Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062220\
Data File : BG045826.D
Acq On : 22 Jun 2020 13:56
Operator : CG/JU
Sample : L3033-10DL2 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z1-DUP-0572-200616DL2

Quant Time: Jun 22 14:31:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	42568	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	169962	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	132155	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	320580	20.00	ng		0.00
76) Chrysene-d12	21.57	240	335967	20.00	ng		0.00
86) Perylene-d12	24.70	264	350073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	2575	1.02	ng		0.00
7) Phenol-d6	7.15	99	2380	0.62	ng		-0.01
23) Nitrobenzene-d5	9.08	82	5388	1.45	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	4234	2.12	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	14762	1.64	ng		0.00
79) Terphenyl-d14	19.93	244	28652	1.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	123846	107.304	ng		99
4) n-Nitrosodimethylamine	3.68	42	9006	7.845	ng	#	1
6) Aniline	7.34	93	21841	4.839	ng	#	55
10) Phenol	7.17	94	14308	3.852	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	21841	7.742	ng		95
14) 1,2-Dichlorobenzene	8.27	146	21589	7.024	ng		89
15) Benzyl Alcohol	8.41	79	10801	3.641	ng	#	15
17) 2-Methylphenol	8.41	107	20977	7.589	ng		93
20) 3+4-Methylphenols	8.74	107	141331	38.880	ng	#	74
27) 2,4-Dimethylphenol	9.93	122	21949	8.699	ng		95
32) Benzoic acid	10.20	122	34051	25.894	ng	#	28
41) Hexachlorocyclopentadiene	12.33	237	55	8.439	ng	#	27
51) 2,6-Dinitrotoluene	14.56	165	16973	7.299	ng	#	26
56) 4-Nitrophenol	14.61	139	64	4.010	ng	#	45
57) 2,4-Dinitrotoluene	14.56	165	16973	5.094	ng	#	25
70) Pentachlorophenol	17.05	266	63	7.659	ng	#	17

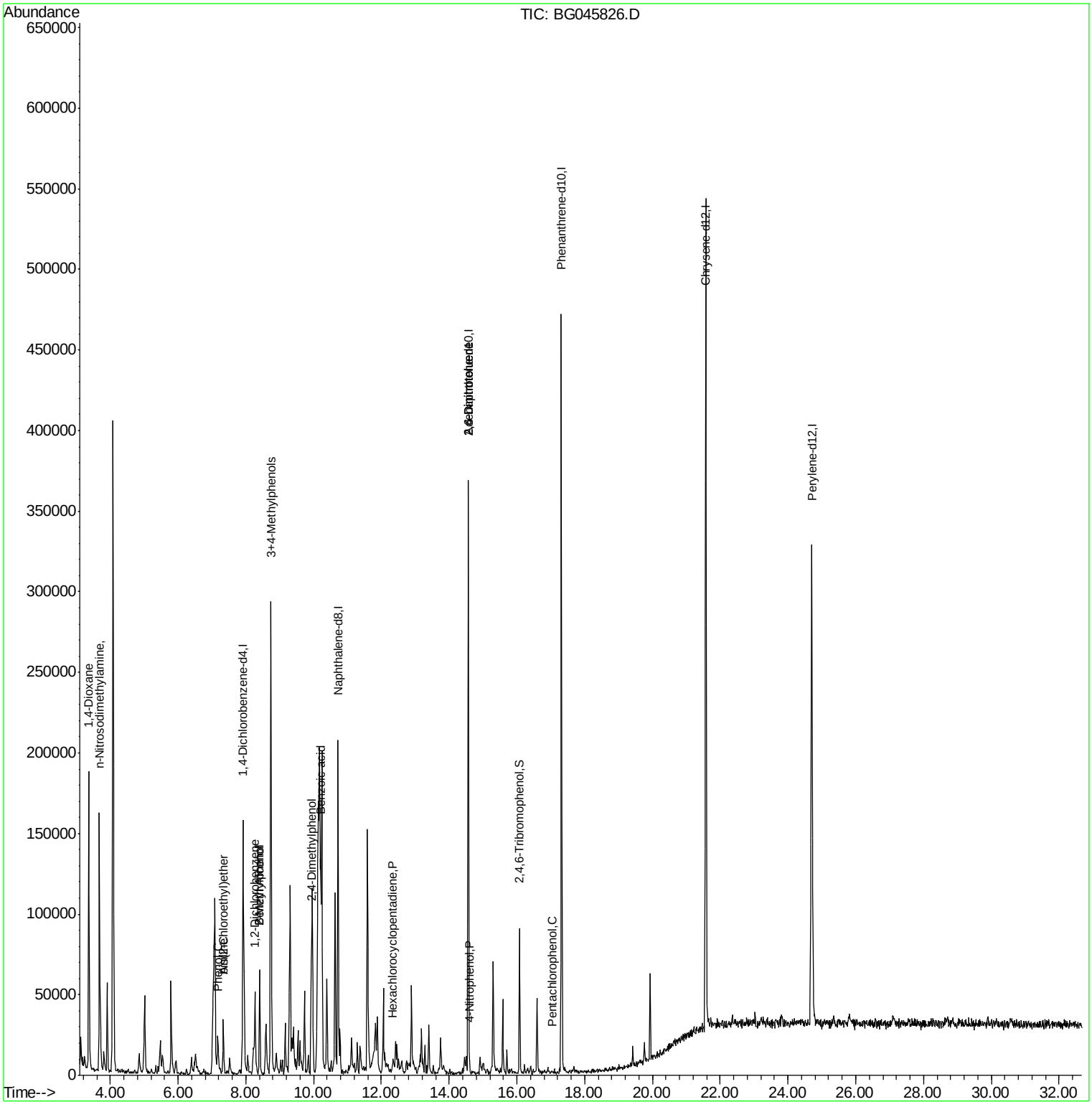
(#) = qualifier out of range (m) = manual integration (+) = signals summed

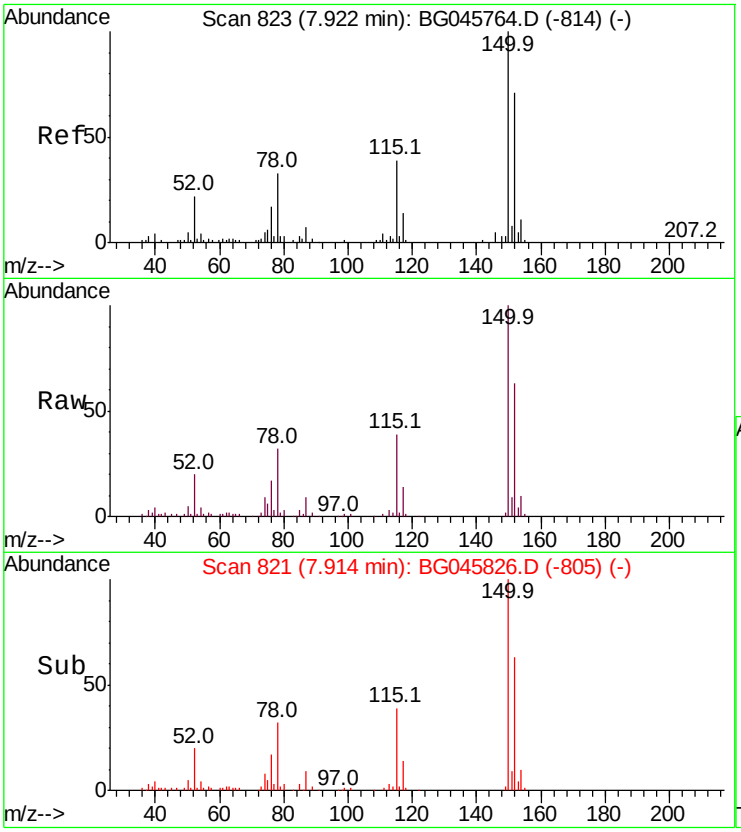
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG062220\
Data File : BG045826.D
Acq On : 22 Jun 2020 13:56
Operator : CG/JU
Sample : L3033-10DL2 50X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Quant Time: Jun 22 14:31:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration



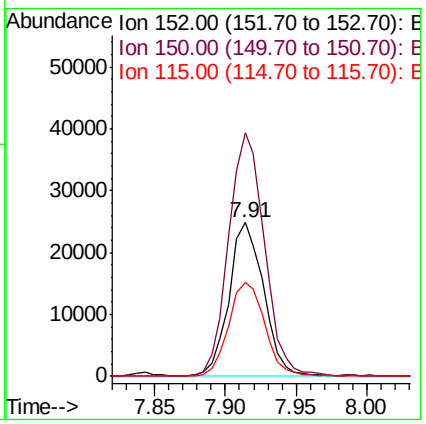


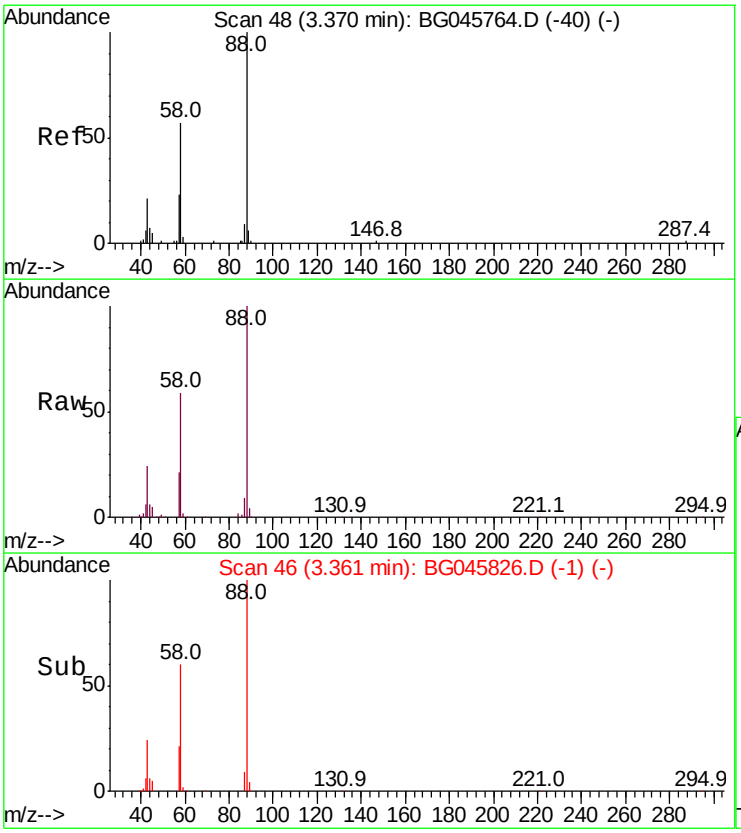
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion:152 Resp: 42568

Ion	Ratio	Lower	Upper
152	100		
150	158.2	113.1	169.7
115	61.1	43.8	65.6

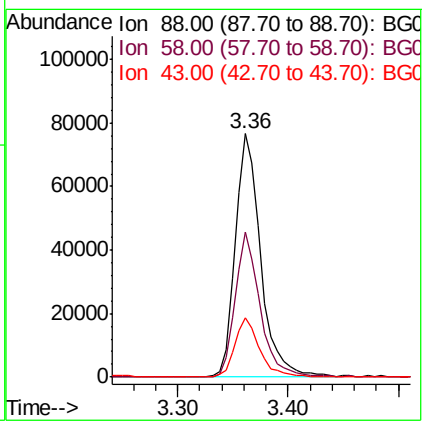


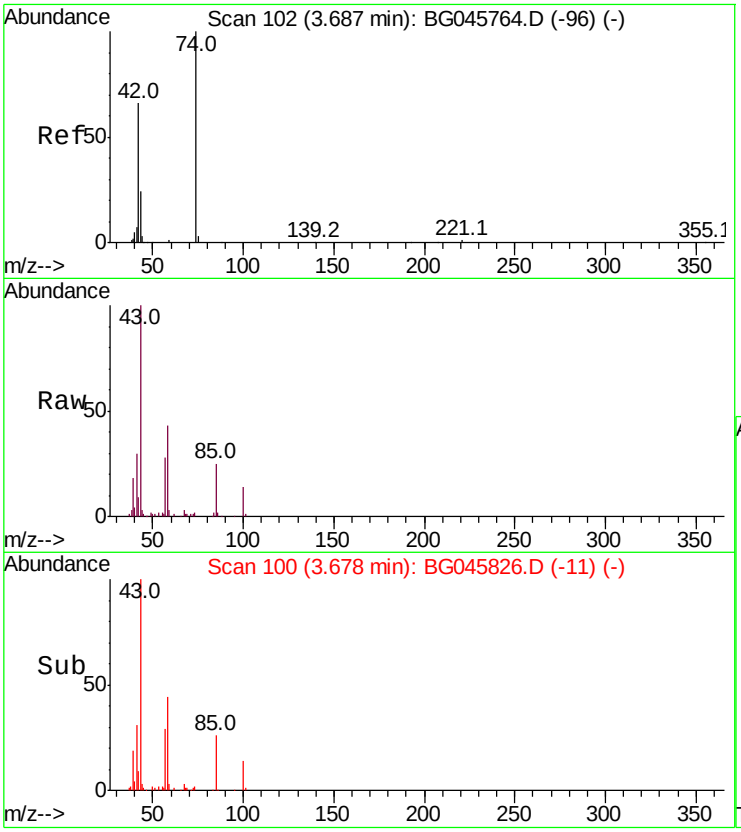


#2
1,4-Dioxane
Concen: 107.304 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion: 88 Resp: 123846

Ion	Ratio	Lower	Upper
88	100		
58	58.4	46.1	69.1
43	23.9	19.2	28.8



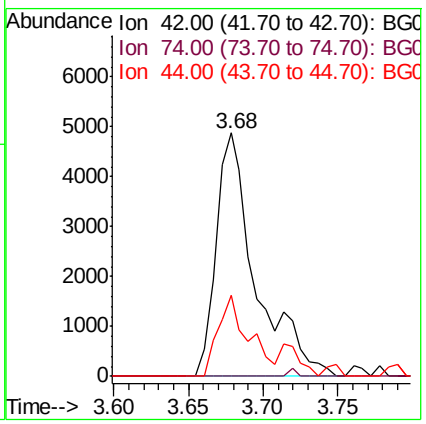


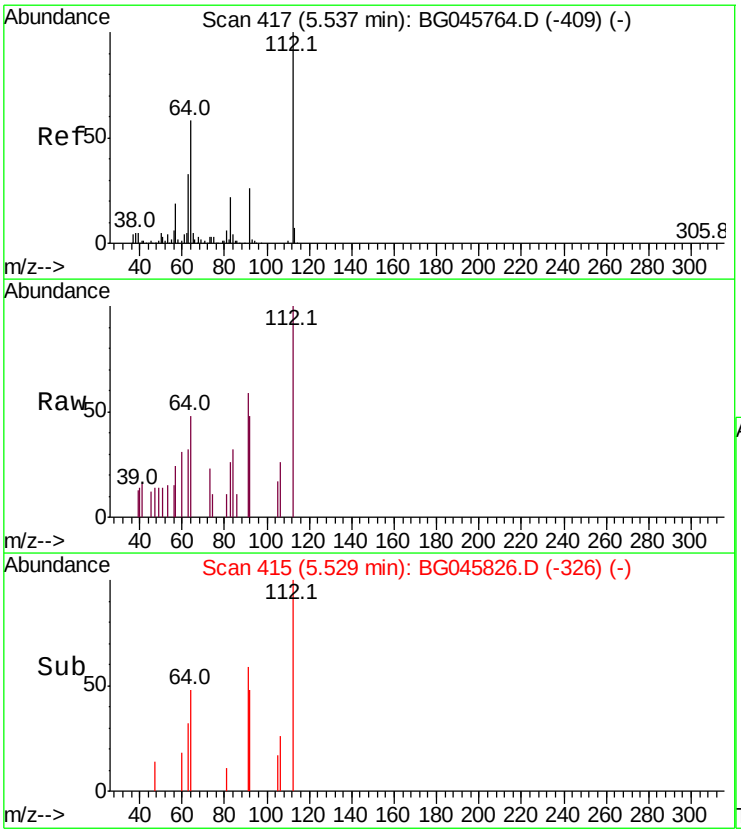
#4
n-Nitrosodimethylamine
Concen: 7.845 ng
RT: 3.68 min Scan# 100
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion: 42 Resp: 9006

Ion	Ratio	Lower	Upper
42	100		
74	0.0	121.0	181.4#
44	33.5	3.5	5.3#

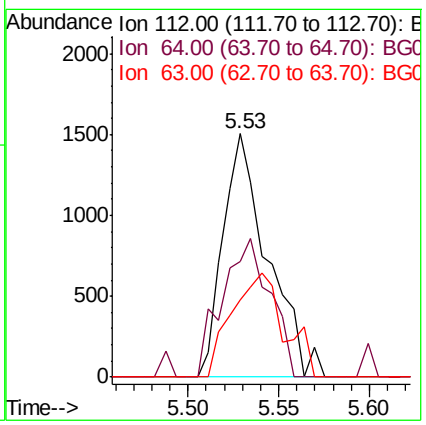


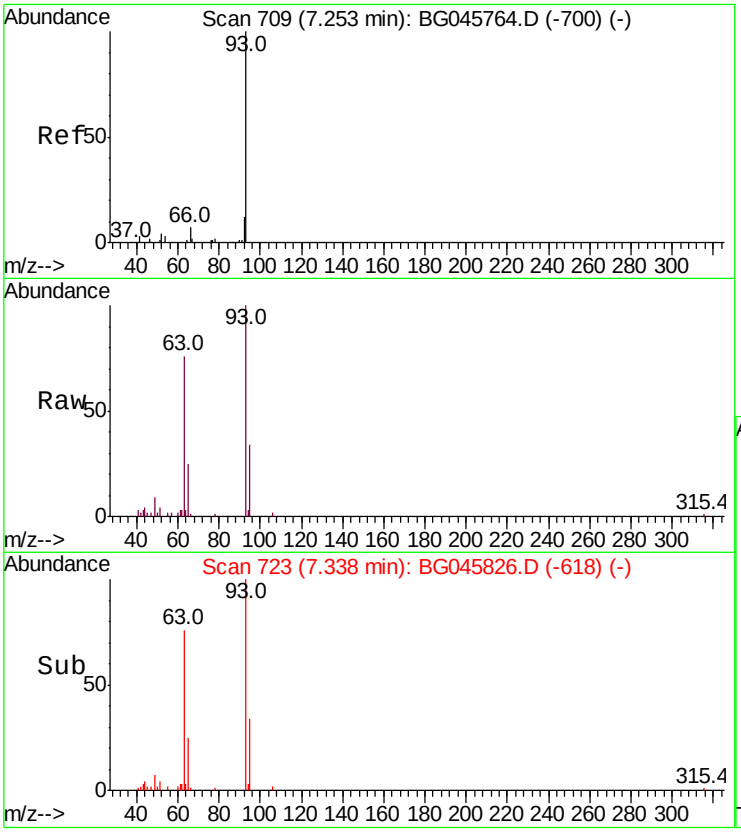


#5
2-Fluorophenol
Concen: 1.022 ng
RT: 5.53 min Scan# 415
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion:112 Resp: 2575

Ion	Ratio	Lower	Upper
112	100		
64	47.7	46.6	69.8
63	31.6	26.3	39.5



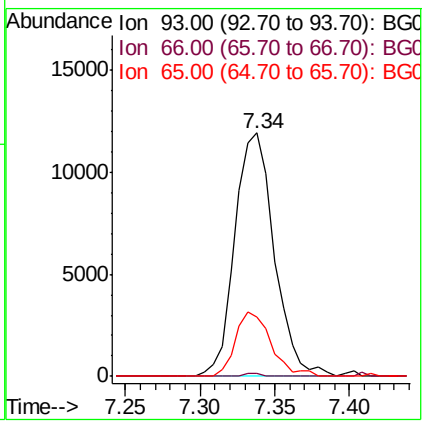


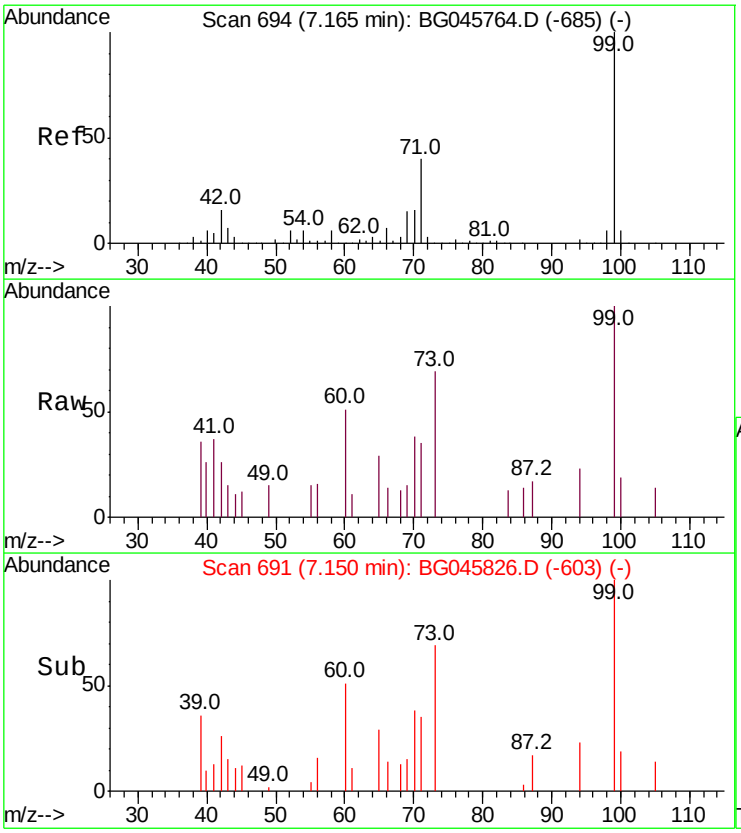
#6
Aniline
Concen: 4.839 ng
RT: 7.34 min Scan# 723
Delta R.T. 0.09 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion: 93 Resp: 21841

Ion	Ratio	Lower	Upper
93	100		
66	1.3	30.0	45.0#
65	24.5	14.7	22.1#

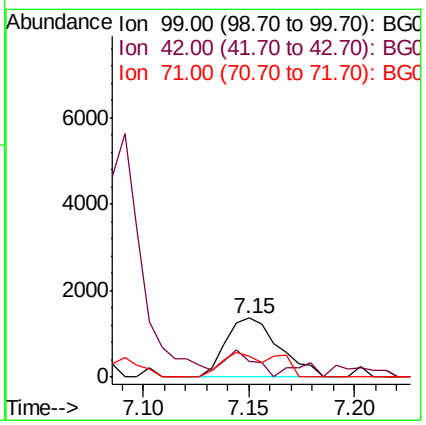


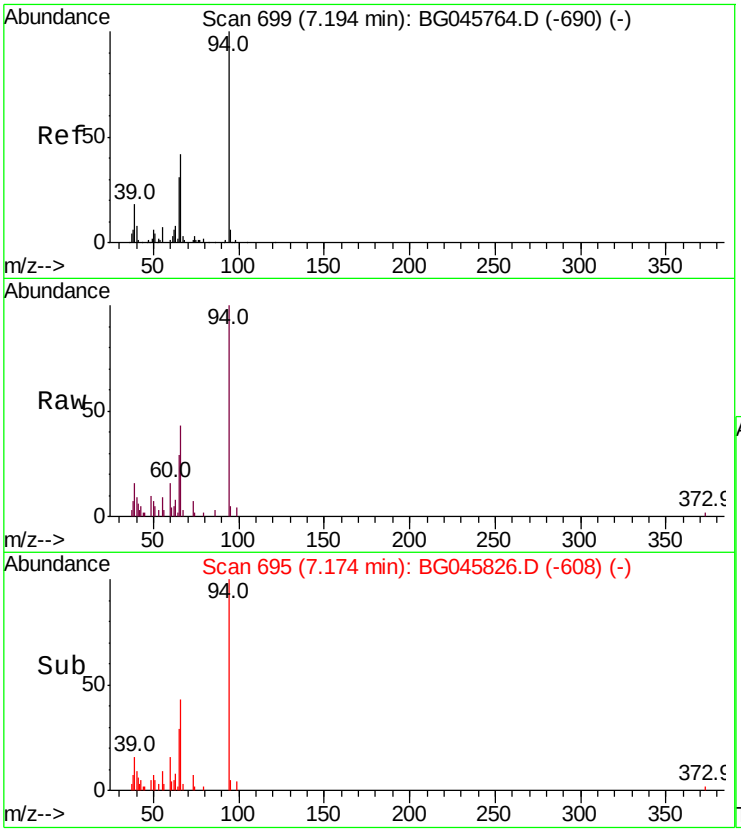


#7
Phenol-d6
Concen: 0.621 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion: 99 Resp: 2380

Ion	Ratio	Lower	Upper
99	100		
42	25.9	12.4	18.6#
71	35.1	32.1	48.1



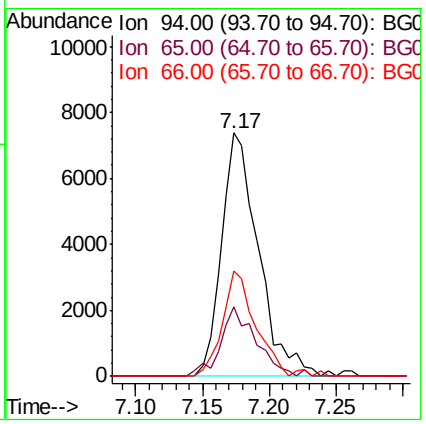


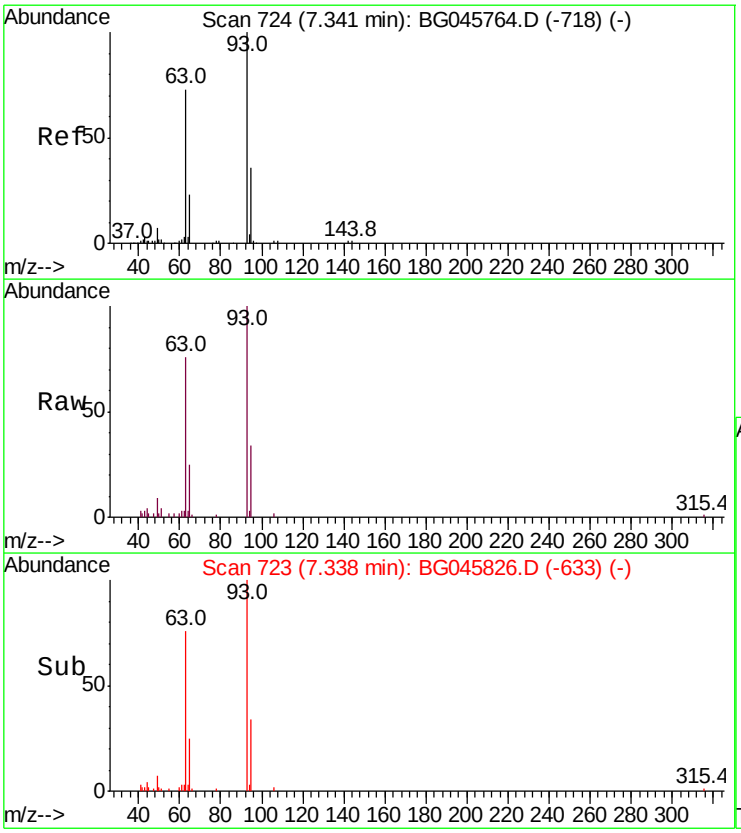
#10
Phenol
Concen: 3.852 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion: 94 Resp: 14308

Ion	Ratio	Lower	Upper
94	100		
65	28.7	10.7	50.7
66	43.5	22.5	62.5

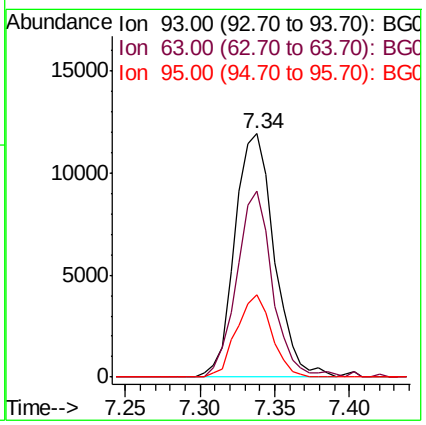


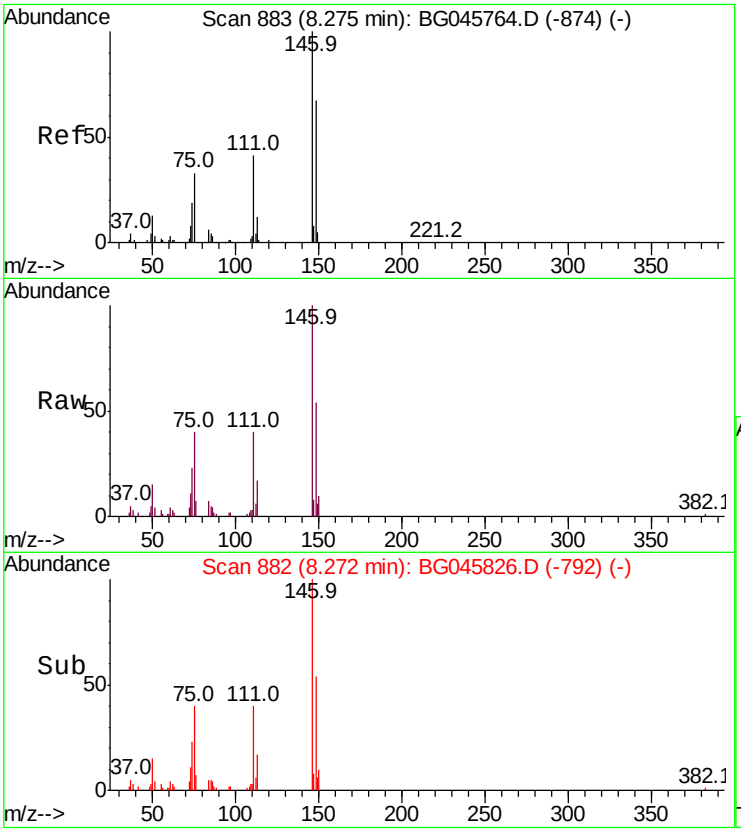


#11
bis(2-Chloroethyl)ether
Concen: 7.742 ng
RT: 7.34 min Scan# 723
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion: 93 Resp: 21841

Ion	Ratio	Lower	Upper
93	100		
63	76.4	52.0	92.0
95	34.0	15.6	55.6



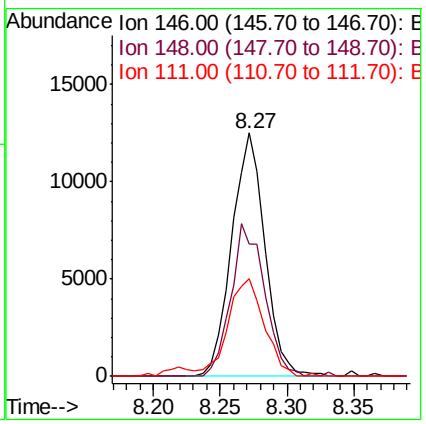


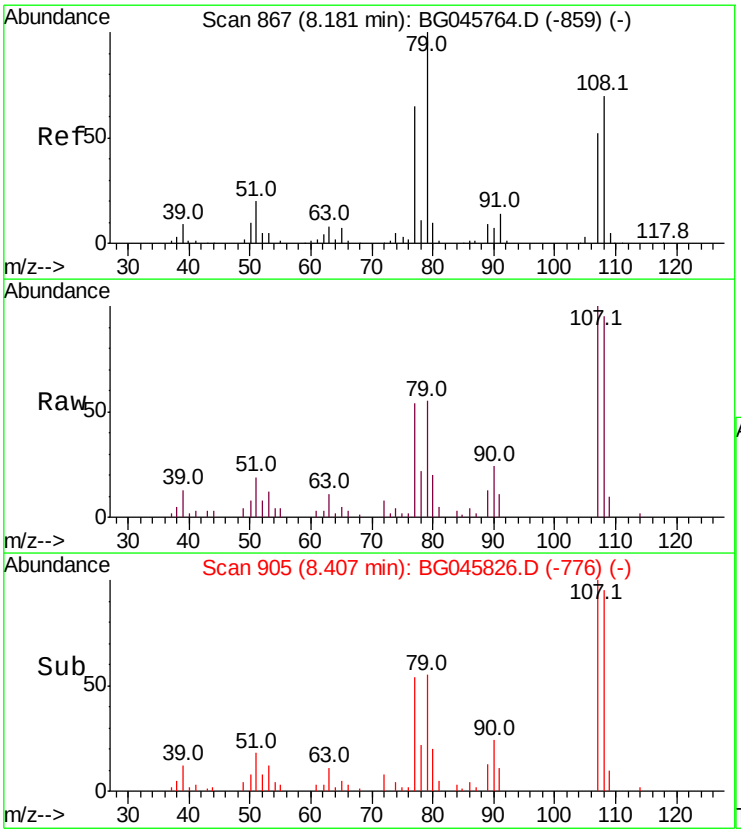
#14
1,2-Dichlorobenzene
Concen: 7.024 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion:146 Resp: 21589

Ion	Ratio	Lower	Upper
146	100		
148	54.3	54.1	81.1
111	40.4	32.9	49.3

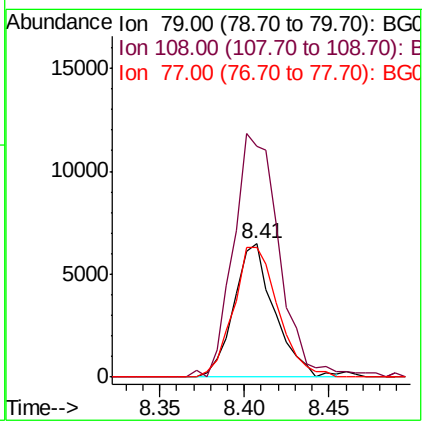


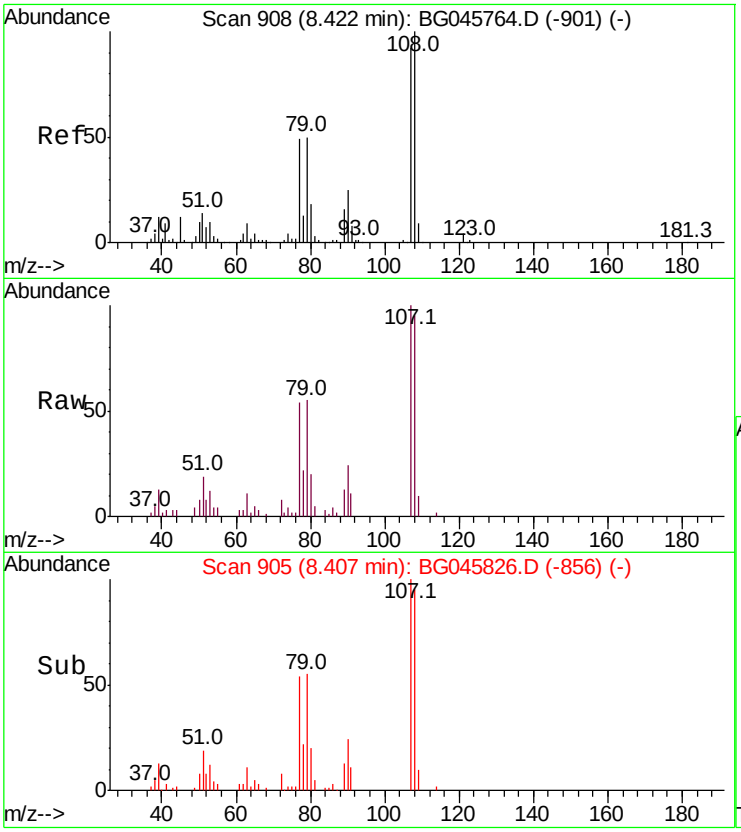


#15
Benzyl Alcohol
Concen: 3.641 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.23 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion: 79 Resp: 10801

Ion	Ratio	Lower	Upper
79	100		
108	173.2	56.2	84.4#
77	97.7	52.2	78.2#



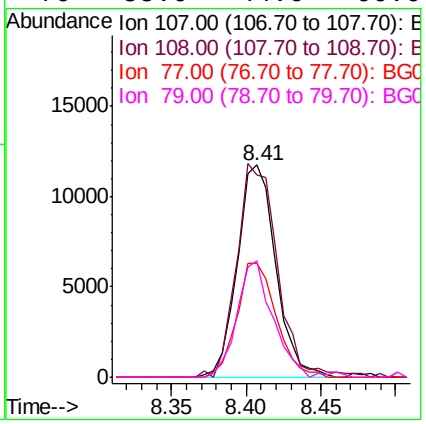


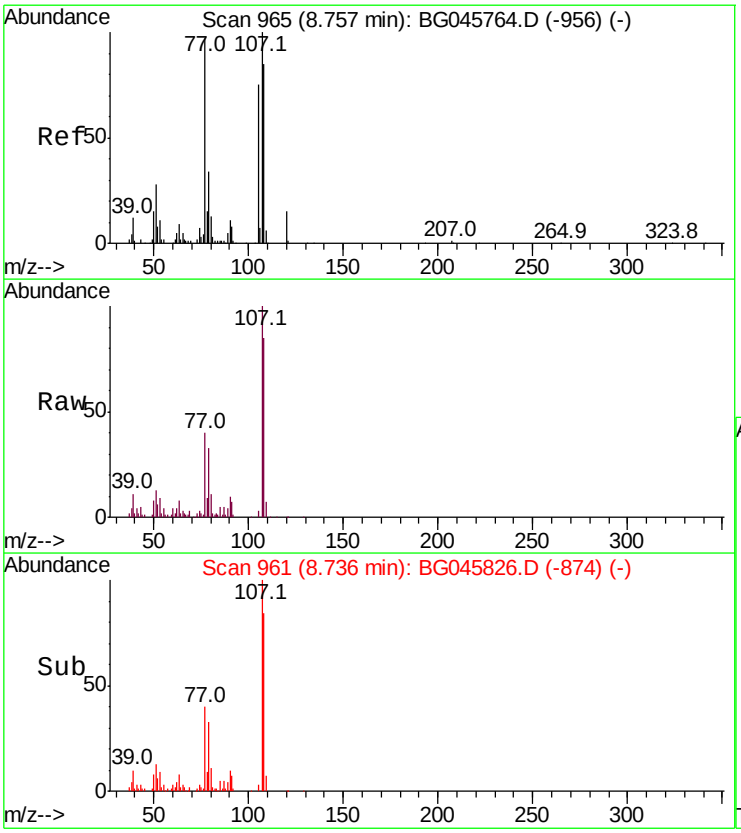
#17
2-Methylphenol
Concen: 7.589 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion:107 Resp: 20977

Ion	Ratio	Lower	Upper
107	100		
108	95.2	87.4	131.0
77	53.7	42.5	63.7
79	55.0	44.0	66.0

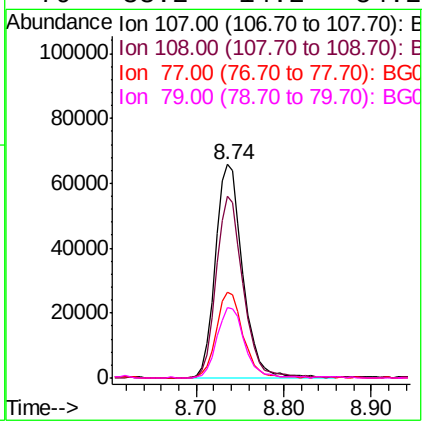


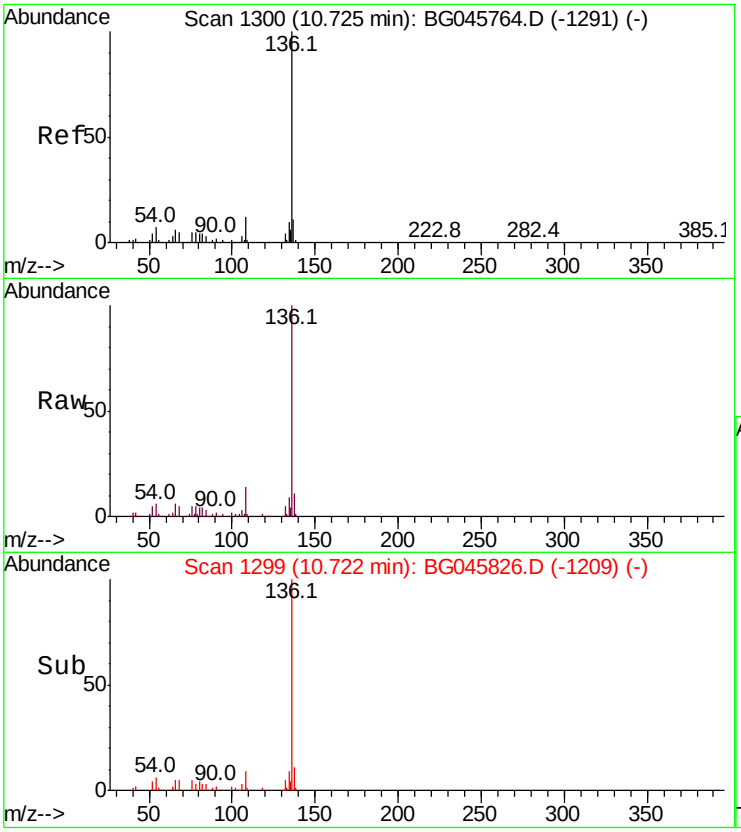


#20
3+4-Methylphenols
Concen: 38.880 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion:107 Resp: 141331

Ion	Ratio	Lower	Upper
107	100		
108	85.0	65.4	105.4
77	40.3	77.2	117.2#
79	33.2	14.2	54.2



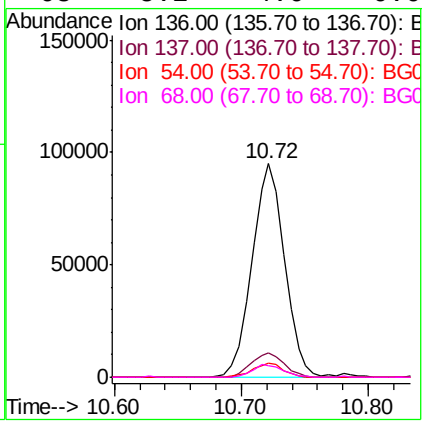


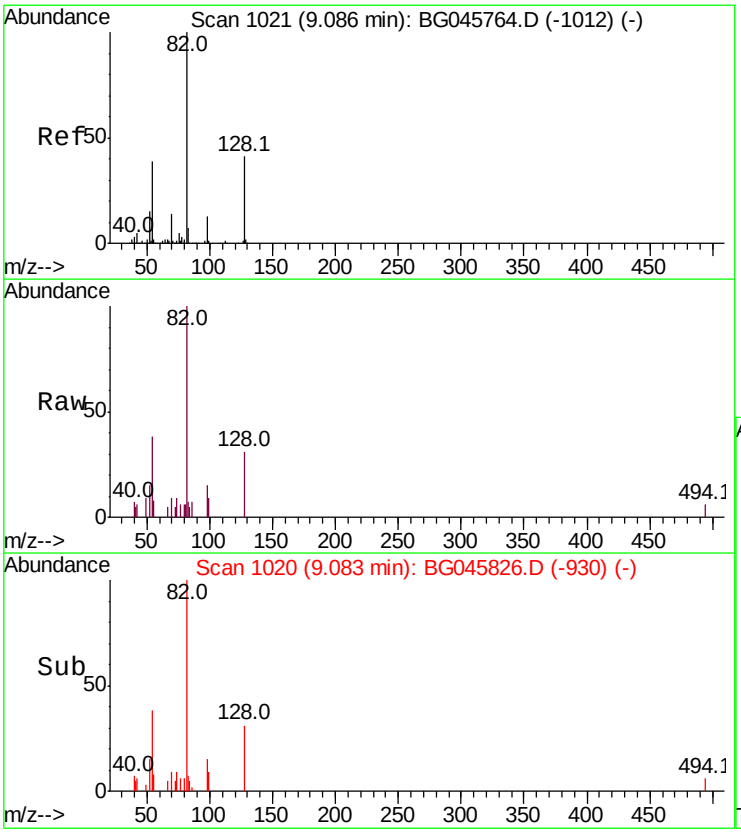
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion:136 Resp: 169962

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	6.4	5.8	8.6
68	5.2	4.0	6.0

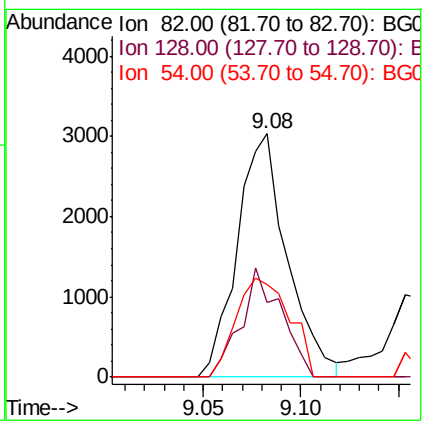


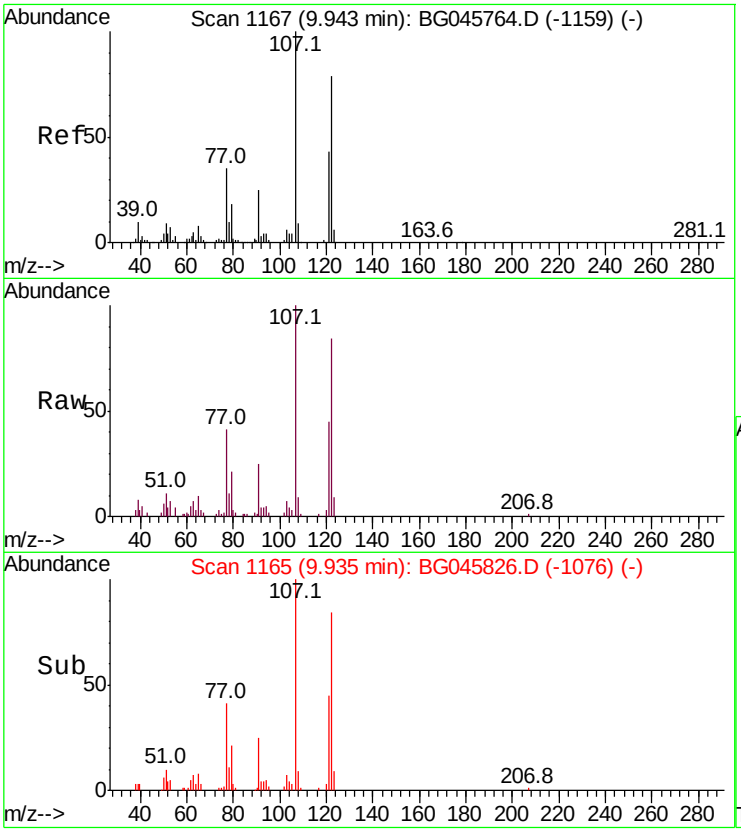


#23
Nitrobenzene-d5
Concen: 1.448 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion: 82 Resp: 5388

Ion	Ratio	Lower	Upper
82	100		
128	30.7	32.5	48.7#
54	37.9	31.2	46.8



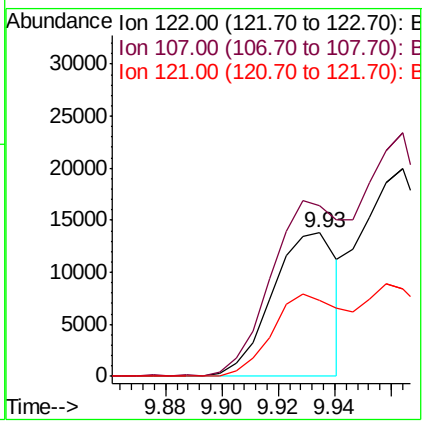


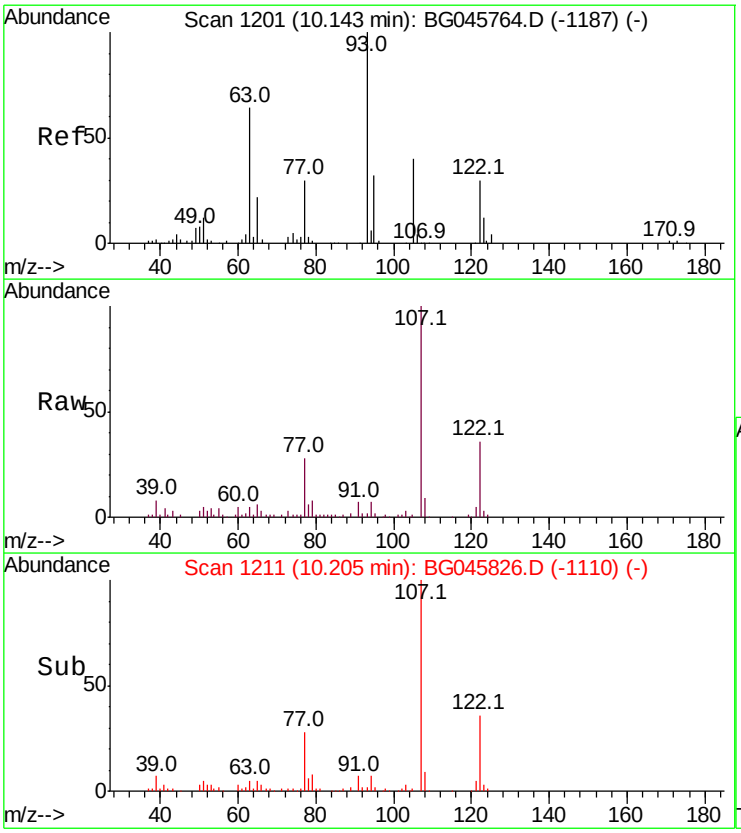
#27
2,4-Dimethylphenol
Concen: 8.699 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion:122 Resp: 21949

Ion	Ratio	Lower	Upper
122	100		
107	119.1	101.3	151.9
121	53.1	43.9	65.9

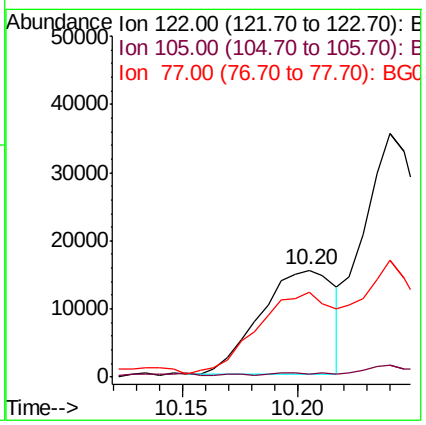


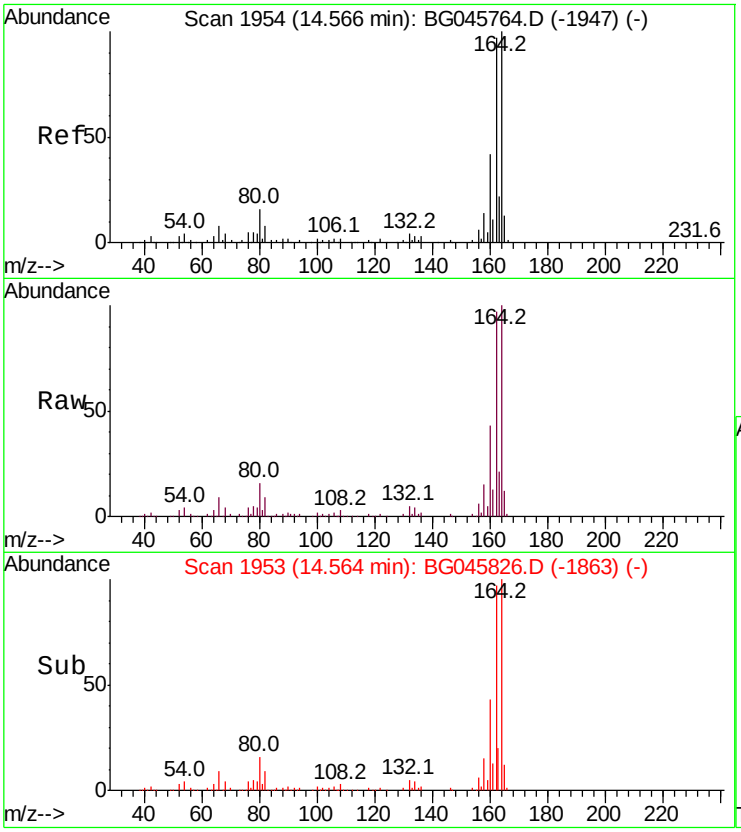


#32
Benzoic acid
Concen: 25.894 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.06 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion:122 Resp: 34051

Ion	Ratio	Lower	Upper
122	100		
105	2.9	112.9	152.9#
77	79.1	79.2	119.2#



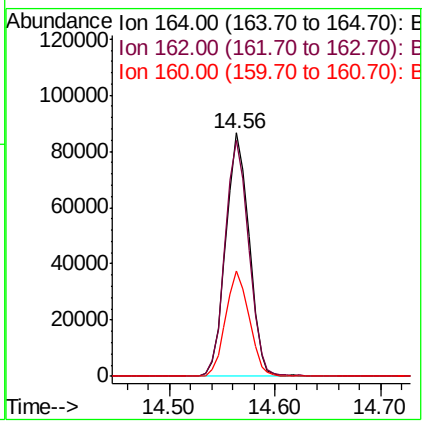


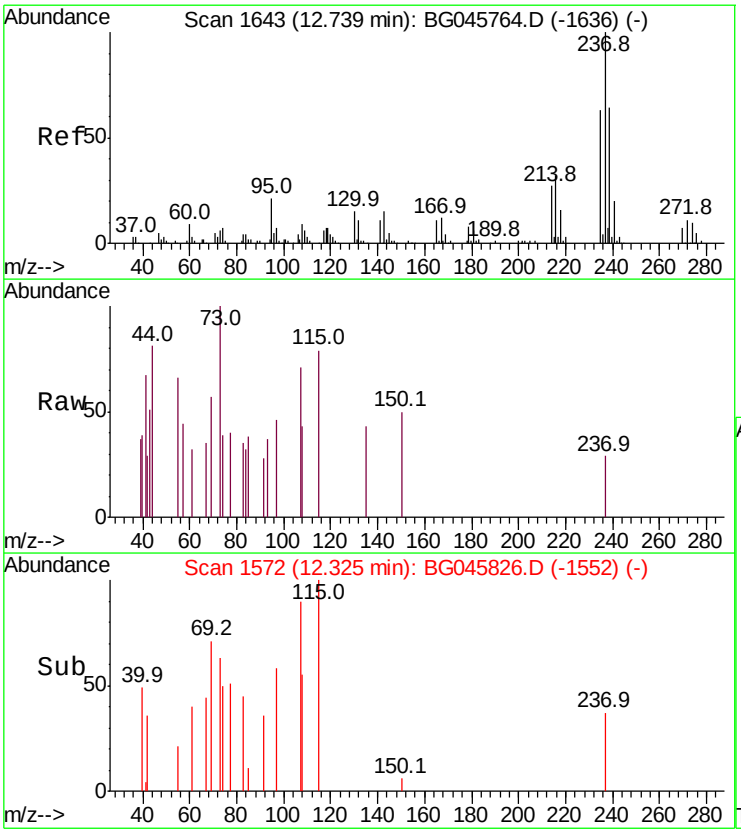
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion:164 Resp: 132155

Ion	Ratio	Lower	Upper
164	100		
162	96.7	77.4	116.0
160	43.3	33.3	49.9

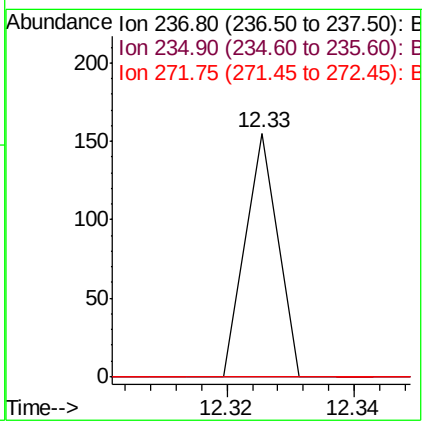


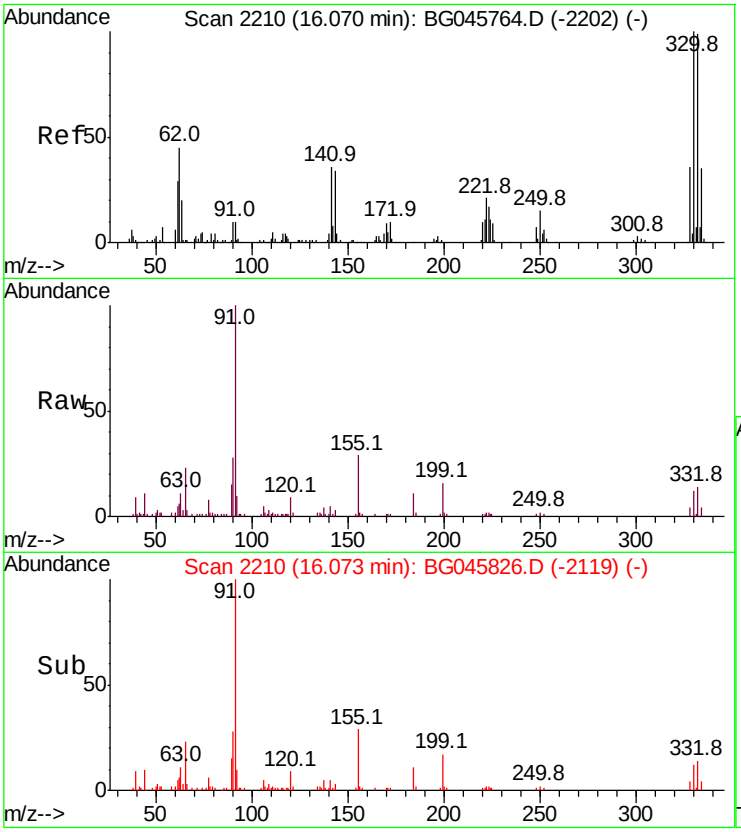


#41
Hexachlorocyclopentadiene
Concen: 8.439 ng
RT: 12.33 min Scan# 1572
Delta R.T. -0.41 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion:237 Resp: 55

Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.9	82.9#
272	0.0	0.0	30.9



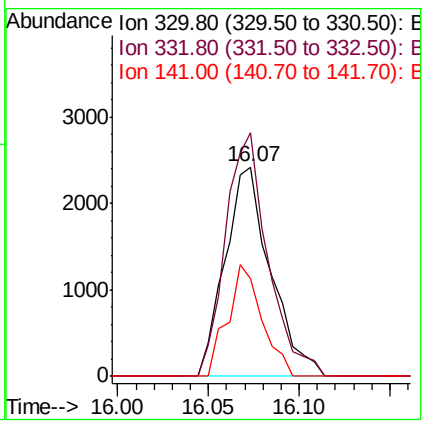


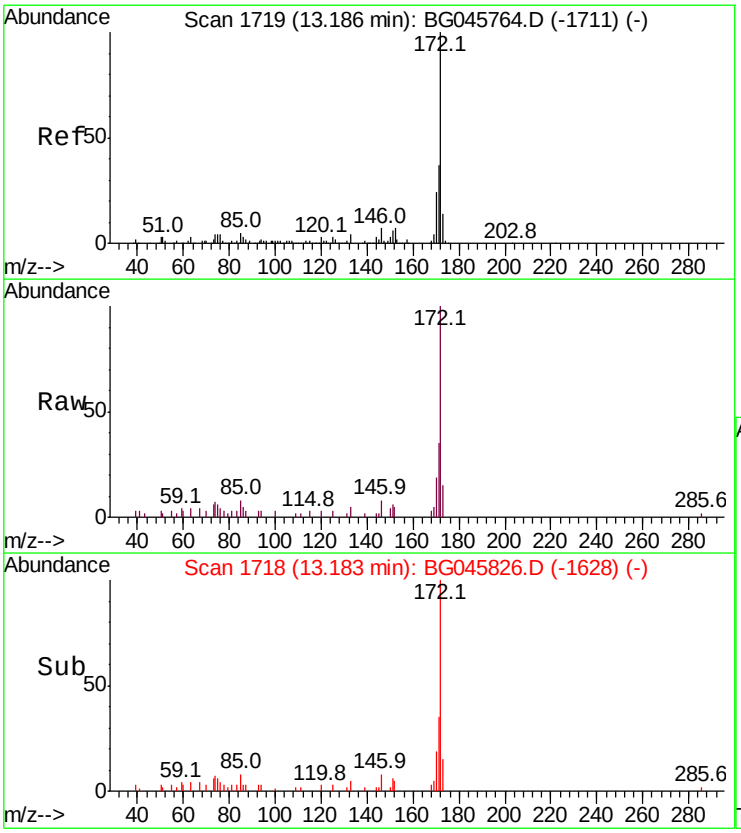
#42
2,4,6-Tribromophenol
Concen: 2.122 ng
RT: 16.07 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion:330 Resp: 4234

Ion	Ratio	Lower	Upper
330	100		
332	108.1	78.6	117.8
141	40.2	28.2	42.4

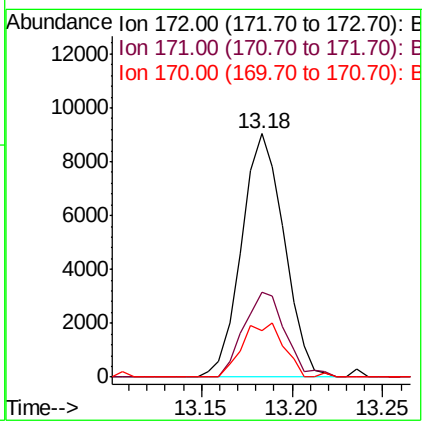


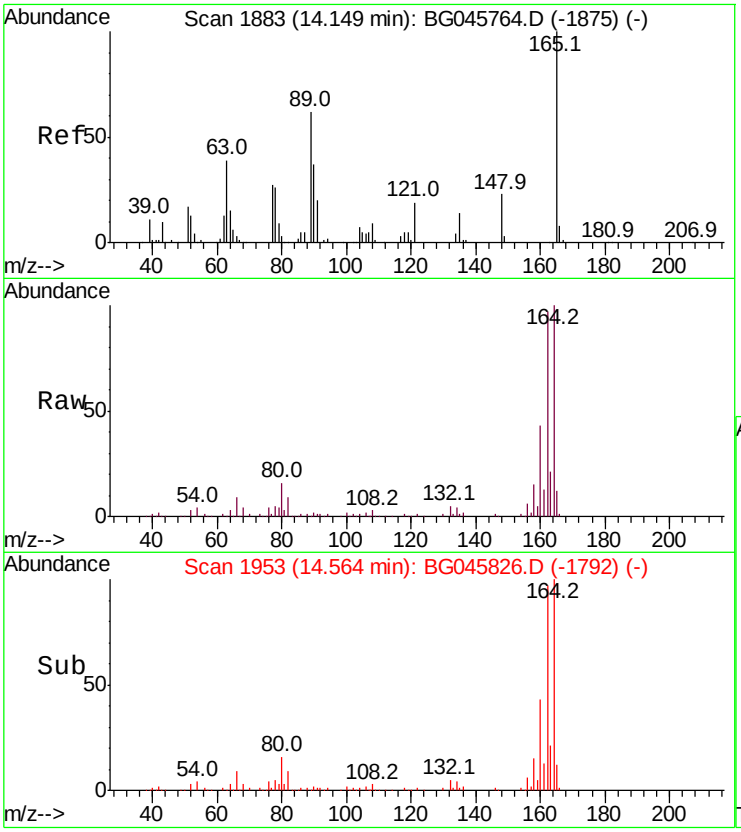


#45
2-Fluorobiphenyl
Concen: 1.642 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion:172 Resp: 14762

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	19.0	19.3	28.9#



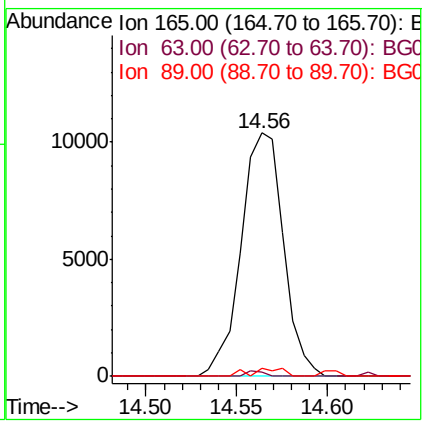


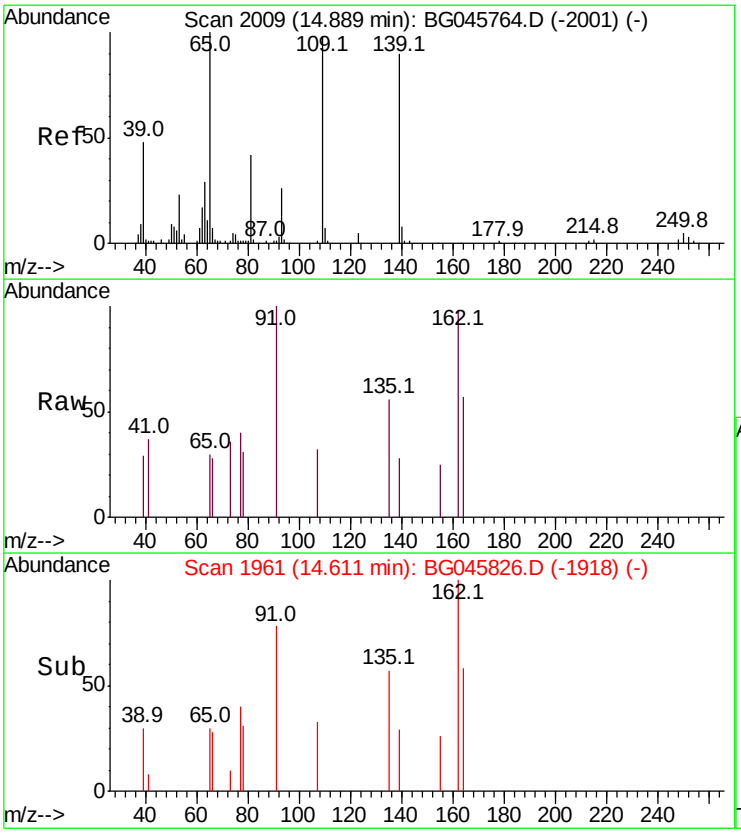
#51
2,6-Dinitrotoluene
Concen: 7.299 ng
RT: 14.56 min Scan# 1953
Delta R.T. 0.41 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion:165 Resp: 16973

Ion	Ratio	Lower	Upper
165	100		
63	1.7	41.2	61.8#
89	3.5	49.7	74.5#

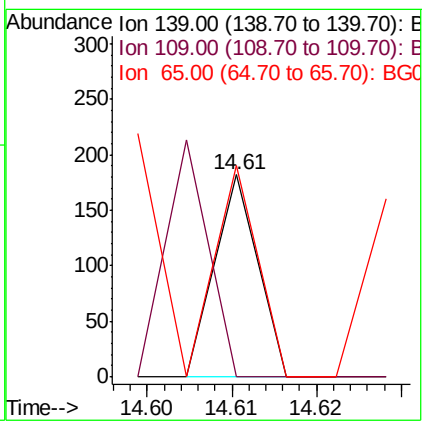


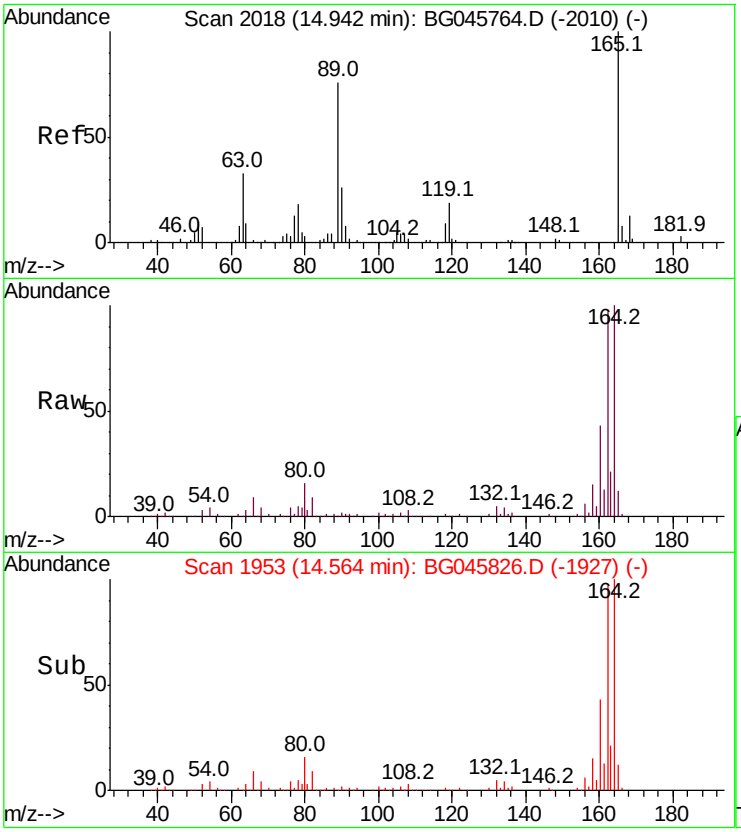


#56
4-Nitrophenol
Concen: 4.010 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.28 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion:139 Resp: 64

Ion	Ratio	Lower	Upper
139	100		
109	0.0	88.9	128.9#
65	104.4	92.3	132.3



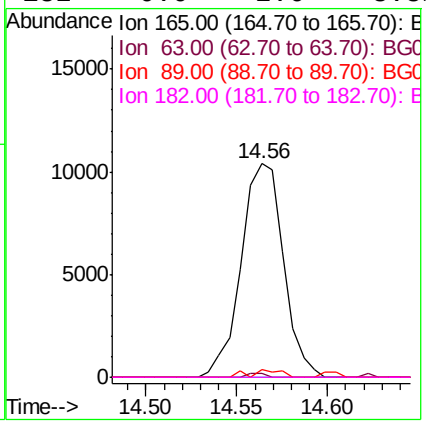


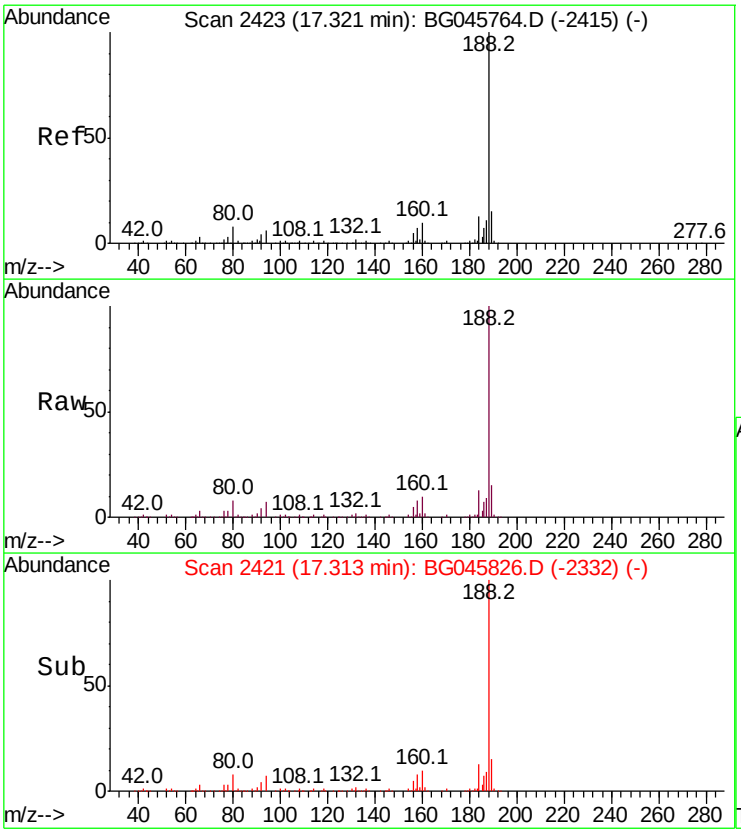
#57
2,4-Dinitrotoluene
Concen: 5.094 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.38 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion:165 Resp: 16973

Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.8	50.8#
89	3.5	60.4	90.6#
182	0.0	2.6	3.8#

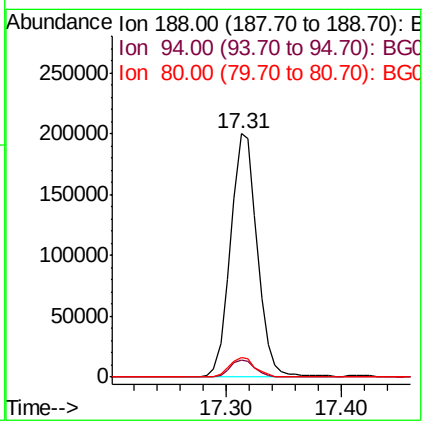


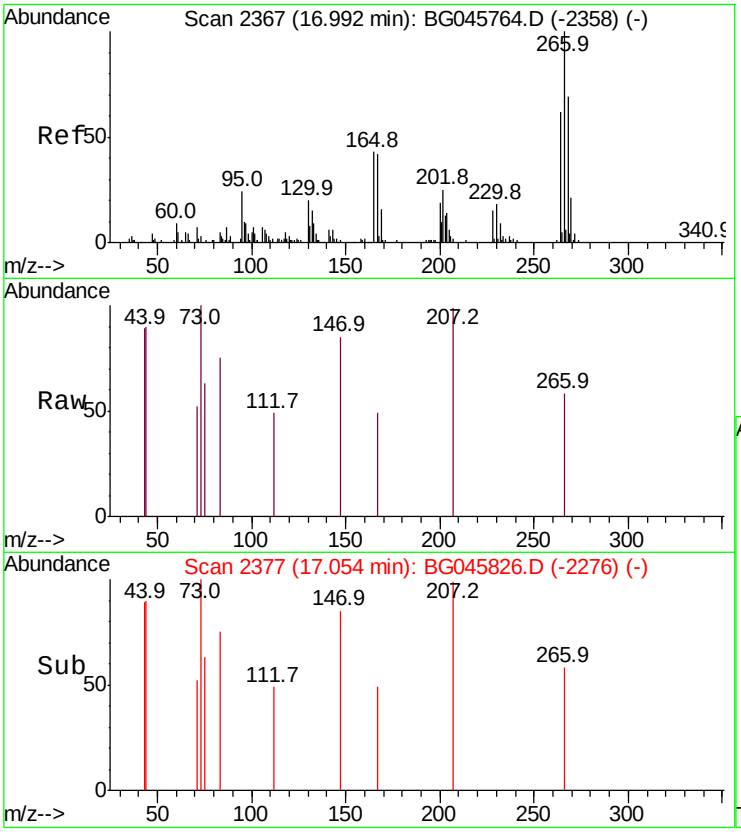


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.31 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion:188 Resp: 320580

Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	8.3	6.2	9.4



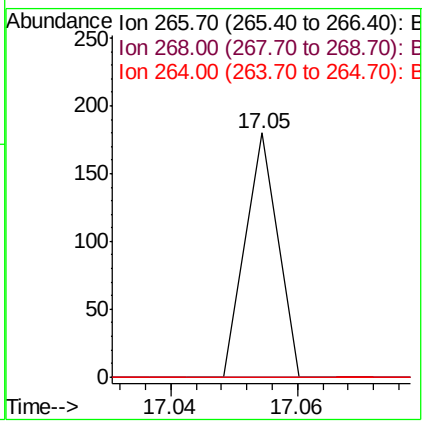


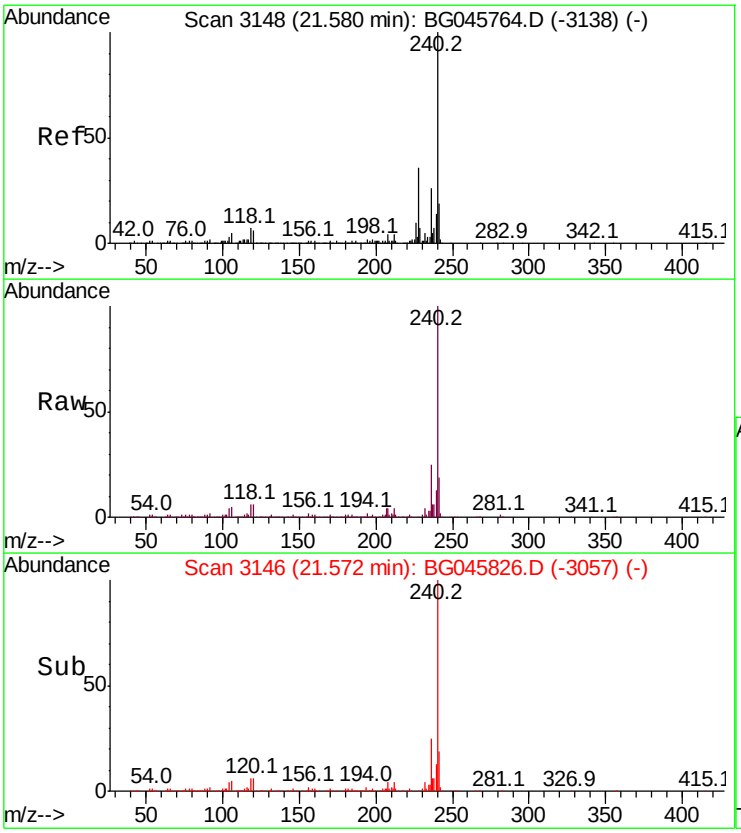
#70
Pentachlorophenol
Concen: 7.659 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.06 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion:266 Resp: 63

Ion	Ratio	Lower	Upper
266	100		
268	0.0	55.4	83.0#
264	0.0	49.8	74.6#

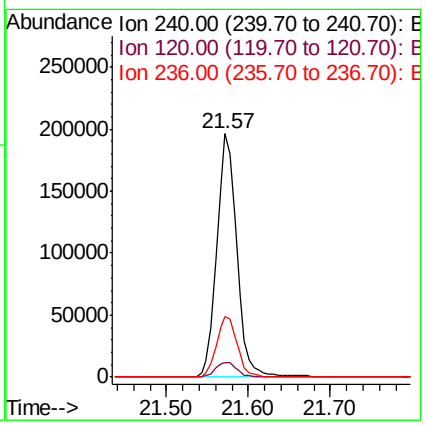


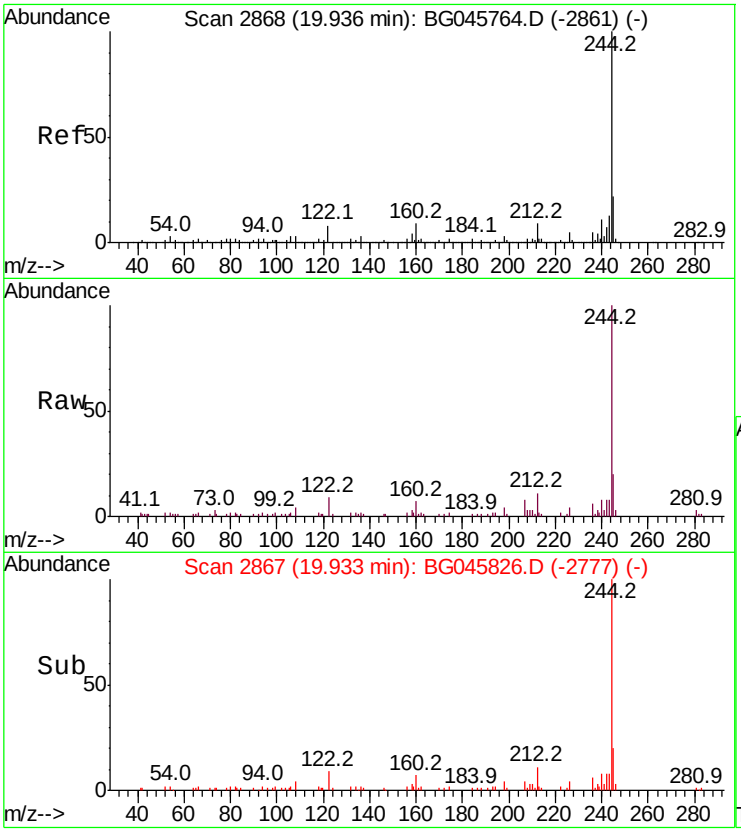


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion:240 Resp: 335967

Ion	Ratio	Lower	Upper
240	100		
120	6.2	5.0	7.4
236	25.0	20.6	30.8



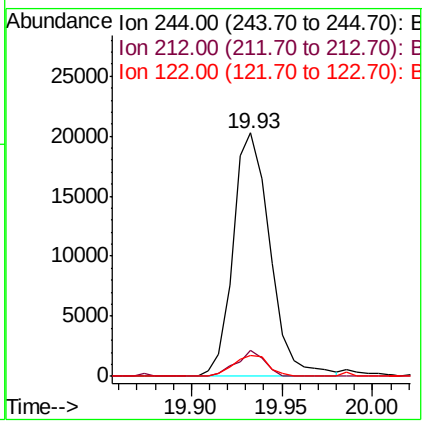


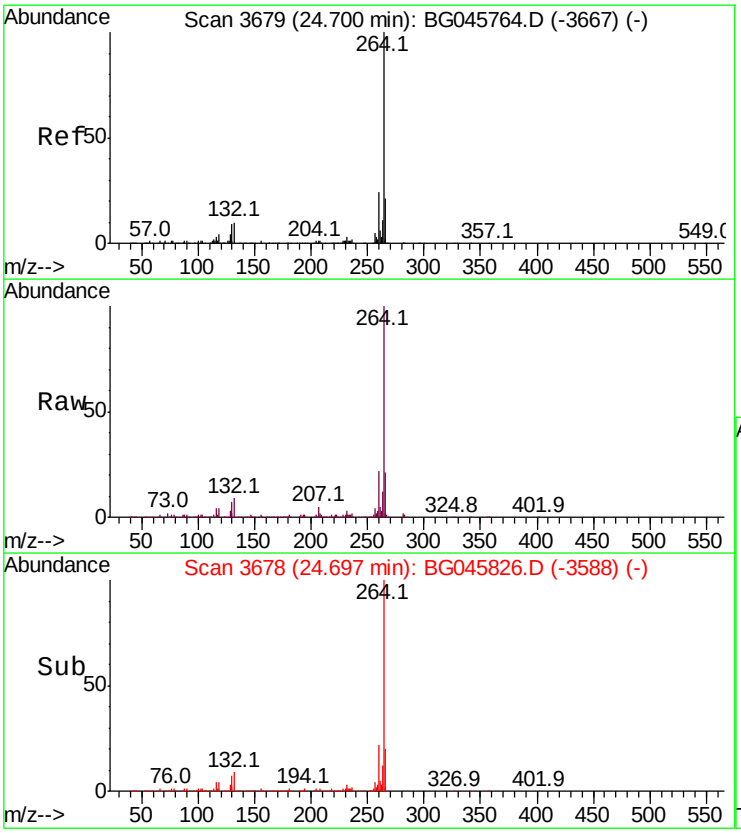
#79
Terphenyl-d14
Concen: 1.728 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616DL2

Tgt Ion:244 Resp: 28652

Ion	Ratio	Lower	Upper
244	100		
212	10.5	7.2	10.8
122	8.8	6.4	9.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG045826.D
Acq: 22 Jun 2020 13:56

Tgt Ion:264 Resp: 350073

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.4
265	20.7	17.4	26.0