Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044296.D
Acq On : 5 Feb 2020 1:11
Operator : CG/JU
Sample : L1377-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Feb 05 04:40:46 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	1742	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.72
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.55
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.30
76) Chrysene-d12	21.55	240	73	20.00	ng	0.00
87) Perylene-d12	0.00	264	0	0.00	ng	-24.64
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	337921	3423.52	ng	0.00
7) Phenol-d6	7.08	99	277669	2094.87	ng	0.00
23) Nitrobenzene-d5	9.07	82	570479	0.00	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	274175	0.00	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1281314	0.00	ng	0.00
79) Terphenyl-d14	19.92	244	2055753	579235.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	315	7.103	ng	# 63
4) n-Nitrosodimethylamine	3.72	42	184	3.727	ng	# 1
9) Benzaldehyde	7.08	77	537	7.114	ng	# 1
10) Phenol	7.11	94	10010	76.309	ng	85
15) Benzyl Alcohol	8.24	79	9366	99.808	ng	# 49
19) n-Nitroso-di-n-propylamine	9.07	70	75171	850.964	ng	# 77
77) Benzidine	19.92	184	36516	18033.986	ng	# 91
78) Pyrene	19.71	202	3320	708.178	ng	# 92
80) Butylbenzylphthalate	20.60	149	604	282.717	ng	# 83
81) Benzo(a)anthracene	21.53	228	1146	254.720	ng	# 46
82) 3,3'-Dichlorobenzidine	21.47	252	54	30.926	ng	# 25
83) Chrysene	21.59	228	607	139.580	ng	# 68
84) Bis(2-ethylhexyl)phthalate	21.45	149	23363	7945.002	ng	98
85) Di-n-octyl phthalate	22.62	149	374	73.508	ng	# 58
86) Indeno(1,2,3-cd)pyrene	28.14	276	69	12.162	ng	# 50

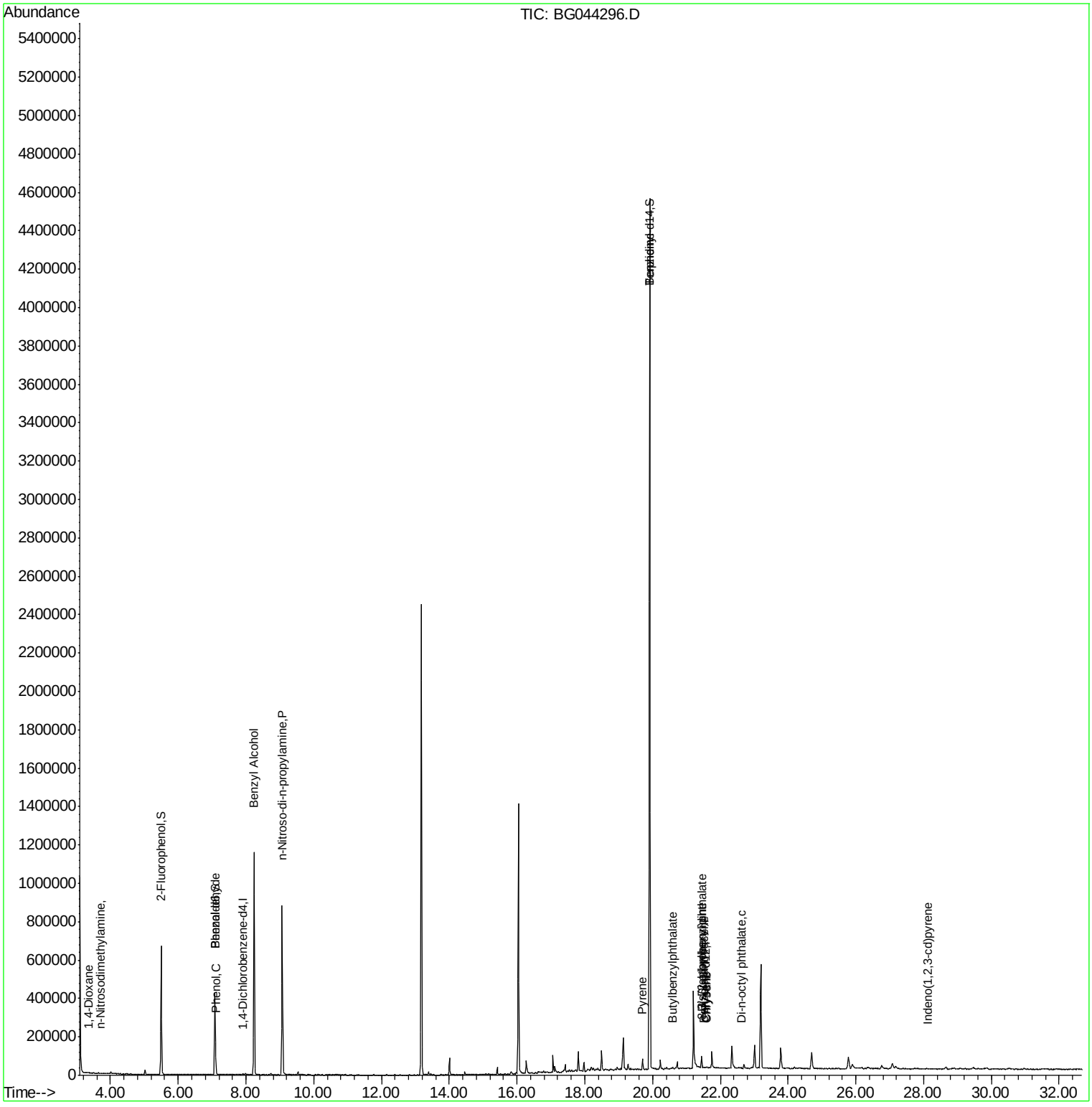
(#) = qualifier out of range (m) = manual integration (+) = signals summed

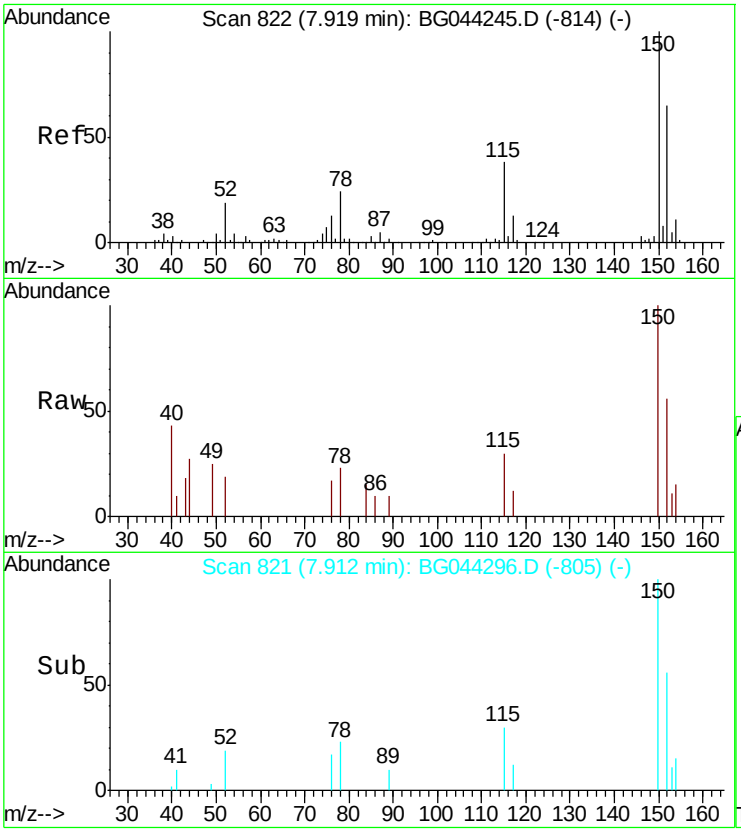
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020420\
Data File : BG044296.D
Acq On : 5 Feb 2020 1:11
Operator : CG/JU
Sample : L1377-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Feb 05 04:40:46 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



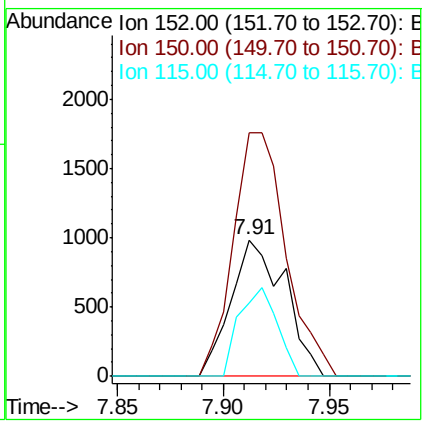


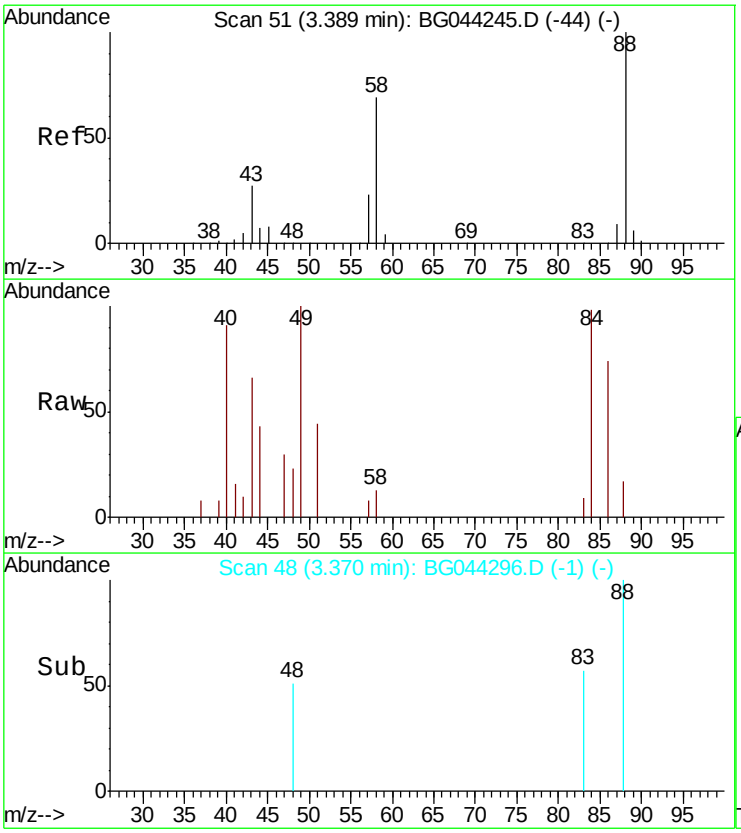
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 1742

Ion	Ratio	Lower	Upper
152	100		
150	178.7	122.6	183.8
115	53.6	46.0	69.0

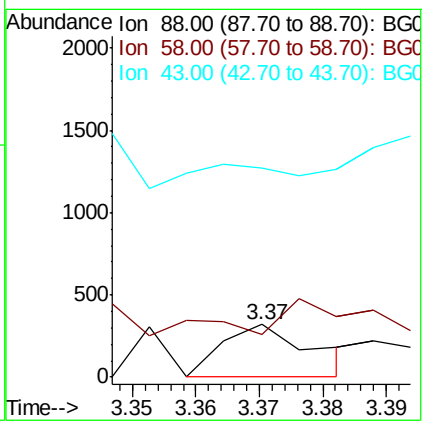


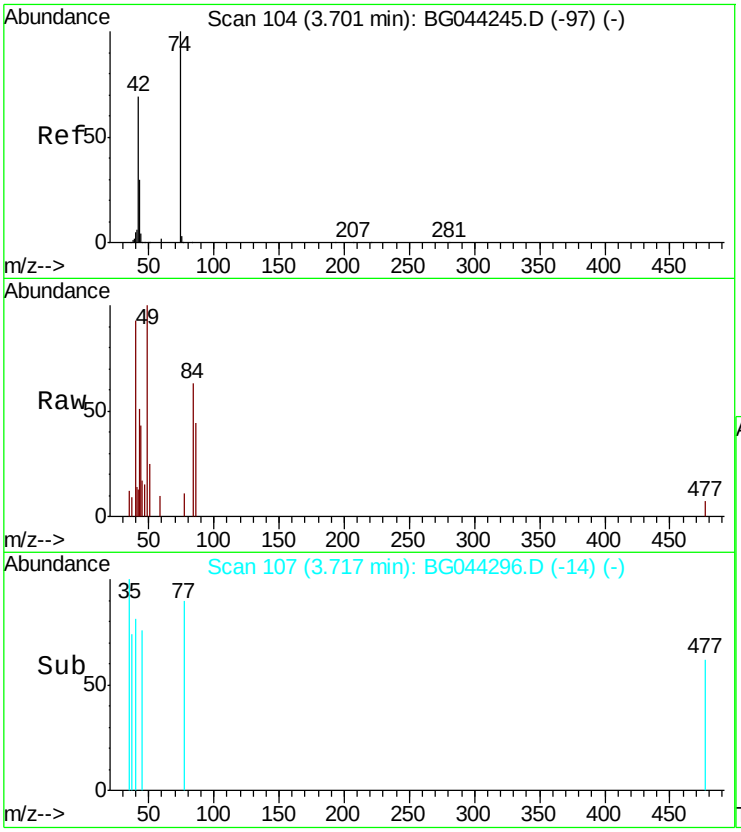


#2
1,4-Dioxane
Concen: 7.103 ng
RT: 3.37 min Scan# 48
Delta R.T. -0.02 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion: 88 Resp: 315

Ion	Ratio	Lower	Upper
88	100		
58	44.4	55.8	83.6#
43	0.0	21.6	32.4#



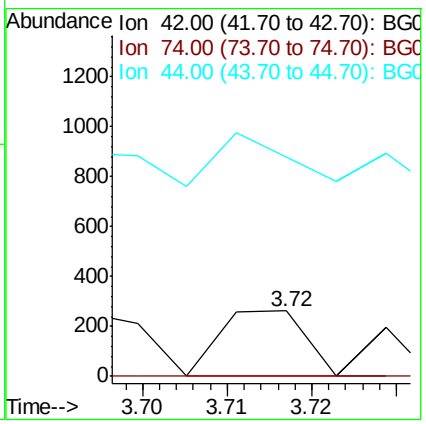


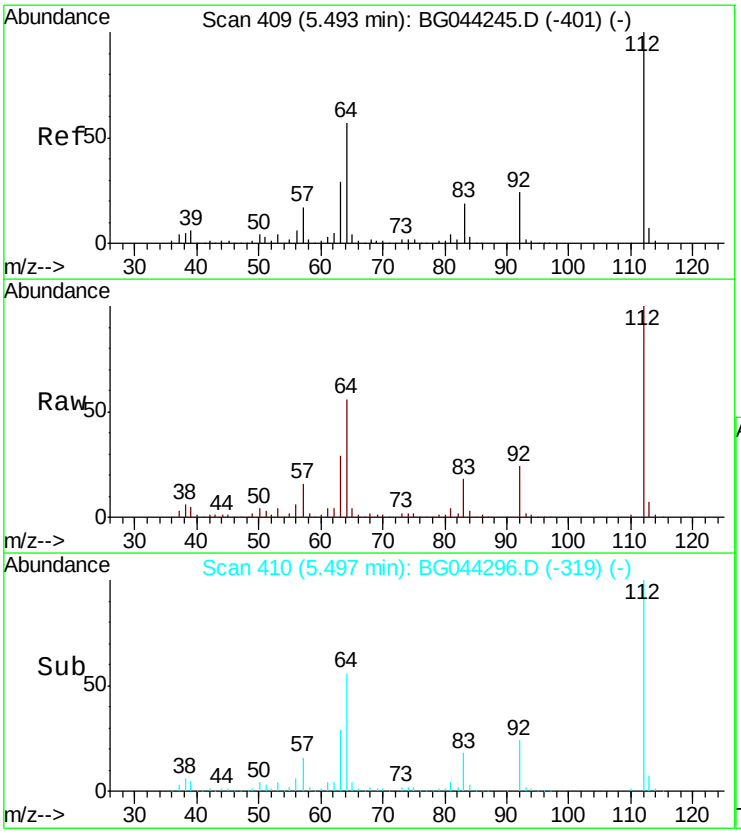
#4
n-Nitrosodimethylamine
Concen: 3.727 ng
RT: 3.72 min Scan# 107
Delta R.T. 0.02 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 184

Ion	Ratio	Lower	Upper
42	100		
74	0.0	115.1	172.7#
44	333.8	5.6	8.4#

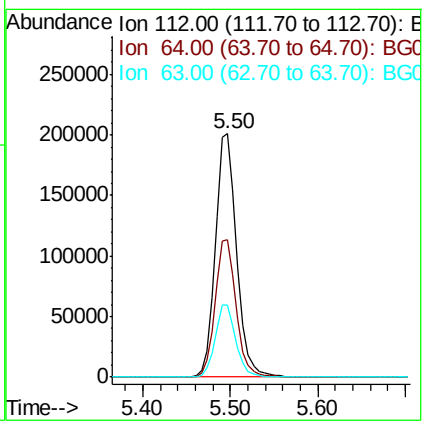


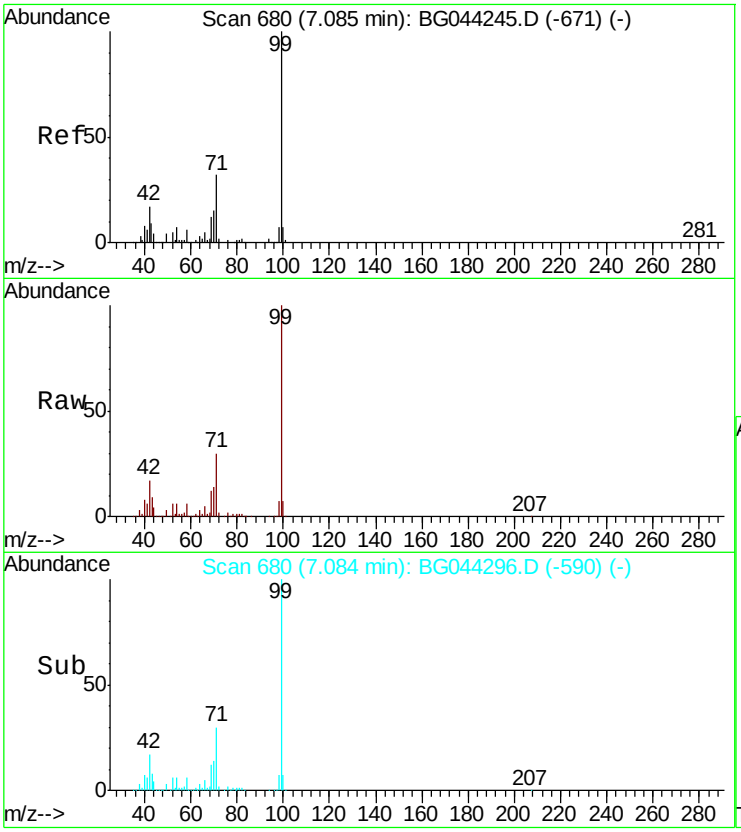


#5
2-Fluorophenol
Concen: 3423.521 ng
RT: 5.50 min Scan# 410
Delta R.T. 0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion:112 Resp: 337921

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.4	68.2
63	29.4	22.9	34.3



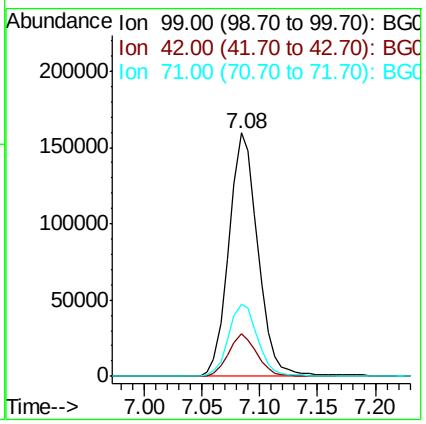


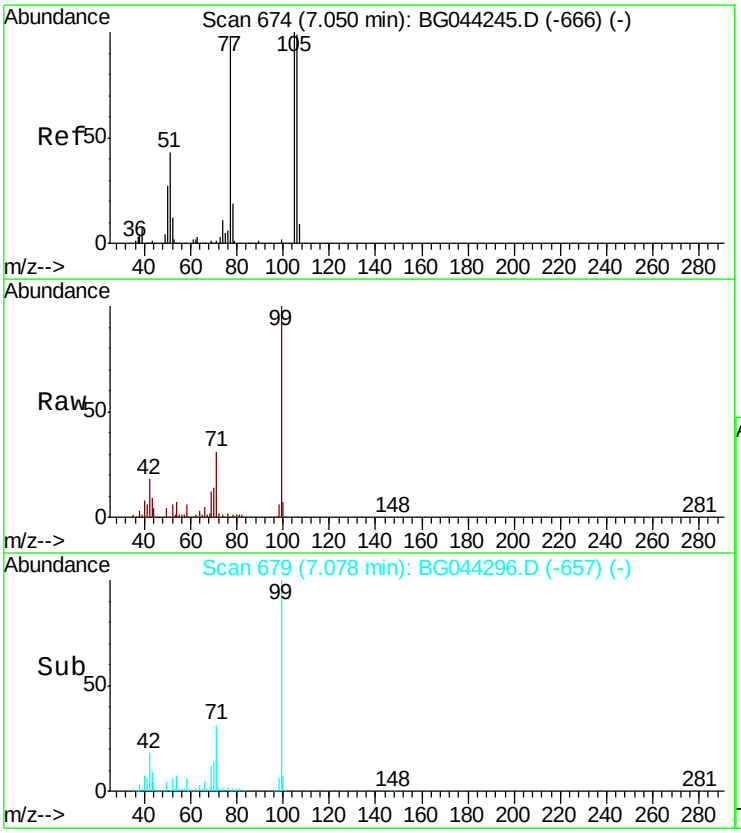
#7
Phenol-d6
Concen: 2094.873 ng
RT: 7.08 min Scan# 680
Delta R.T. -0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 277669

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.6
71	29.6	25.5	38.3

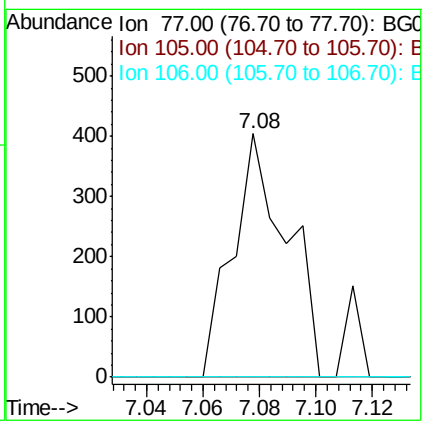


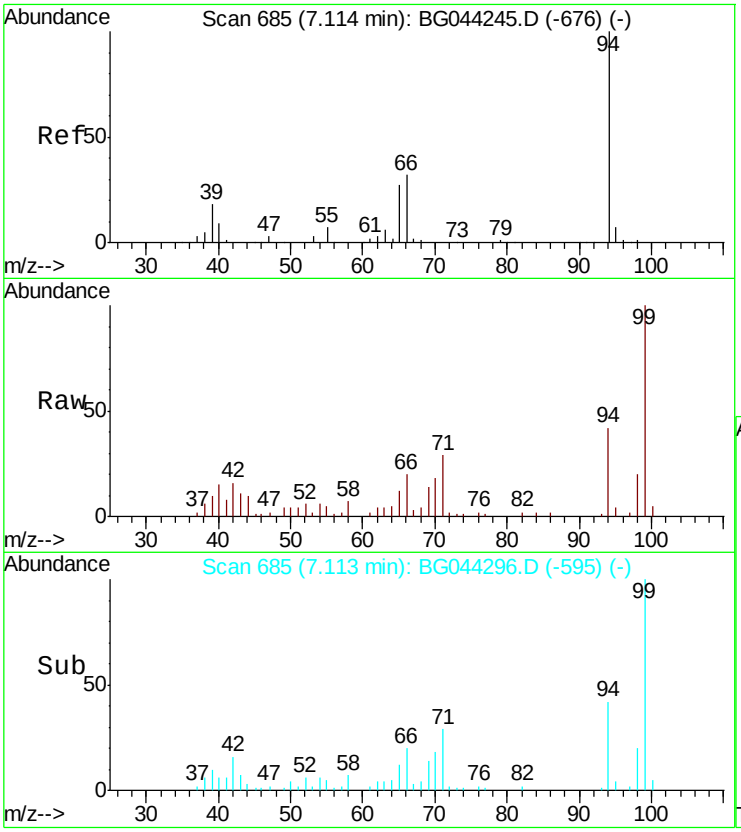


#9
Benzaldehyde
Concen: 7.114 ng
RT: 7.08 min Scan# 679
Delta R.T. 0.03 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion: 77 Resp: 537

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



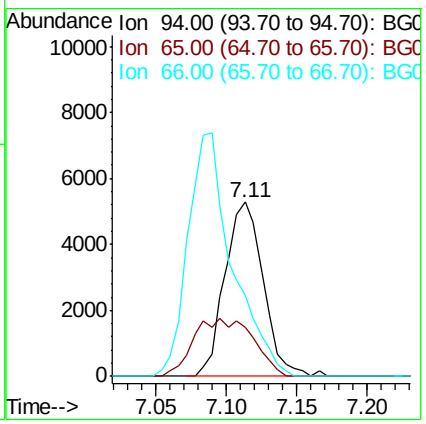


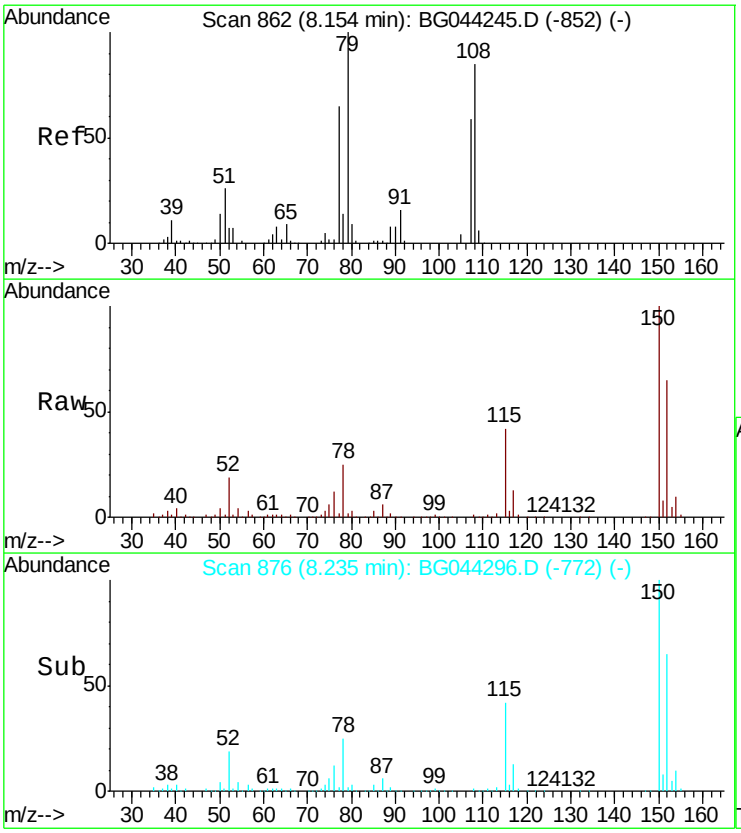
#10
Phenol
Concen: 76.309 ng
RT: 7.11 min Scan# 685
Delta R.T. -0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 10010

Ion	Ratio	Lower	Upper
94	100		
65	28.2	7.0	47.0
66	46.7	12.7	52.7

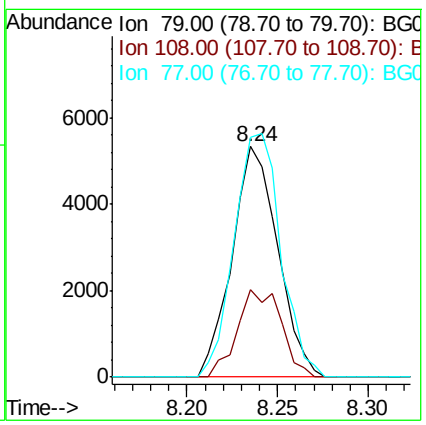


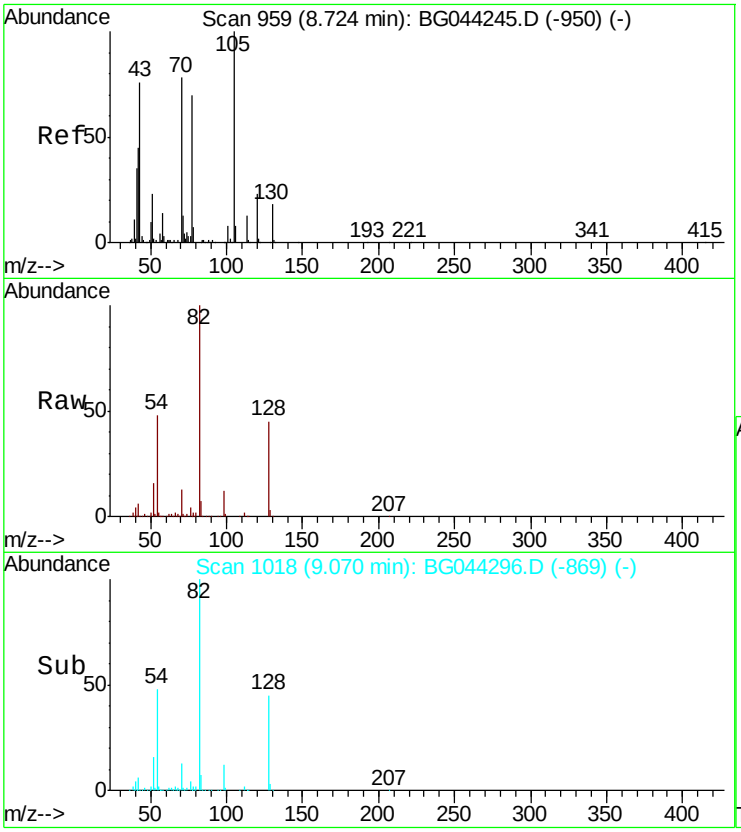


#15
Benzyl Alcohol
Concen: 99.808 ng
RT: 8.24 min Scan# 876
Delta R.T. 0.08 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion: 79 Resp: 9366

Ion	Ratio	Lower	Upper
79	100		
108	37.7	68.3	102.5#
77	104.0	51.8	77.8#



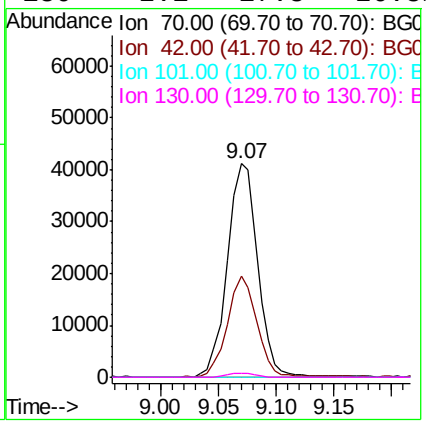


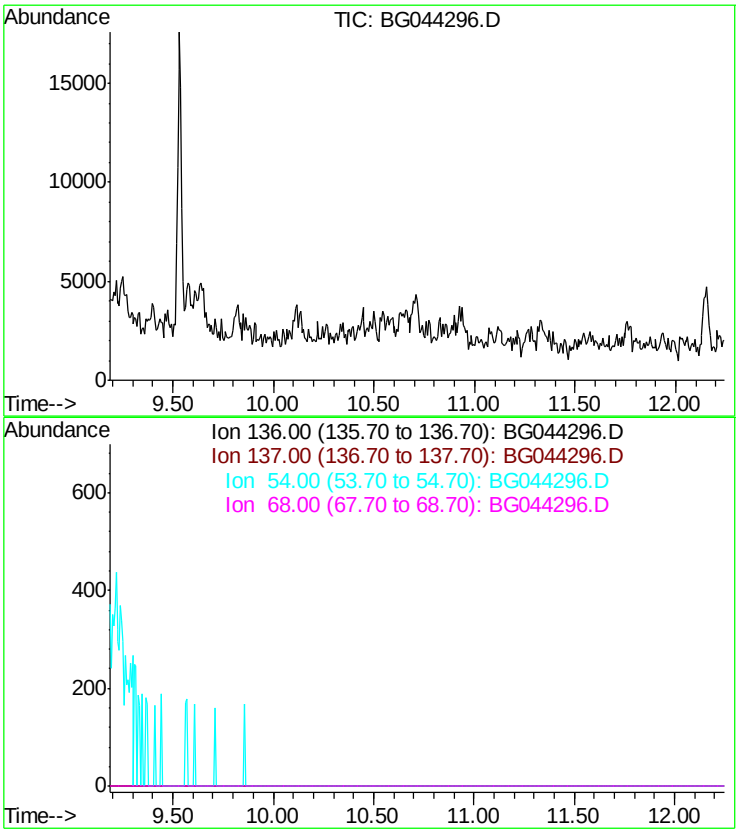
#19
n-Nitroso-di-n-propylamine
Concen: 850.964 ng
RT: 9.07 min Scan# 1018
Delta R.T. 0.35 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 75171

Ion	Ratio	Lower	Upper
70	100		
42	47.4	46.2	69.2
101	0.0	8.4	12.6#
130	2.1	17.8	26.8#



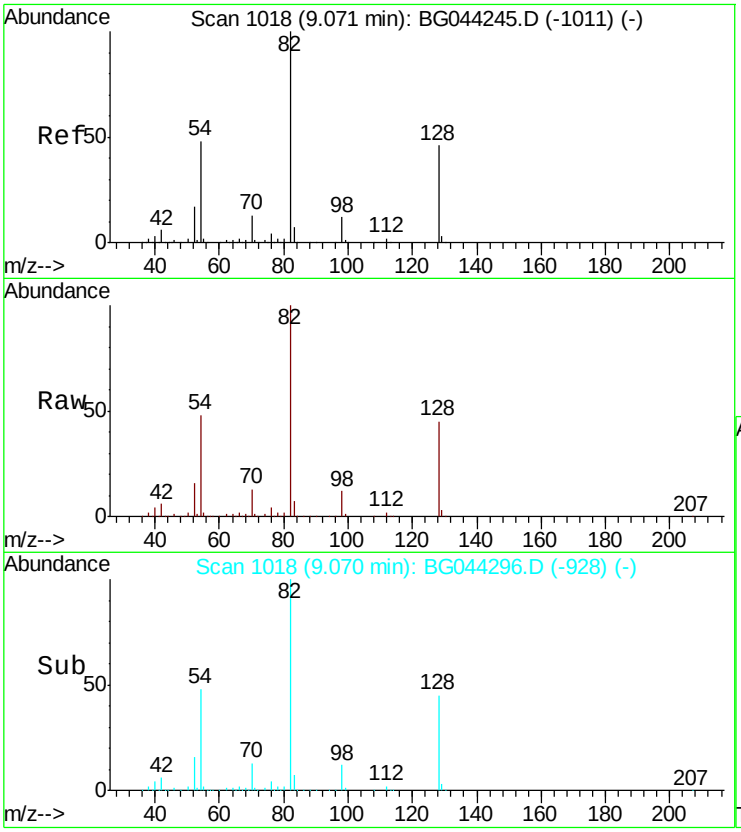


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.72 min

Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion: 136

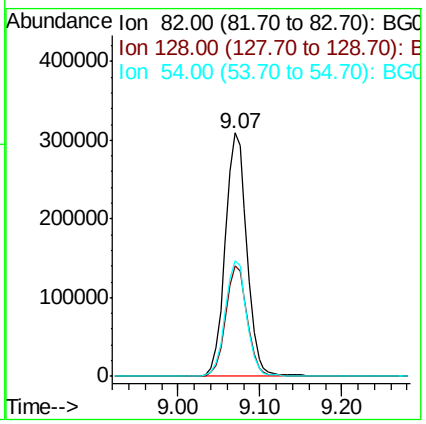
Sig	Exp Ratio
136	100
137	11.0
54	7.3
68	5.7



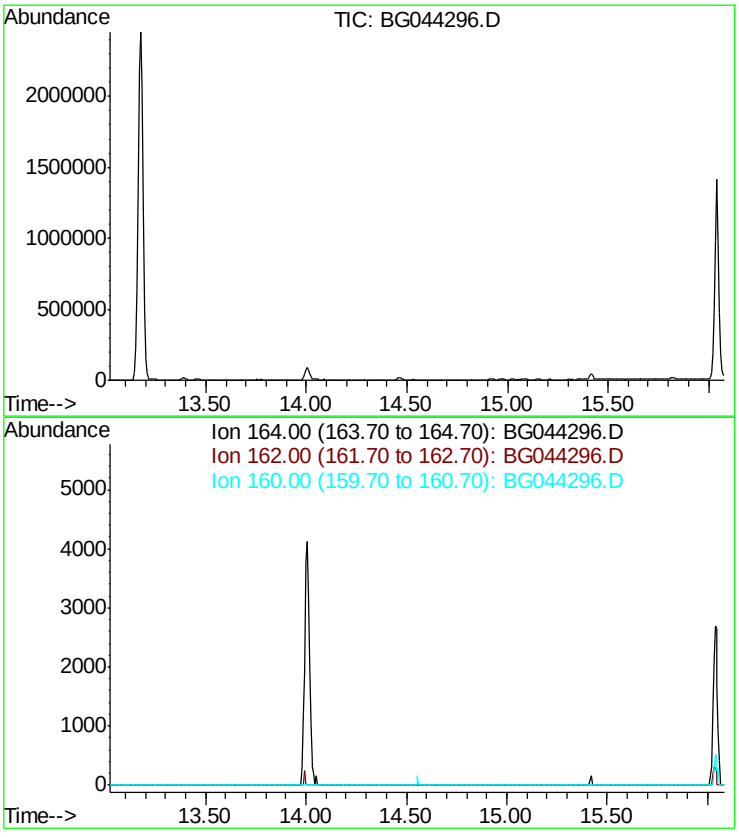
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion: 82 Resp: 570479

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.5	54.7
54	47.7	38.6	58.0



Instrument :
BNA_G
ClientSampleId :

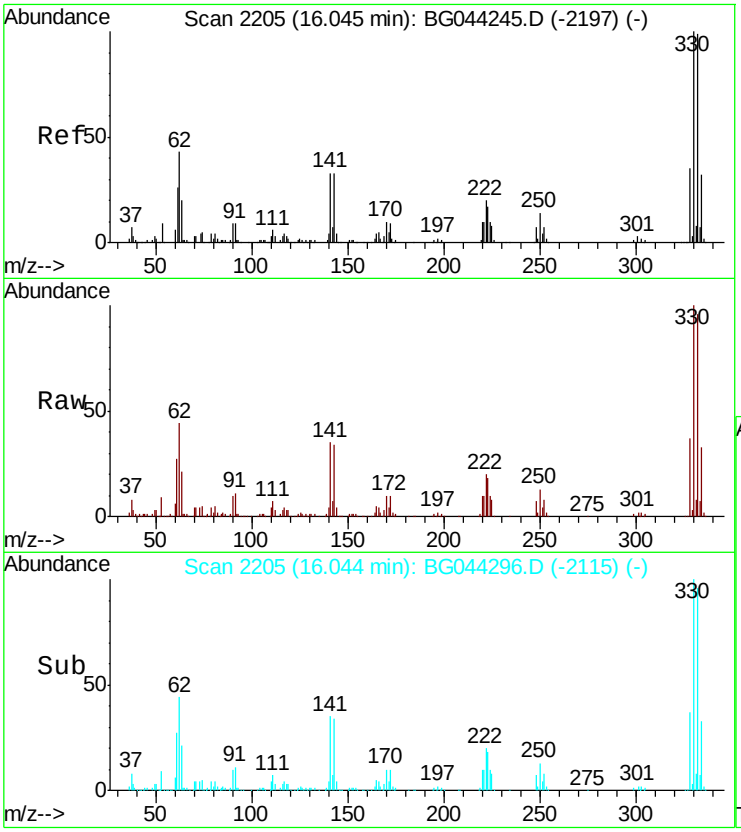


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.55 min

Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	100.9
160	44.1

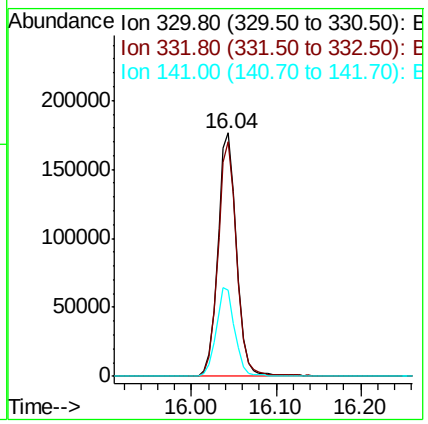


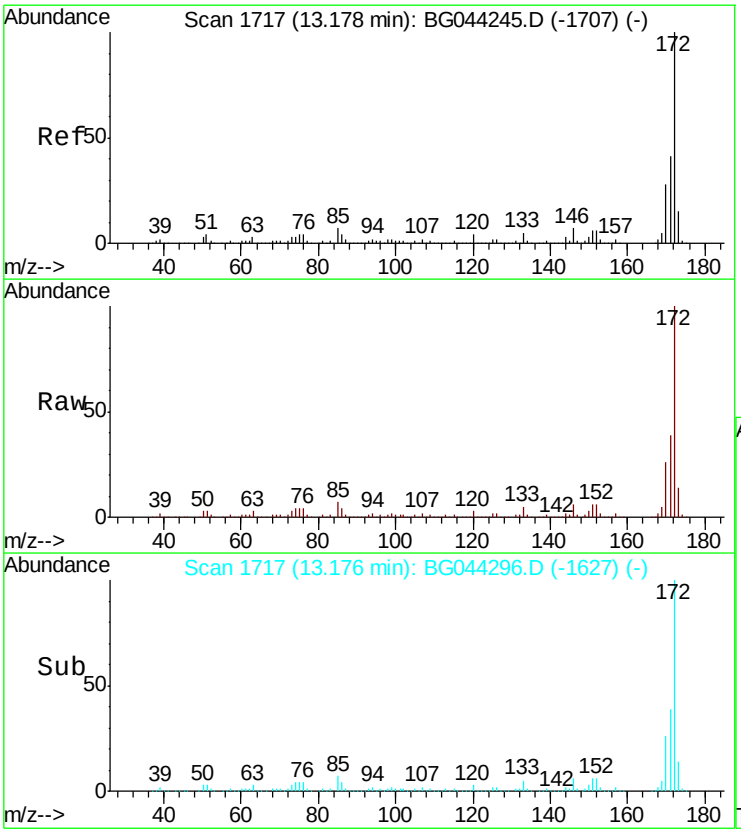
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 16.04 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 274175

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	36.8	28.3	42.5

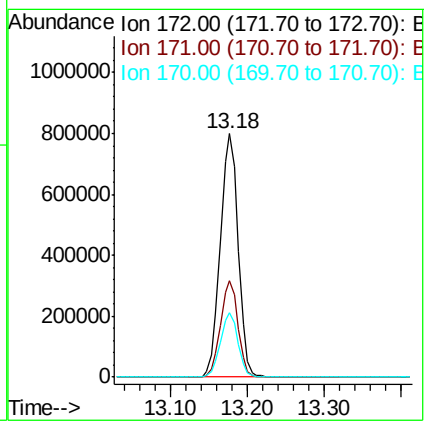


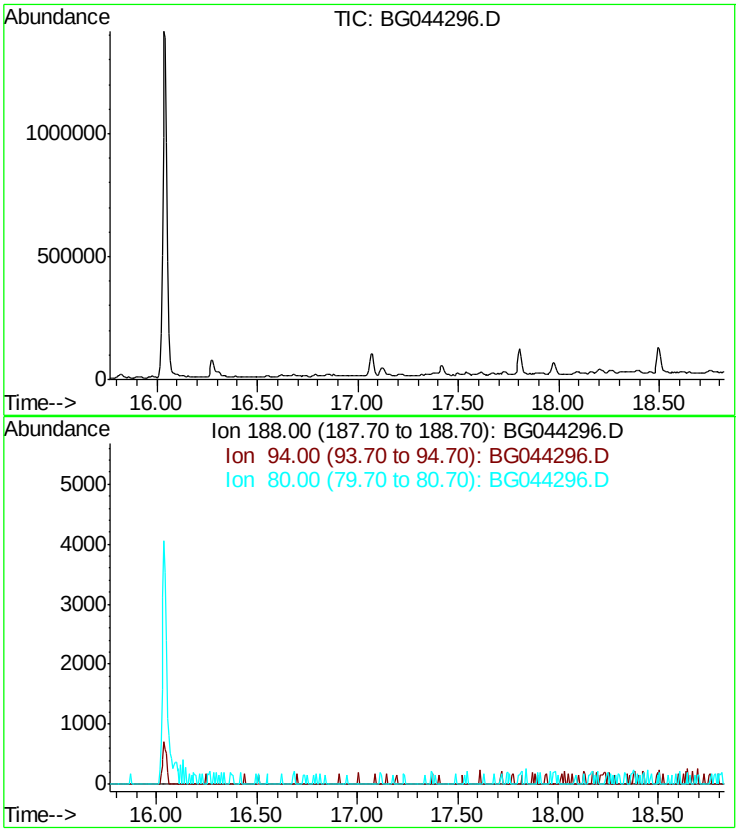


#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion:172 Resp: 1281314

Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.9	49.3
170	26.5	22.0	33.0





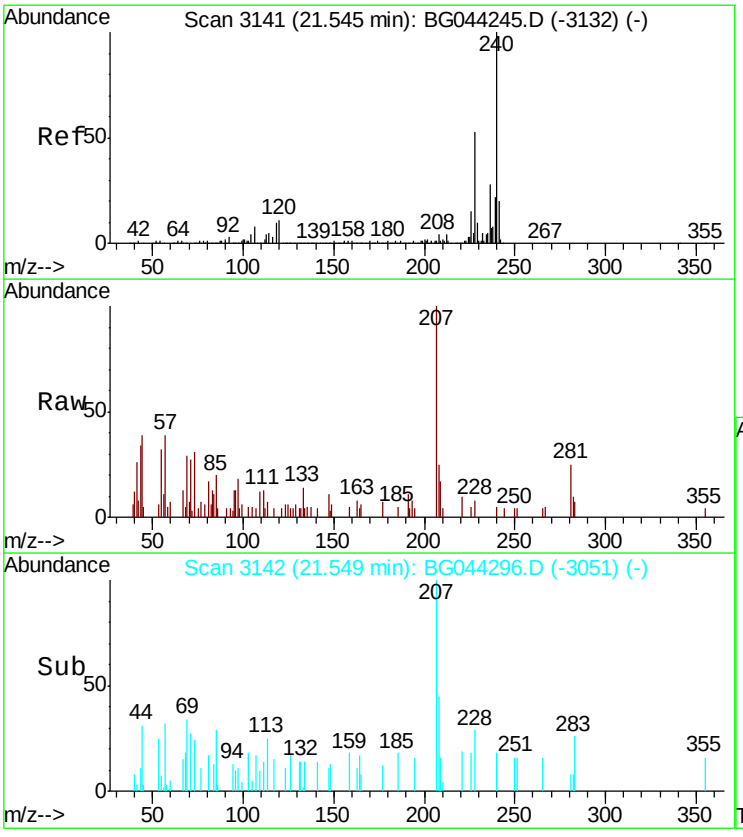
#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 17.30 min

Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	9.3
80	9.6

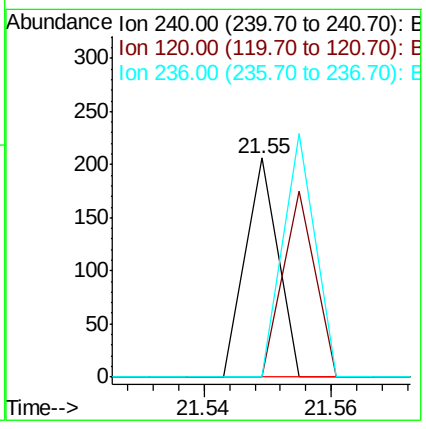
Instrument :
BNA_G
ClientSampleId :

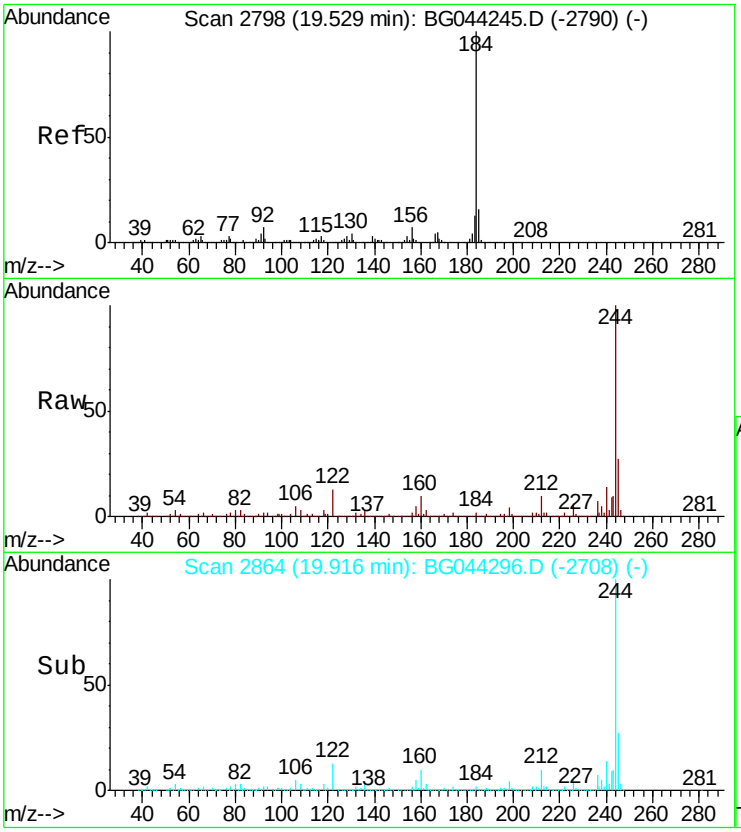


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion:240 Resp: 73

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



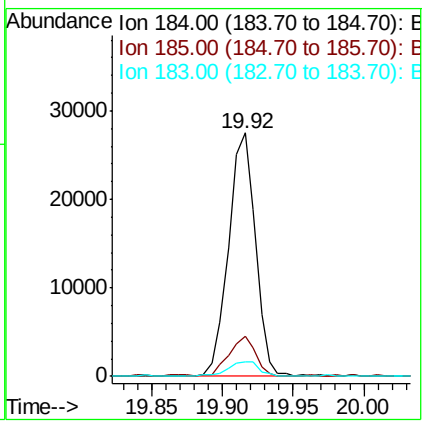


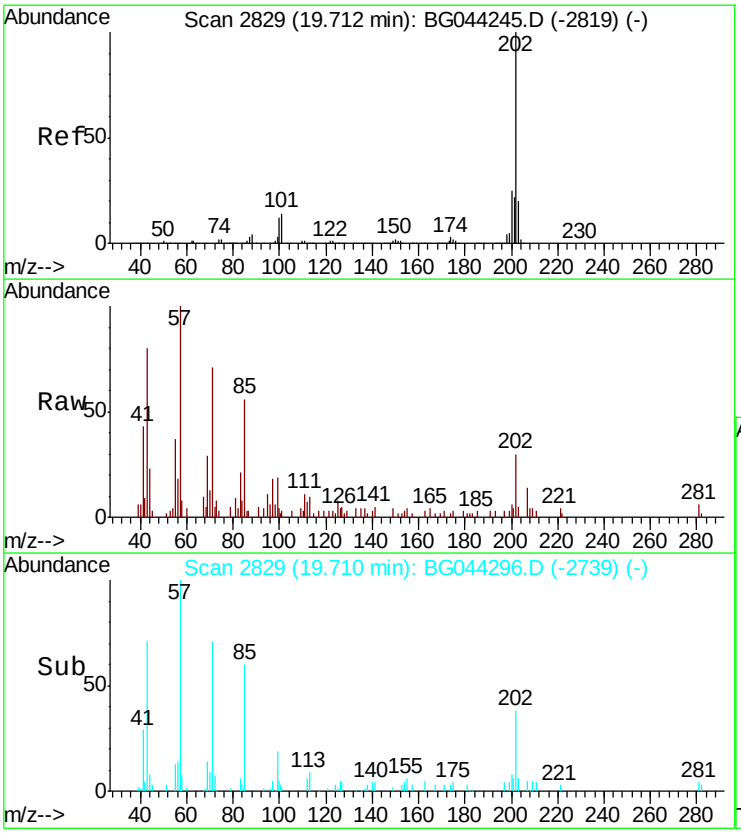
#77
Benzidine
Concen: 18033.986 ng
RT: 19.92 min Scan# 2864
Delta R.T. 0.39 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 36516

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.9	19.3
183	5.9	10.8	16.2#

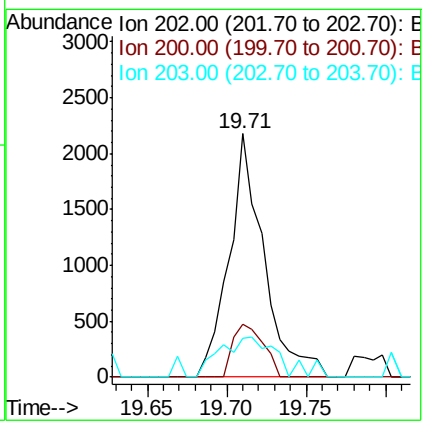


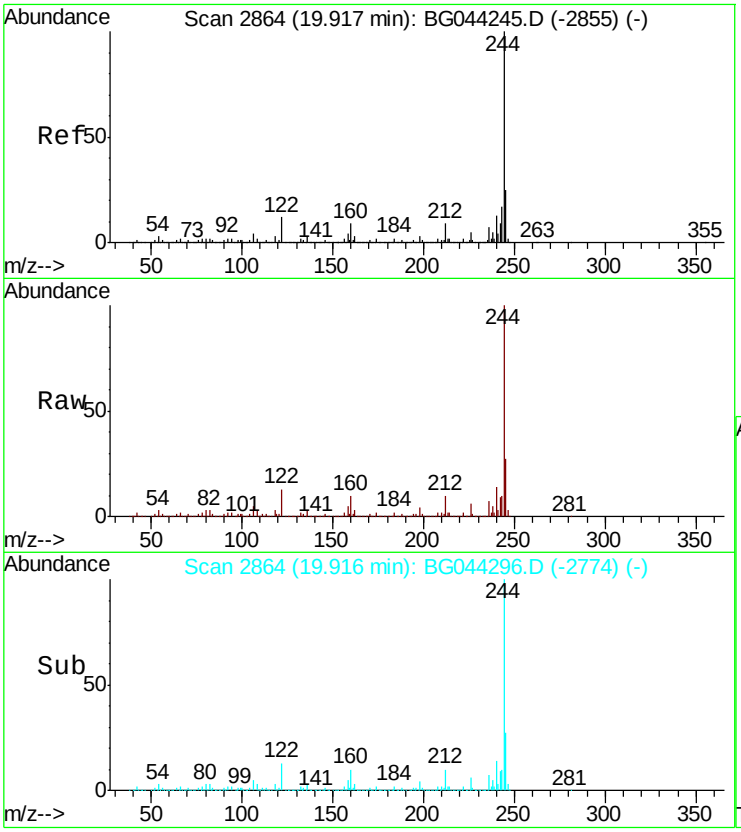


#78
Pyrene
Concen: 708.178 ng
RT: 19.71 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion:202 Resp: 3320

Ion	Ratio	Lower	Upper
202	100		
200	21.7	20.0	30.0
203	16.2	16.2	24.2#



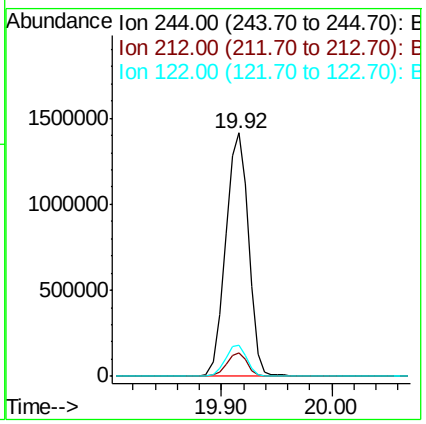


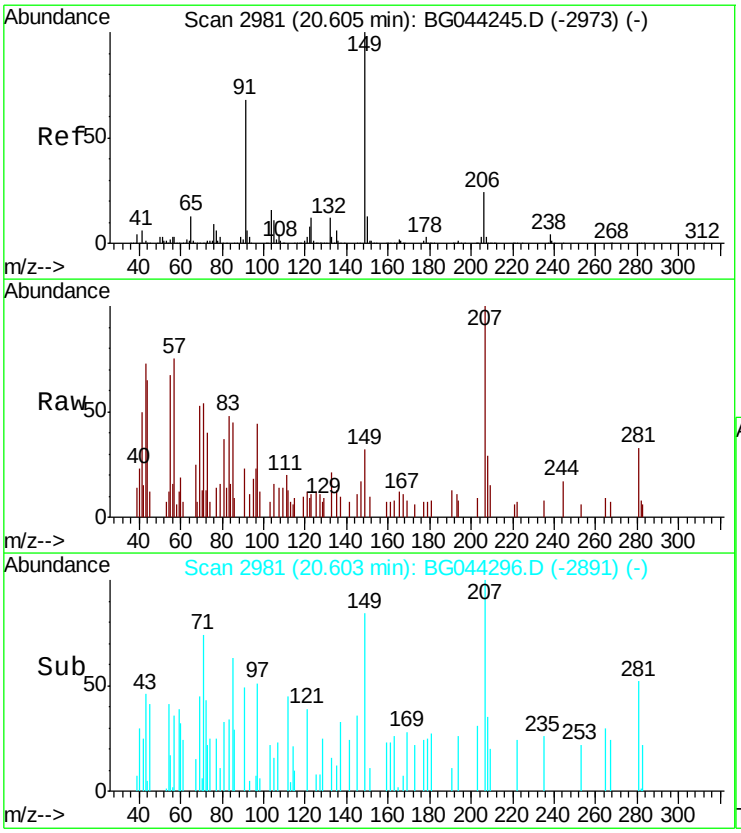
#79
Terphenyl-d14
Concen: 579235.406 ng
RT: 19.92 min Scan# 2864
Delta R.T. -0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2055753

Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.4	11.2
122	12.9	9.8	14.6

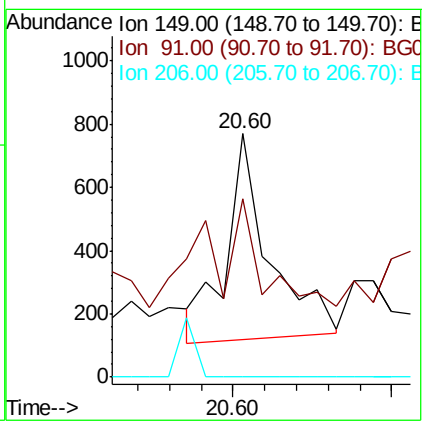


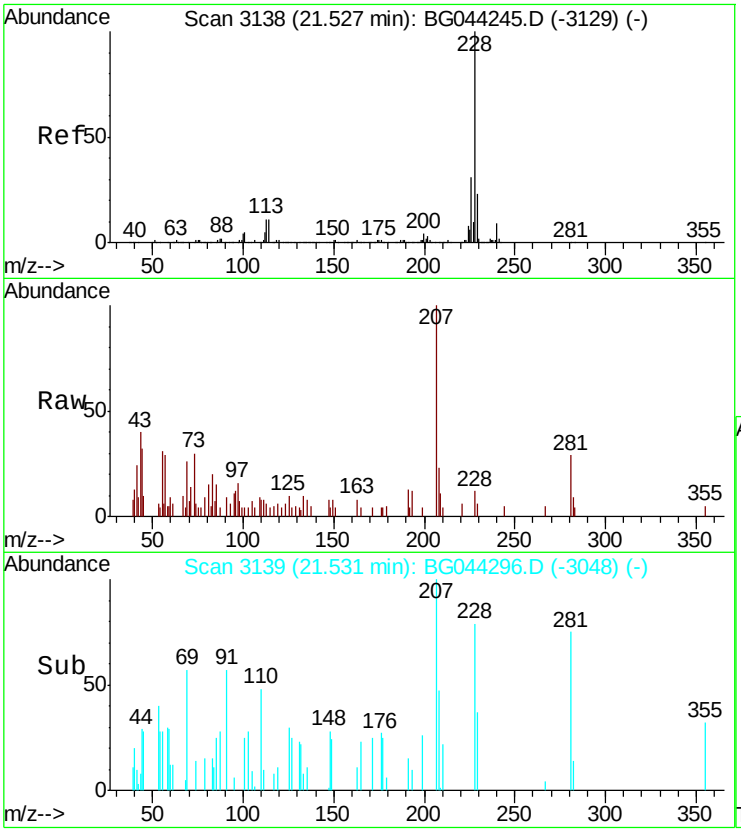


#80
Butylbenzylphthalate
Concen: 282.717 ng
RT: 20.60 min Scan# 2981
Delta R.T. -0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion:149 Resp: 604

Ion	Ratio	Lower	Upper
149	100		
91	73.2	54.5	81.7
206	0.0	19.1	28.7#



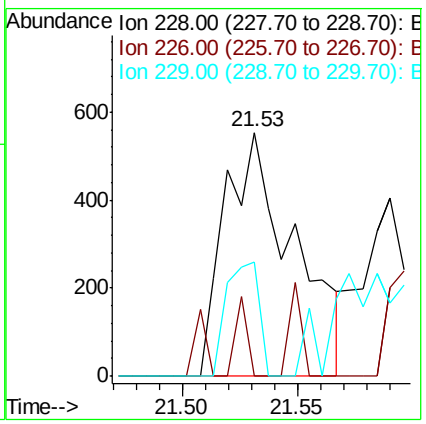


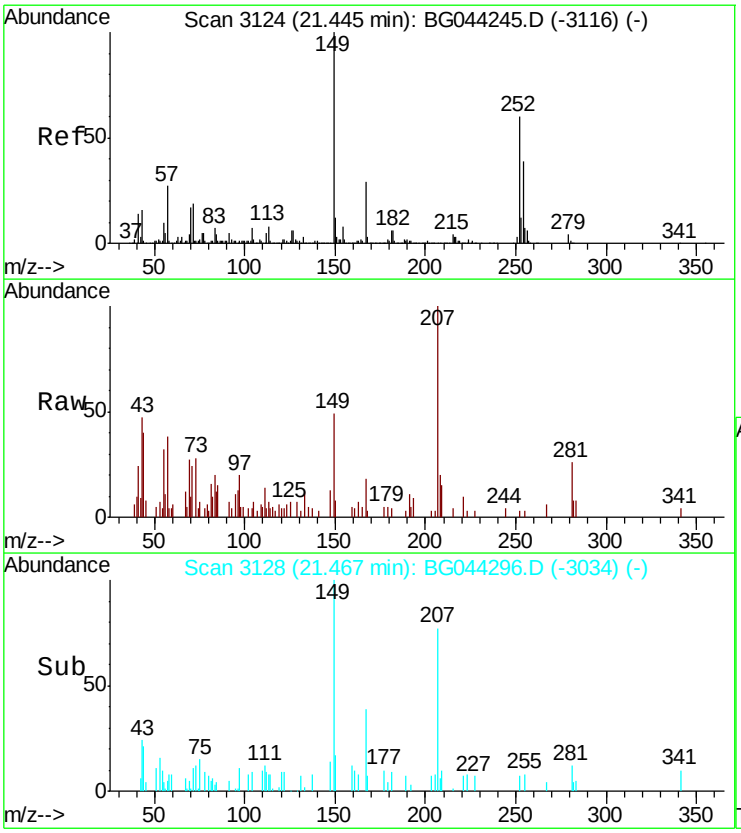
#81
Benzo(a)anthracene
Concen: 254.720 ng
RT: 21.53 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 1146

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.7	37.1#
229	46.8	18.2	27.4#

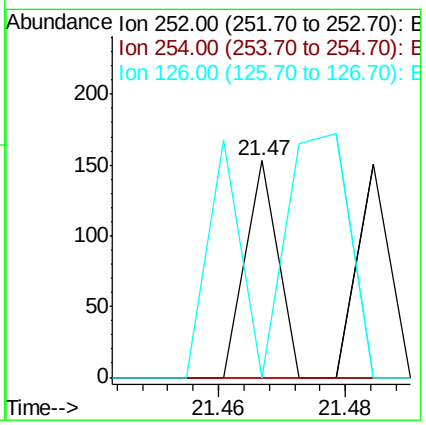


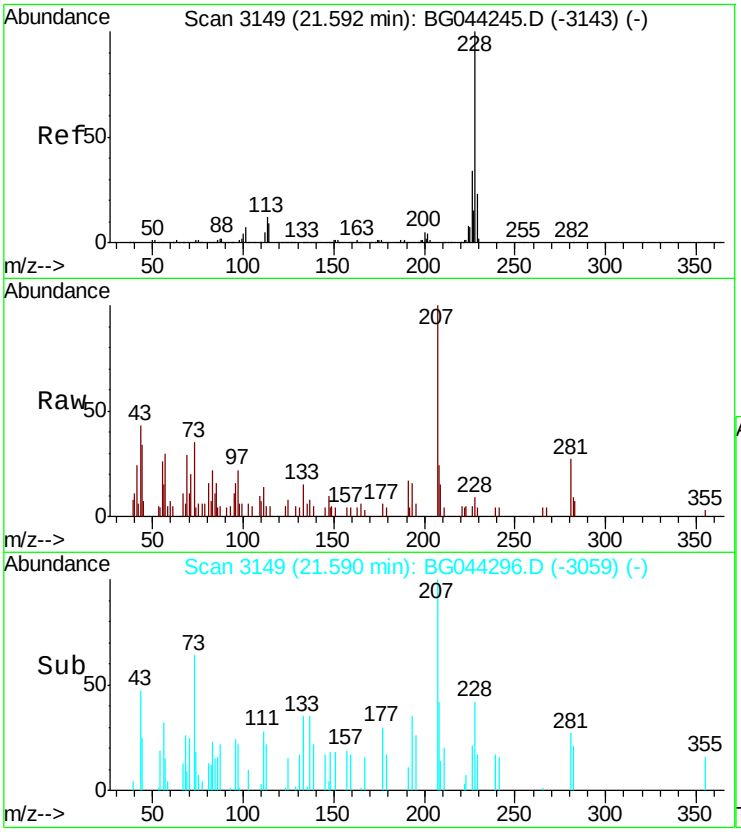


#82
3,3'-Dichlorobenzidine
Concen: 30.926 ng
RT: 21.47 min Scan# 3128
Delta R.T. 0.02 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion:252 Resp: 54

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.6	78.8#
126	0.0	8.2	12.4#



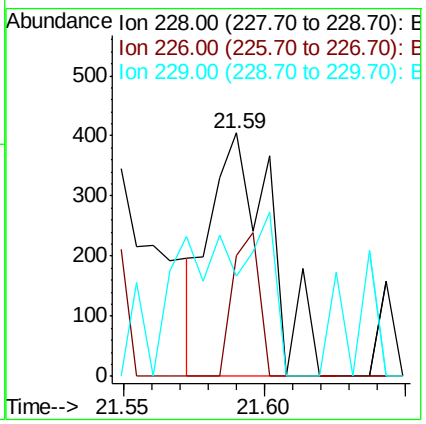


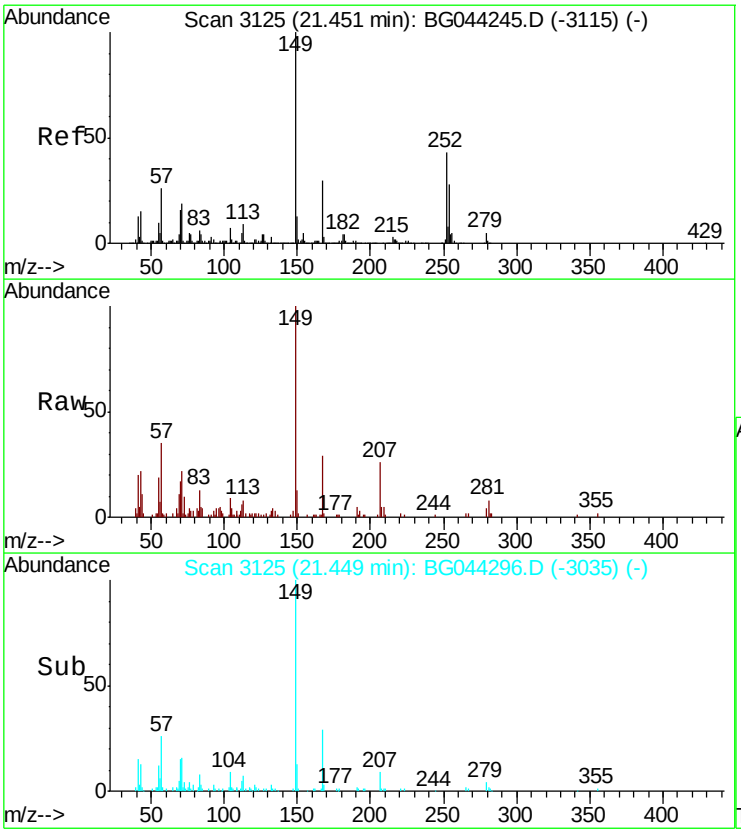
#83
Chrysene
Concen: 139.580 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 607

Ion	Ratio	Lower	Upper
228	100		
226	49.6	27.1	40.7#
229	41.2	17.9	26.9#

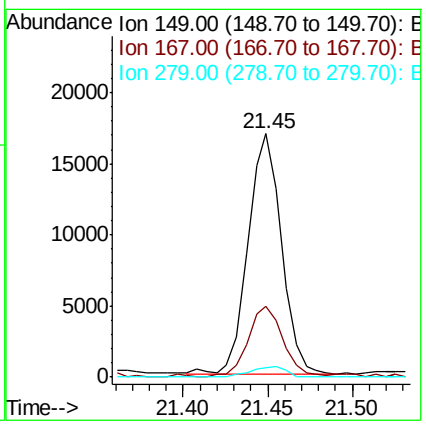


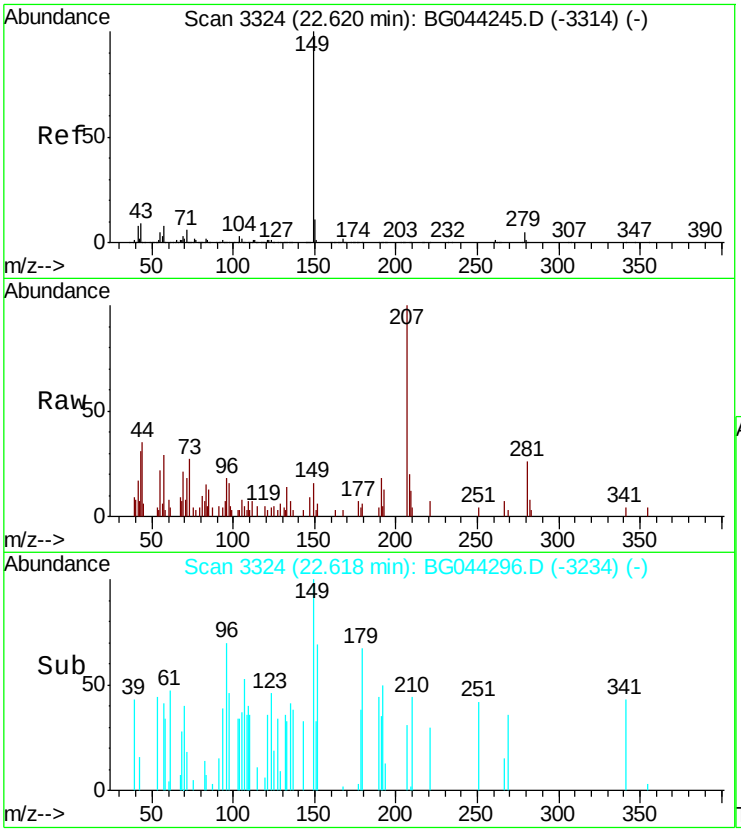


#84
Bis(2-ethylhexyl)phthalate
Concen: 7945.002 ng
RT: 21.45 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion:149 Resp: 23363

Ion	Ratio	Lower	Upper
149	100		
167	28.9	24.0	36.0
279	3.9	3.8	5.8



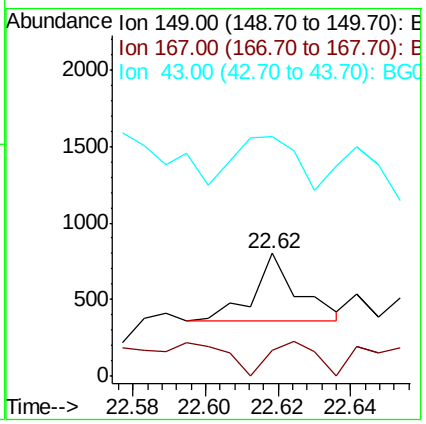


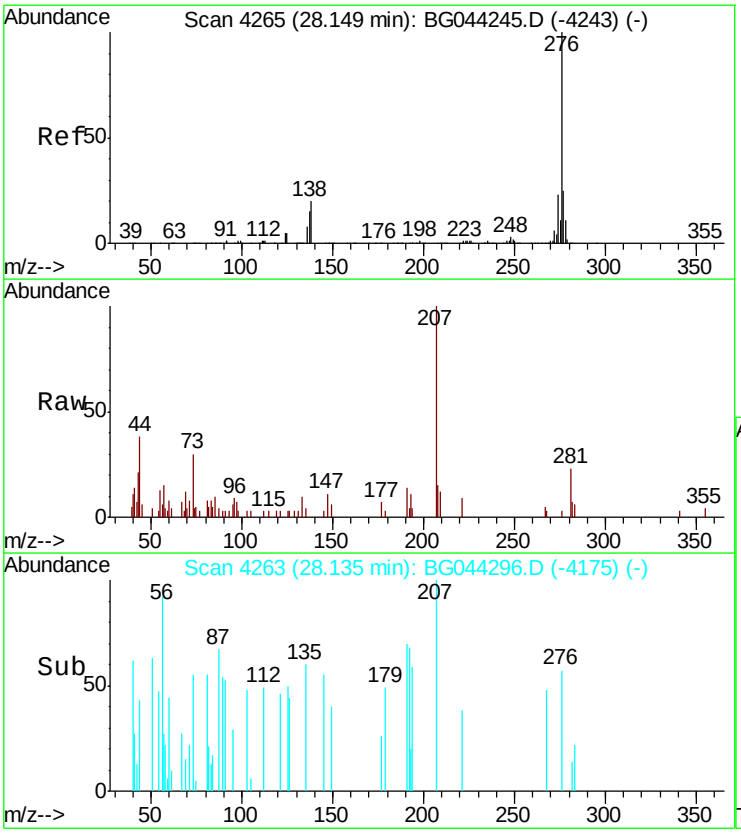
#85
Di-n-octyl phthalate
Concen: 73.508 ng
RT: 22.62 min Scan# 3324
Delta R.T. -0.00 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 374

Ion	Ratio	Lower	Upper
149	100		
167	52.7	1.3	1.9#
43	0.0	7.4	11.0#

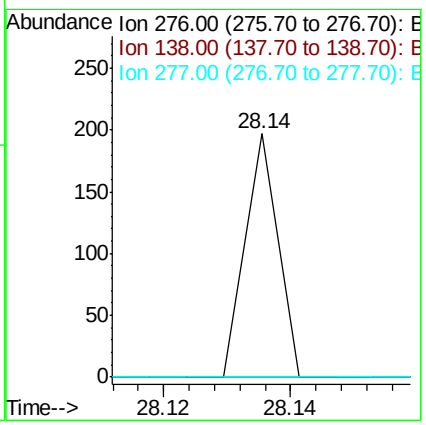


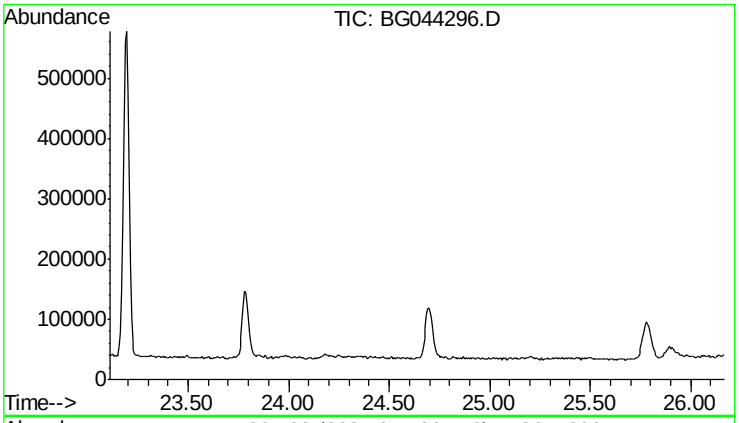


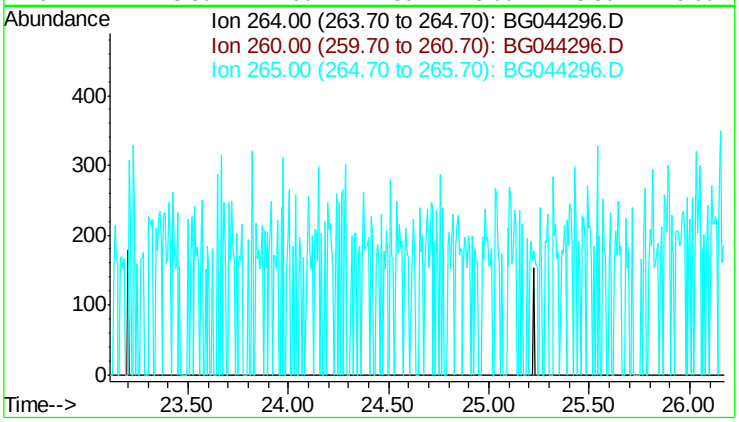
#86
Indeno(1,2,3-cd)pyrene
Concen: 12.162 ng
RT: 28.14 min Scan# 4263
Delta R.T. -0.01 min
Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion:276 Resp: 69

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.4	29.0#
277	0.0	21.0	31.6#







#87
Perylene-d12
Concen: 0.000 ng
Expected RT: 24.64 min

Lab File: BG044296.D
Acq: 5 Feb 2020 1:11

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	24.3
265	20.9

Instrument :
BNA_G
ClientSampleId :