Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
Data File : BG045111.D
Acq On : 21 Apr 2020 14:38
Operator : CG/JU
Sample : L2344-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Time: Apr 21 15:43:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 14:13:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	55938	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	234863	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	186763	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	466912	20.00	ng		0.00
76) Chrysene-d12	21.66	240	465690	20.00	ng		0.00
87) Perylene-d12	24.85	264	493481	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	453696	133.90	ng		0.00
7) Phenol-d6	7.19	99	609842	121.14	ng		0.00
23) Nitrobenzene-d5	9.17	82	536312	104.19	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	456145	158.10	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1315084	103.25	ng		0.00
79) Terphenyl-d14	20.01	244	2402415	112.44	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.18	77	1313	Below Cal		#	4
15) Benzyl Alcohol	8.34	79	9066	2.148	ng	#	49
19) n-Nitroso-di-n-propylamine	9.17	70	73974	20.779	ng	#	78
32) Benzoic acid	10.36	122	81	6.398	ng	#	1
51) 2,6-Dinitrotoluene	14.65	165	24214	7.119	ng	#	25
57) 2,4-Dinitrotoluene	14.65	165	24214	4.871	ng	#	23
67) 4-Bromophenyl-phenylether	16.14	248	30232	5.019	ng	#	1
69) Atrazine	16.90	200	68	Below Cal		#	35
74) Di-n-butylphthalate	18.37	149	1375	Below Cal		#	72
75) Fluoranthene	19.45	202	191	Below Cal			62
77) Benzidine	19.63	184	7459	Below Cal		#	94

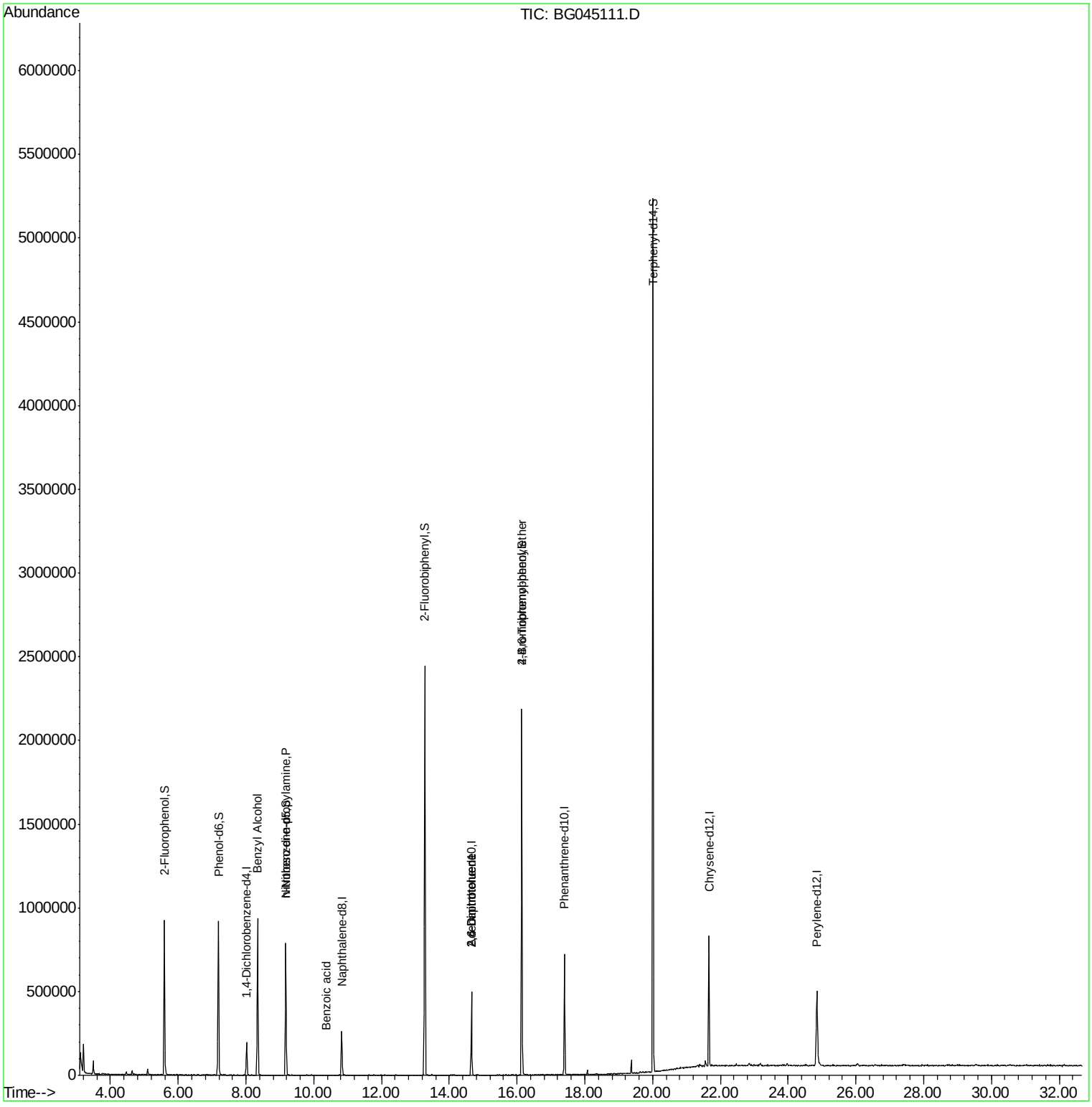
(#) = qualifier out of range (m) = manual integration (+) = signals summed

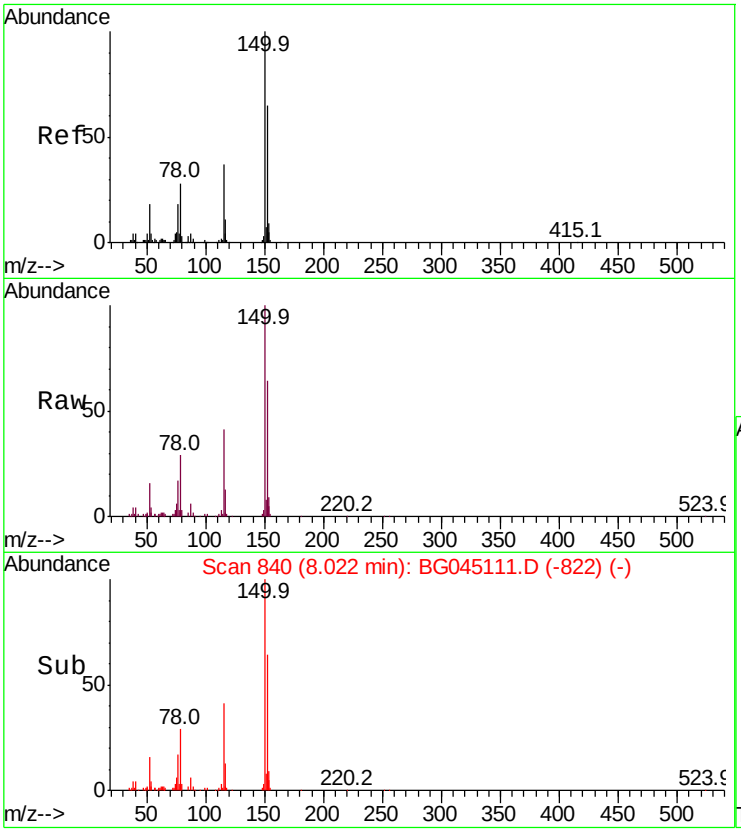
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
Data File : BG045111.D
Acq On : 21 Apr 2020 14:38
Operator : CG/JU
Sample : L2344-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2

Quant Time: Apr 21 15:43:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 14:13:24 2020
Response via : Initial Calibration



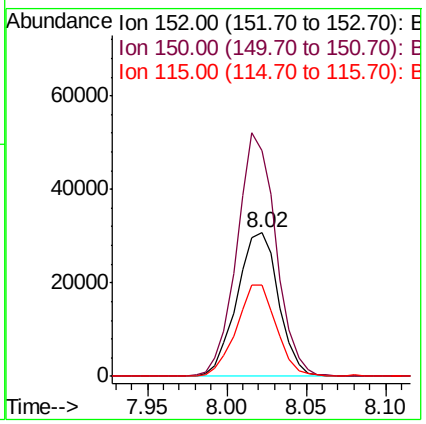


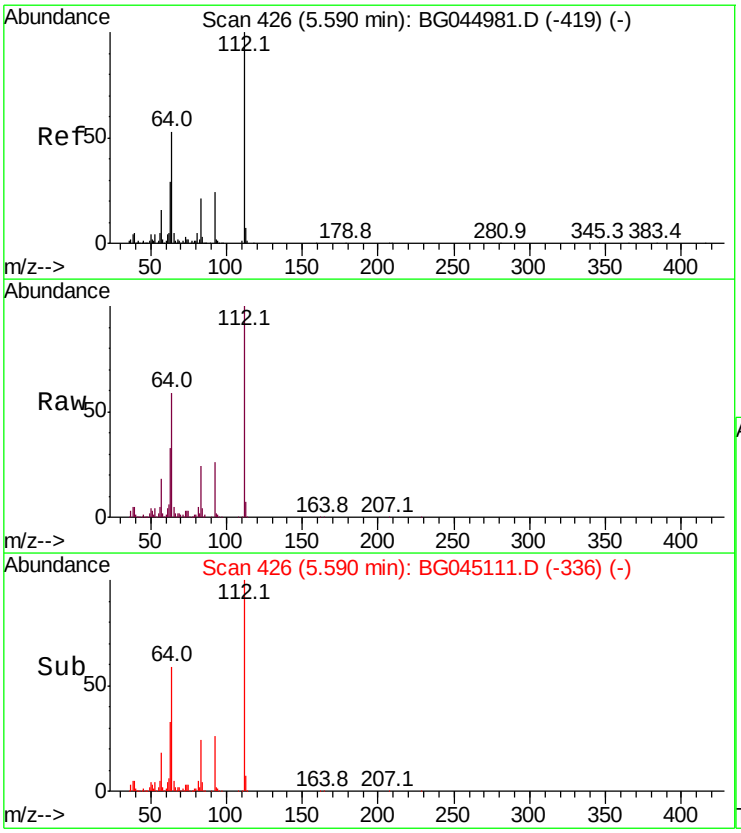
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 55938

Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.6	185.4
115	64.0	49.1	73.7

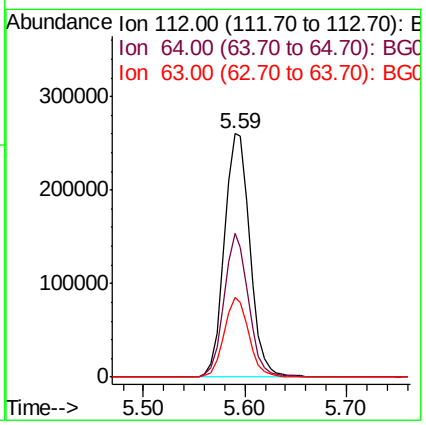


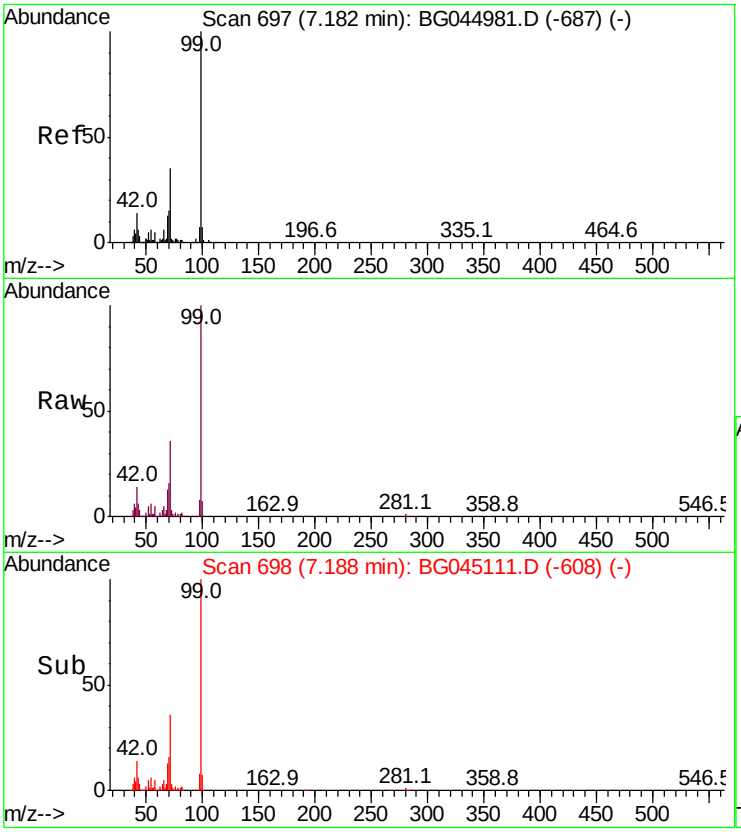


#5
2-Fluorophenol
Concen: 133.903 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:112 Resp: 453696

Ion	Ratio	Lower	Upper
112	100		
64	59.0	42.4	63.6
63	32.8	23.1	34.7



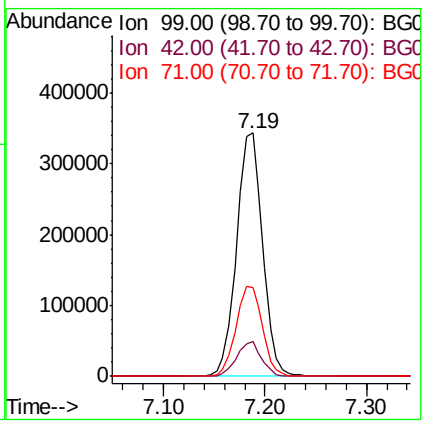


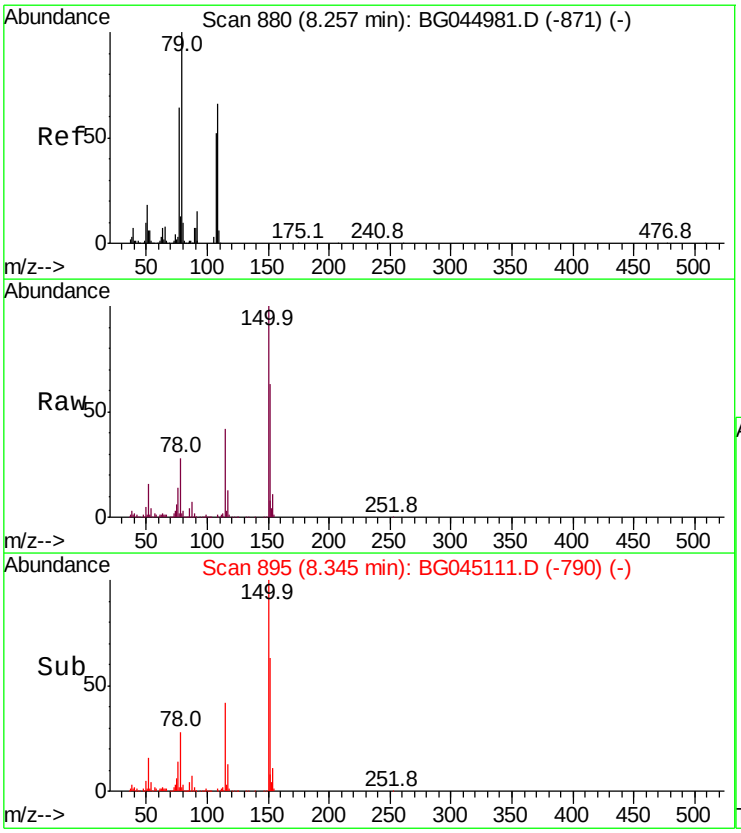
#7
Phenol-d6
Concen: 121.143 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 609842

Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.3	16.9
71	36.4	28.3	42.5

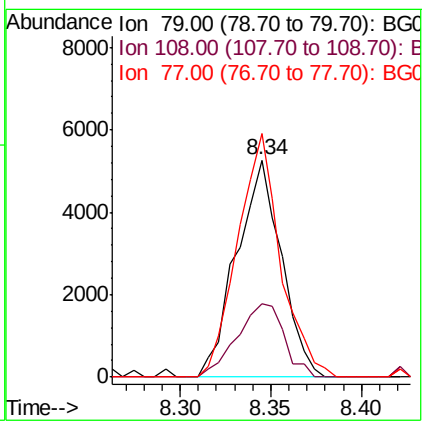


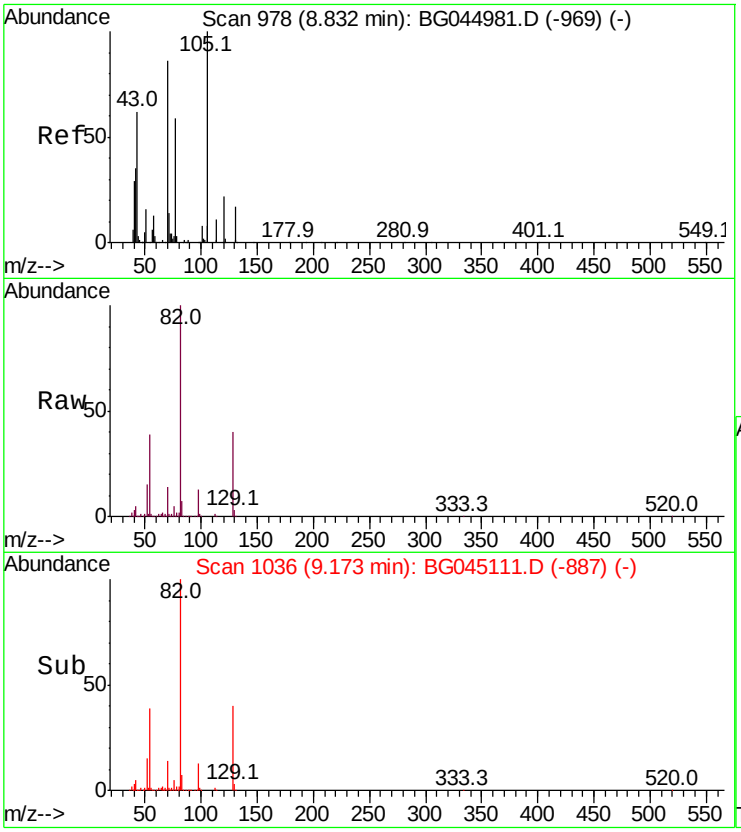


#15
Benzyl Alcohol
Concen: 2.148 ng
RT: 8.34 min Scan# 895
Delta R.T. 0.09 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion: 79 Resp: 9066

Ion	Ratio	Lower	Upper
79	100		
108	33.6	52.7	79.1#
77	112.3	51.3	76.9#



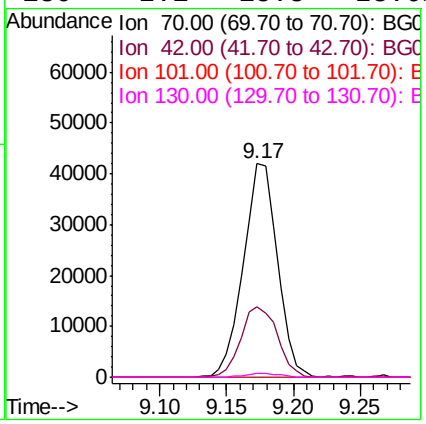


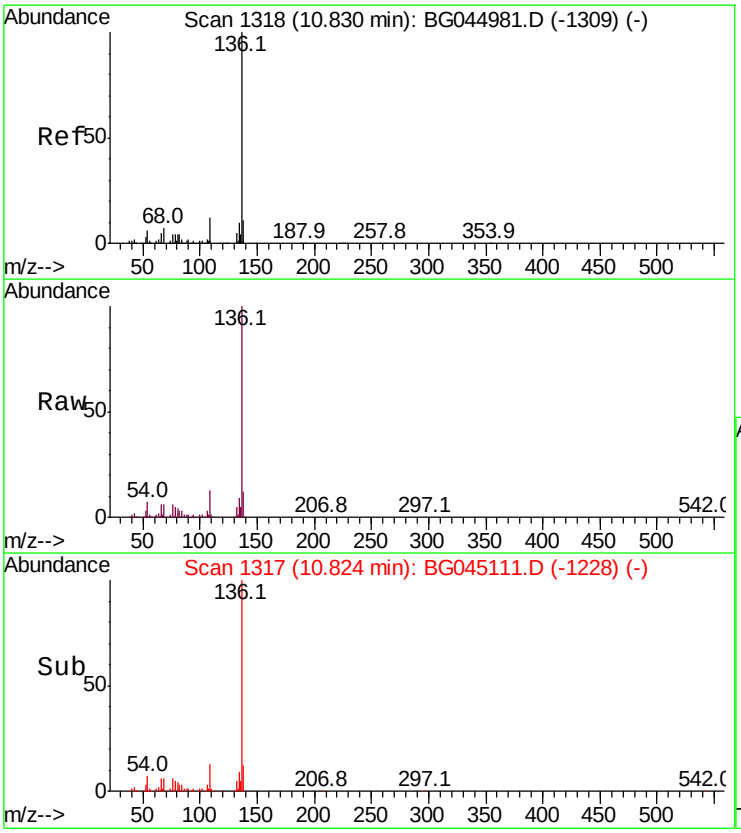
#19
n-Nitroso-di-n-propylamine
Concen: 20.779 ng
RT: 9.17 min Scan# 1036
Delta R.T. 0.35 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 70 Resp: 73974

Ion	Ratio	Lower	Upper
70	100		
42	33.0	33.3	49.9#
101	0.0	7.8	11.8#
130	2.1	15.8	23.6#

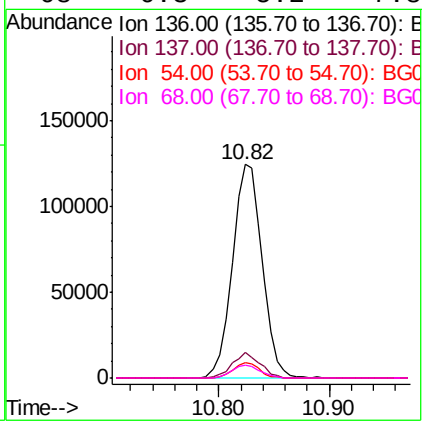


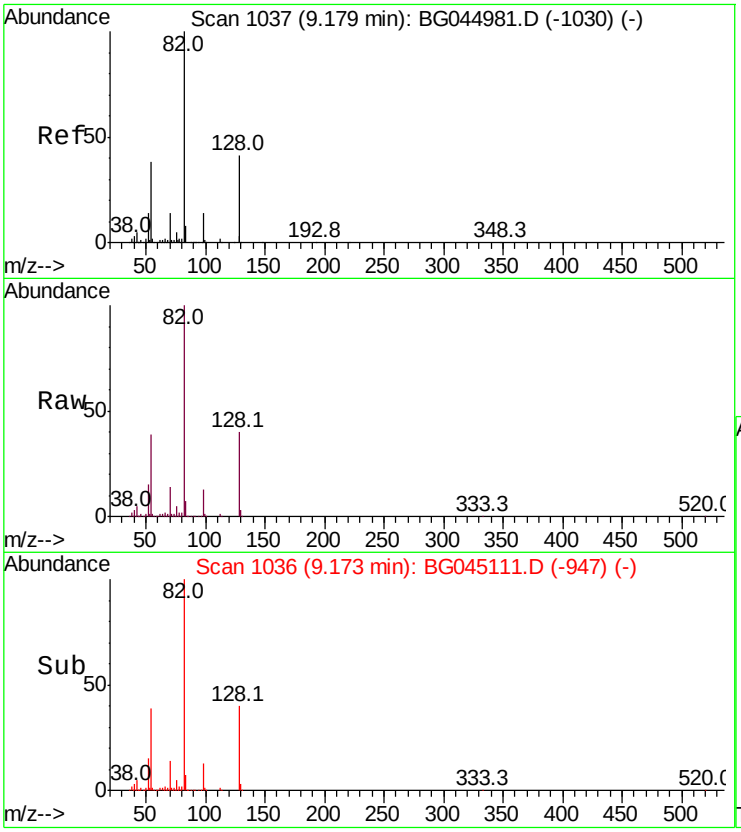


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:136 Resp: 234863

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	13.0
54	6.9	4.8	7.2
68	6.3	5.2	7.8



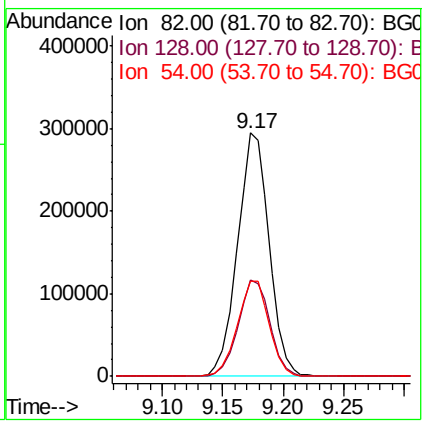


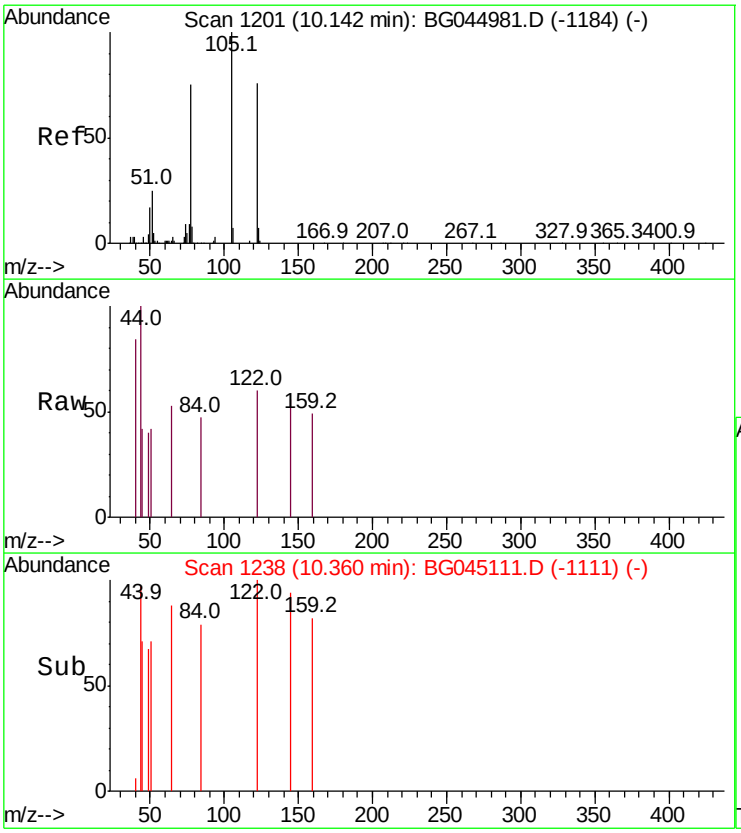
#23
Nitrobenzene-d5
Concen: 104.194 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 536312

Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.0	49.4
54	39.2	30.4	45.6

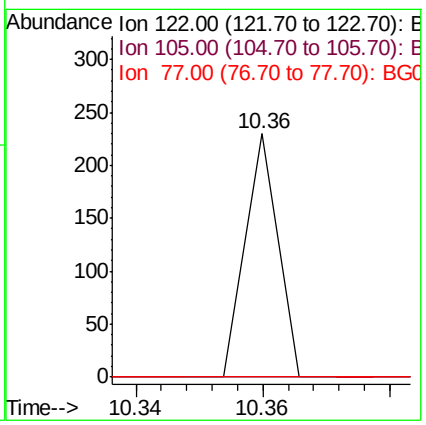


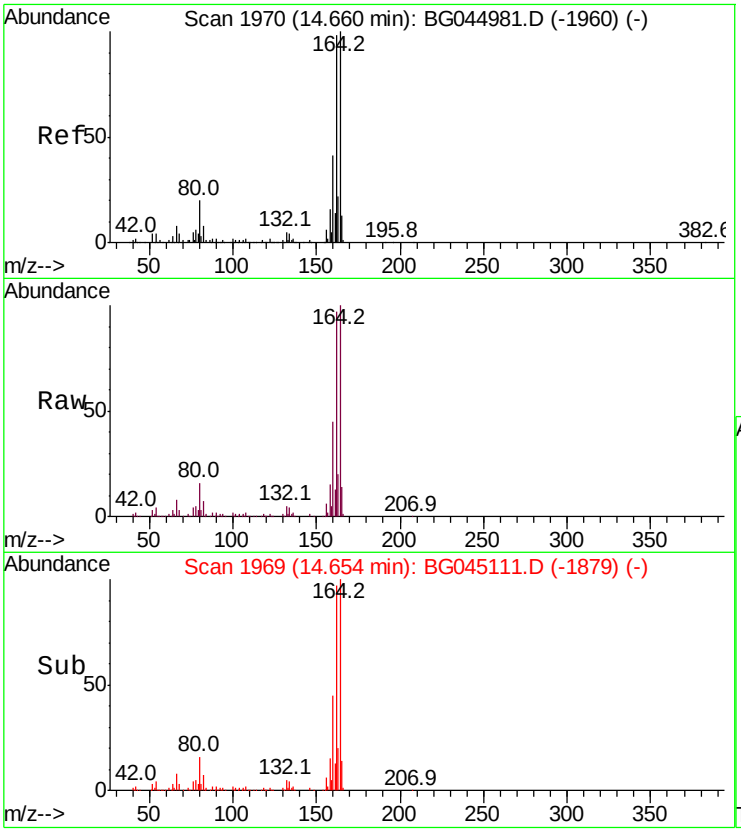


#32
Benzoic acid
Concen: 6.398 ng
RT: 10.36 min Scan# 1238
Delta R.T. 0.22 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:122 Resp: 81

Ion	Ratio	Lower	Upper
122	100		
105	0.0	108.4	148.4#
77	0.0	78.8	118.8#



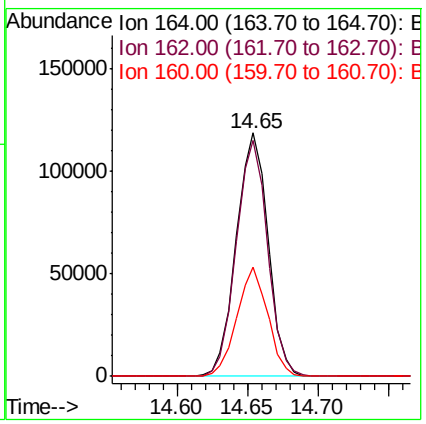


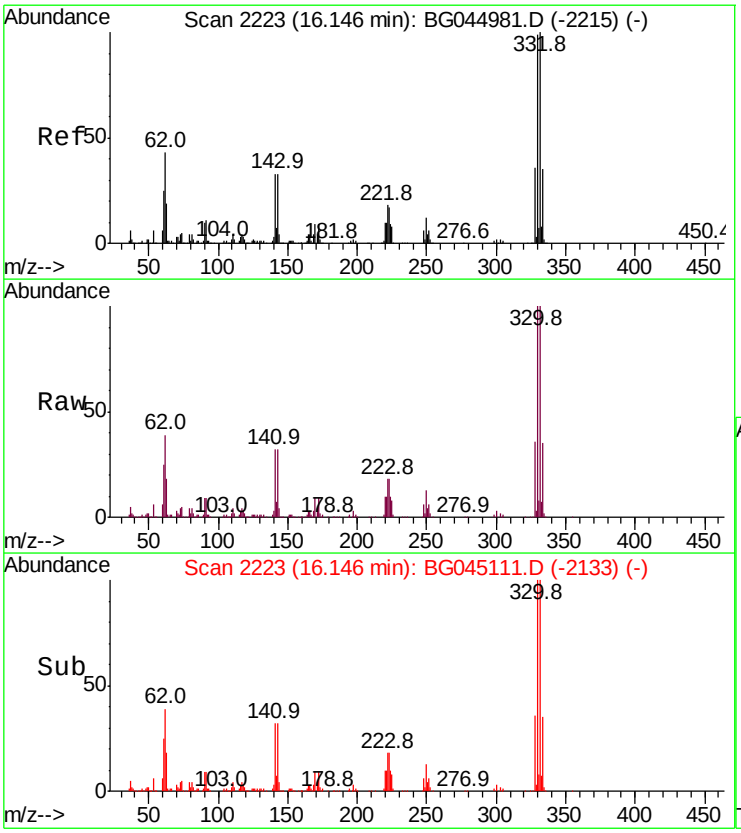
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:164 Resp: 186763

Ion	Ratio	Lower	Upper
164	100		
162	97.0	78.7	118.1
160	44.7	32.8	49.2

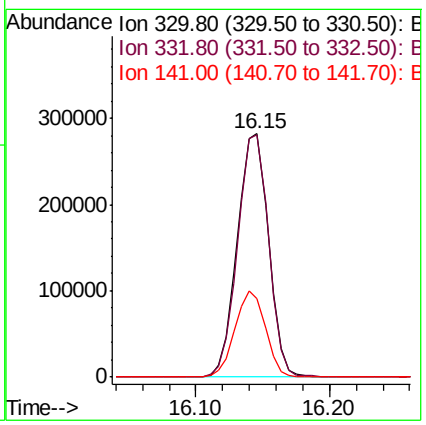


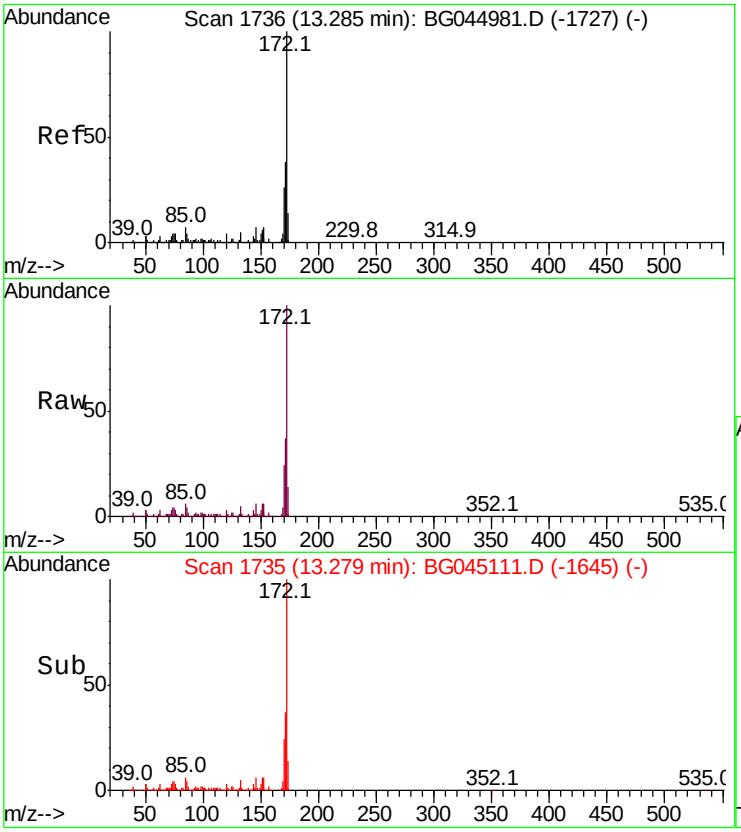


#42
2,4,6-Tribromophenol
Concen: 158.096 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:330 Resp: 456145

Ion	Ratio	Lower	Upper
330	100		
332	98.6	79.1	118.7
141	34.7	27.1	40.7



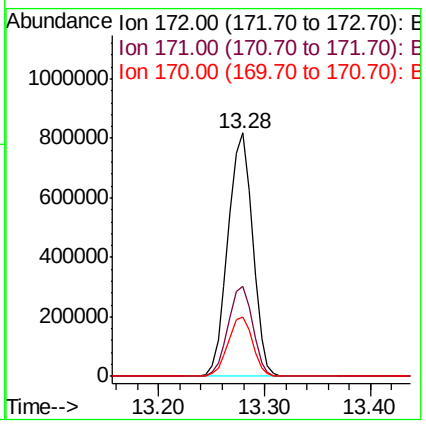


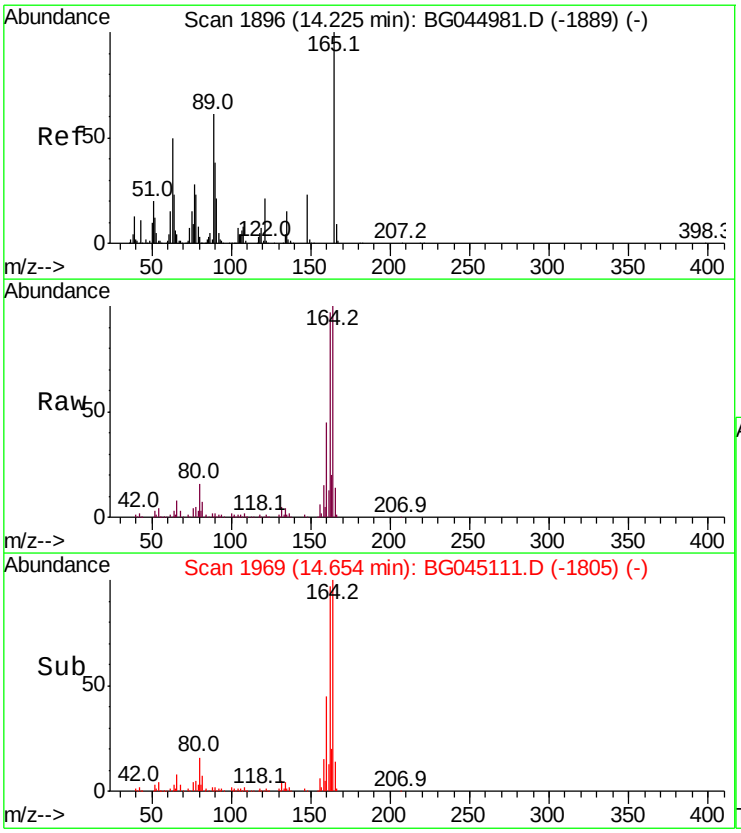
#45
2-Fluorobiphenyl
Concen: 103.250 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:172 Resp: 1315084

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.3	20.5	30.7

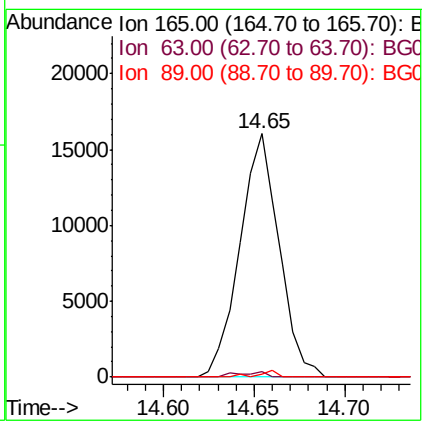


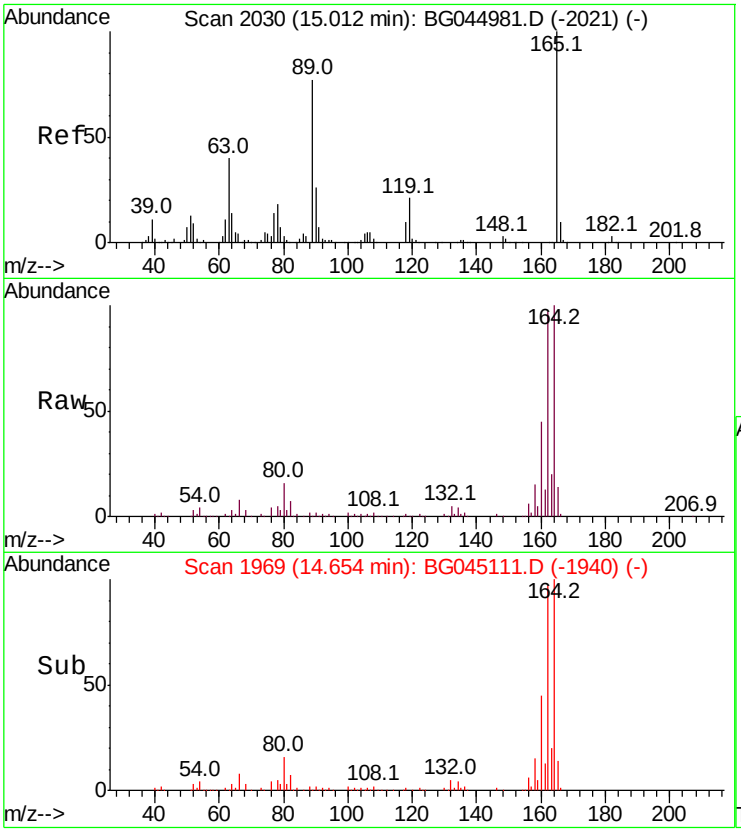


#51
2,6-Dinitrotoluene
Concen: 7.119 ng
RT: 14.65 min Scan# 1969
Delta R.T. 0.43 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:165 Resp: 24214

Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.4	60.6#
89	1.2	49.1	73.7#



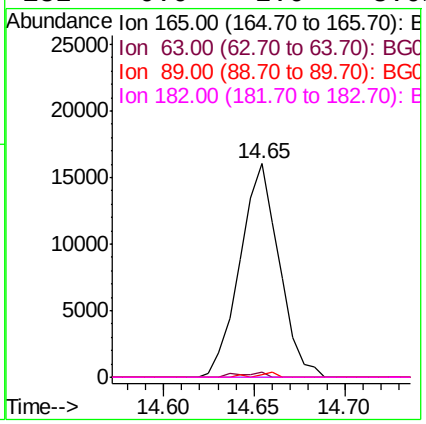


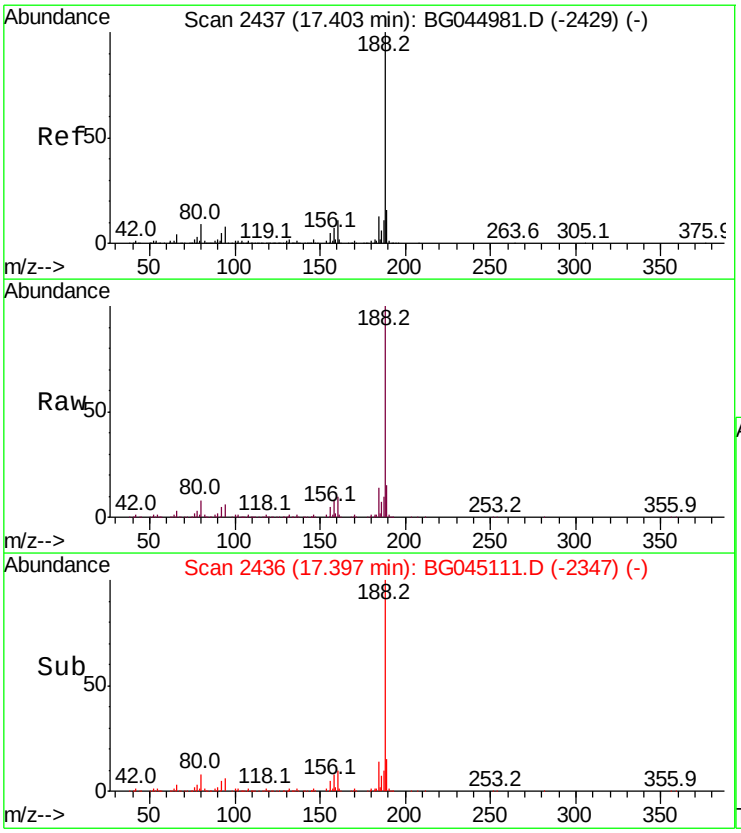
#57
2,4-Dinitrotoluene
Concen: 4.871 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:165 Resp: 24214

Ion	Ratio	Lower	Upper
165	100		
63	2.3	32.2	48.2#
89	1.2	61.7	92.5#
182	0.0	2.0	3.0#

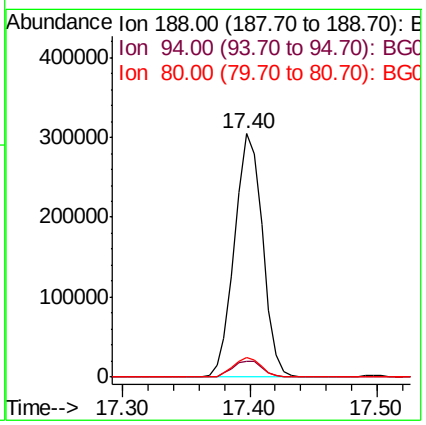


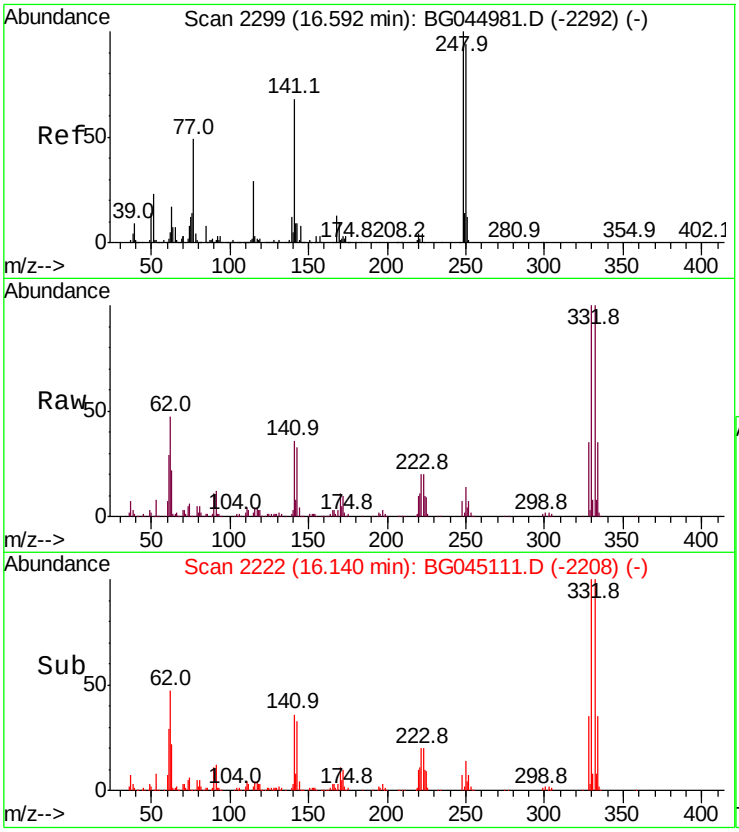


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:188 Resp: 466912

Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.2	9.4
80	8.1	7.0	10.6



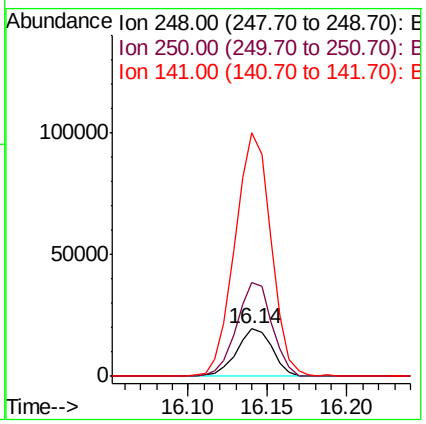


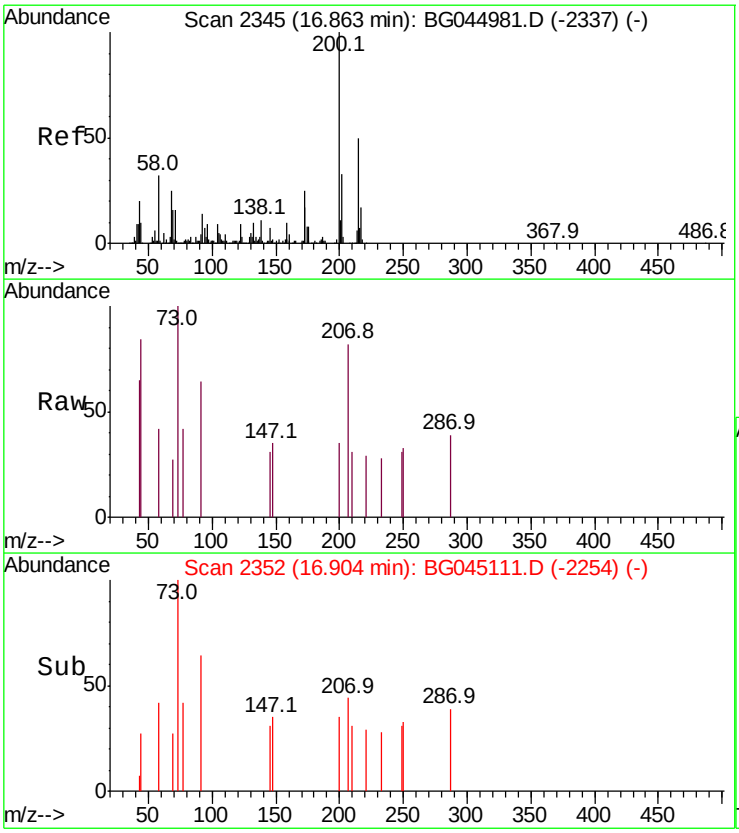
#67
4-Bromophenyl-phenylether
Concen: 5.019 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.45 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:248 Resp: 30232

Ion	Ratio	Lower	Upper
248	100		
250	199.5	75.4	113.2#
141	515.8	54.4	81.6#

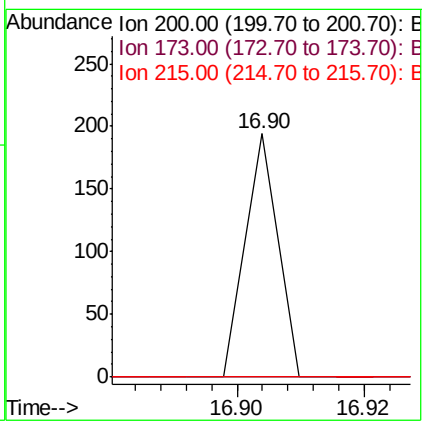


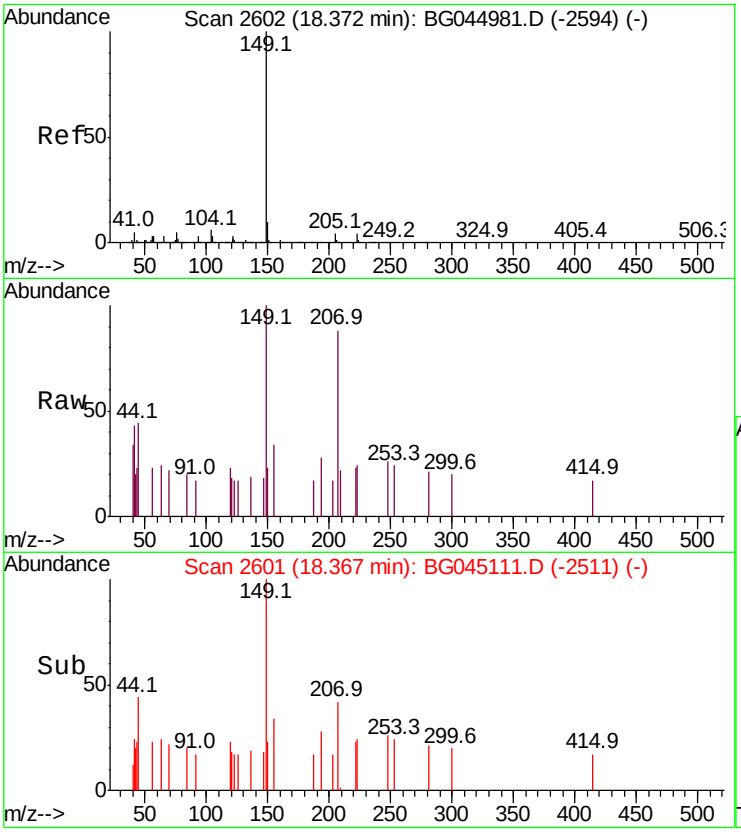


#69
Atrazine
Concen: Below Cal
RT: 16.90 min Scan# 2352
Delta R.T. 0.05 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:200 Resp: 68

Ion	Ratio	Lower	Upper
200	100		
173	0.0	4.5	44.5#
215	0.0	30.0	70.0#



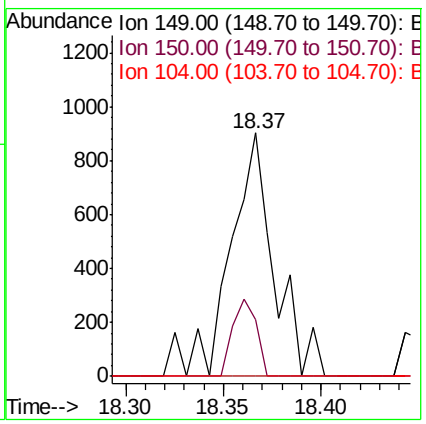


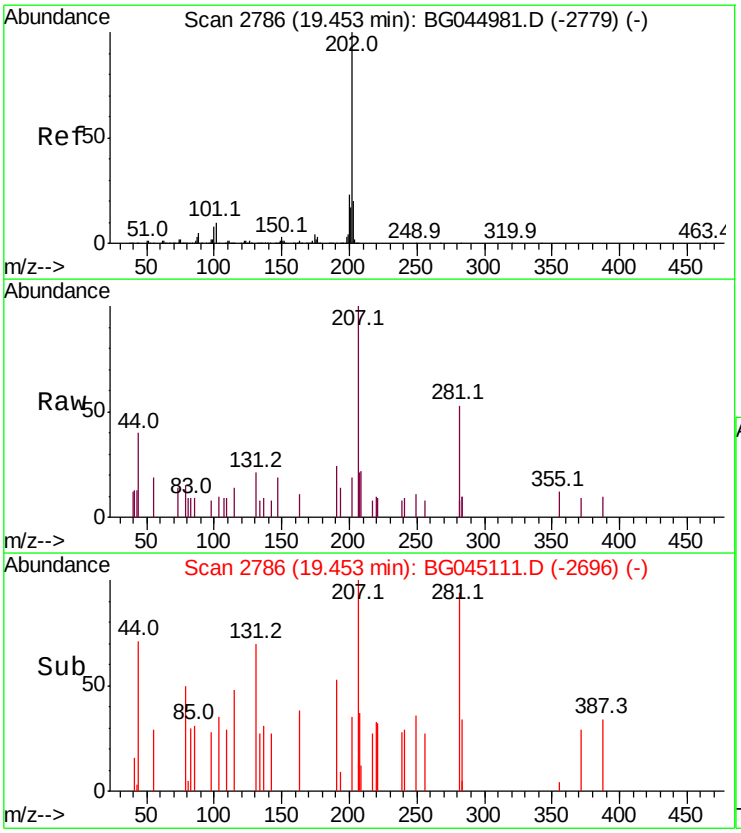
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.37 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:149 Resp: 1375

Ion	Ratio	Lower	Upper
149	100		
150	23.1	8.2	12.2#
104	0.0	4.8	7.2#

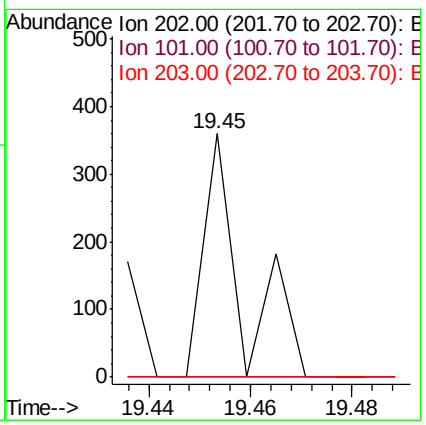


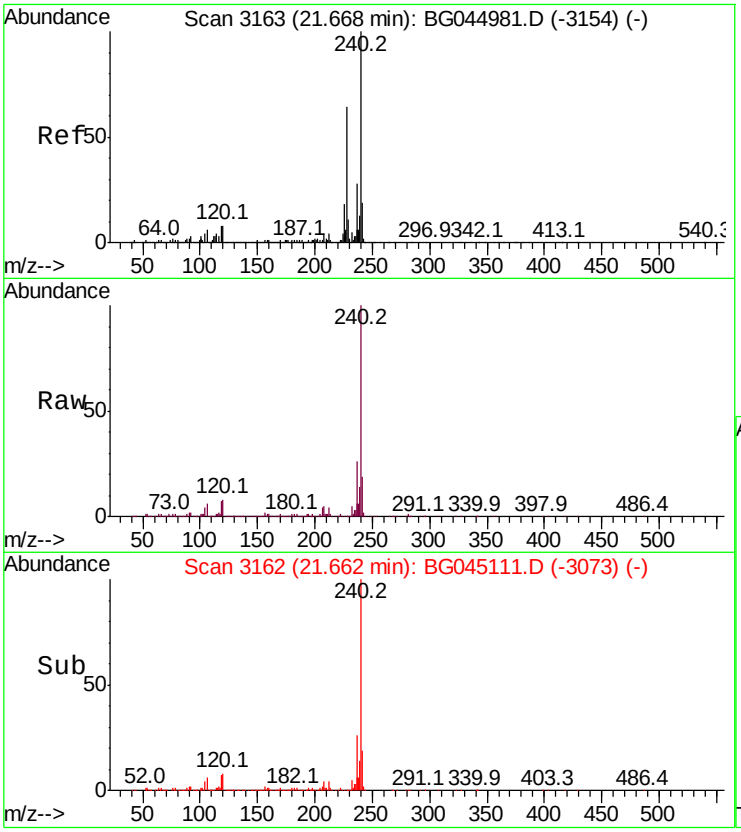


#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:202 Resp: 191

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	29.6
203	0.0	0.0	39.7



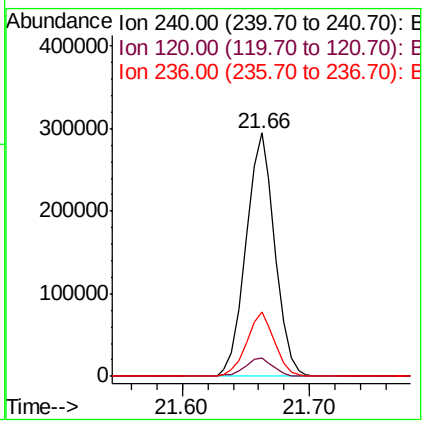


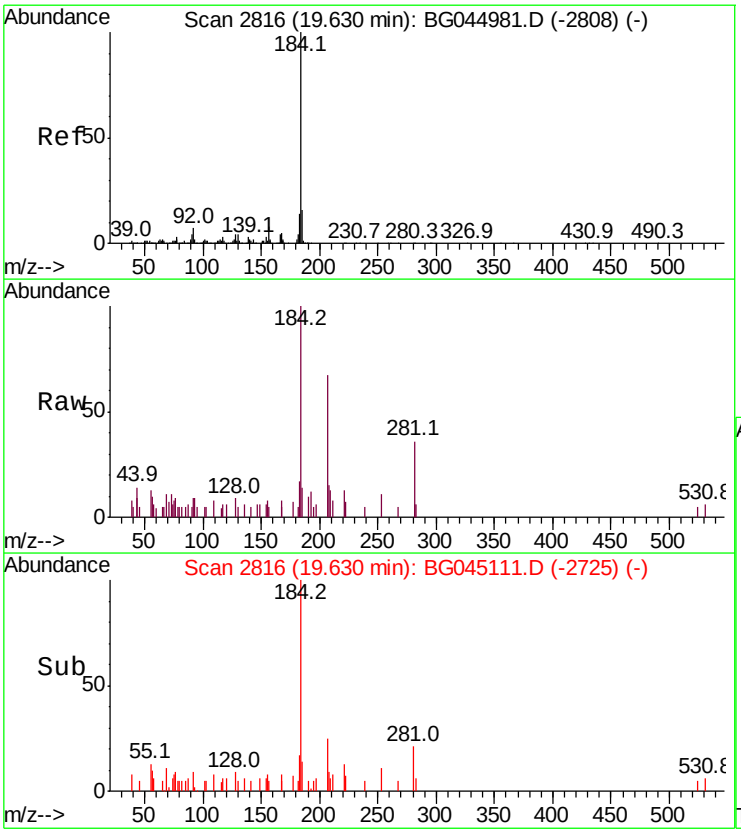
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:240 Resp: 465690

Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.6	10.0
236	26.2	22.2	33.2

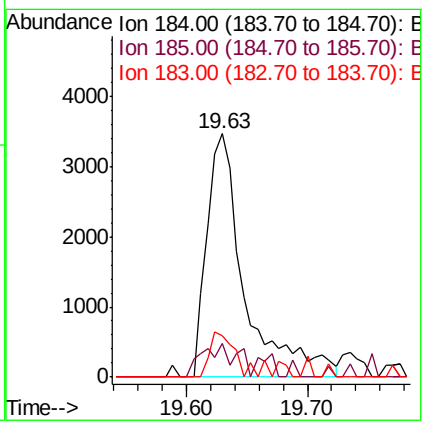


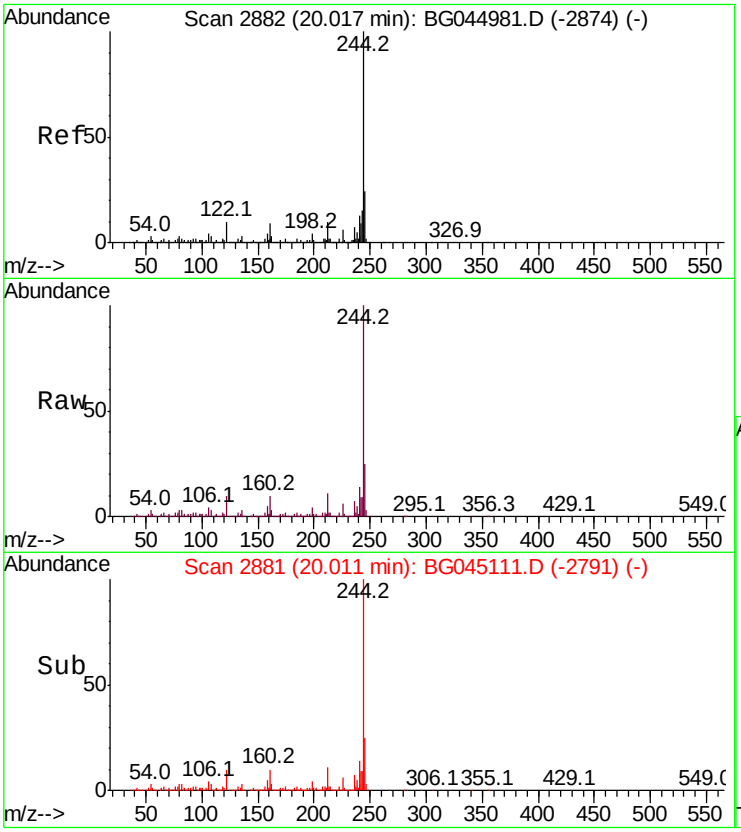


#77
Benzidine
Concen: Below Cal
RT: 19.63 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:184 Resp: 7459

Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	19.0
183	17.0	11.3	16.9#



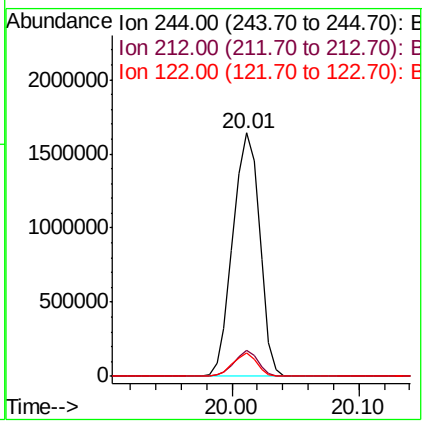


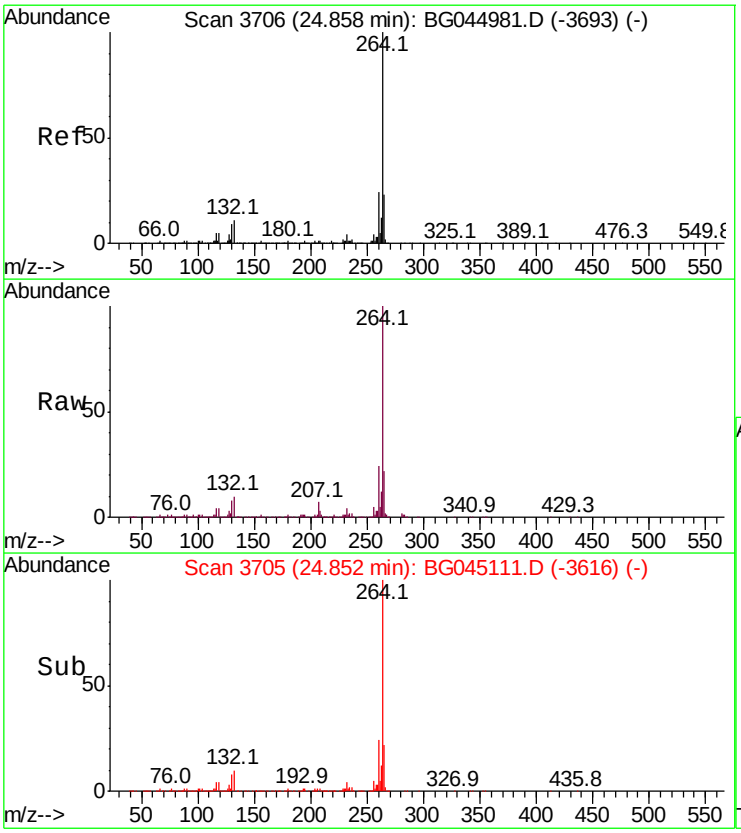
#79
Terphenyl-d14
Concen: 112.440 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 2402415

Ion	Ratio	Lower	Upper
244	100		
212	10.7	7.9	11.9
122	9.6	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.01 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:264 Resp: 493481

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	19.0	28.4