Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092619\
Data File : BG042935.D
Acq On : 26 Sep 2019 12:07
Operator : JU
Sample : K4839-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-ACIDS-WP

Quant Time: Sep 26 14:19:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	61978	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	222540	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	165568	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	397715	20.00	ng	0.00
76) Chrysene-d12	21.71	240	459939	20.00	ng	0.00
87) Perylene-d12	24.94	264	496176	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	502125	144.58	ng	0.00
7) Phenol-d6	7.25	99	742833	148.53	ng	0.00
23) Nitrobenzene-d5	9.23	82	467045	102.01	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	432717	151.99	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1134311	99.32	ng	0.00
79) Terphenyl-d14	20.04	244	2329331	107.92	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.64	128	507619	140.158	ng	98
10) Phenol	7.28	94	721524	157.249	ng	98
20) 3+4-Methylphenols	8.84	107	447774	101.772	ng	92
26) 2-Nitrophenol	9.99	139	342627	184.295	ng	96
27) 2,4-Dimethylphenol	10.06	122	592686	207.589	ng	99
29) 2,4-Dichlorophenol	10.53	162	618117	174.076	ng	97
36) 4-Chloro-3-methylphenol	12.15	107	478904	124.043	ng	98
43) 2,4,6-Trichlorophenol	13.13	196	235678	64.682	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	206828	55.102	ng	98
54) 2,4-Dinitrophenol	14.80	184	304558	185.468	ng	93
56) 4-Nitrophenol	14.91	139	248016	119.226	ng	96
65) 4,6-Dinitro-2-methylphenol	15.81	198	372220	165.392	ng	96
70) Pentachlorophenol	17.09	266	347327	108.301	ng	98

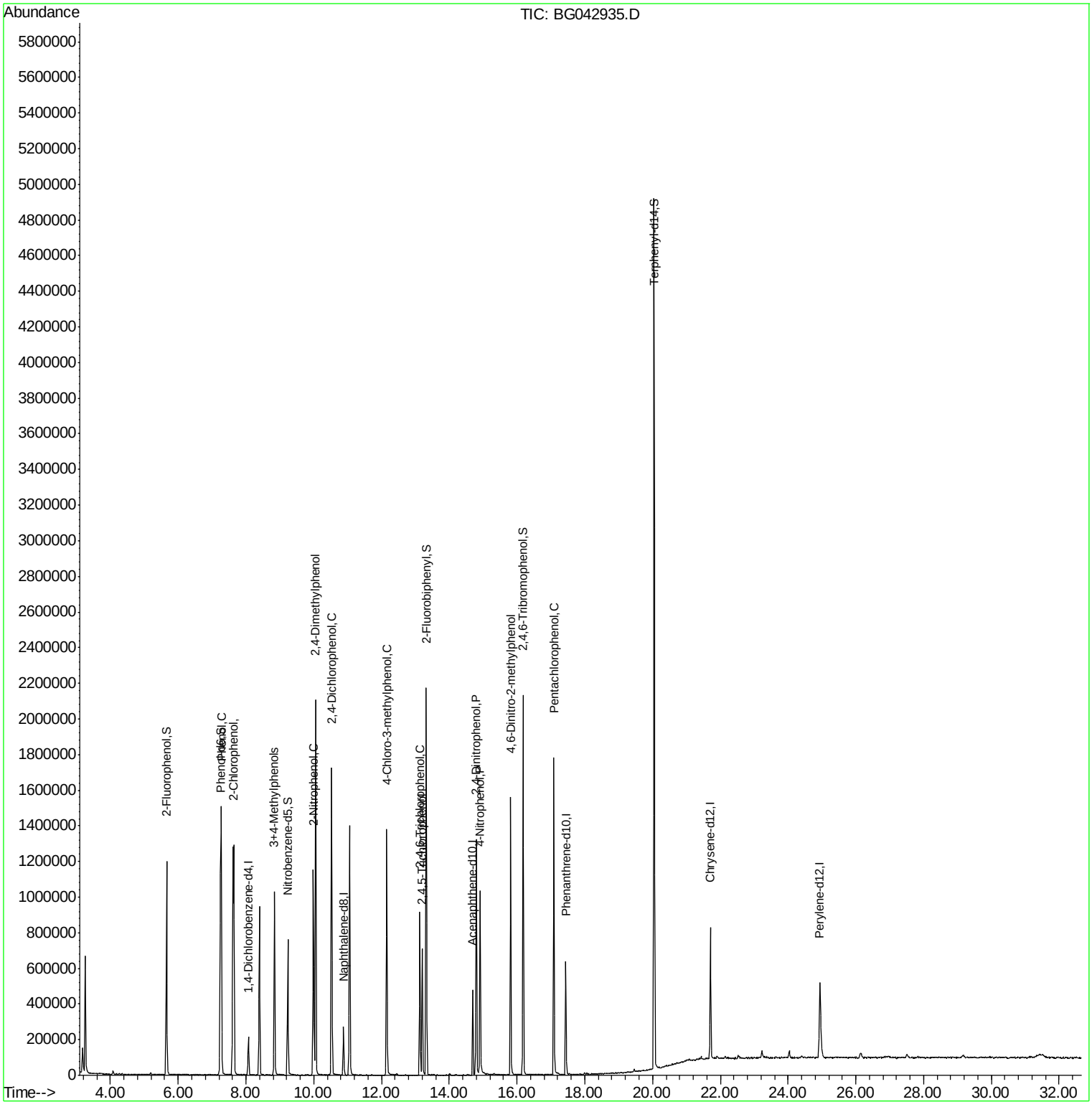
(#) = qualifier out of range (m) = manual integration (+) = signals summed

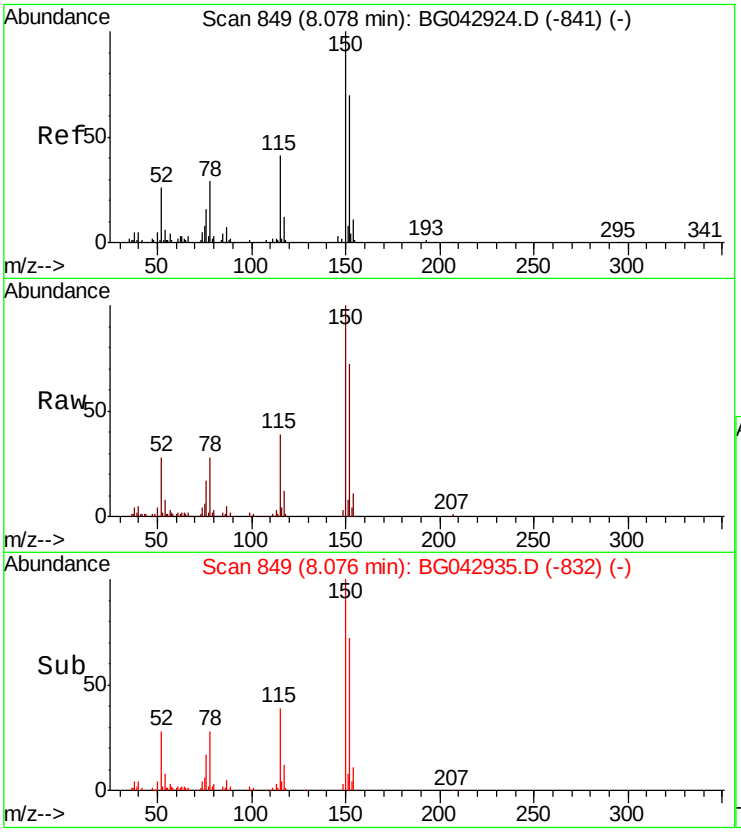
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092619\
Data File : BG042935.D
Acq On : 26 Sep 2019 12:07
Operator : JU
Sample : K4839-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Quant Time: Sep 26 14:19:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration



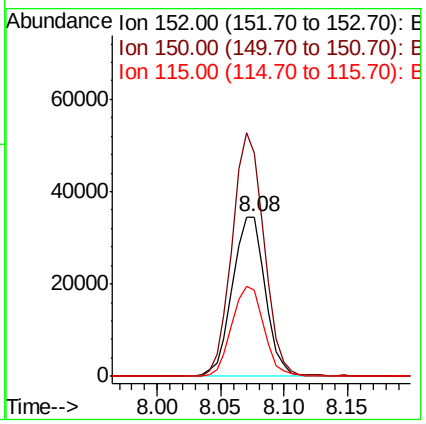


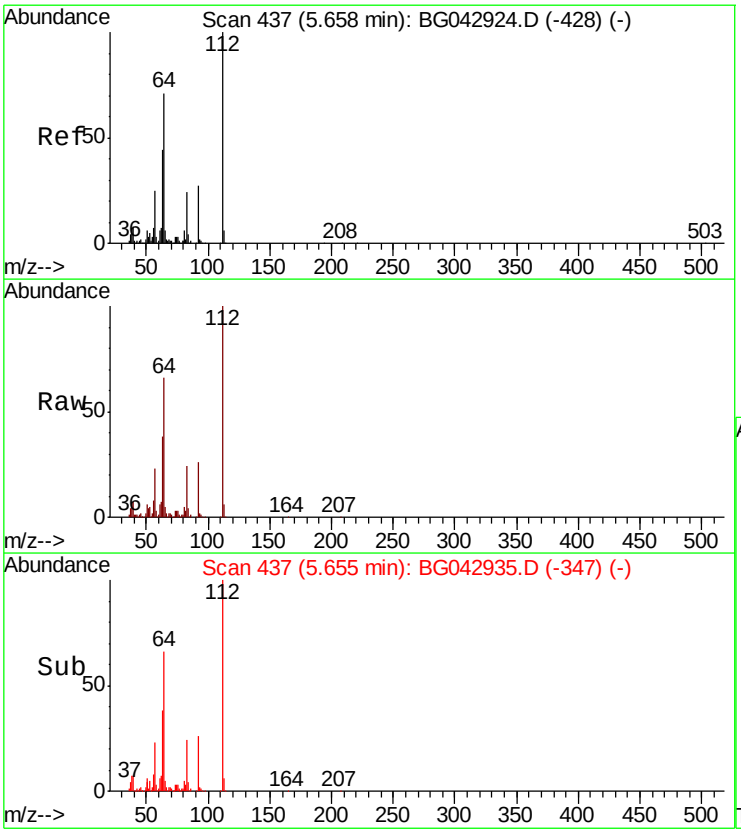
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:152 Resp: 61978

Ion	Ratio	Lower	Upper
152	100		
150	139.7	115.0	172.4
115	54.3	47.0	70.6

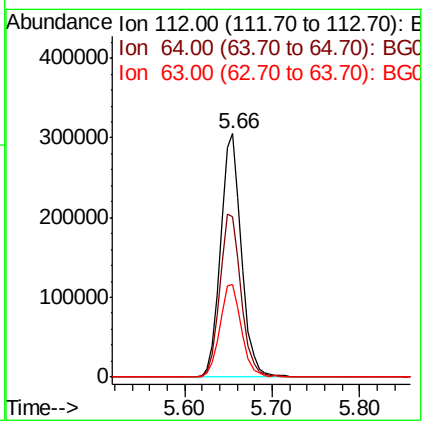


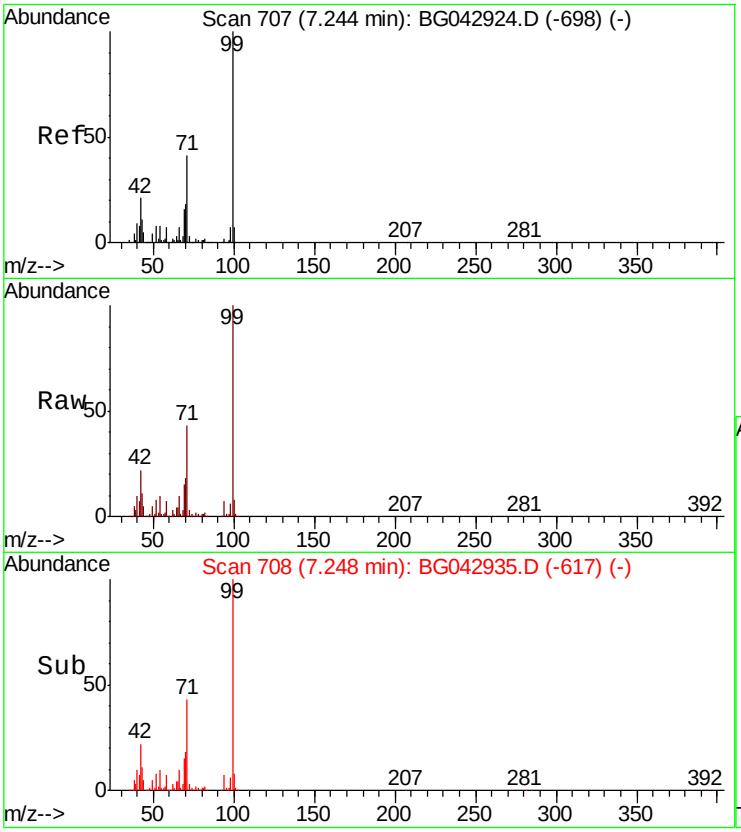


#5
2-Fluorophenol
Concen: 144.584 ng
RT: 5.66 min Scan# 437
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion:112 Resp: 502125

Ion	Ratio	Lower	Upper
112	100		
64	66.0	56.6	84.8
63	37.9	35.1	52.7



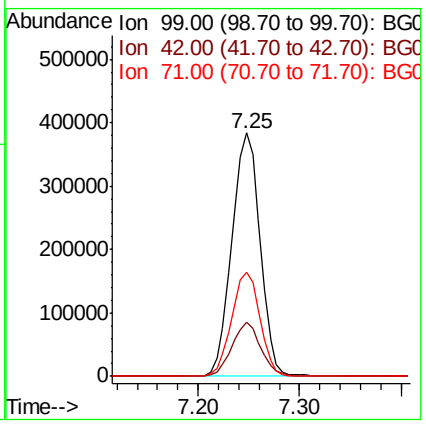


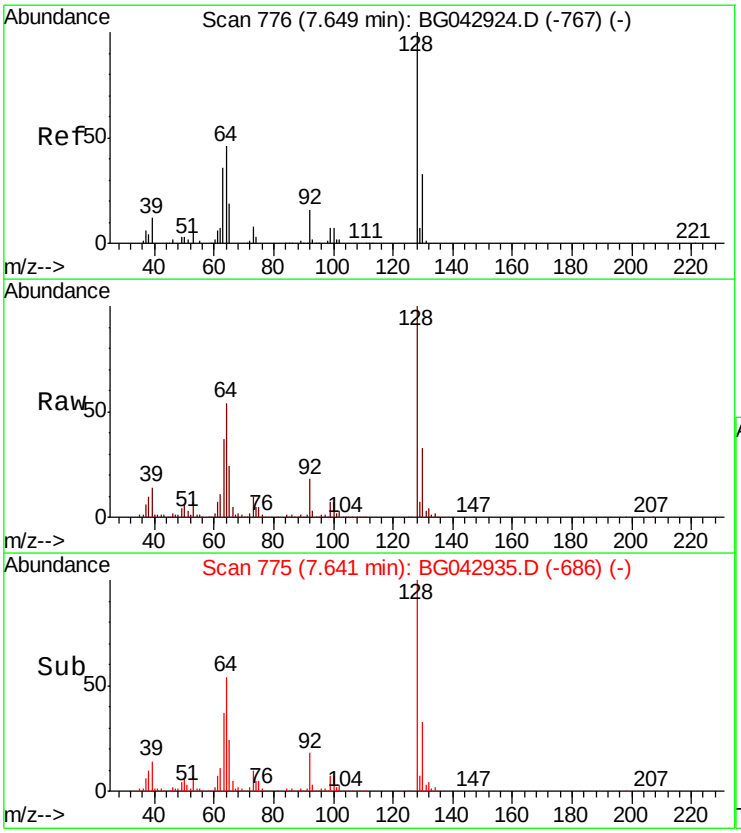
#7
Phenol-d6
Concen: 148.532 ng
RT: 7.25 min Scan# 708
Delta R.T. 0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 99 Resp: 742833

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.2	25.8
71	42.8	33.1	49.7

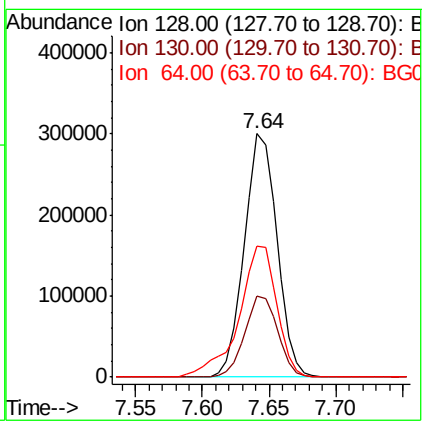


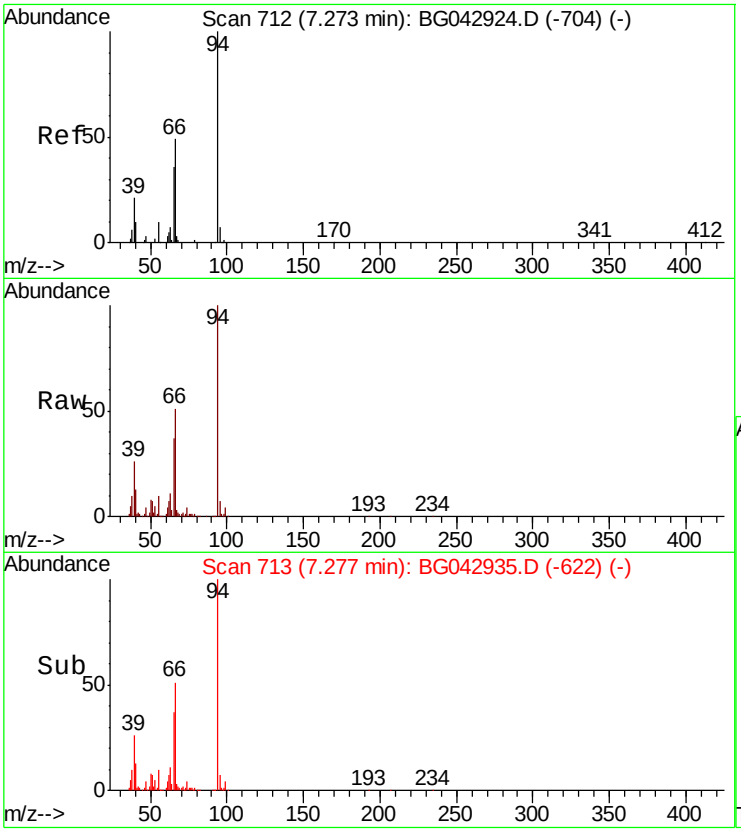


#8
2-Chlorophenol
Concen: 140.158 ng
RT: 7.64 min Scan# 775
Delta R.T. -0.01 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion:128 Resp: 507619

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.5	52.5
64	54.0	32.8	72.8



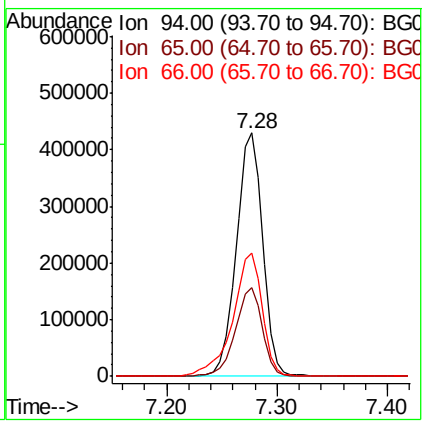


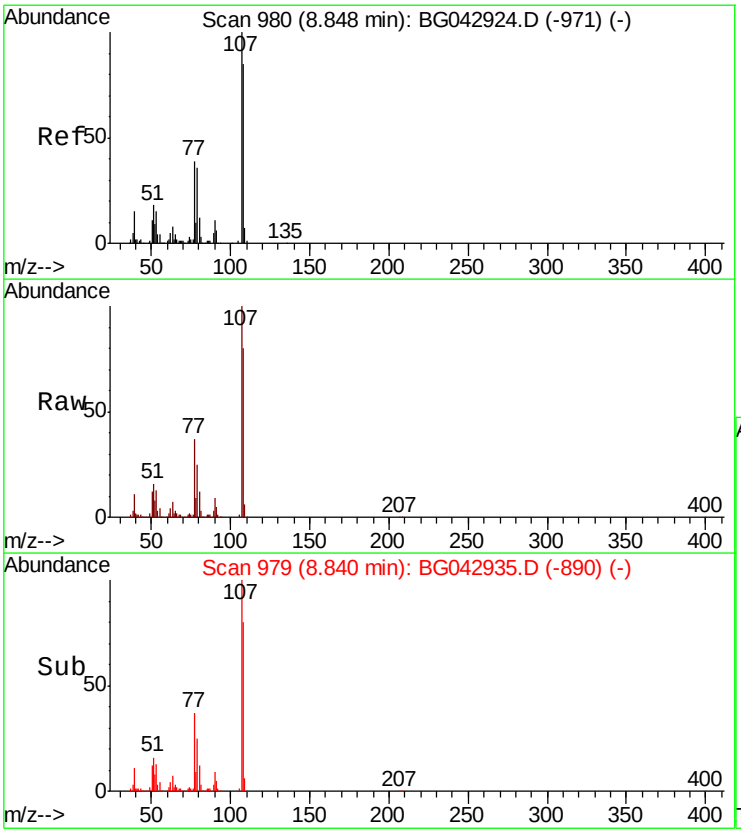
#10
Phenol
Concen: 157.249 ng
RT: 7.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 94 Resp: 721524

Ion	Ratio	Lower	Upper
94	100		
65	36.6	16.6	56.6
66	50.6	32.4	72.4

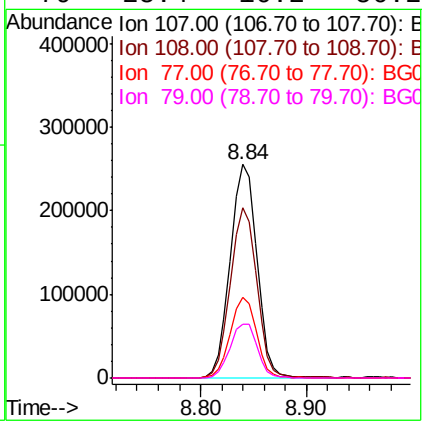


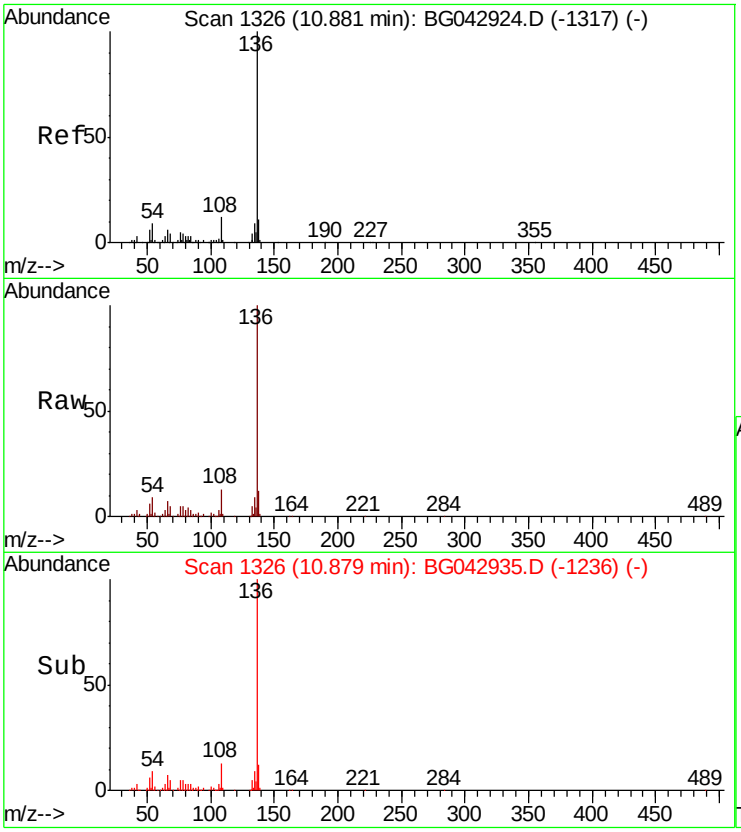


#20
3+4-Methylphenols
Concen: 101.772 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion:107 Resp: 447774

Ion	Ratio	Lower	Upper
107	100		
108	79.8	64.9	104.9
77	37.5	19.4	59.4
79	25.4	16.2	56.2



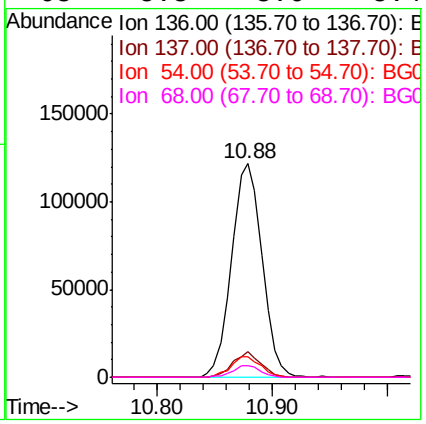


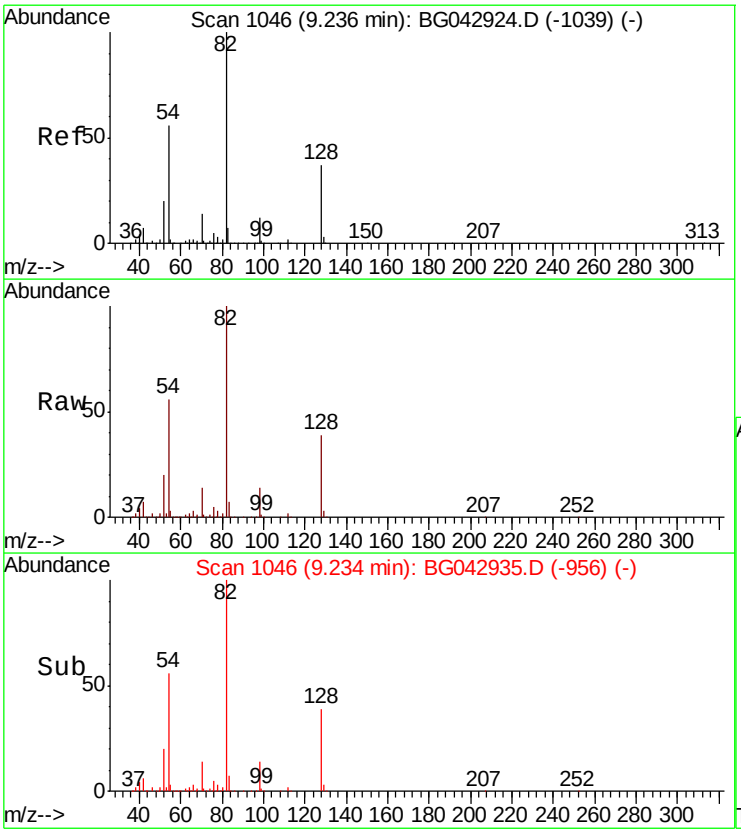
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument : BNA_G
ClientSampleId : PT-ACIDS-WP

Tgt Ion:136 Resp: 222540

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.5	12.7
54	9.5	7.4	11.2
68	5.3	3.6	5.4

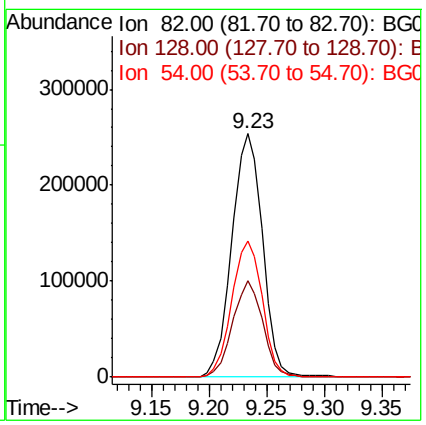


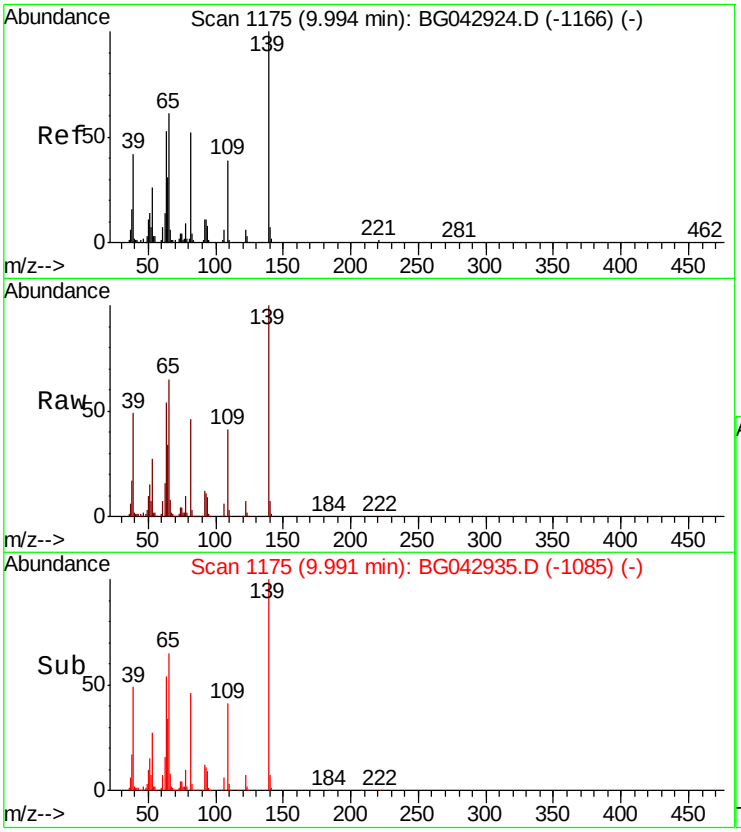


#23
Nitrobenzene-d5
Concen: 102.008 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion: 82 Resp: 467045

Ion	Ratio	Lower	Upper
82	100		
128	39.5	29.5	44.3
54	56.0	44.6	67.0



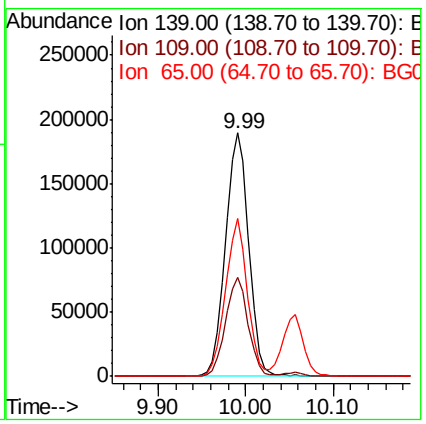


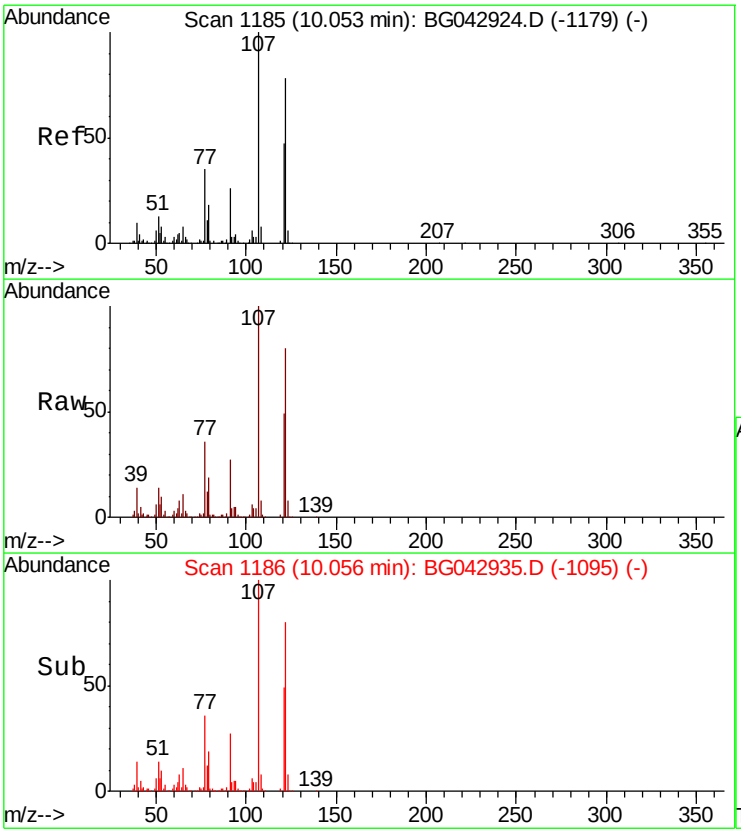
#26
2-Nitrophenol
Concen: 184.295 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:139 Resp: 342627

Ion	Ratio	Lower	Upper
139	100		
109	40.6	31.0	46.6
65	64.6	48.4	72.6

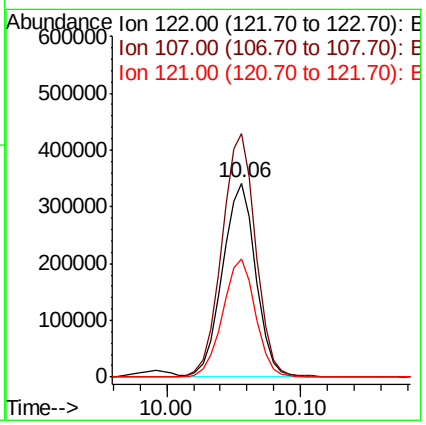


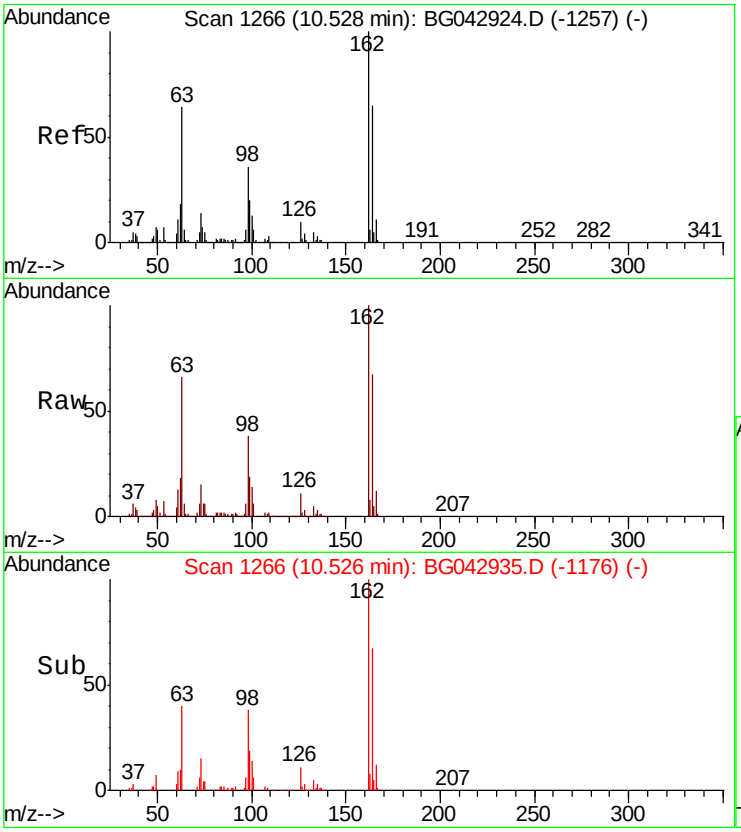


#27
2,4-Dimethylphenol
Concen: 207.589 ng
RT: 10.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion:122 Resp: 592686

Ion	Ratio	Lower	Upper
122	100		
107	125.6	102.2	153.2
121	61.2	48.5	72.7



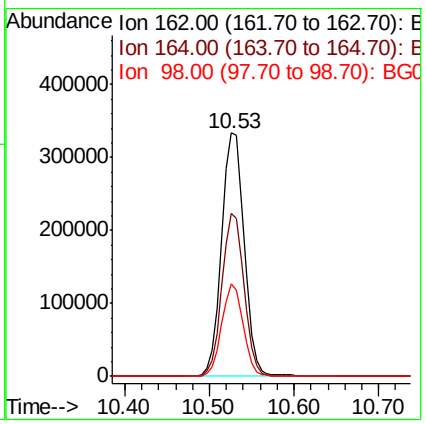


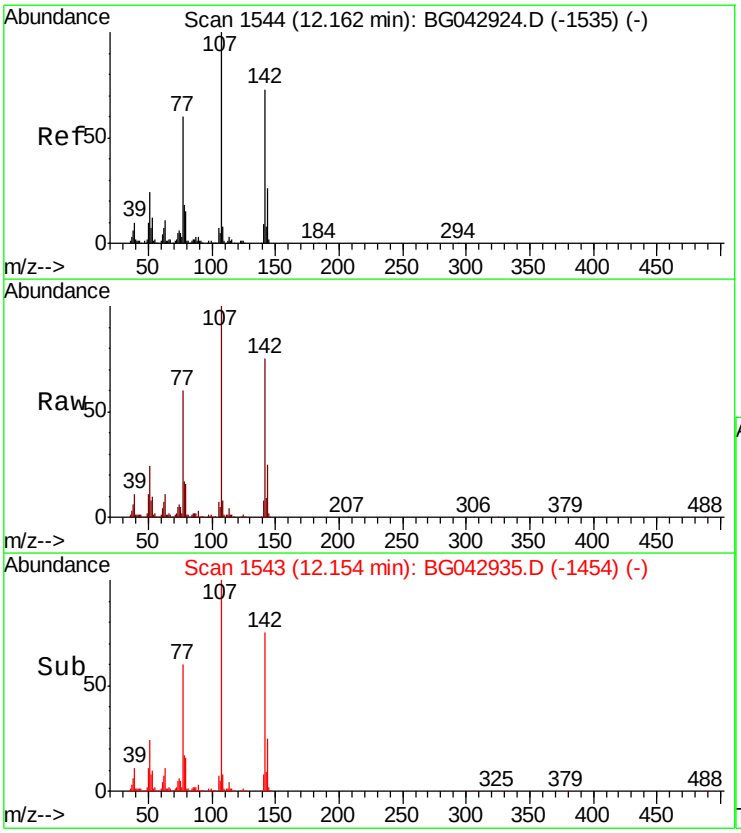
#29
2,4-Dichlorophenol
Concen: 174.076 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:162 Resp: 618117

Ion	Ratio	Lower	Upper
162	100		
164	67.1	44.7	84.7
98	38.0	16.0	56.0

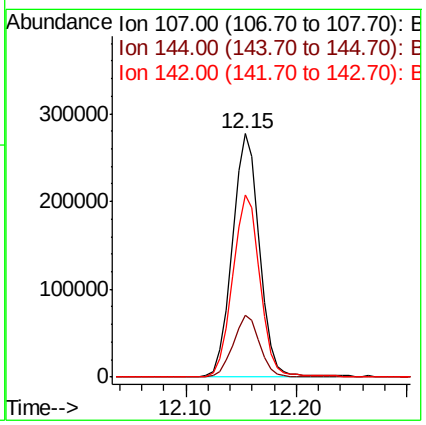


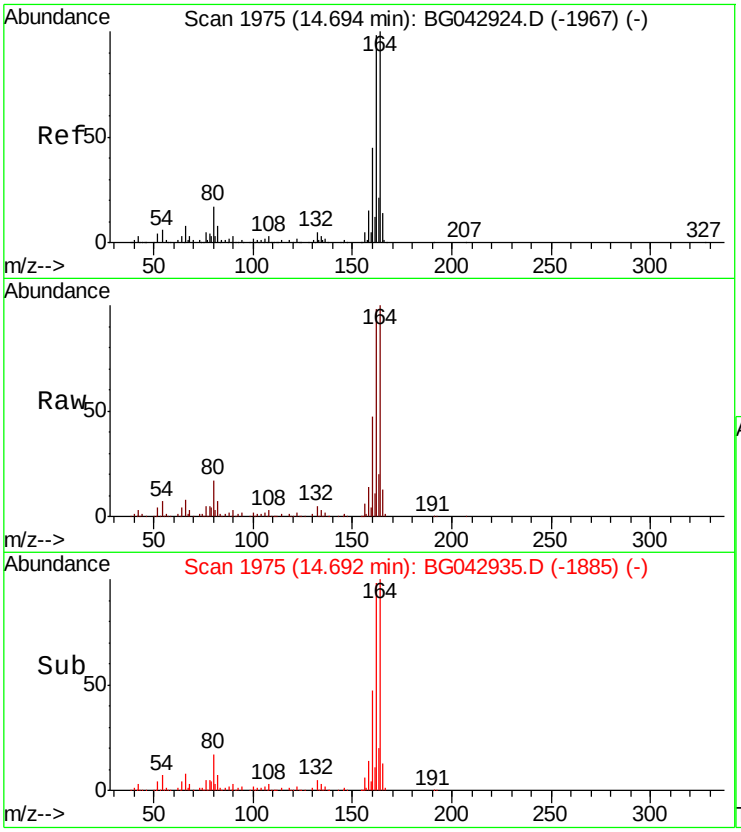


#36
4-Chloro-3-methylphenol
Concen: 124.043 ng
RT: 12.15 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion:107 Resp: 478904

Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.7	31.1
142	75.0	58.6	87.8



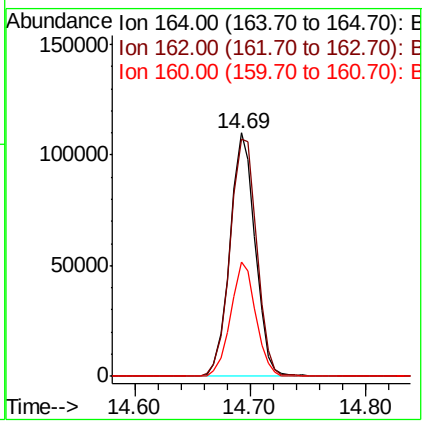


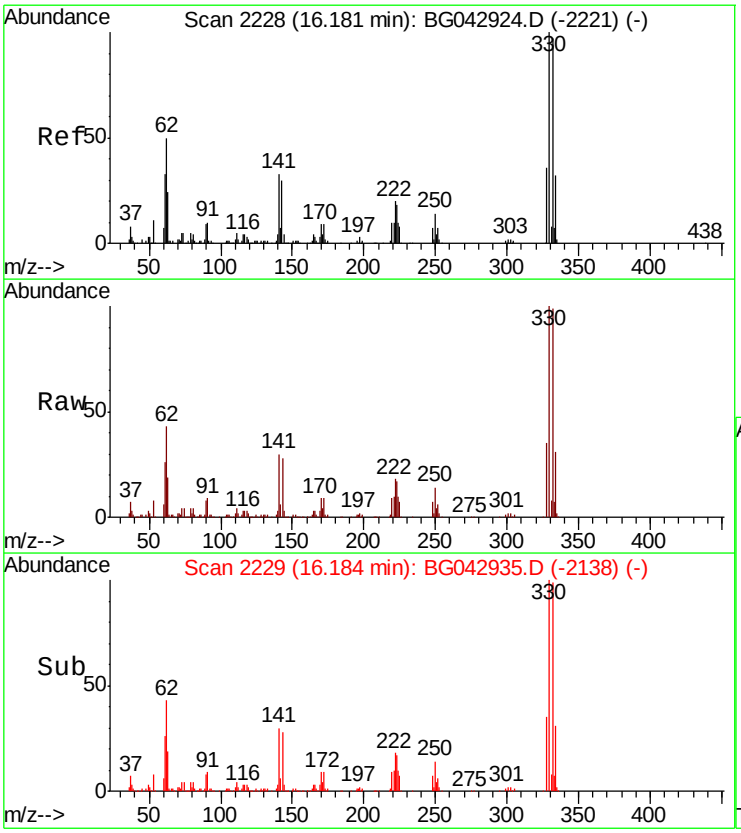
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:164 Resp: 165568

Ion	Ratio	Lower	Upper
164	100		
162	97.6	78.5	117.7
160	46.9	35.9	53.9

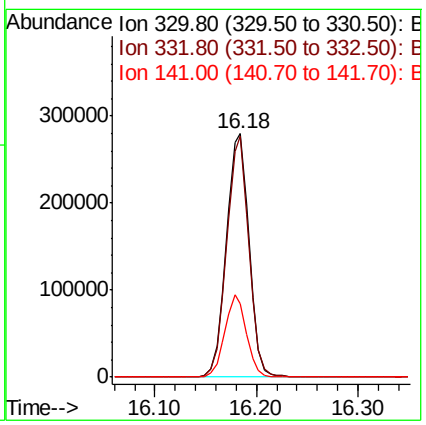


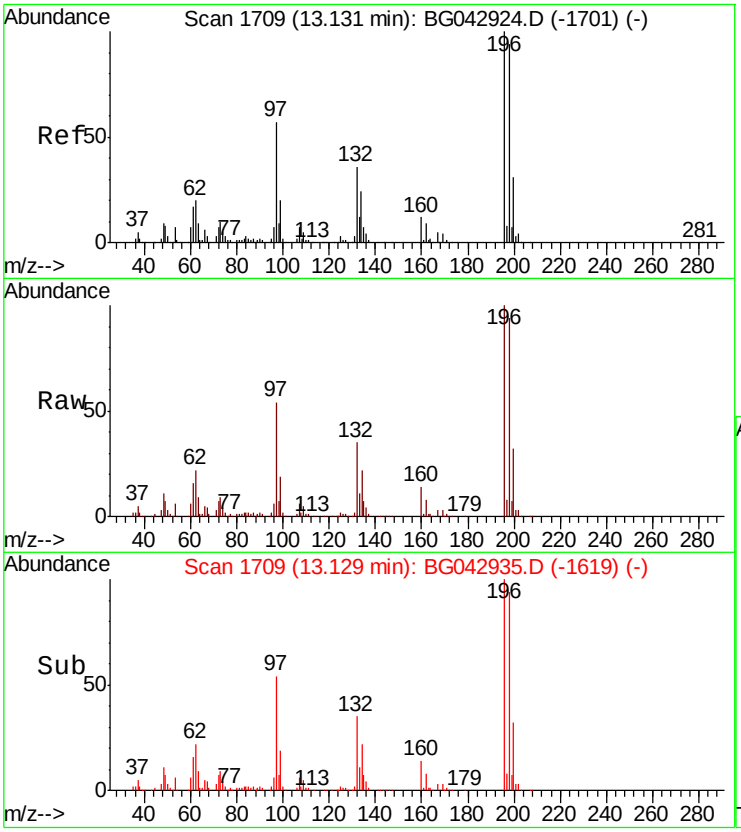


#42
2,4,6-Tribromophenol
Concen: 151.988 ng
RT: 16.18 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion:330 Resp: 432717

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.2	117.2
141	32.1	26.0	39.0



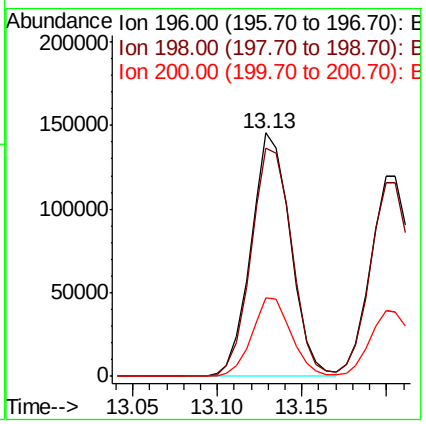


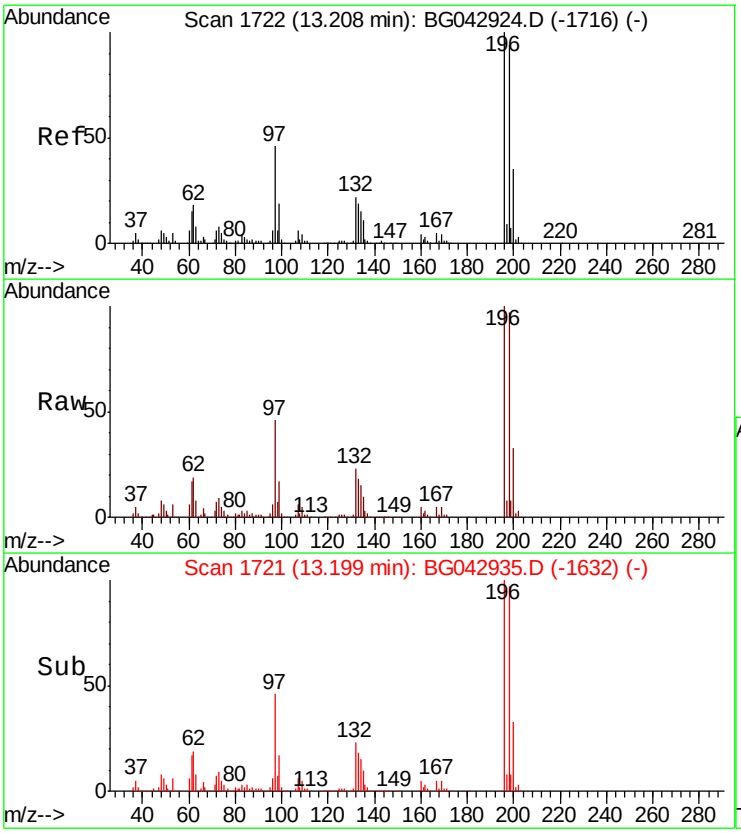
#43
2,4,6-Trichlorophenol
Concen: 64.682 ng
RT: 13.13 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:196 Resp: 235678

Ion	Ratio	Lower	Upper
196	100		
198	94.0	75.5	113.3
200	32.1	24.9	37.3

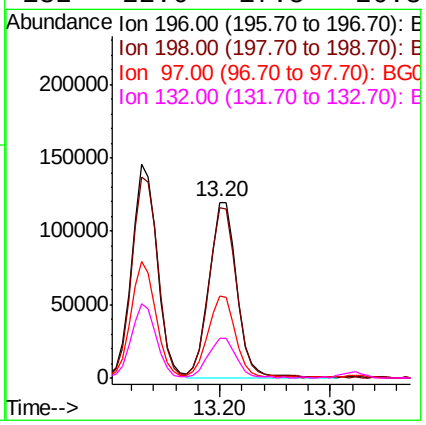


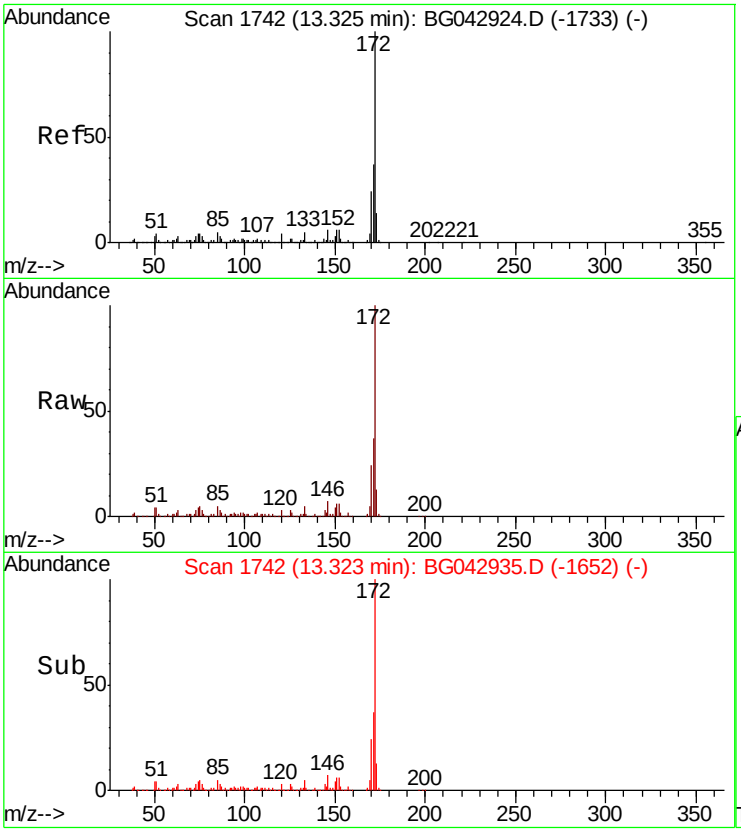


#44
2,4,5-Trichlorophenol
Concen: 55.102 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion:196 Resp: 206828

Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.1	112.7
97	46.4	37.0	55.4
132	22.6	17.5	26.3



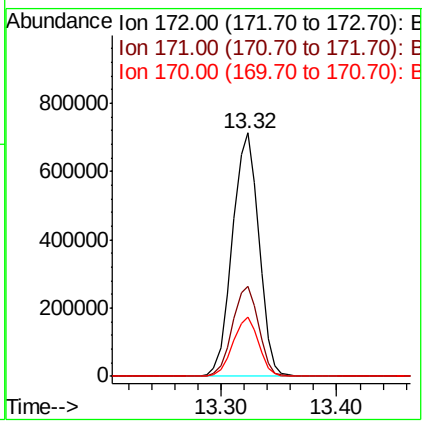


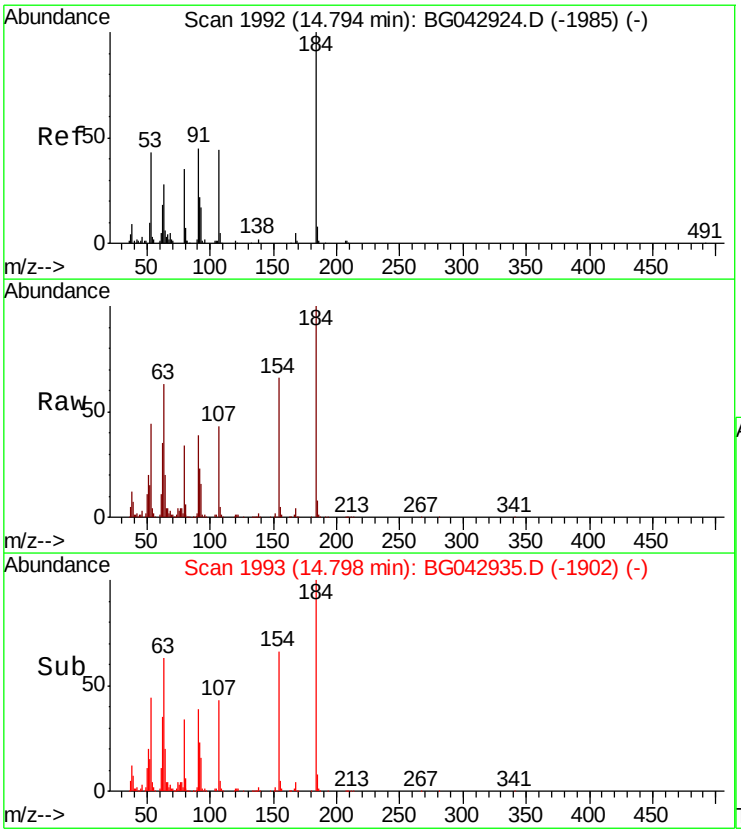
#45
2-Fluorobiphenyl
Concen: 99.319 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:172 Resp: 1134311

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	24.5	19.6	29.4

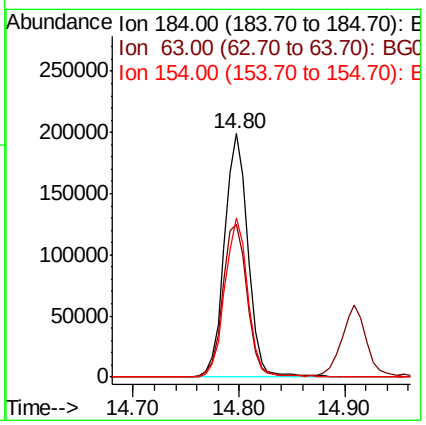


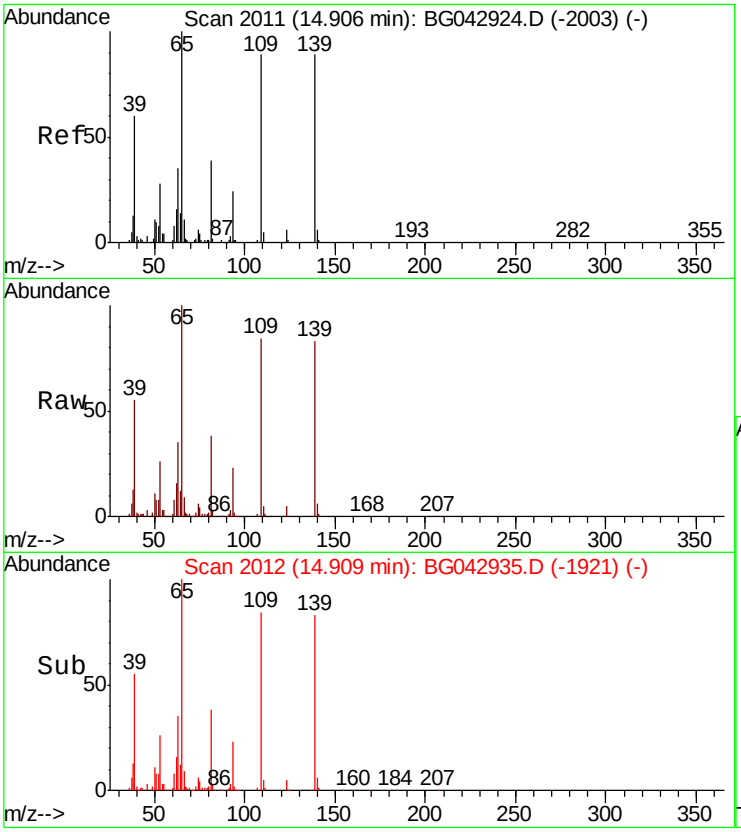


#54
2,4-Dinitrophenol
Concen: 185.468 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion:184 Resp: 304558

Ion	Ratio	Lower	Upper
184	100		
63	62.6	55.0	82.6
154	65.6	56.5	84.7



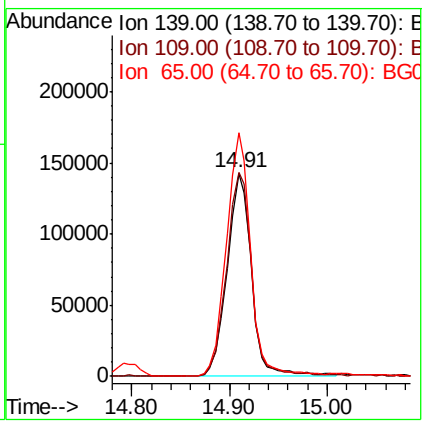


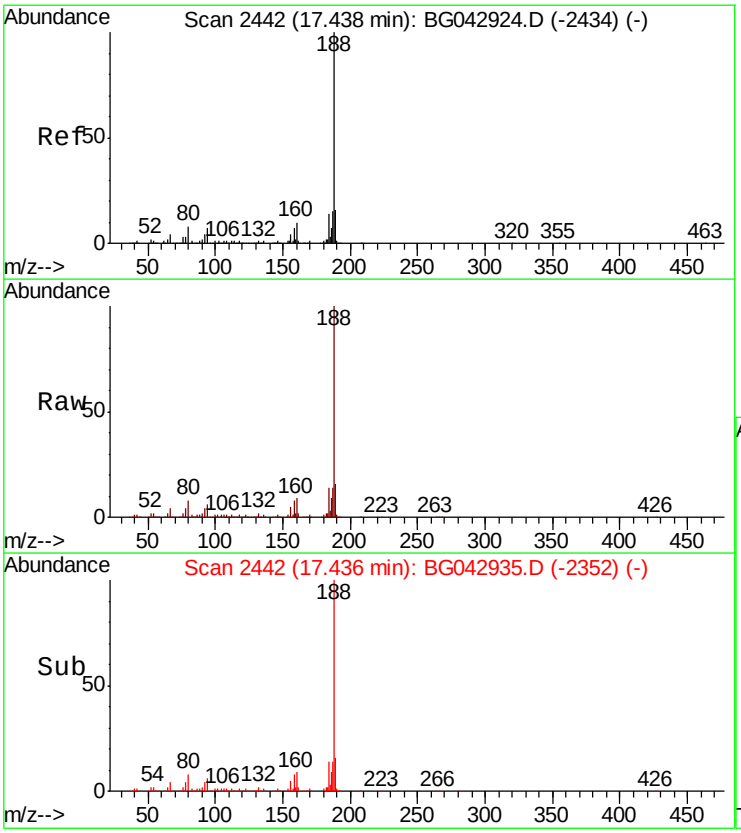
#56
4-Nitrophenol
Concen: 119.226 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:139 Resp: 248016

Ion	Ratio	Lower	Upper
139	100		
109	100.2	79.4	119.4
65	120.0	92.5	132.5

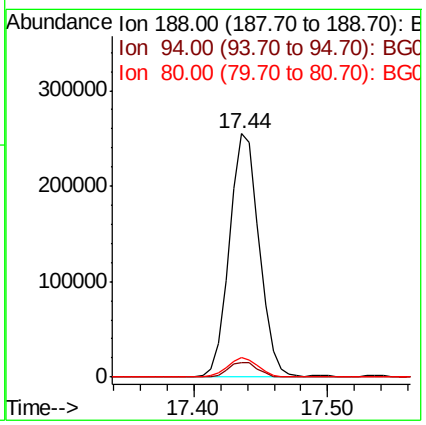


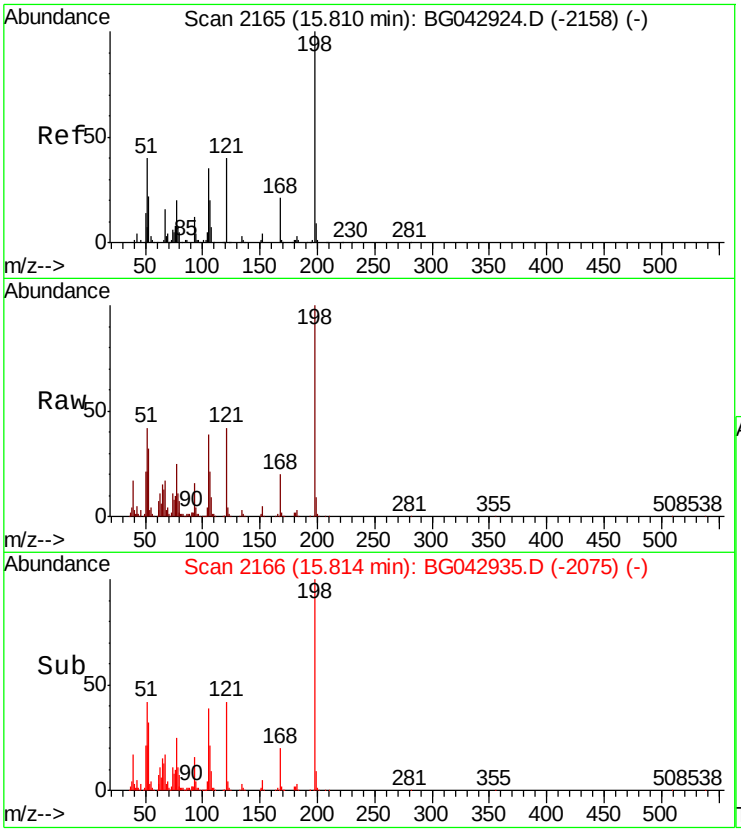


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion:188 Resp: 397715

Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	7.9	6.5	9.7



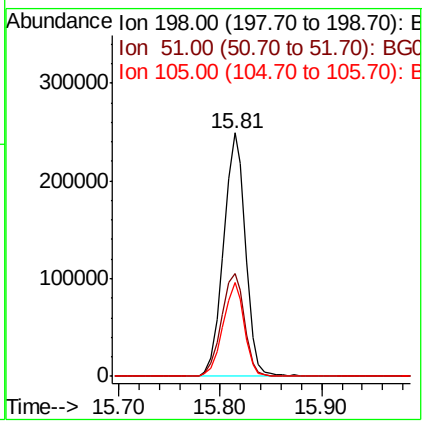


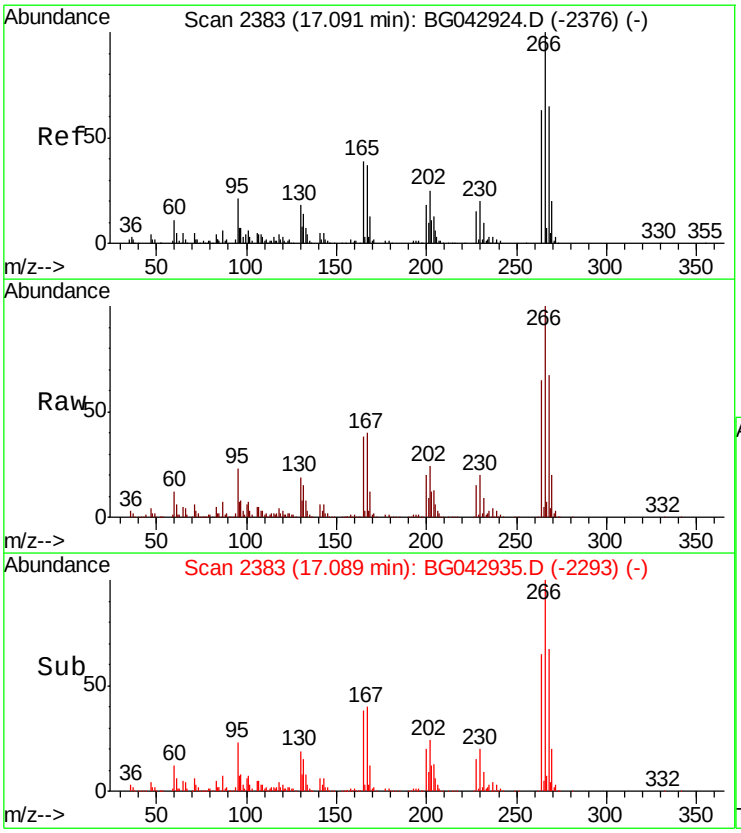
#65
4,6-Dinitro-2-methylphenol
Concen: 165.392 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:198 Resp: 372220

Ion	Ratio	Lower	Upper
198	100		
51	42.5	25.3	65.3
105	38.5	16.6	56.6

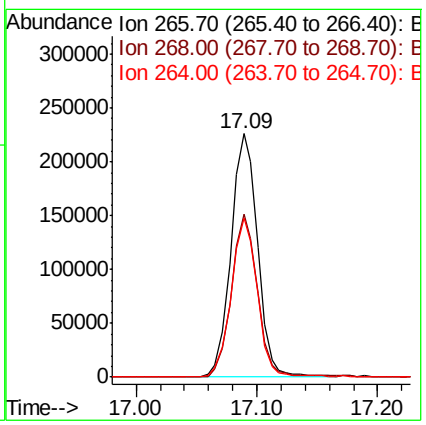


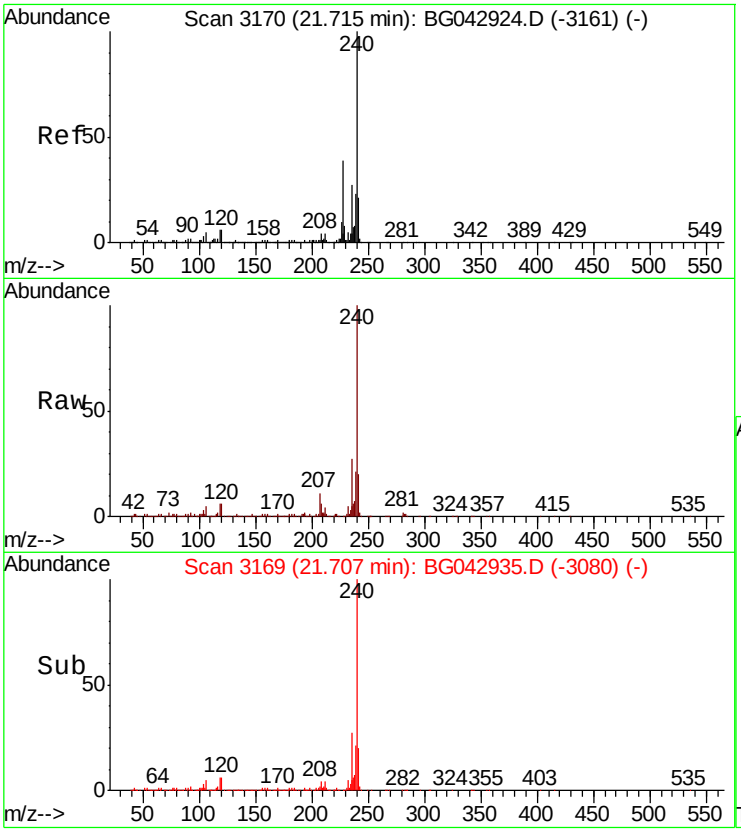


#70
Pentachlorophenol
Concen: 108.301 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion:266 Resp: 347327

Ion	Ratio	Lower	Upper
266	100		
268	67.1	52.2	78.2
264	65.1	50.7	76.1



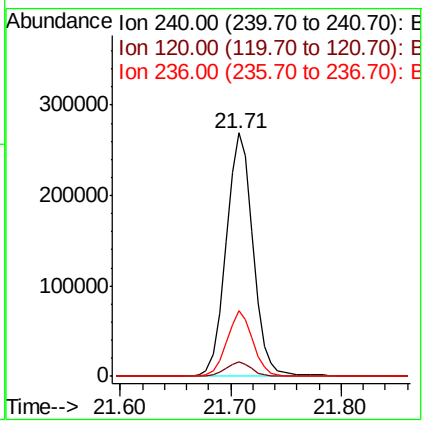


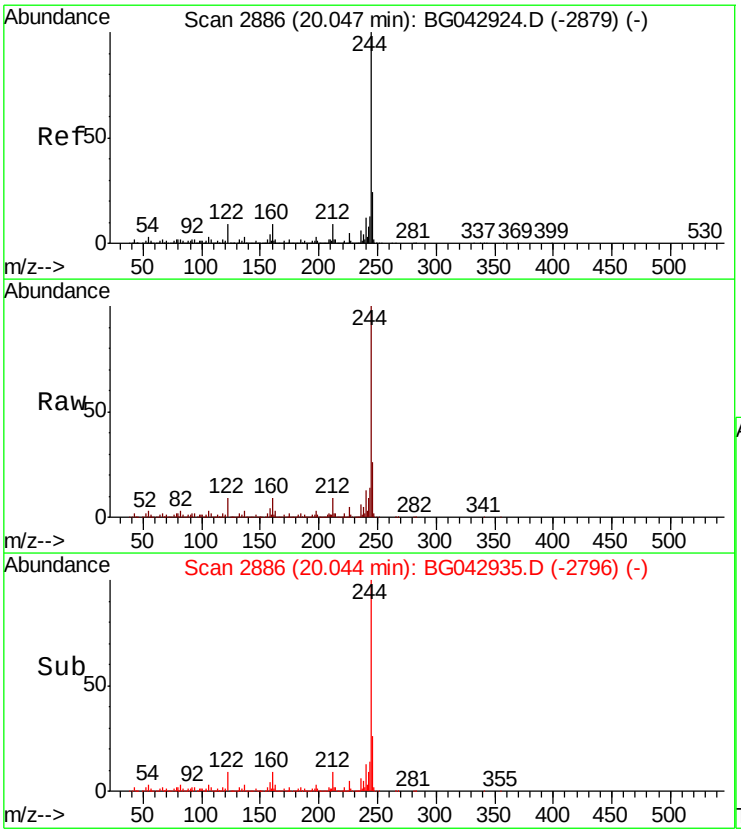
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:240 Resp: 459939

Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.8	7.2
236	26.8	21.4	32.0

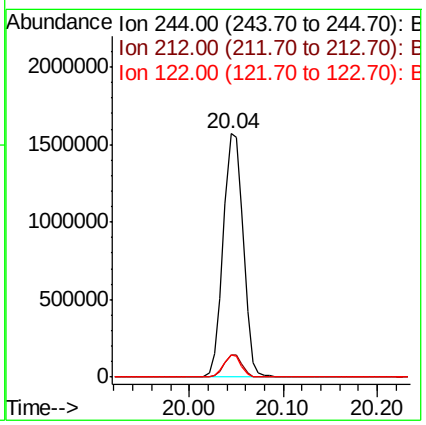


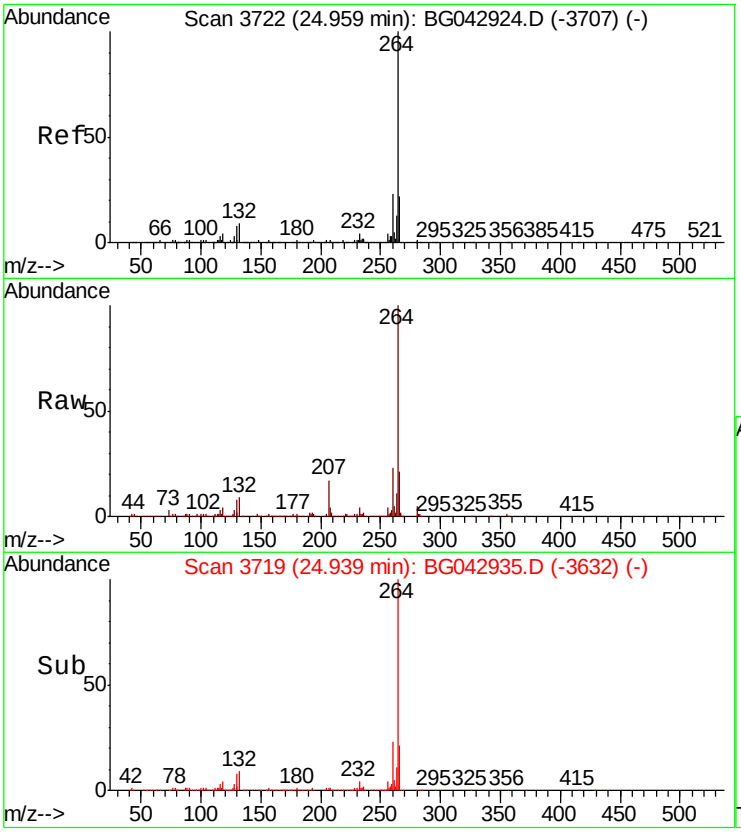


#79
Terphenyl-d14
Concen: 107.917 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Tgt Ion:244 Resp: 2329331

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.4	11.0
122	9.0	7.0	10.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.94 min Scan# 3719
Delta R.T. -0.02 min
Lab File: BG042935.D
Acq: 26 Sep 2019 12:07

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:264 Resp: 496176

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.0	17.7	26.5