Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
Data File : BG044490.D
Acq On : 19 Feb 2020 14:49
Operator : CG/JU
Sample : PB126885BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126885BL

Quant Time: Feb 20 07:14:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	1075	20.00	ng	-0.02
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.70
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.54
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.29
76) Chrysene-d12	21.53	240	235	20.00	ng	-0.01
87) Perylene-d12	0.00	264	0	0.00	ng	-24.62
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	508381	8346.16	ng	-0.01
7) Phenol-d6	7.07	99	645126	7887.05	ng	-0.01
23) Nitrobenzene-d5	9.05	82	384325	0.00	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	252272	0.00	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	900613	0.00	ng	-0.01
79) Terphenyl-d14	19.89	244	1567007	137154.51	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	69	2.521	ng	# 1
4) n-Nitrosodimethylamine	3.68	42	149	4.890	ng	# 1
9) Benzaldehyde	7.06	77	1007	21.616	ng	# 1
15) Benzyl Alcohol	8.21	79	6145	106.114	ng	# 43
19) n-Nitroso-di-n-propylamine	9.05	70	48928	897.548	ng	# 75
77) Benzidine	19.89	184	24262	3722.118	ng	# 91
78) Pyrene	19.69	202	216	14.312	ng	# 53
80) Butylbenzylphthalate	20.59	149	462	67.176	ng	# 73
81) Benzo(a)anthracene	21.53	228	437	30.173	ng	# 48
83) Chrysene	21.57	228	709	50.645	ng	# 40
84) Bis(2-ethylhexyl)phthalate	21.41	149	691	72.996	ng	# 50
85) Di-n-octyl phthalate	22.58	149	663	40.479	ng	# 78

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
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Acq On : 19 Feb 2020 14:49
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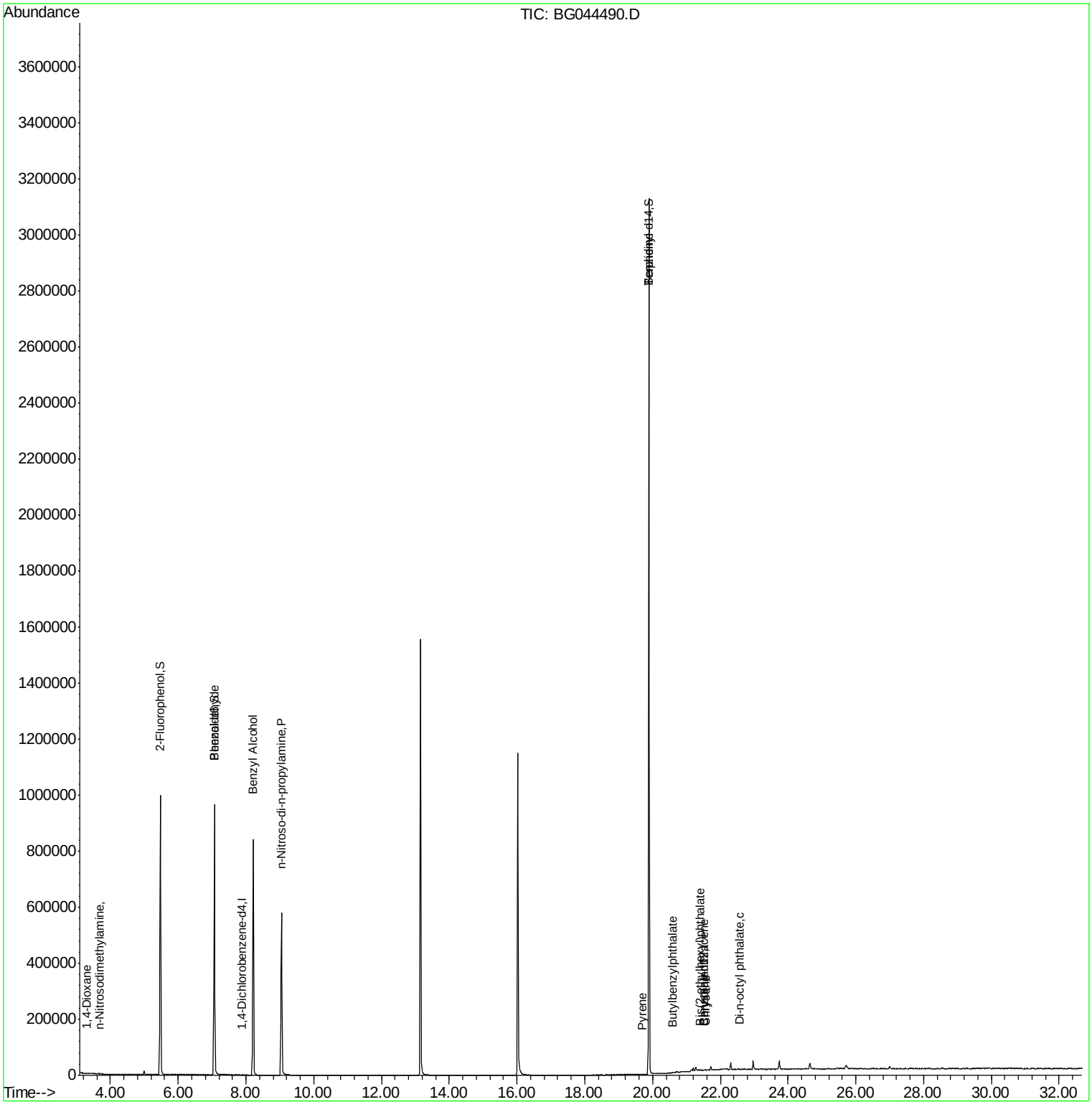
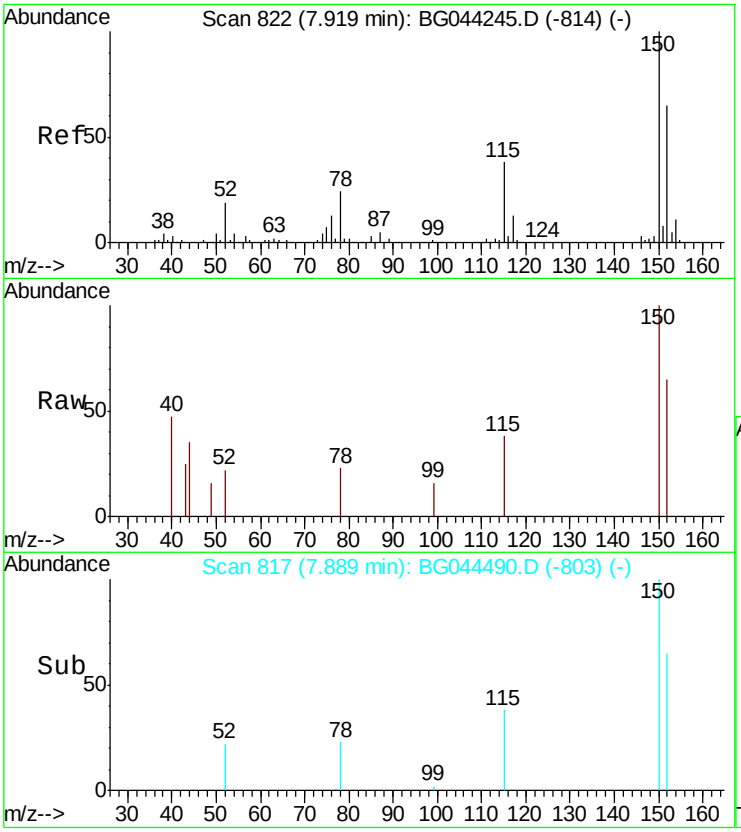
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Quant Time: Feb 20 07:14:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration



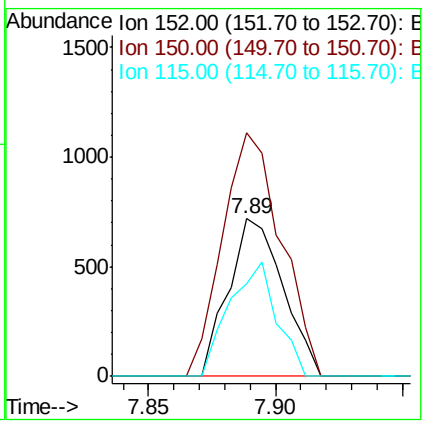


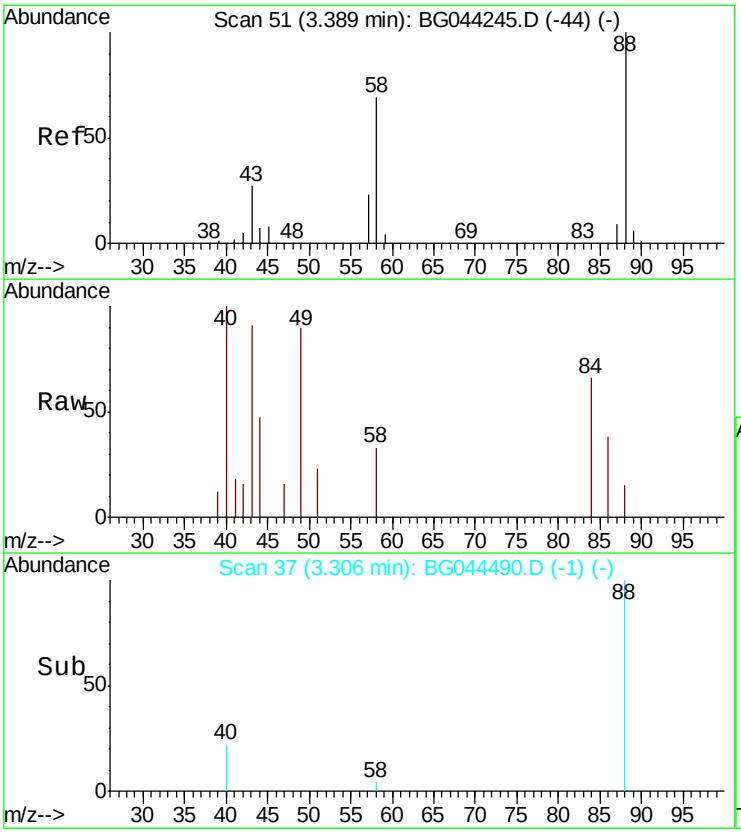
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Tgt Ion:152 Resp: 1075

Ion	Ratio	Lower	Upper
152	100		
150	154.5	122.6	183.8
115	58.6	46.0	69.0

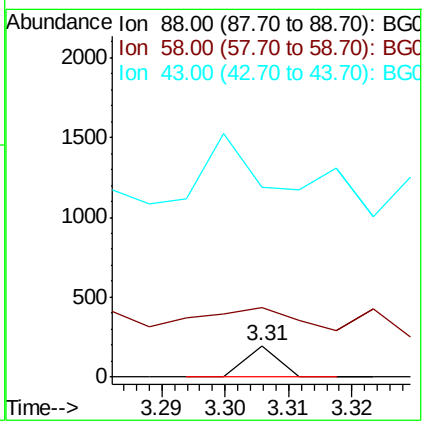


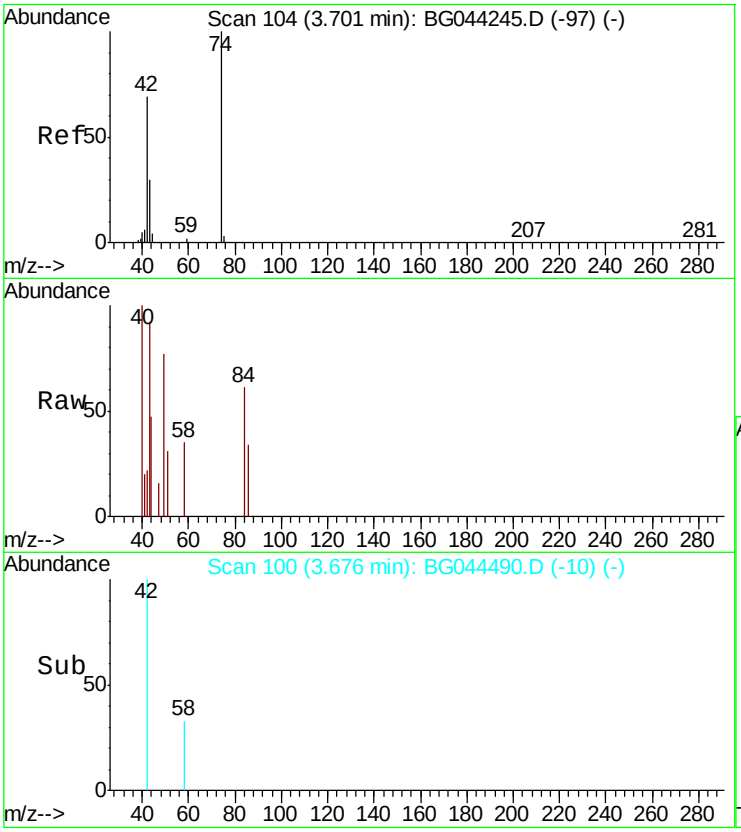


#2
1,4-Dioxane
Concen: 2.521 ng
RT: 3.31 min Scan# 37
Delta R.T. -0.06 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion: 88 Resp: 69

Ion	Ratio	Lower	Upper
88	100		
58	0.0	55.8	83.6#
43	711.6	21.6	32.4#



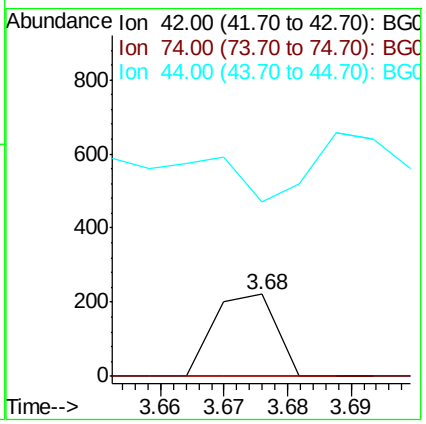


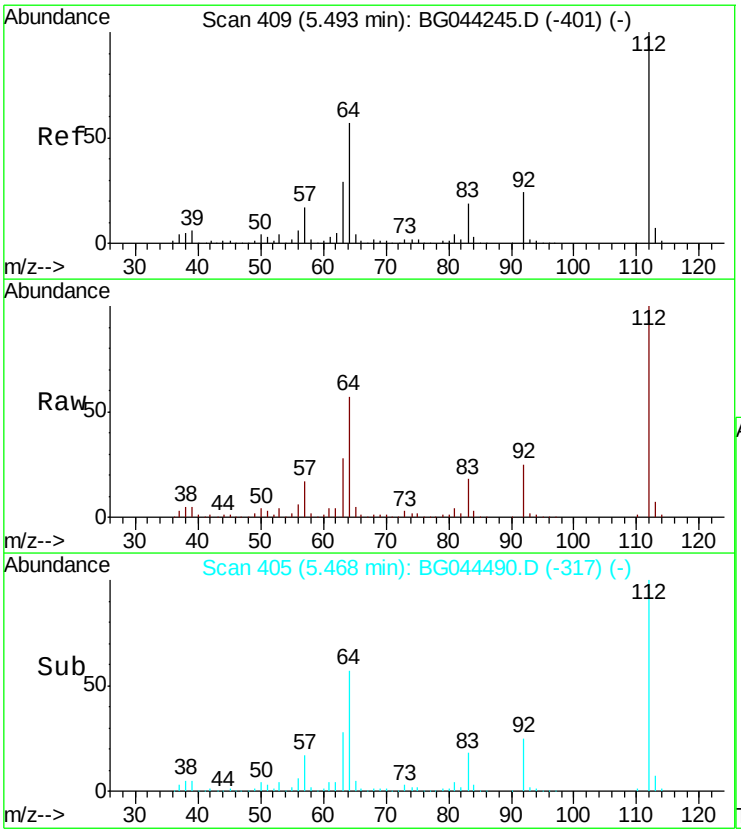
#4
n-Nitrosodimethylamine
Concen: 4.890 ng
RT: 3.68 min Scan# 100
Delta R.T. 0.00 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Tgt Ion: 42 Resp: 149

Ion	Ratio	Lower	Upper
42	100		
74	0.0	115.1	172.7#
44	213.1	5.6	8.4#

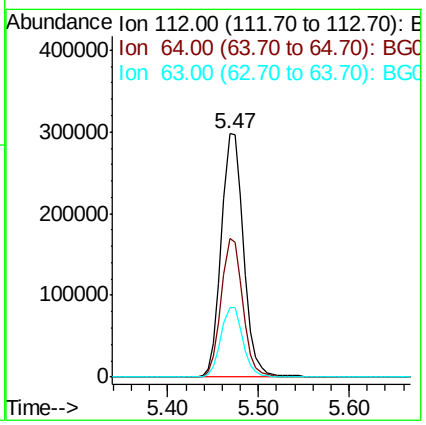


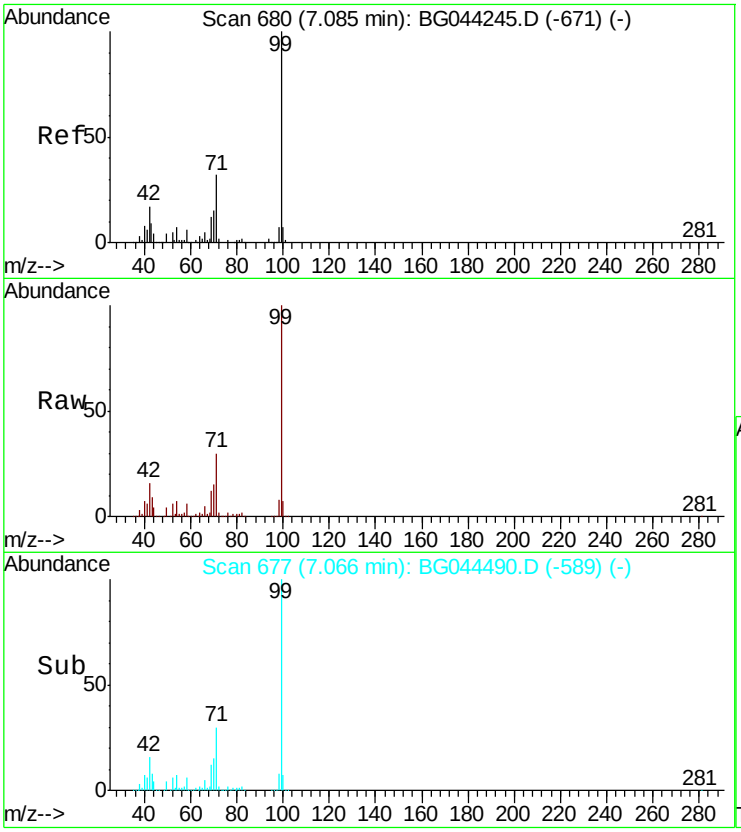


#5
2-Fluorophenol
Concen: 8346.161 ng
RT: 5.47 min Scan# 405
Delta R.T. -0.01 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion:112 Resp: 508381

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.4	68.2
63	28.4	22.9	34.3



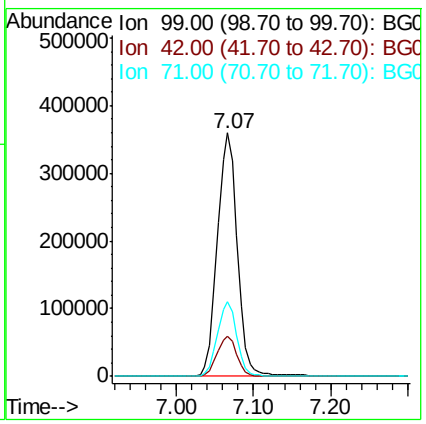


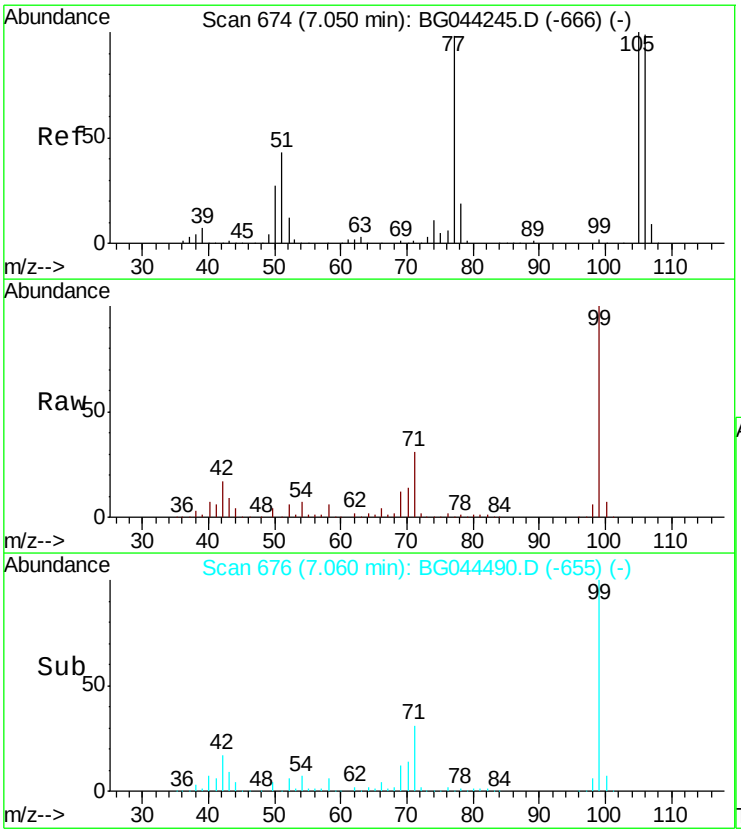
#7
Phenol-d6
Concen: 7887.049 ng
RT: 7.07 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Tgt Ion: 99 Resp: 645126

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.6
71	30.4	25.5	38.3

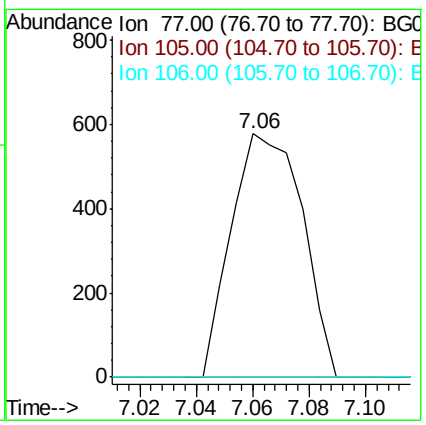


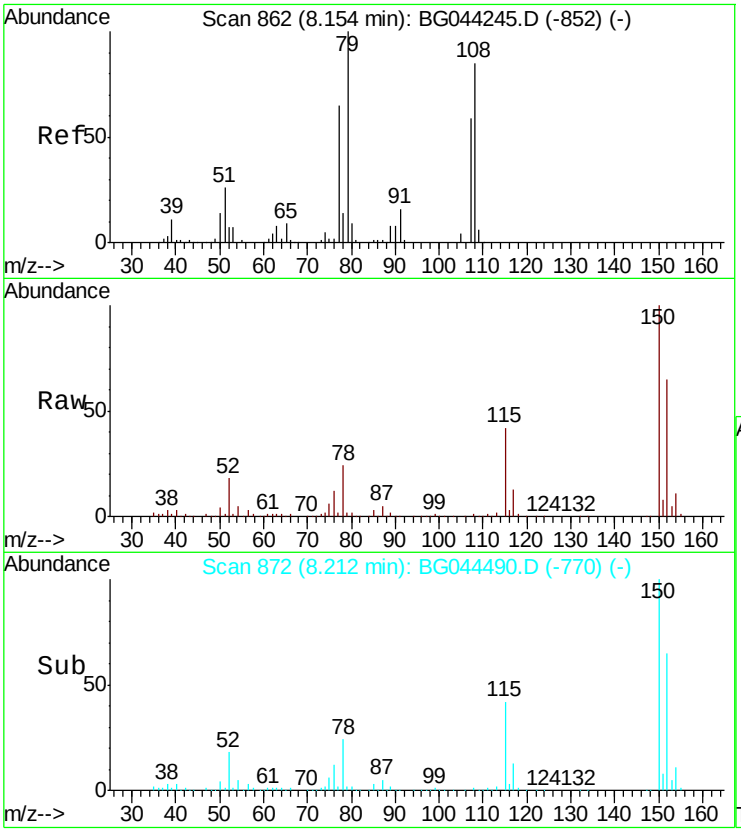


#9
Benzaldehyde
Concen: 21.616 ng
RT: 7.06 min Scan# 676
Delta R.T. 0.02 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion: 77 Resp: 1007

Ion	Ratio	Lower	Upper
77	100		
105	0.0	82.0	122.0#
106	0.0	80.7	120.7#



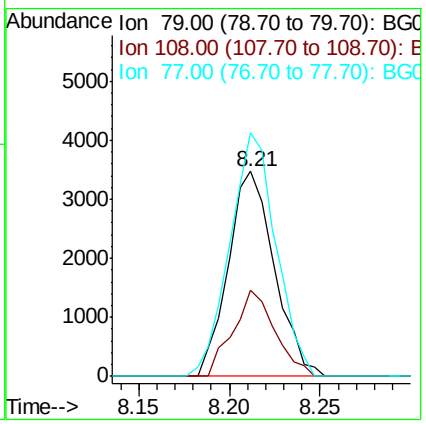


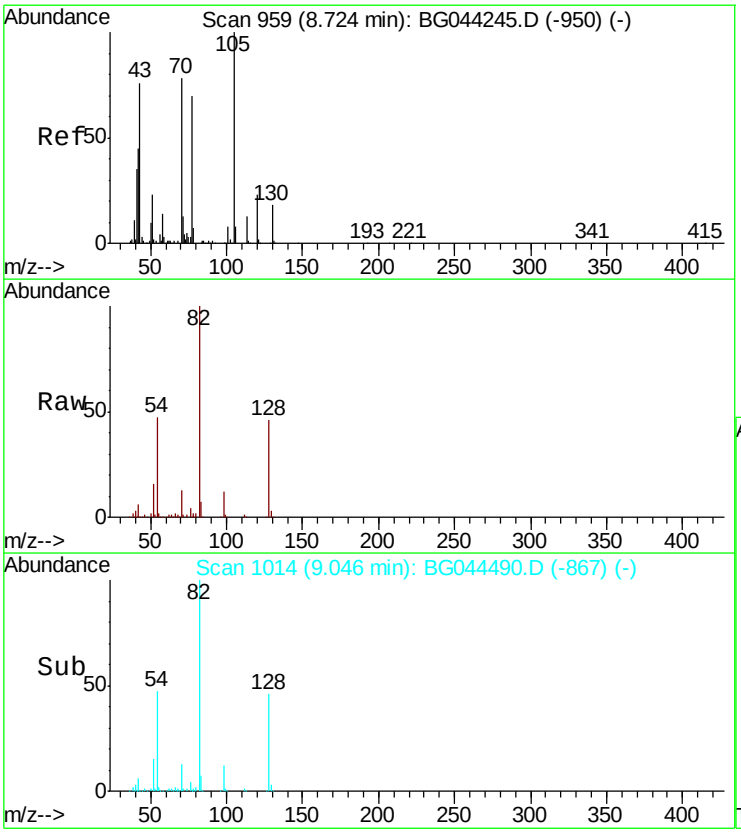
#15
Benzyl Alcohol
Concen: 106.114 ng
RT: 8.21 min Scan# 872
Delta R.T. 0.07 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Tgt Ion: 79 Resp: 6145

Ion	Ratio	Lower	Upper
79	100		
108	41.8	68.3	102.5#
77	118.7	51.8	77.8#

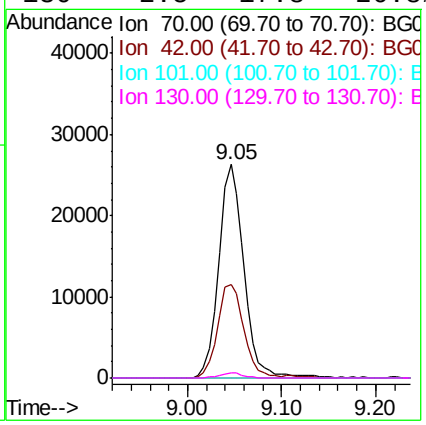


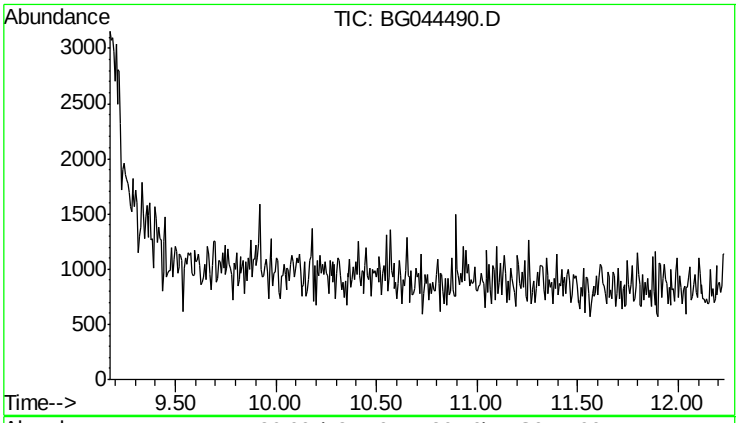


#19
n-Nitroso-di-n-propylamine
Concen: 897.548 ng
RT: 9.05 min Scan# 1014
Delta R.T. 0.34 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion: 70 Resp: 48928

Ion	Ratio	Lower	Upper
70	100		
42	43.7	46.2	69.2#
101	0.0	8.4	12.6#
130	2.5	17.8	26.8#





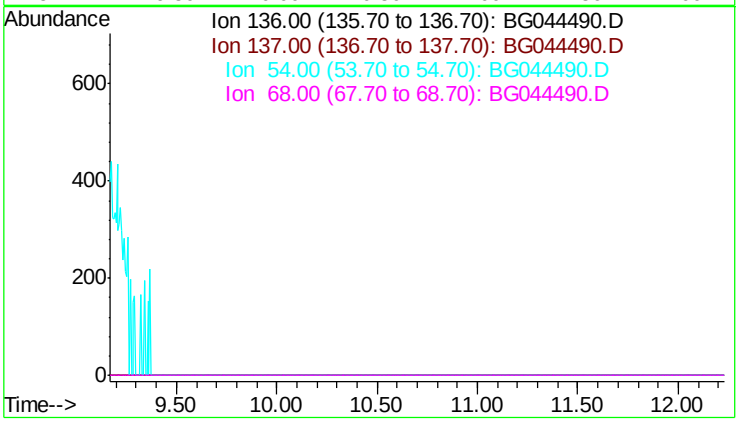
#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.70 min

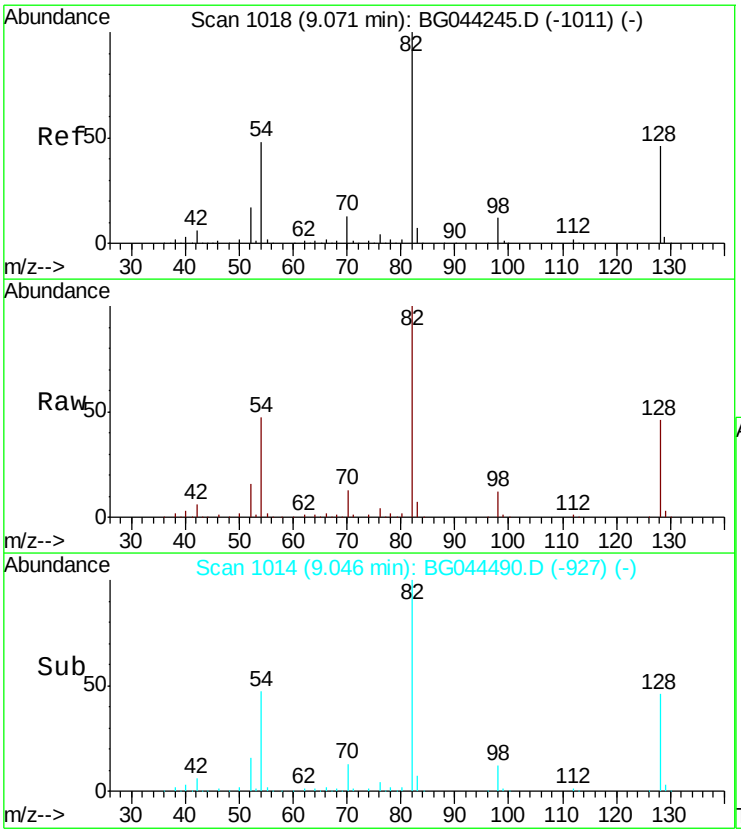
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.0
54	7.3
68	5.7

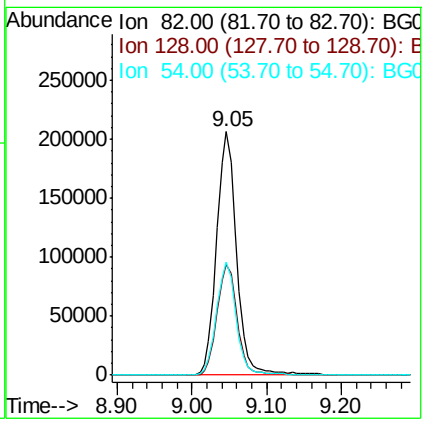


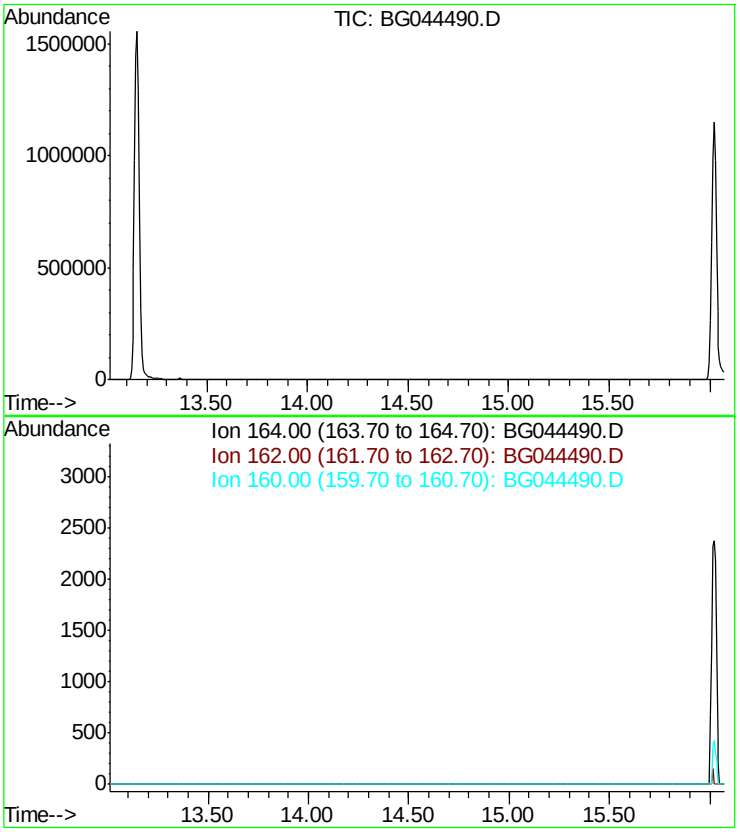


#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion: 82 Resp: 384325

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.5	54.7
54	46.7	38.6	58.0





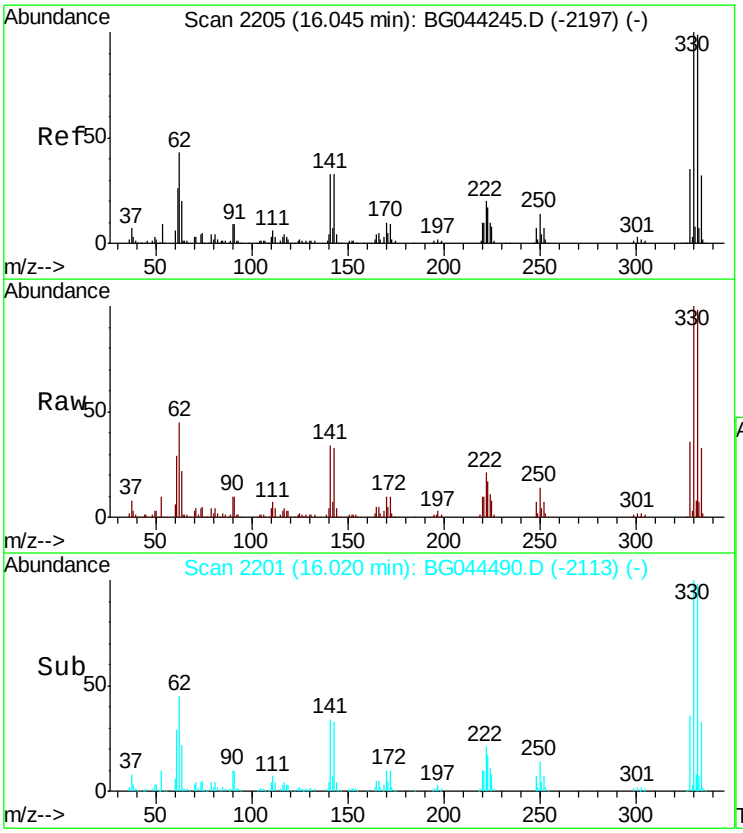
#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.54 min

Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	100.9
160	44.1

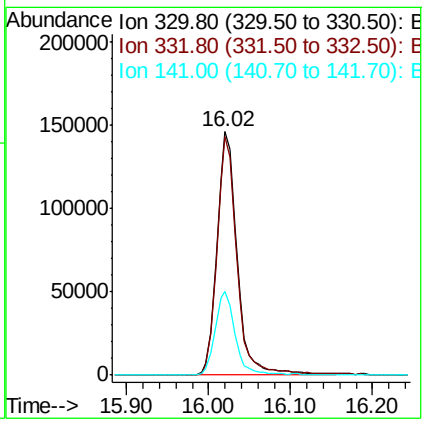
Instrument :
BNA_G
ClientSampleId :
PB126885BL

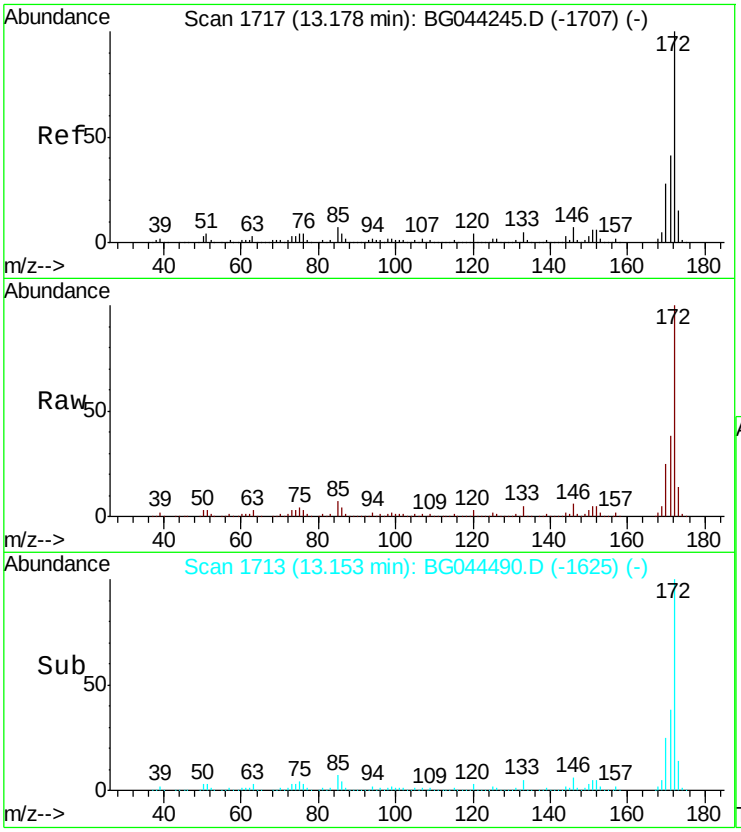


#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion:330 Resp: 252272

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.2	115.8
141	34.0	28.3	42.5



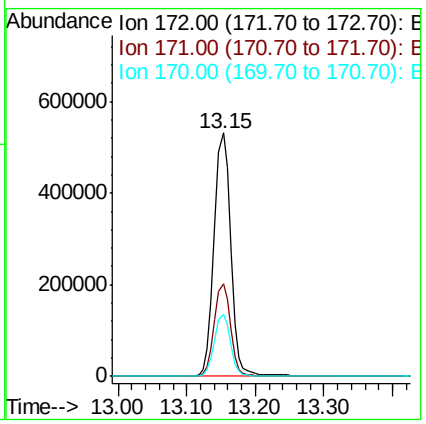


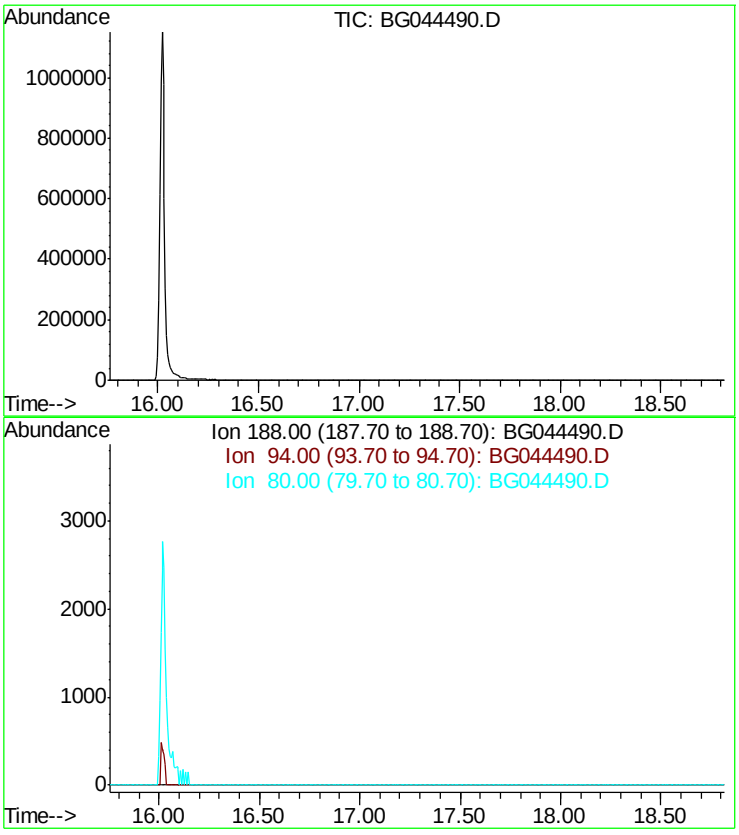
#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Tgt Ion:172 Resp: 900613

Ion	Ratio	Lower	Upper
172	100		
171	37.9	32.9	49.3
170	25.4	22.0	33.0



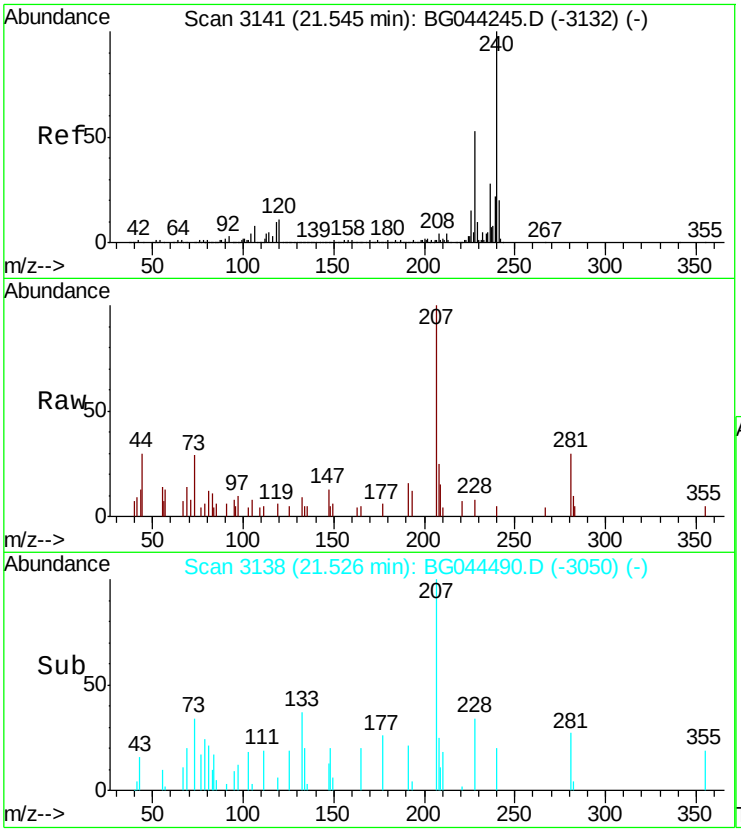


#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 17.29 min

Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	9.3
80	9.6

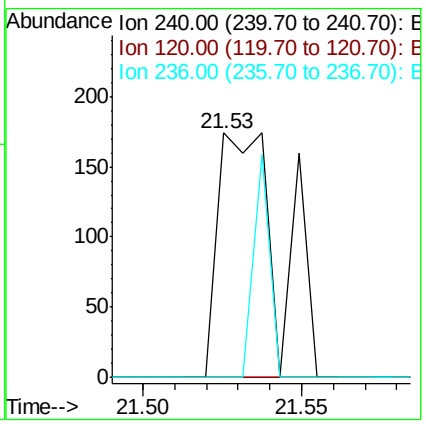


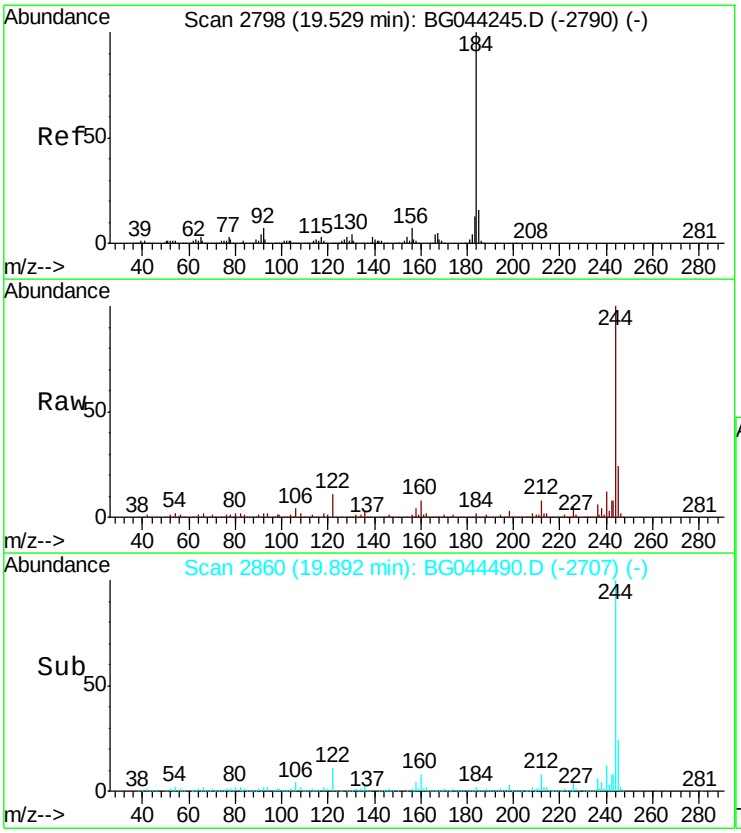
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Tgt Ion:240 Resp: 235

Ion	Ratio	Lower	Upper
240	100		
120	0.0	8.4	12.6#
236	0.0	22.1	33.1#

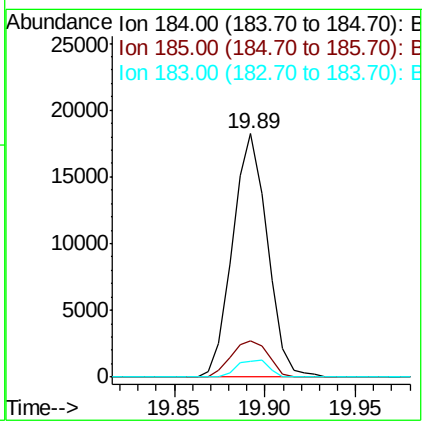


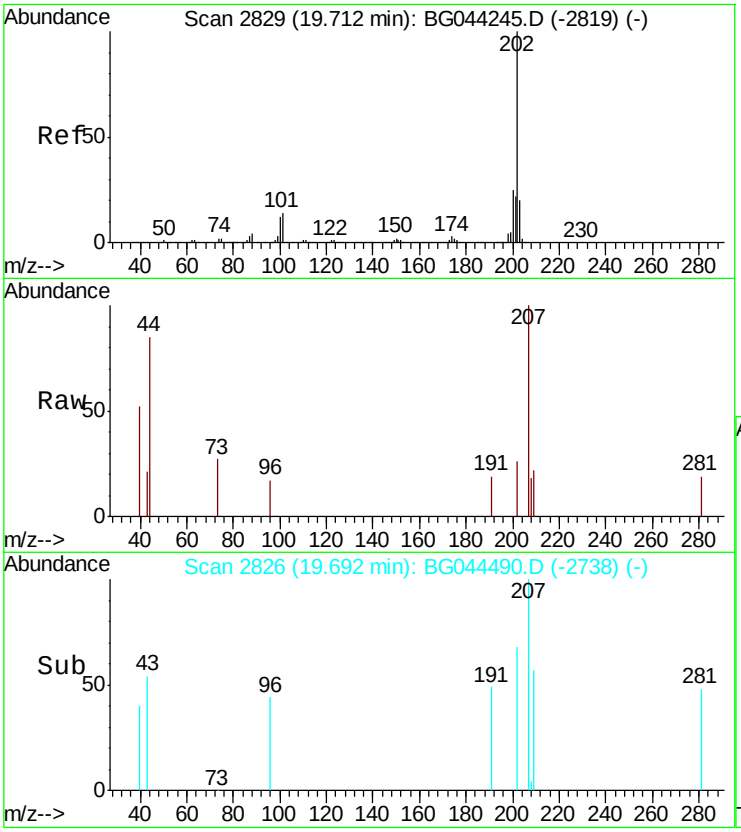


#77
Benzidine
Concen: 3722.118 ng
RT: 19.89 min Scan# 2860
Delta R.T. 0.37 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion:184 Resp: 24262

Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.9	19.3
183	6.6	10.8	16.2#



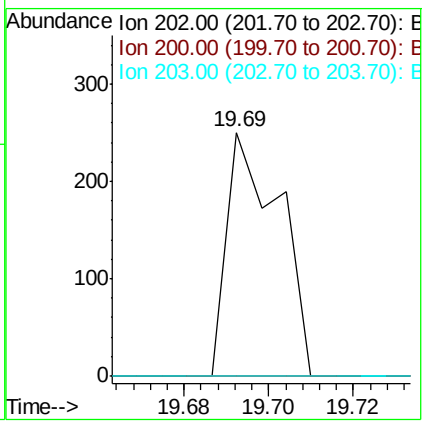


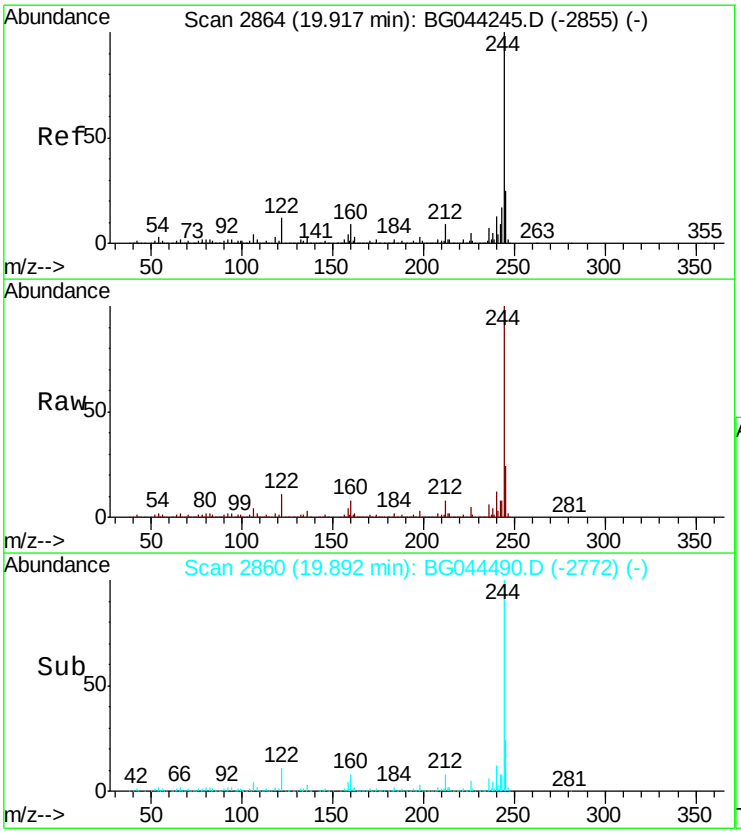
#78
Pyrene
Concen: 14.312 ng
RT: 19.69 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Tgt Ion:202 Resp: 216

Ion	Ratio	Lower	Upper
202	100		
200	0.0	20.0	30.0#
203	0.0	16.2	24.2#

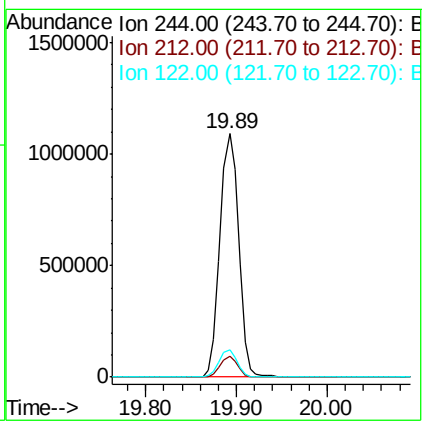


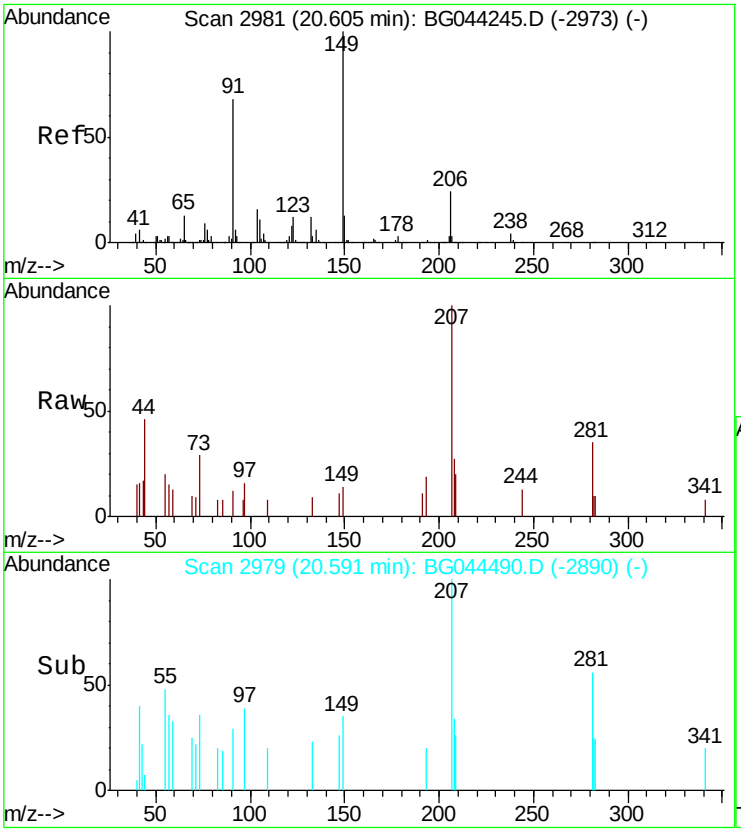


#79
Terphenyl-d14
Concen: 137154.513 ng
RT: 19.89 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion:244 Resp: 1567007

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.4	11.2
122	11.3	9.8	14.6



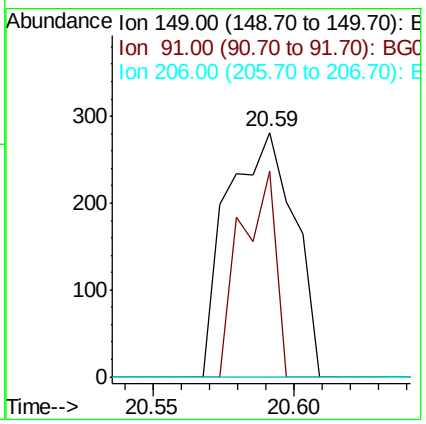


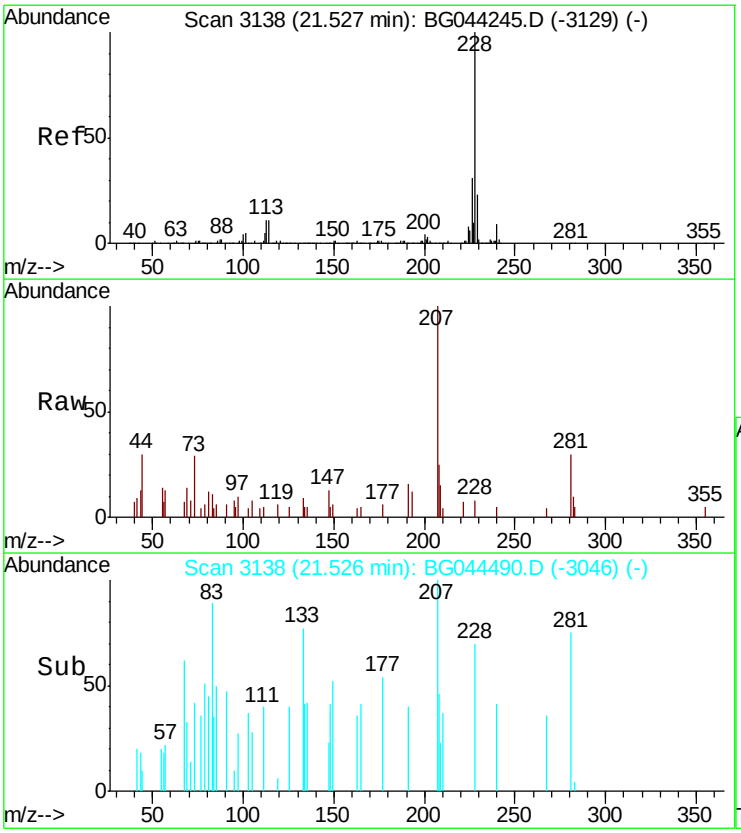
#80
Butylbenzylphthalate
Concen: 67.176 ng
RT: 20.59 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Tgt Ion:149 Resp: 462

Ion	Ratio	Lower	Upper
149	100		
91	84.3	54.5	81.7#
206	0.0	19.1	28.7#

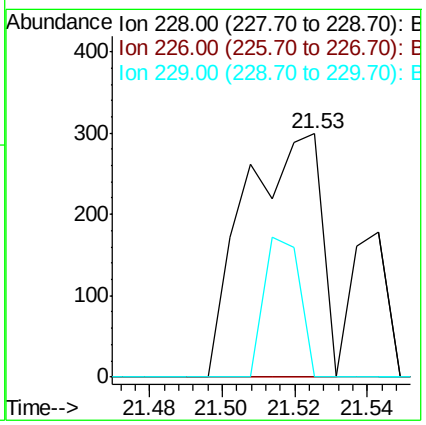


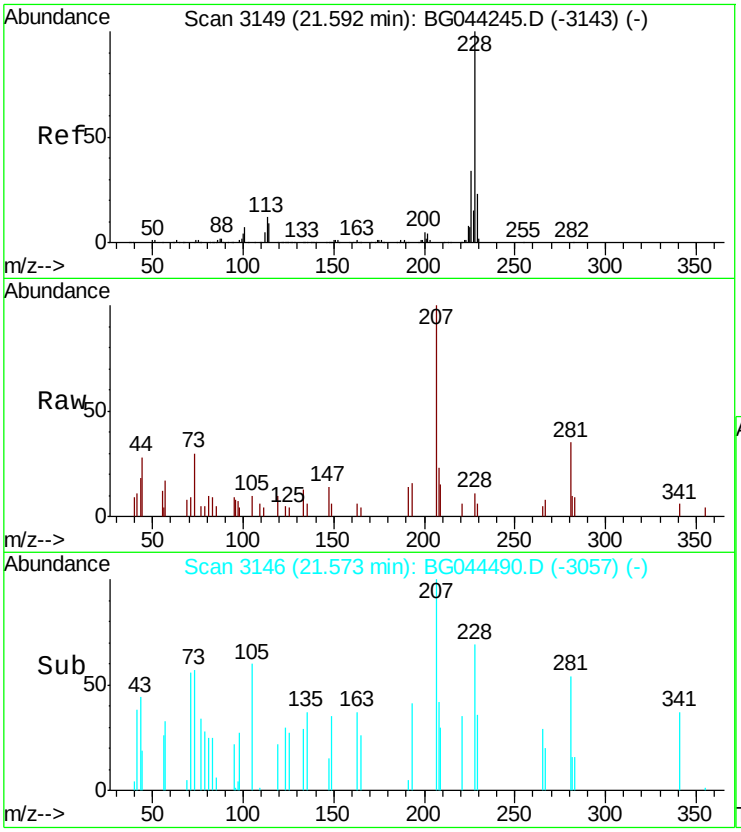


#81
Benzo(a)anthracene
Concen: 30.173 ng
RT: 21.53 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion:228 Resp: 437

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.7	37.1#
229	0.0	18.2	27.4#



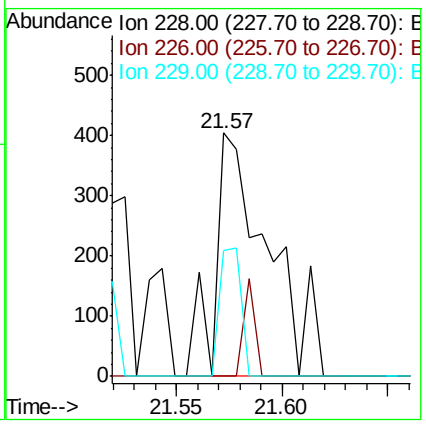


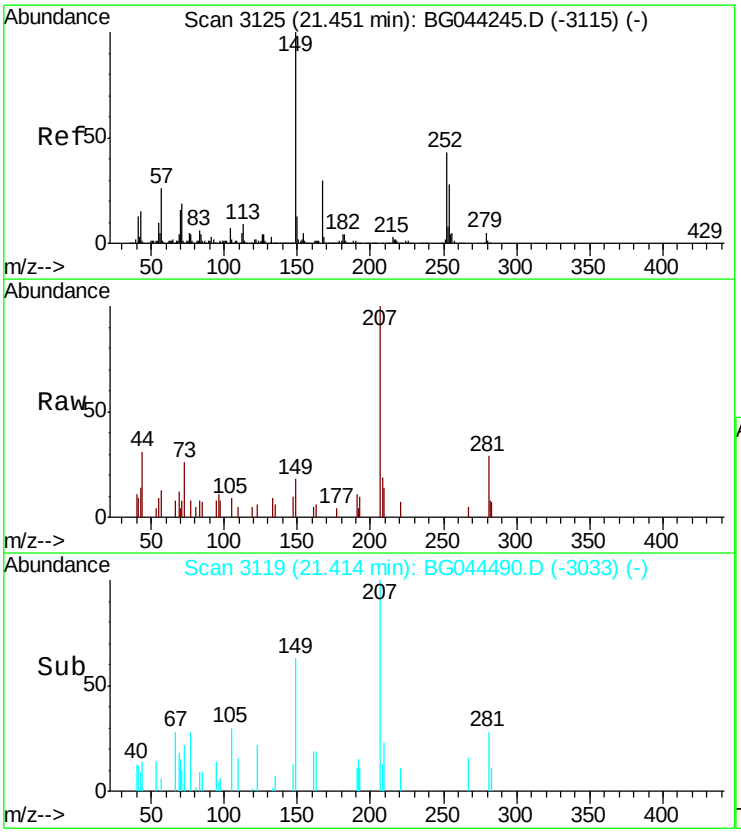
#83
Chrysene
Concen: 50.645 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Tgt Ion:228 Resp: 709

Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.1	40.7#
229	51.7	17.9	26.9#

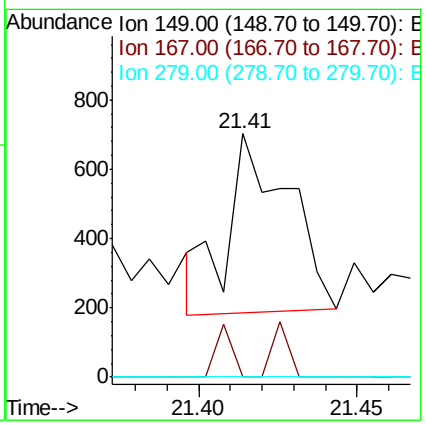


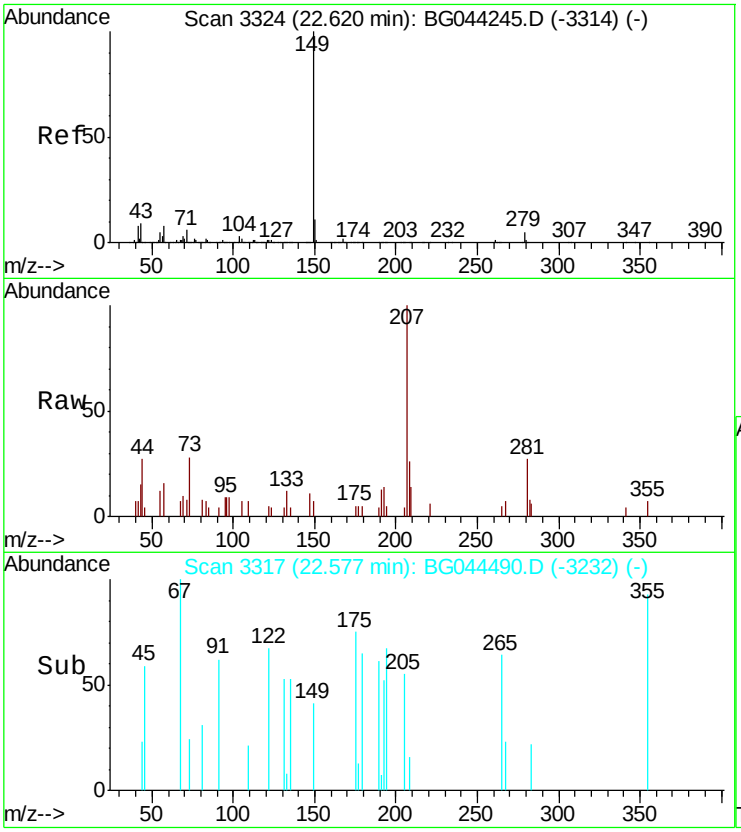


#84
Bis(2-ethylhexyl)phthalate
Concen: 72.996 ng
RT: 21.41 min Scan# 3119
Delta R.T. -0.02 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion:149 Resp: 691

Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.0	36.0#
279	0.0	3.8	5.8#



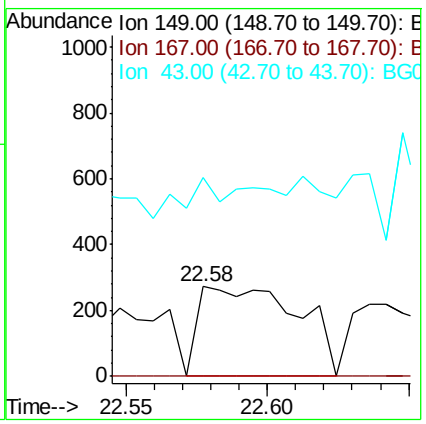


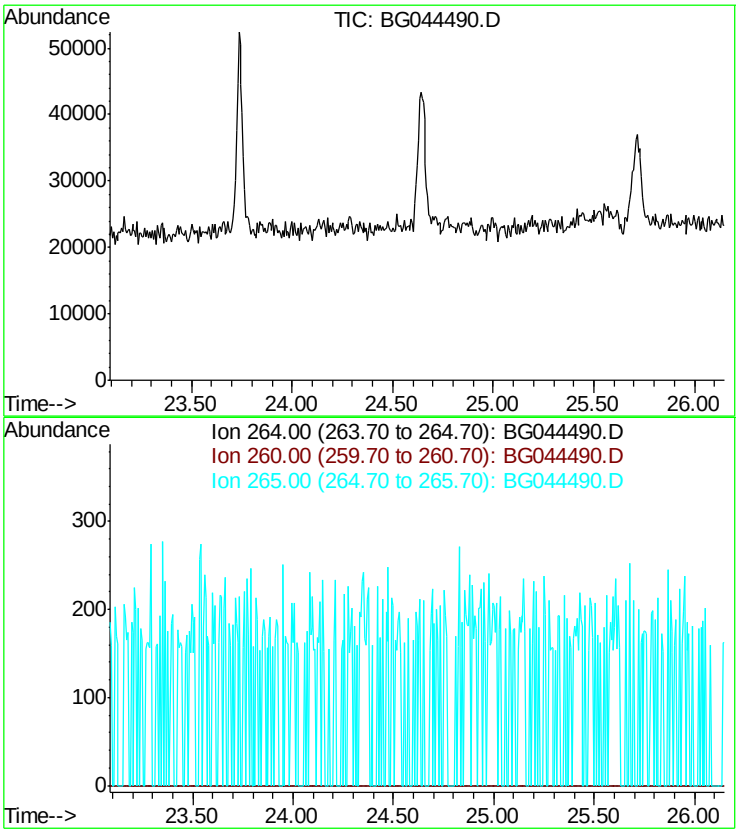
#85
Di-n-octyl phthalate
Concen: 40.479 ng
RT: 22.58 min Scan# 3317
Delta R.T. -0.03 min
Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Instrument :
BNA_G
ClientSampleId :
PB126885BL

Tgt Ion:149 Resp: 663

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	7.4	11.0#





#87
Perylene-d12
Concen: 0.000 ng
Expected RT: 24.62 min

Lab File: BG044490.D
Acq: 19 Feb 2020 14:49

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.3
265	20.9