Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046528.D
Acq On : 3 Sep 2020 22:53
Operator : CG/JU
Sample : L3877-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Time: Sep 04 01:24:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75601	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	295779	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	194795	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	474840	20.00	ng		0.00
76) Chrysene-d12	21.55	240	510409	20.00	ng		0.00
86) Perylene-d12	24.65	264	499280	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	479984	112.45	ng		0.00
7) Phenol-d6	7.10	99	568914	94.02	ng		0.00
23) Nitrobenzene-d5	9.08	82	450862	87.12	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	298595	113.13	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1071327	83.96	ng		0.00
79) Terphenyl-d14	19.92	244	1855164	77.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	9220	5.192	ng	#	1
18) Hexachloroethane	9.04	117	7917	4.072	ng	#	1
19) n-Nitroso-di-n-propylamine	9.08	70	57364	15.849	ng	#	76
32) Benzoic acid	10.22	122	134	4.528	ng	#	65
37) 2-Methylnaphthalene	12.39	142	175610	15.418	ng		99
38) 1-Methylnaphthalene	12.60	142	305173	28.286	ng		99
52) Acenaphthene	14.62	154	29753	2.755	ng		93
58) Fluorene	15.61	166	34277	2.356	ng		99
67) 4-Bromophenyl-phenylether	16.05	248	22831	4.121	ng	#	1
71) Phenanthrene	17.34	178	60955	2.533	ng		95
77) Benzidine	19.92	184	28944	2.440	ng		97

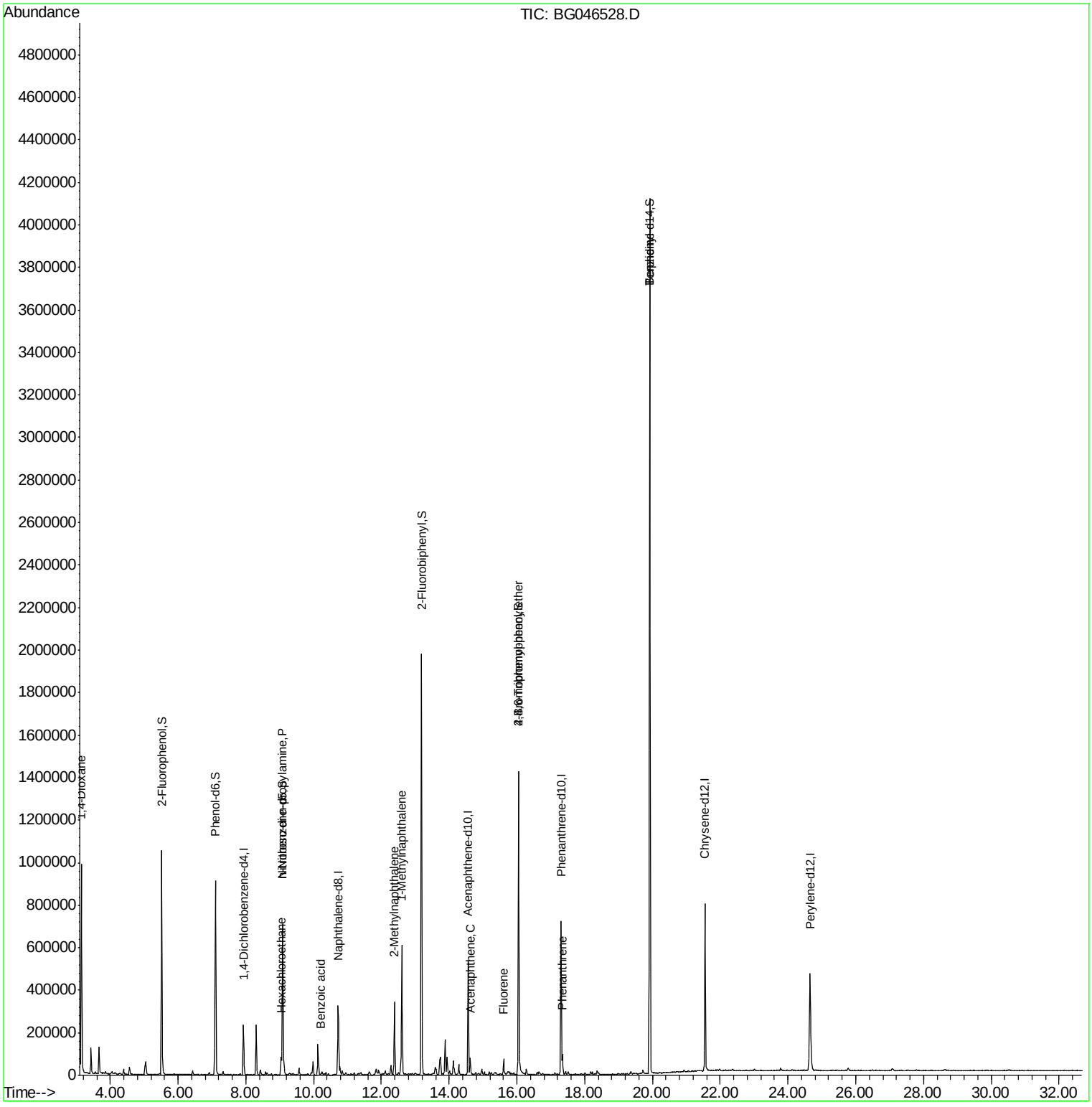
(#) = qualifier out of range (m) = manual integration (+) = signals summed

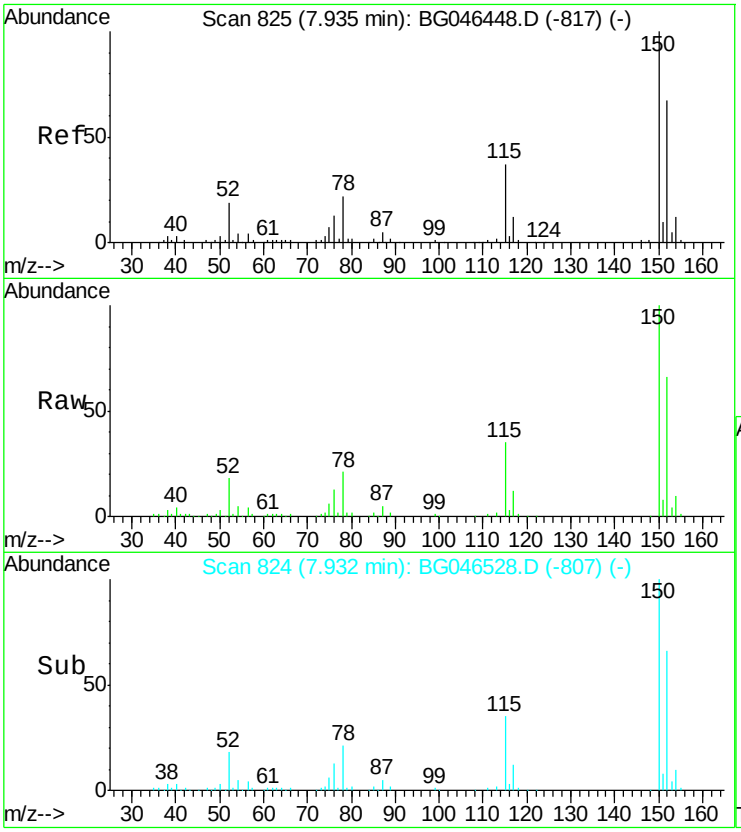
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046528.D
Acq On : 3 Sep 2020 22:53
Operator : CG/JU
Sample : L3877-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4

Quant Time: Sep 04 01:24:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration



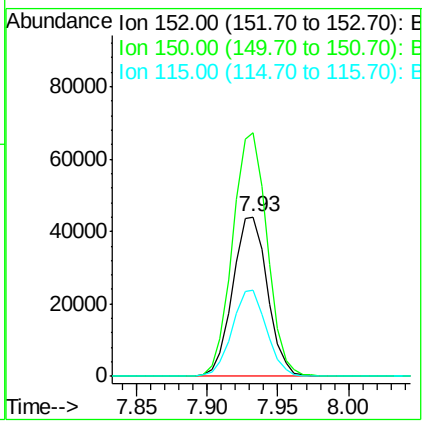


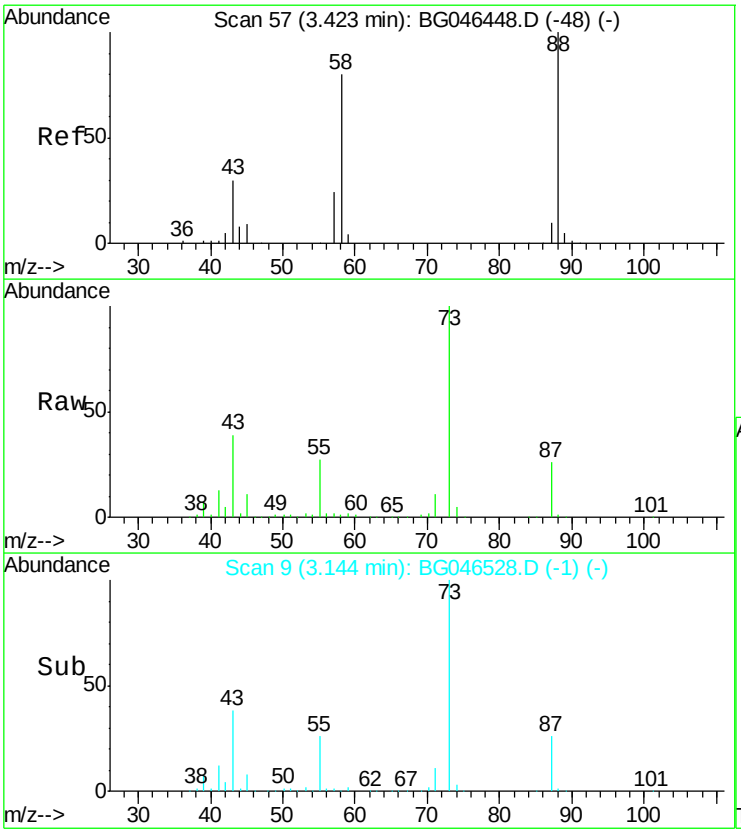
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 75601

Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	53.9	44.3	66.5

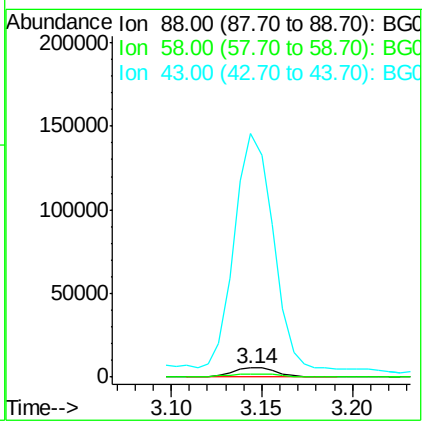


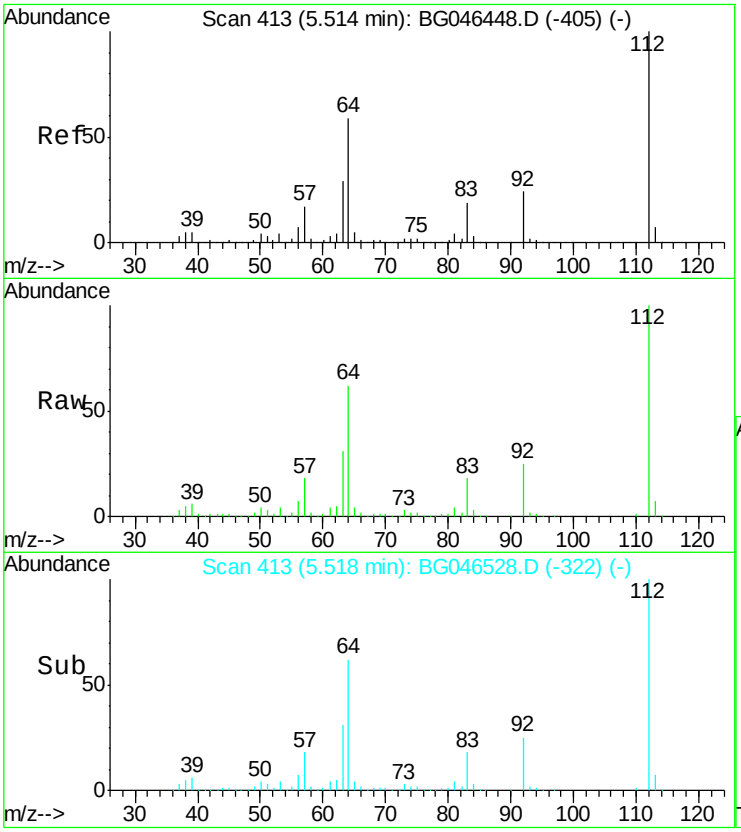


#2
1,4-Dioxane
Concen: 5.192 ng
RT: 3.14 min Scan# 9
Delta R.T. -0.28 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Tgt Ion: 88 Resp: 9220

Ion	Ratio	Lower	Upper
88	100		
58	26.0	61.4	92.2#
43	2271.7	21.6	32.4#



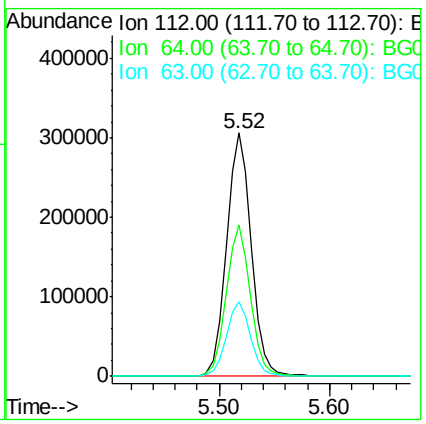


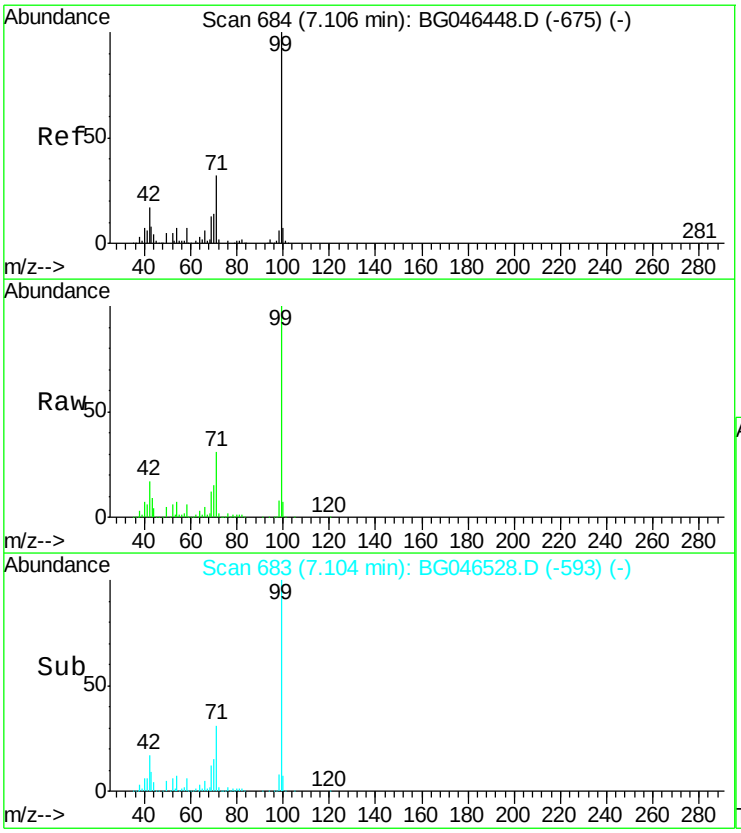
#5
2-Fluorophenol
Concen: 112.451 ng
RT: 5.52 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:112 Resp: 479984

Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.0	70.6
63	30.7	23.5	35.3

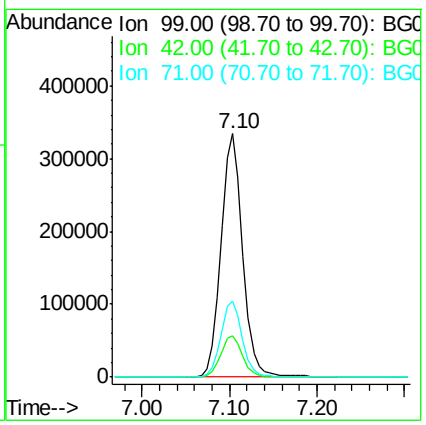


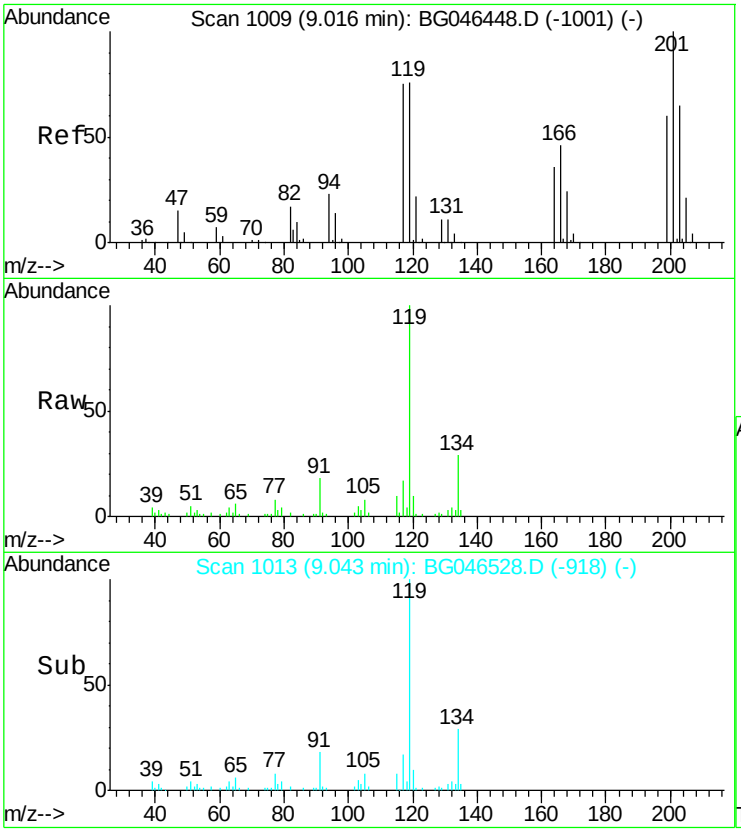


#7
Phenol-d6
Concen: 94.022 ng
RT: 7.10 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Tgt Ion: 99 Resp: 568914

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.3	19.9
71	31.2	25.3	37.9



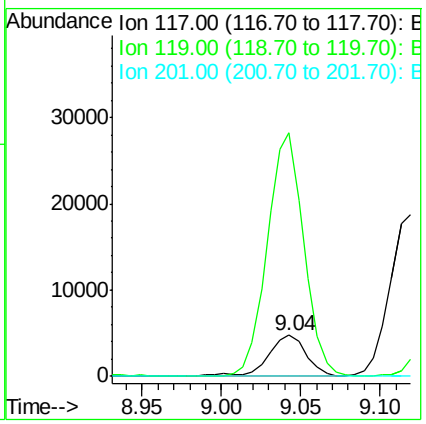


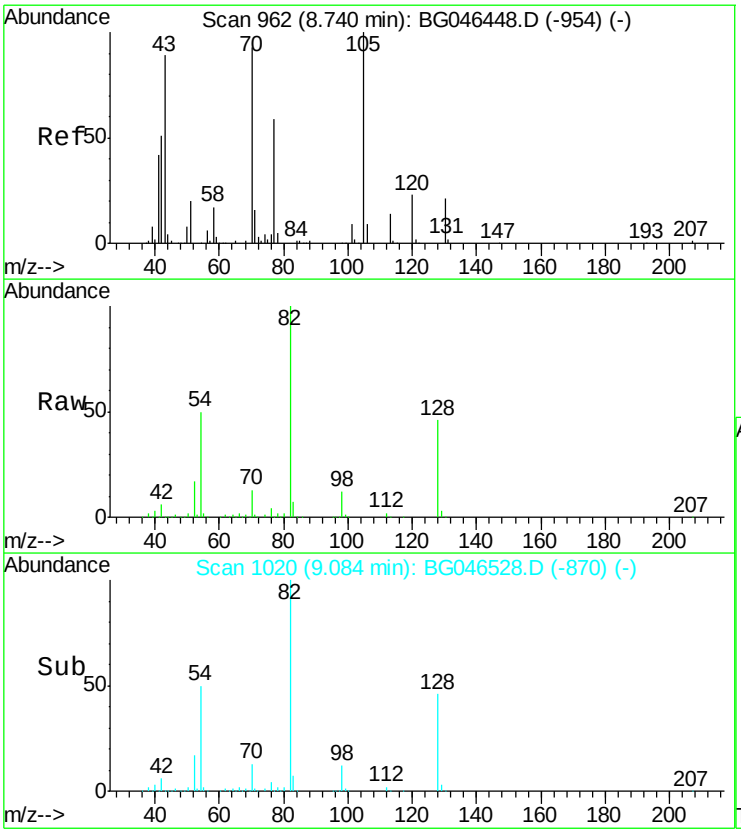
#18
Hexachloroethane
Concen: 4.072 ng
RT: 9.04 min Scan# 1013
Delta R.T. 0.03 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:117 Resp: 7917

Ion	Ratio	Lower	Upper
117	100		
119	594.6	80.8	121.2#
201	0.0	106.7	160.1#

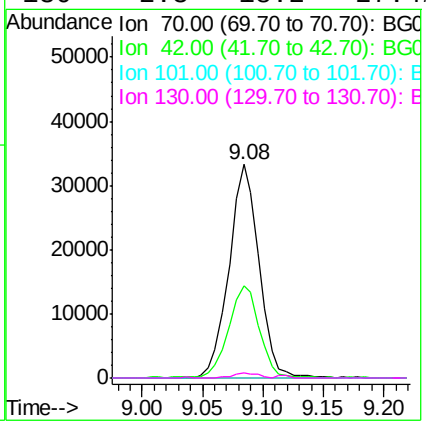


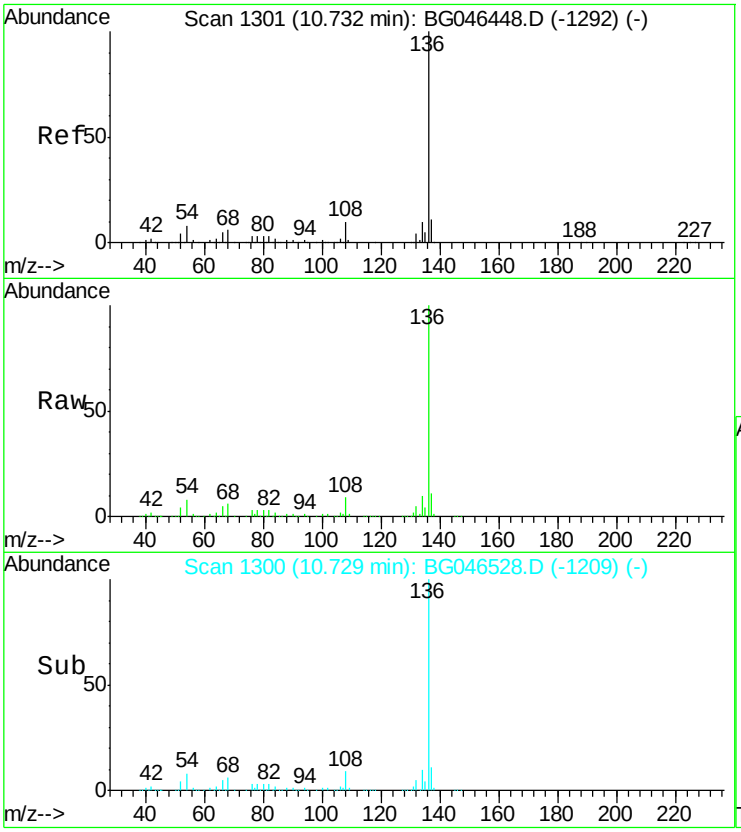


#19
n-Nitroso-di-n-propylamine
Concen: 15.849 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.35 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Tgt Ion: 70 Resp: 57364

Ion	Ratio	Lower	Upper
70	100		
42	43.4	44.2	66.2#
101	0.0	7.8	11.8#
130	2.3	18.2	27.4#



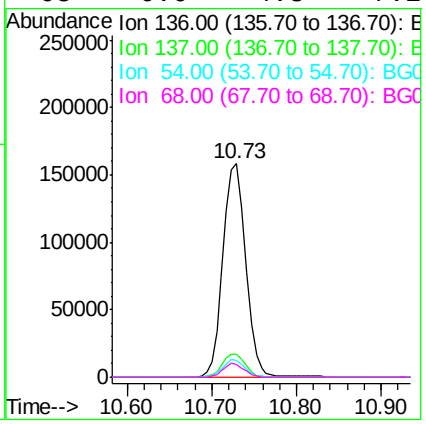


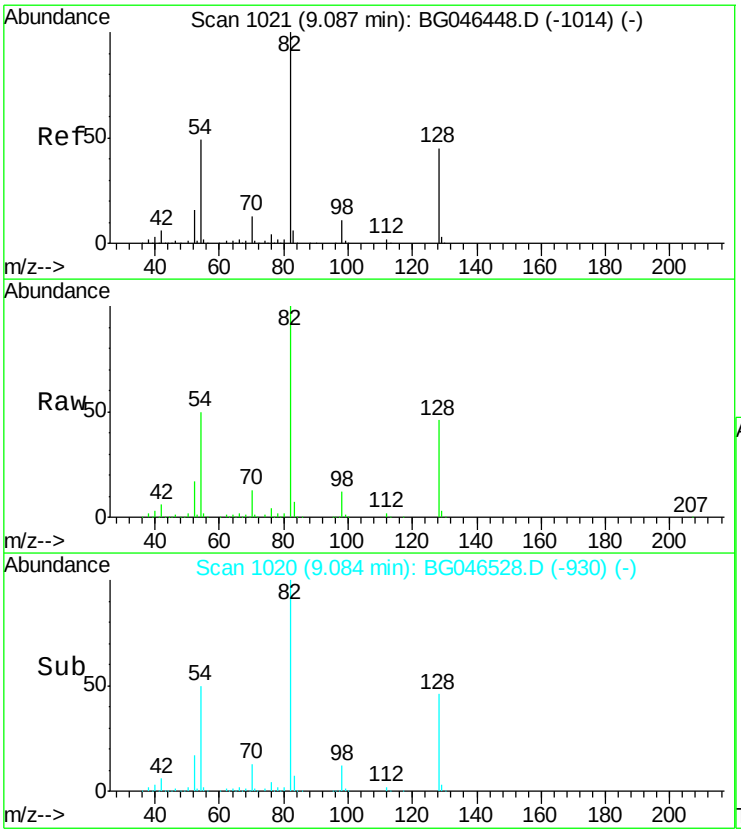
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:136 Resp: 295779

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.8	6.1	9.1
68	6.0	4.8	7.2

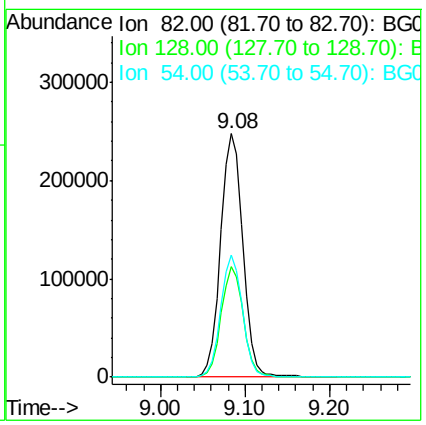


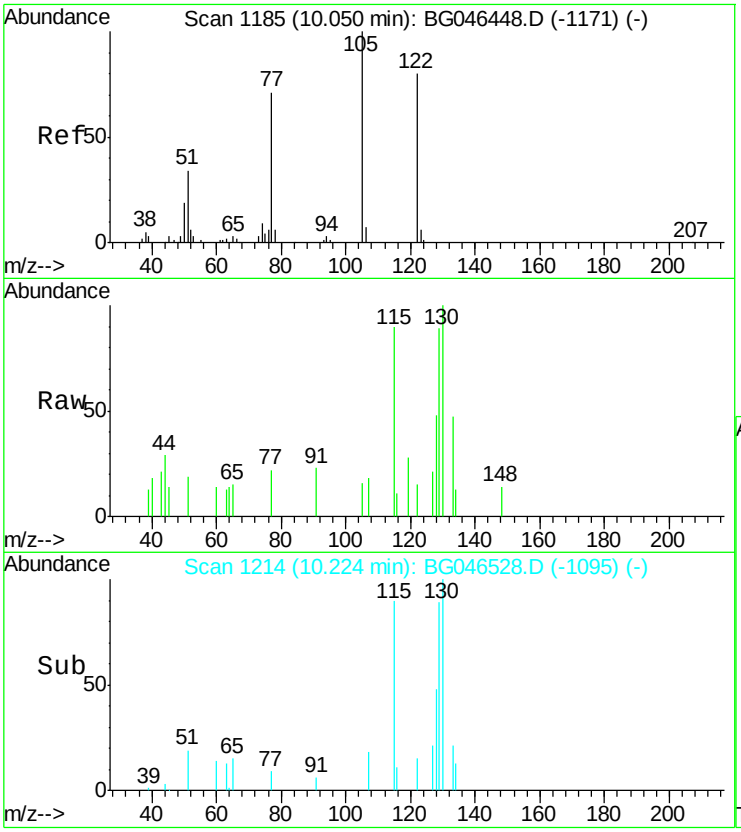


#23
Nitrobenzene-d5
Concen: 87.123 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Tgt Ion: 82 Resp: 450862

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.7	53.5
54	50.2	39.4	59.0



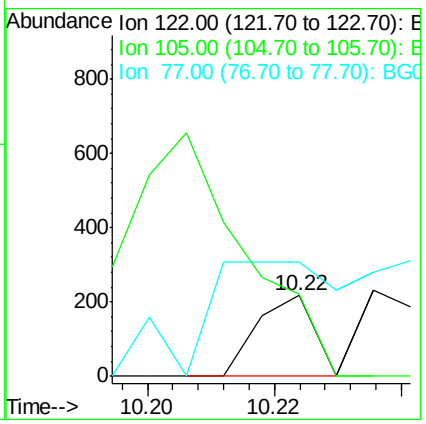


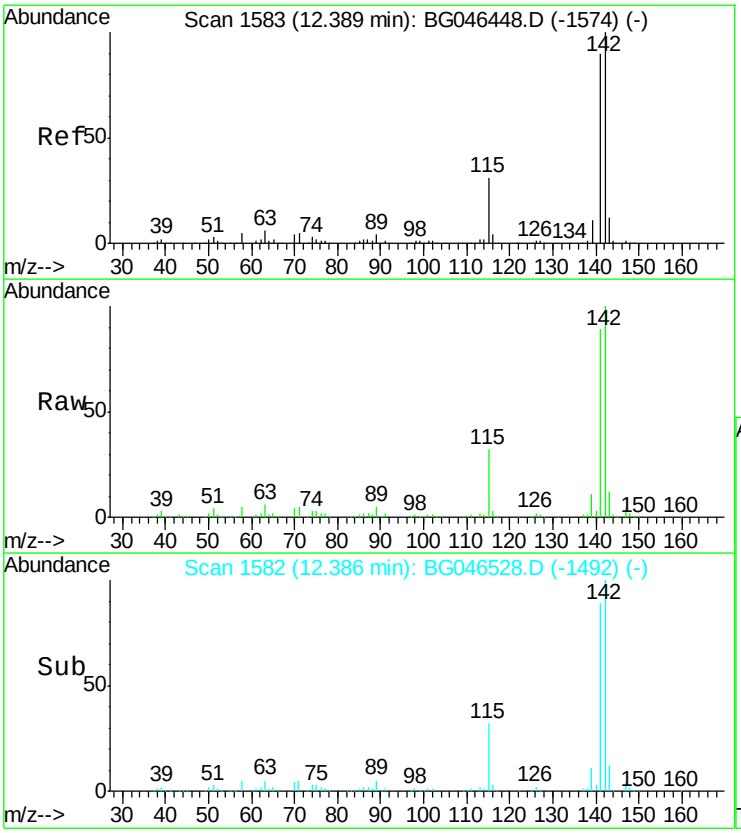
#32
Benzoic acid
Concen: 4.528 ng
RT: 10.22 min Scan# 1214
Delta R.T. 0.17 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:122 Resp: 134

Ion	Ratio	Lower	Upper
122	100		
105	102.3	102.5	142.5#
77	141.9	68.2	108.2#

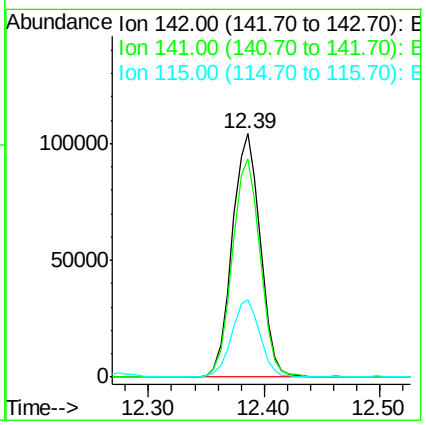


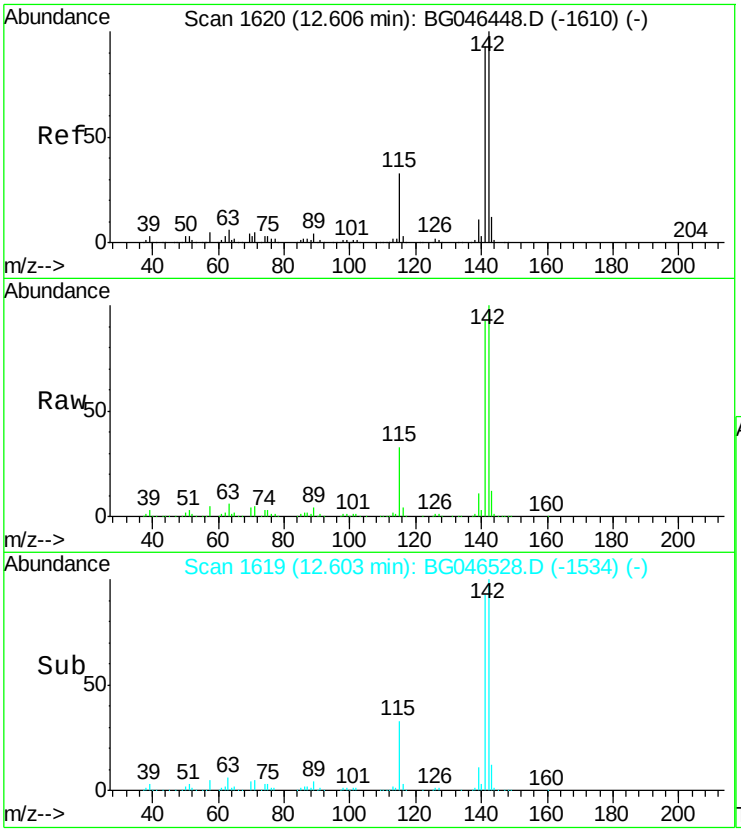


#37
2-Methylnaphthalene
Concen: 15.418 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Tgt Ion:142 Resp: 175610

Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.1	108.1
115	31.9	24.9	37.3



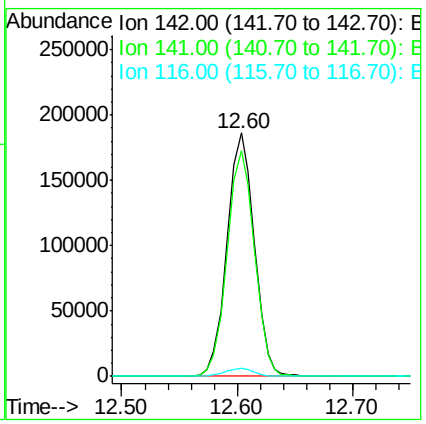


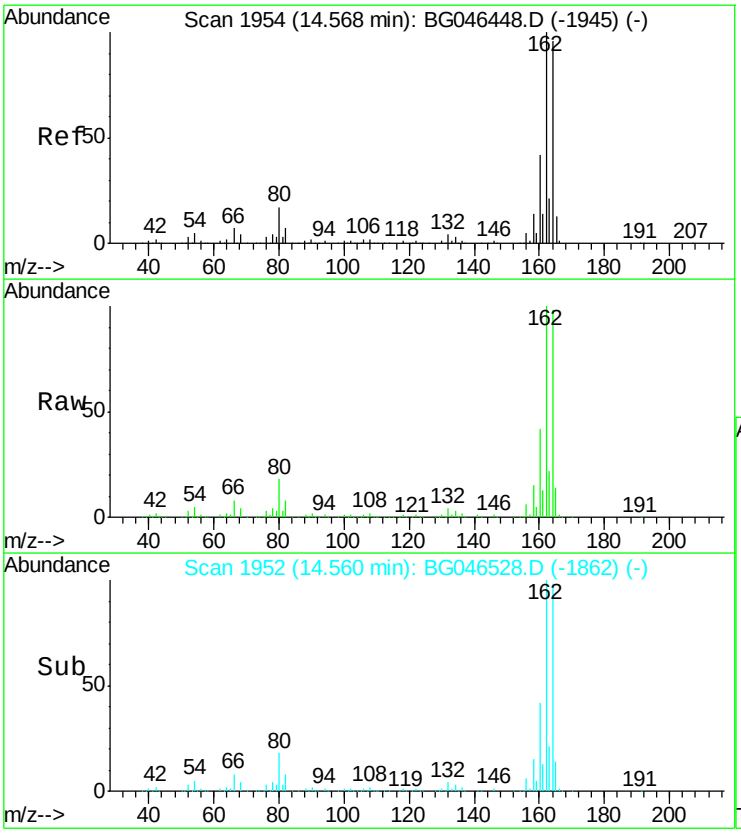
#38
1-Methylnaphthalene
Concen: 28.286 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:142 Resp: 305173

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.7	112.1
116	3.5	2.6	4.0

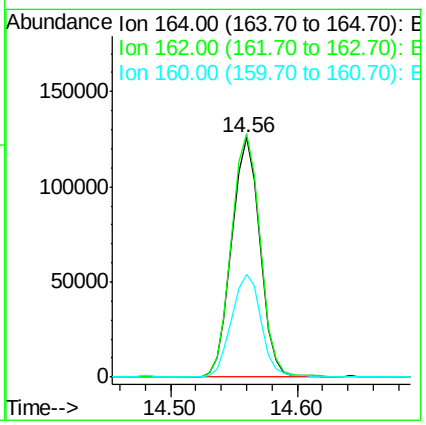


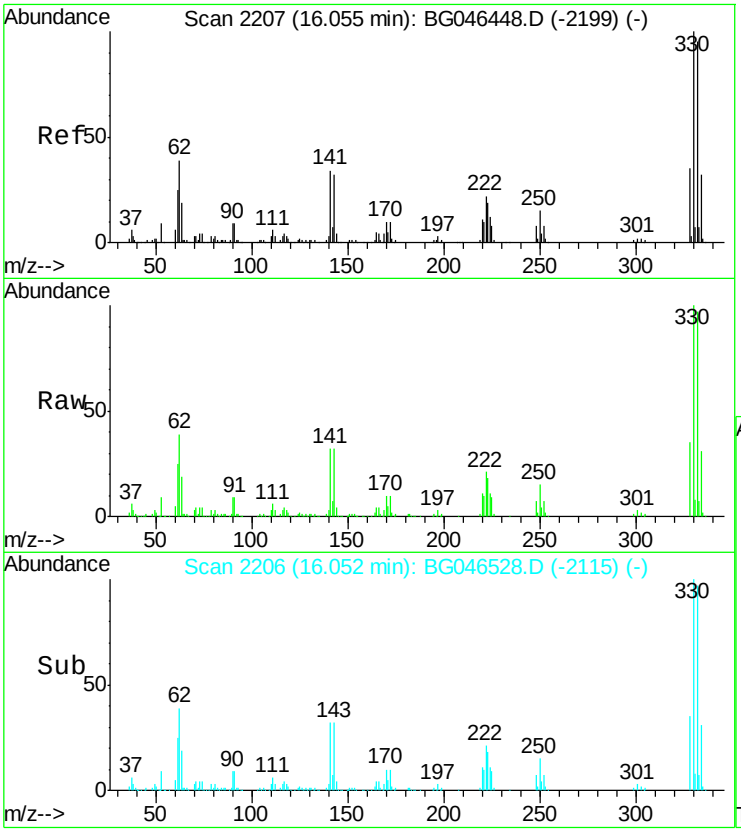


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Tgt Ion:164 Resp: 194795

Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.3	124.9
160	43.1	35.0	52.6



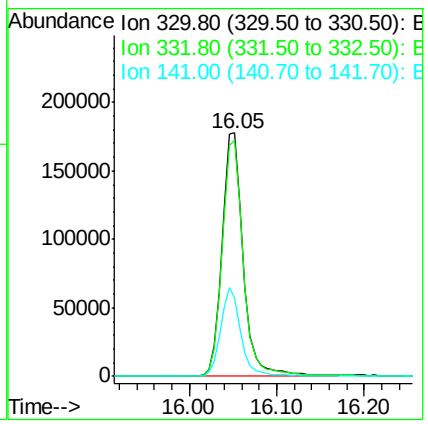


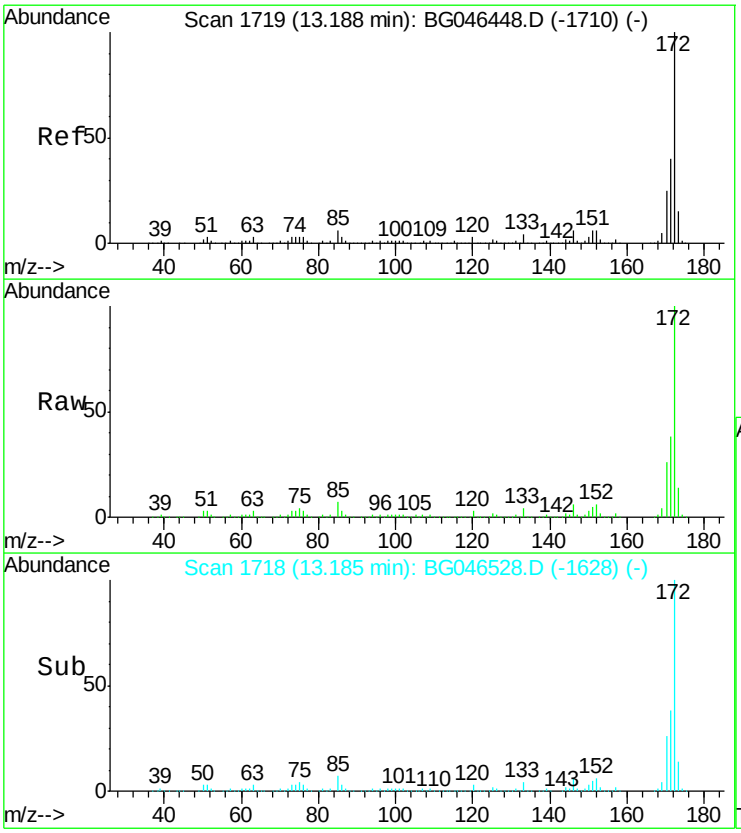
#42
2,4,6-Tribromophenol
Concen: 113.133 ng
RT: 16.05 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:330 Resp: 298595

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.1	114.1
141	34.5	26.1	39.1

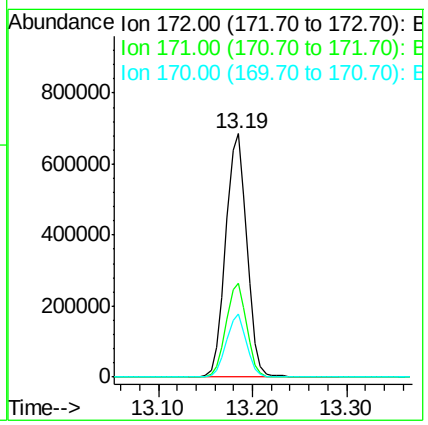


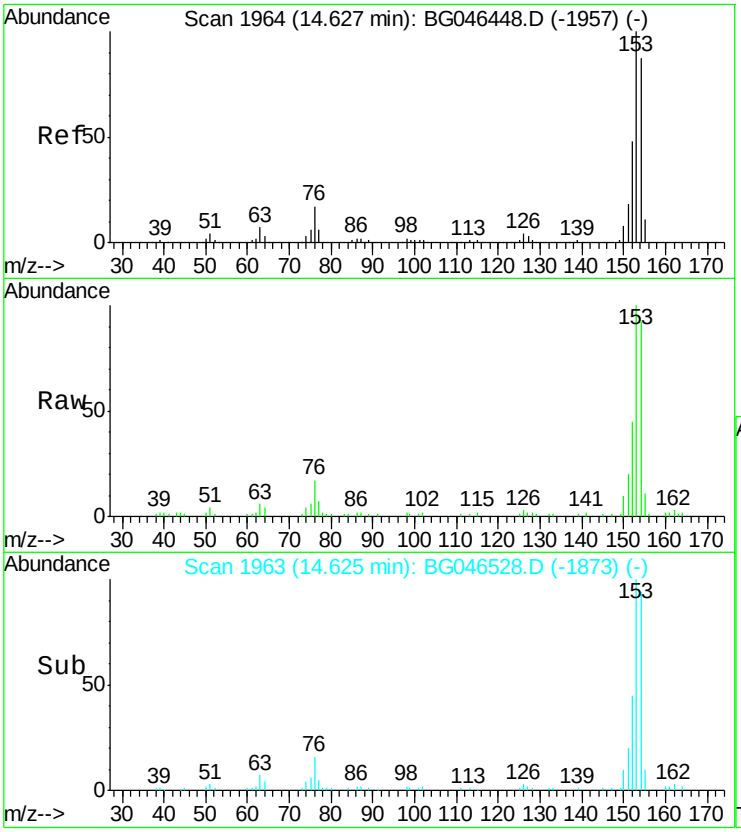


#45
2-Fluorobiphenyl
Concen: 83.957 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Tgt Ion:172 Resp: 1071327

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.8	47.6
170	25.7	20.3	30.5



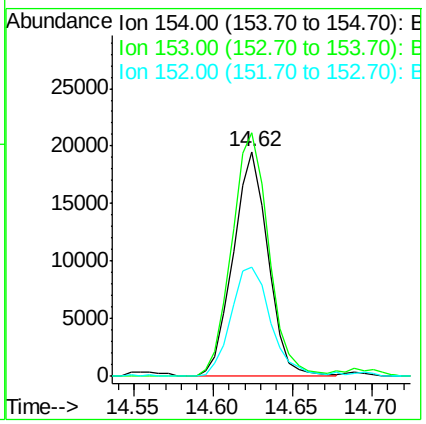


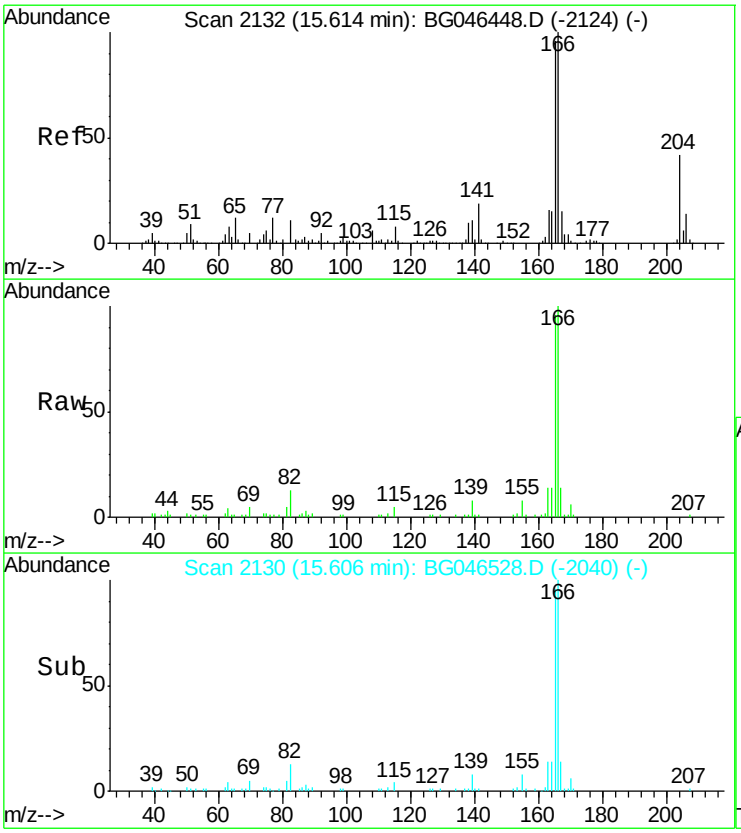
#52
Acenaphthene
Concen: 2.755 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:154 Resp: 29753

Ion	Ratio	Lower	Upper
154	100		
153	108.2	91.9	137.9
152	48.7	43.8	65.6

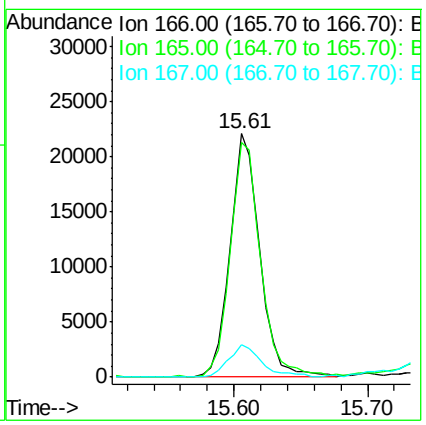


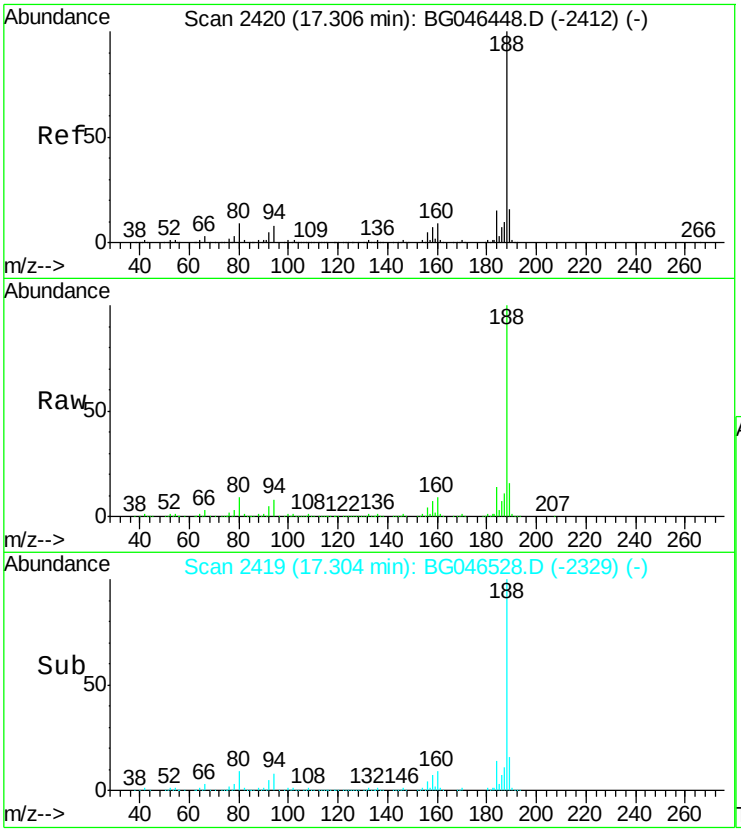


#58
Fluorene
Concen: 2.356 ng
RT: 15.61 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Tgt Ion:166 Resp: 34277

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.0	115.4
167	13.5	11.8	17.6



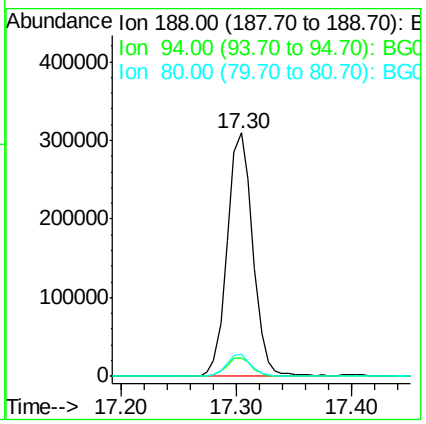


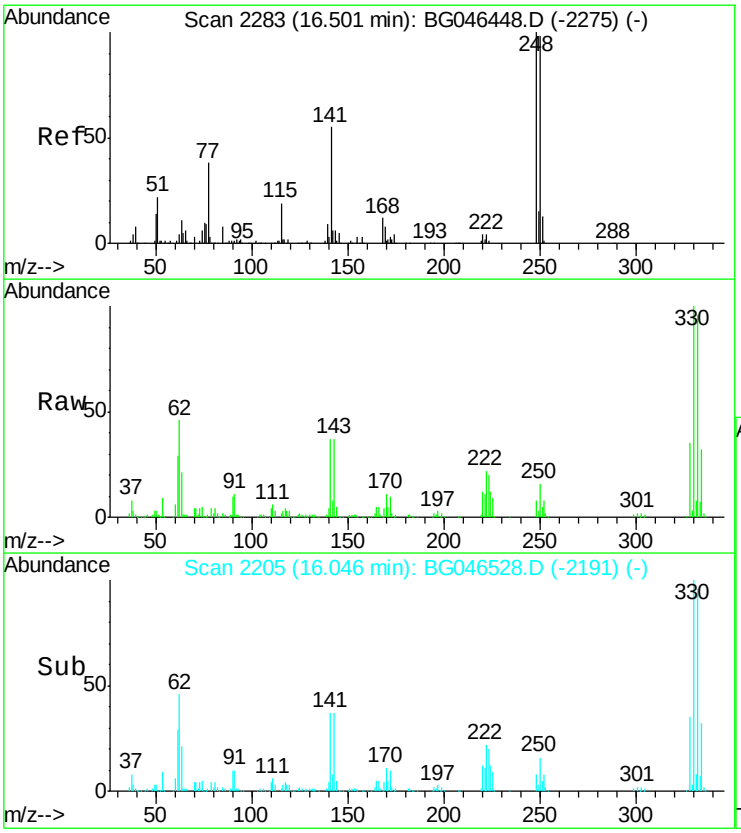
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2419
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:188 Resp: 474840

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.3	9.5
80	9.0	6.9	10.3

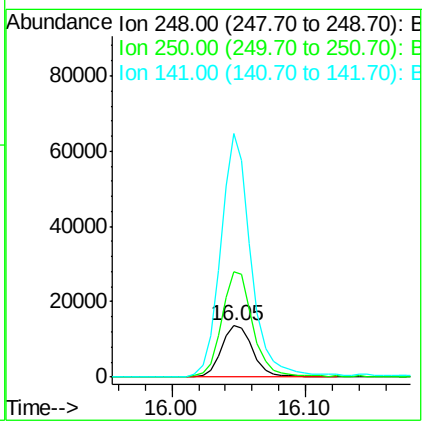


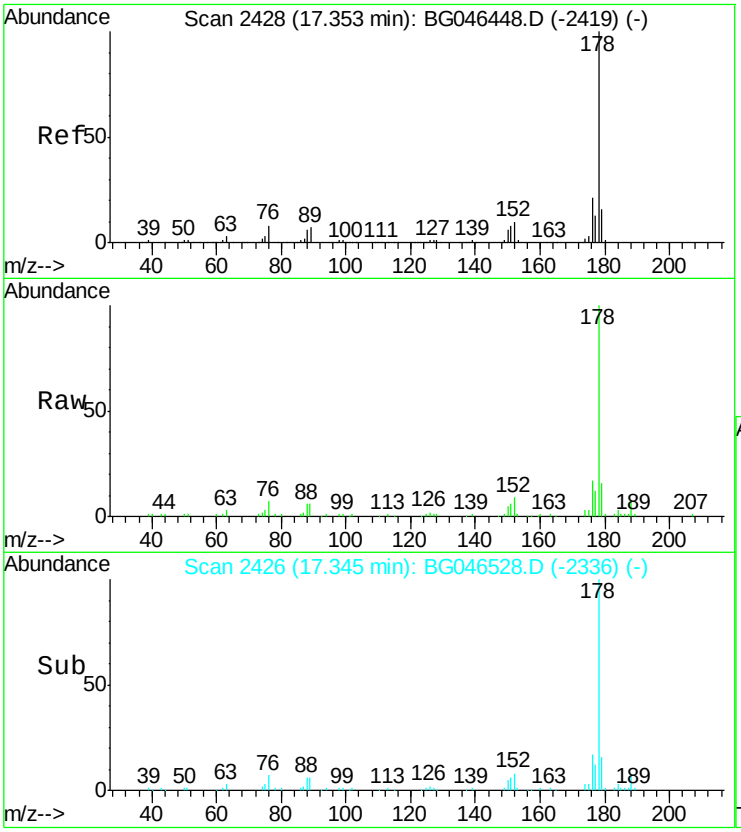


#67
4-Bromophenyl-phenylether
Concen: 4.121 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Tgt Ion:248 Resp: 22831

Ion	Ratio	Lower	Upper
248	100		
250	207.0	78.6	118.0#
141	475.6	43.9	65.9#



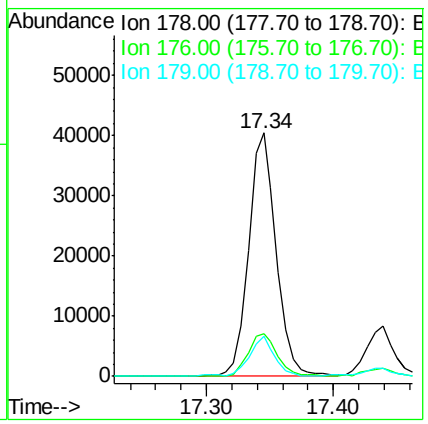


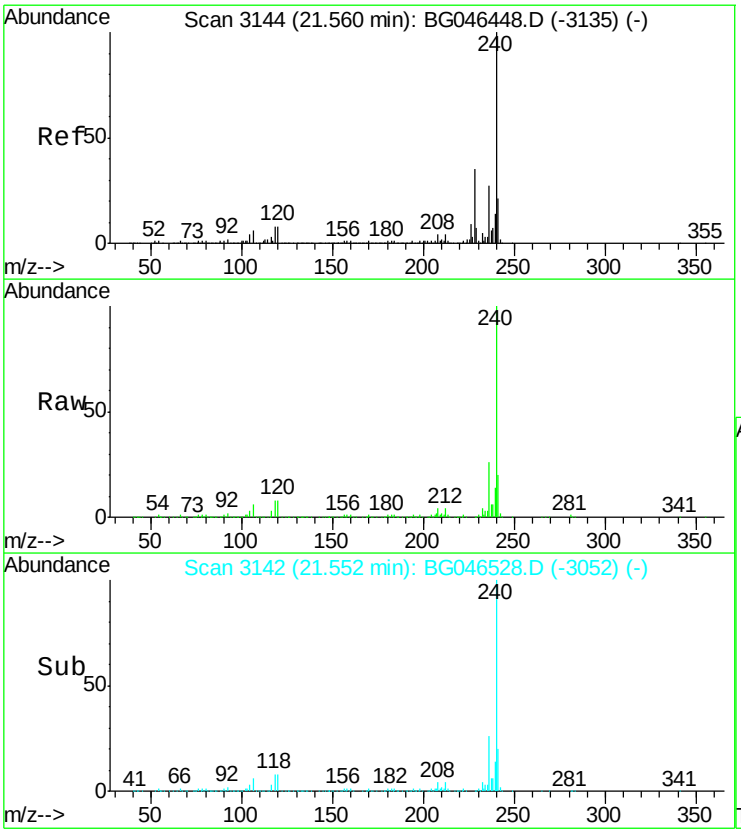
#71
Phenanthrene
Concen: 2.533 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:178 Resp: 60955

Ion	Ratio	Lower	Upper
178	100		
176	17.4	16.8	25.2
179	16.2	13.2	19.8

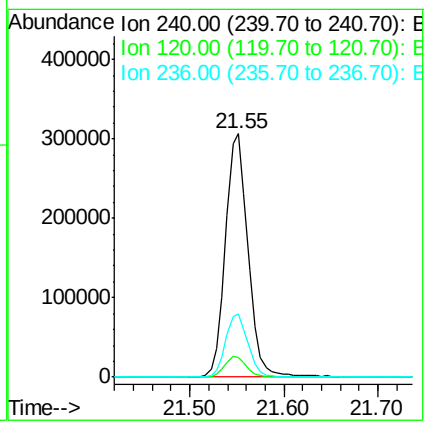


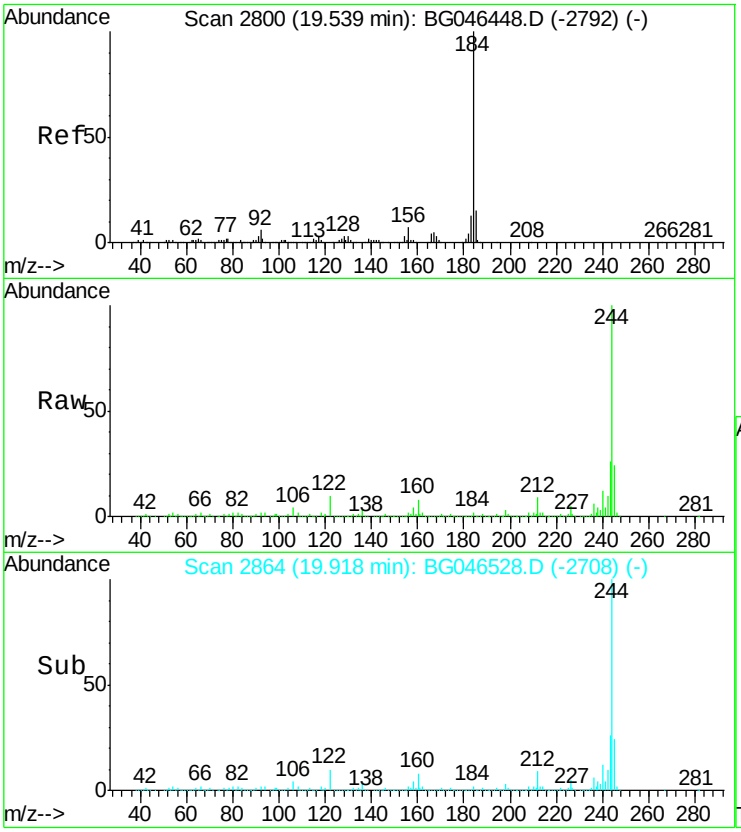


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Tgt Ion:240 Resp: 510409

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.6	10.0
236	25.7	21.4	32.2



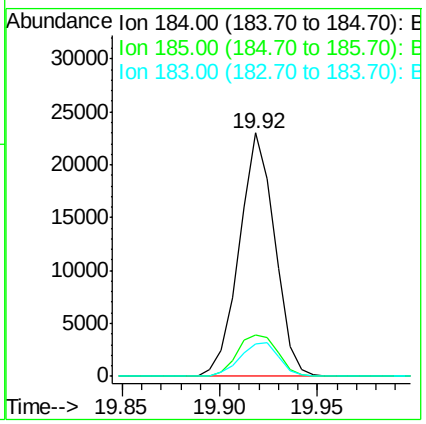


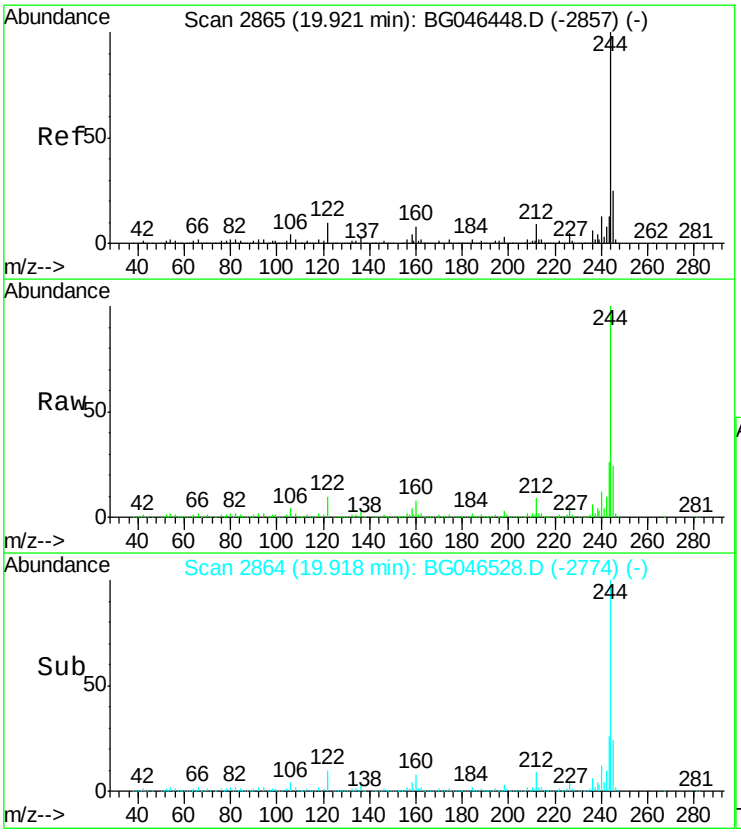
#77
Benzidine
Concen: 2.440 ng
RT: 19.92 min Scan# 2864
Delta R.T. 0.39 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:184 Resp: 28944

Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.8	17.8
183	13.4	10.7	16.1

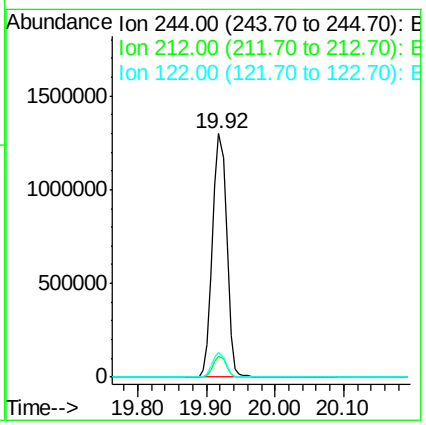


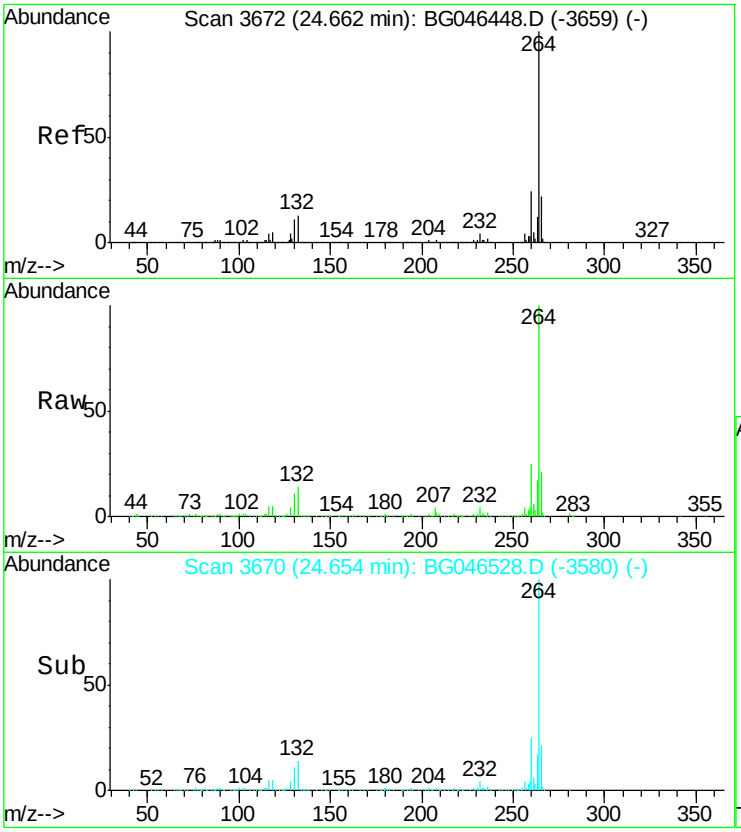


#79
Terphenyl-d14
Concen: 77.352 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Tgt Ion:244 Resp: 1855164

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.9	10.3
122	10.0	8.2	12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BG046528.D
Acq: 3 Sep 2020 22:53

Instrument :
BNA_G
ClientSampleId :
TP-4

Tgt Ion:264 Resp: 499280

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	17.9	26.9