Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043276.D
Acq On : 18 Oct 2019 00:08
Operator : JU
Sample : K5358-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190897-AMENDED-COMP-KM-CA

Quant Time: Oct 18 01:43:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49155	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	192783	20.00	ng		-0.02
39) Acenaphthene-d10	14.66	164	136937	20.00	ng		-0.02
64) Phenanthrene-d10	17.41	188	296135	20.00	ng		0.00
76) Chrysene-d12	21.68	240	313671	20.00	ng		0.00
87) Perylene-d12	24.90	264	373957	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	59	0.02	ng		0.00
7) Phenol-d6	7.22	99	3390	0.85	ng		-0.01
23) Nitrobenzene-d5	9.20	82	328443	82.81	ng		-0.02
42) 2,4,6-Tribromophenol	16.15	330	124	0.05	ng		-0.02
45) 2-Fluorobiphenyl	13.29	172	854524	90.47	ng		-0.02
79) Terphenyl-d14	20.02	244	1545945	105.02	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.25	94	13094	3.598	ng		84
19) n-Nitroso-di-n-propylamine	9.20	70	44599	17.124	ng	#	71
32) Benzoic acid	9.86	122	60	2.832	ng	#	1
50) Dimethylphthalate	14.12	163	78160	7.618	ng		97
57) 2,4-Dinitrotoluene	14.66	165	18438	5.762	ng	#	24
77) Benzidine	20.02	184	23293	2.966	ng	#	93

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

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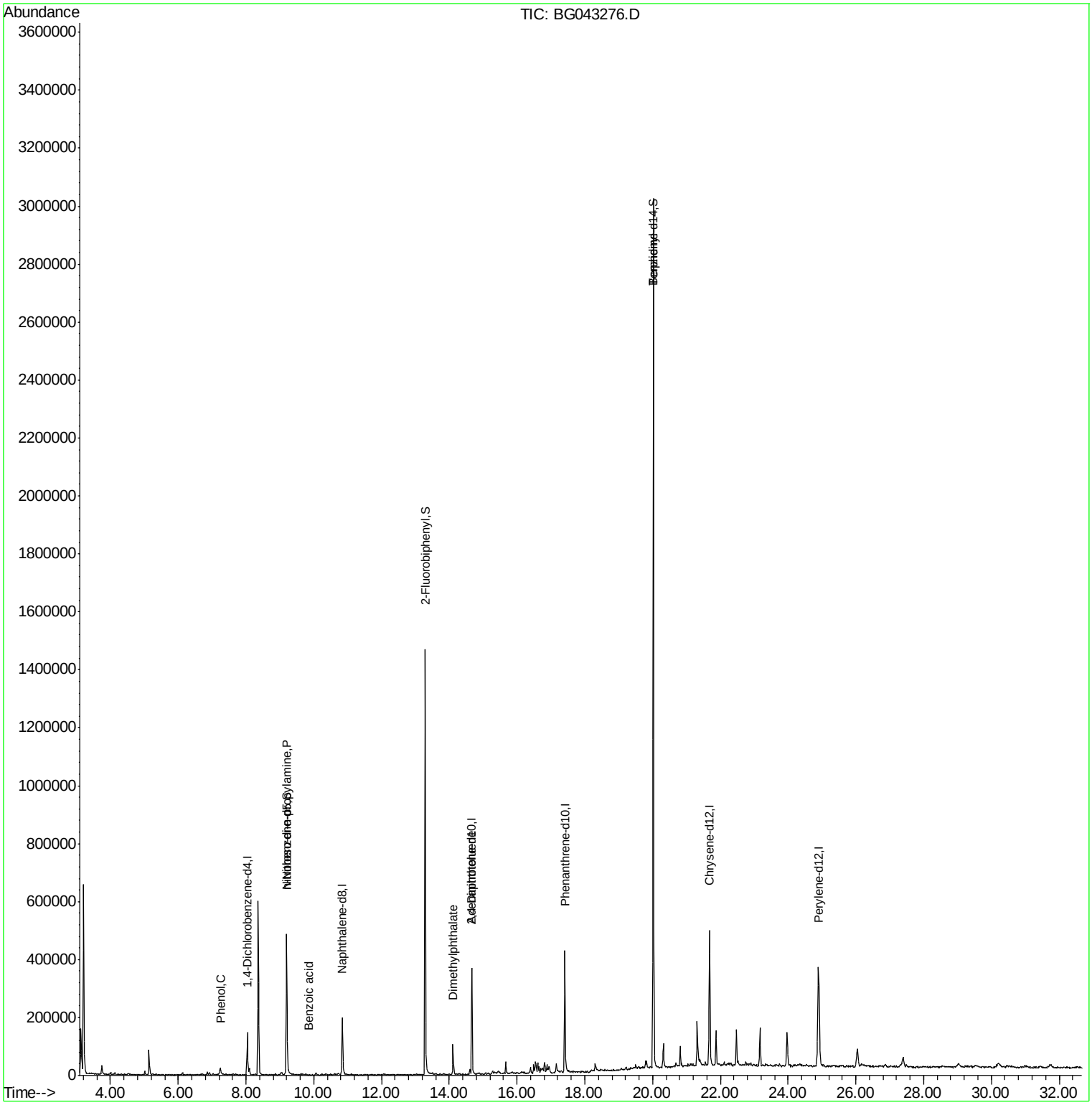
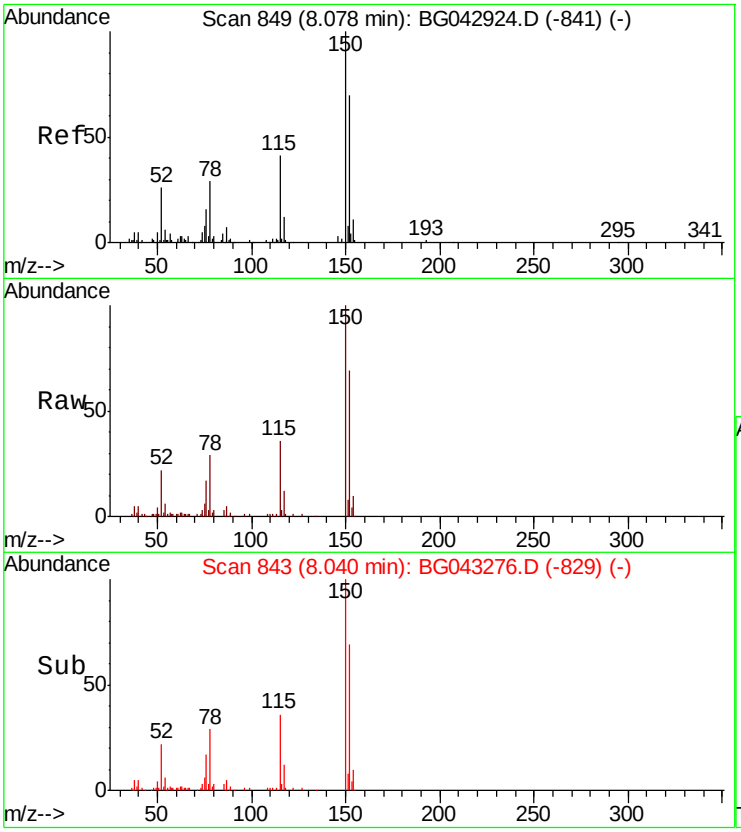


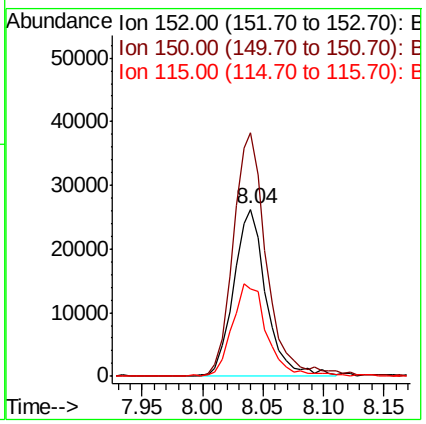


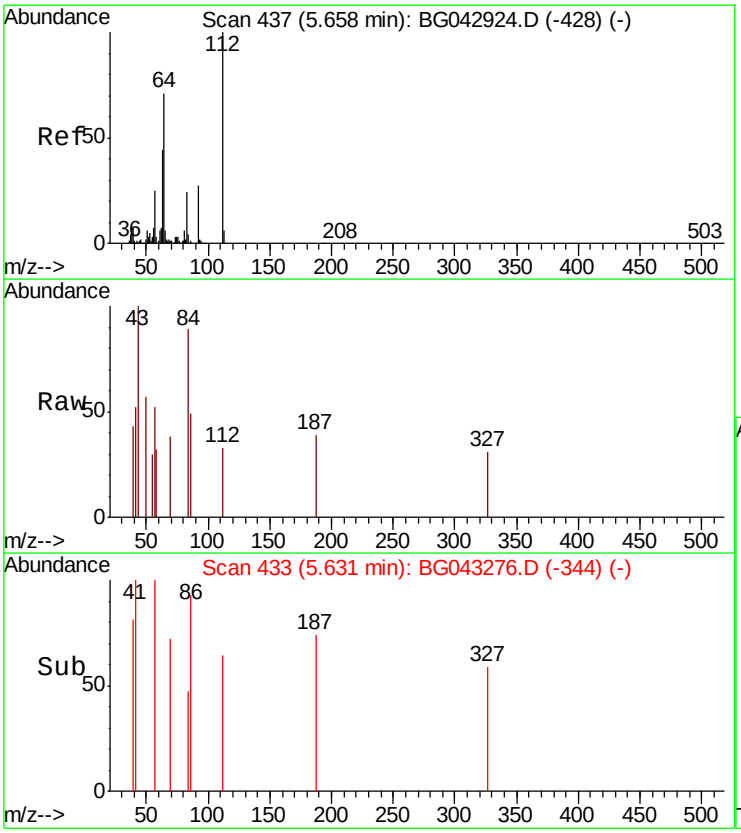
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tgt Ion:152 Resp: 49155

Ion	Ratio	Lower	Upper
152	100		
150	145.6	115.0	172.4
115	52.0	47.0	70.6

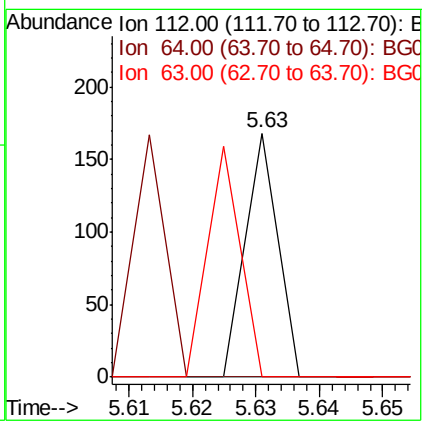


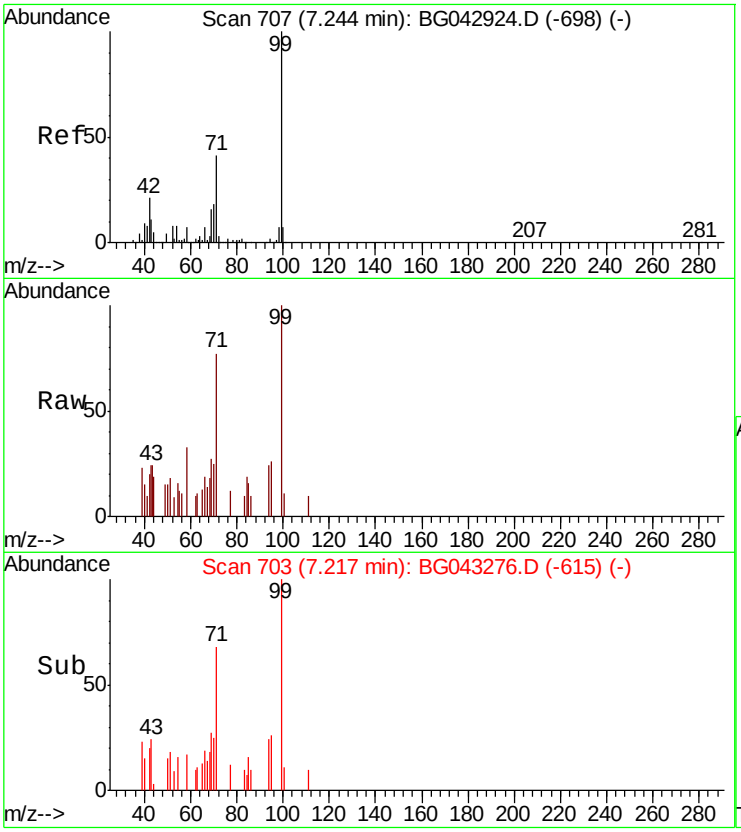


#5
2-Fluorophenol
Concen: 0.021 ng
RT: 5.63 min Scan# 433
Delta R.T. -0.01 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion:112 Resp: 59

Ion	Ratio	Lower	Upper
112	100		
64	0.0	56.6	84.8#
63	0.0	35.1	52.7#



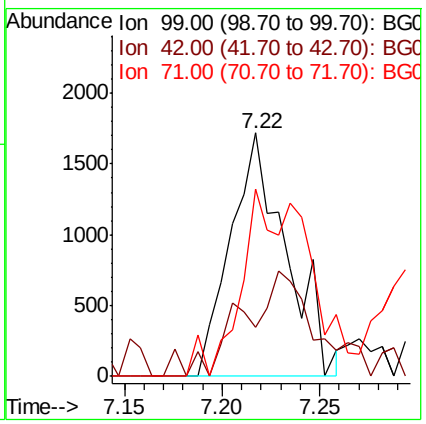


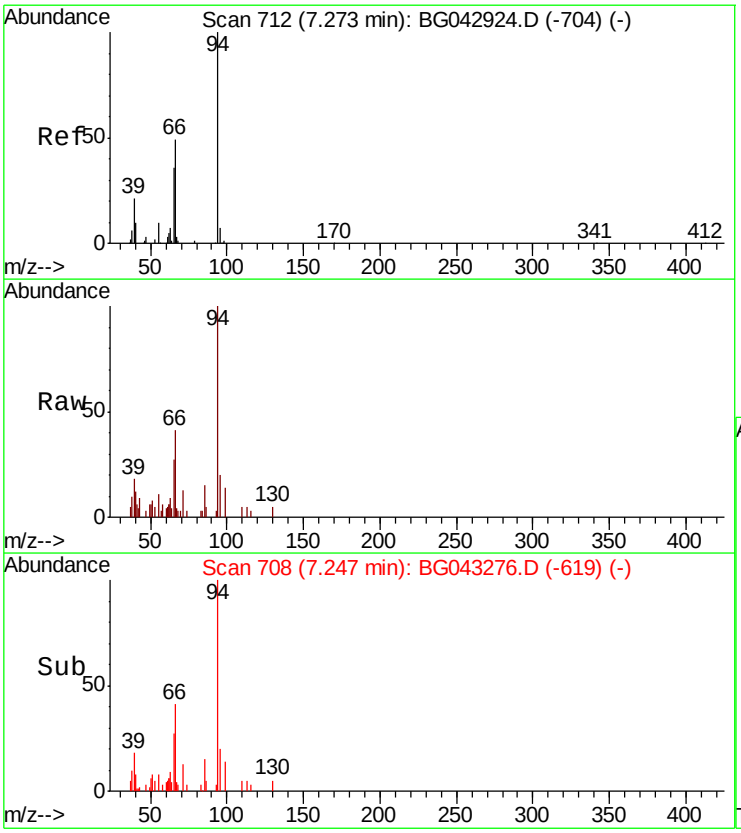
#7
Phenol-d6
Concen: 0.855 ng
RT: 7.22 min Scan# 703
Delta R.T. -0.01 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tgt Ion: 99 Resp: 3390

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.2	25.8
71	77.0	33.1	49.7#

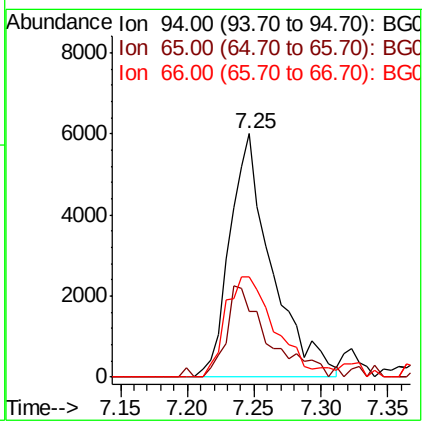


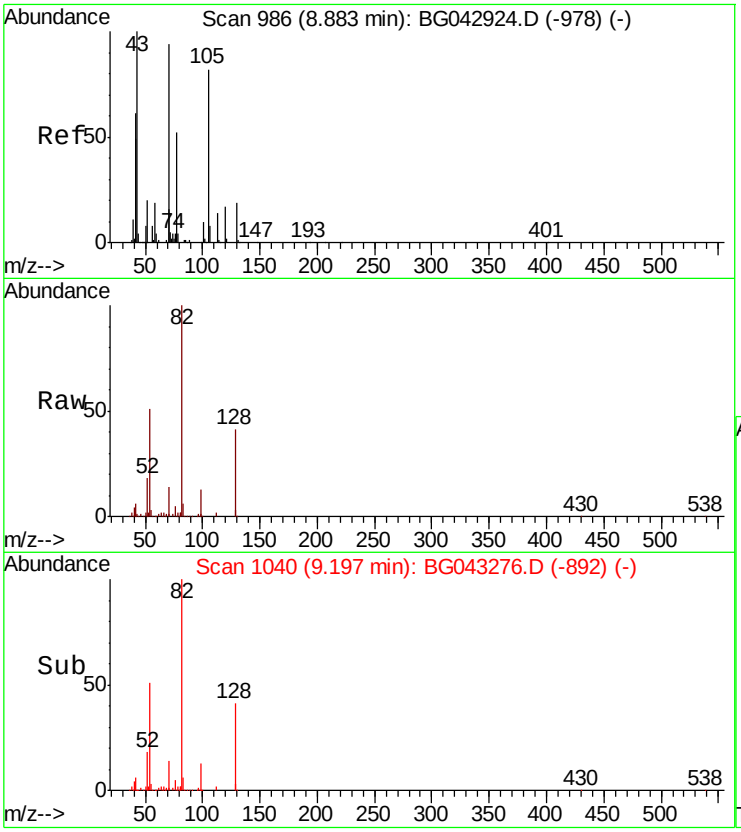


#10
Phenol
Concen: 3.598 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion: 94 Resp: 13094

Ion	Ratio	Lower	Upper
94	100		
65	27.2	16.6	56.6
66	40.9	32.4	72.4



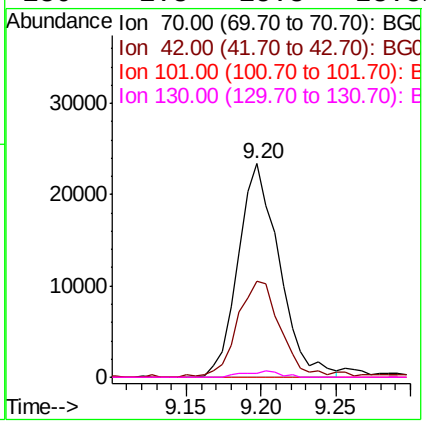


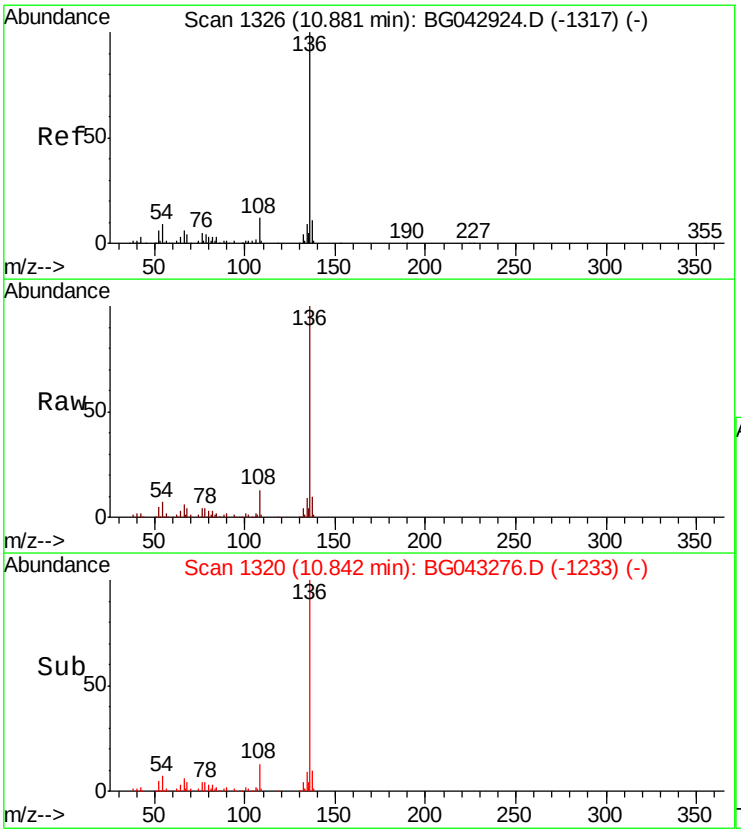
#19
n-Nitroso-di-n-propylamine
Concen: 17.124 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tgt Ion: 70 Resp: 44599

Ion	Ratio	Lower	Upper
70	100		
42	44.7	52.6	79.0#
101	0.0	8.7	13.1#
130	1.8	15.8	23.8#

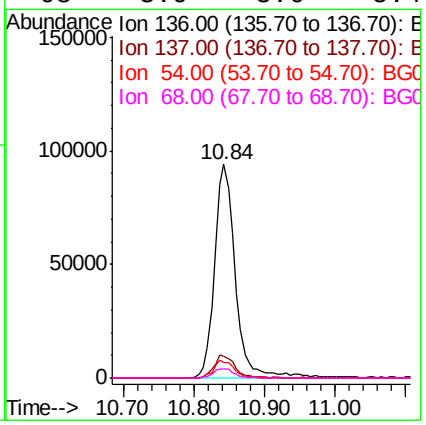


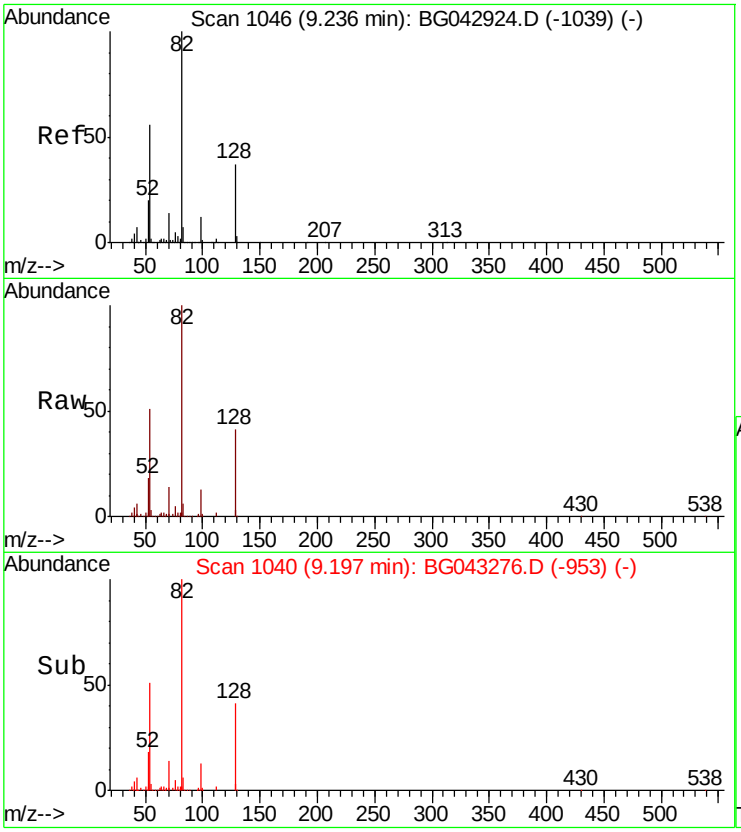


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion:136 Resp: 192783

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.5	12.7
54	7.3	7.4	11.2#
68	3.9	3.6	5.4



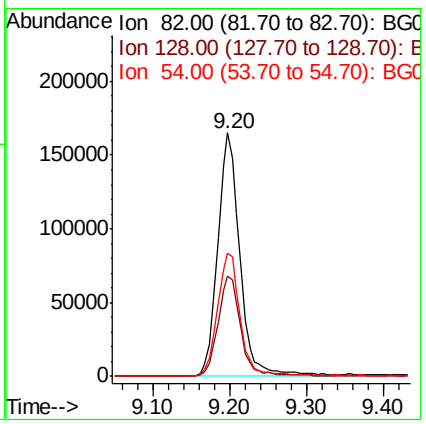


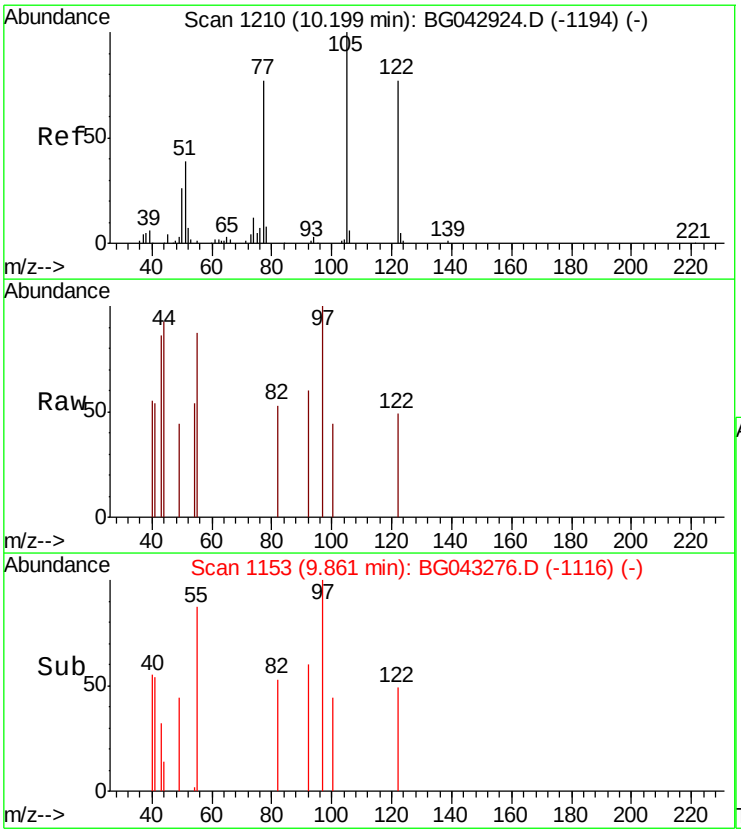
#23
Nitrobenzene-d5
Concen: 82.808 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tgt Ion: 82 Resp: 328443

Ion	Ratio	Lower	Upper
82	100		
128	41.4	29.5	44.3
54	50.7	44.6	67.0

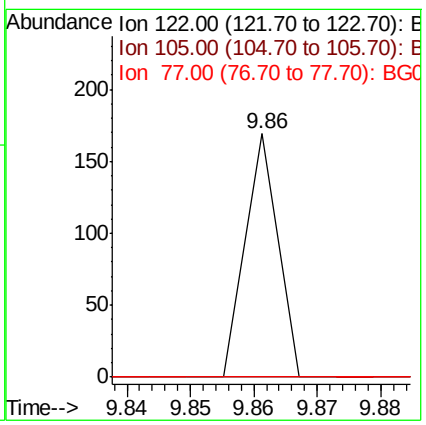


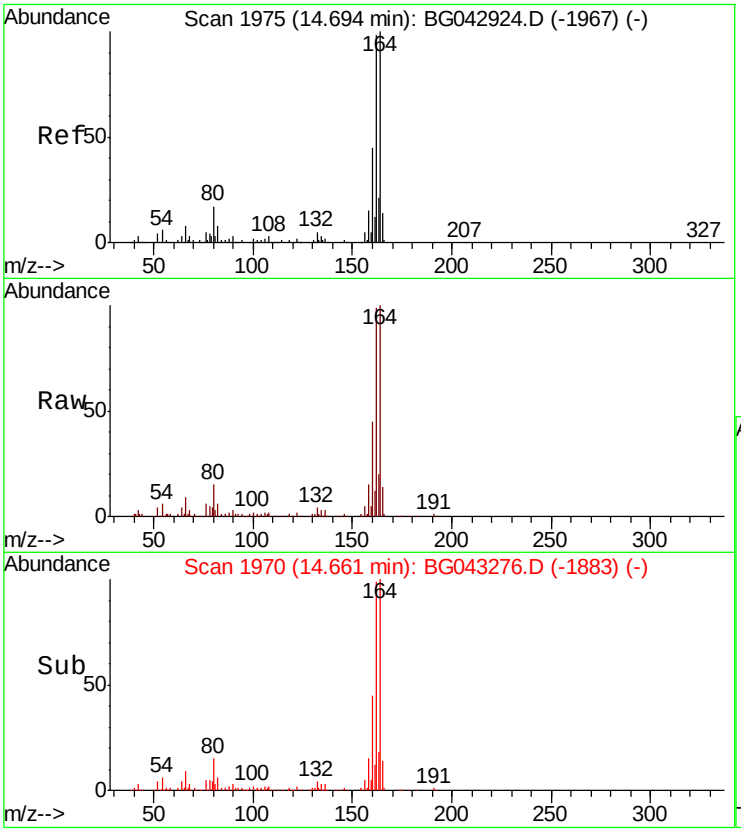


#32
Benzoic acid
Concen: 2.832 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.31 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion:122 Resp: 60

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.5	147.5#
77	0.0	79.8	119.8#



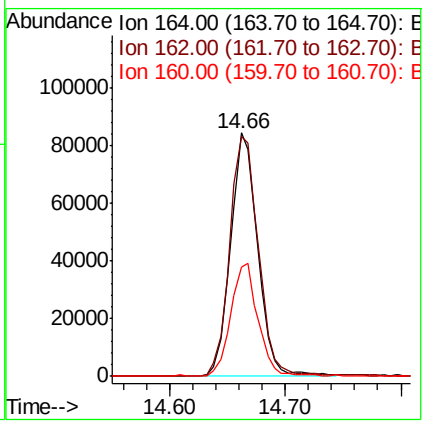


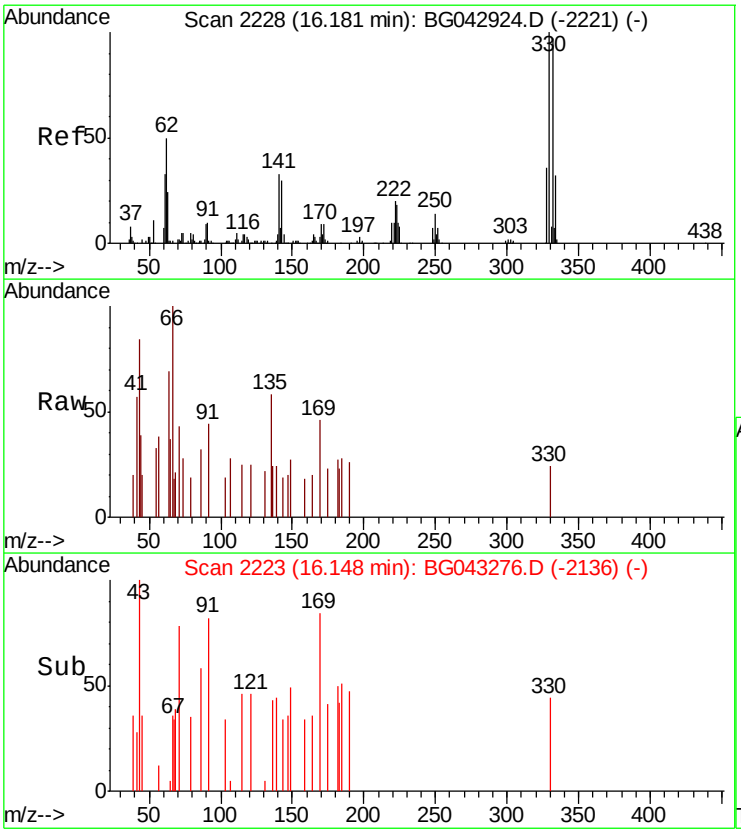
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tgt Ion:164 Resp: 136937

Ion	Ratio	Lower	Upper
164	100		
162	98.7	78.5	117.7
160	45.0	35.9	53.9

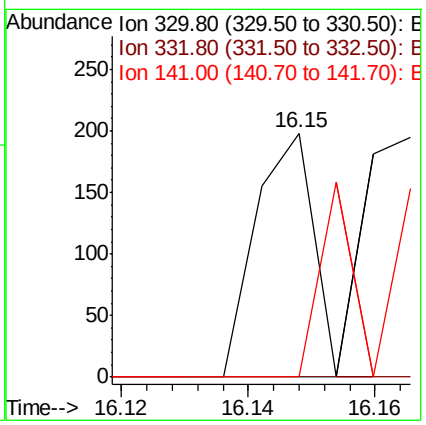


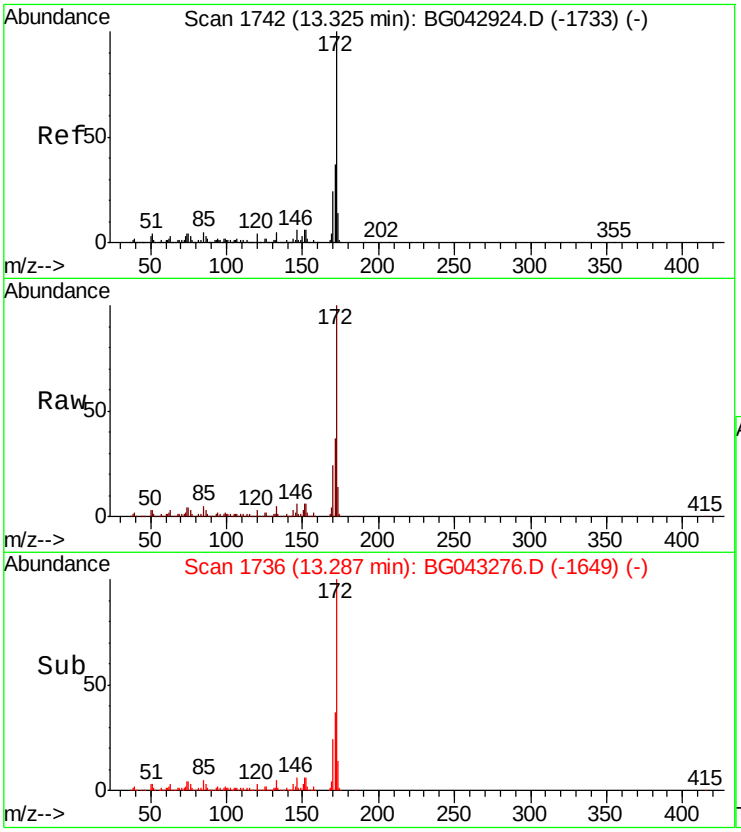


#42
2,4,6-Tribromophenol
Concen: 0.053 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion:330 Resp: 124

Ion	Ratio	Lower	Upper
330	100		
332	0.0	78.2	117.2#
141	45.2	26.0	39.0#



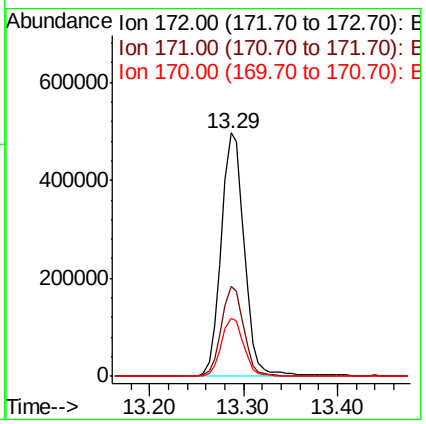


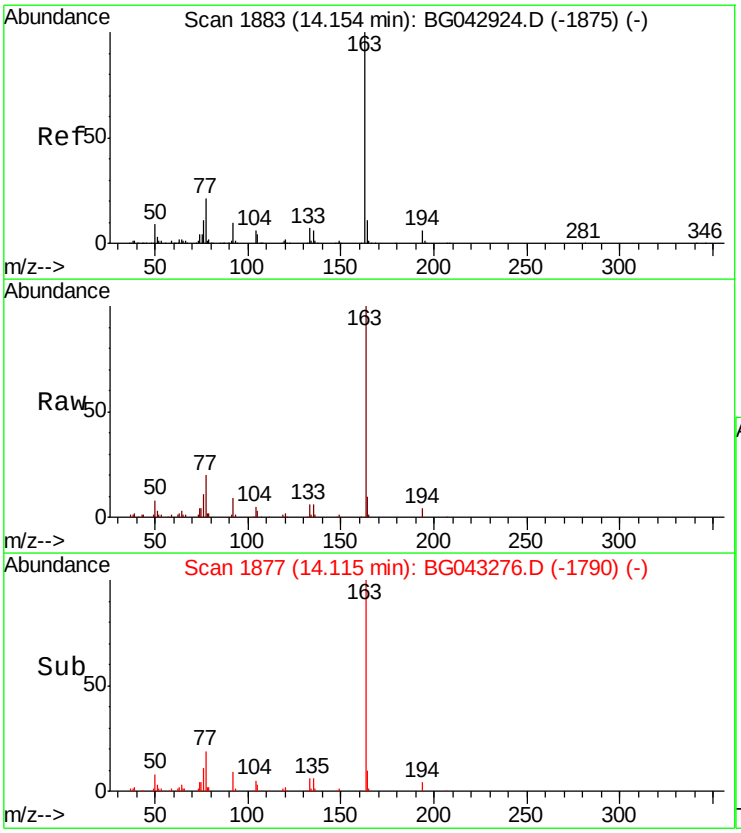
#45
2-Fluorobiphenyl
Concen: 90.465 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tgt Ion:172 Resp: 854524

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	23.7	19.6	29.4

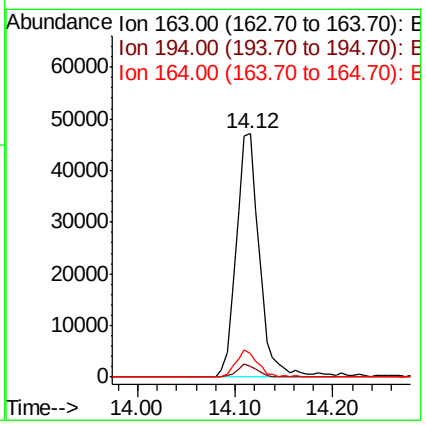


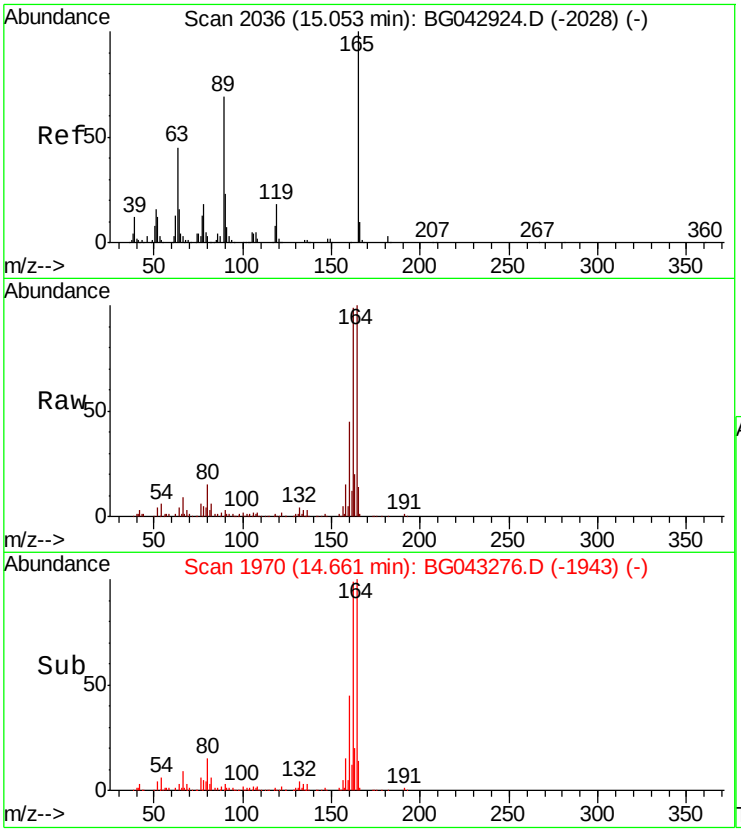


#50
Dimethylphthalate
Concen: 7.618 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion:163 Resp: 78160

Ion	Ratio	Lower	Upper
163	100		
194	4.5	4.4	6.6
164	9.7	8.6	12.8



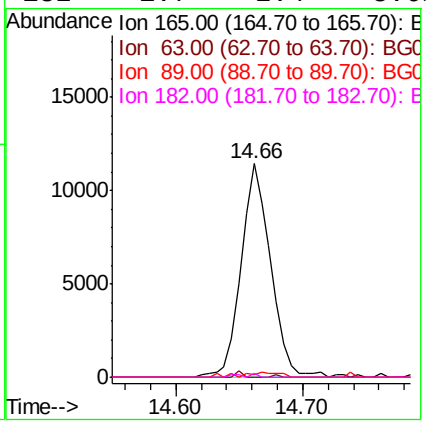


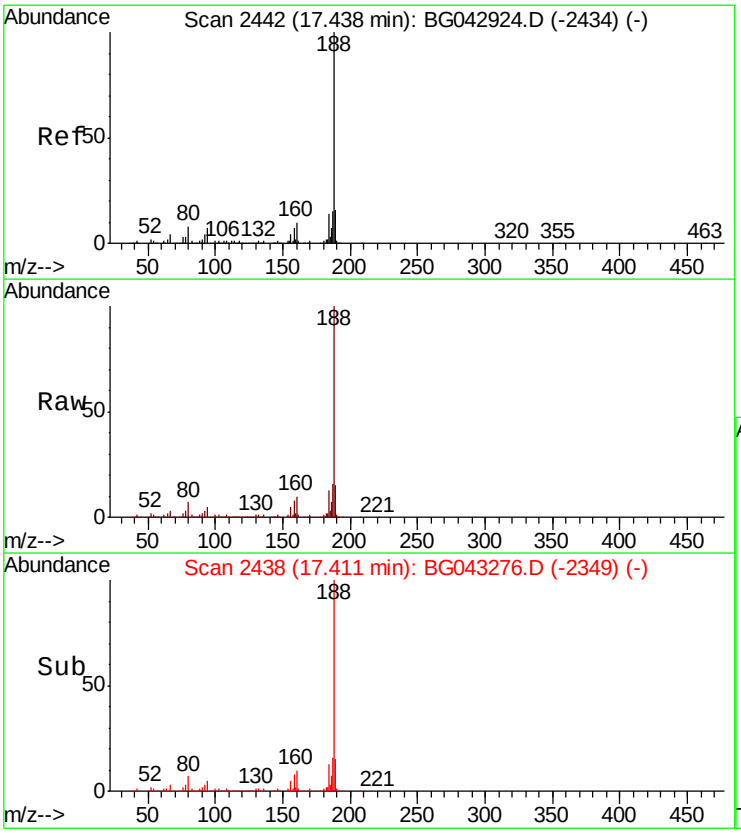
#57
2,4-Dinitrotoluene
Concen: 5.762 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.37 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tgt Ion:165 Resp: 18438

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.5	54.7#
89	1.3	55.5	83.3#
182	1.7	2.4	3.6#

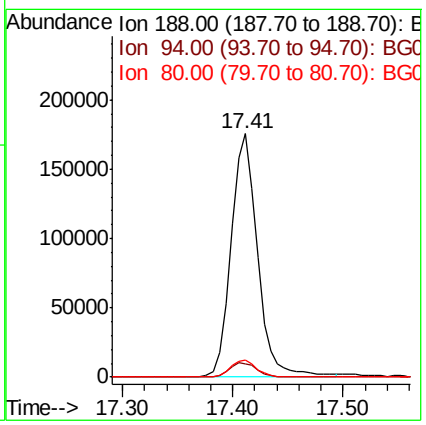


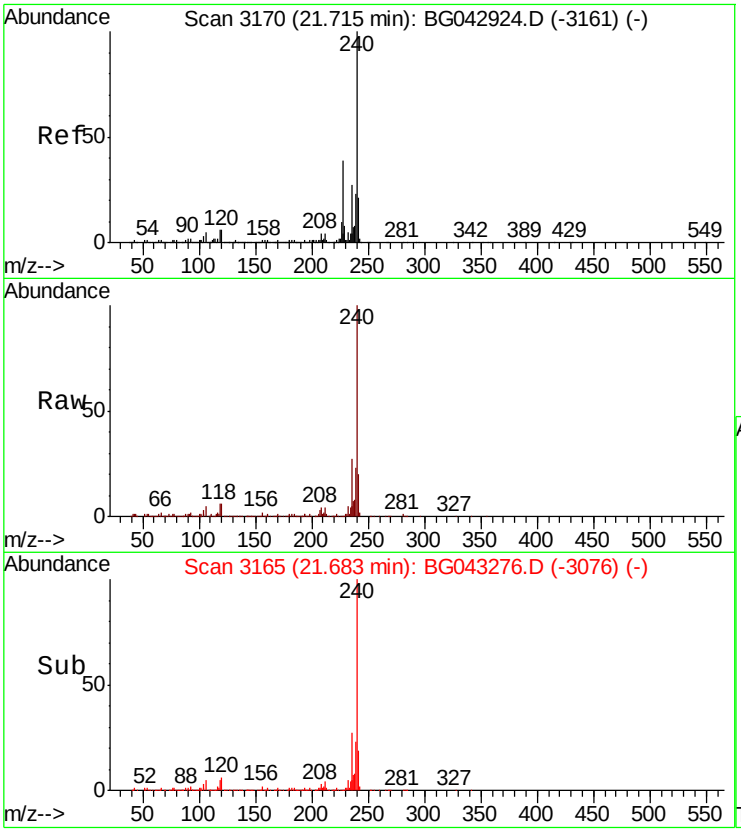


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion:188 Resp: 296135

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.7	8.5#
80	6.8	6.5	9.7



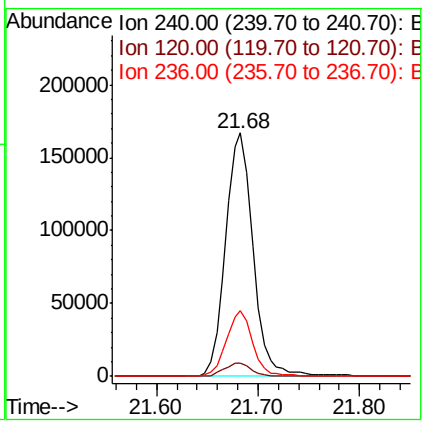


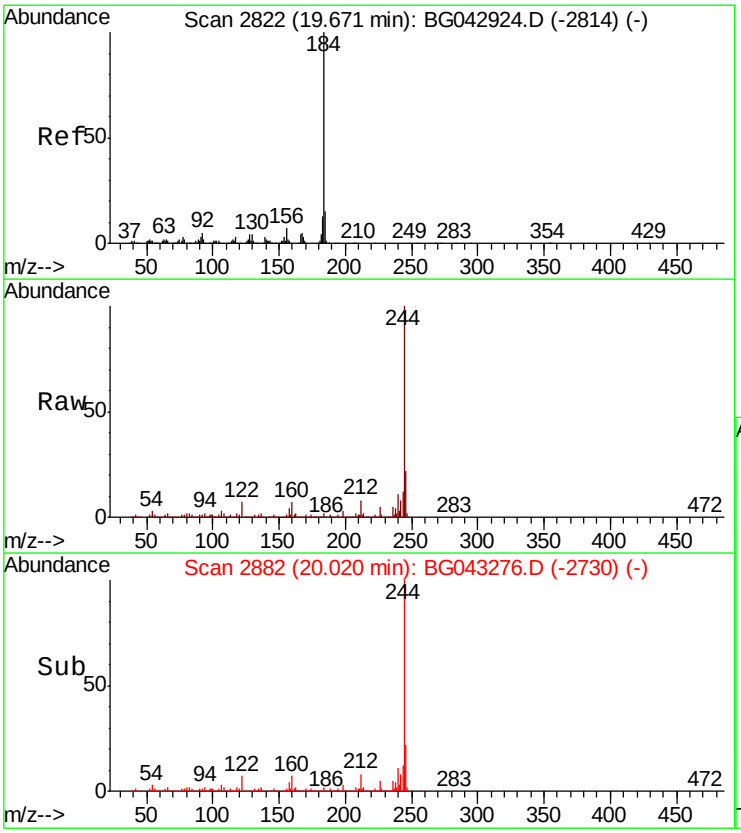
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tgt Ion:240 Resp: 313671

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.8	7.2
236	27.1	21.4	32.0

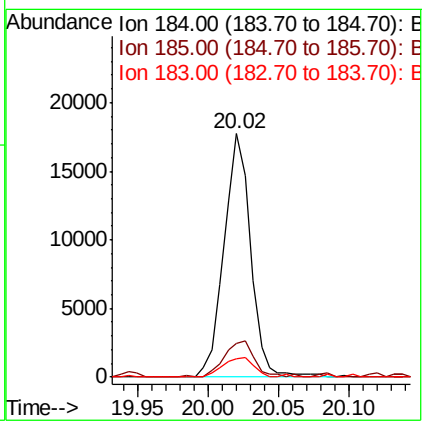


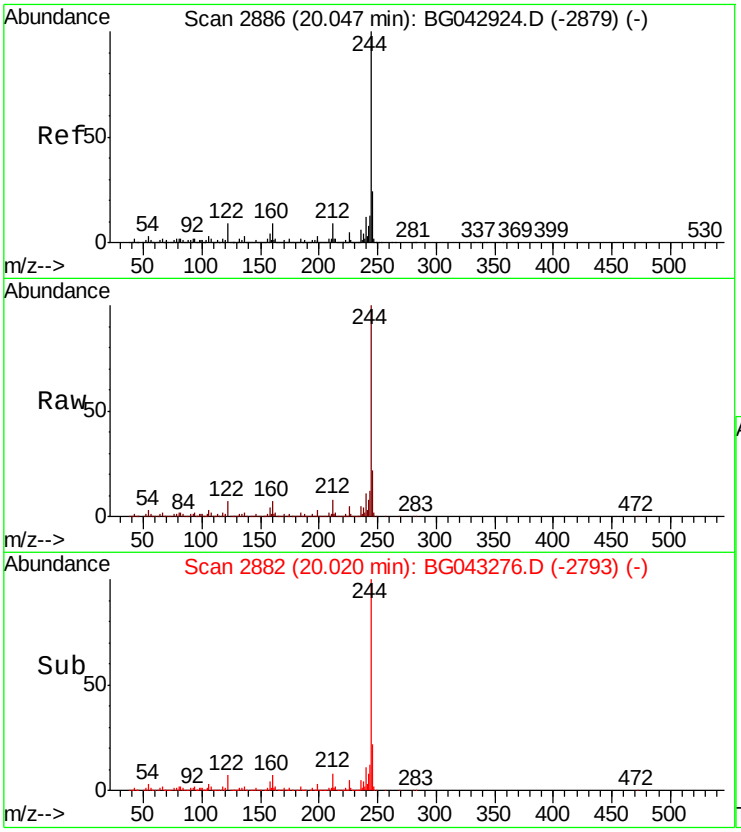


#77
Benzidine
Concen: 2.966 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion:184 Resp: 23293

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.8	17.8
183	7.8	10.1	15.1#



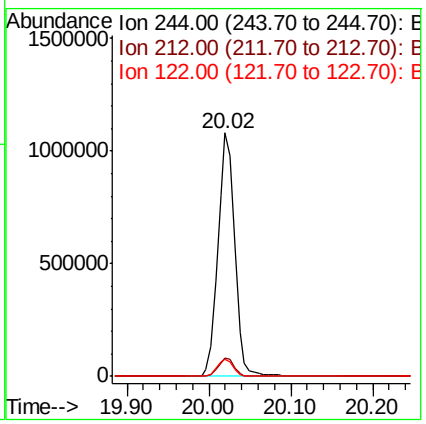


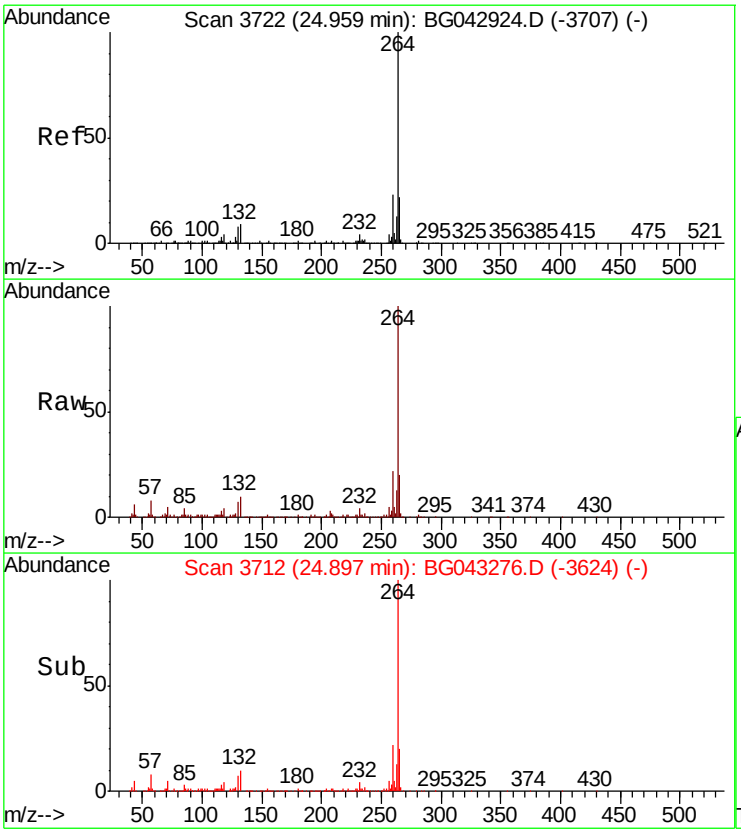
#79
Terphenyl-d14
Concen: 105.022 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.01 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Instrument :
BNA_G
ClientSampleId :
20190897-AMENDED-COMP-KM-CA

Tgt Ion:244 Resp: 1545945

Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.4	11.0
122	7.2	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG043276.D
Acq: 18 Oct 2019 00:08

Tgt Ion:264 Resp: 373957

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.7	28.1
265	20.3	17.7	26.5