Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050120\
Data File : BG045220.D
Acq On : 1 May 2020 17:37
Operator : CG/JU
Sample : L2122-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-03-043020

Quant Time: May 01 18:17:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 11:17:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	64187	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	237297	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	189532	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	473789	20.00	ng	0.00
76) Chrysene-d12	21.64	240	477101	20.00	ng	0.00
87) Perylene-d12	24.82	264	502927	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	464956	119.59	ng	0.00
7) Phenol-d6	7.15	99	582270	100.80	ng	0.00
23) Nitrobenzene-d5	9.15	82	503990	96.91	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	408520	139.52	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1198174	92.70	ng	0.00
79) Terphenyl-d14	19.99	244	2179175	99.55	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.14	77	826	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.15	70	65606	16.060	ng	# 81
32) Benzoic acid	10.44	122	57	6.391	ng	# 1
51) 2,6-Dinitrotoluene	14.63	165	23956	6.940	ng	# 24
57) 2,4-Dinitrotoluene	14.63	165	23956	4.749	ng	# 22
67) 4-Bromophenyl-phenylether	16.12	248	28249	4.622	ng	# 1
74) Di-n-butylphthalate	18.35	149	1475	Below Cal	#	76
75) Fluoranthene	19.42	202	310	Below Cal		62
77) Benzidine	19.99	184	42939	Below Cal	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG050120\
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Acq On : 1 May 2020 17:37
Operator : CG/JU
Sample : L2122-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-043020

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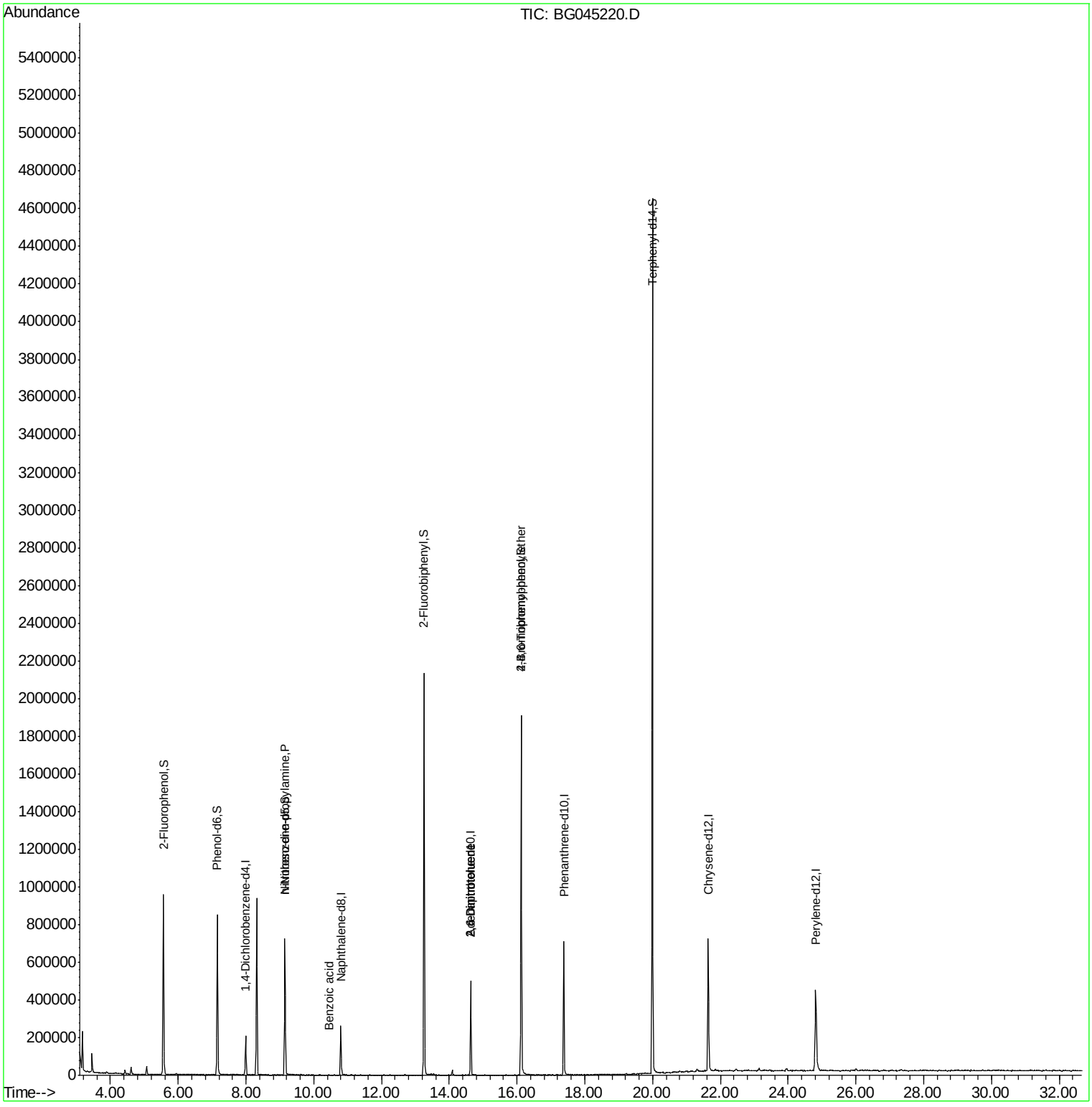
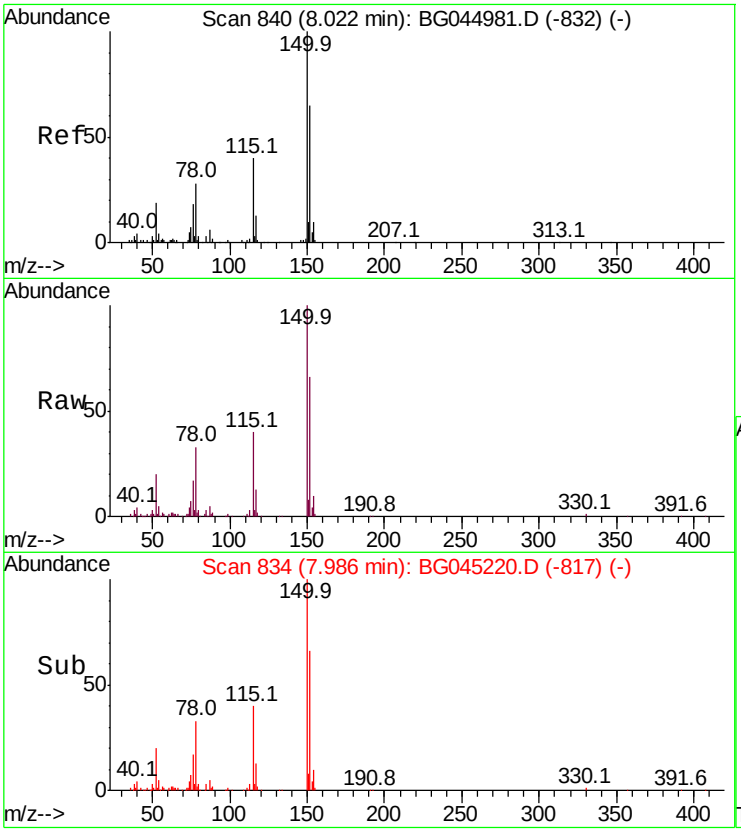


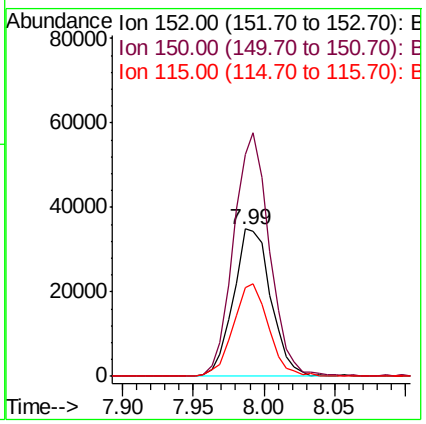


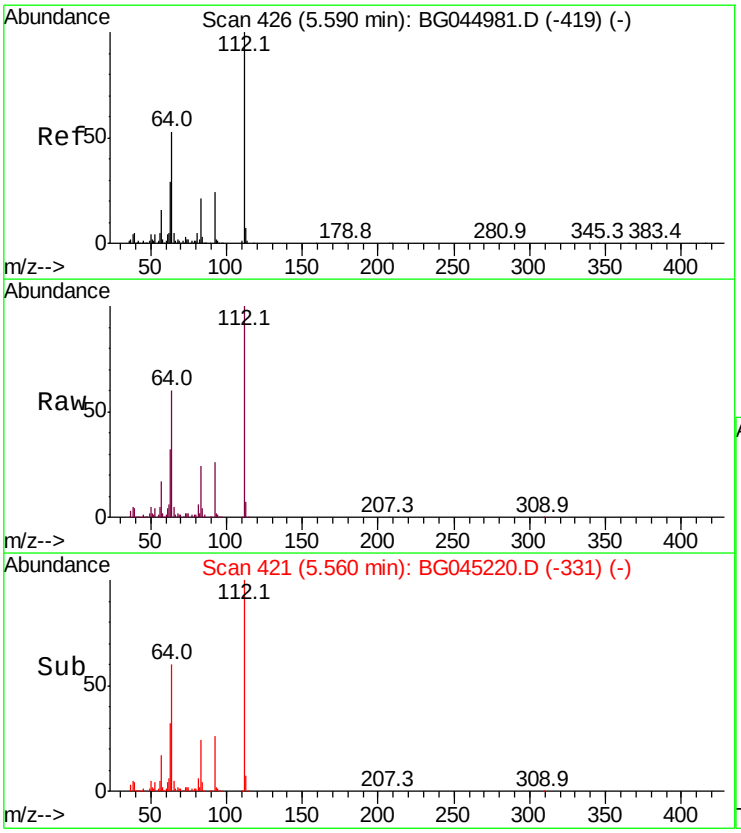
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SU-03-043020

Tgt Ion:152 Resp: 64187

Ion	Ratio	Lower	Upper
152	100		
150	151.0	123.6	185.4
115	60.2	49.1	73.7

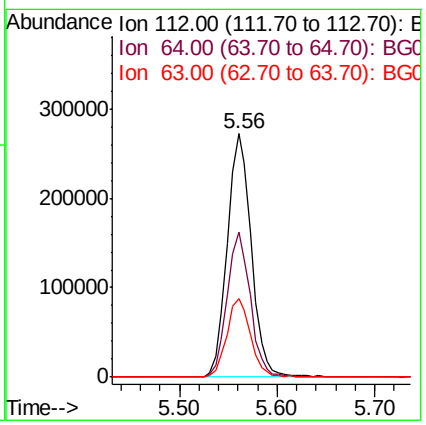


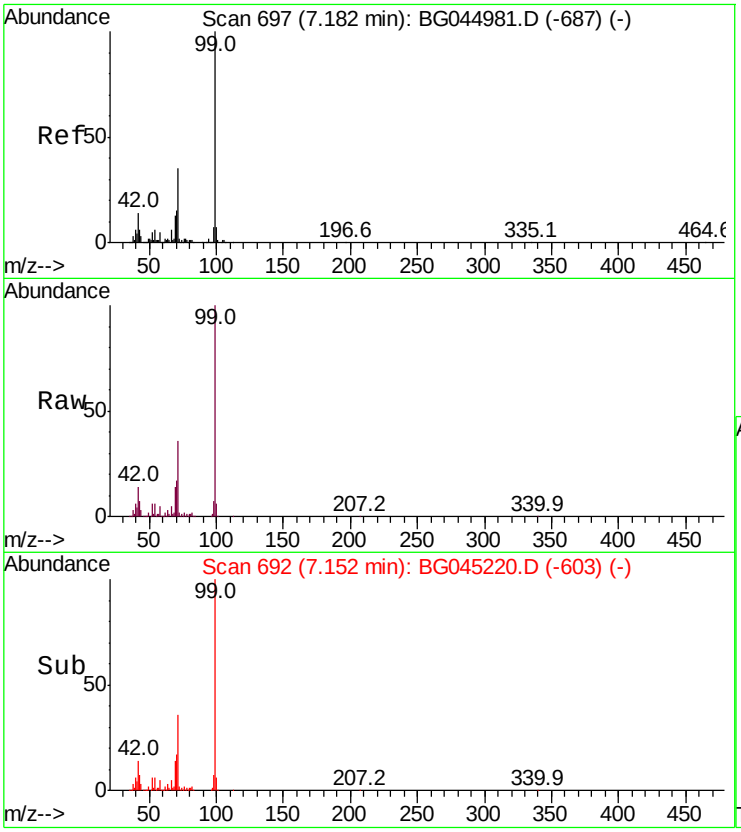


#5
2-Fluorophenol
Concen: 119.591 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Tgt Ion:112 Resp: 464956

Ion	Ratio	Lower	Upper
112	100		
64	59.6	42.4	63.6
63	32.2	23.1	34.7



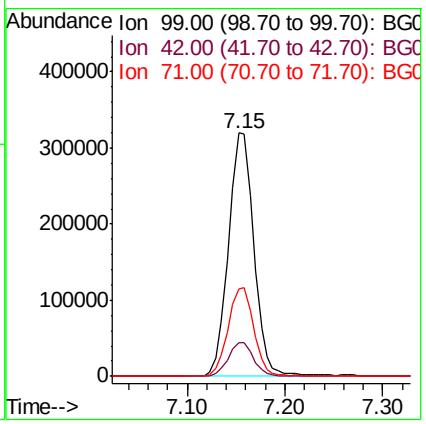


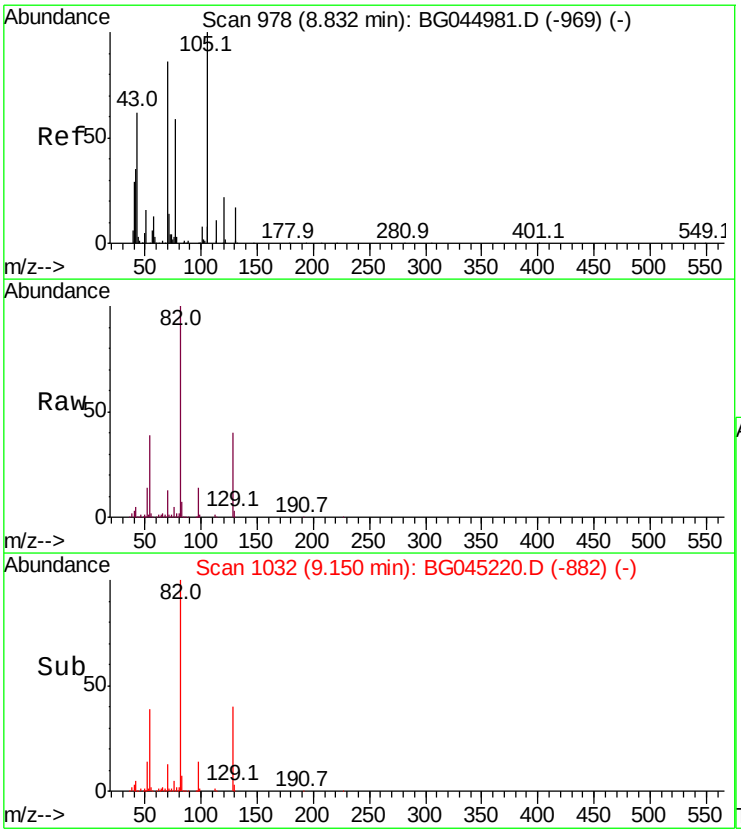
#7
Phenol-d6
Concen: 100.801 ng
RT: 7.15 min Scan# 692
Delta R.T. -0.01 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SU-03-043020

Tgt Ion: 99 Resp: 582270

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.3	16.9
71	36.1	28.3	42.5

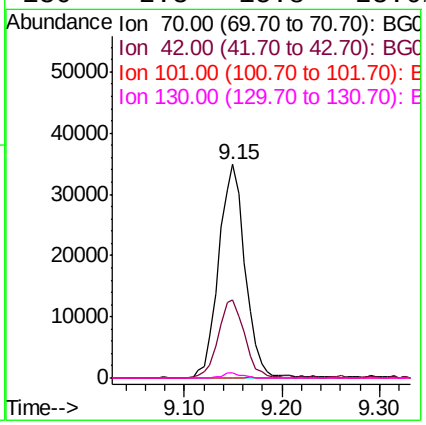


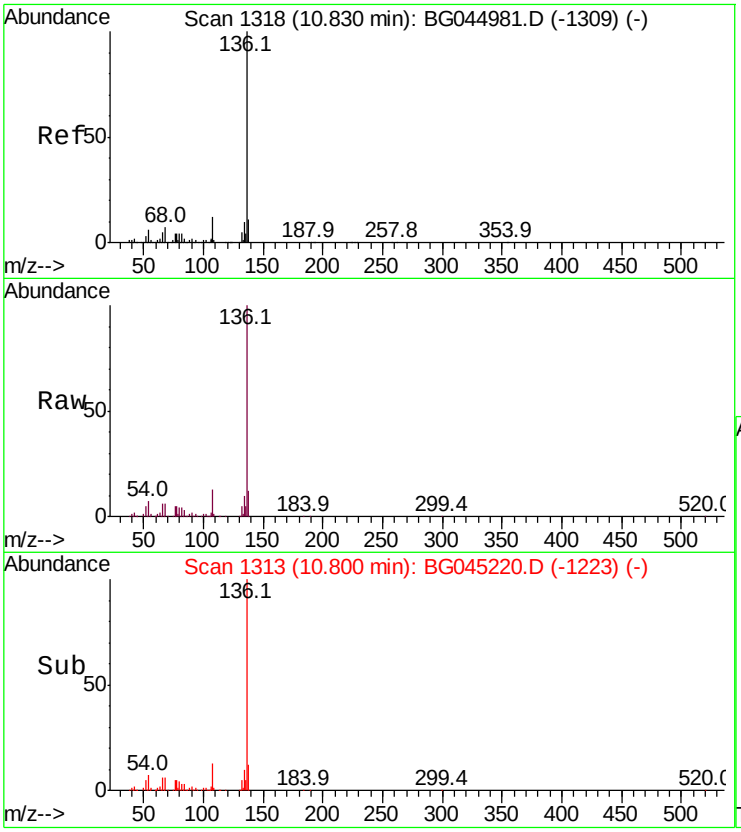


#19
n-Nitroso-di-n-propylamine
Concen: 16.060 ng
RT: 9.15 min Scan# 1032
Delta R.T. 0.35 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Tgt Ion: 70 Resp: 65606

Ion	Ratio	Lower	Upper
70	100		
42	36.5	33.3	49.9
101	0.0	7.8	11.8#
130	2.3	15.8	23.6#



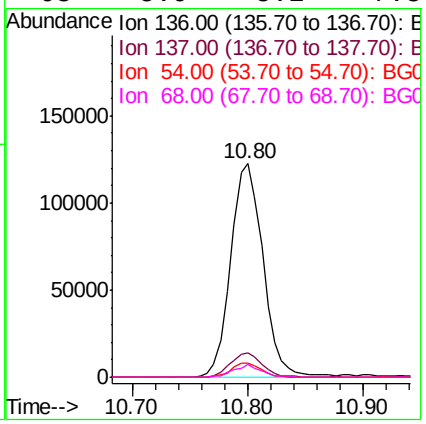


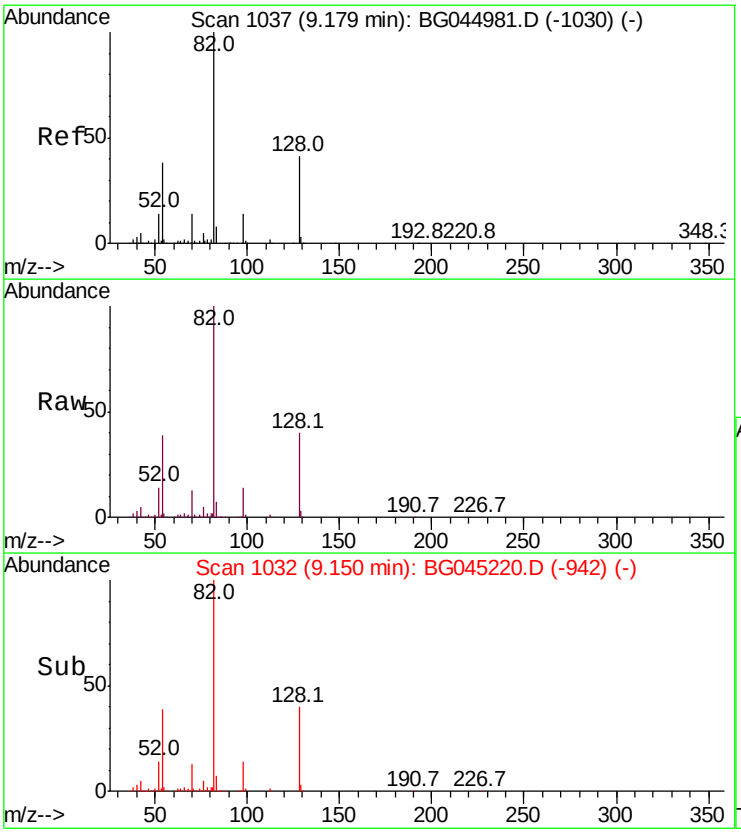
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SU-03-043020

Tgt Ion:136 Resp: 237297

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	6.6	4.8	7.2
68	5.9	5.2	7.8

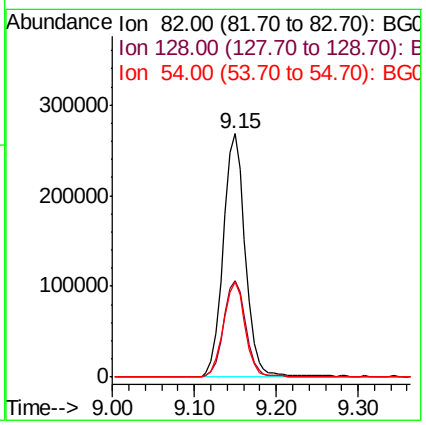


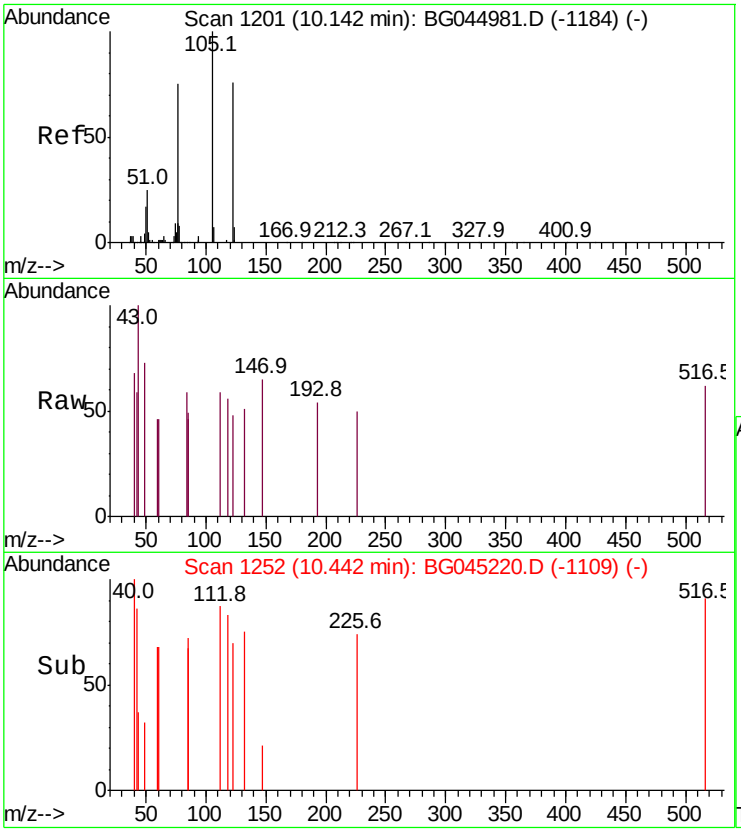


#23
Nitrobenzene-d5
Concen: 96.910 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Tgt Ion: 82 Resp: 503990

Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.0	49.4
54	39.3	30.4	45.6



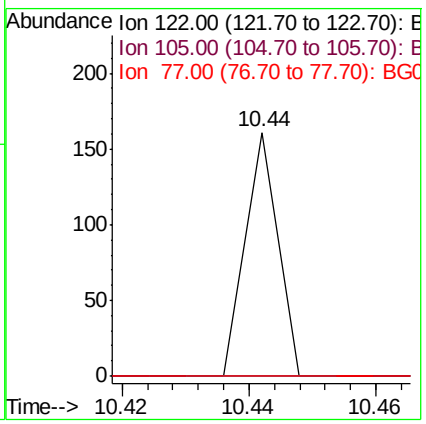


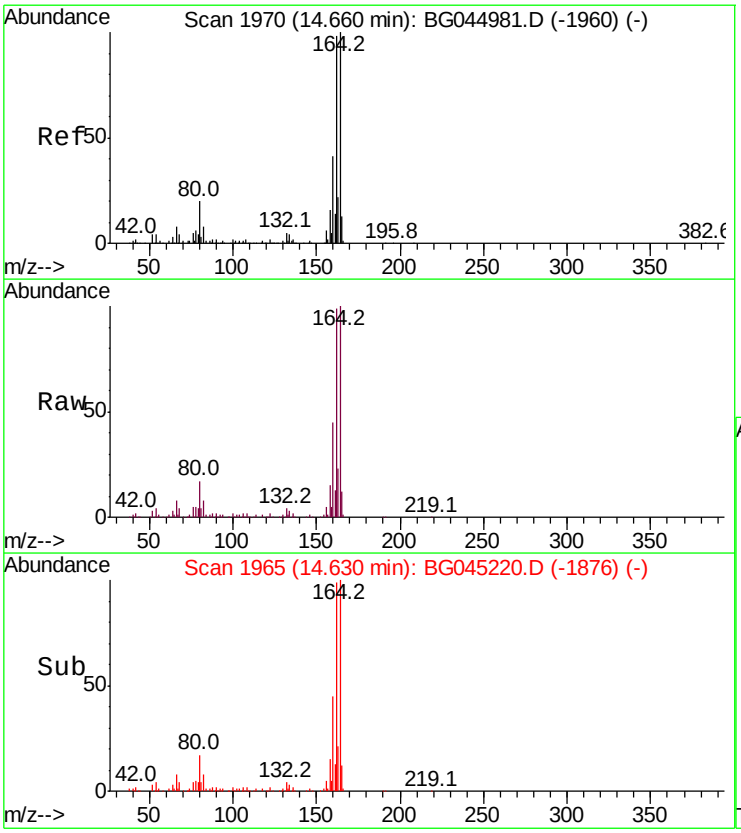
#32
Benzoic acid
Concen: 6.391 ng
RT: 10.44 min Scan# 1252
Delta R.T. 0.31 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SU-03-043020

Tgt Ion:122 Resp: 57

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

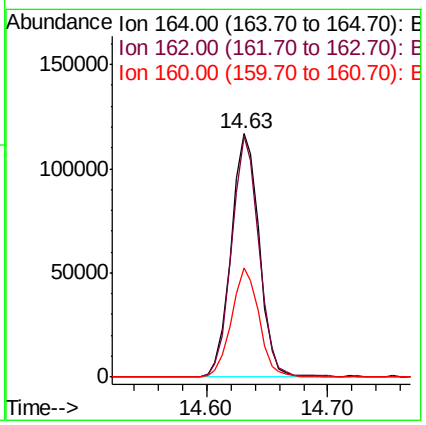


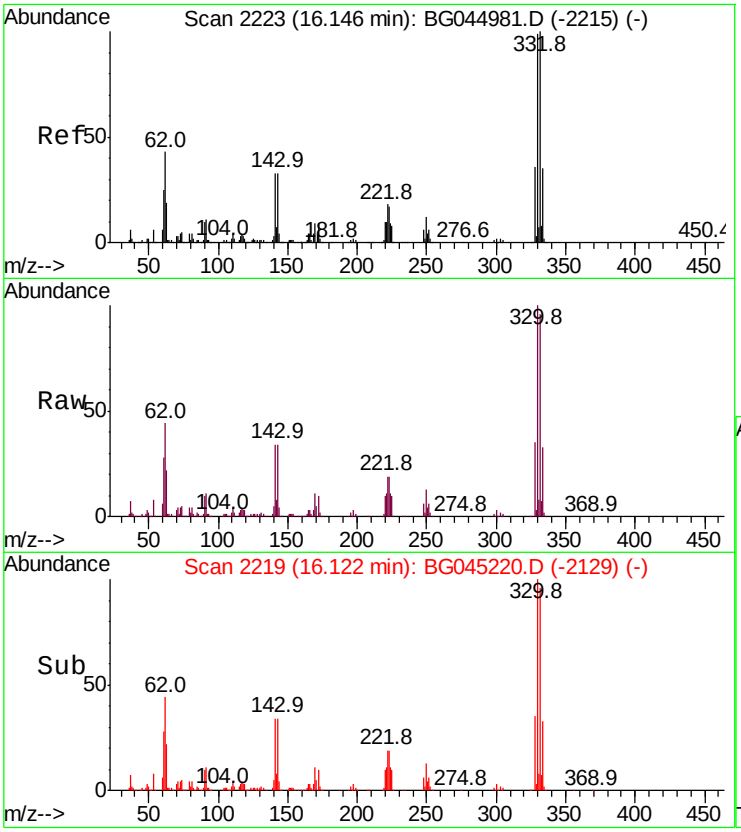


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Tgt Ion:164 Resp: 189532

Ion	Ratio	Lower	Upper
164	100		
162	99.2	78.7	118.1
160	44.8	32.8	49.2



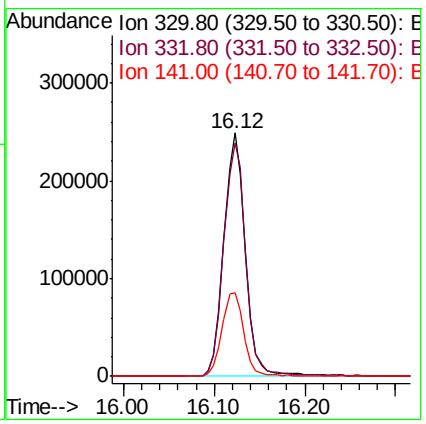


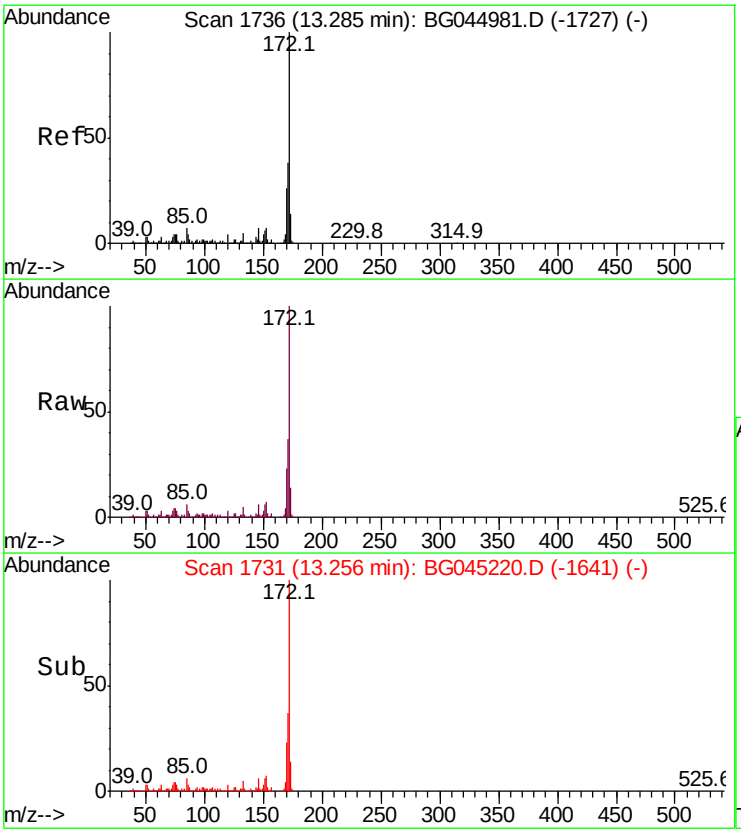
#42
2,4,6-Tribromophenol
Concen: 139.521 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SU-03-043020

Tgt Ion:330 Resp: 408520

Ion	Ratio	Lower	Upper
330	100		
332	98.3	79.1	118.7
141	34.8	27.1	40.7

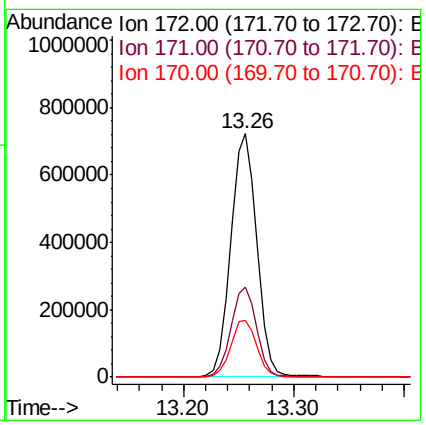


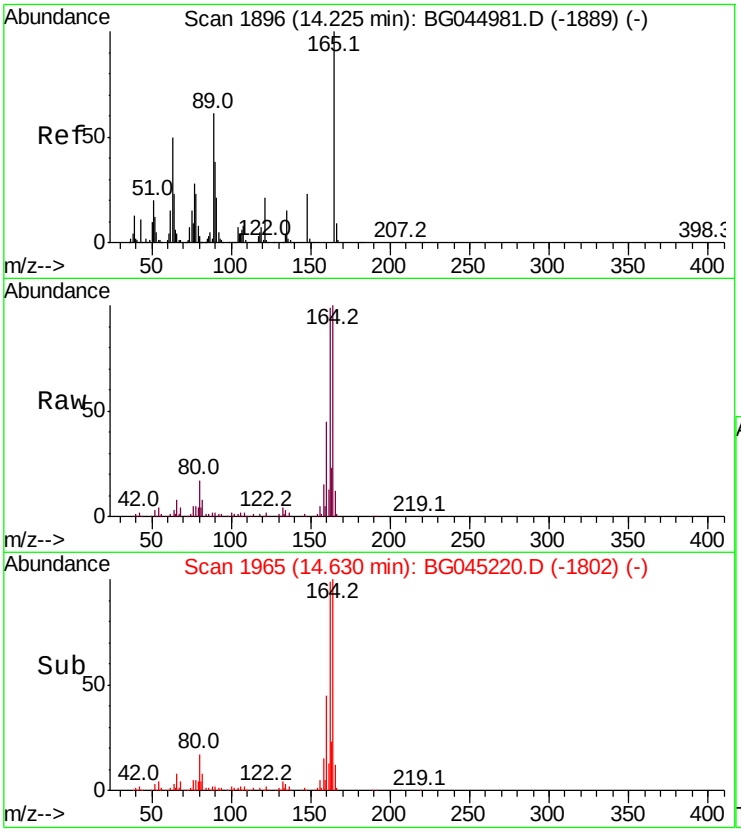


#45
2-Fluorobiphenyl
Concen: 92.697 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Tgt Ion:172 Resp: 1198174

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.6	46.0
170	23.4	20.5	30.7



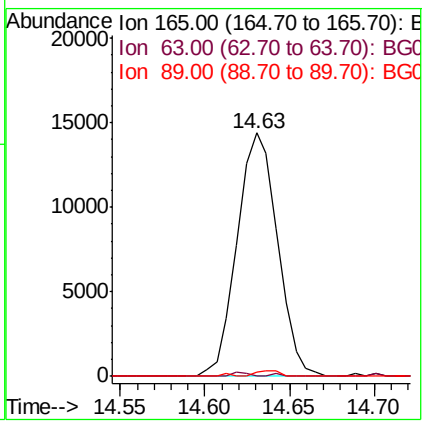


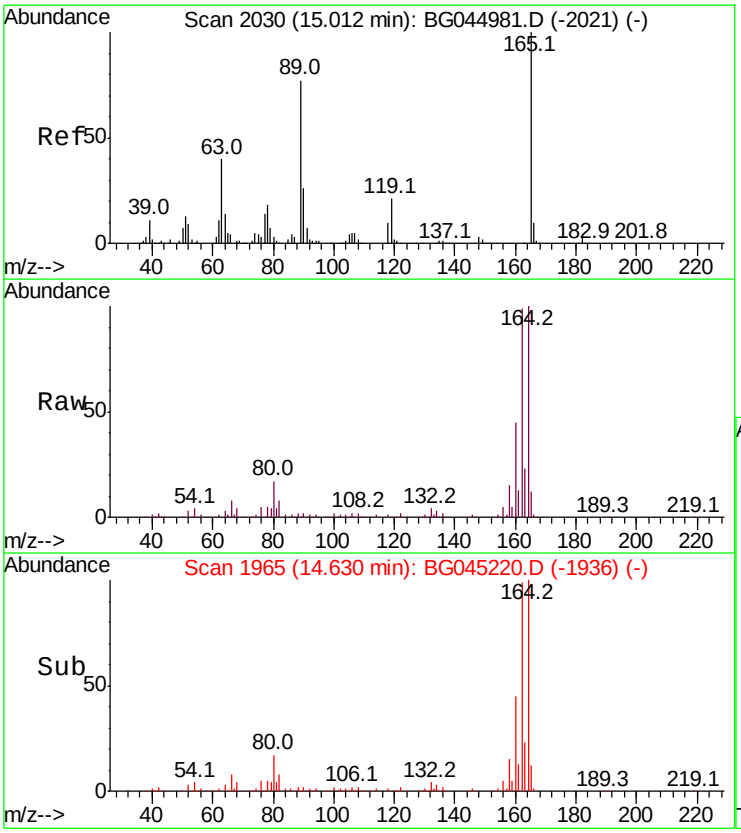
#51
2,6-Dinitrotoluene
Concen: 6.940 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.43 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SU-03-043020

Tgt Ion:165 Resp: 23956

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.4	60.6#
89	1.7	49.1	73.7#

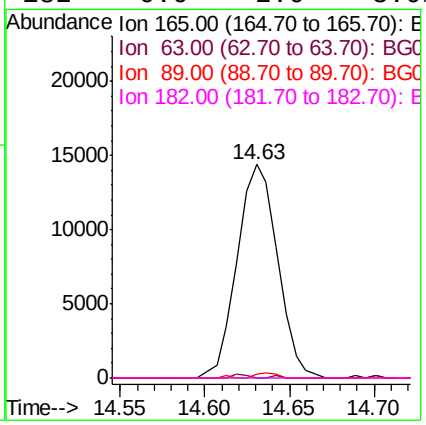


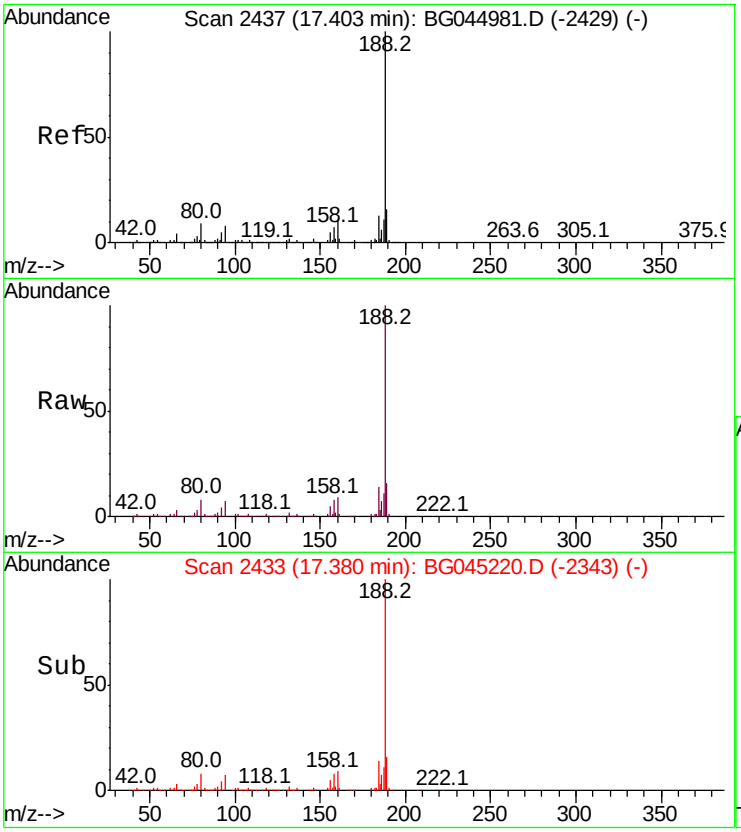


#57
2,4-Dinitrotoluene
Concen: 4.749 ng
RT: 14.63 min Scan# 1965
Delta R.T. -0.36 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Tgt Ion:165 Resp: 23956

Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.2	48.2#
89	1.7	61.7	92.5#
182	0.0	2.0	3.0#



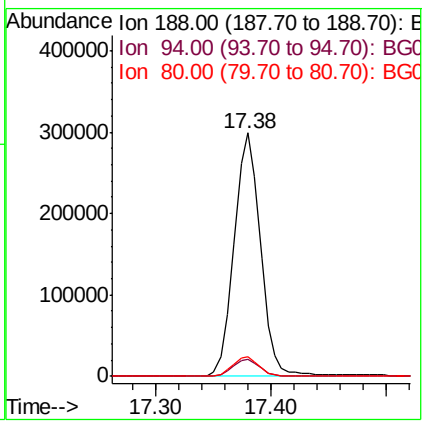


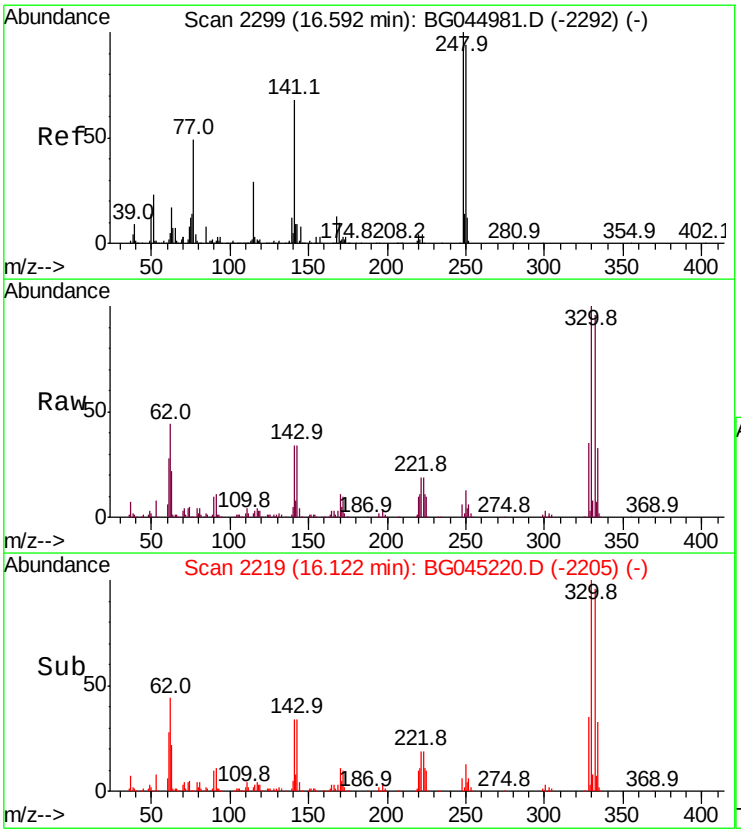
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SU-03-043020

Tgt Ion:188 Resp: 473789

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.4
80	8.3	7.0	10.6

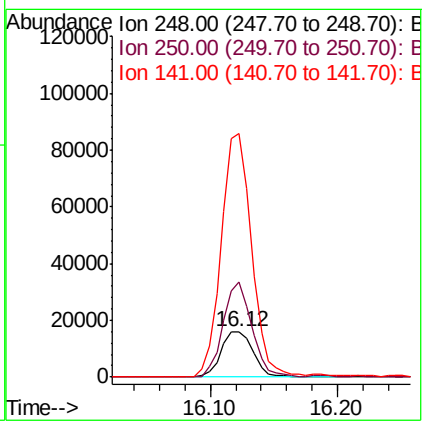


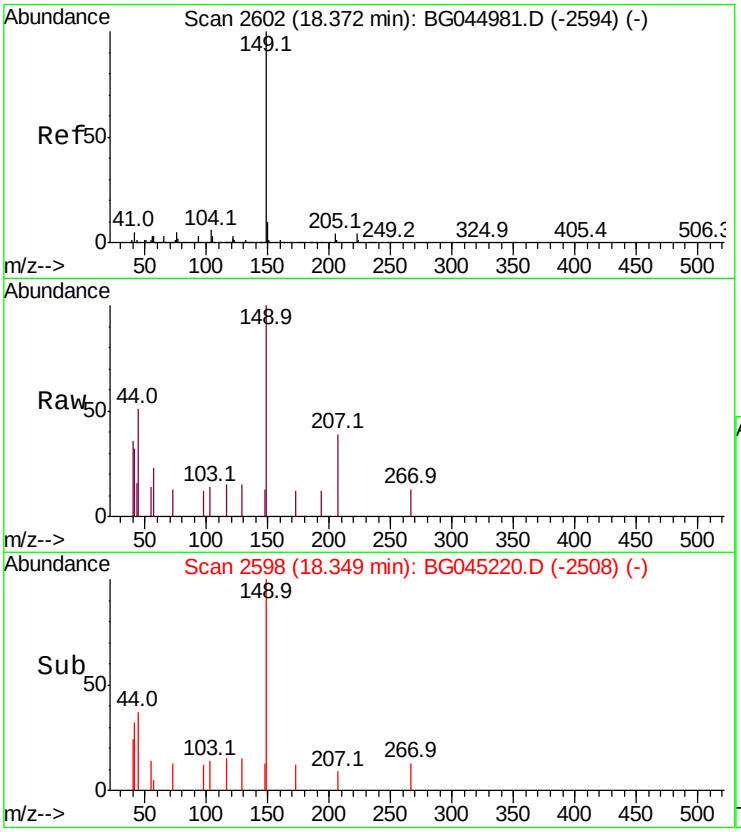


#67
4-Bromophenyl-phenylether
Concen: 4.622 ng
RT: 16.12 min Scan# 2219
Delta R.T. -0.45 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Tgt Ion:248 Resp: 28249

Ion	Ratio	Lower	Upper
248	100		
250	209.0	75.4	113.2#
141	536.9	54.4	81.6#



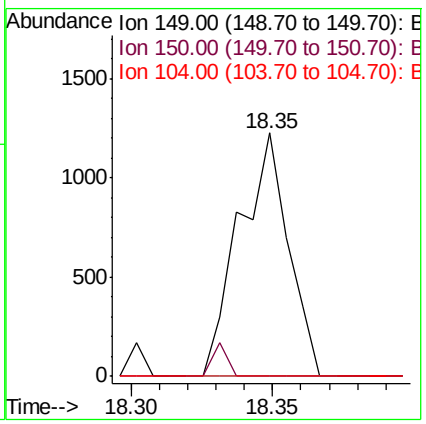


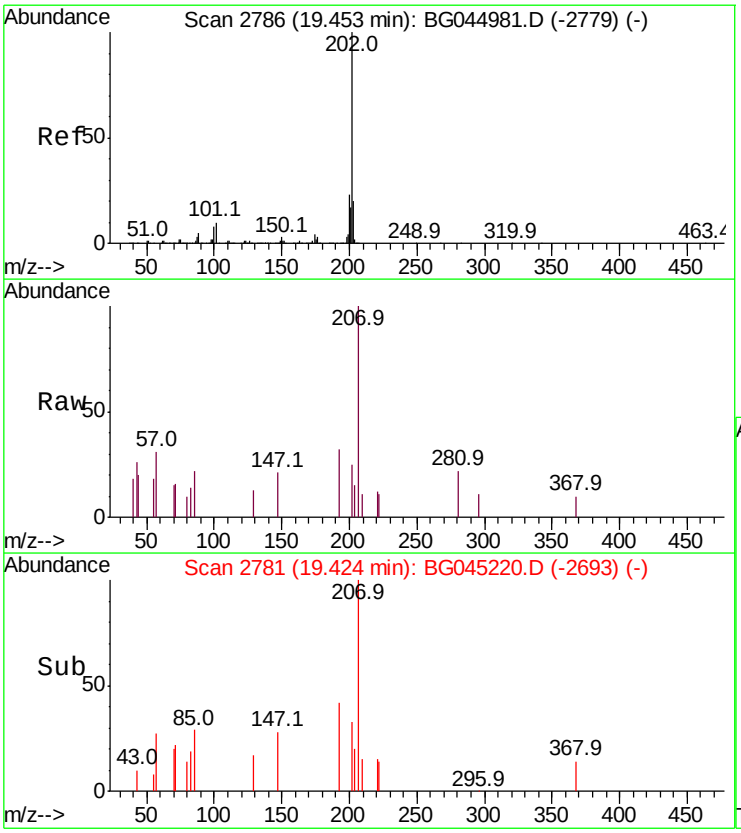
#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.35 min Scan# 2598
Delta R.T. -0.00 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SU-03-043020

Tgt Ion:149 Resp: 1475

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

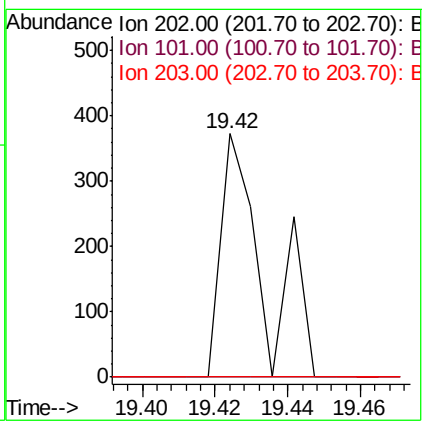


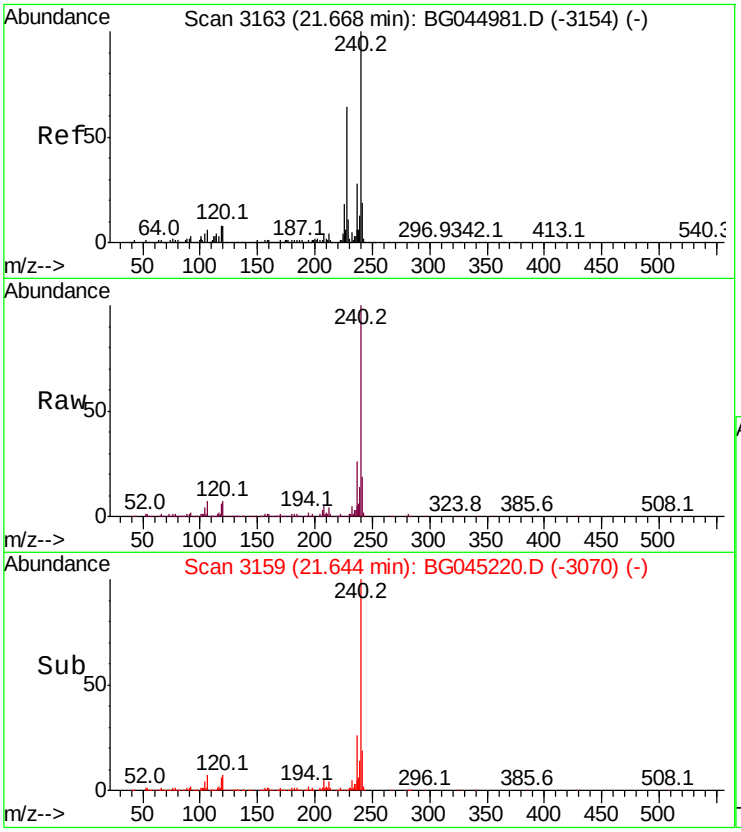


#75
Fluoranthene
Concen: Below Cal
RT: 19.42 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Tgt Ion:202 Resp: 310

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



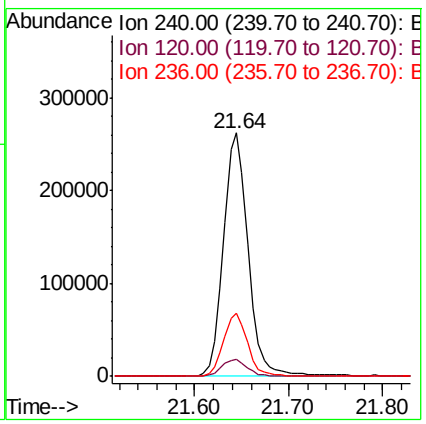


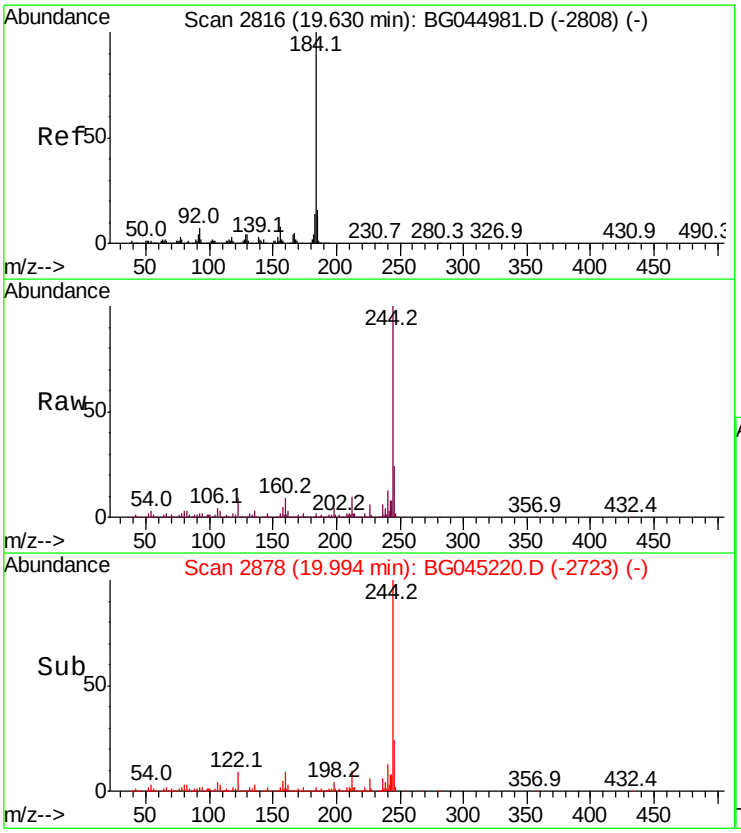
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SU-03-043020

Tgt Ion:240 Resp: 477101

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.6	10.0
236	25.9	22.2	33.2

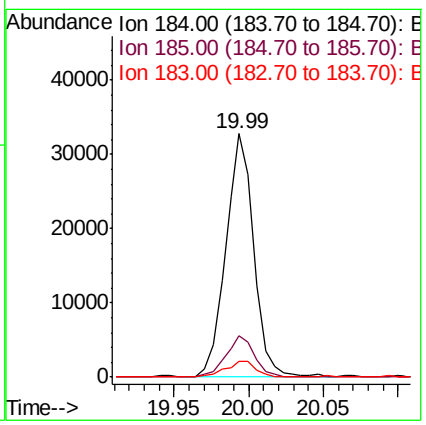


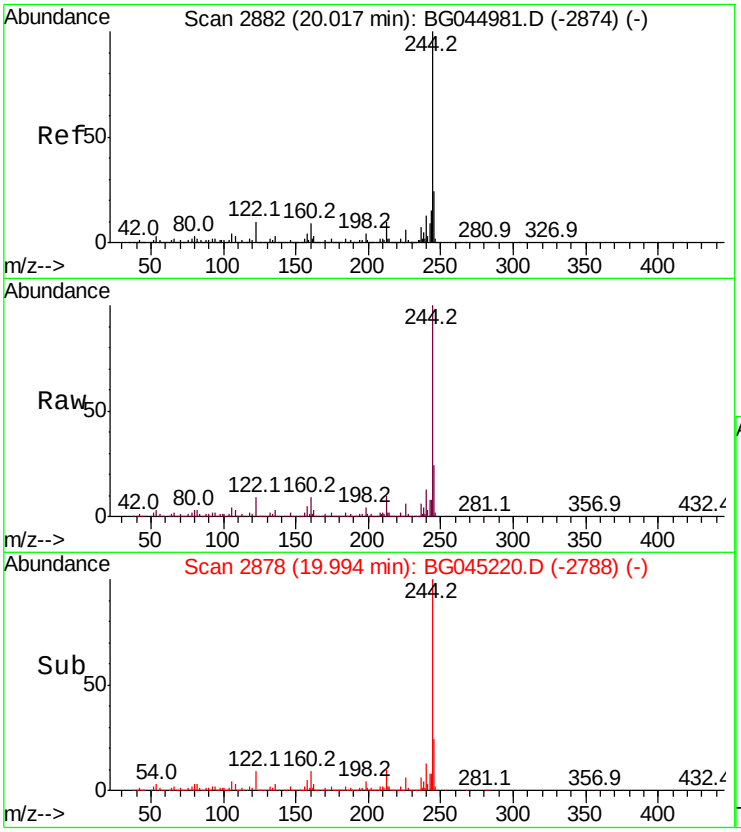


#77
Benzidine
Concen: Below Cal
RT: 19.99 min Scan# 2878
Delta R.T. 0.38 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Tgt Ion:184 Resp: 42939

Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.6	19.0
183	6.5	11.3	16.9#



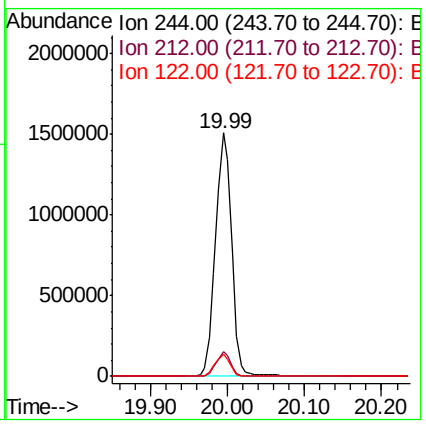


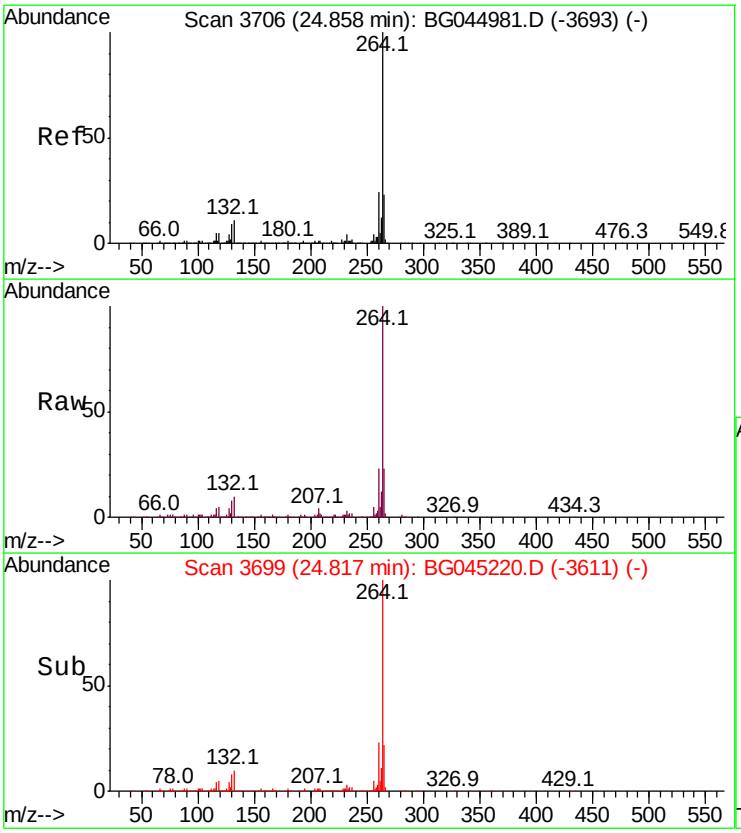
#79
Terphenyl-d14
Concen: 99.552 ng
RT: 19.99 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SU-03-043020

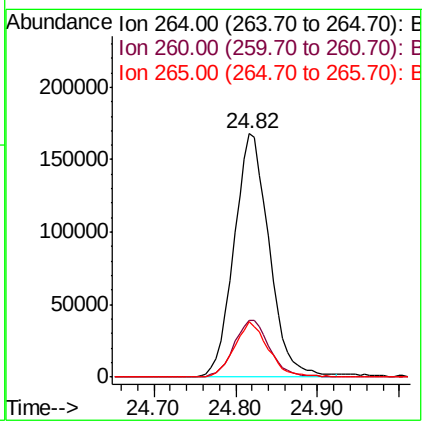
Tgt Ion:244 Resp: 2179175

Ion	Ratio	Lower	Upper
244	100		
212	10.0	7.9	11.9
122	8.9	7.7	11.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG045220.D
Acq: 1 May 2020 17:37

Tgt Ion:264 Resp: 502927

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.6	19.0	28.4