Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 04 00:30:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	71471	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	309210	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	246581	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	549603	20.00	ng		0.00
76) Chrysene-d12	21.55	240	496271	20.00	ng		0.00
87) Perylene-d12	24.65	264	544712	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	696040	171.87	ng		0.00
7) Phenol-d6	7.09	99	967300	177.87	ng		0.00
23) Nitrobenzene-d5	9.07	82	588872	107.52	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	457682	158.11	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1404324	95.37	ng		0.00
79) Terphenyl-d14	19.92	244	2182440	90.45	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	9.03	117	120397	60.959	ng	#	1
19) n-Nitroso-di-n-propylamine	8.70	70	12661	3.493	ng	#	72
22) Acetophenone	8.73	105	181411	24.117	ng	#	58
24) Nitrobenzene	9.11	77	13479	2.521	ng	#	26
31) Naphthalene	10.77	128	117702	7.846	ng	#	82
32) Benzoic acid	10.06	122	130	14.206	ng	#	1
37) 2-Methylnaphthalene	12.38	142	242986	21.815	ng		100
38) 1-Methylnaphthalene	12.60	142	182880	17.415	ng		98
50) Dimethylphthalate	14.01	163	48961	2.762	ng		98
51) 2,6-Dinitrotoluene	14.55	165	33851	8.565	ng	#	30
67) 4-Bromophenyl-phenylether	16.05	248	32537	5.434	ng	#	1
77) Benzidine	19.91	184	39011	2.834	ng	#	88

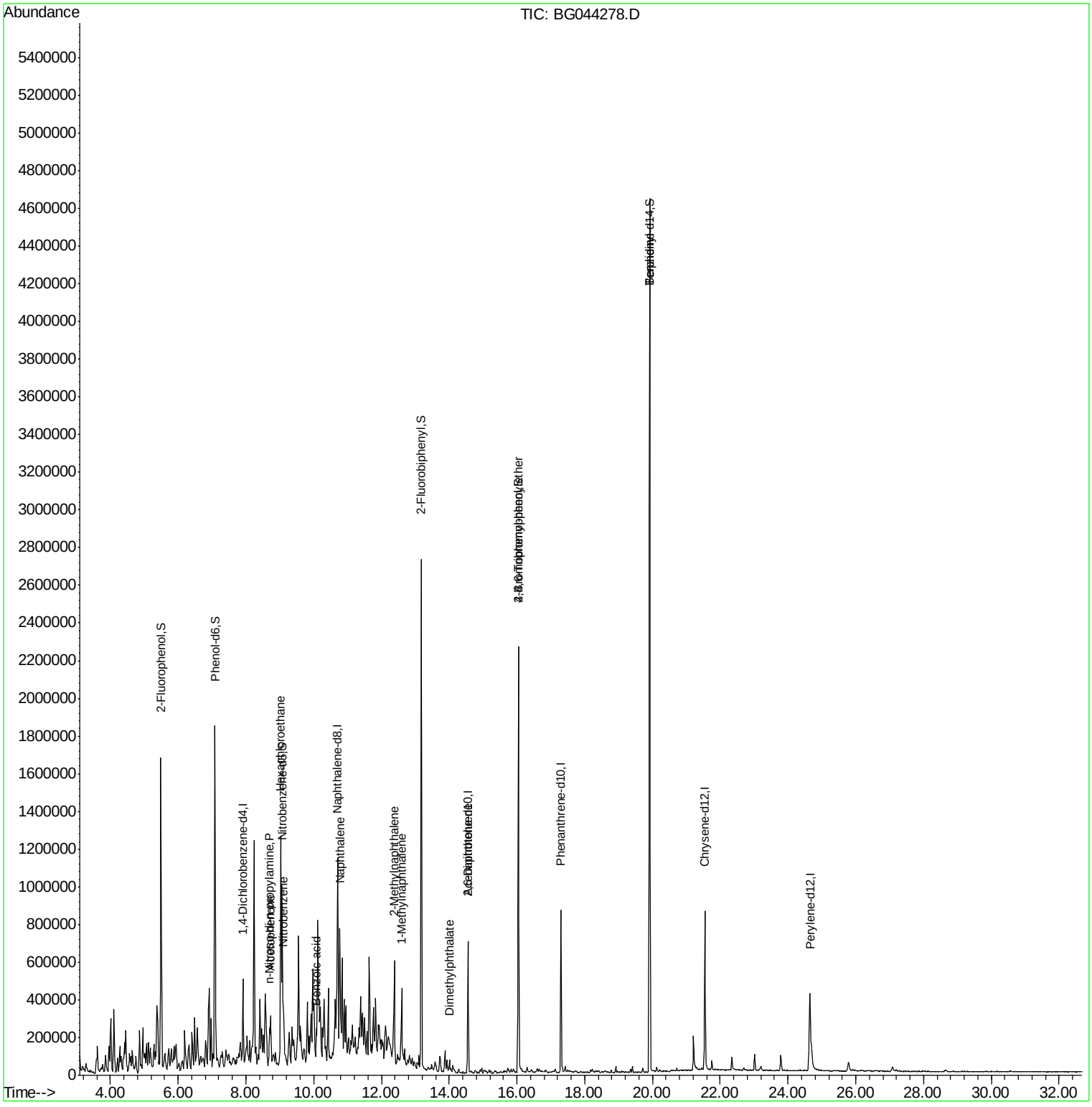
(#) = qualifier out of range (m) = manual integration (+) = signals summed

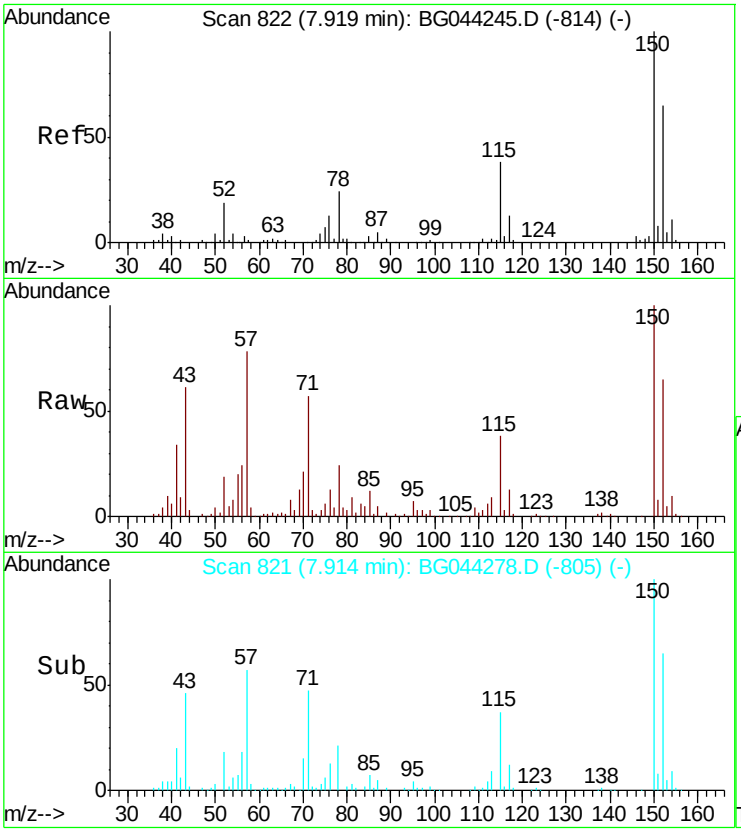
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020320\
Data File : BG044278.D
Acq On : 3 Feb 2020 18:41
Operator : CG/JU
Sample : L1346-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 04 00:30:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration



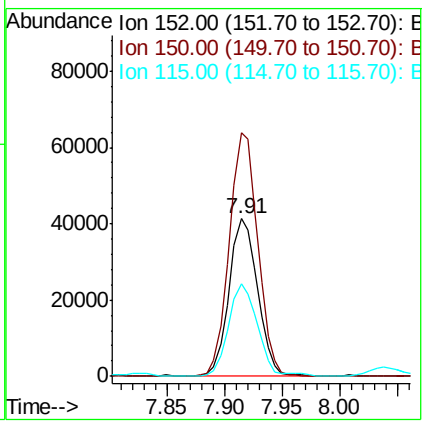


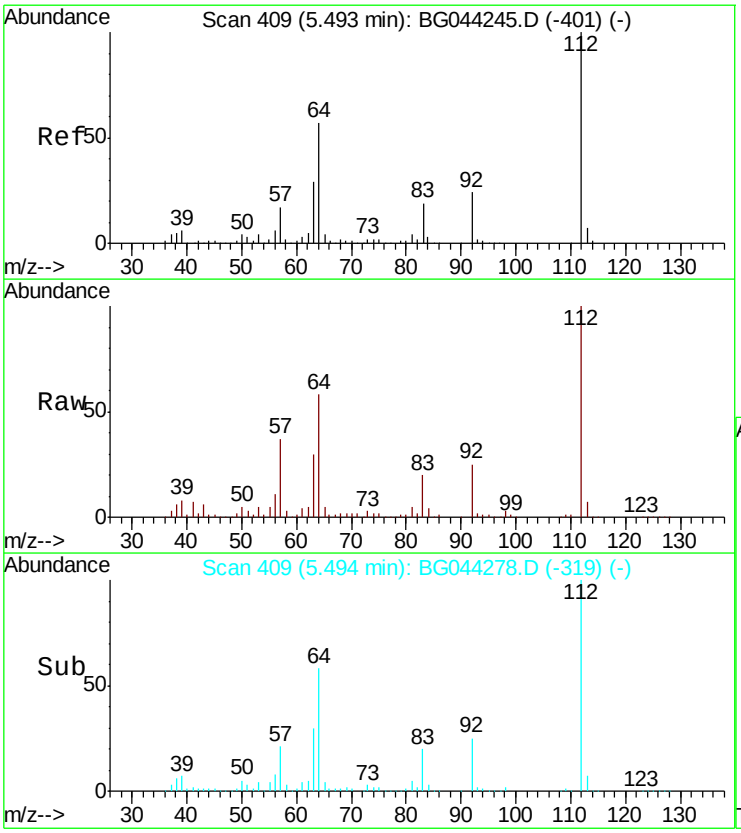
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 71471

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.6	183.8
115	59.1	46.0	69.0

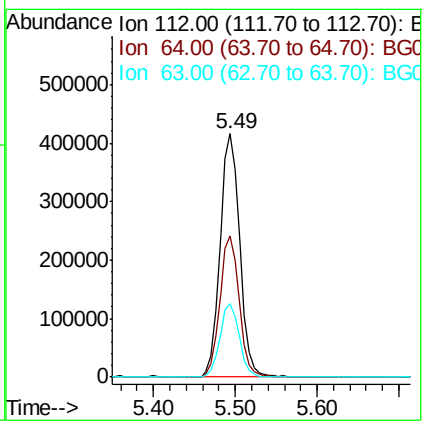


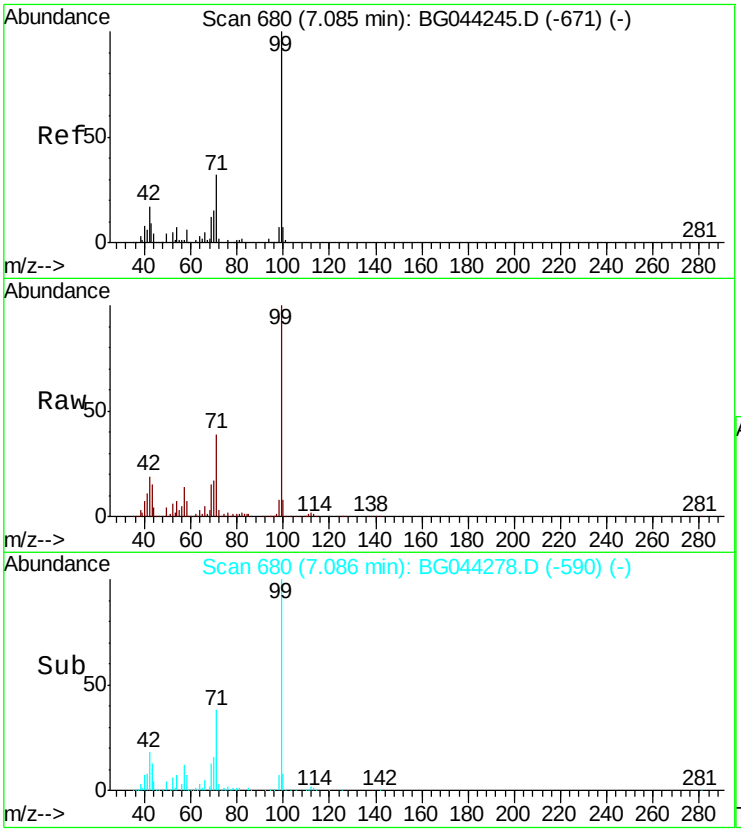


#5
2-Fluorophenol
Concen: 171.874 ng
RT: 5.49 min Scan# 409
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:112 Resp: 696040

Ion	Ratio	Lower	Upper
112	100		
64	58.2	45.4	68.2
63	30.0	22.9	34.3



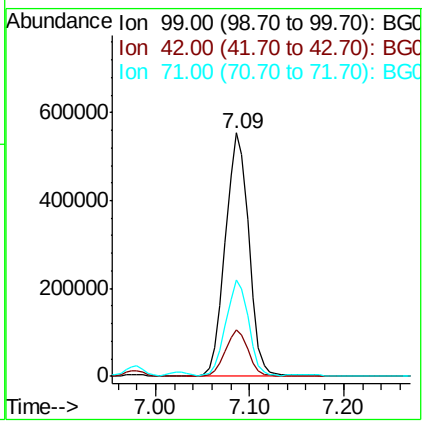


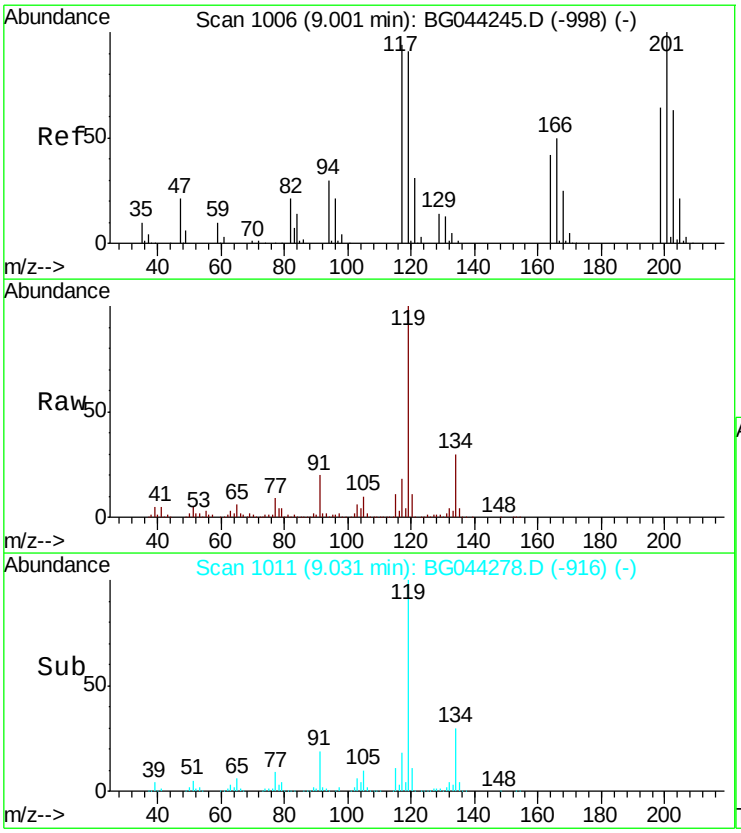
#7
Phenol-d6
Concen: 177.873 ng
RT: 7.09 min Scan# 680
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 967300

Ion	Ratio	Lower	Upper
99	100		
42	19.0	13.8	20.6
71	39.4	25.5	38.3#

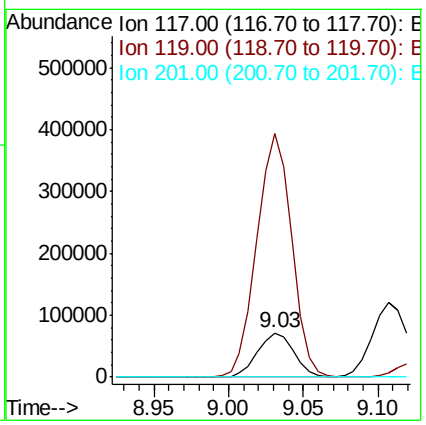


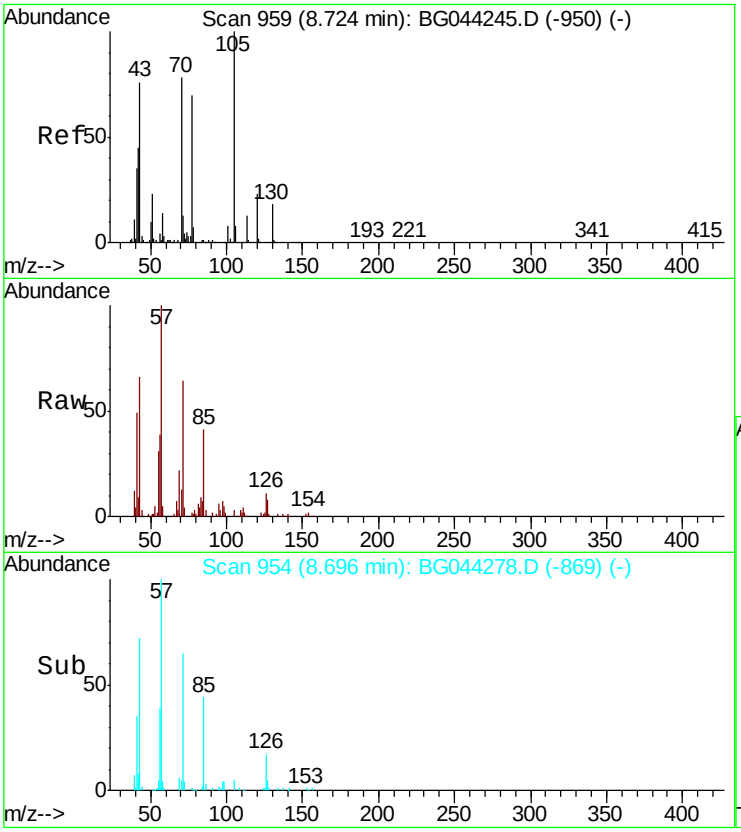


#18
Hexachloroethane
Concen: 60.959 ng
RT: 9.03 min Scan# 1011
Delta R.T. 0.03 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:117 Resp: 120397

Ion	Ratio	Lower	Upper
117	100		
119	553.4	77.5	116.3#
201	0.0	84.9	127.3#



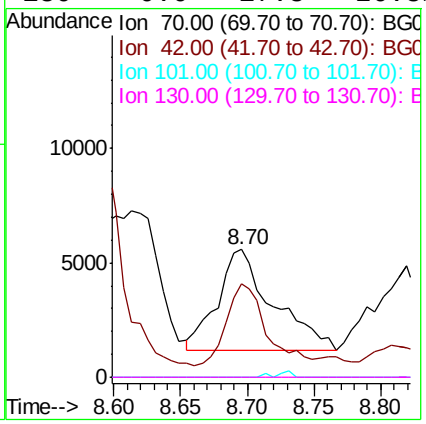


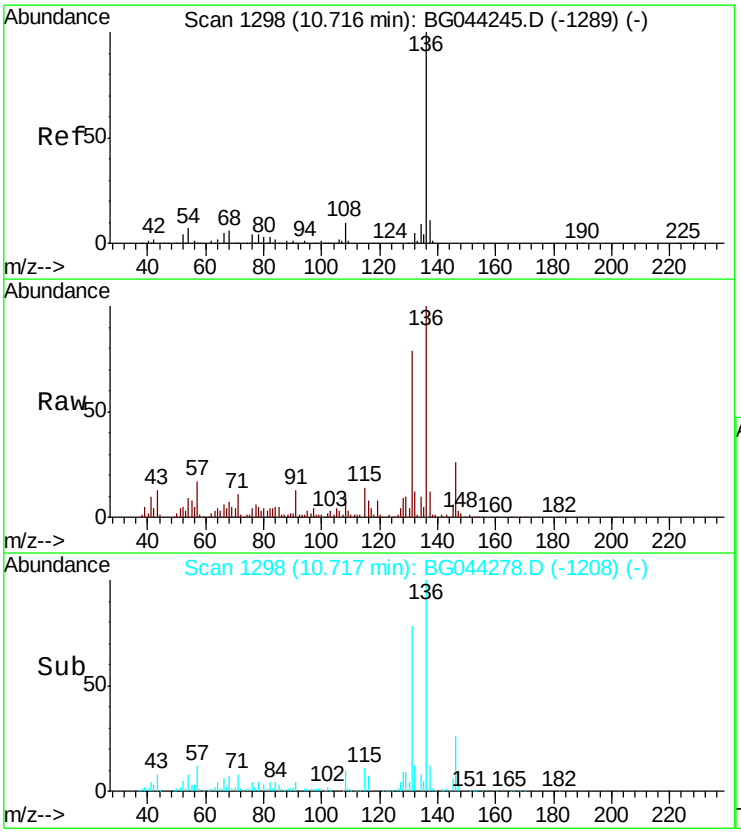
#19
n-Nitroso-di-n-propylamine
Concen: 3.493 ng
RT: 8.70 min Scan# 954
Delta R.T. -0.03 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 12661

Ion	Ratio	Lower	Upper
70	100		
42	72.7	46.2	69.2#
101	0.0	8.4	12.6#
130	0.0	17.8	26.8#

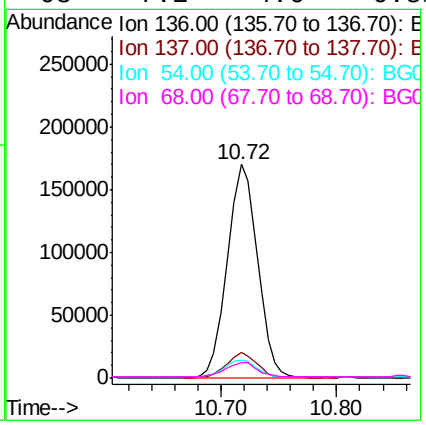


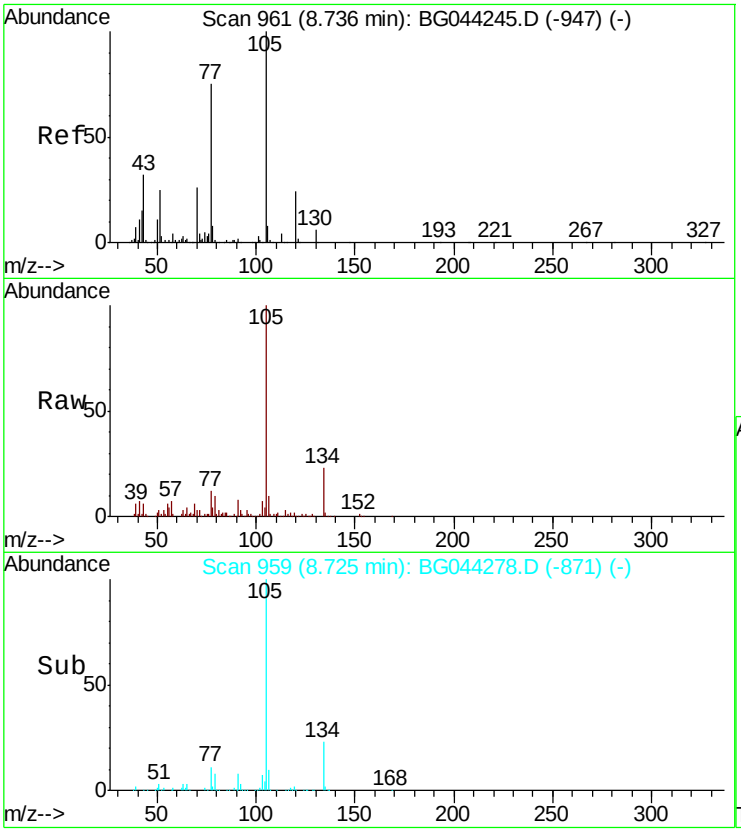


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:136 Resp: 309210

Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.8	13.2
54	8.6	5.8	8.8
68	7.2	4.6	6.8#



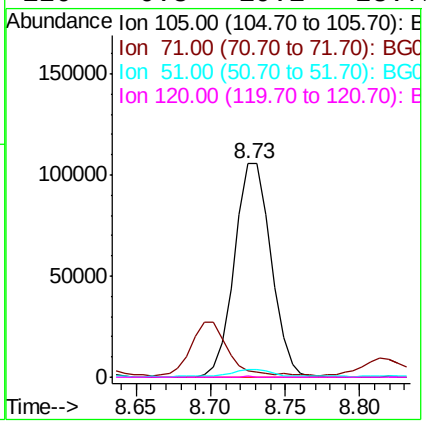


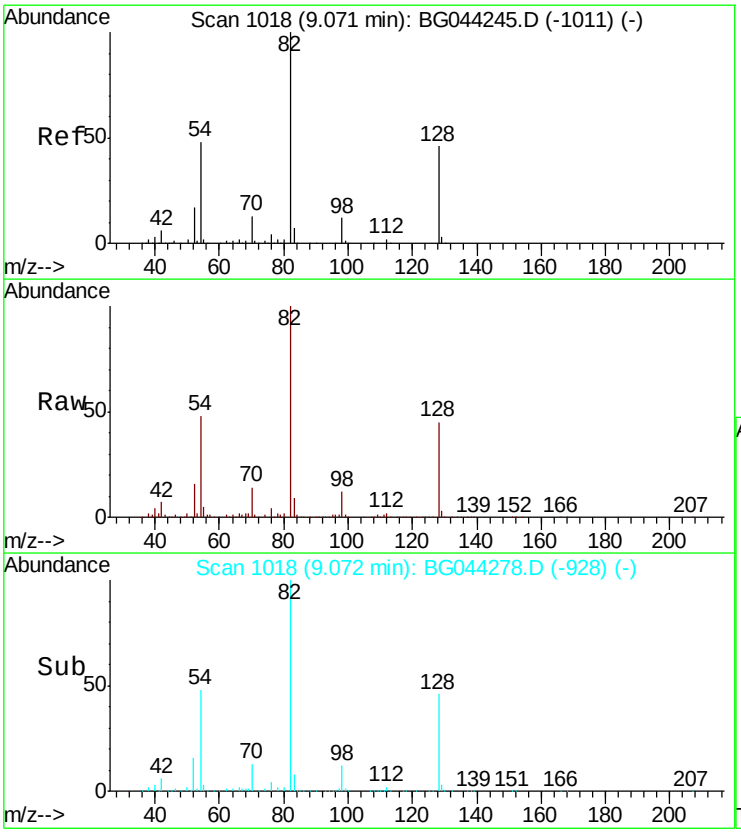
#22
Acetophenone
Concen: 24.117 ng
RT: 8.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:105 Resp: 181411

Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.4	5.0#
51	3.4	20.2	30.4#
120	0.3	19.1	28.7#

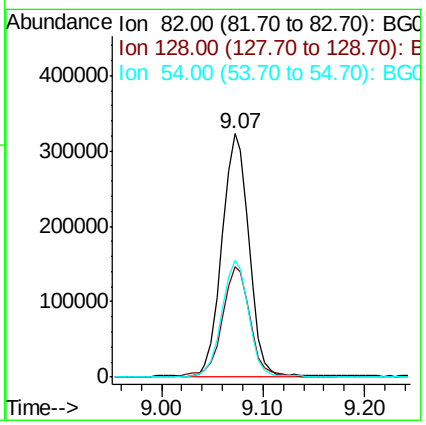


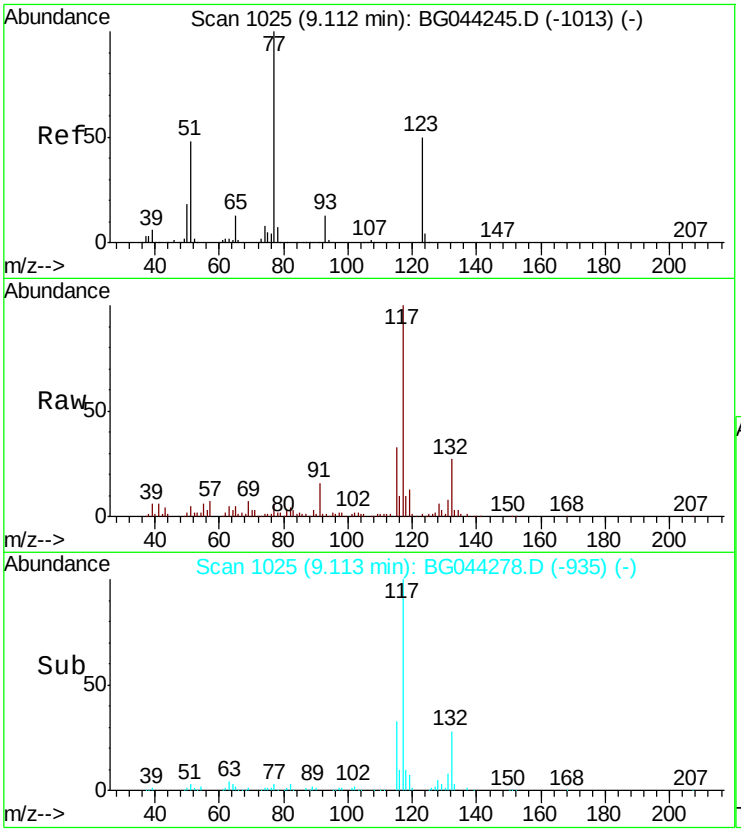


#23
Nitrobenzene-d5
Concen: 107.518 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion: 82 Resp: 588872

Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.5	54.7
54	48.0	38.6	58.0



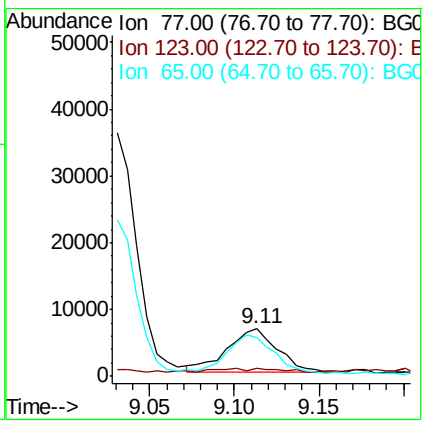


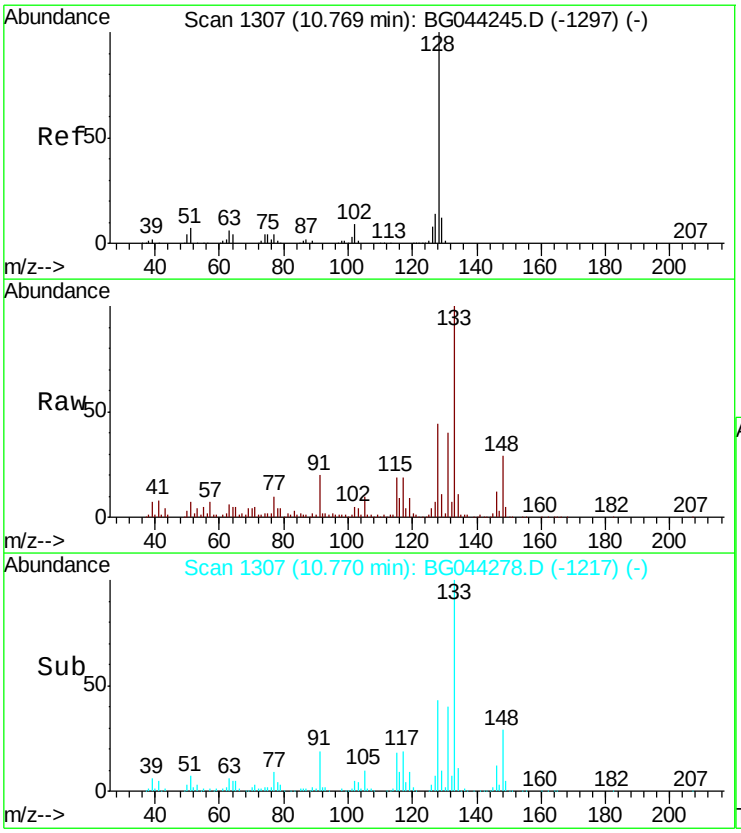
#24
Nitrobenzene
Concen: 2.521 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 13479

Ion	Ratio	Lower	Upper
77	100		
123	16.8	39.9	59.9#
65	80.9	10.4	15.6#

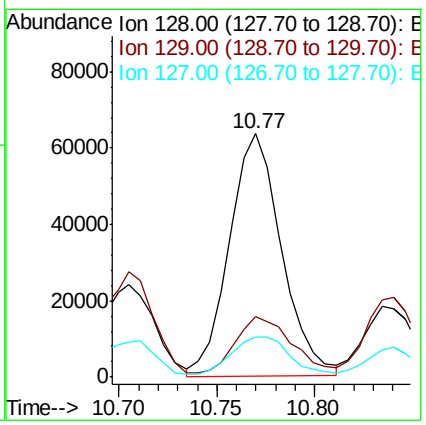


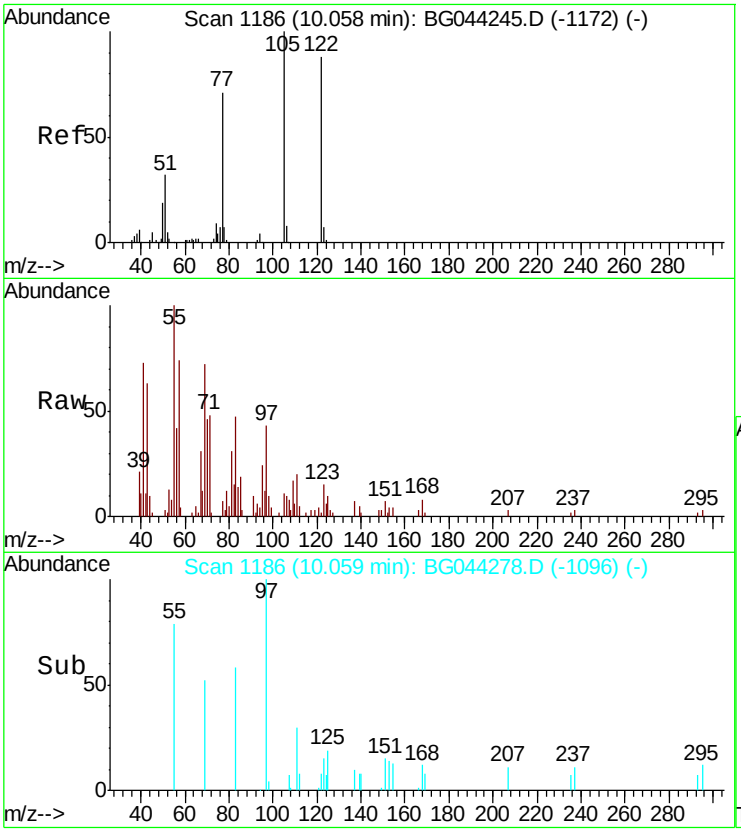


#31
Naphthalene
Concen: 7.846 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:128 Resp: 117702

Ion	Ratio	Lower	Upper
128	100		
129	24.8	9.3	13.9#
127	16.7	11.6	17.4



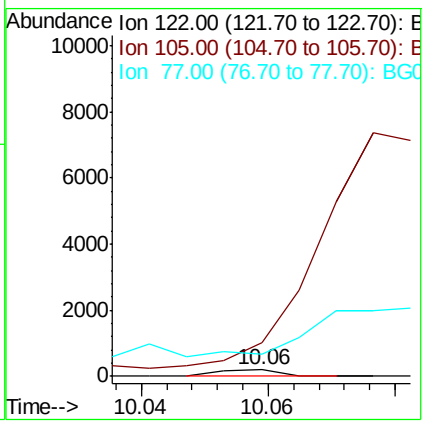


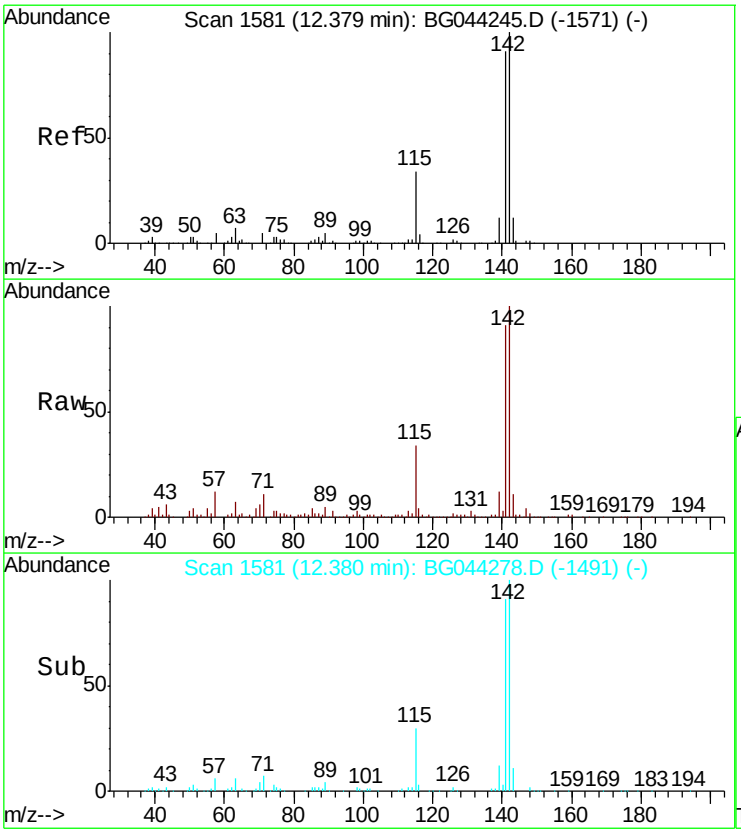
#32
Benzoic acid
Concen: 14.206 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 130

Ion	Ratio	Lower	Upper
122	100		
105	501.5	93.5	133.5#
77	335.5	61.0	101.0#

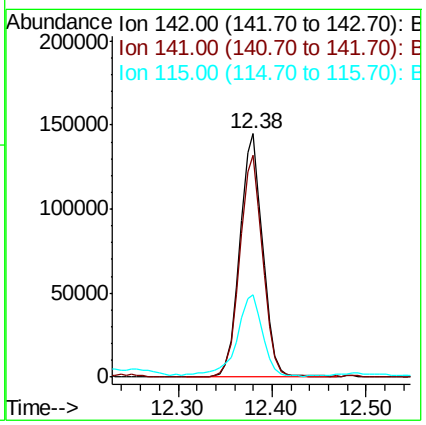


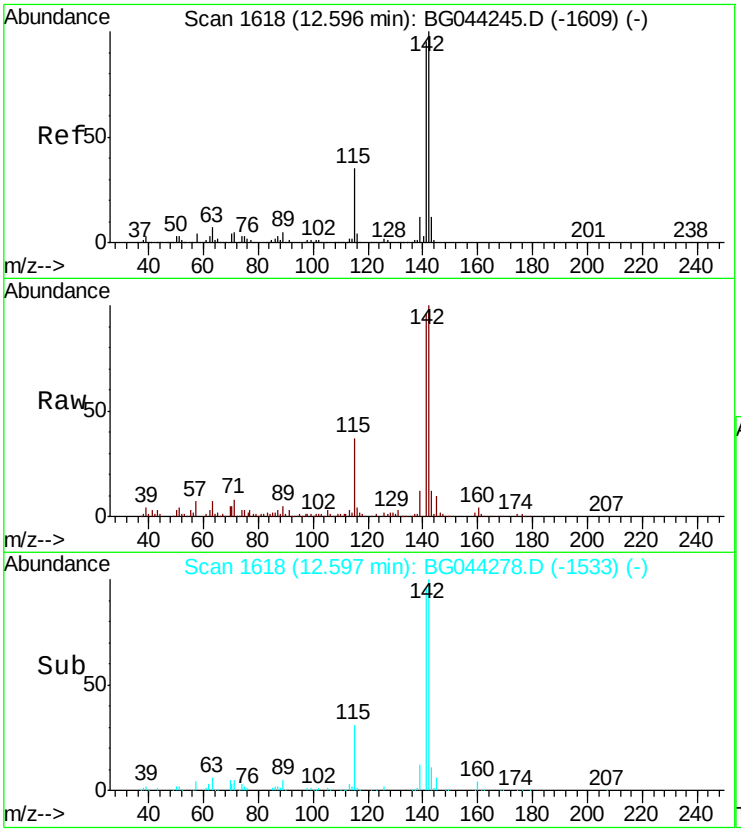


#37
2-Methylnaphthalene
Concen: 21.815 ng
RT: 12.38 min Scan# 1581
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:142 Resp: 242986

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8
115	33.6	27.1	40.7



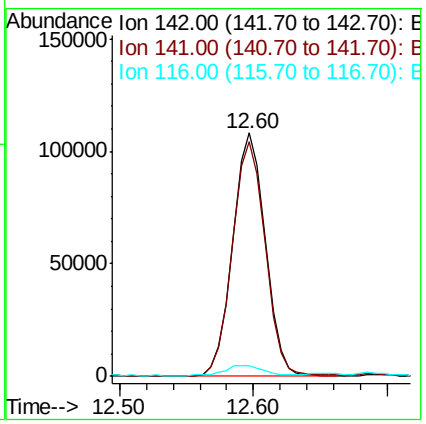


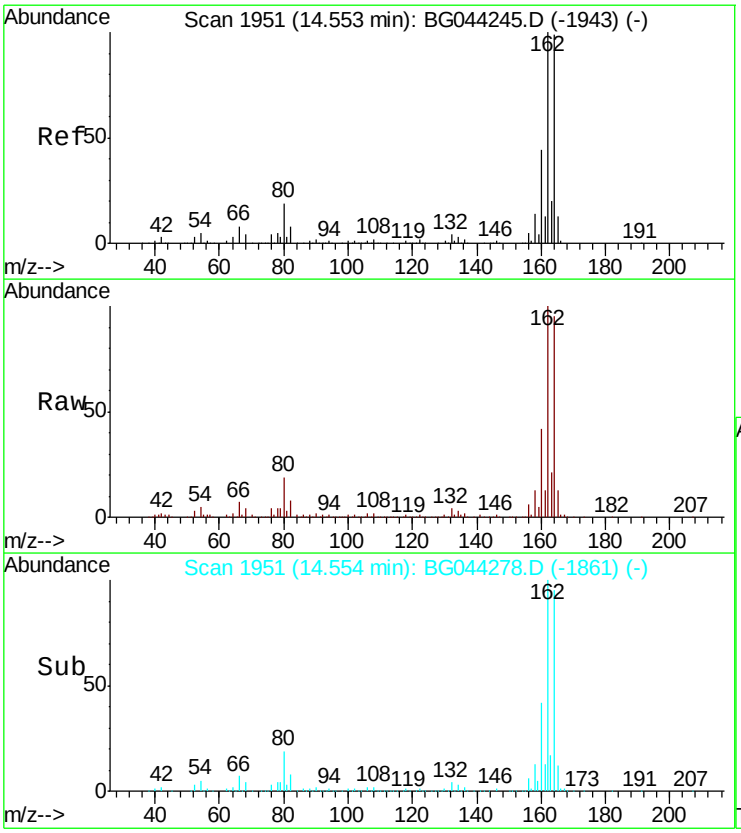
#38
1-Methylnaphthalene
Concen: 17.415 ng
RT: 12.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 182880

Ion	Ratio	Lower	Upper
142	100		
141	96.4	75.8	113.6
116	4.4	3.1	4.7

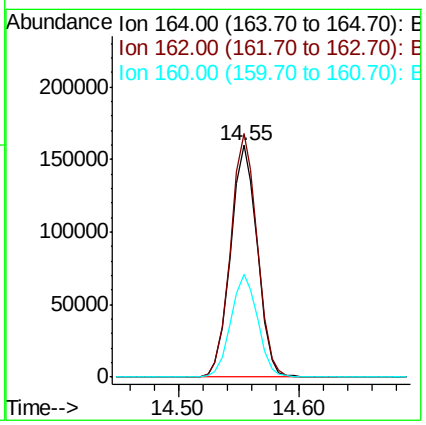


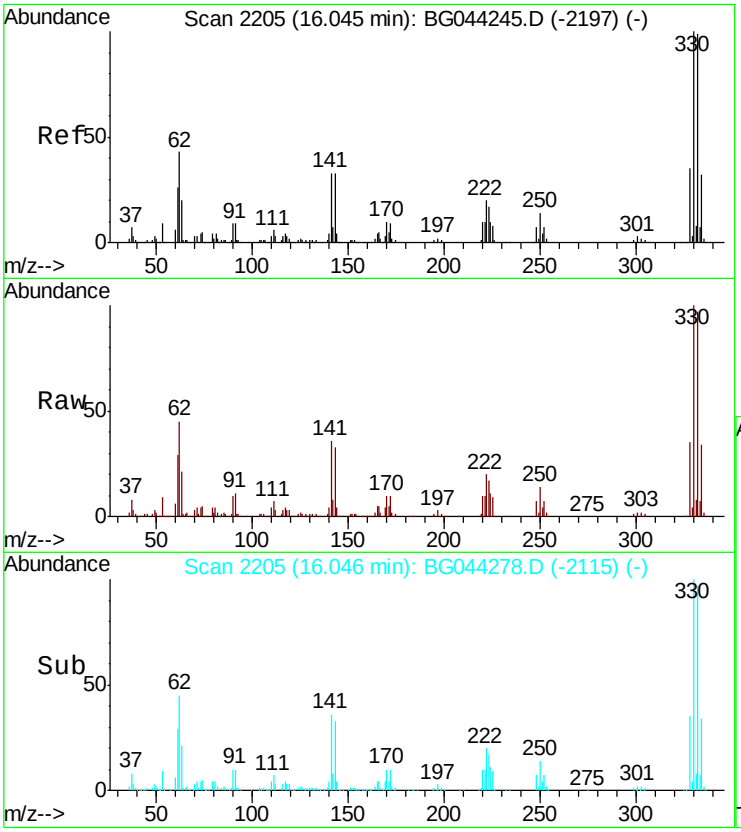


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:164 Resp: 246581

Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.7	121.1
160	44.6	35.3	52.9



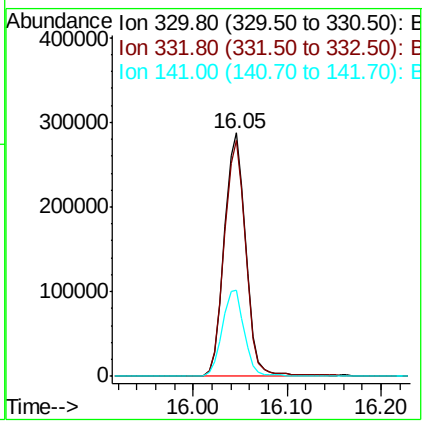


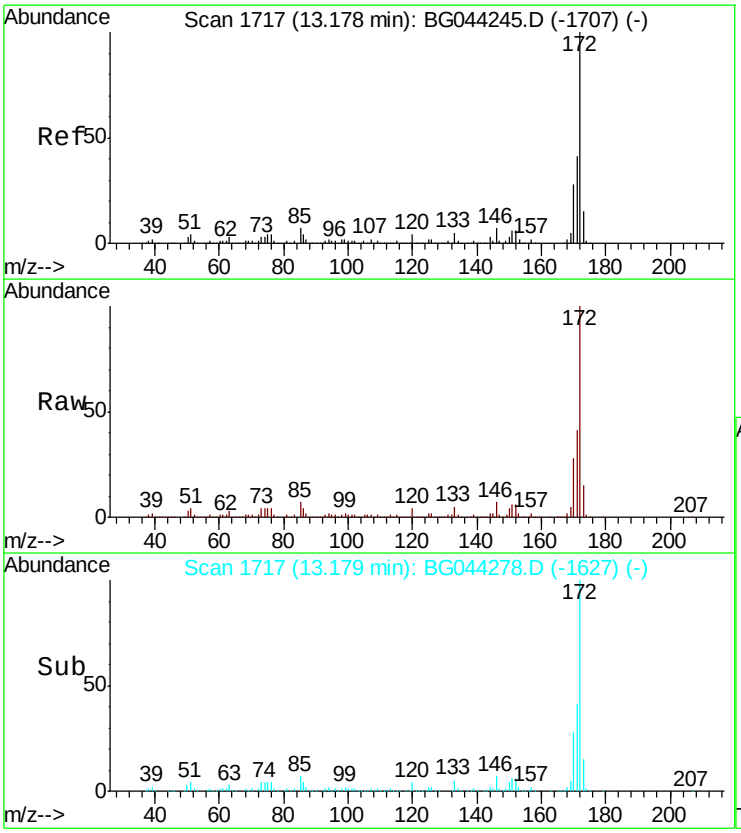
#42
2,4,6-Tribromophenol
Concen: 158.109 ng
RT: 16.05 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 457682

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.2	115.8
141	36.2	28.3	42.5

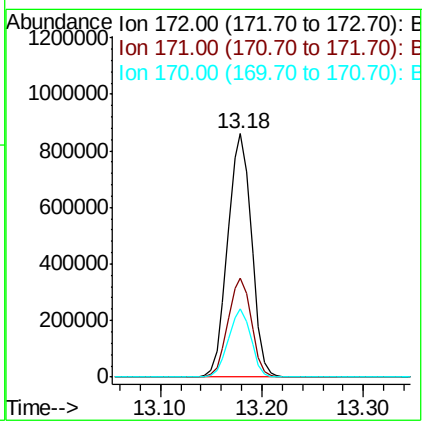


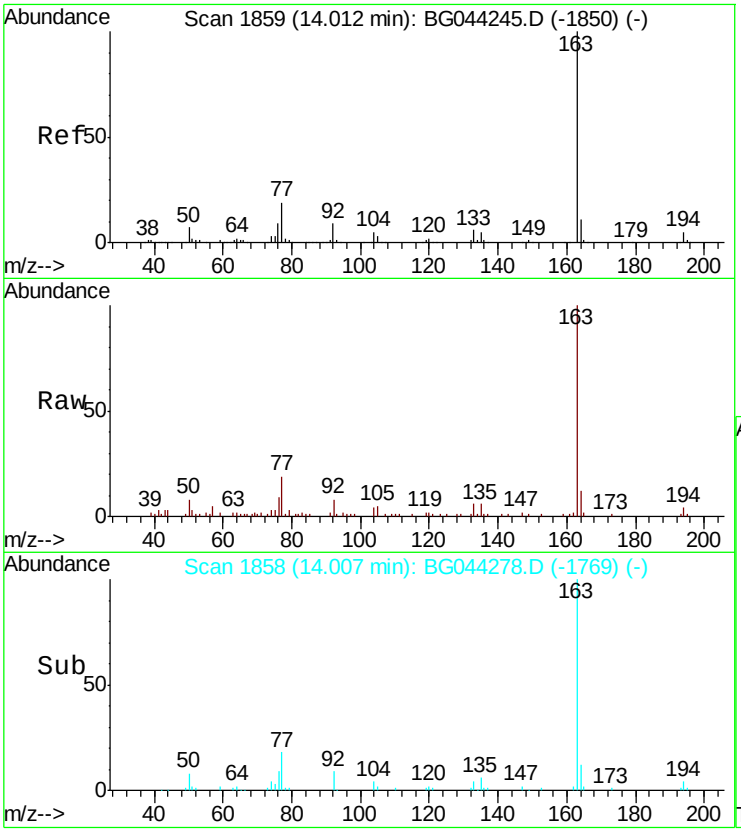


#45
2-Fluorobiphenyl
Concen: 95.369 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:172 Resp: 1404324

Ion	Ratio	Lower	Upper
172	100		
171	40.9	32.9	49.3
170	28.1	22.0	33.0



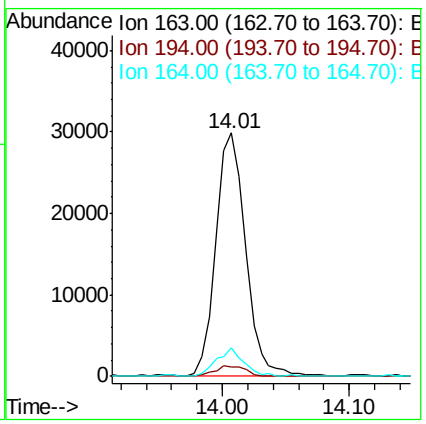


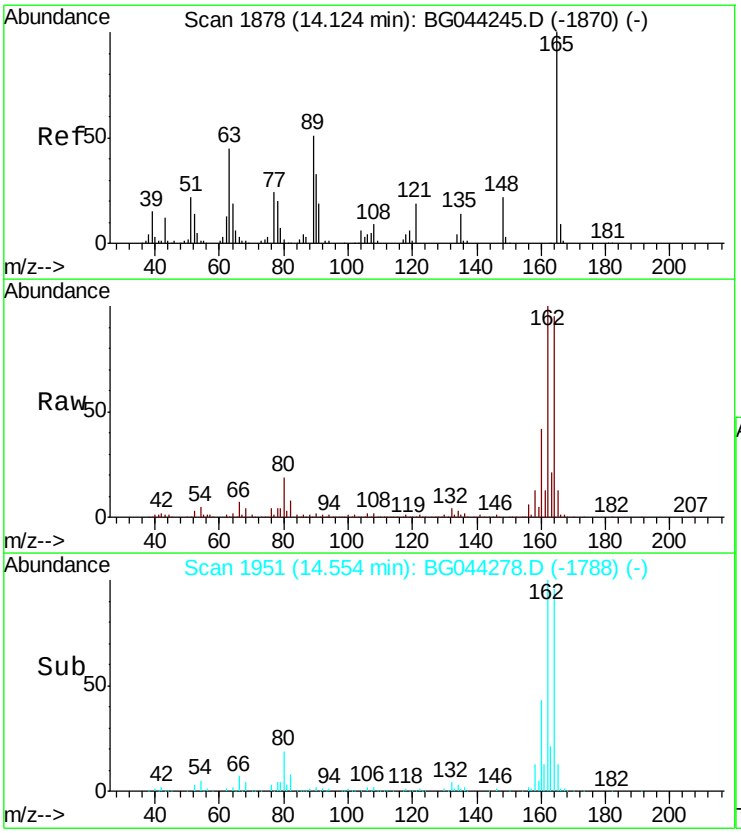
#50
Dimethylphthalate
Concen: 2.762 ng
RT: 14.01 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 48961

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	11.9	8.7	13.1

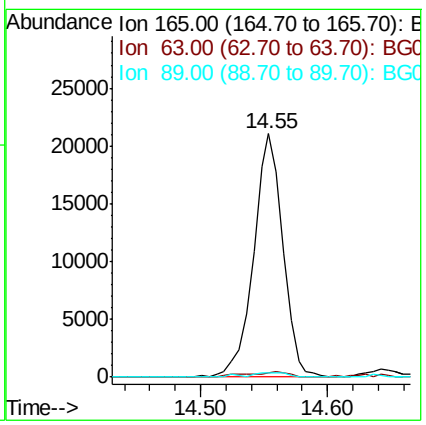


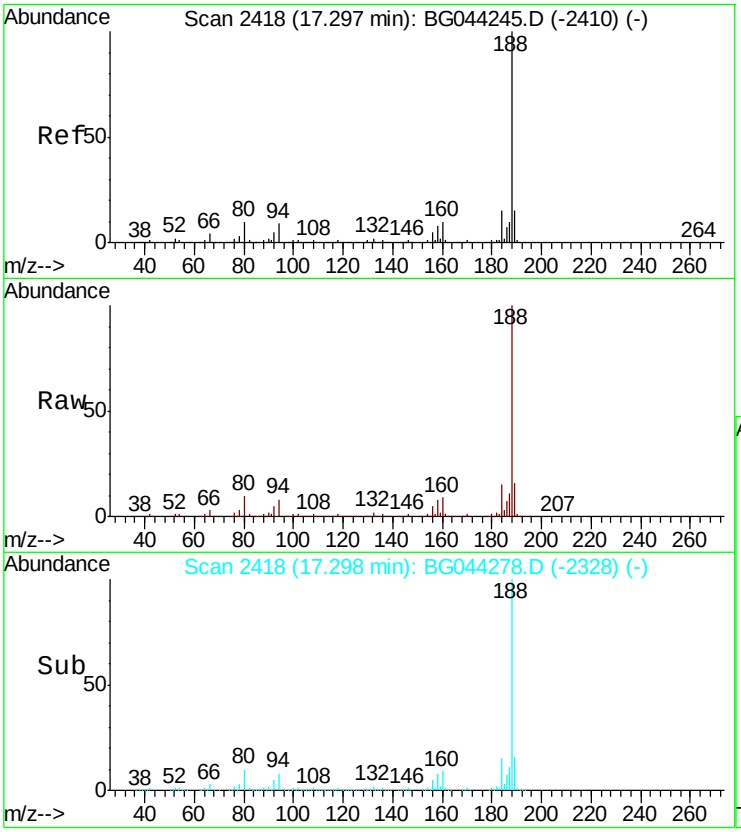


#51
2,6-Dinitrotoluene
Concen: 8.565 ng
RT: 14.55 min Scan# 1951
Delta R.T. 0.43 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:165 Resp: 33851

Ion	Ratio	Lower	Upper
165	100		
63	1.6	38.7	58.1#
89	2.0	40.4	60.6#



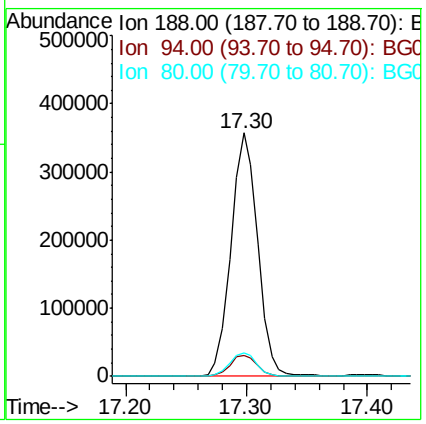


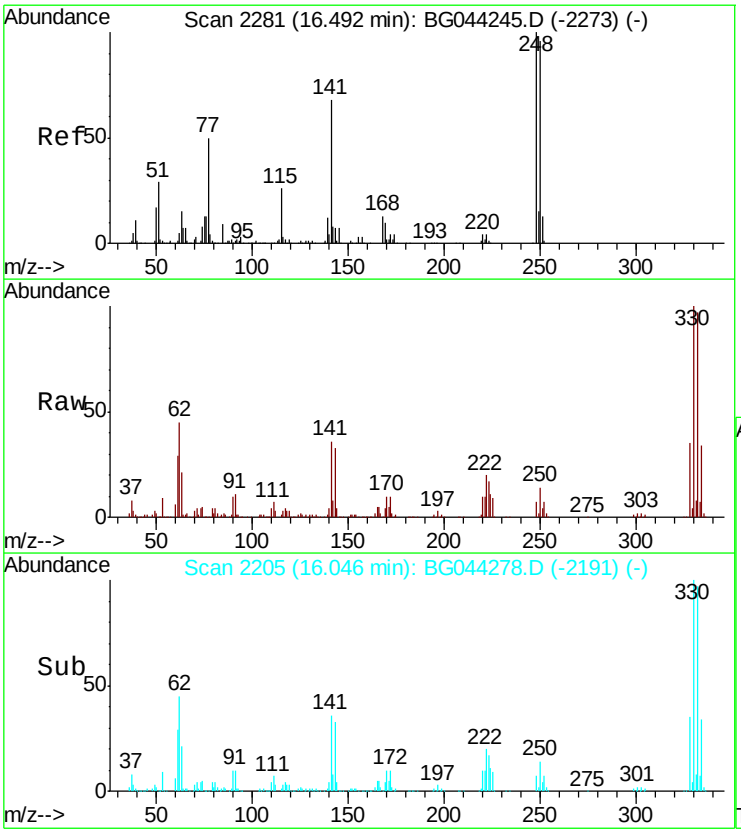
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 549603

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.7	7.7	11.5

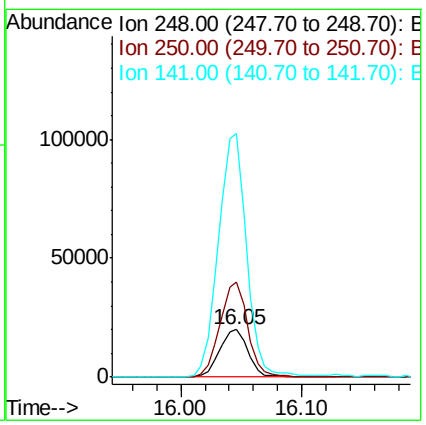


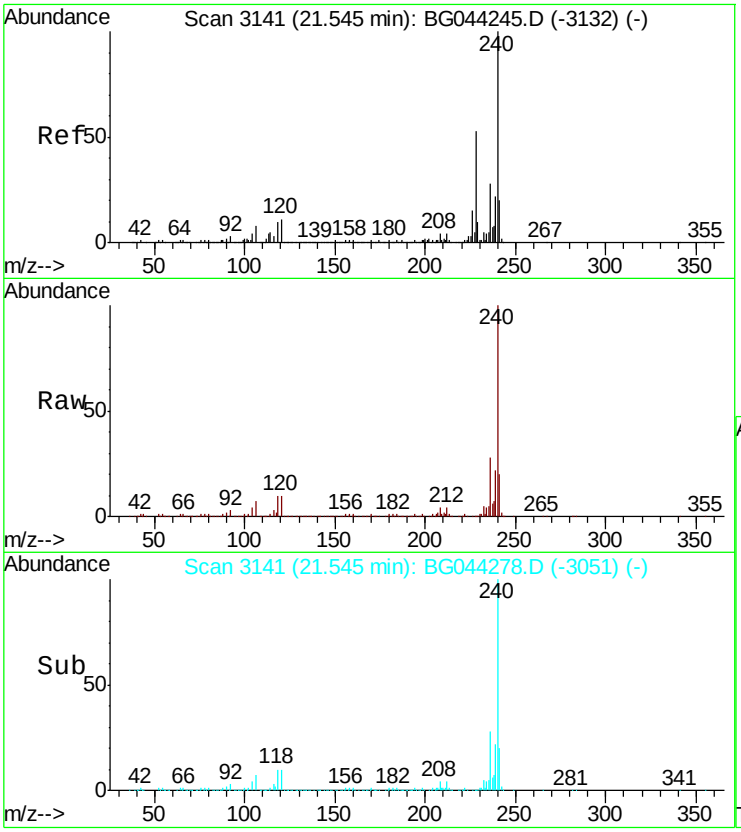


#67
4-Bromophenyl-phenylether
Concen: 5.434 ng
RT: 16.05 min Scan# 2205
Delta R.T. -0.45 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:248 Resp: 32537

Ion	Ratio	Lower	Upper
248	100		
250	202.7	76.6	114.8#
141	515.7	54.7	82.1#



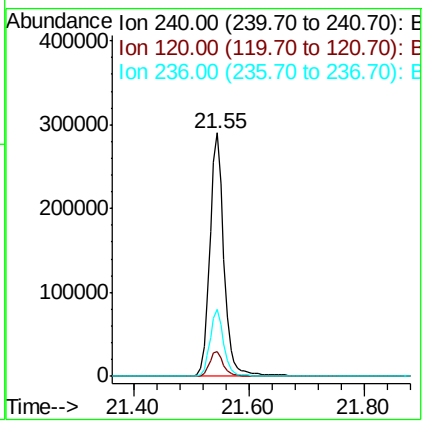


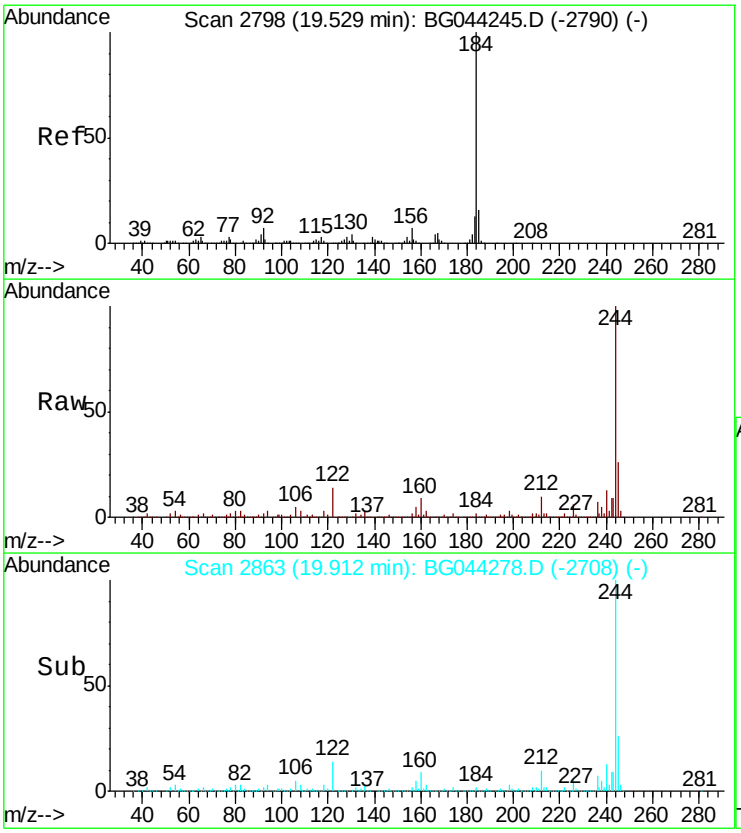
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 496271

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	27.5	22.1	33.1

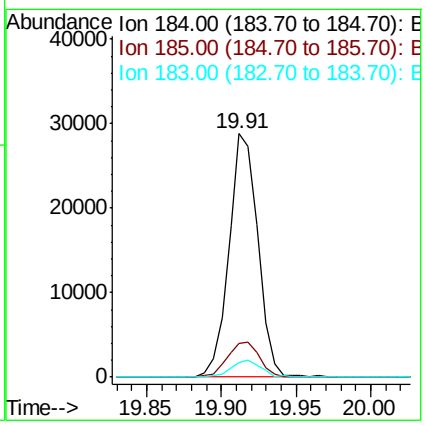


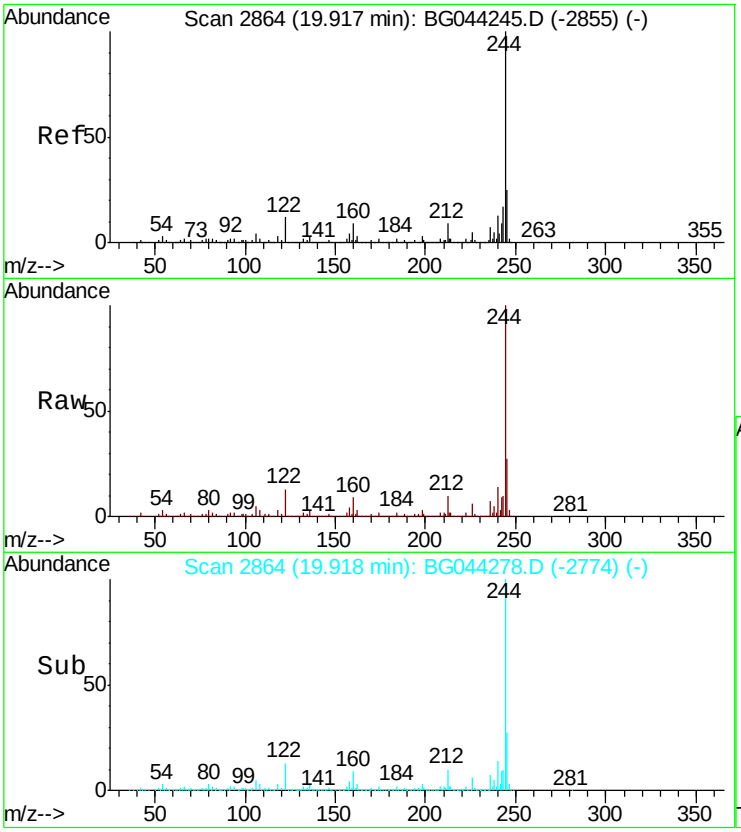


#77
Benzidine
Concen: 2.834 ng
RT: 19.91 min Scan# 2863
Delta R.T. 0.38 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:184 Resp: 39011

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.9	19.3
183	5.8	10.8	16.2#



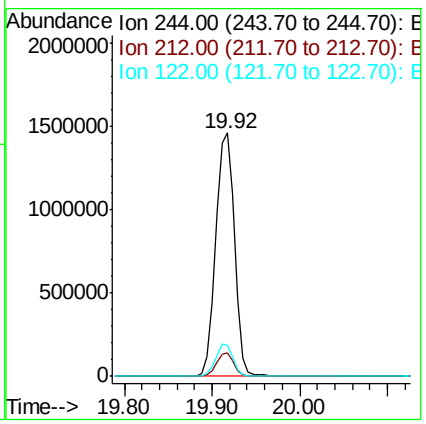


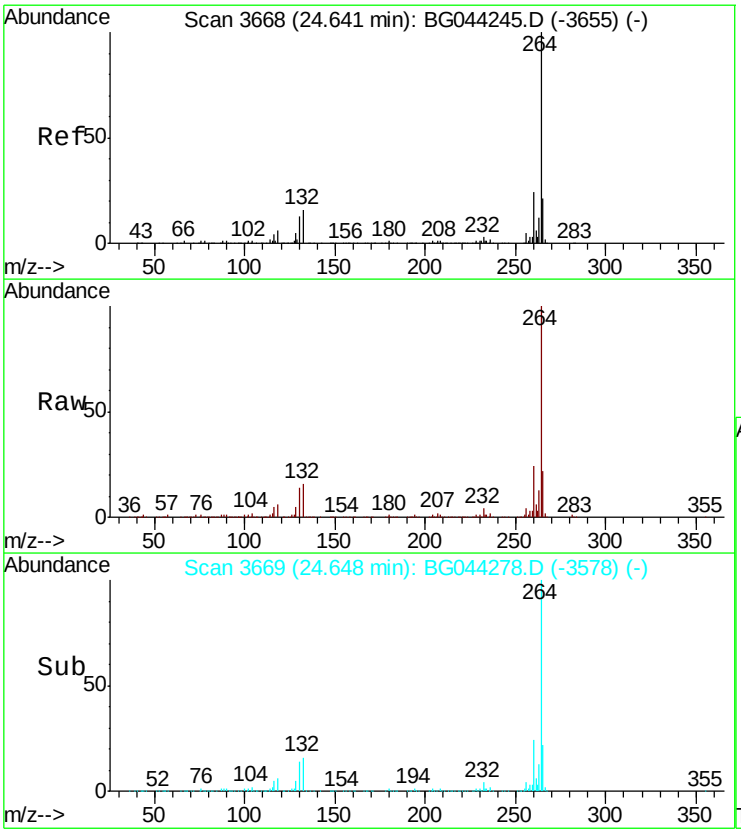
#79
Terphenyl-d14
Concen: 90.455 ng
RT: 19.92 min Scan# 2864
Delta R.T. 0.00 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2182440

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.4	11.2
122	12.9	9.8	14.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.65 min Scan# 3669
Delta R.T. 0.01 min
Lab File: BG044278.D
Acq: 3 Feb 2020 18:41

Tgt Ion:264 Resp: 544712

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.4	16.7	25.1