Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG045001.D
Acq On : 16 Apr 2020 3:34
Operator : CG/JU
Sample : L2278-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CHASSIS-WASH

Quant Time: Apr 16 05:05:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	65097	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	277674	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	221251	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	534654	20.00	ng		0.00
76) Chrysene-d12	21.66	240	504610	20.00	ng		0.00
87) Perylene-d12	24.85	264	550464	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	465802	118.13	ng		0.00
7) Phenol-d6	7.18	99	685766	117.06	ng		0.00
23) Nitrobenzene-d5	9.18	82	536838	88.22	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	521072	152.45	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1371796	90.91	ng		0.00
79) Terphenyl-d14	20.01	244	2390092	103.24	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	3.76	42	6010	3.636	ng	#	1
9) Benzaldehyde	7.15	77	8662	Below Cal		#	86
10) Phenol	7.21	94	20189	3.444	ng	#	71
15) Benzyl Alcohol	8.26	79	186029	37.875	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.66	45	17743	3.873	ng		66
17) 2-Methylphenol	8.46	107	9316	2.060	ng		90
20) 3+4-Methylphenols	8.79	107	67632	10.683	ng		93
27) 2,4-Dimethylphenol	10.13	122	110321	25.876	ng	#	2
32) Benzoic acid	10.13	122	110321	34.152	ng		94
36) 4-Chloro-3-methylphenol	12.16	107	22756	3.935	ng	#	24
57) 2,4-Dinitrotoluene	14.65	165	28994	4.924	ng	#	22
67) 4-Bromophenyl-phenylether	16.14	248	35985	5.217	ng	#	1
69) Atrazine	16.85	200	84	Below Cal		#	35
74) Di-n-butylphthalate	18.37	149	3073	Below Cal		#	80
75) Fluoranthene	19.45	202	946	Below Cal			62
77) Benzidine	19.38	184	5296	Below Cal		#	89

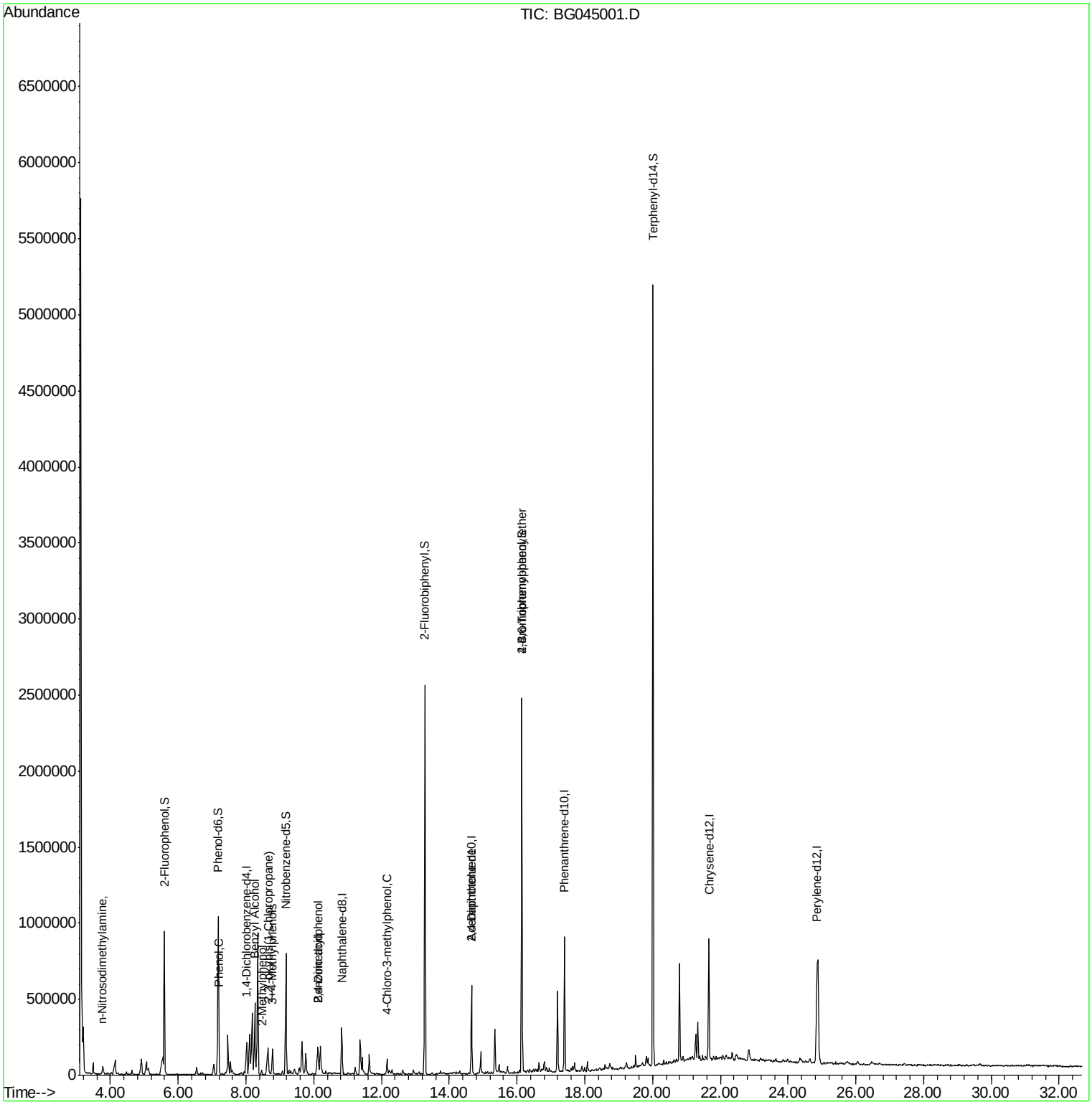
(#) = qualifier out of range (m) = manual integration (+) = signals summed

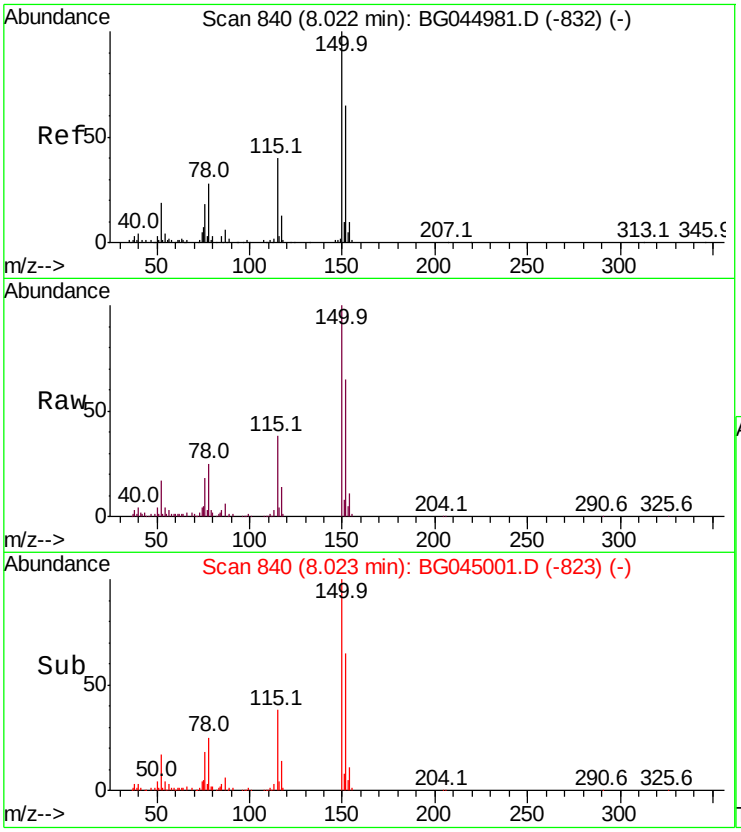
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041520\
Data File : BG045001.D
Acq On : 16 Apr 2020 3:34
Operator : CG/JU
Sample : L2278-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Quant Time: Apr 16 05:05:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 17:57:00 2020
Response via : Initial Calibration



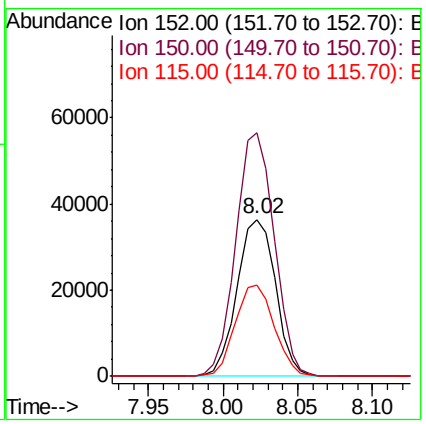


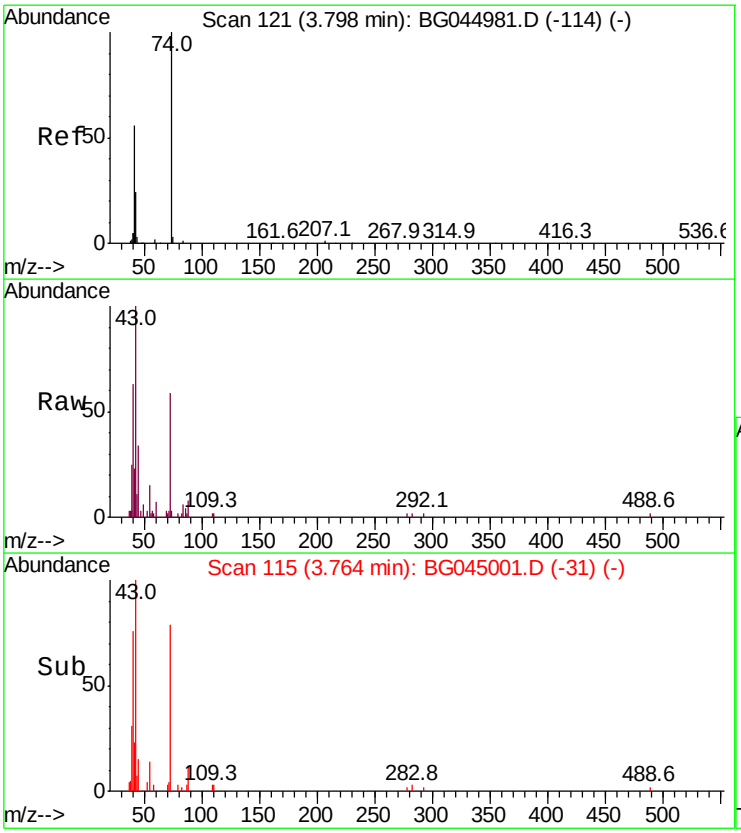
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion:152 Resp: 65097

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.6	185.4
115	58.5	49.1	73.7

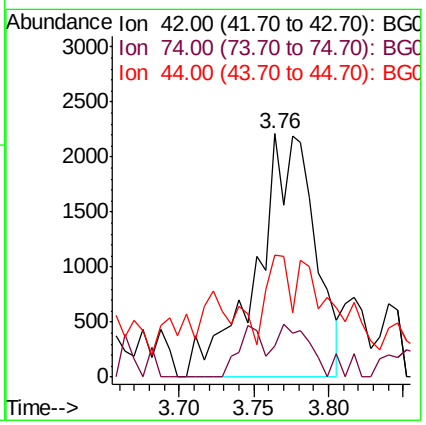


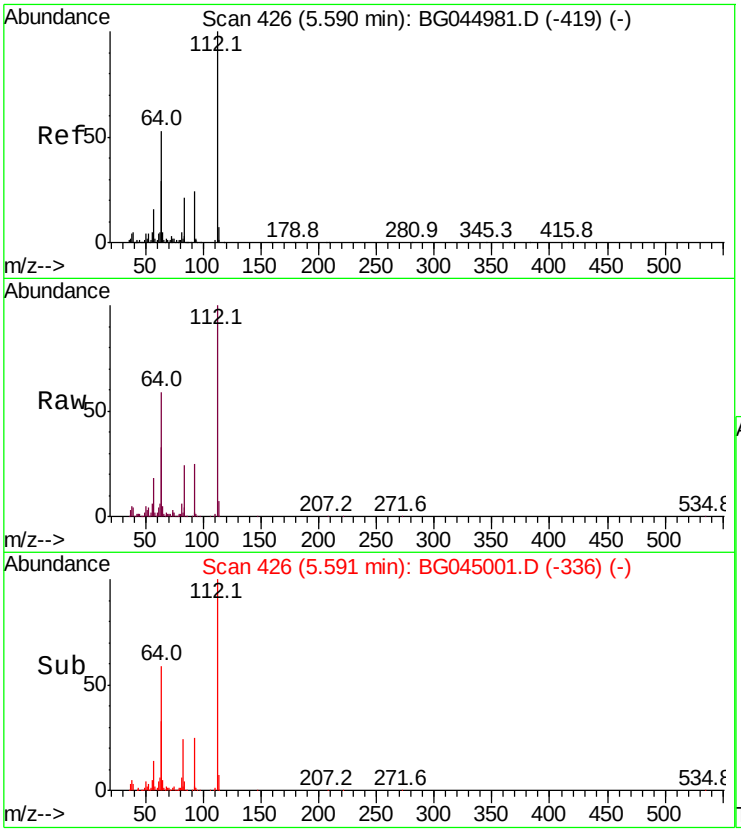


#4
n-Nitrosodimethylamine
Concen: 3.636 ng
RT: 3.76 min Scan# 115
Delta R.T. -0.03 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion: 42 Resp: 6010

Ion	Ratio	Lower	Upper
42	100		
74	12.7	143.0	214.6#
44	50.3	4.6	6.8#



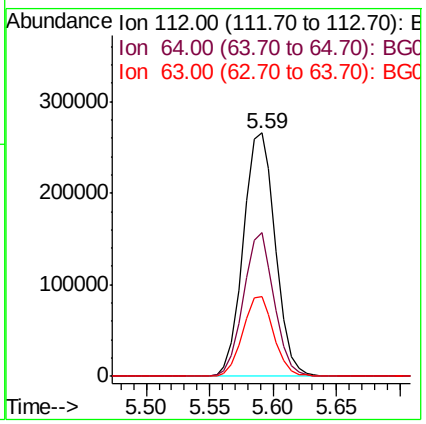


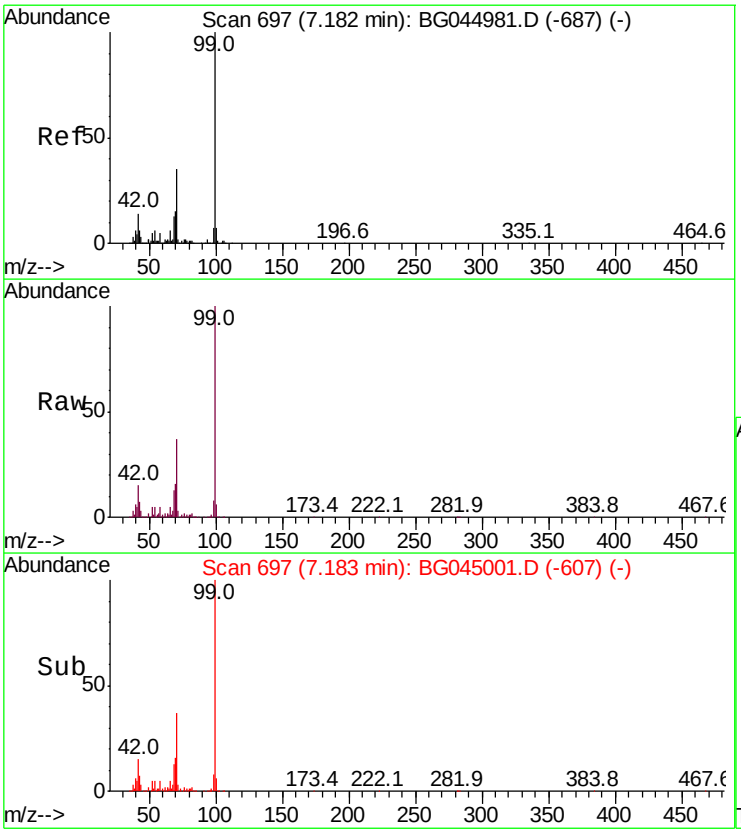
#5
2-Fluorophenol
Concen: 118.134 ng
RT: 5.59 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion:112 Resp: 465802

Ion	Ratio	Lower	Upper
112	100		
64	58.8	42.4	63.6
63	32.8	23.1	34.7

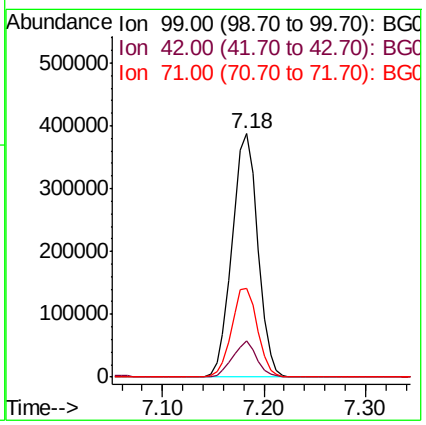


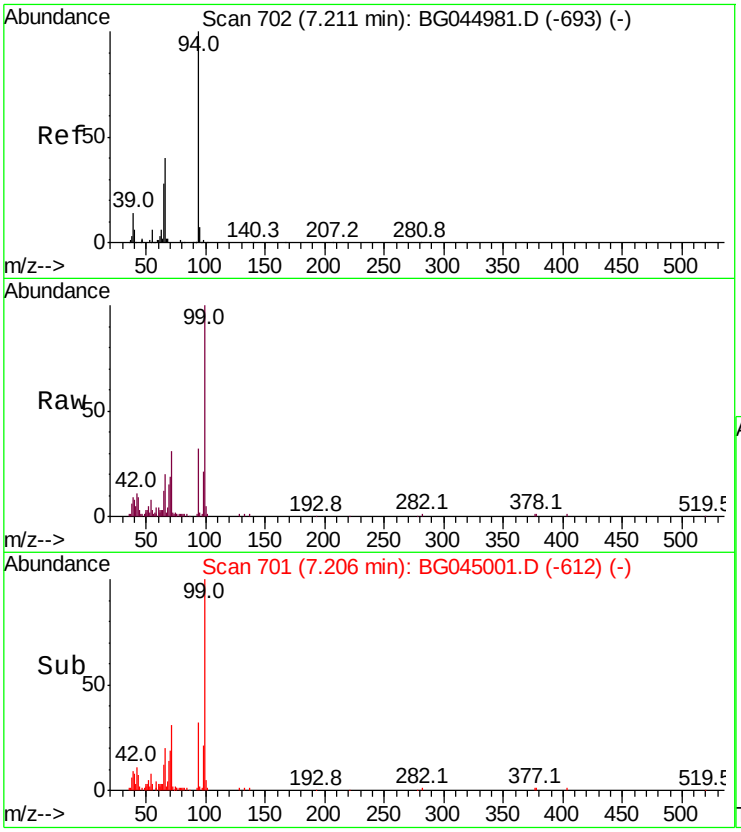


#7
Phenol-d6
Concen: 117.058 ng
RT: 7.18 min Scan# 697
Delta R.T. 0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion: 99 Resp: 685766

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.3	16.9
71	36.6	28.3	42.5



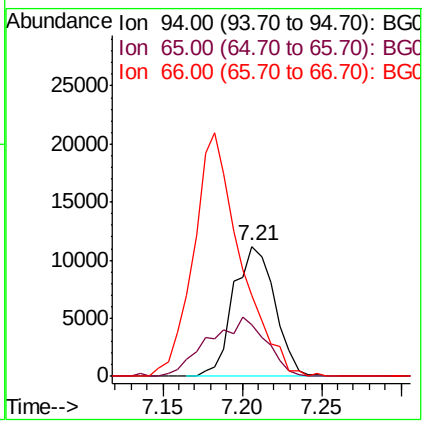


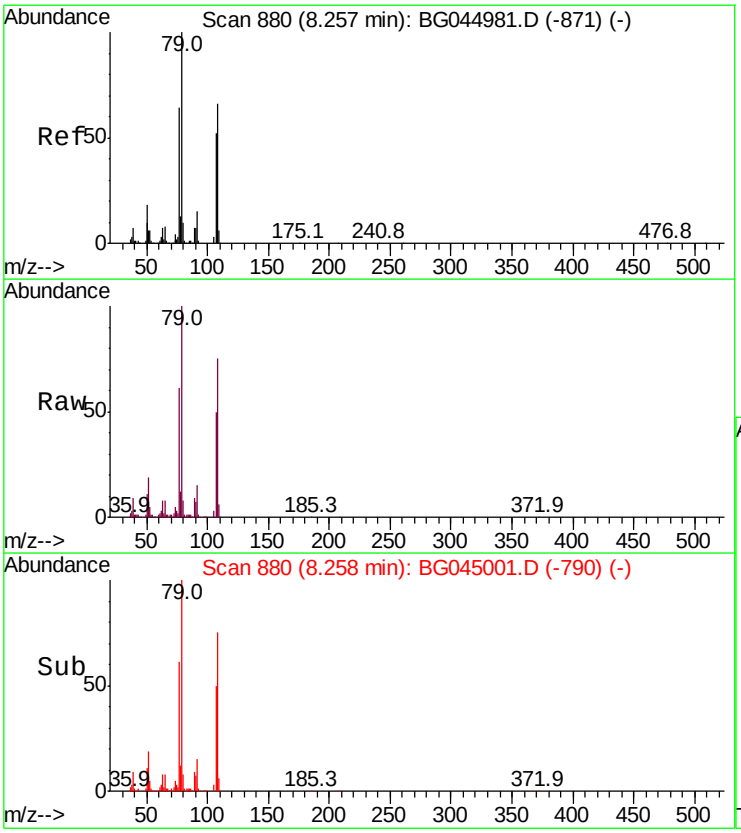
#10
Phenol
Concen: 3.444 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion: 94 Resp: 20189

Ion	Ratio	Lower	Upper
94	100		
65	39.2	8.2	48.2
66	61.9	20.4	60.4#

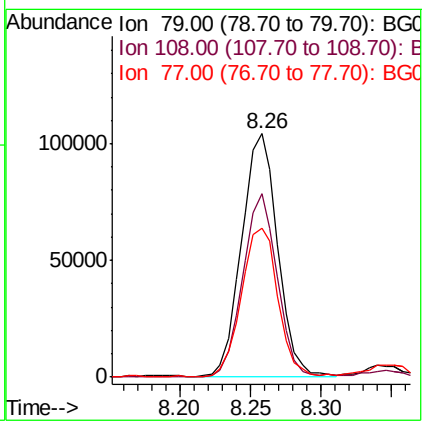


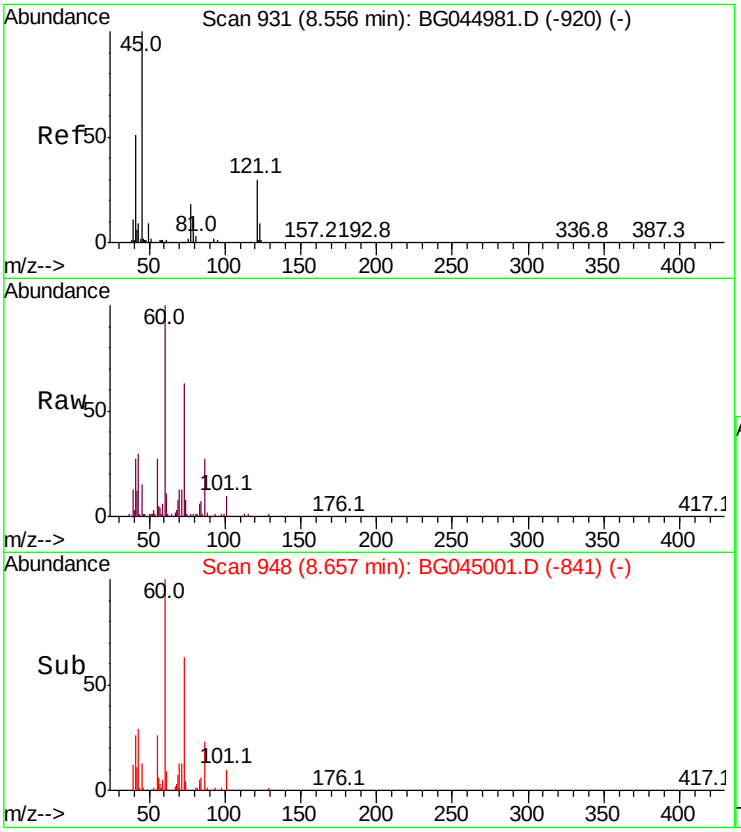


#15
Benzyl Alcohol
Concen: 37.875 ng
RT: 8.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion: 79 Resp: 186029

Ion	Ratio	Lower	Upper
79	100		
108	75.1	52.7	79.1
77	61.3	51.3	76.9



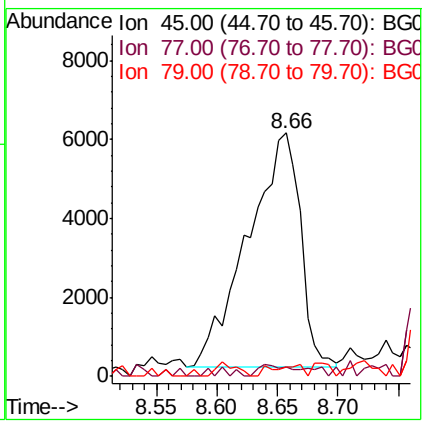


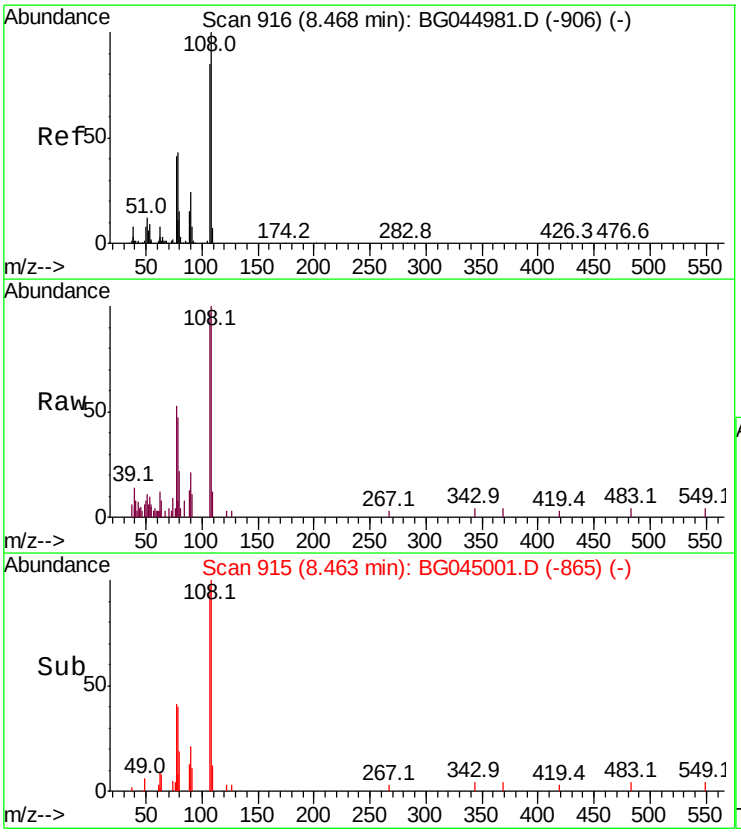
#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.873 ng
RT: 8.66 min Scan# 948
Delta R.T. 0.10 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion: 45 Resp: 17743

Ion	Ratio	Lower	Upper
45	100		
77	4.0	1.9	41.9
79	3.6	0.0	35.5

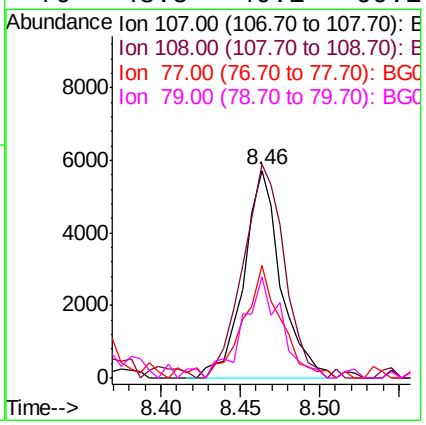


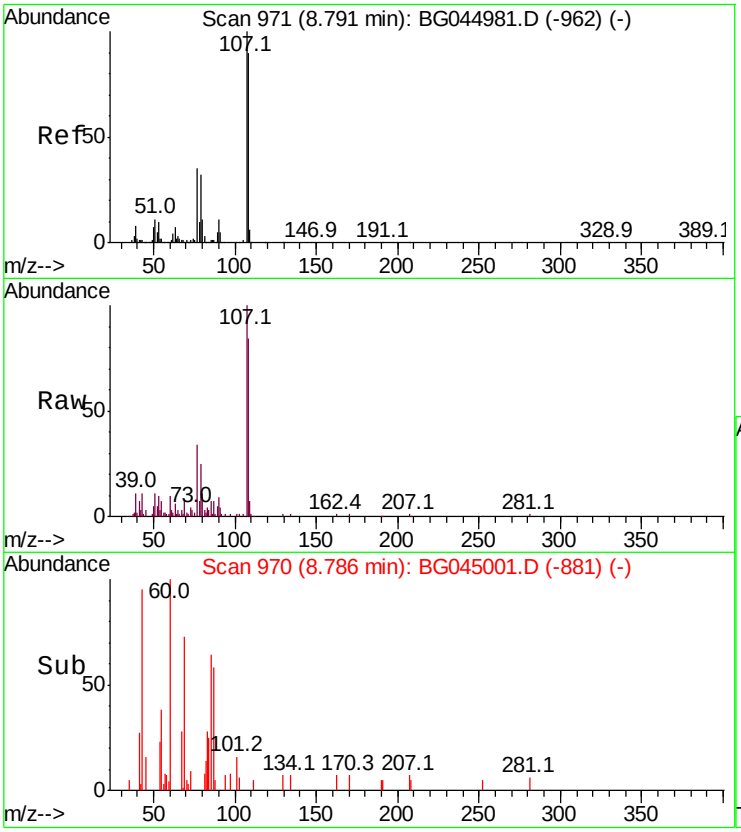


#17
2-Methylphenol
Concen: 2.060 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion:107 Resp: 9316

Ion	Ratio	Lower	Upper
107	100		
108	102.8	93.8	140.6
77	54.3	38.5	57.7
79	48.5	40.1	60.1



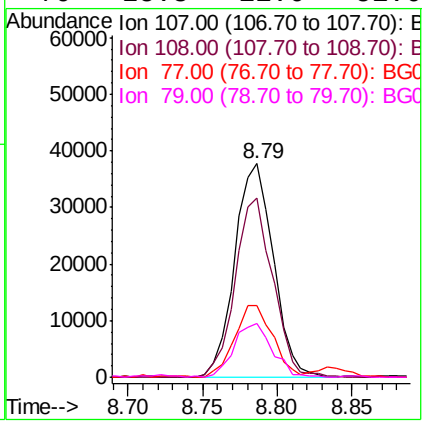


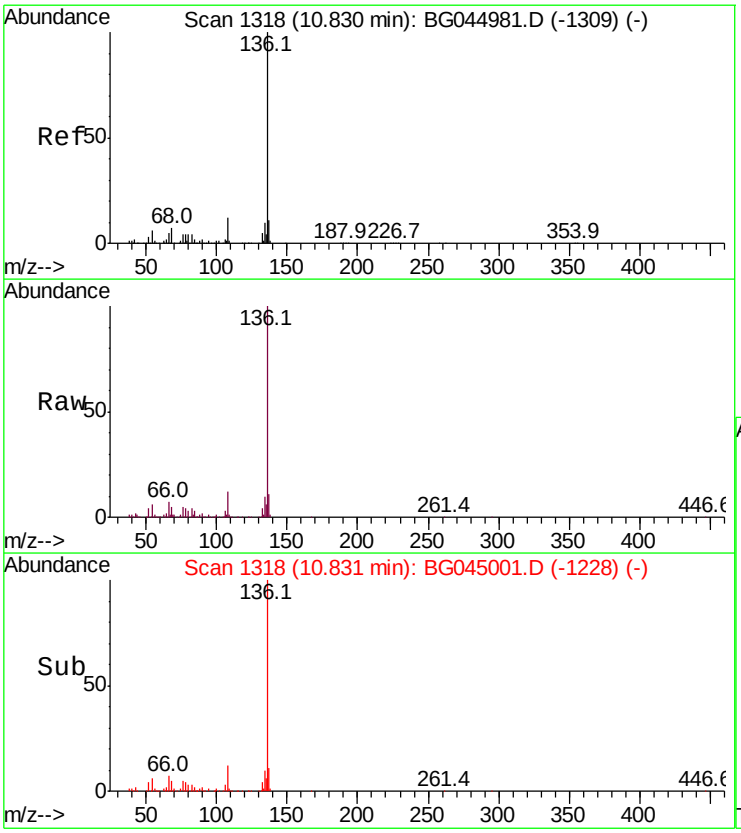
#20
3+4-Methylphenols
Concen: 10.683 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion:107 Resp: 67632

Ion	Ratio	Lower	Upper
107	100		
108	83.7	69.9	109.9
77	33.5	15.2	55.2
79	25.3	11.6	51.6

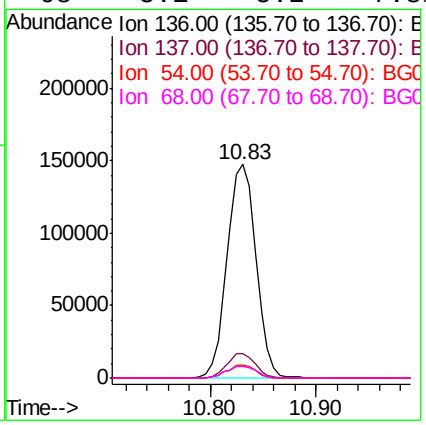


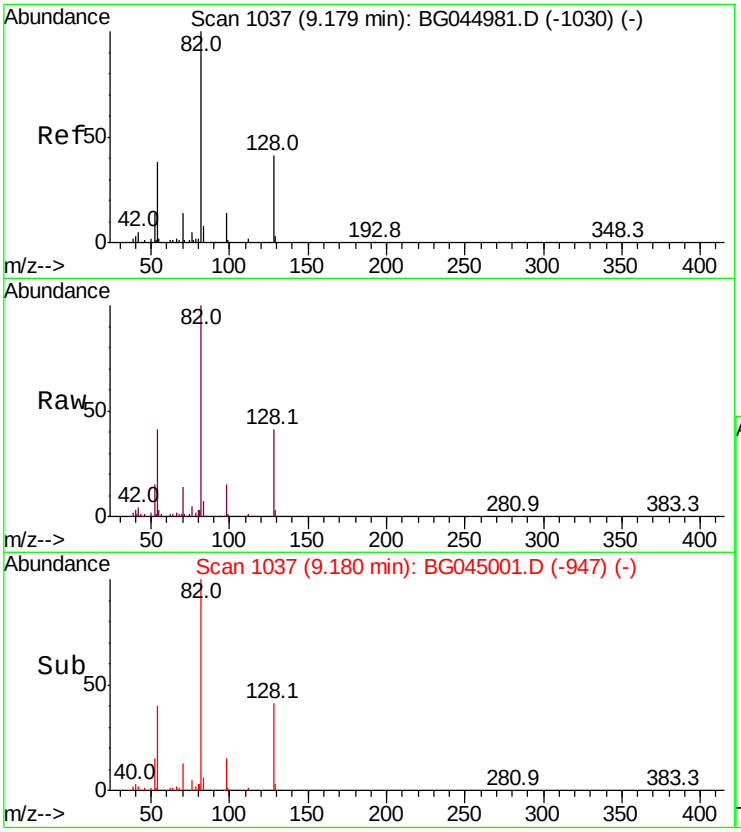


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion:136 Resp: 277674

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	5.8	4.8	7.2
68	5.1	5.2	7.8#



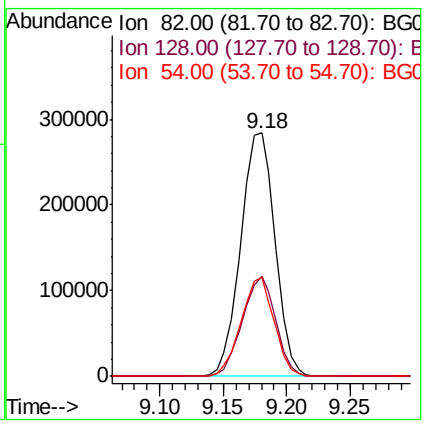


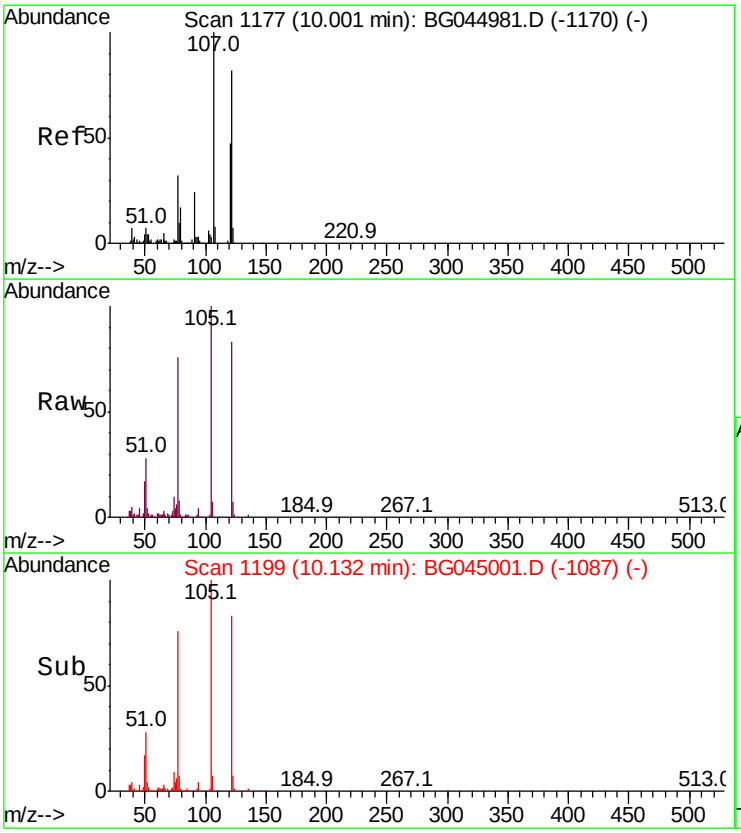
#23
Nitrobenzene-d5
Concen: 88.216 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion: 82 Resp: 536838

Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	40.6	30.4	45.6

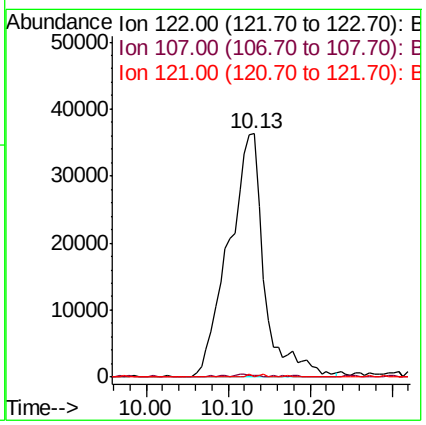


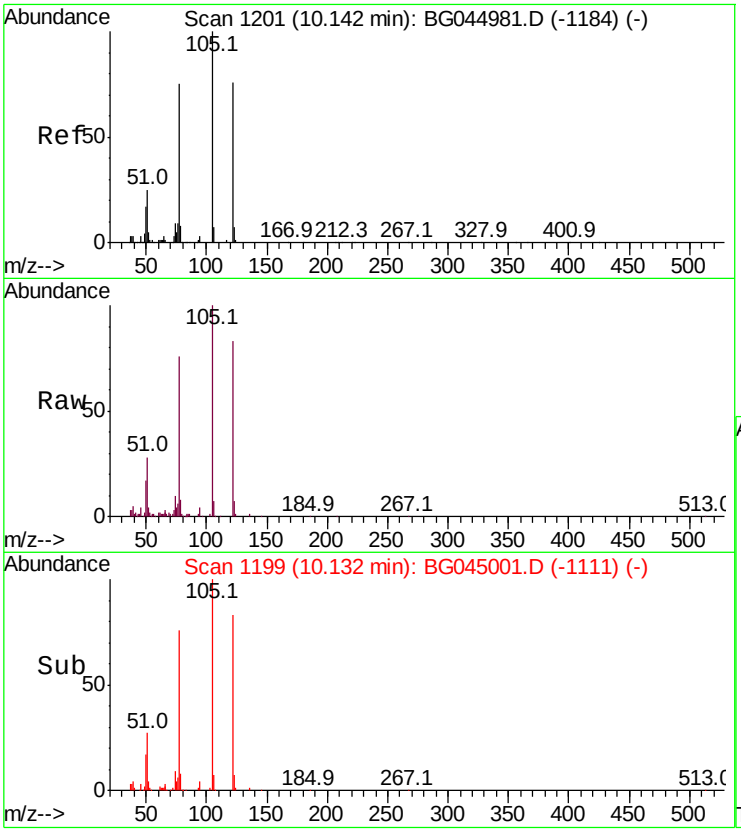


#27
2,4-Dimethylphenol
Concen: 25.876 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.13 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion:122 Resp: 110321

Ion	Ratio	Lower	Upper
122	100		
107	0.6	96.8	145.2#
121	0.0	45.6	68.4#



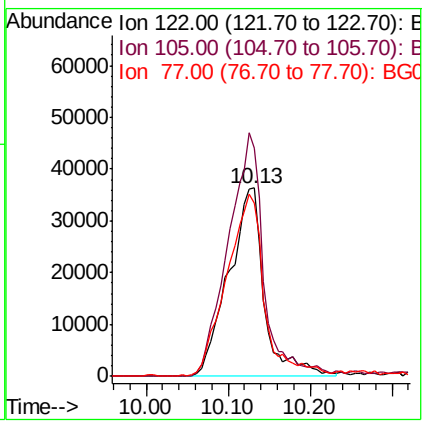


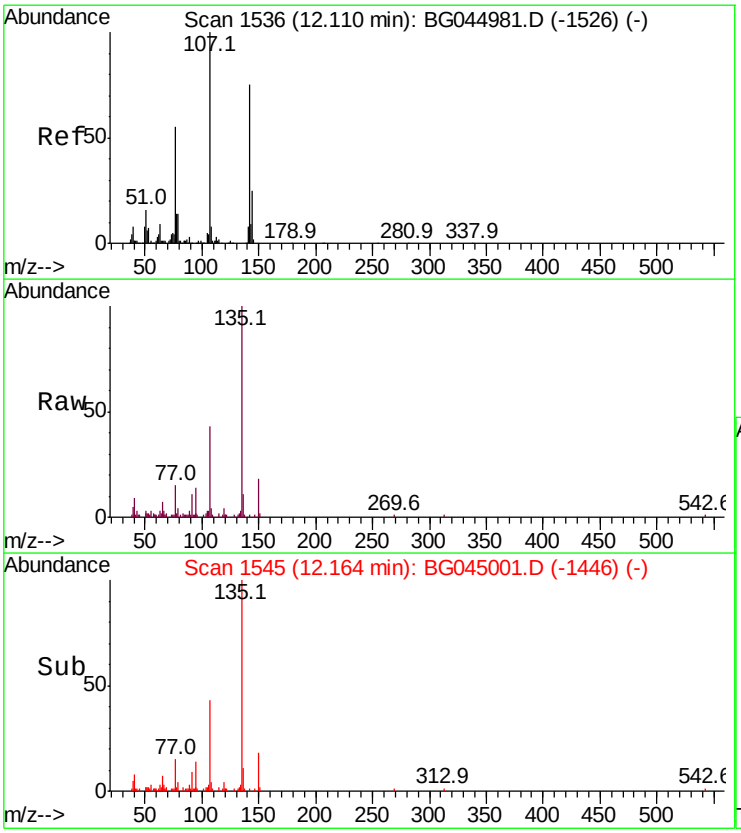
#32
Benzoic acid
Concen: 34.152 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion:122 Resp: 110321

Ion	Ratio	Lower	Upper
122	100		
105	121.1	108.4	148.4
77	92.2	78.8	118.8

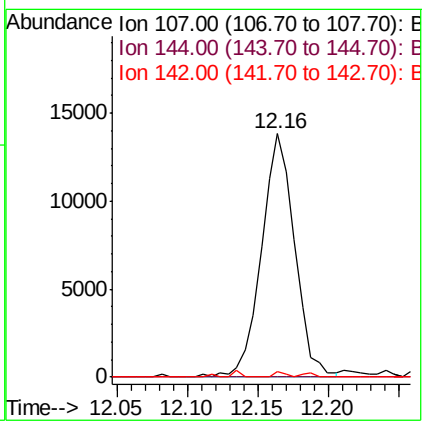


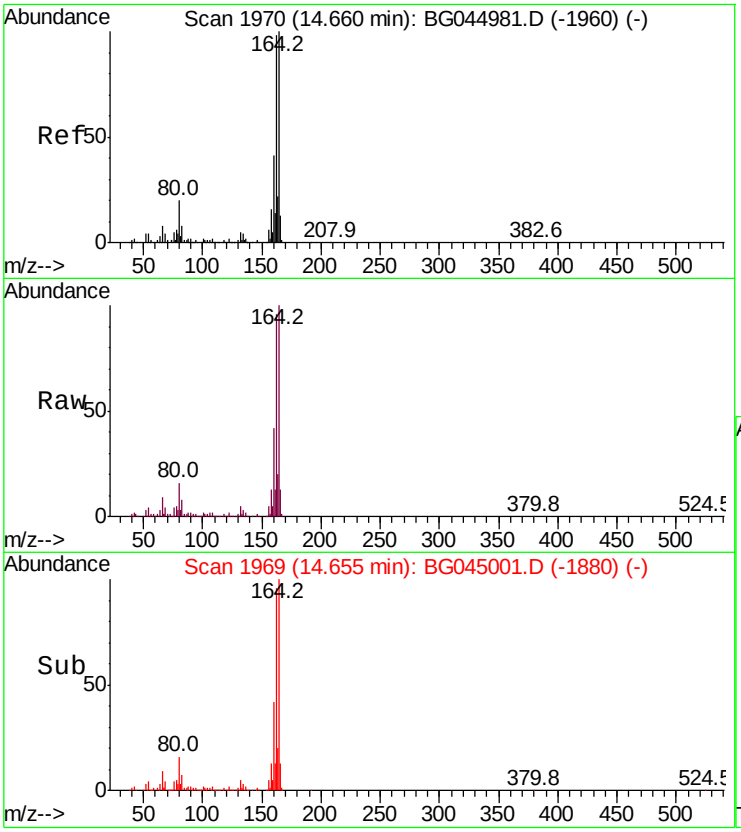


#36
4-Chloro-3-methylphenol
Concen: 3.935 ng
RT: 12.16 min Scan# 1545
Delta R.T. 0.05 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion:107 Resp: 22756

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.6#
142	2.2	59.7	89.5#



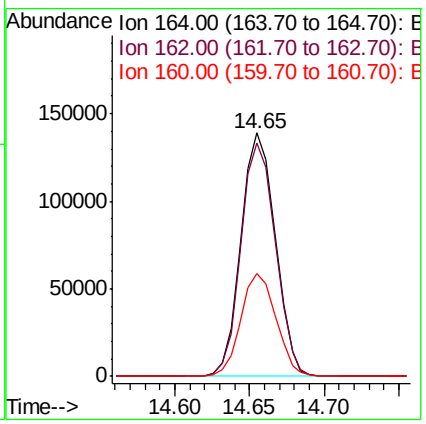


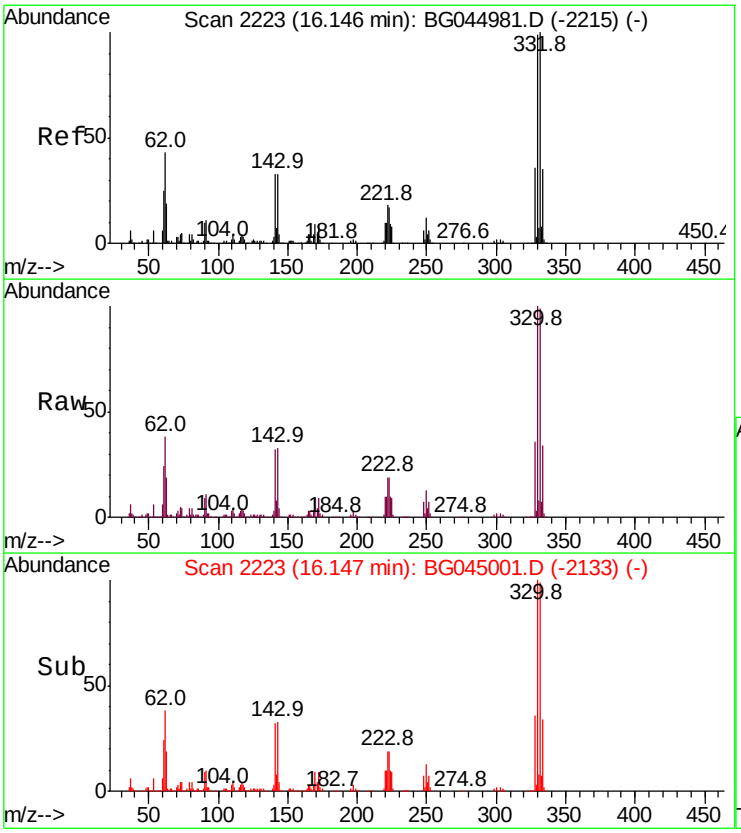
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion:164 Resp: 221251

Ion	Ratio	Lower	Upper
164	100		
162	96.0	78.7	118.1
160	42.1	32.8	49.2

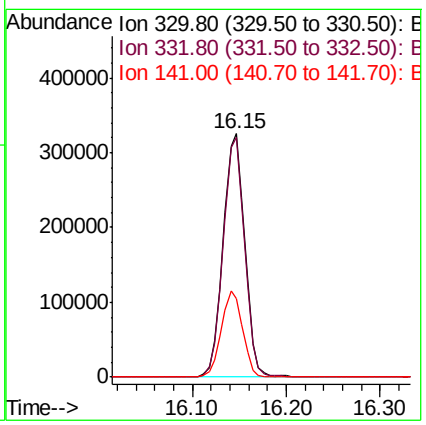


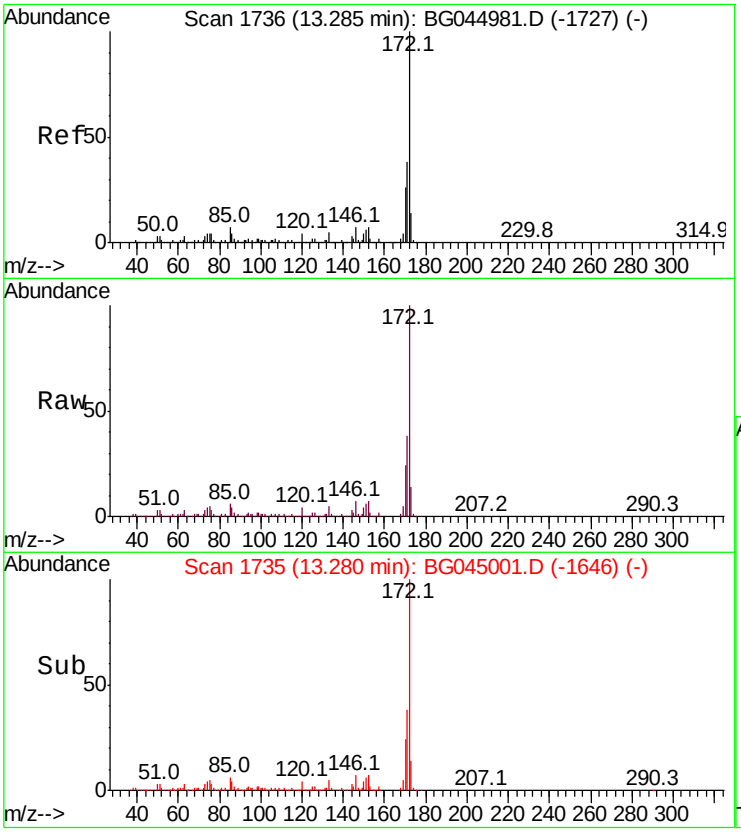


#42
2,4,6-Tribromophenol
Concen: 152.448 ng
RT: 16.15 min Scan# 2223
Delta R.T. 0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion:330 Resp: 521072

Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.1	118.7
141	35.0	27.1	40.7



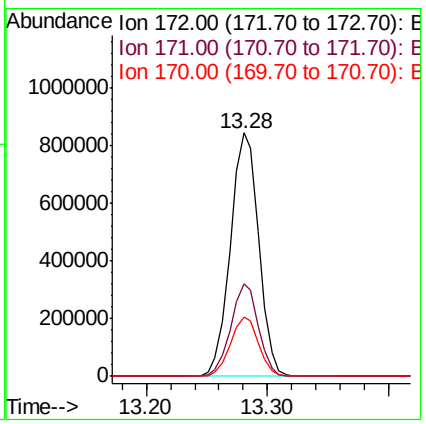


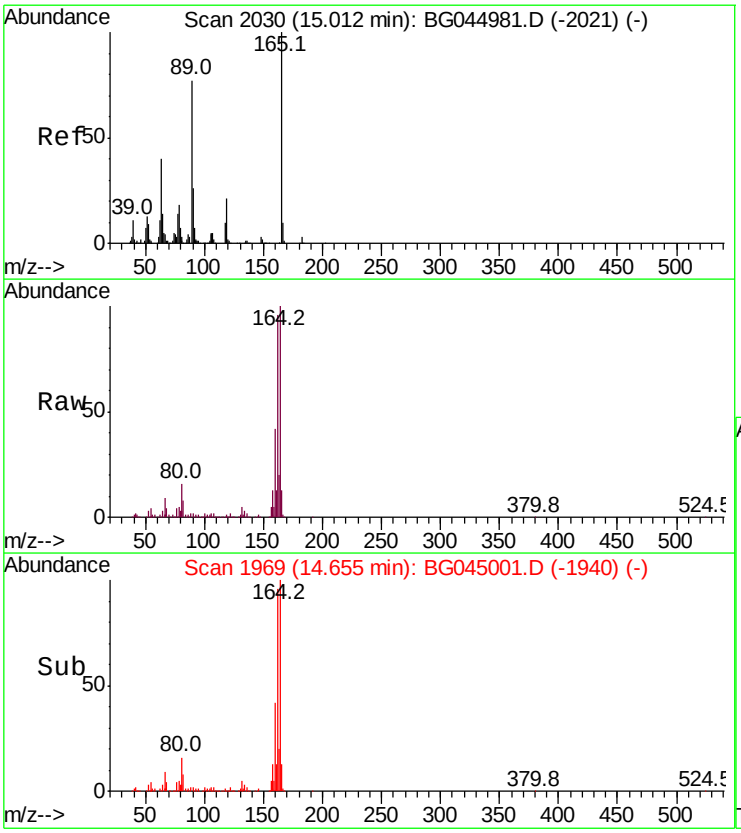
#45
2-Fluorobiphenyl
Concen: 90.914 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion:172 Resp: 1371796

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.6	46.0
170	24.4	20.5	30.7

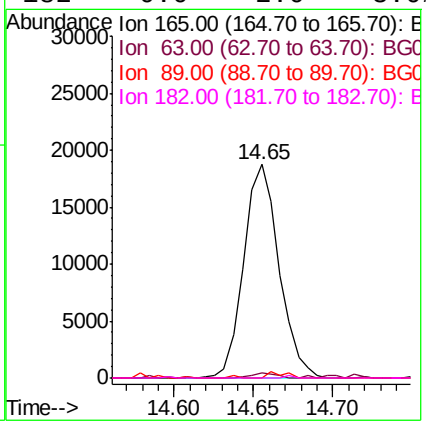


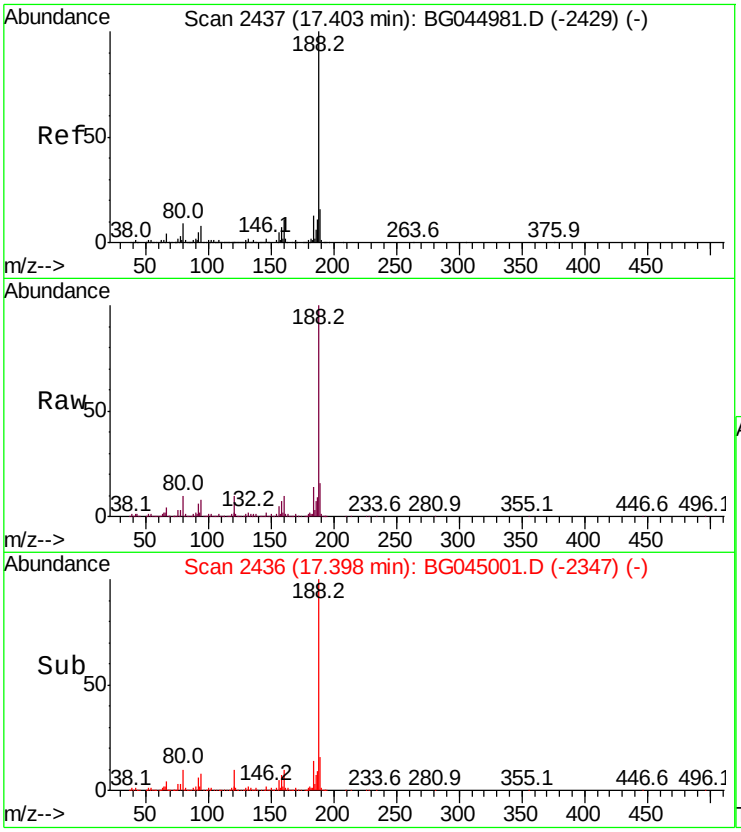


#57
2,4-Dinitrotoluene
Concen: 4.924 ng
RT: 14.65 min Scan# 1969
Delta R.T. -0.36 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion:165 Resp: 28994

Ion	Ratio	Lower	Upper
165	100		
63	2.6	32.2	48.2#
89	0.0	61.7	92.5#
182	0.0	2.0	3.0#



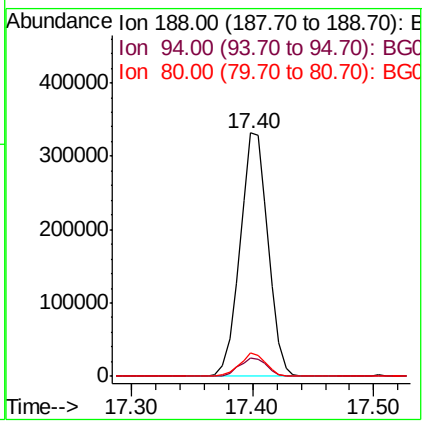


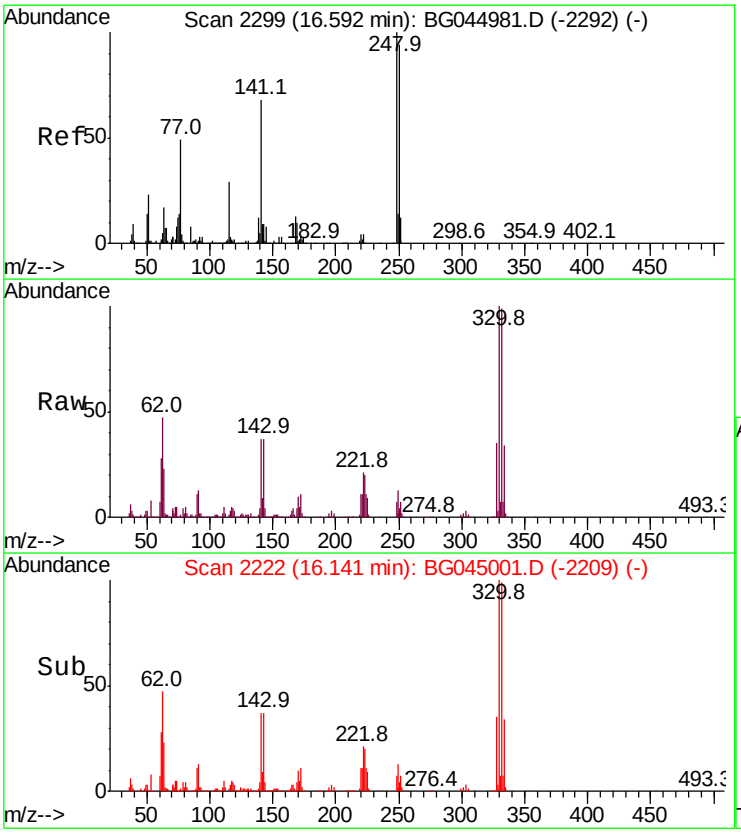
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion:188 Resp: 534654

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	9.6	7.0	10.6

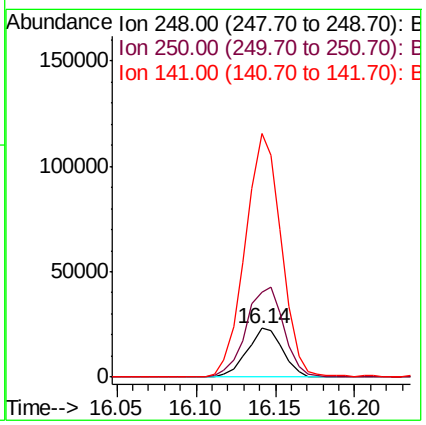


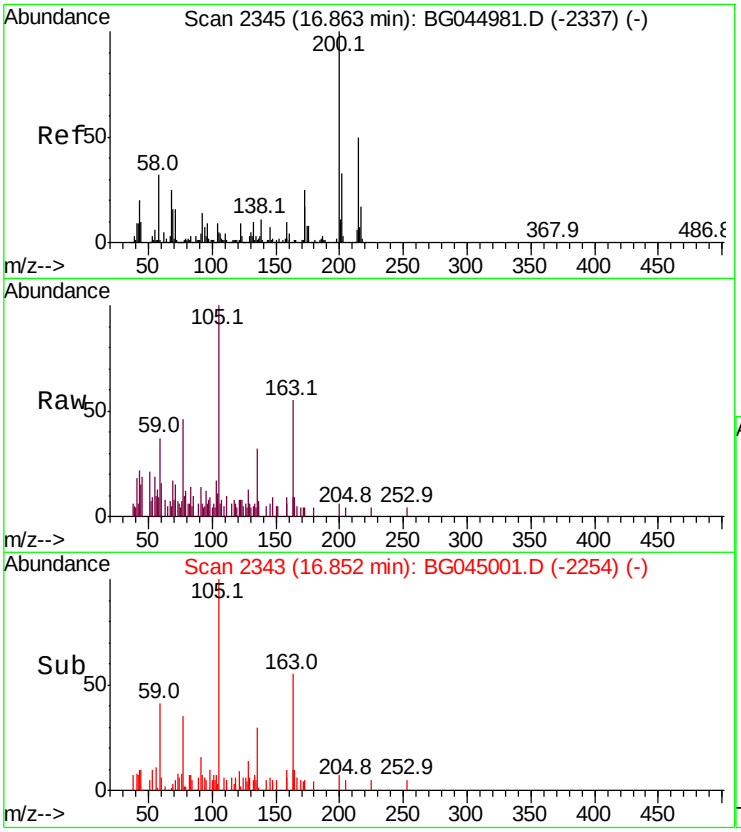


#67
4-Bromophenyl-phenylether
Concen: 5.217 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.45 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion:248 Resp: 35985

Ion	Ratio	Lower	Upper
248	100		
250	173.8	75.4	113.2#
141	501.0	54.4	81.6#



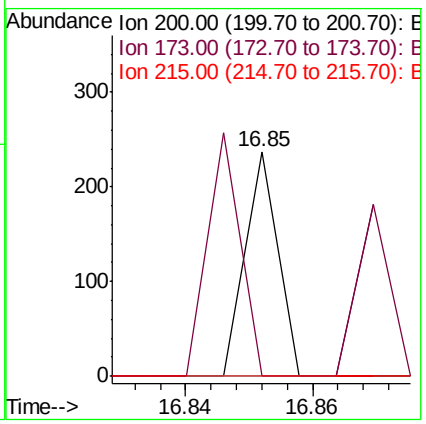


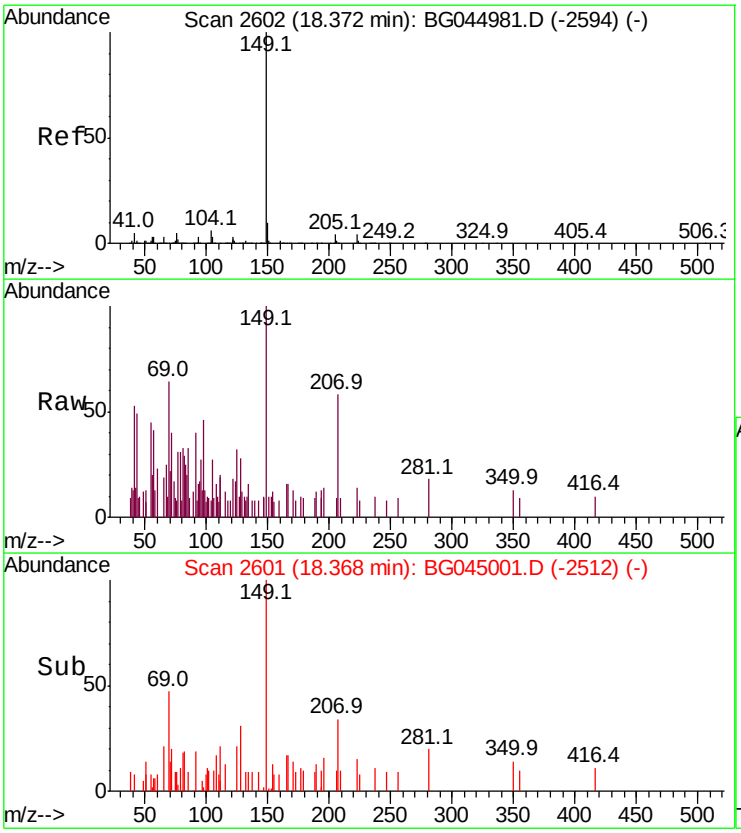
#69
Atrazine
Concen: Below Cal
RT: 16.85 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion:200 Resp: 84

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

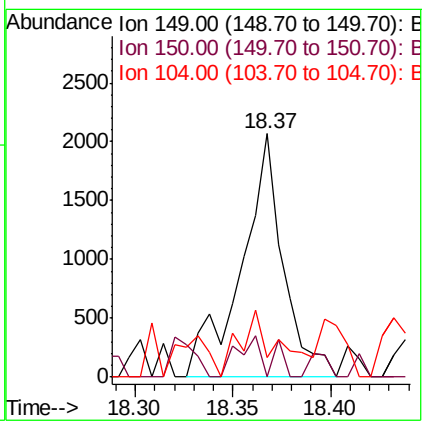


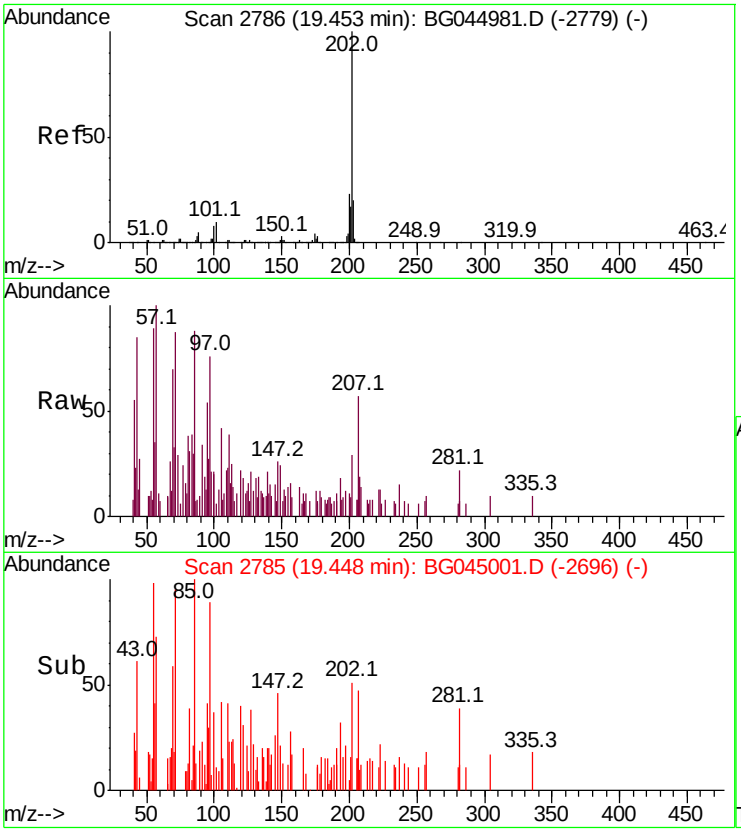


#74
Di-n-butylphthalate
Concen: Below Cal
RT: 18.37 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion:149 Resp: 3073

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



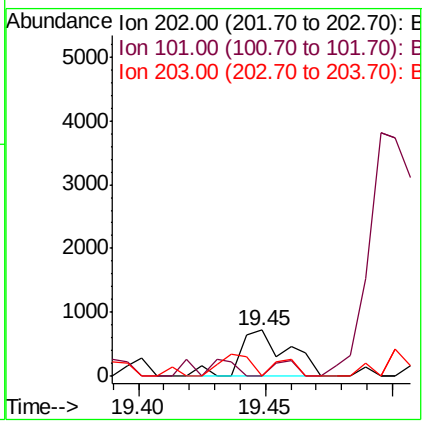


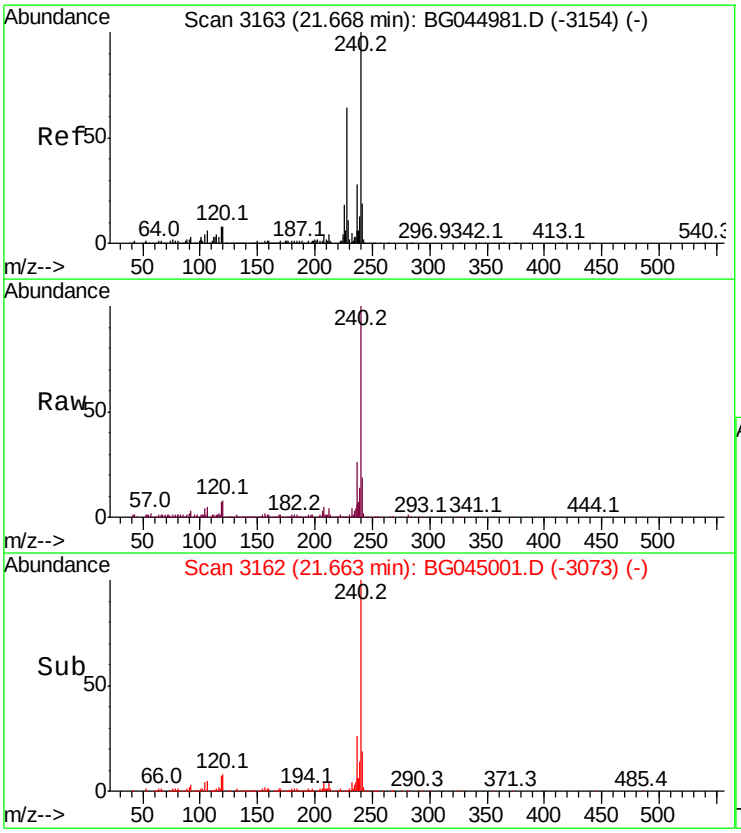
#75
Fluoranthene
Concen: Below Cal
RT: 19.45 min Scan# 2785
Delta R.T. -0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion:202 Resp: 946

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

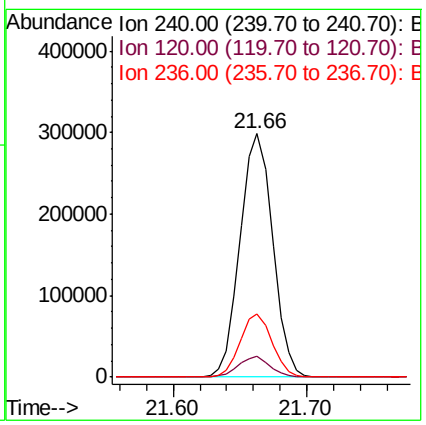


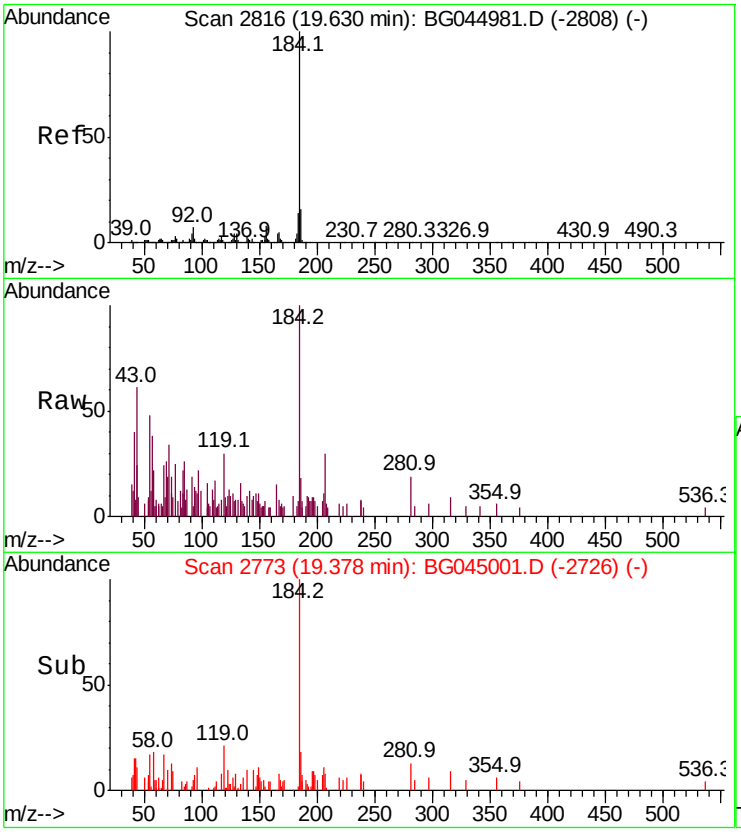


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion:240 Resp: 504610

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.6	10.0
236	26.1	22.2	33.2



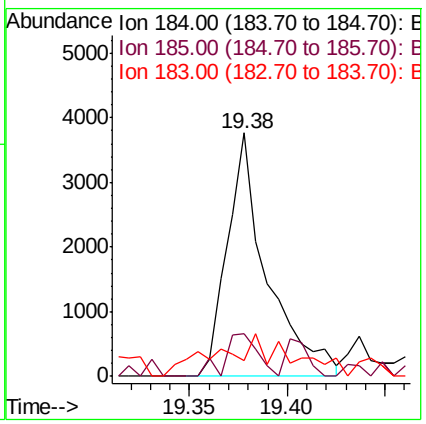


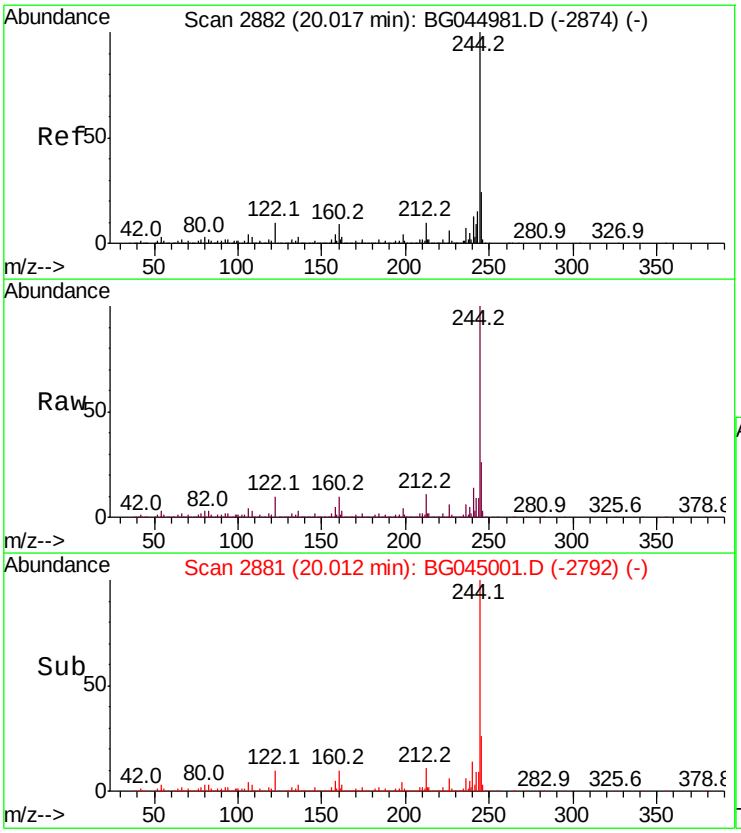
#77
Benzidine
Concen: Below Cal
RT: 19.38 min Scan# 2773
Delta R.T. -0.25 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH

Tgt Ion:184 Resp: 5296

Ion	Ratio	Lower	Upper
184	100		
185	17.8	12.6	19.0
183	6.6	11.3	16.9#

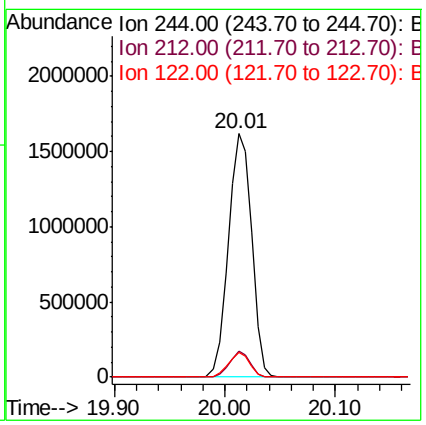


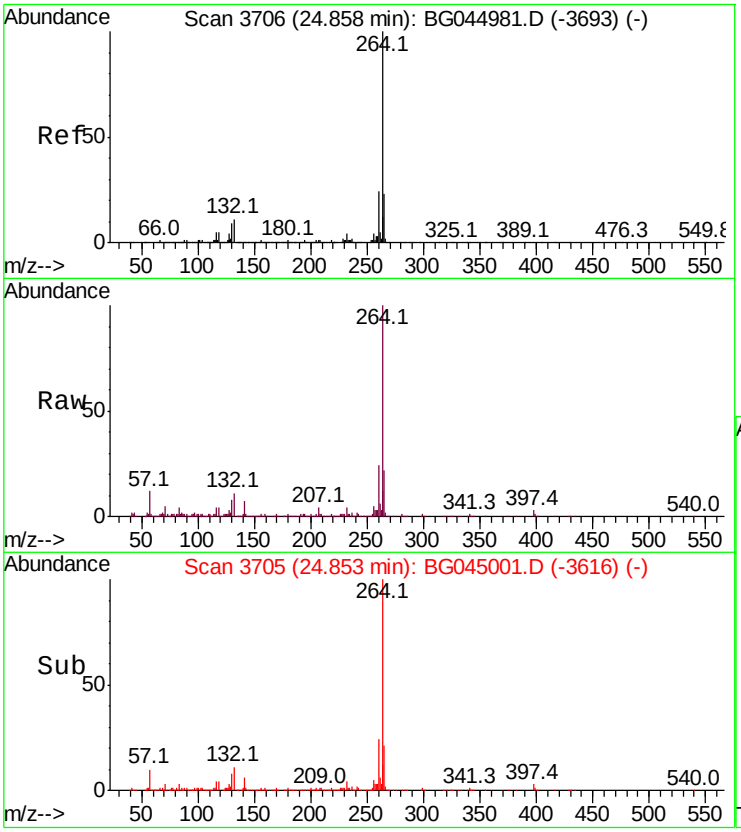


#79
Terphenyl-d14
Concen: 103.235 ng
RT: 20.01 min Scan# 2881
Delta R.T. -0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion:244 Resp: 2390092

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.9	11.9
122	10.1	7.7	11.5

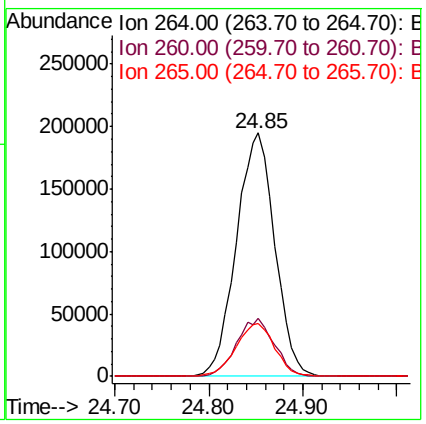




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3705
Delta R.T. -0.00 min
Lab File: BG045001.D
Acq: 16 Apr 2020 3:34

Tgt Ion:264 Resp: 550464

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	19.0	28.4



Instrument :
BNA_G
ClientSampleId :
CHASSIS-WASH