Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
Data File : BG045551.D
Acq On : 30 May 2020 12:02
Operator : CG/JU
Sample : L2757-01DL 20X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AP3DL

Quant Time: May 31 22:46:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	60675	20.00	ng		-0.01
21) Naphthalene-d8	10.76	136	240341	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	179050	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	405335	20.00	ng		0.00
76) Chrysene-d12	21.60	240	411357	20.00	ng		-0.01
87) Perylene-d12	24.75	264	440346	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	24128	7.77	ng		0.00
7) Phenol-d6	7.15	99	33726	7.63	ng		-0.01
23) Nitrobenzene-d5	9.11	82	29373	6.66	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	21253	9.28	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	68566	6.50	ng		0.00
79) Terphenyl-d14	19.96	244	124781	7.07	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.18	94	128172	28.143	ng		98
15) Benzyl Alcohol	8.22	79	9406	2.577	ng	#	45
17) 2-Methylphenol	8.42	107	160687	47.138	ng		94
20) 3+4-Methylphenols	8.76	107	344994	74.321	ng		93
22) Acetophenone	8.77	105	17480	3.069	ng	#	1
27) 2,4-Dimethylphenol	9.95	122	125736	41.968	ng		99
32) Benzoic acid	10.07	122	7152	12.800	ng		97
36) 4-Chloro-3-methylphenol	12.02	107	9615	2.412	ng	#	20
48) 2-Nitroaniline	13.75	65	11071	3.767	ng	#	37
53) 3-Nitroaniline	14.49	138	9976	3.541	ng	#	1
54) 2,4-Dinitrophenol	14.67	184	3921	7.471	ng	#	52
55) Dibenzofuran	14.76	168	125137	8.773	ng	#	88
73) Carbazole	17.84	167	43993	2.540	ng	#	66

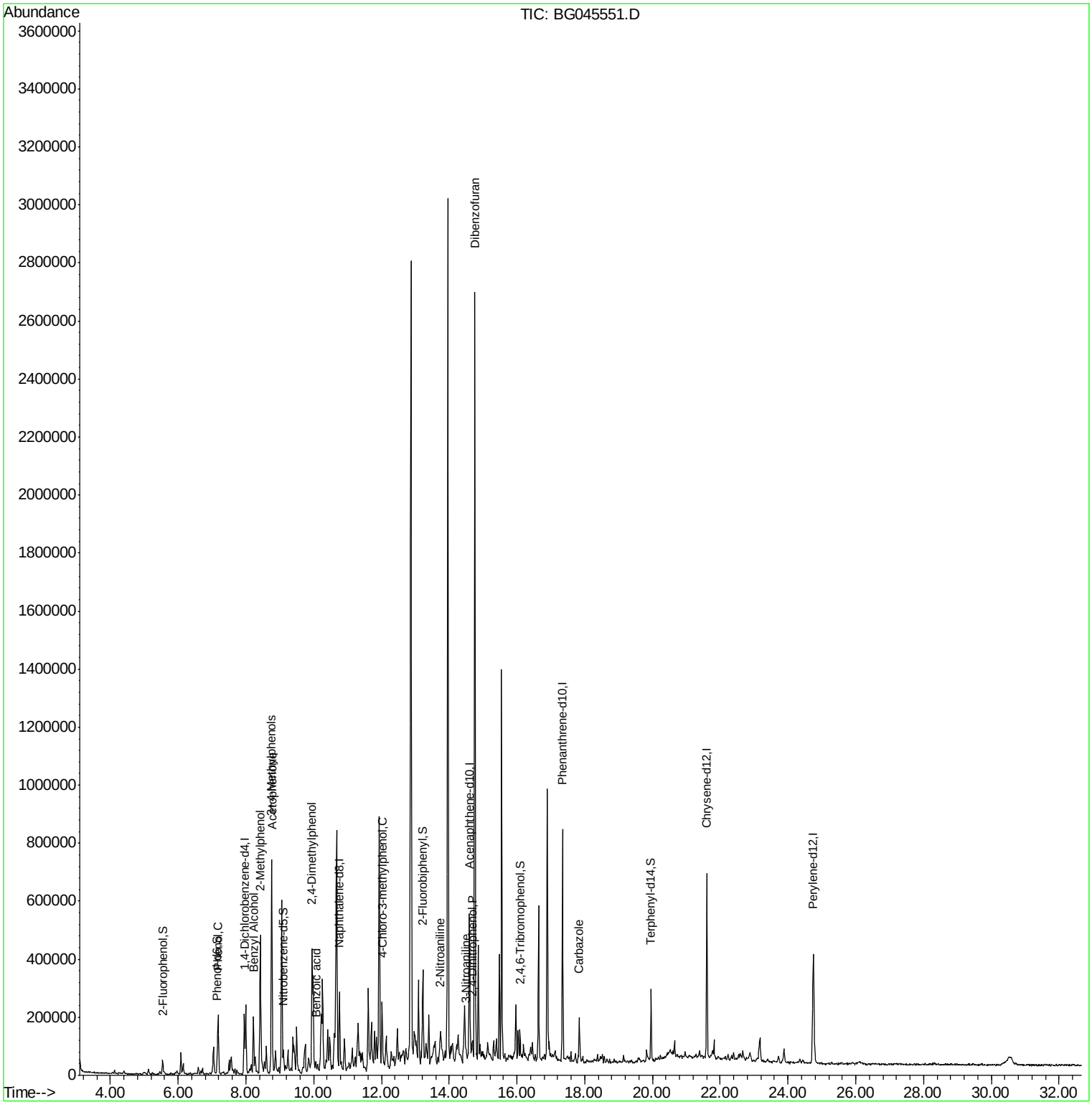
(#) = qualifier out of range (m) = manual integration (+) = signals summed

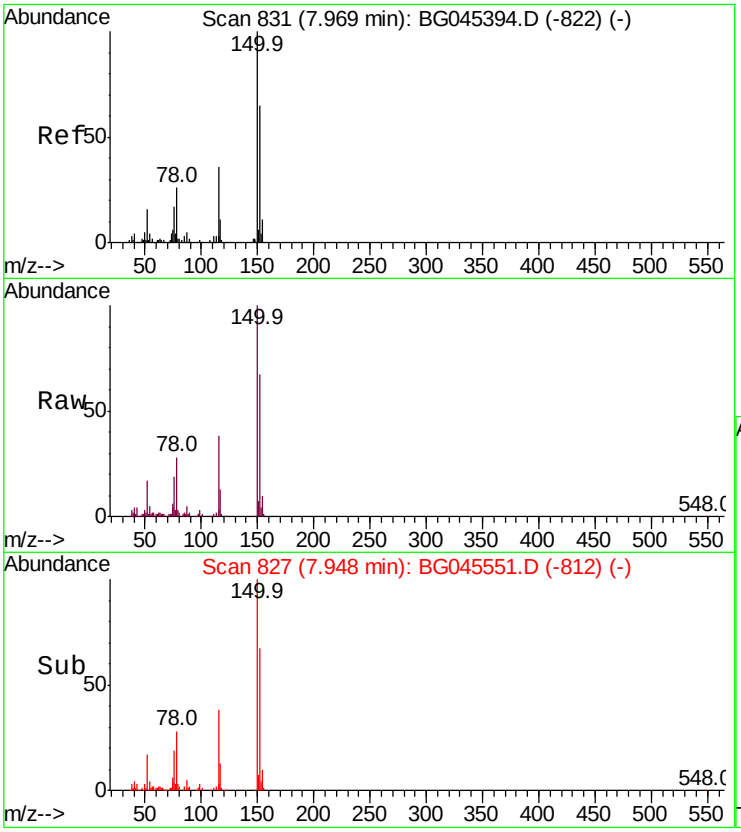
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052920\
Data File : BG045551.D
Acq On : 30 May 2020 12:02
Operator : CG/JU
Sample : L2757-01DL 20X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Quant Time: May 31 22:46:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration



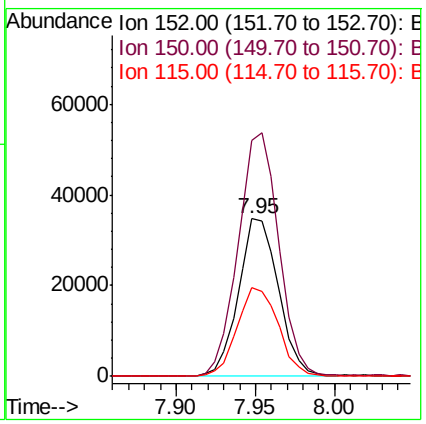


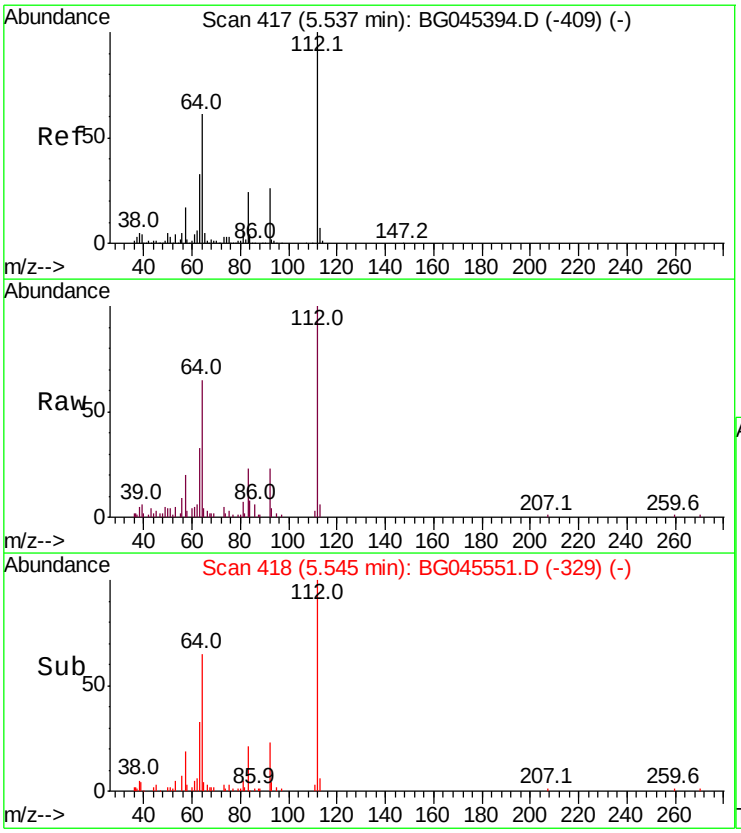
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion:152 Resp: 60675

Ion	Ratio	Lower	Upper
152	100		
150	149.7	122.4	183.6
115	56.3	44.2	66.4

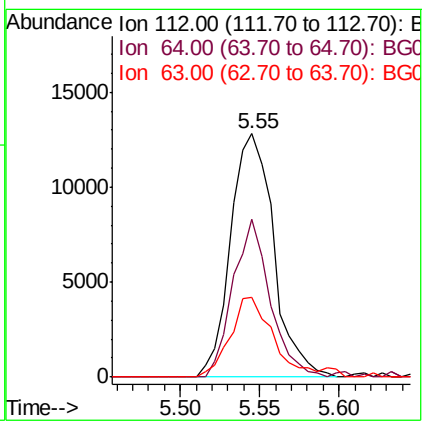


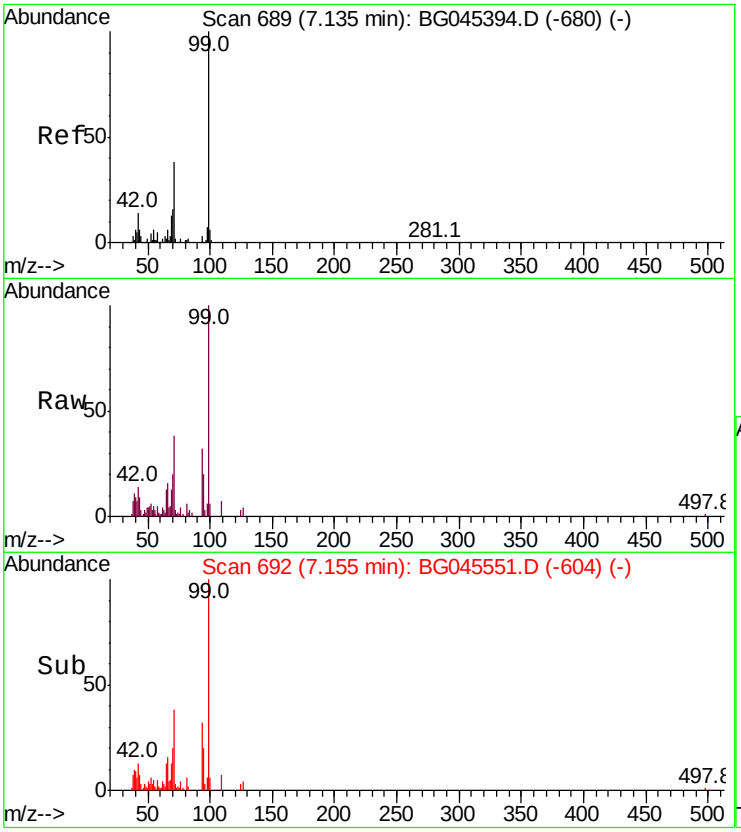


#5
2-Fluorophenol
Concen: 7.771 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion:112 Resp: 24128

Ion	Ratio	Lower	Upper
112	100		
64	64.8	48.6	72.8
63	33.0	26.5	39.7



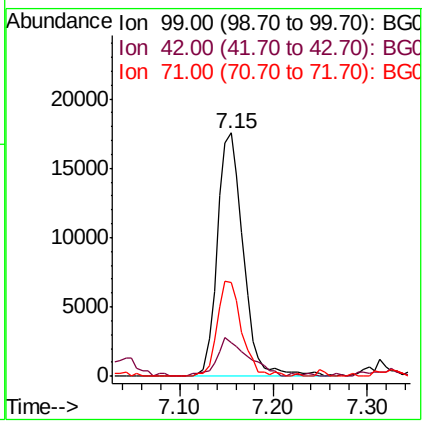


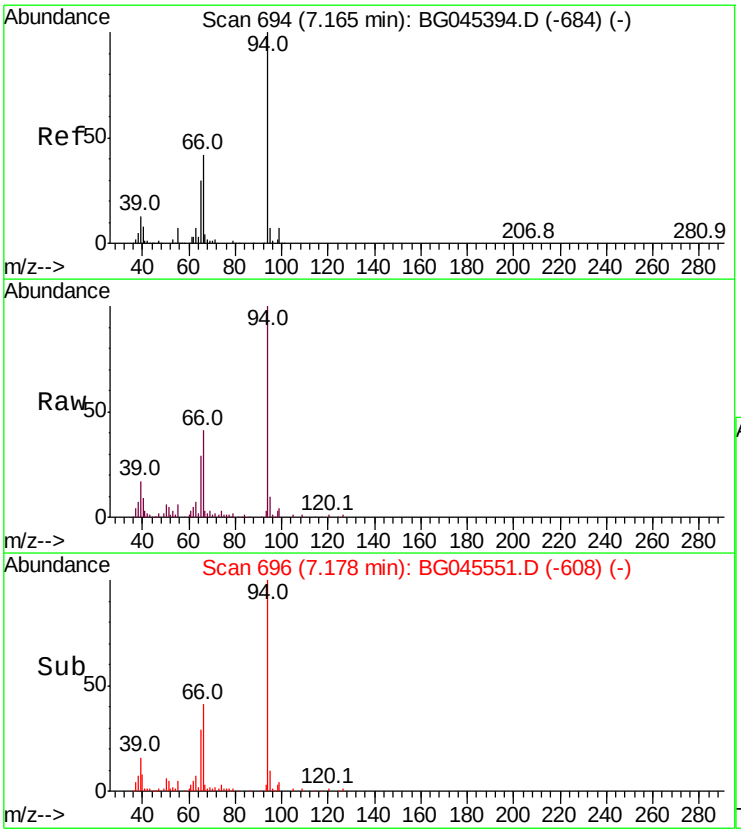
#7
Phenol-d6
Concen: 7.632 ng
RT: 7.15 min Scan# 692
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion: 99 Resp: 33726

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.3	16.9
71	38.3	30.8	46.2

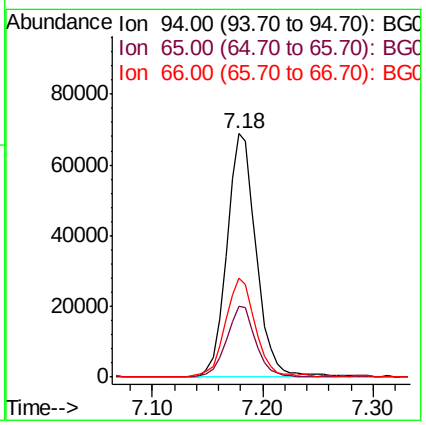


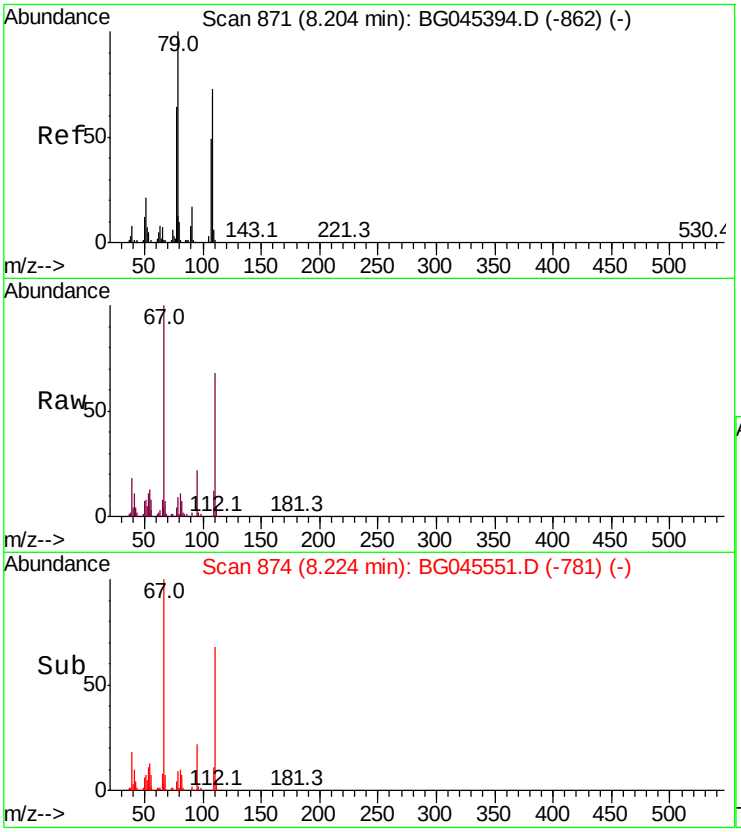


#10
Phenol
Concen: 28.143 ng
RT: 7.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion: 94 Resp: 128172

Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.8	49.8
66	40.8	22.0	62.0



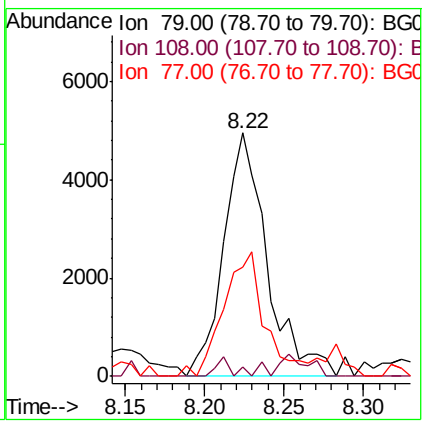


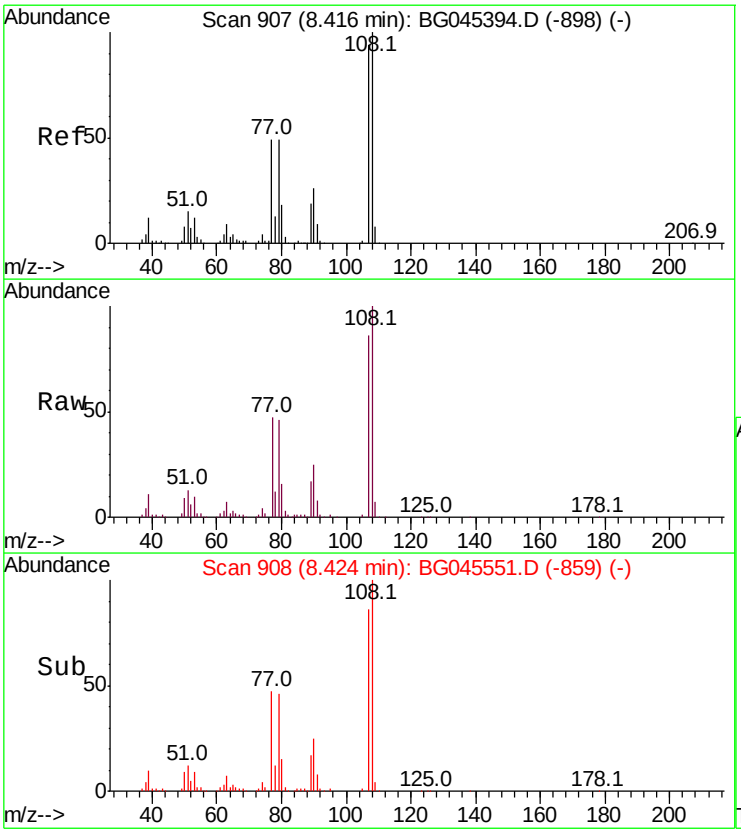
#15
Benzyl Alcohol
Concen: 2.577 ng
RT: 8.22 min Scan# 874
Delta R.T. 0.02 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion: 79 Resp: 9406

Ion	Ratio	Lower	Upper
79	100		
108	4.0	58.2	87.4#
77	45.0	51.0	76.4#

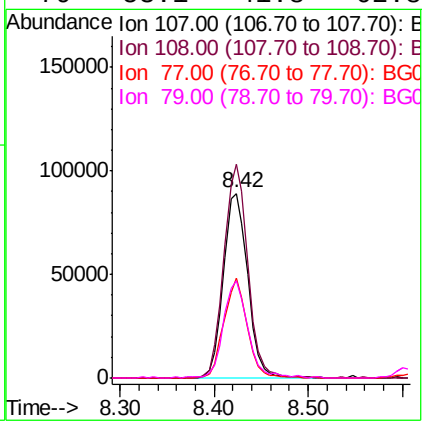


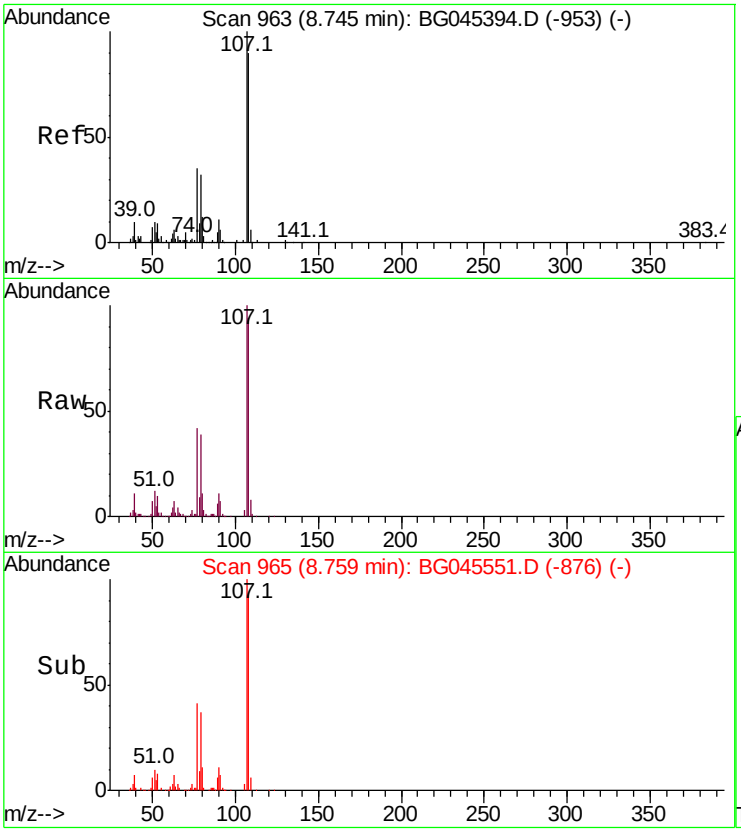


#17
2-Methylphenol
Concen: 47.138 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion:107 Resp: 160687

Ion	Ratio	Lower	Upper
107	100		
108	115.9	85.2	127.8
77	54.3	41.6	62.4
79	53.1	41.8	62.8



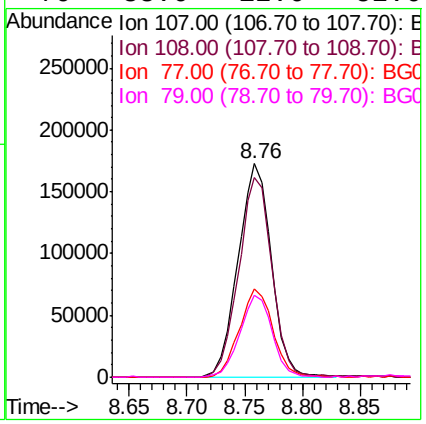


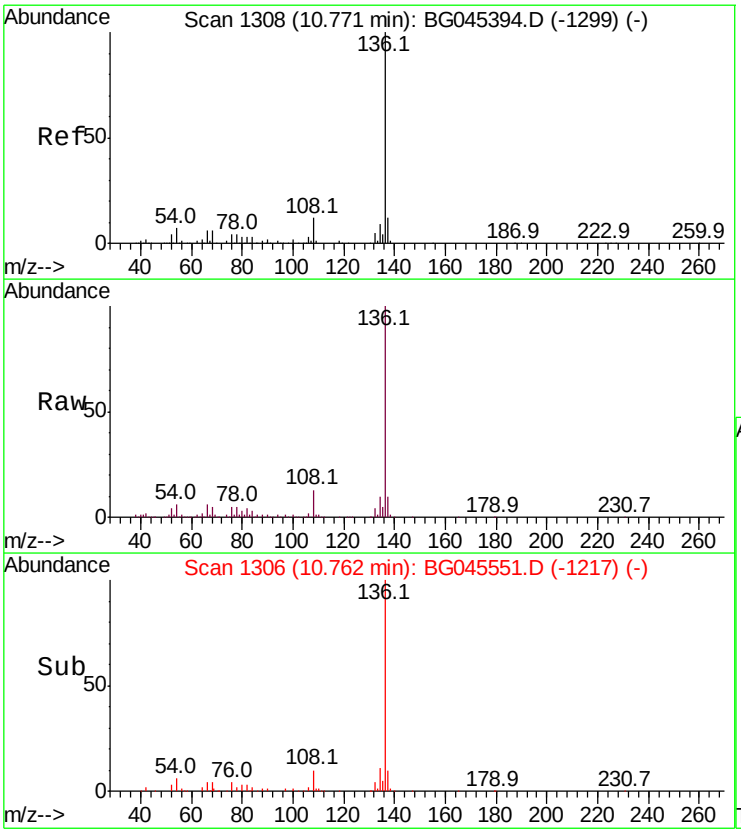
#20
3+4-Methylphenols
Concen: 74.321 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion:107 Resp: 344994

Ion	Ratio	Lower	Upper
107	100		
108	93.6	70.3	110.3
77	41.6	15.4	55.4
79	38.6	12.6	52.6

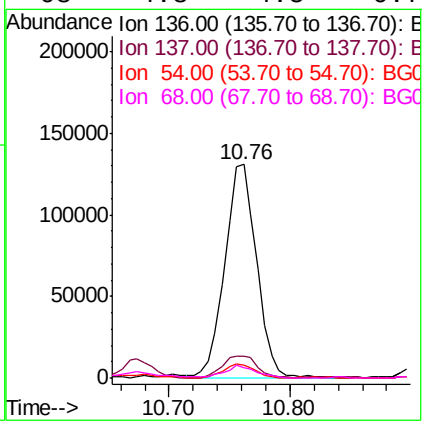


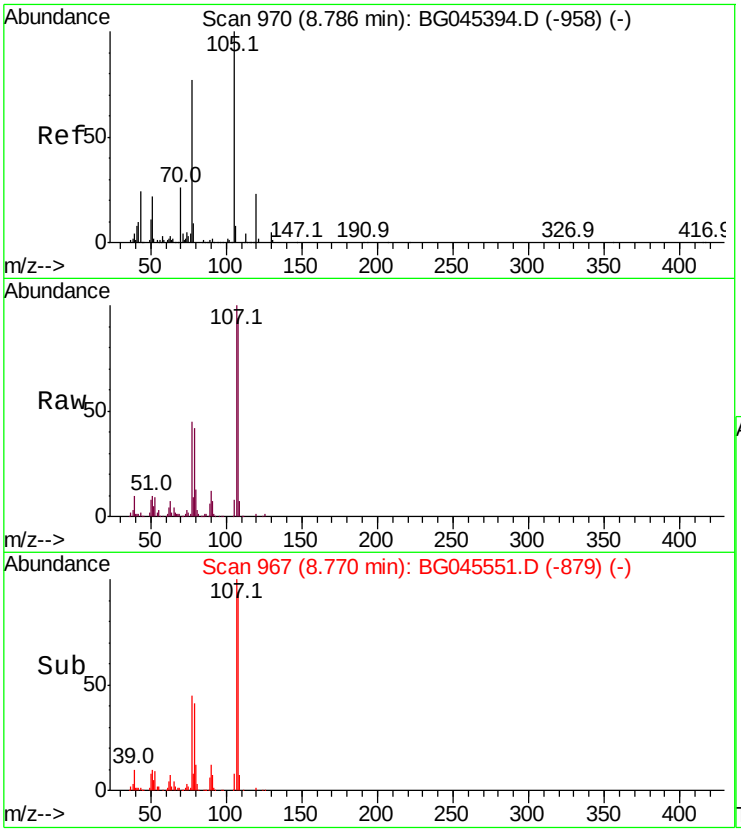


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion:136 Resp: 240341

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.4	14.2
54	6.1	5.8	8.6
68	4.8	4.5	6.7



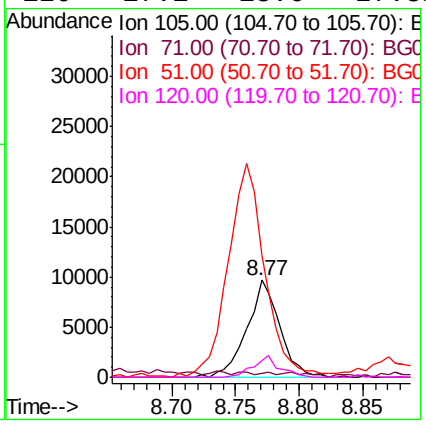


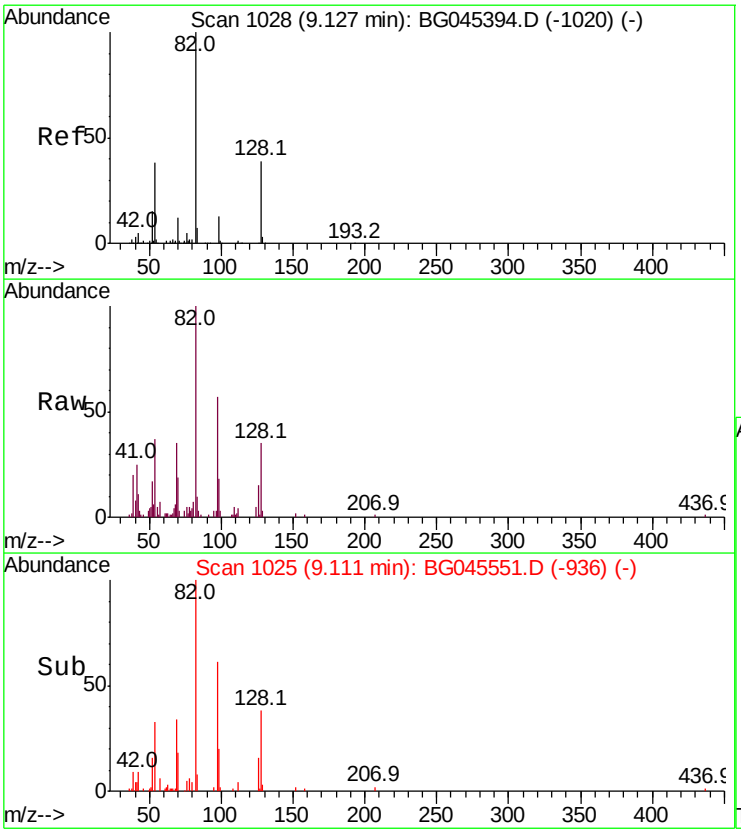
#22
Acetophenone
Concen: 3.069 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion:105 Resp: 17480

Ion	Ratio	Lower	Upper
105	100		
71	3.6	3.4	5.0
51	125.0	18.2	27.2#
120	17.1	18.6	27.8#

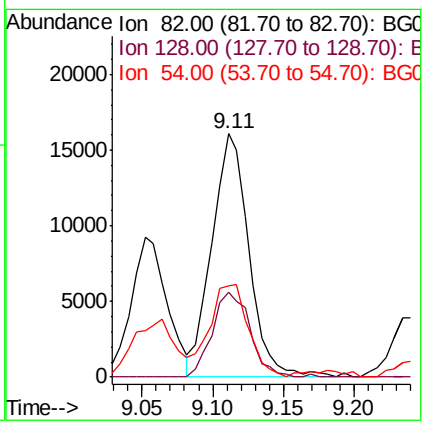


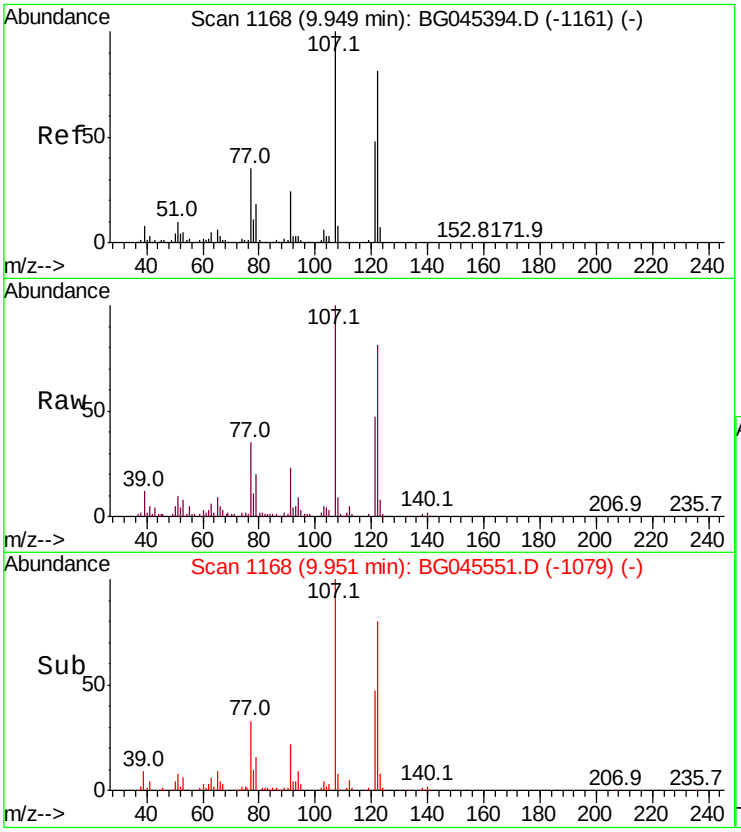


#23
Nitrobenzene-d5
Concen: 6.665 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion: 82 Resp: 29373

Ion	Ratio	Lower	Upper
82	100		
128	35.1	30.9	46.3
54	37.3	30.3	45.5



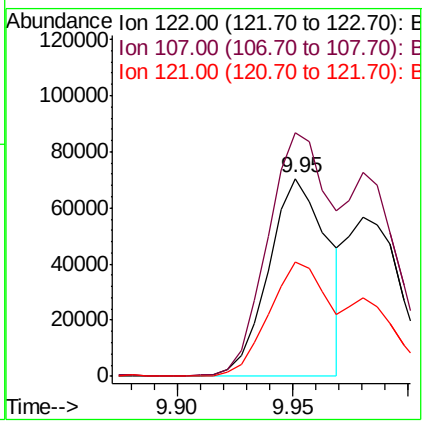


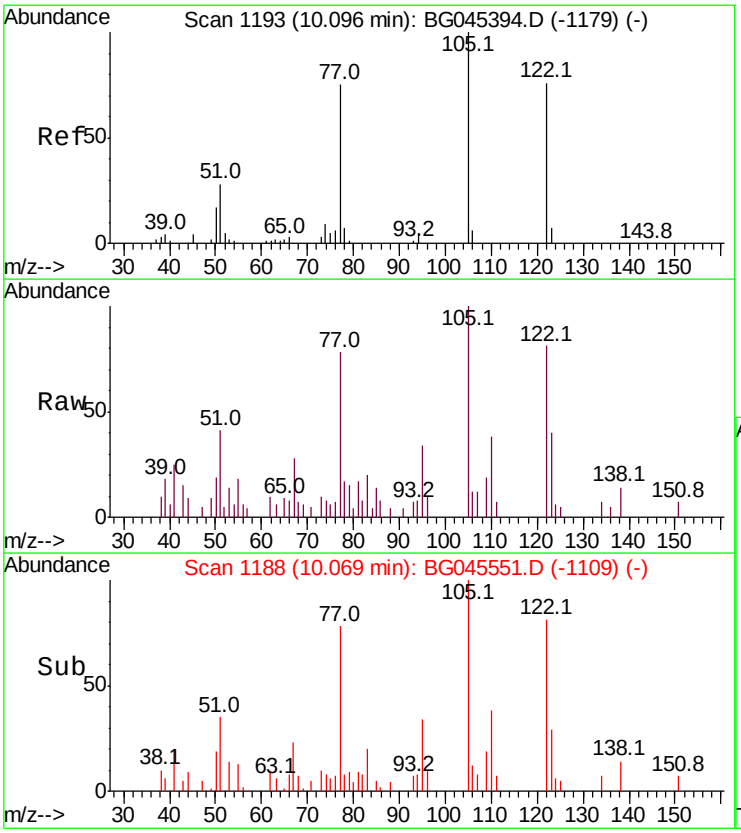
#27
2,4-Dimethylphenol
Concen: 41.968 ng
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion:122 Resp: 125736

Ion	Ratio	Lower	Upper
122	100		
107	123.2	99.0	148.4
121	57.6	47.7	71.5

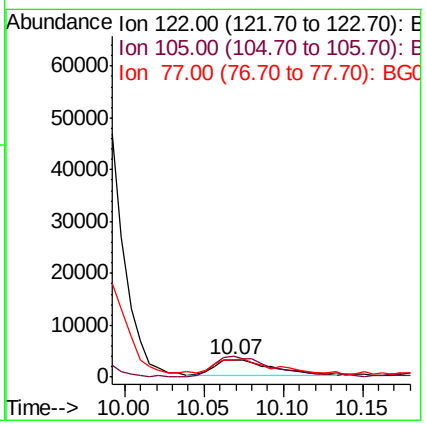


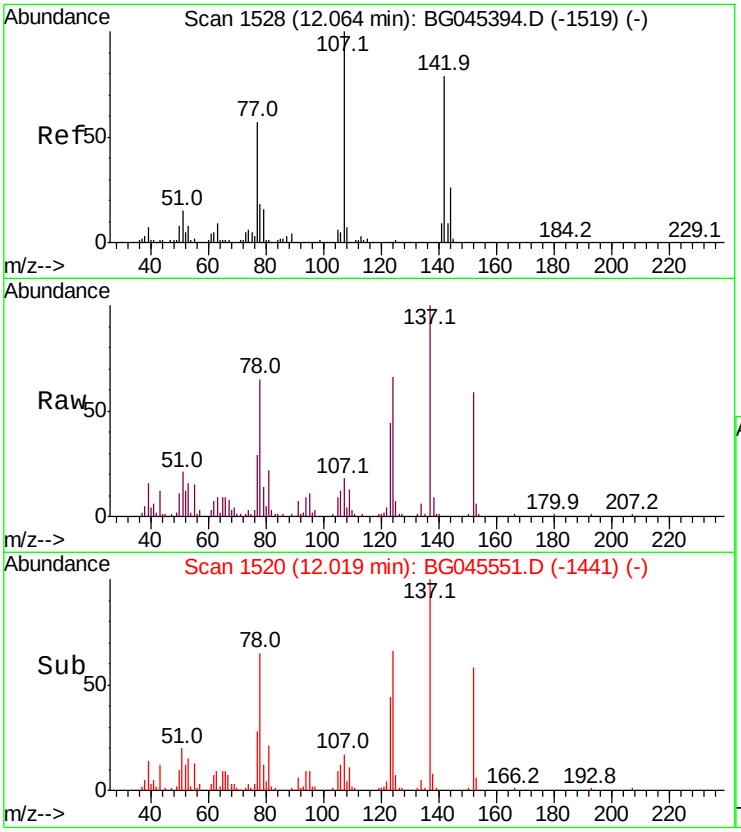


#32
Benzoic acid
Concen: 12.800 ng
RT: 10.07 min Scan# 1188
Delta R.T. -0.06 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion:122 Resp: 7152

Ion	Ratio	Lower	Upper
122	100		
105	123.8	107.9	147.9
77	97.1	78.9	118.9



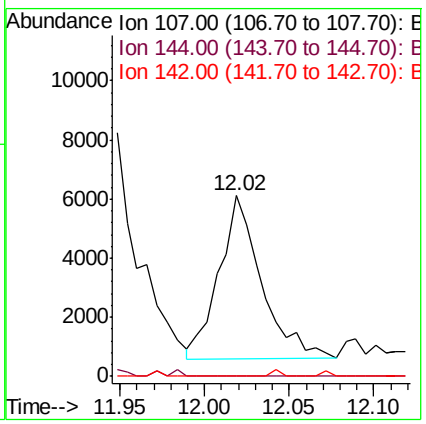


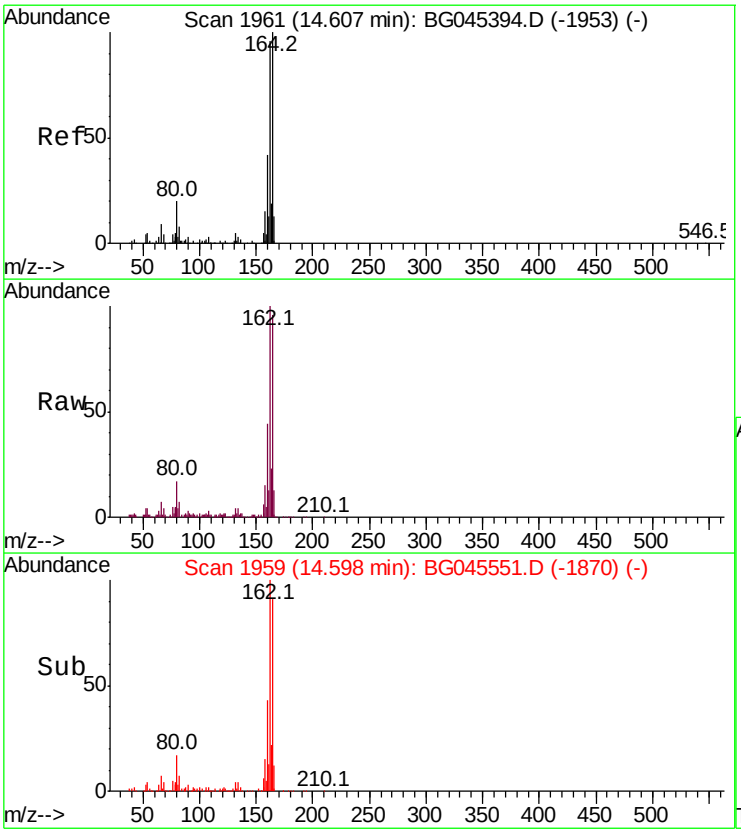
#36
4-Chloro-3-methylphenol
Concen: 2.412 ng
RT: 12.02 min Scan# 1520
Delta R.T. -0.06 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion:107 Resp: 9615

Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.8	31.2#
142	0.0	62.8	94.2#

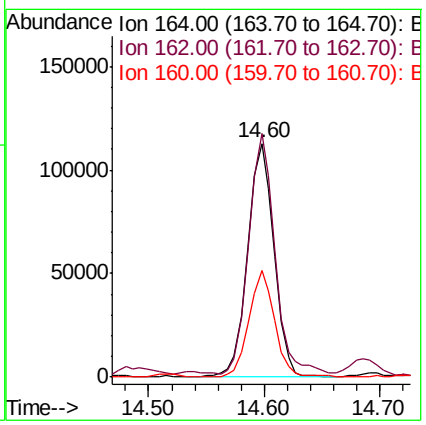


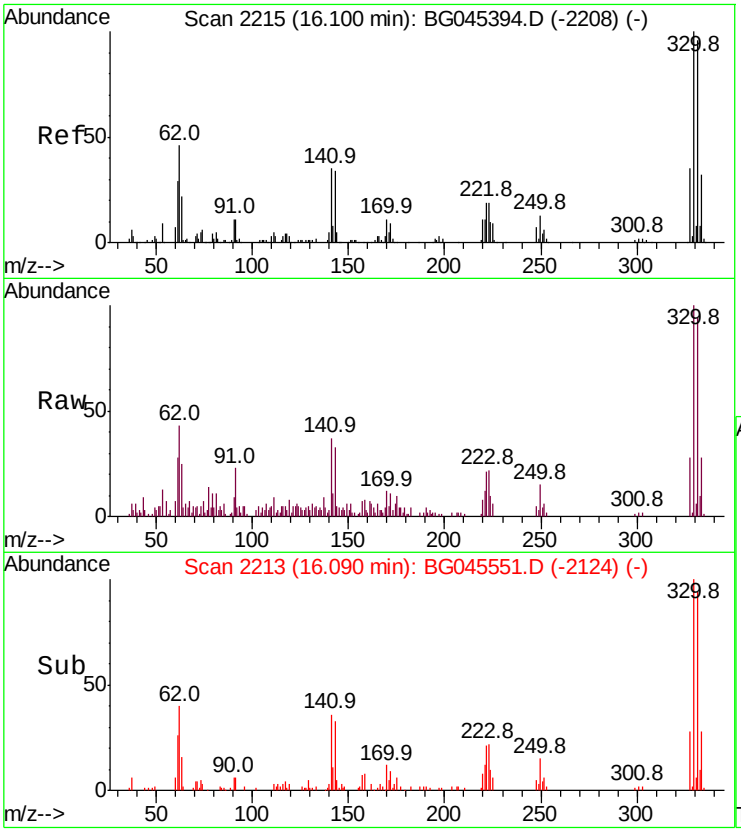


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion:164 Resp: 179050

Ion	Ratio	Lower	Upper
164	100		
162	104.1	76.9	115.3
160	45.5	33.8	50.8



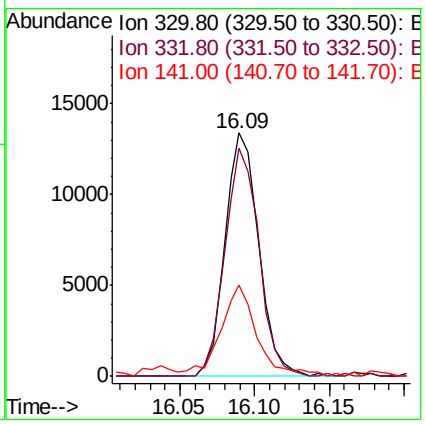


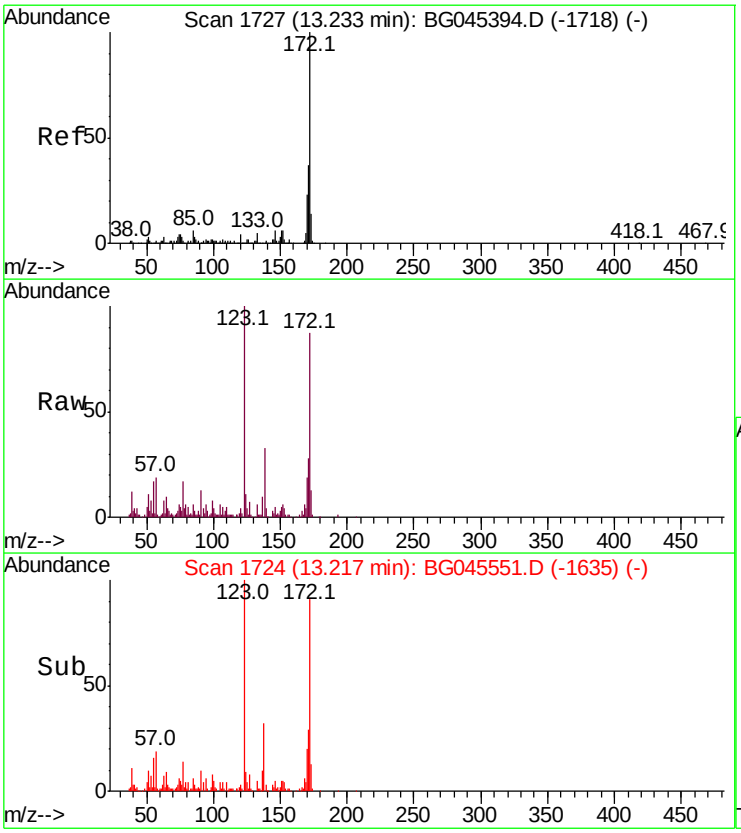
#42
2,4,6-Tribromophenol
Concen: 9.281 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion:330 Resp: 21253

Ion	Ratio	Lower	Upper
330	100		
332	94.1	78.2	117.4
141	40.0	28.2	42.4

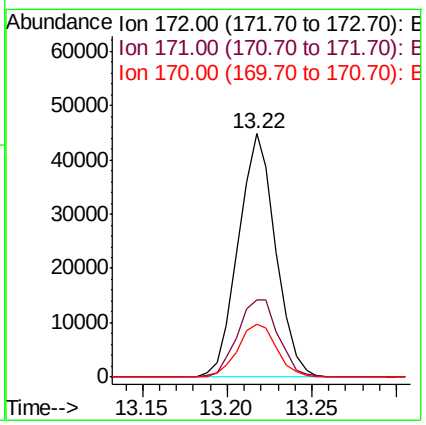


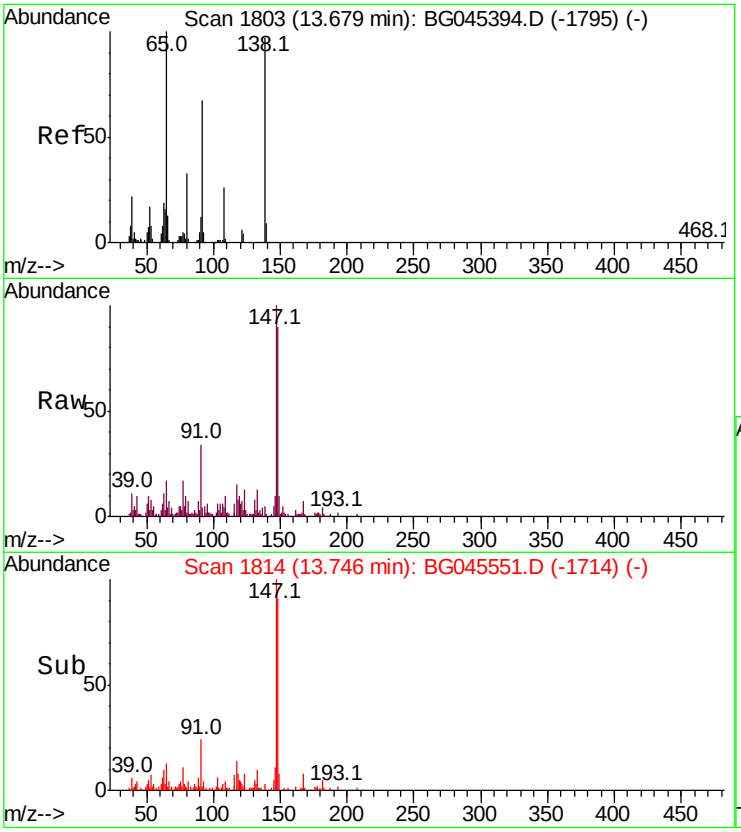


#45
2-Fluorobiphenyl
Concen: 6.496 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion:172 Resp: 68566

Ion	Ratio	Lower	Upper
172	100		
171	31.8	29.5	44.3
170	21.8	18.5	27.7



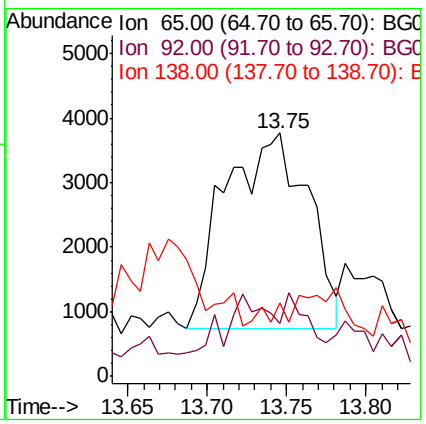


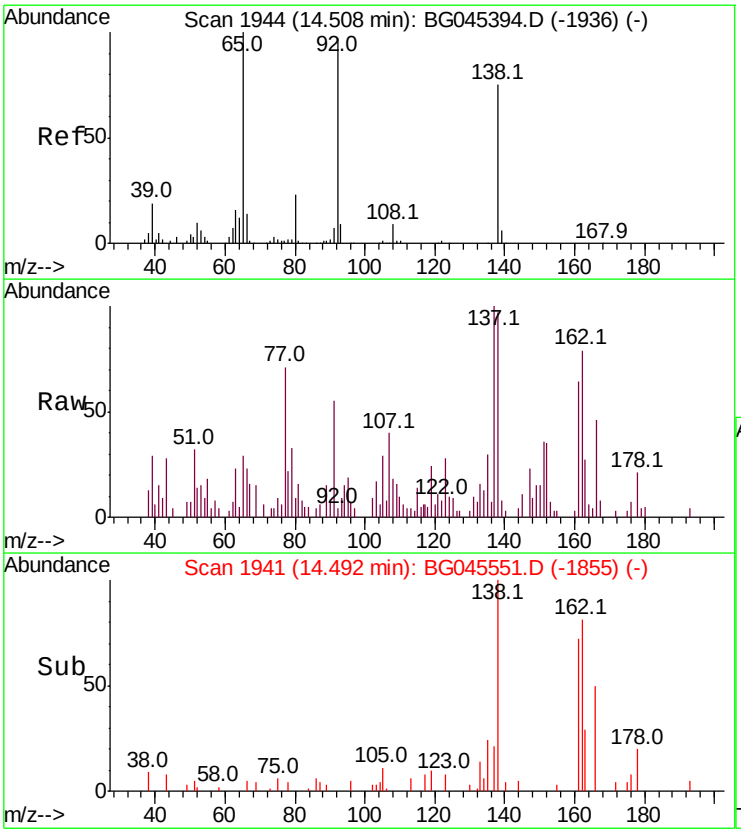
#48
2-Nitroaniline
Concen: 3.767 ng
RT: 13.75 min Scan# 1814
Delta R.T. 0.06 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion: 65 Resp: 11071

Ion	Ratio	Lower	Upper
65	100		
92	21.8	53.8	80.8#
138	30.3	77.9	116.9#

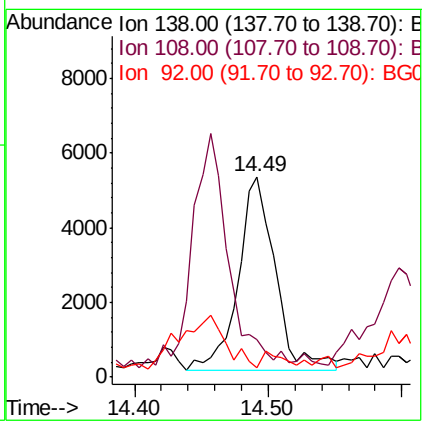


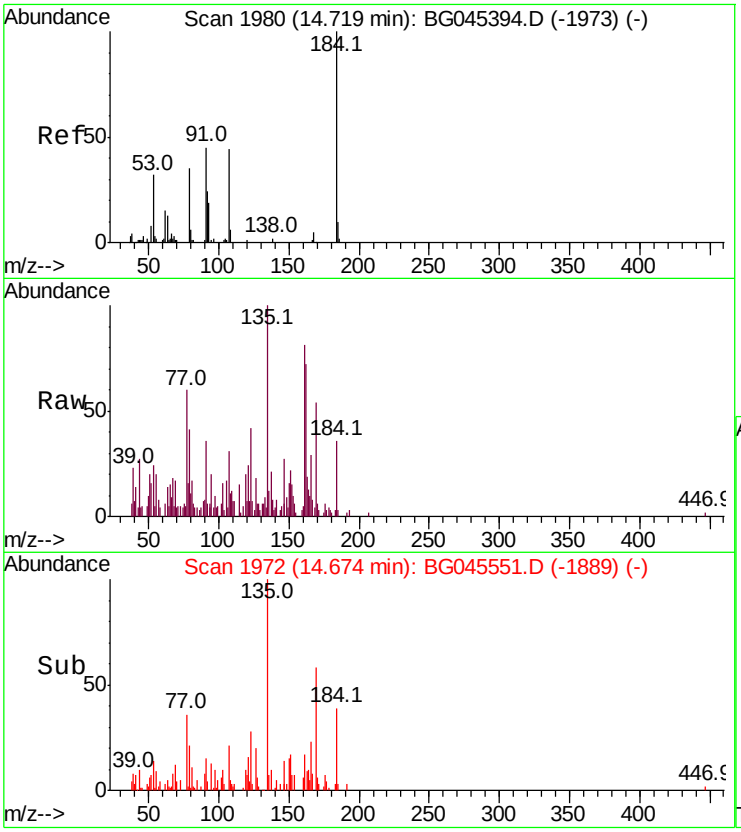


#53
3-Nitroaniline
Concen: 3.541 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion:138 Resp: 9976

Ion	Ratio	Lower	Upper
138	100		
108	18.5	9.8	14.6#
92	4.6	103.0	154.4#



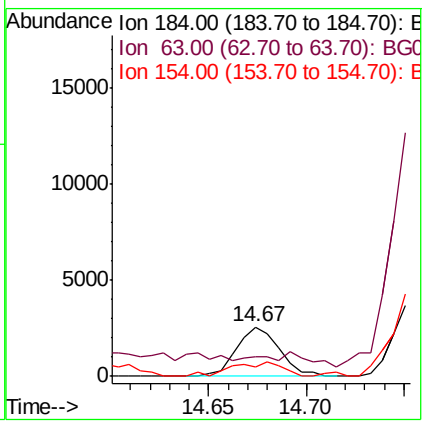


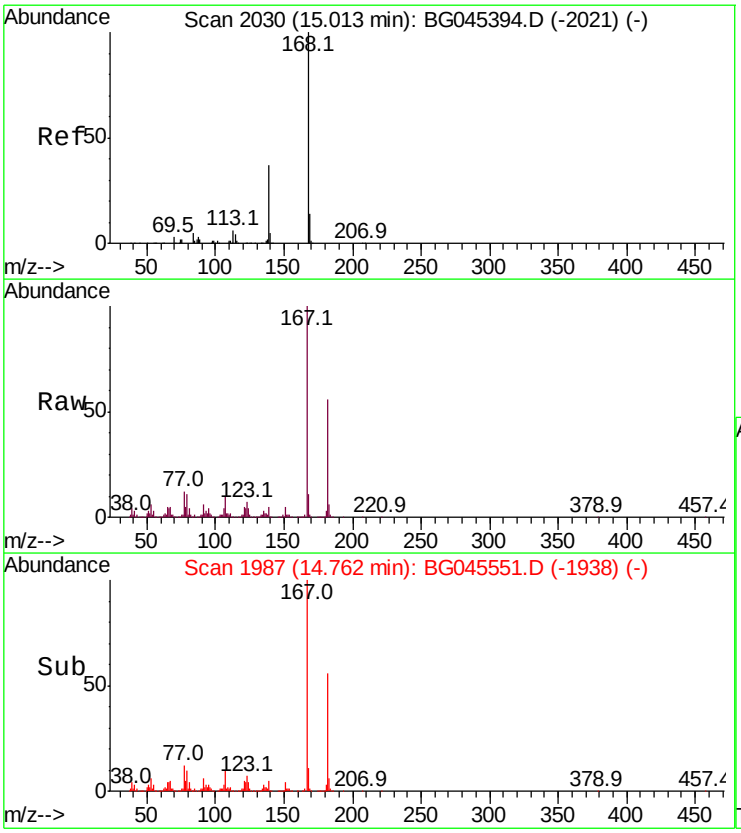
#54
2,4-Dinitrophenol
Concen: 7.471 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.04 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion:184 Resp: 3921

Ion	Ratio	Lower	Upper
184	100		
63	39.0	47.8	71.6#
154	17.8	58.3	87.5#

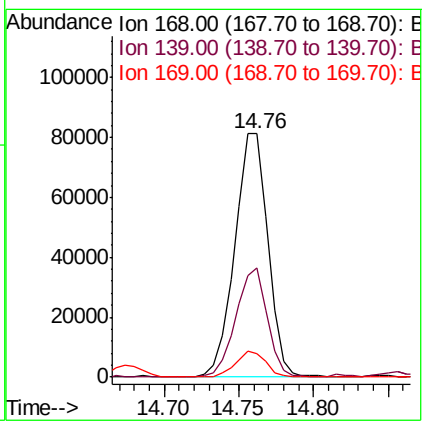


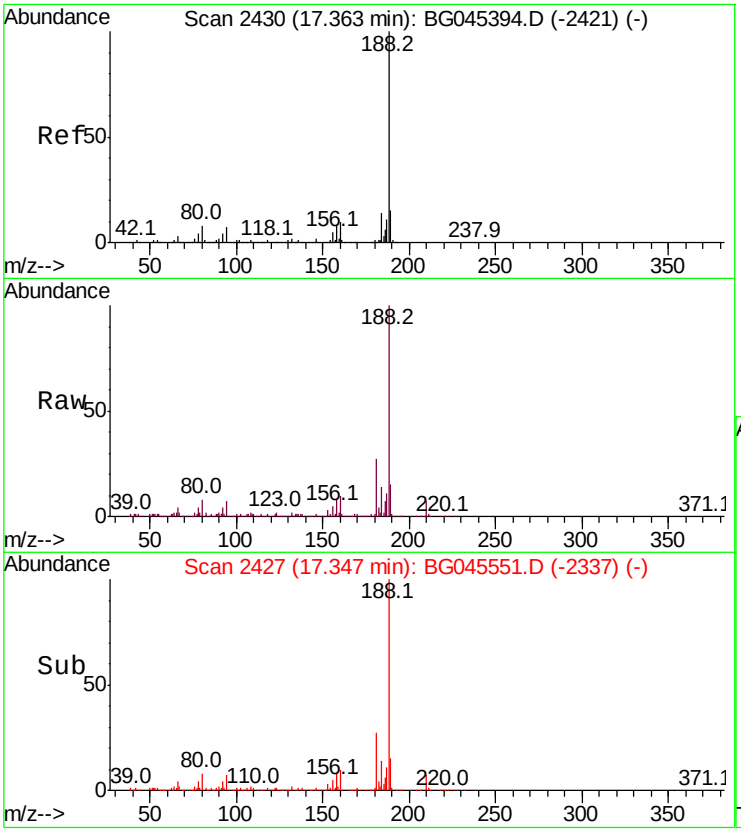


#55
Dibenzofuran
Concen: 8.773 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.24 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion:168 Resp: 125137

Ion	Ratio	Lower	Upper
168	100		
139	44.8	29.9	44.9
169	9.8	10.9	16.3#



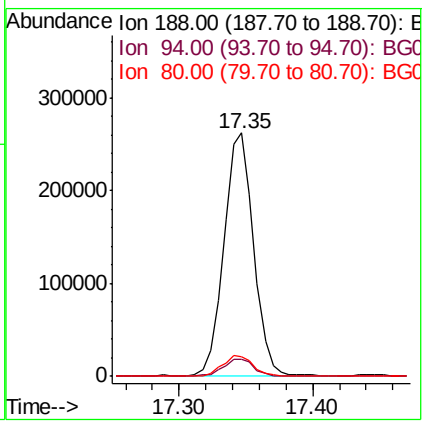


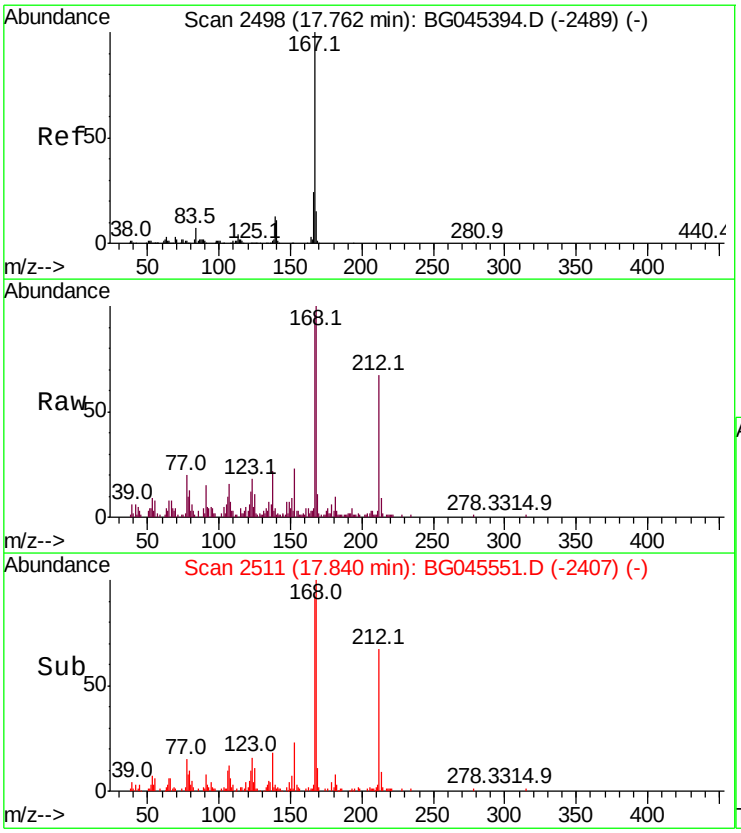
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion:188 Resp: 405335

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.5	8.3
80	8.2	6.6	10.0

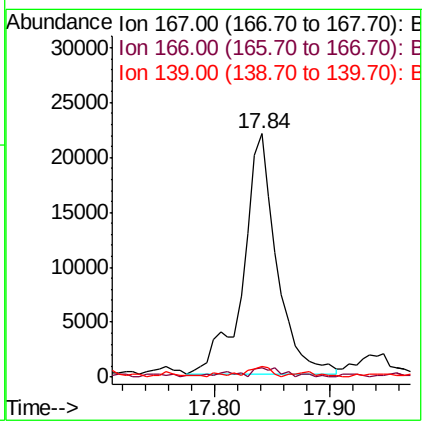


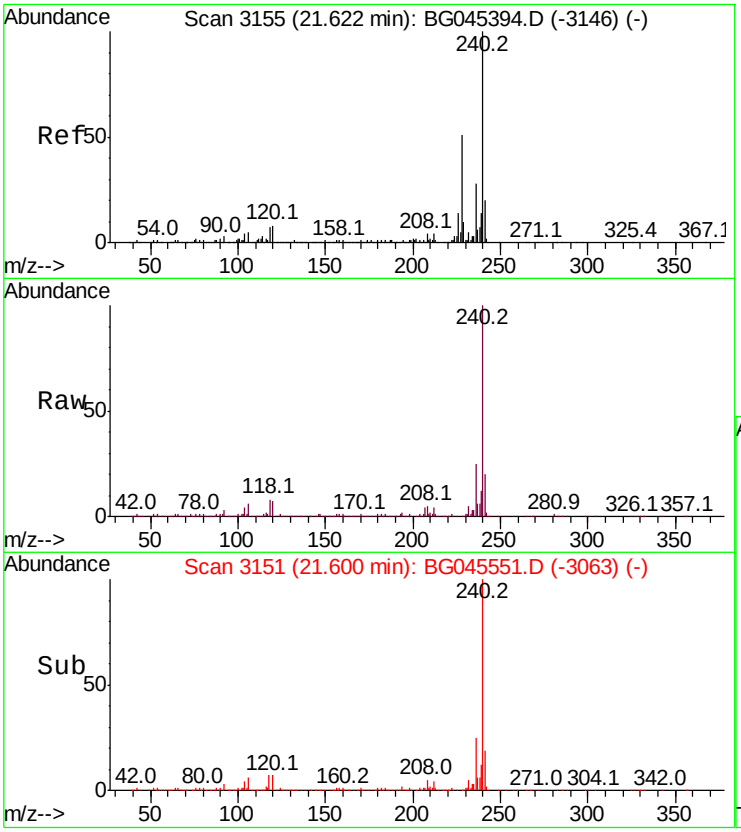


#73
Carbazole
Concen: 2.540 ng
RT: 17.84 min Scan# 2511
Delta R.T. 0.08 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion:167 Resp: 43993

Ion	Ratio	Lower	Upper
167	100		
166	4.0	19.2	28.8#
139	4.4	10.6	16.0#



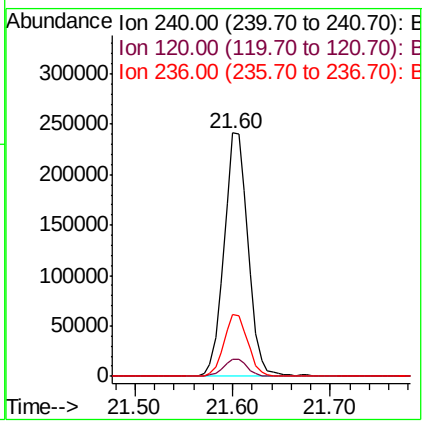


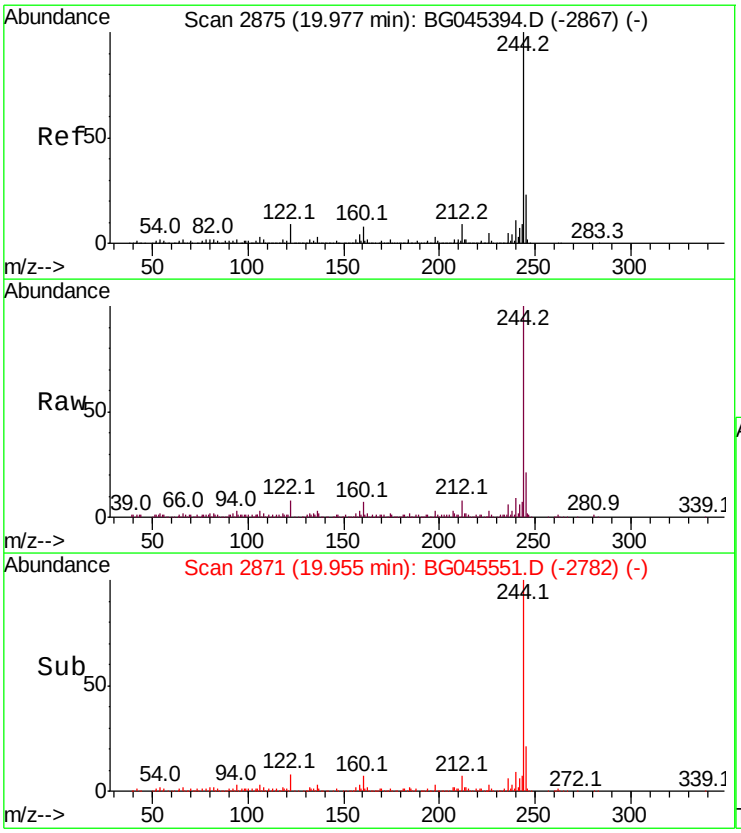
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion:240 Resp: 411357

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.1	9.1
236	25.4	22.3	33.5

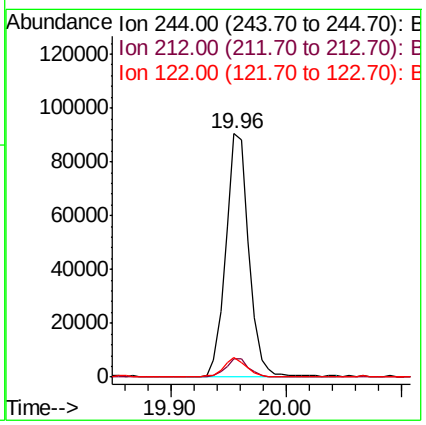


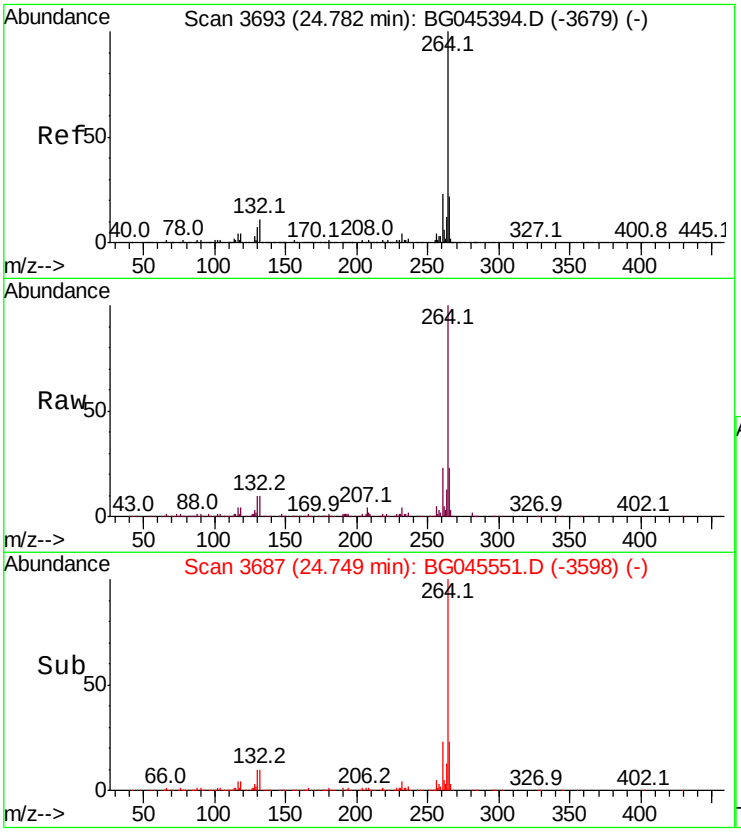


#79
Terphenyl-d14
Concen: 7.075 ng
RT: 19.96 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion:244 Resp: 124781

Ion	Ratio	Lower	Upper
244	100		
212	7.6	7.4	11.0
122	8.0	6.8	10.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

Tgt Ion:264 Resp: 440346

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	22.9	17.6	26.4