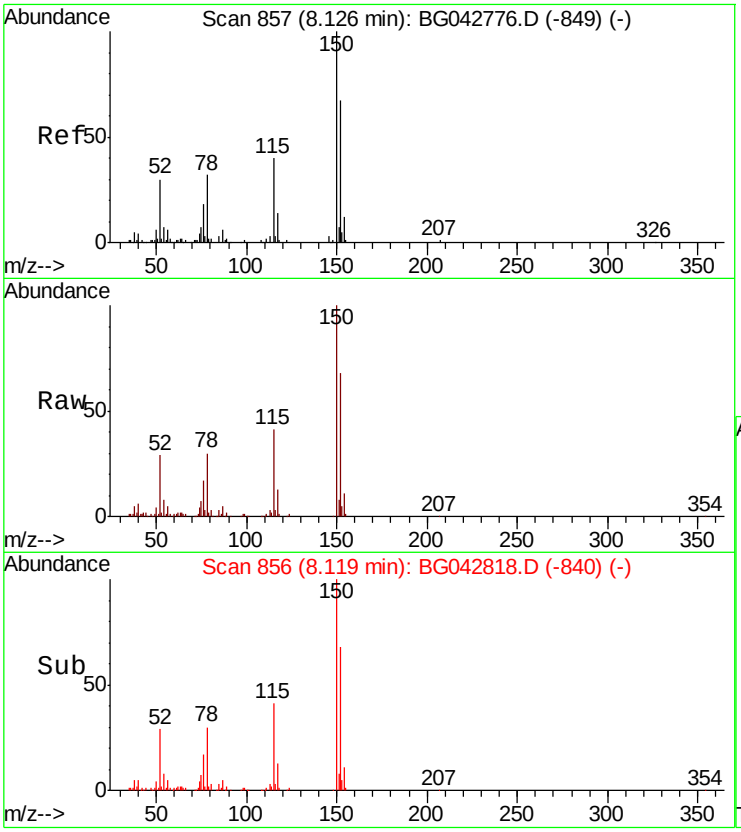
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
Data File : BG042818.D
Acq On : 13 Sep 2019 16:00
Operator : HP/JU
Sample : K4596-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Quant Time: Sep 13 16:58:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration



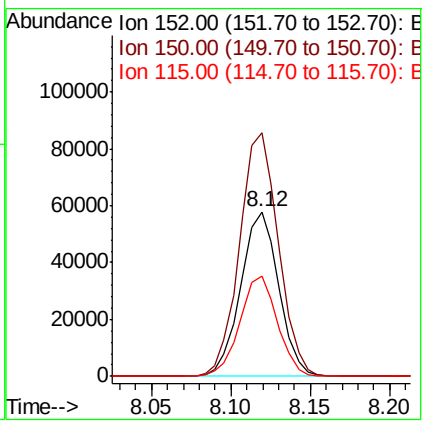


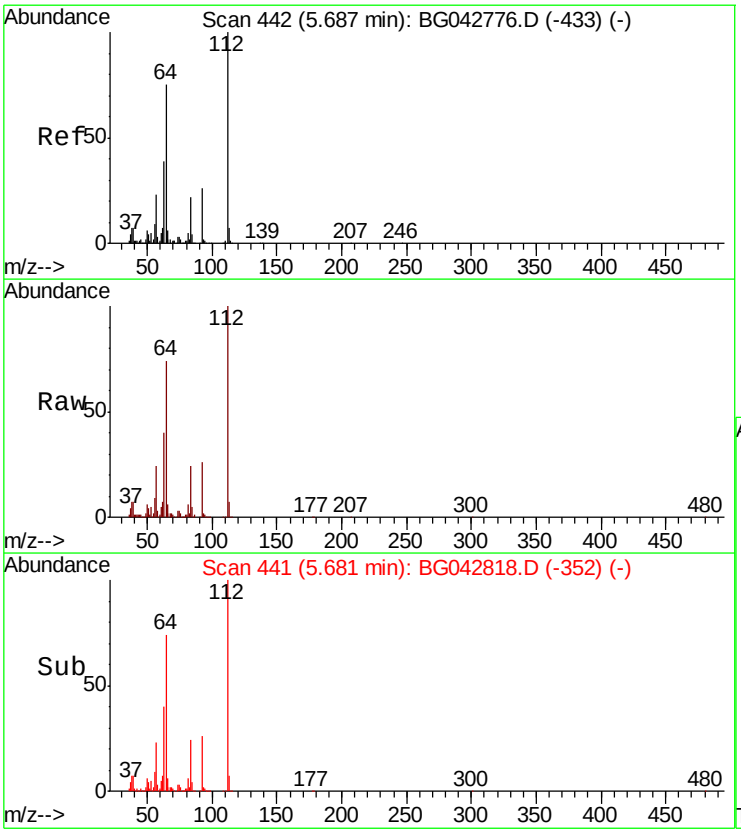
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Tgt Ion:152 Resp: 96121

Ion	Ratio	Lower	Upper
152	100		
150	147.8	118.9	178.3
115	60.7	47.4	71.2

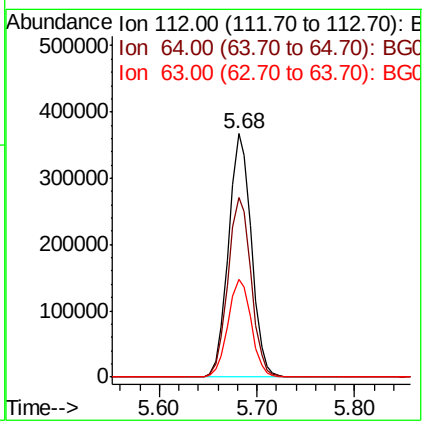


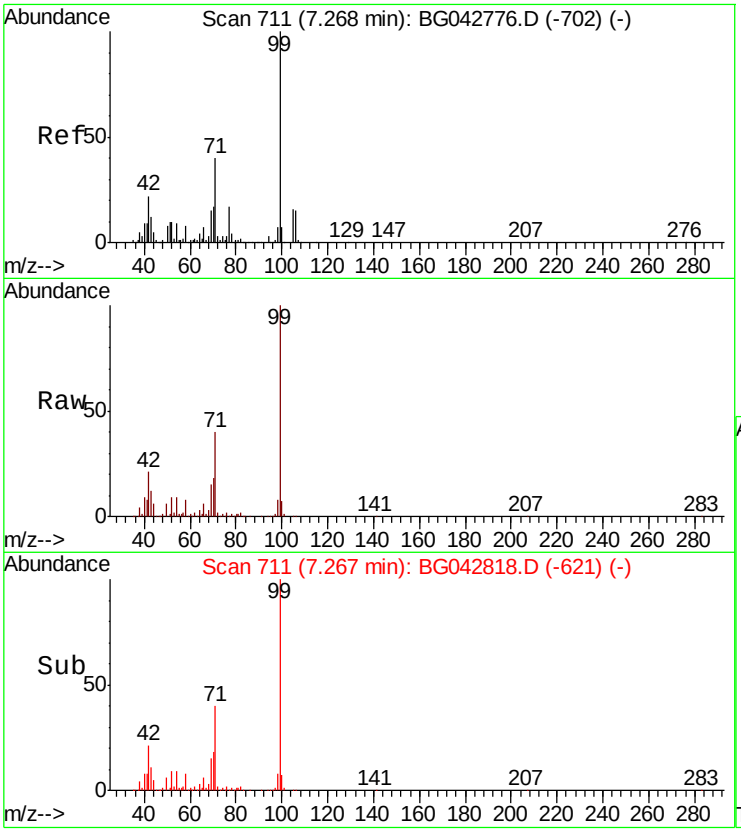


#5
2-Fluorophenol
Concen: 107.910 ng
RT: 5.68 min Scan# 441
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion:112 Resp: 596614

Ion	Ratio	Lower	Upper
112	100		
64	73.9	60.2	90.2
63	40.3	31.2	46.8



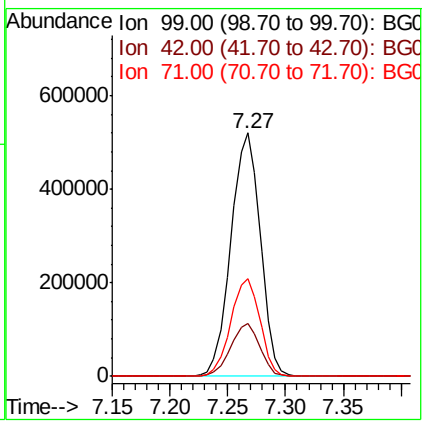


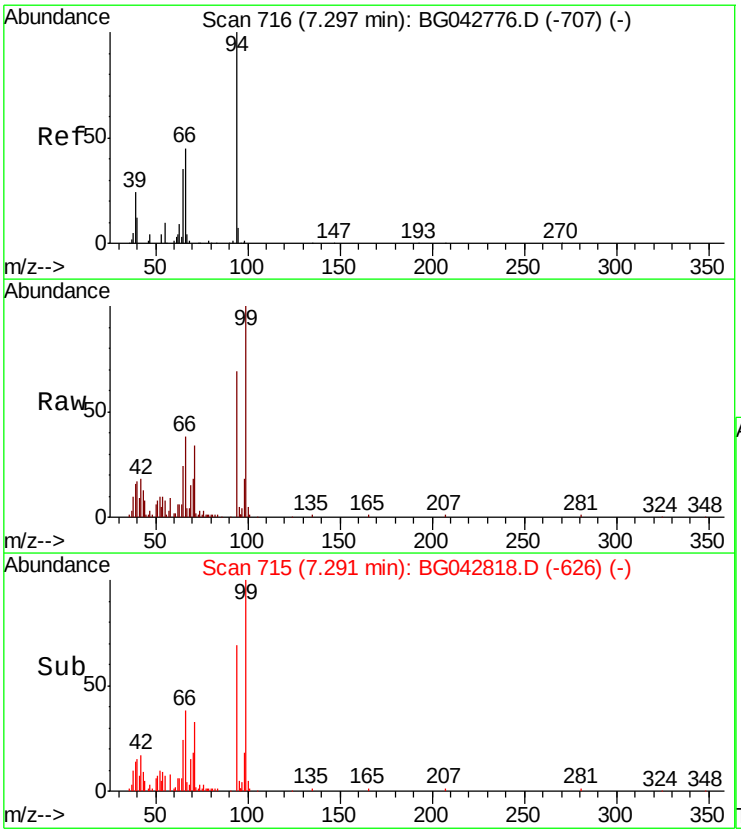
#7
Phenol-d6
Concen: 115.722 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Tgt Ion: 99 Resp: 918337

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.5	26.3
71	39.9	32.0	48.0

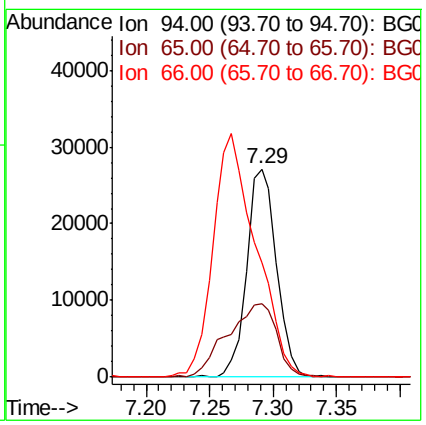


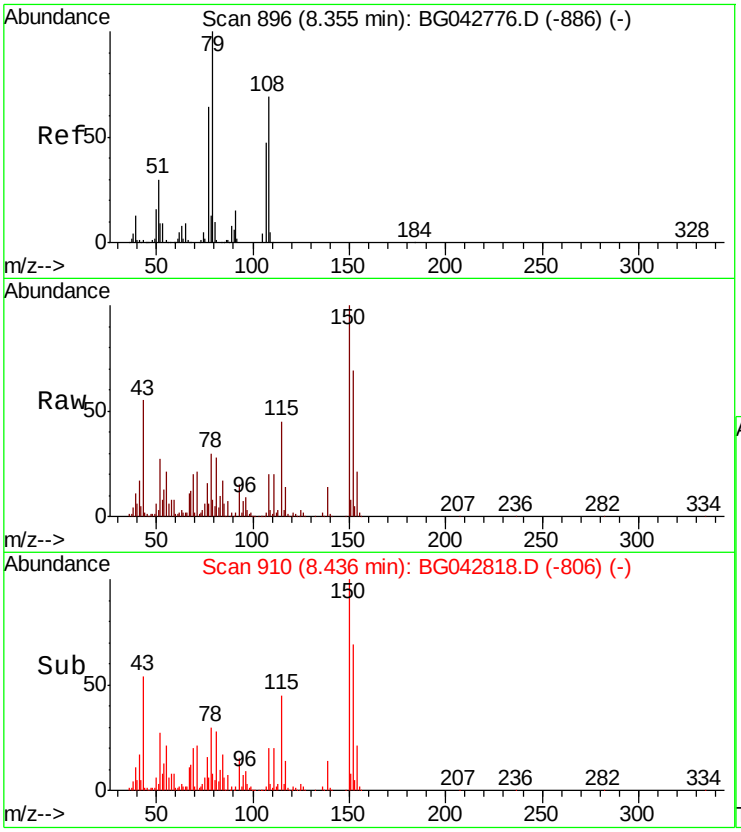


#10
Phenol
Concen: 5.440 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion: 94 Resp: 44274

Ion	Ratio	Lower	Upper
94	100		
65	35.1	15.0	55.0
66	54.9	26.1	66.1



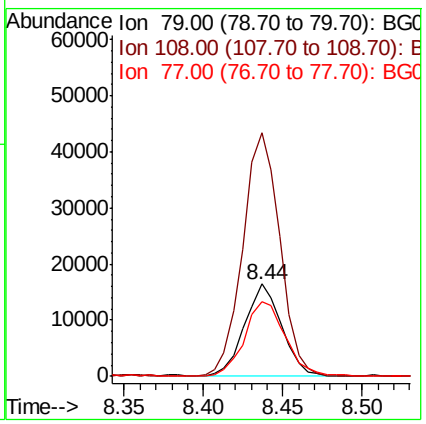


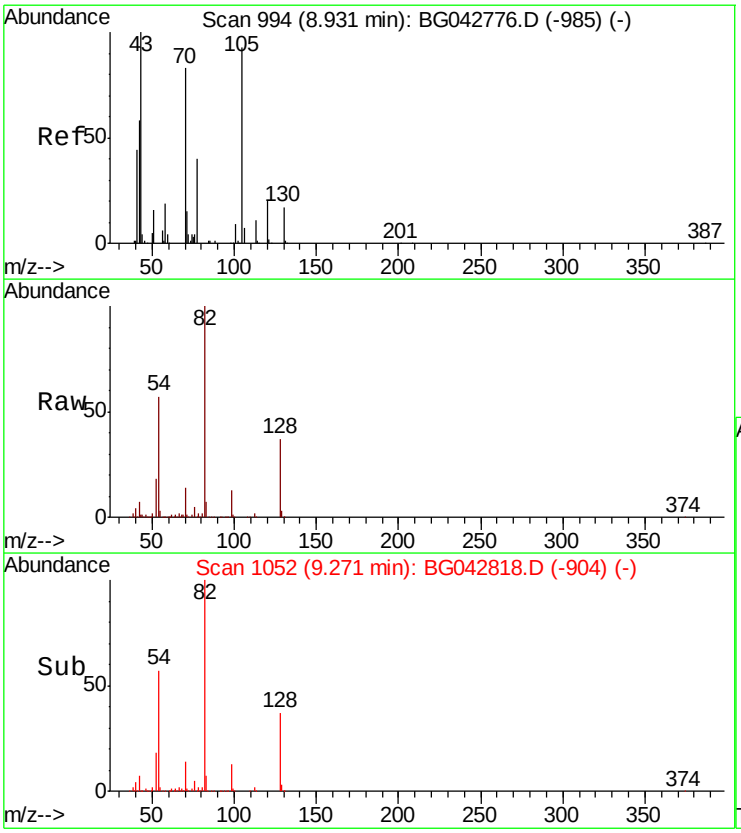
#15
Benzyl Alcohol
Concen: 3.940 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.08 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Tgt Ion: 79 Resp: 26830

Ion	Ratio	Lower	Upper
79	100		
108	263.5	54.9	82.3#
77	81.0	51.0	76.6#

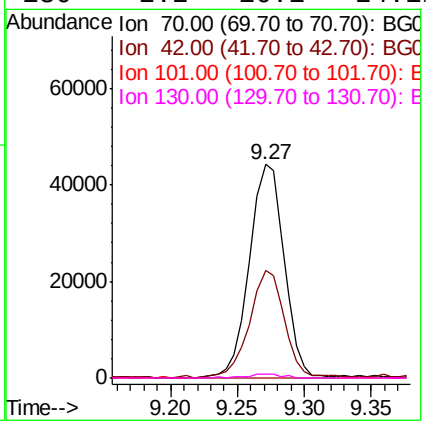


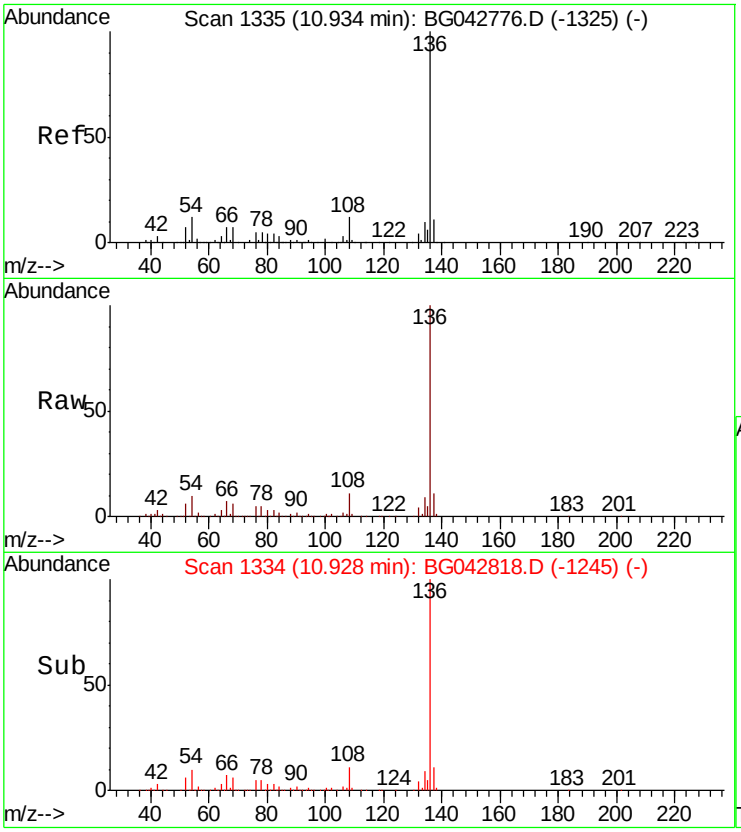


#19
n-Nitroso-di-n-propylamine
Concen: 13.690 ng
RT: 9.27 min Scan# 1052
Delta R.T. 0.34 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion: 70 Resp: 80051

Ion	Ratio	Lower	Upper
70	100		
42	50.3	57.0	85.6#
101	0.0	8.4	12.6#
130	2.2	16.1	24.1#



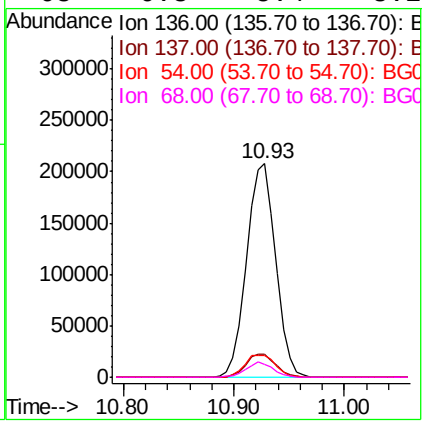


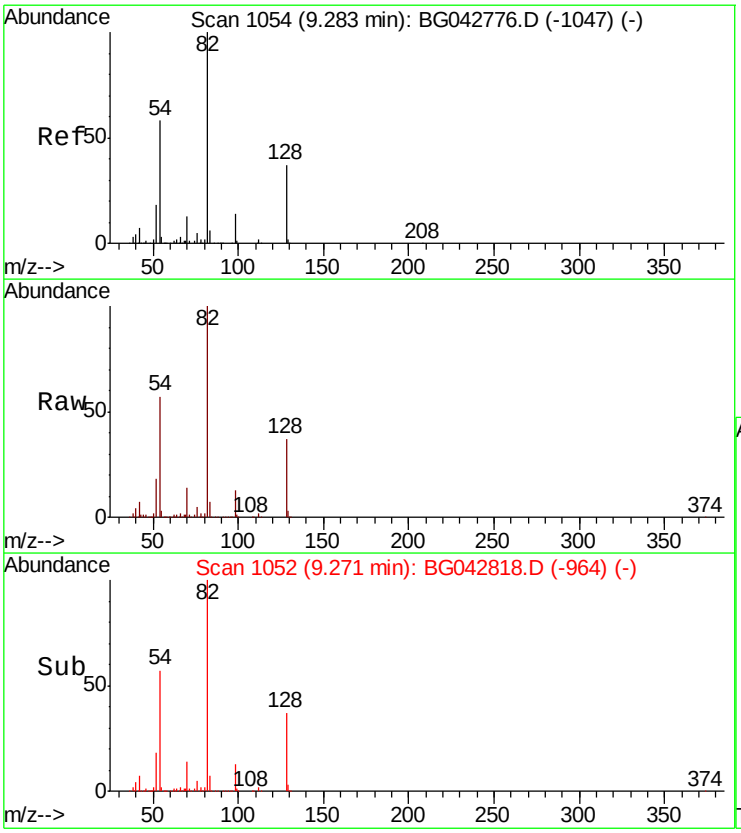
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Tgt Ion:136 Resp: 383785

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.5	9.4	14.0
68	6.3	5.4	8.2

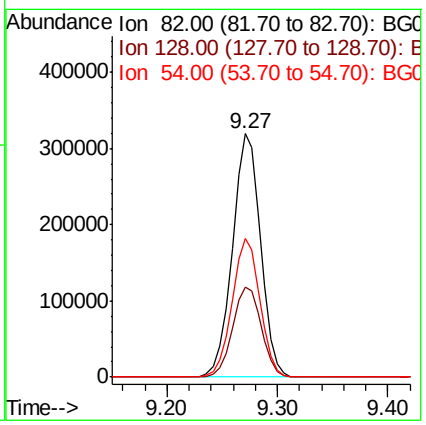


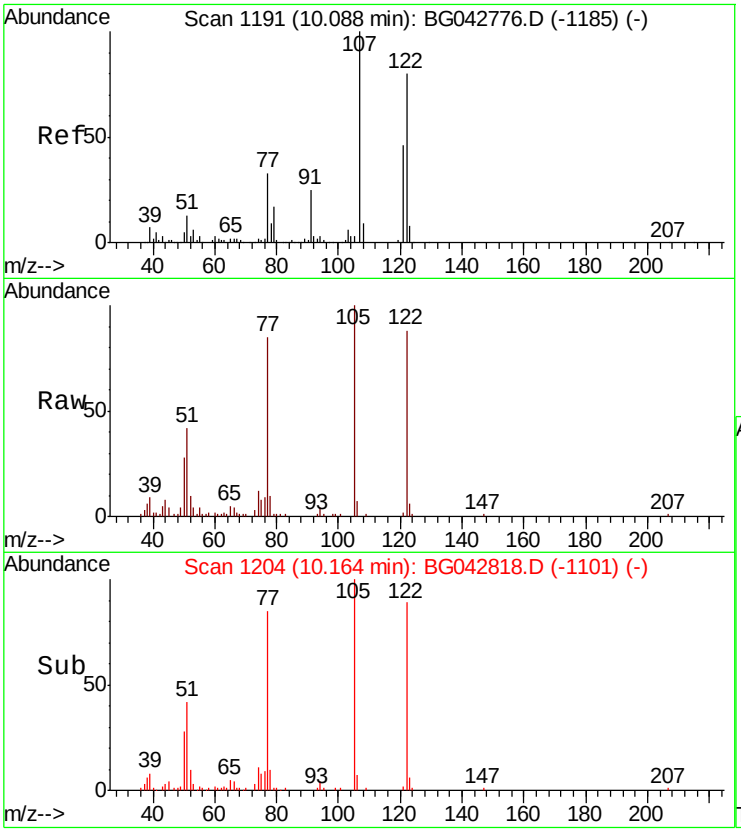


#23
Nitrobenzene-d5
Concen: 77.300 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion: 82 Resp: 569829

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.8	44.8
54	57.2	46.1	69.1



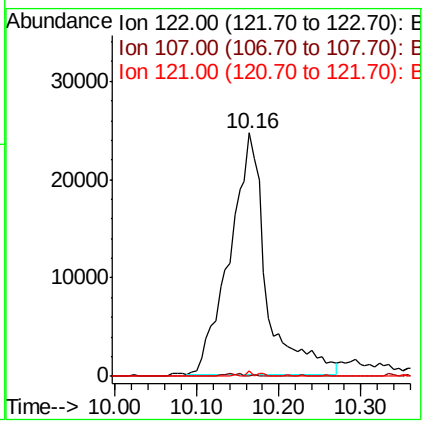


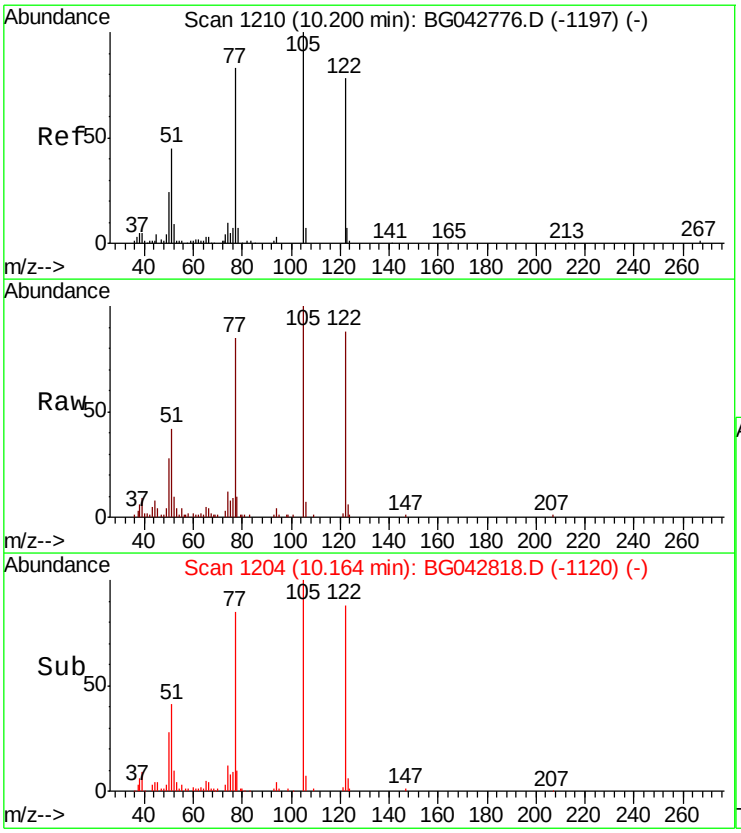
#27
2,4-Dimethylphenol
Concen: 14.207 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.08 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Tgt Ion:122 Resp: 76466

Ion	Ratio	Lower	Upper
122	100		
107	0.0	98.9	148.3#
121	2.2	46.2	69.2#

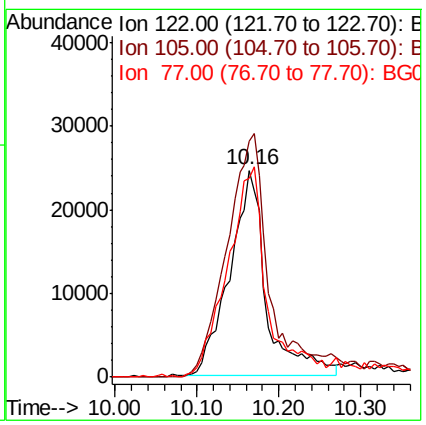


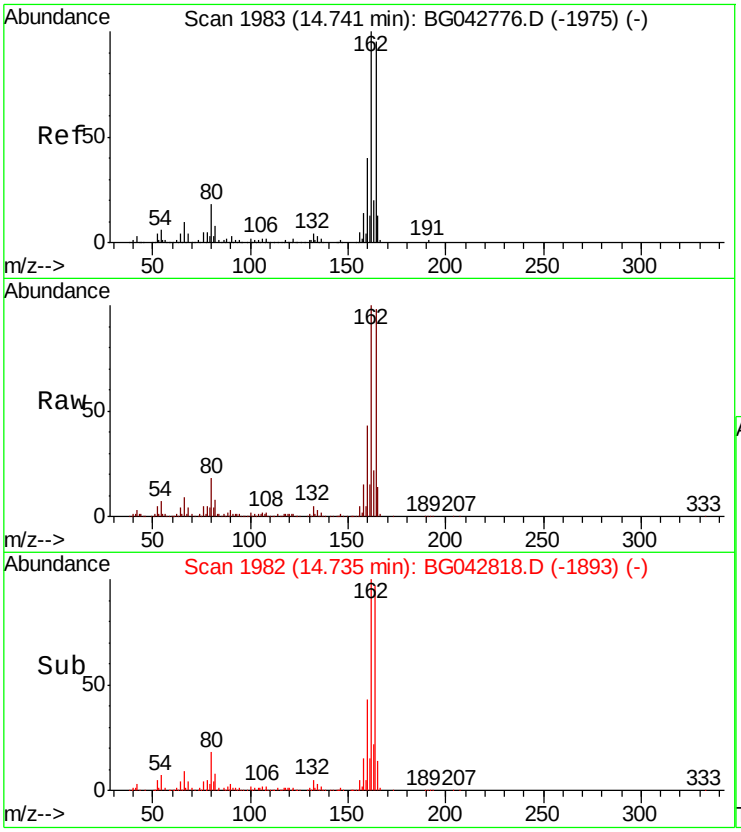


#32
Benzoic acid
Concen: 21.347 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion:122 Resp: 76466

Ion	Ratio	Lower	Upper
122	100		
105	113.6	104.0	144.0
77	96.2	84.2	124.2



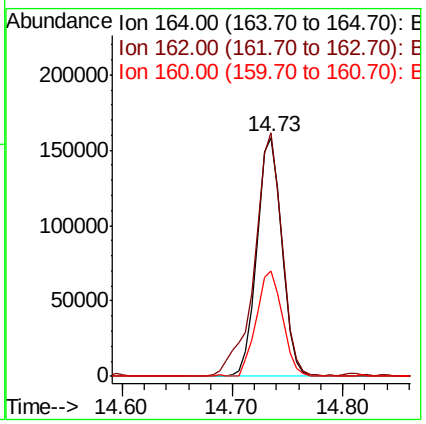


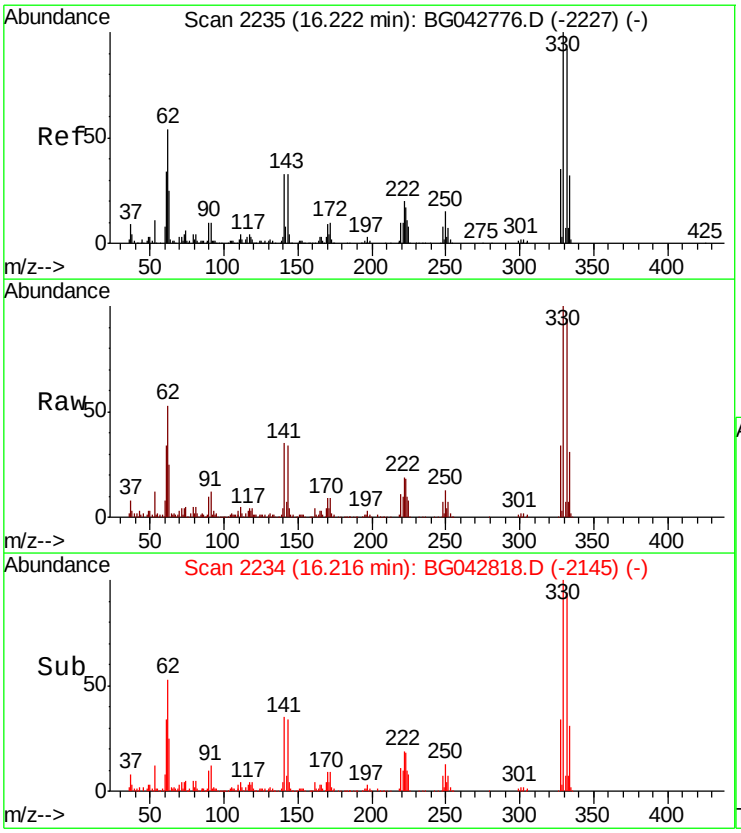
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Tgt Ion:164 Resp: 251692

Ion	Ratio	Lower	Upper
164	100		
162	101.9	84.6	126.8
160	44.0	34.2	51.2

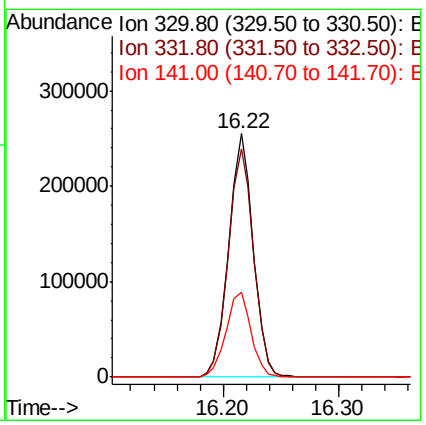


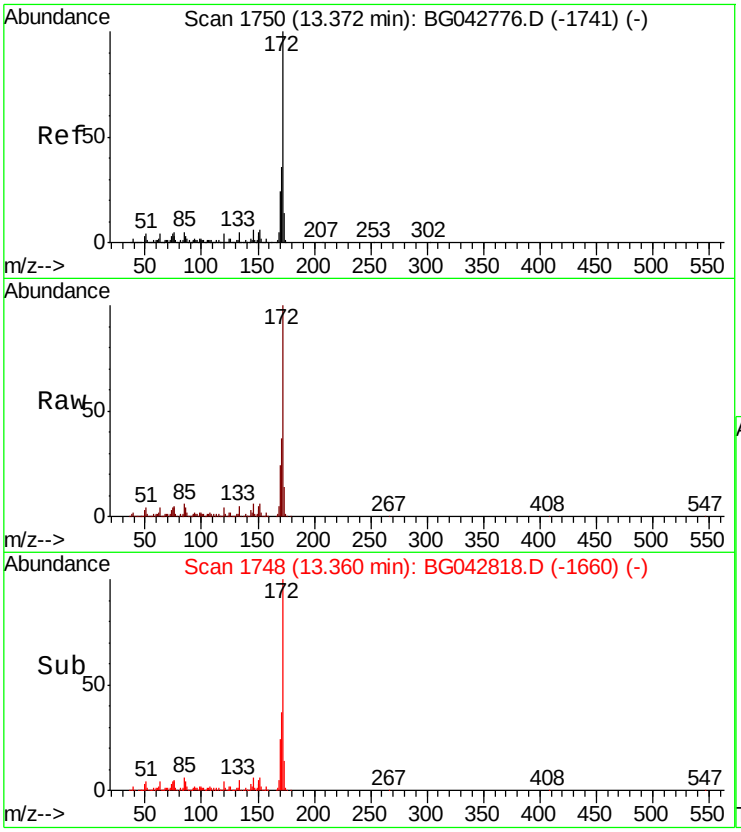


#42
2,4,6-Tribromophenol
Concen: 111.805 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion:330 Resp: 374385

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	35.6	27.0	40.6



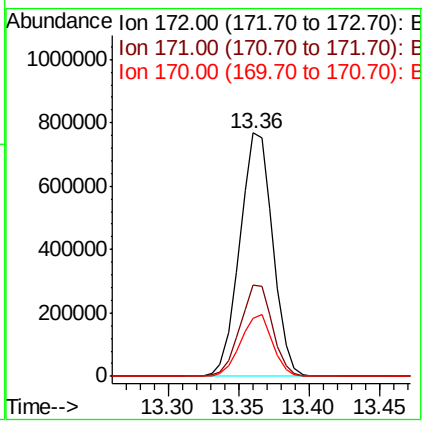


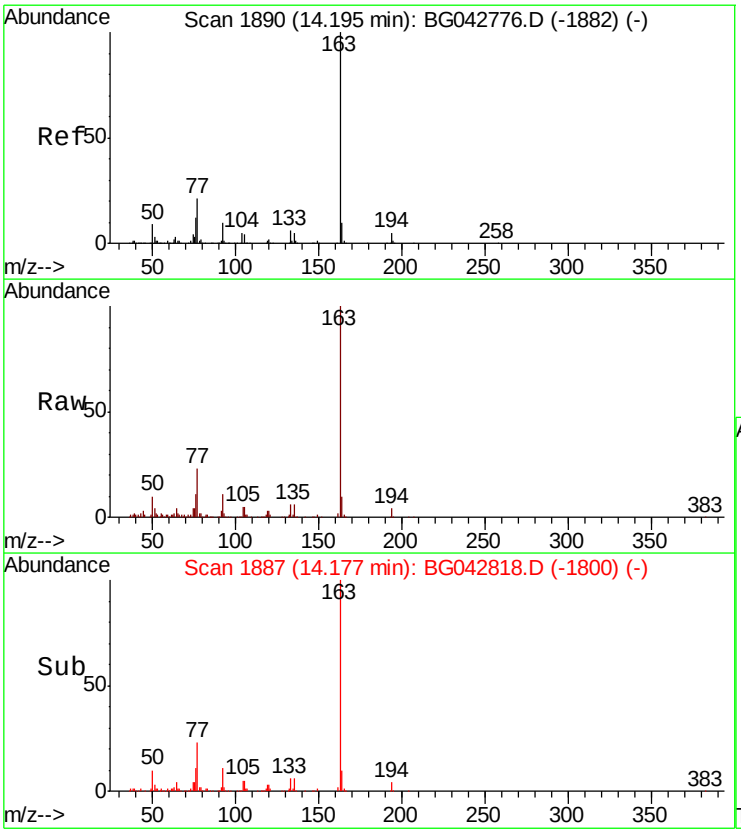
#45
2-Fluorobiphenyl
Concen: 78.876 ng
RT: 13.36 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Tgt Ion:172 Resp: 1254154

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.9	43.3
170	23.6	19.1	28.7

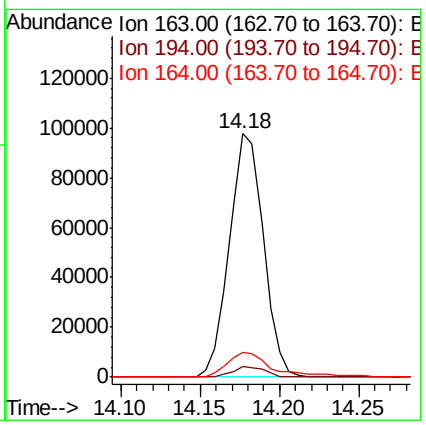


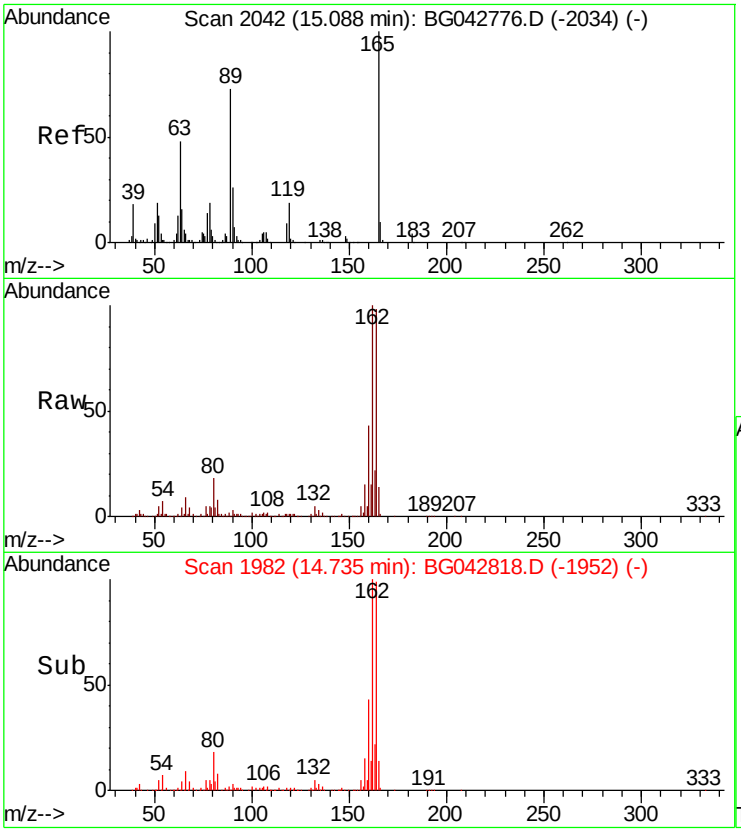


#50
Dimethylphthalate
Concen: 7.713 ng
RT: 14.18 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion:163 Resp: 145420

Ion	Ratio	Lower	Upper
163	100		
194	4.3	4.2	6.4
164	10.4	8.4	12.6



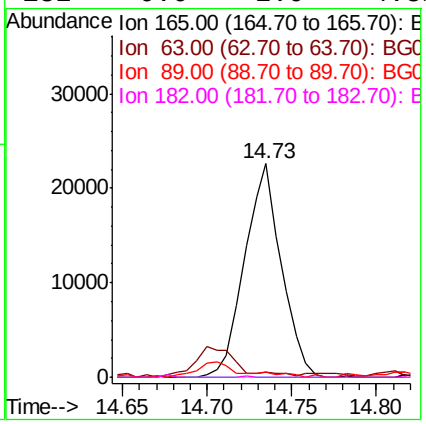


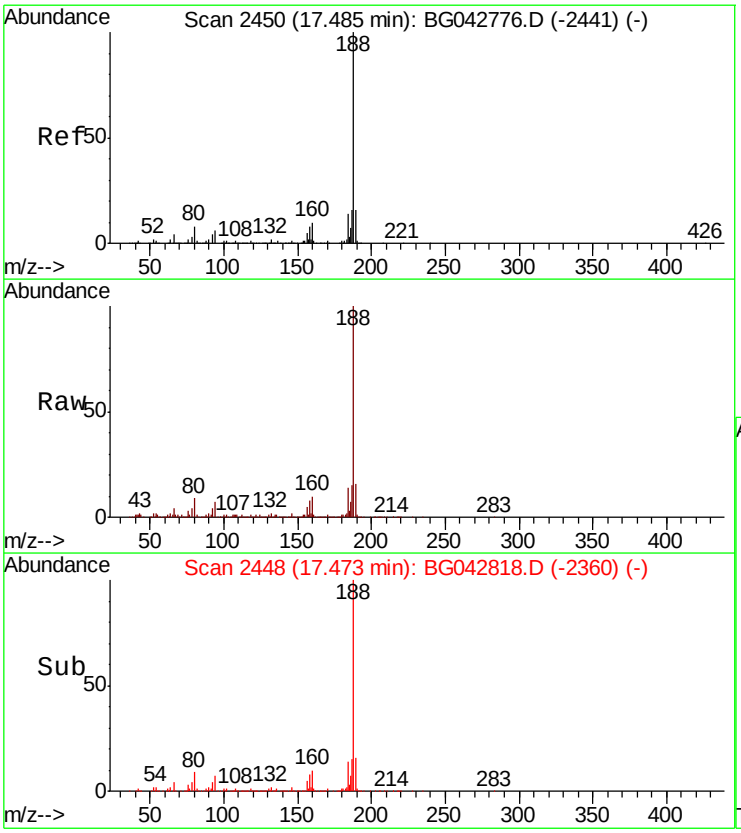
#57
2,4-Dinitrotoluene
Concen: 6.607 ng
RT: 14.73 min Scan# 1982
Delta R.T. -0.35 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Tgt Ion:165 Resp: 34070

Ion	Ratio	Lower	Upper
165	100		
63	2.2	38.3	57.5#
89	2.5	58.4	87.6#
182	0.0	2.9	4.3#

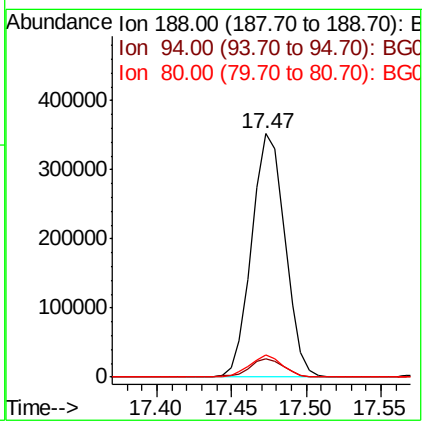


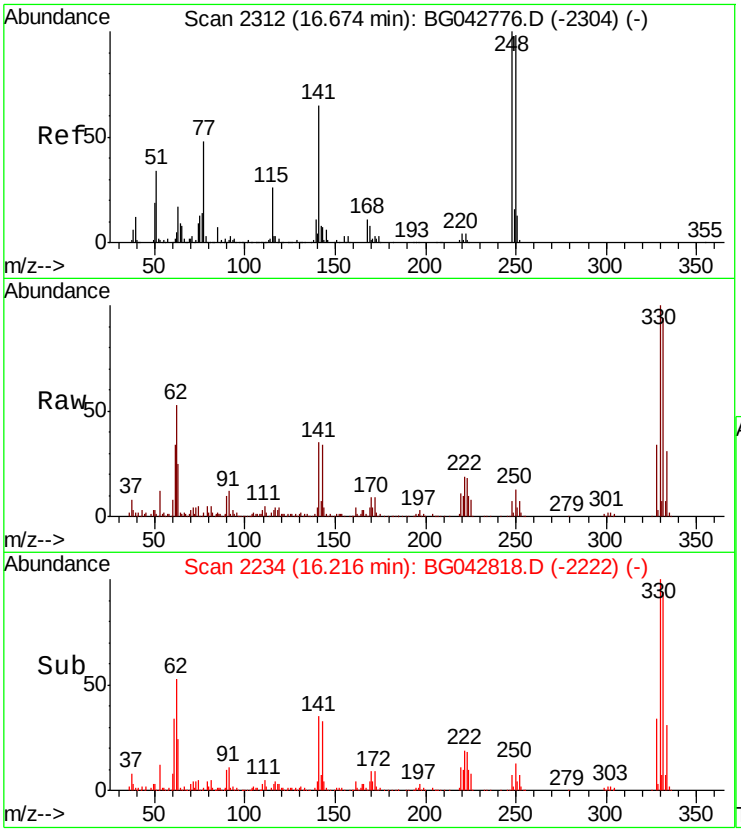


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion:188 Resp: 543306

Ion	Ratio	Lower	Upper
188	100		
94	7.5	4.8	7.2#
80	9.2	6.6	9.8



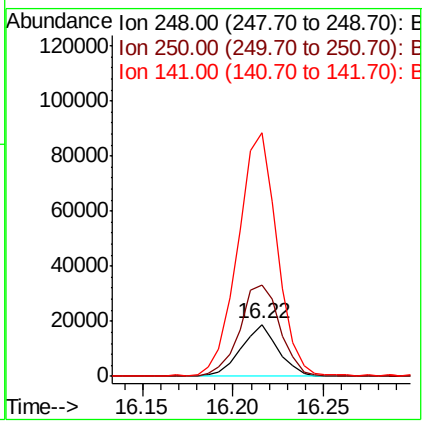


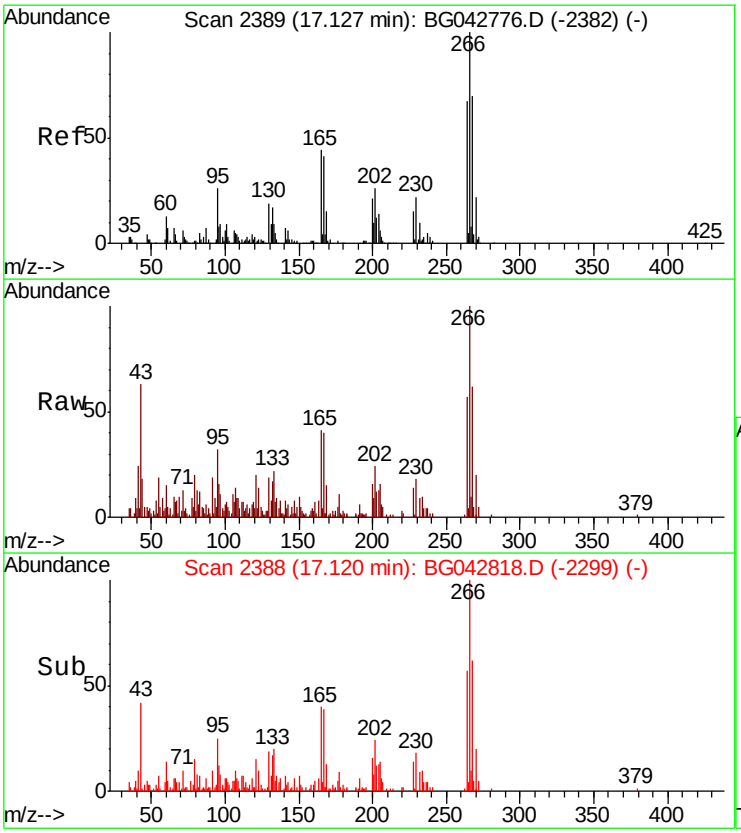
#67
4-Bromophenyl-phenylether
Concen: 4.089 ng
RT: 16.22 min Scan# 2234
Delta R.T. -0.46 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Tgt Ion:248 Resp: 26890

Ion	Ratio	Lower	Upper
248	100		
250	177.4	78.0	117.0#
141	469.9	51.8	77.6#

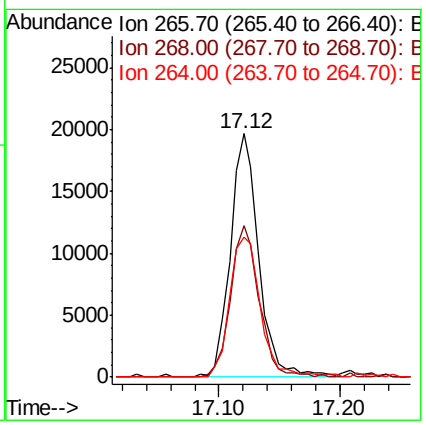


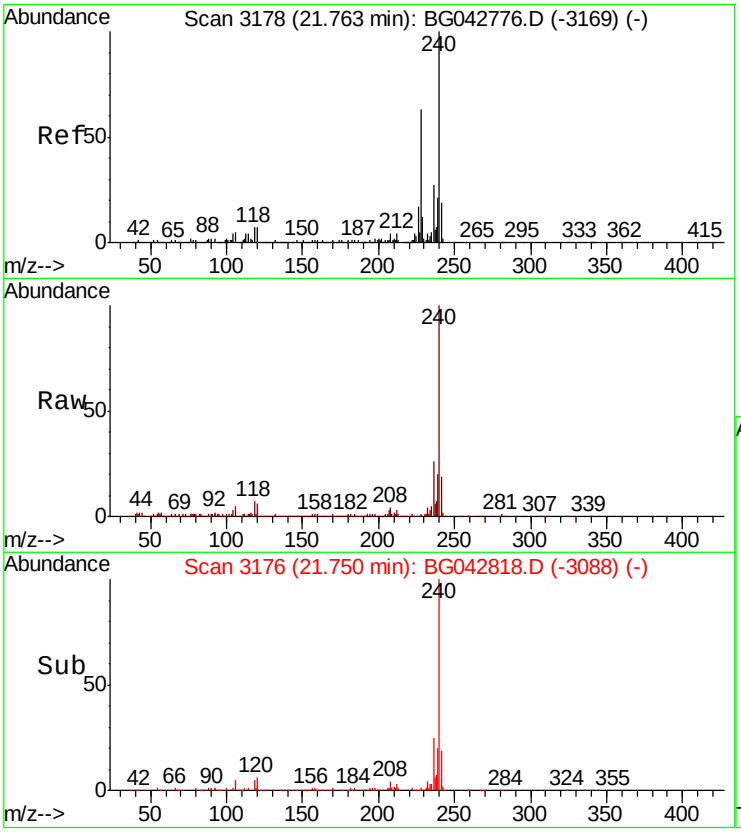


#70
Pentachlorophenol
Concen: 7.694 ng
RT: 17.12 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion:266 Resp: 32070

Ion	Ratio	Lower	Upper
266	100		
268	62.1	56.2	84.4
264	57.5	53.4	80.2



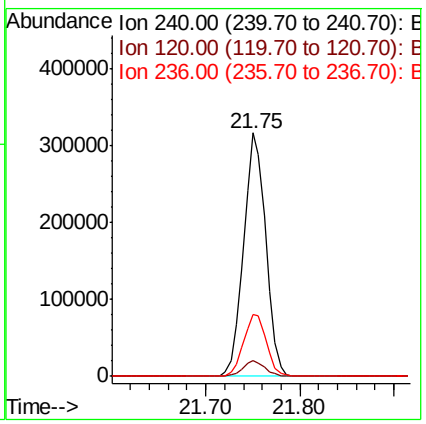


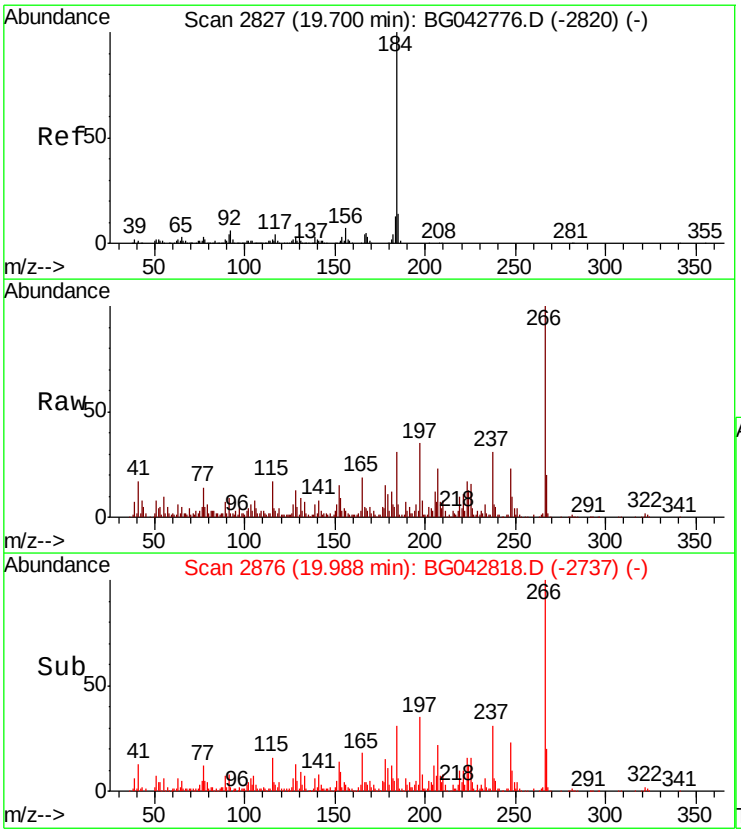
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Tgt Ion:240 Resp: 514961

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.4	8.2
236	25.7	21.7	32.5

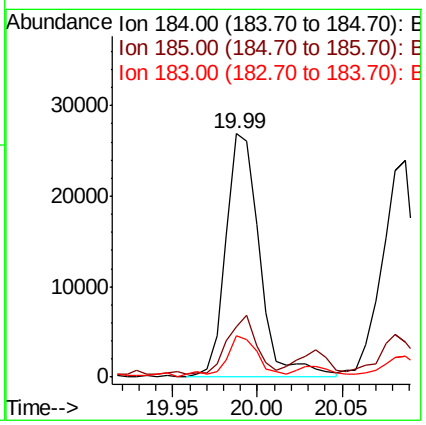


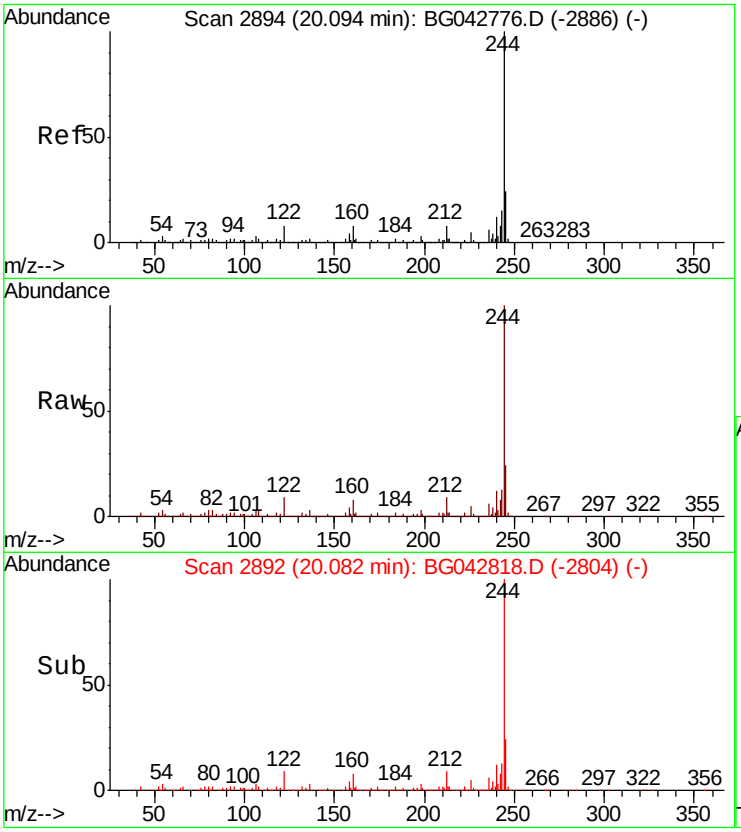


#77
Benzidine
Concen: 2.600 ng
RT: 19.99 min Scan# 2876
Delta R.T. 0.29 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion:184 Resp: 37413

Ion	Ratio	Lower	Upper
184	100		
185	20.7	11.6	17.4#
183	17.1	10.4	15.6#



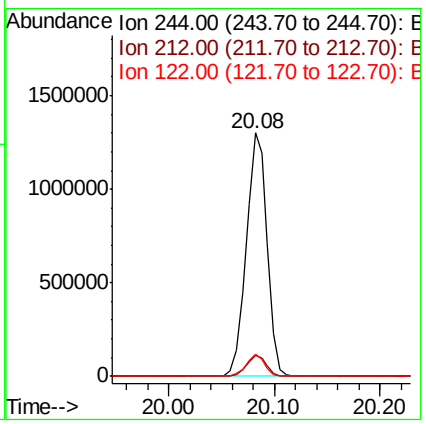


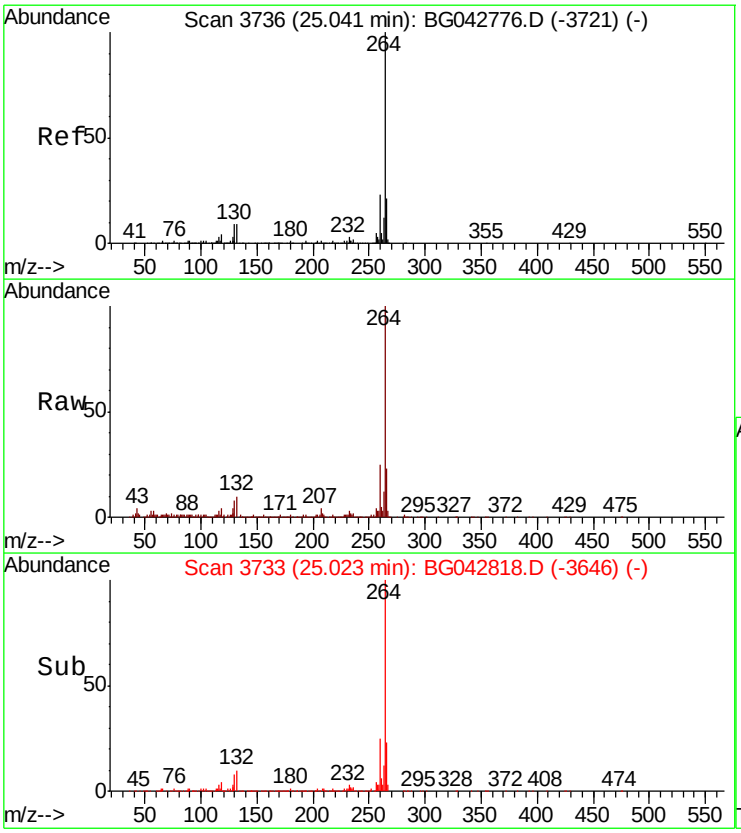
#79
Terphenyl-d14
Concen: 76.226 ng
RT: 20.08 min Scan# 2892
Delta R.T. -0.01 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Instrument :
BNA_F
ClientSampleId :
S403-K1-2.0-2.5-082819

Tgt Ion:244 Resp: 1771145

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.6	10.0
122	8.9	6.2	9.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG042818.D
Acq: 13 Sep 2019 16:00

Tgt Ion:264 Resp: 552970

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.2
265	23.5	16.9	25.3