Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092619\
Data File : BG042936.D
Acq On : 26 Sep 2019 13:27
Operator : JU
Sample : K4839-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-ACIDS-WPDL

Quant Time: Sep 26 14:24:35 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	8.07	152	48859	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	186188	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	137098	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	362119	20.00	ng	0.00
76) Chrysene-d12	21.71	240	407207	20.00	ng	0.00
87) Perylene-d12	24.94	264	447189	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	86511	31.60	ng	0.00
7) Phenol-d6	7.24	99	127984	32.46	ng	0.00
23) Nitrobenzene-d5	9.23	82	82454	21.52	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	76040	32.25	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	226713	23.97	ng	0.00
79) Terphenyl-d14	20.04	244	526058	27.53	ng	0.00
Target Compounds						Qvalue
8) 2-Chlorophenol	7.64	128	89887	31.482	ng	89
10) Phenol	7.26	94	129606	35.831	ng	94
20) 3+4-Methylphenols	8.84	107	72815	20.993	ng	93
26) 2-Nitrophenol	9.99	139	55930	35.958	ng	94
27) 2,4-Dimethylphenol	10.05	122	106336	44.516	ng	97
29) 2,4-Dichlorophenol	10.53	162	103911	34.977	ng	98
36) 4-Chloro-3-methylphenol	12.15	107	81924	25.362	ng	99
43) 2,4,6-Trichlorophenol	13.13	196	38894	12.891	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	33846	10.890	ng	95
54) 2,4-Dinitrophenol	14.79	184	40387	29.702	ng	97
56) 4-Nitrophenol	14.91	139	40304	23.398	ng	95
65) 4,6-Dinitro-2-methylphenol	15.81	198	56758	27.699	ng	96
70) Pentachlorophenol	17.09	266	54532	18.675	ng	99

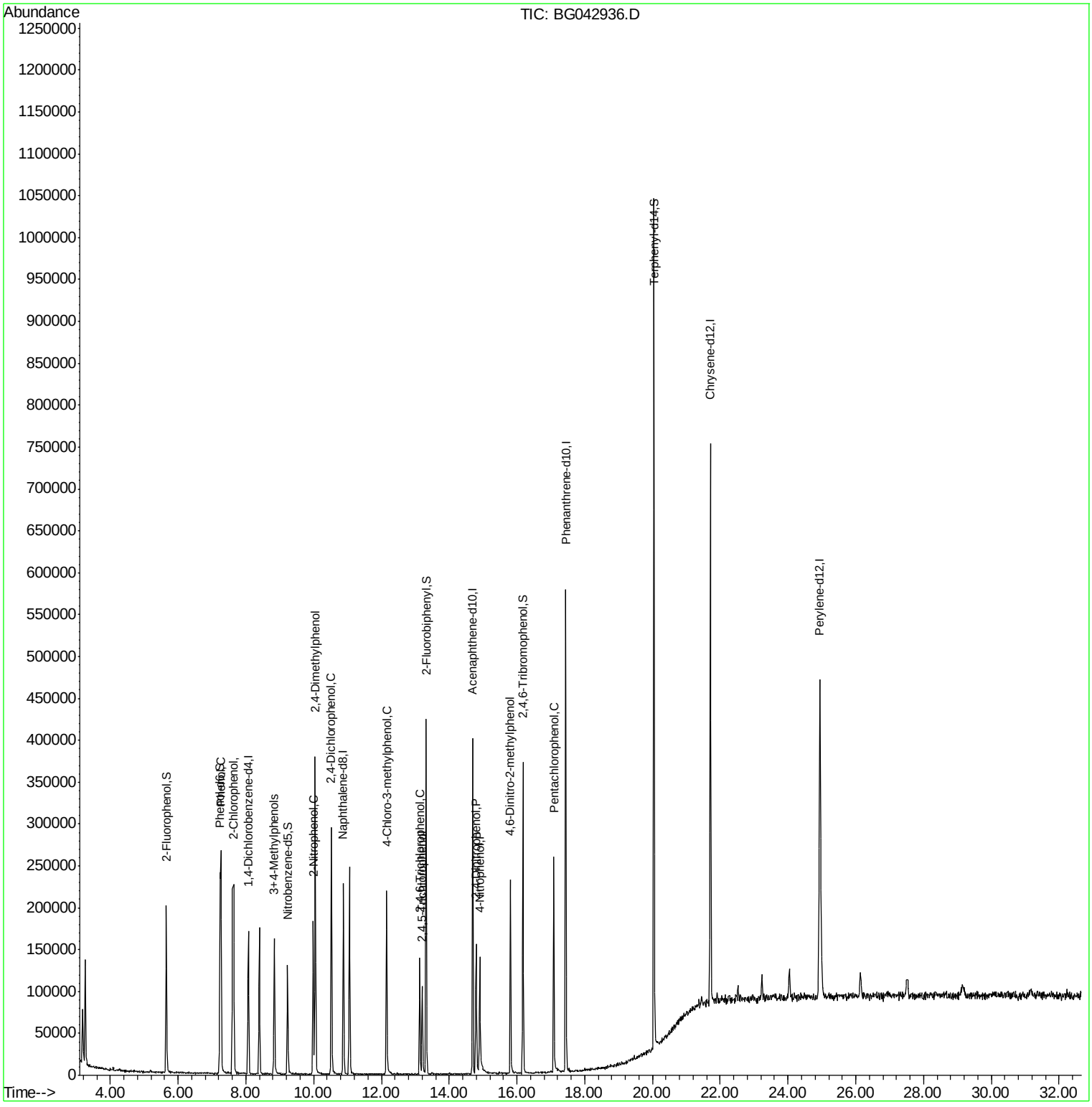
(#) = qualifier out of range (m) = manual integration (+) = signals summed

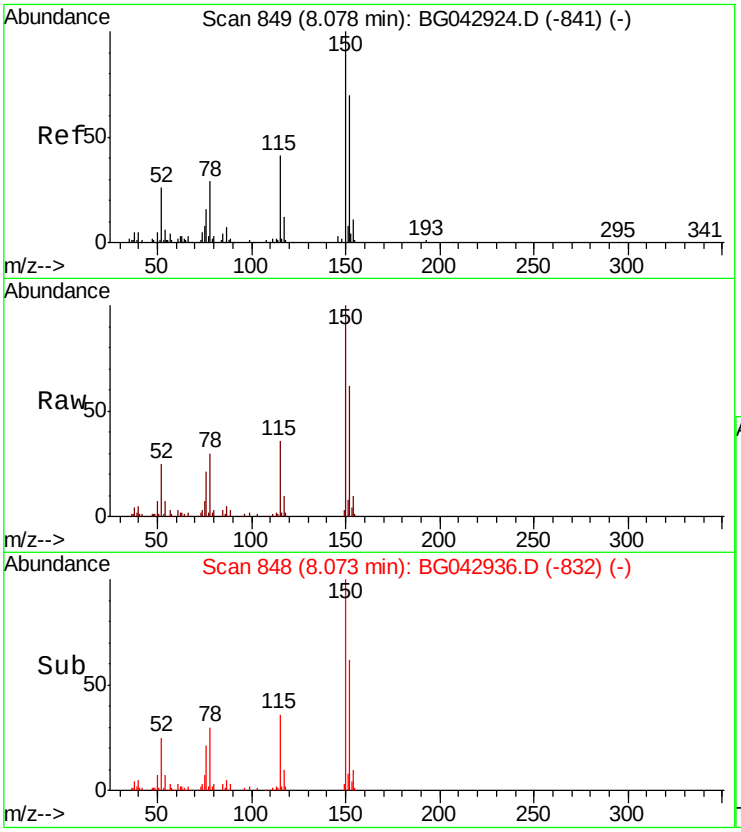
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092619\
Data File : BG042936.D
Acq On : 26 Sep 2019 13:27
Operator : JU
Sample : K4839-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Quant Time: Sep 26 14:24:35 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



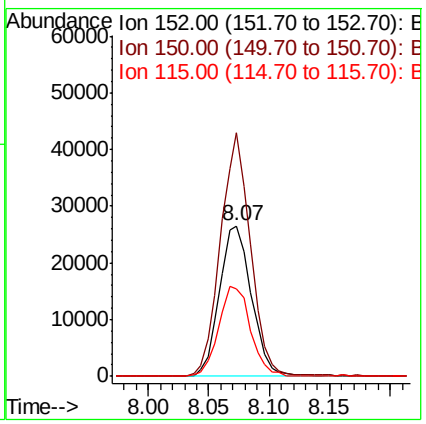


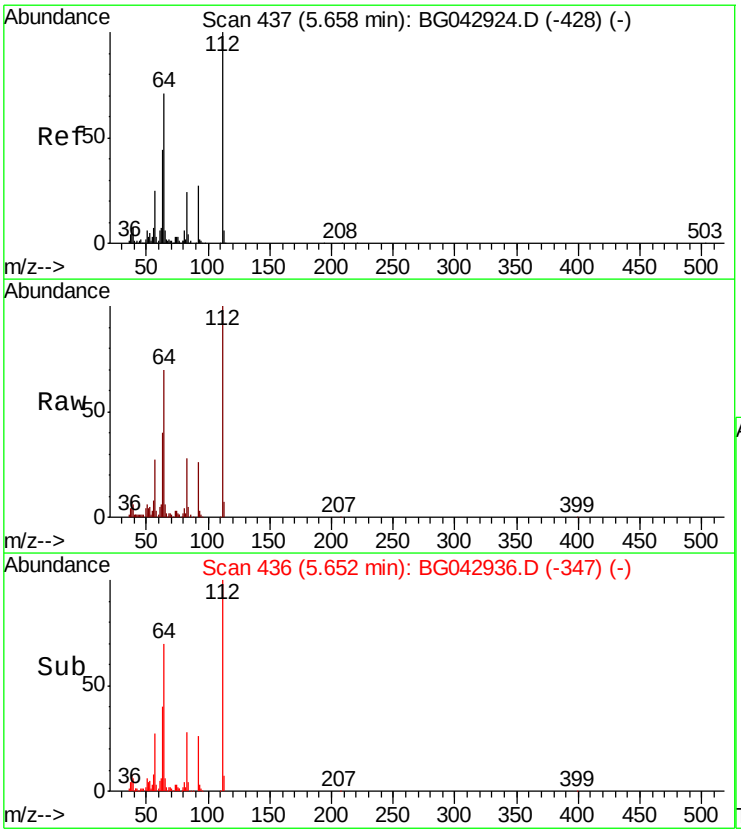
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:152 Resp: 48859

Ion	Ratio	Lower	Upper
152	100		
150	161.9	115.0	172.4
115	58.4	47.0	70.6

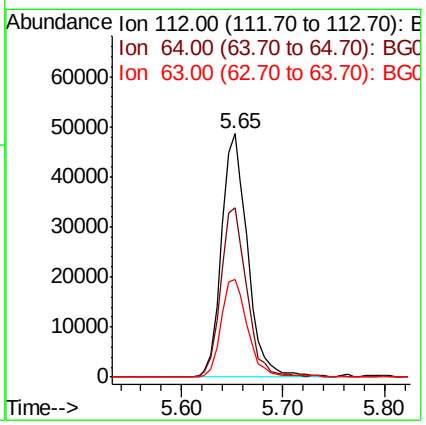


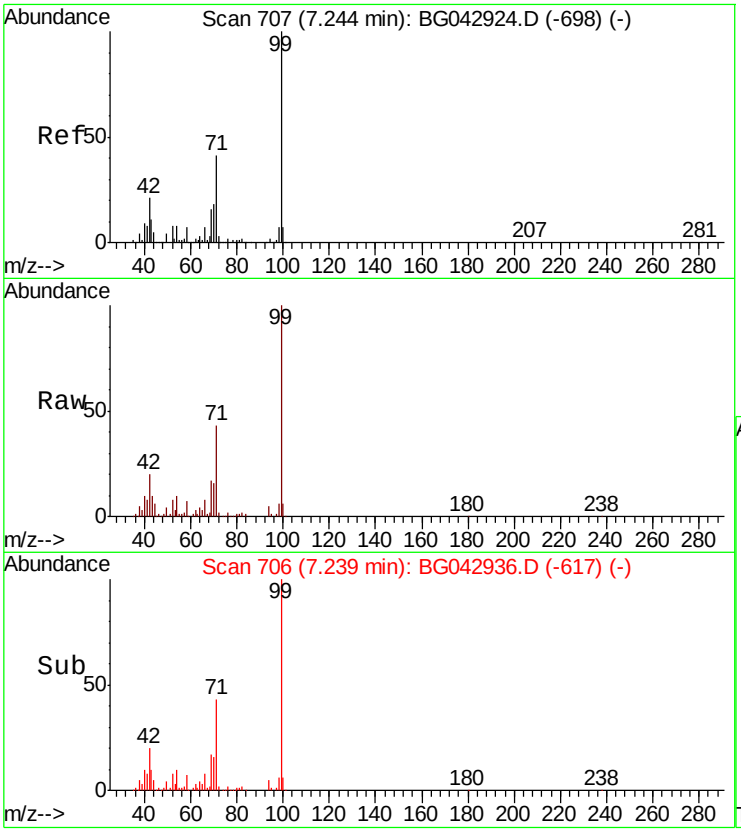


#5
2-Fluorophenol
Concen: 31.599 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion:112 Resp: 86511

Ion	Ratio	Lower	Upper
112	100		
64	69.7	56.6	84.8
63	39.9	35.1	52.7



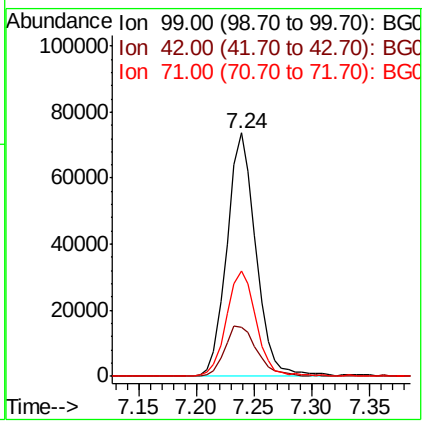


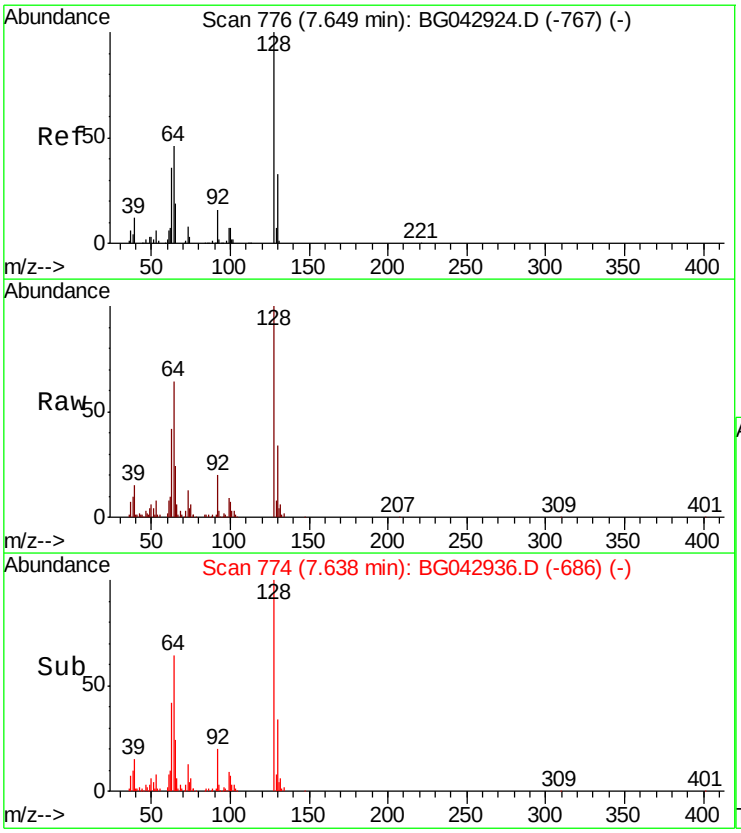
#7
Phenol-d6
Concen: 32.462 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 99 Resp: 127984

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.2	25.8
71	43.2	33.1	49.7

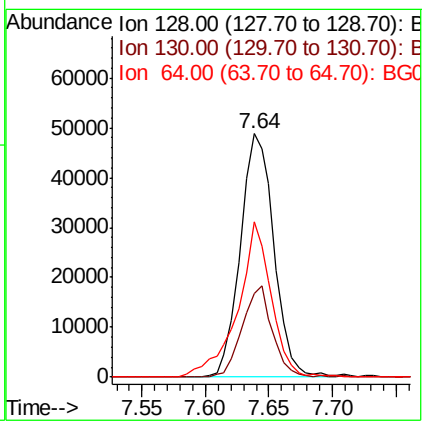


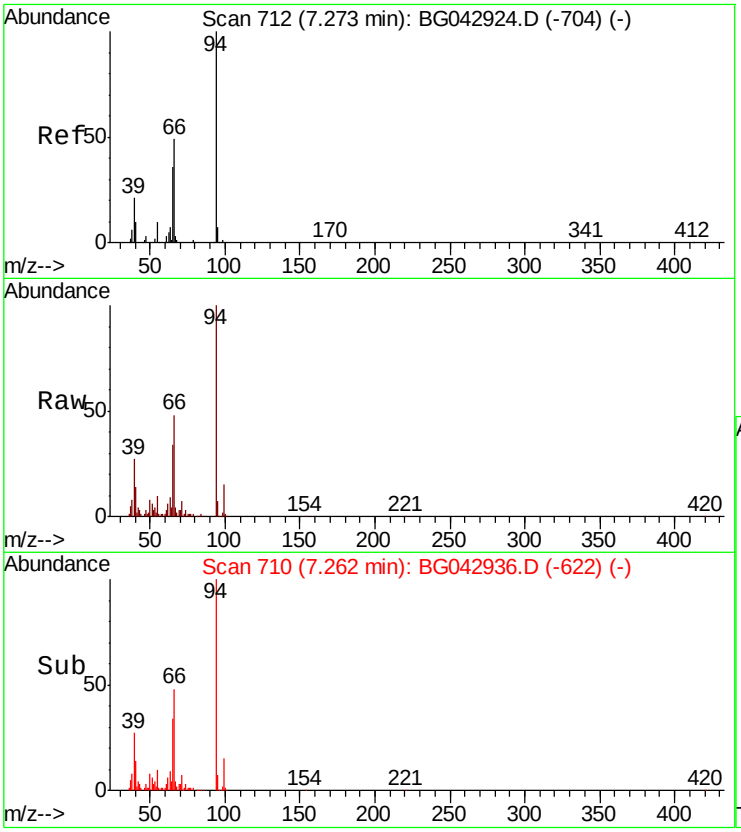


#8
2-Chlorophenol
Concen: 31.482 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion:128 Resp: 89887

Ion	Ratio	Lower	Upper
128	100		
130	34.4	12.5	52.5
64	63.6	32.8	72.8



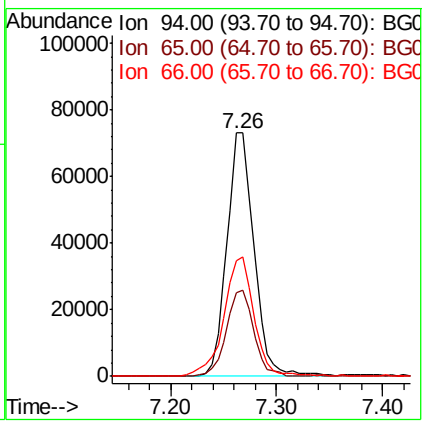


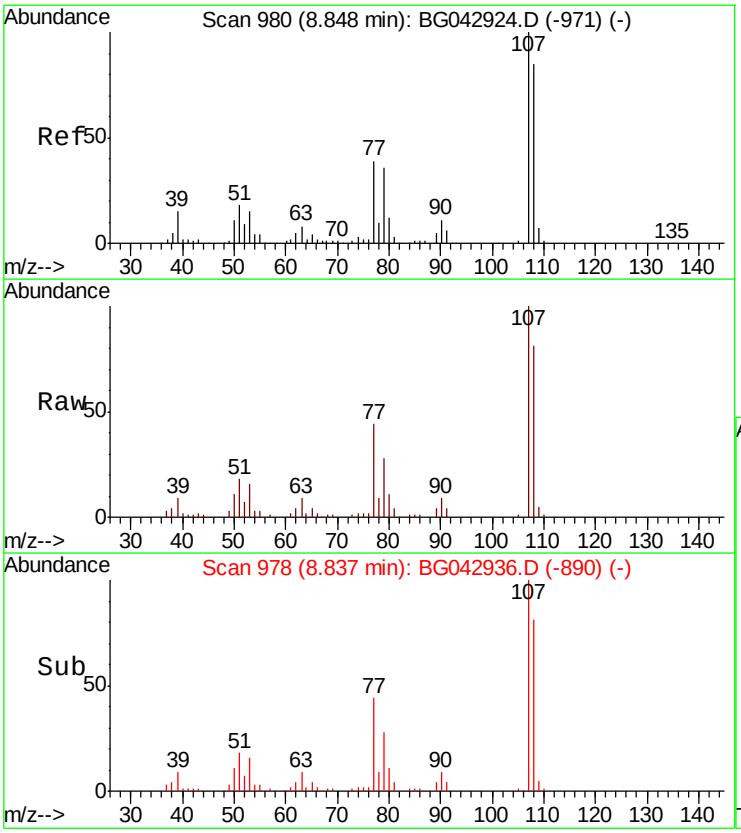
#10
Phenol
Concen: 35.831 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 94 Resp: 129606

Ion	Ratio	Lower	Upper
94	100		
65	34.4	16.6	56.6
66	47.6	32.4	72.4

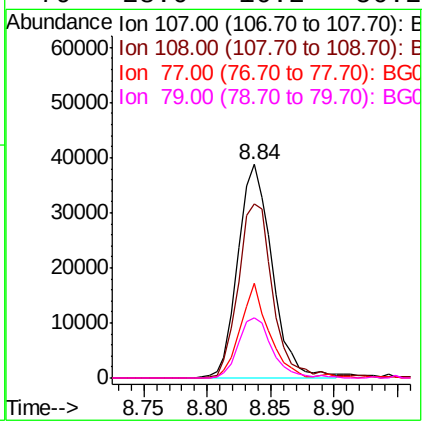


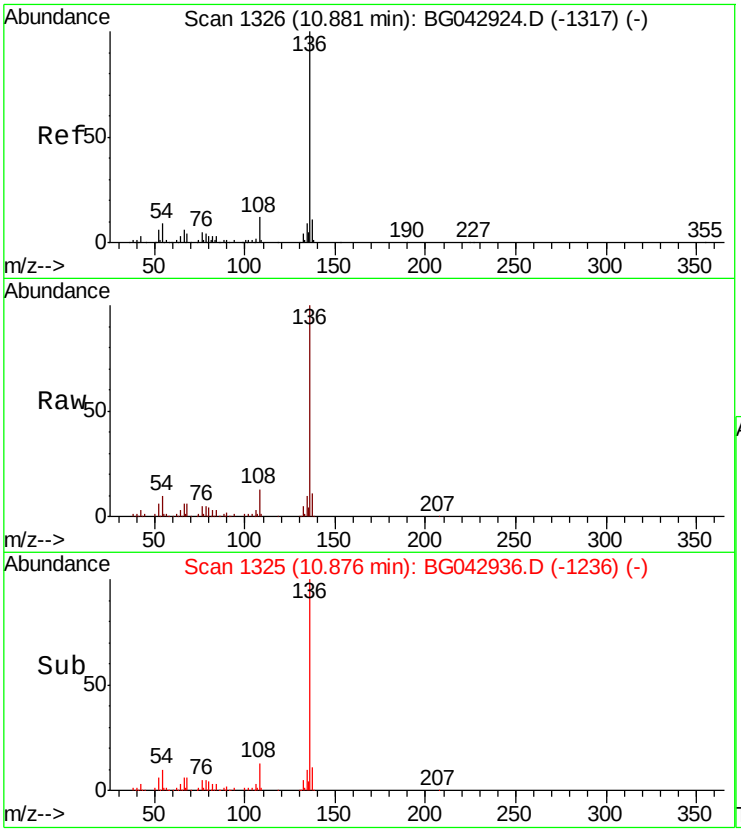


#20
3+4-Methylphenols
Concen: 20.993 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion:107 Resp: 72815

Ion	Ratio	Lower	Upper
107	100		
108	81.5	64.9	104.9
77	44.3	19.4	59.4
79	28.0	16.2	56.2



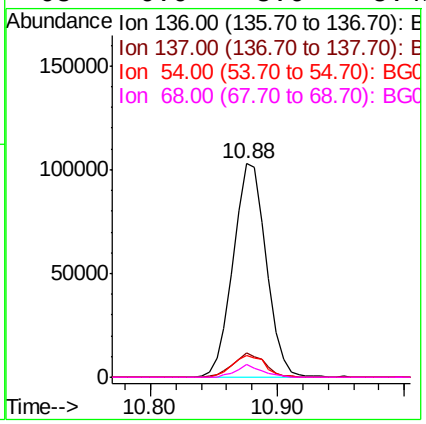


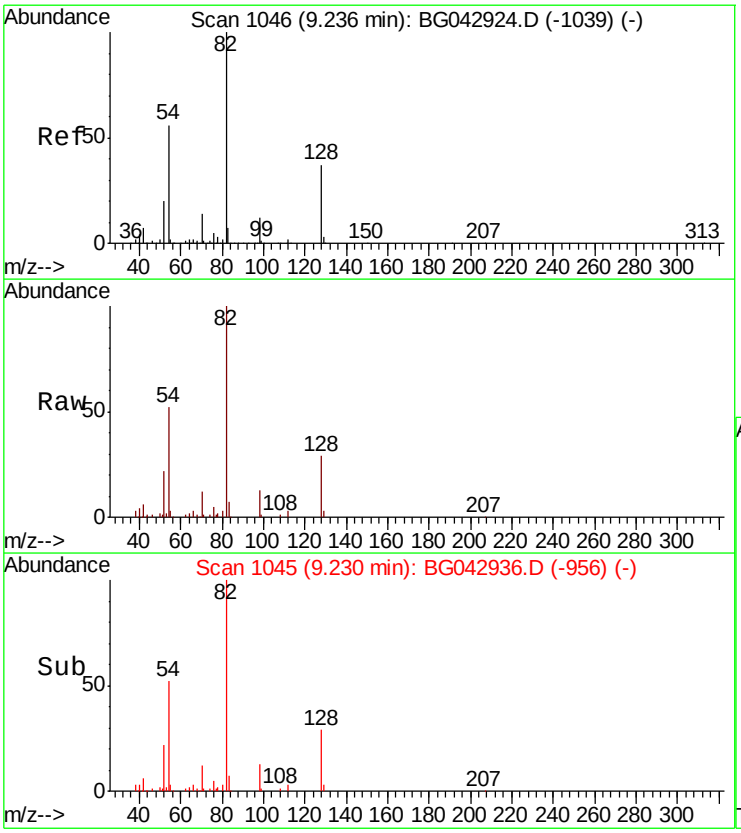
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:136 Resp: 186188

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	10.5	7.4	11.2
68	6.0	3.6	5.4#

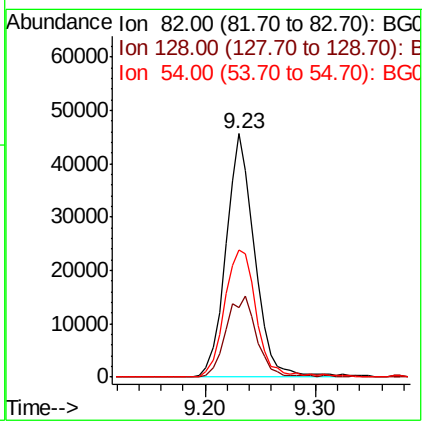


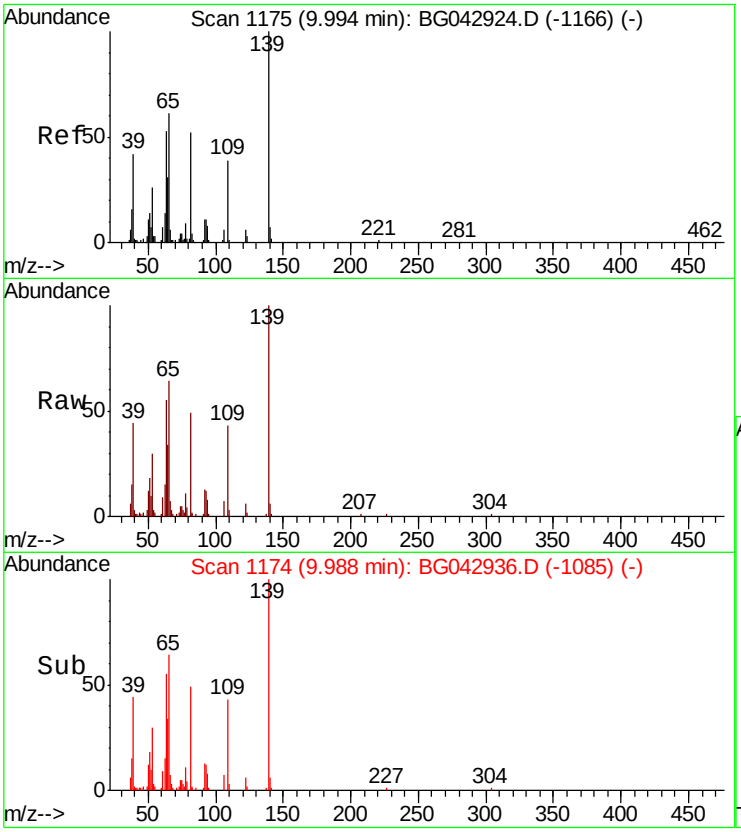


#23
Nitrobenzene-d5
Concen: 21.525 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion: 82 Resp: 82454

Ion	Ratio	Lower	Upper
82	100		
128	28.5	29.5	44.3#
54	52.0	44.6	67.0



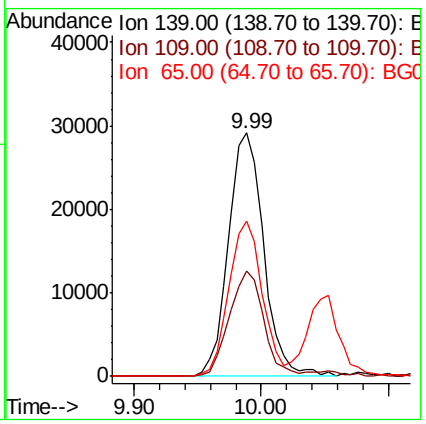


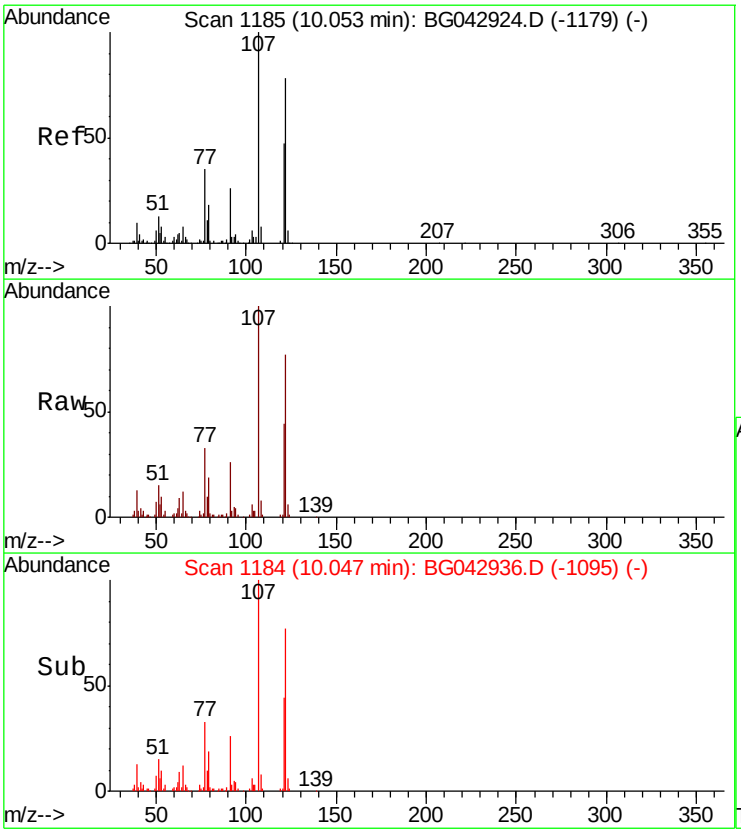
#26
2-Nitrophenol
Concen: 35.958 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:139 Resp: 55930

Ion	Ratio	Lower	Upper
139	100		
109	43.3	31.0	46.6
65	63.9	48.4	72.6

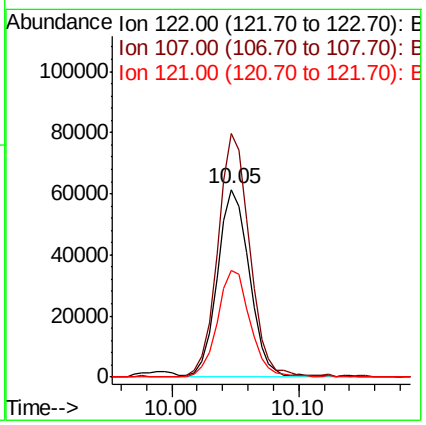


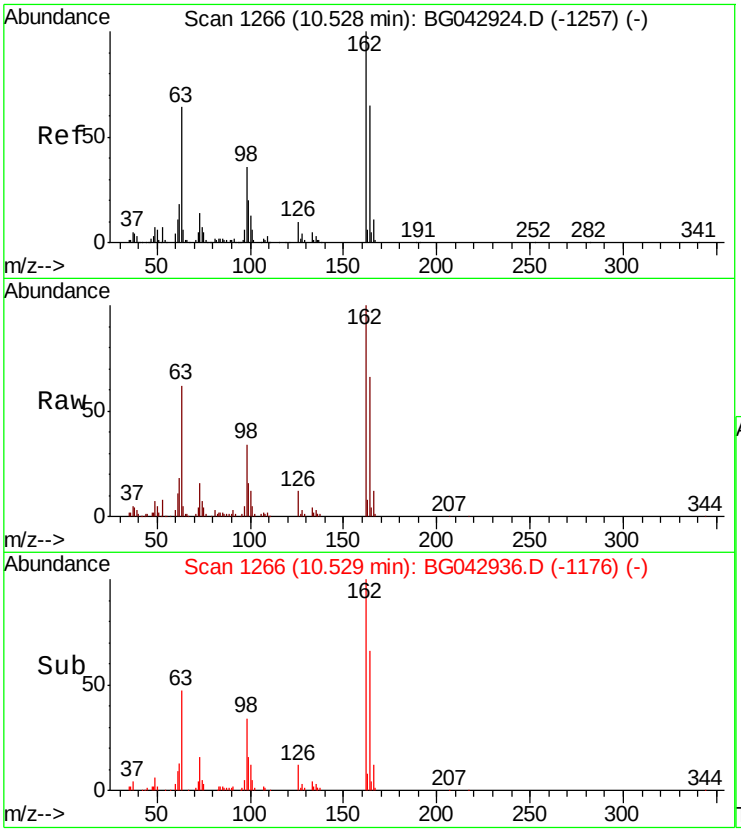


#27
2,4-Dimethylphenol
Concen: 44.516 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion:122 Resp: 106336

Ion	Ratio	Lower	Upper
122	100		
107	129.9	102.2	153.2
121	56.8	48.5	72.7



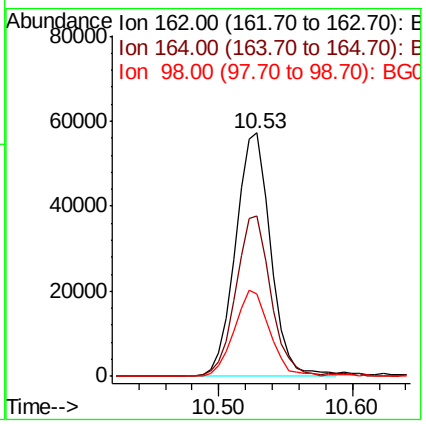


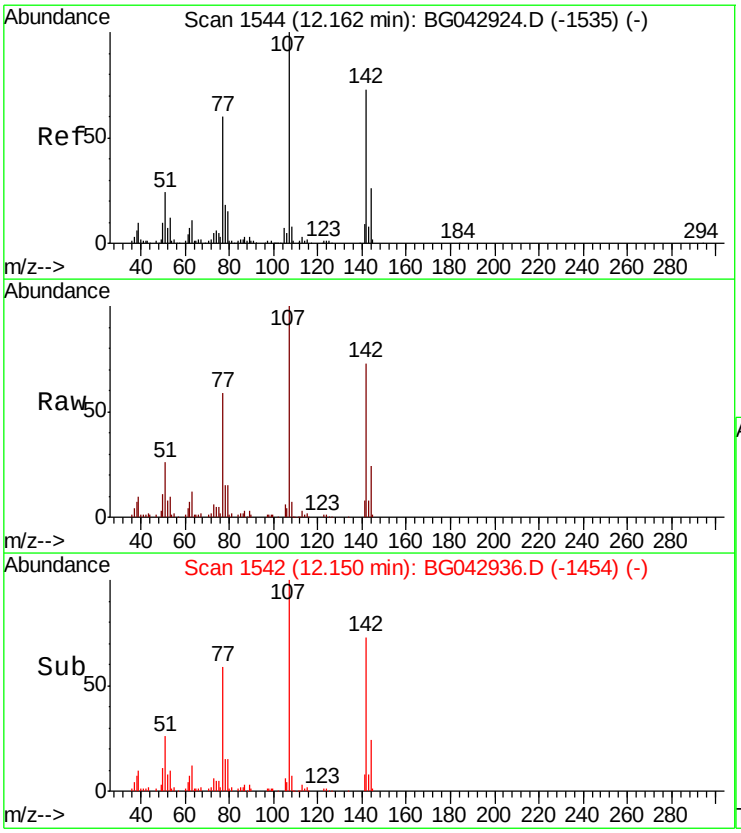
#29
2,4-Dichlorophenol
Concen: 34.977 ng
RT: 10.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:162 Resp: 103911

Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.7	84.7
98	33.8	16.0	56.0

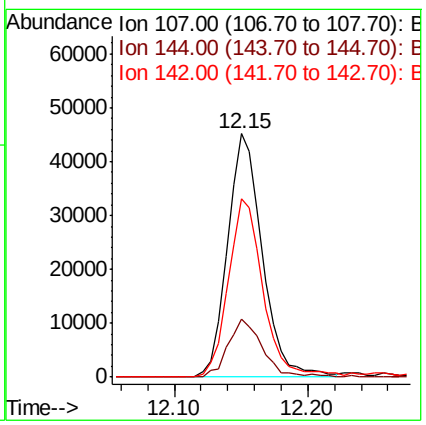


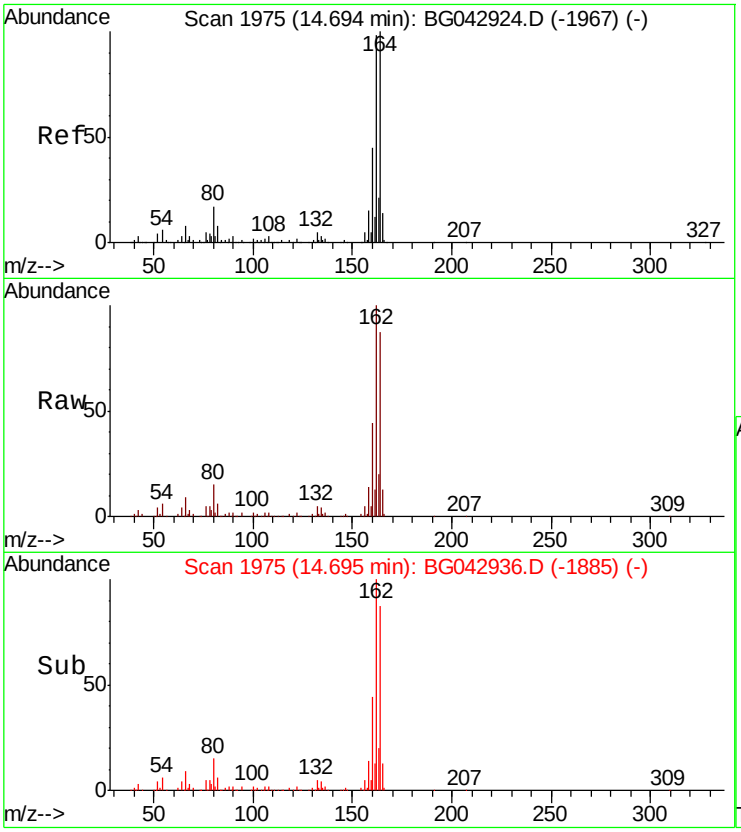


#36
4-Chloro-3-methylphenol
Concen: 25.362 ng
RT: 12.15 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion:107 Resp: 81924

Ion	Ratio	Lower	Upper
107	100		
144	23.6	20.7	31.1
142	73.3	58.6	87.8



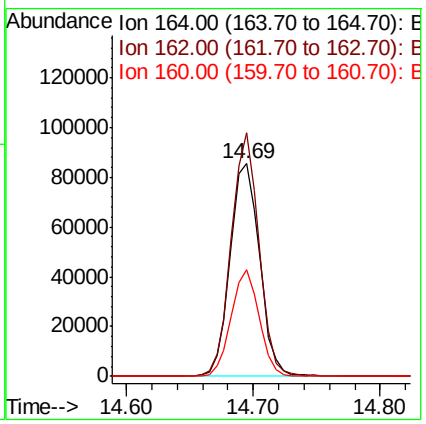


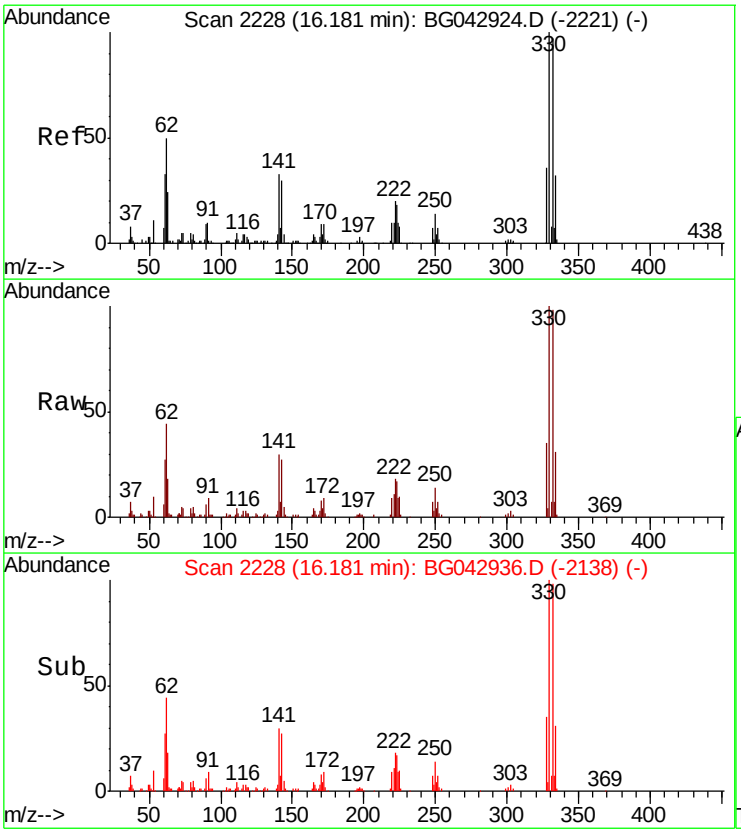
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:164 Resp: 137098

Ion	Ratio	Lower	Upper
164	100		
162	114.5	78.5	117.7
160	50.1	35.9	53.9

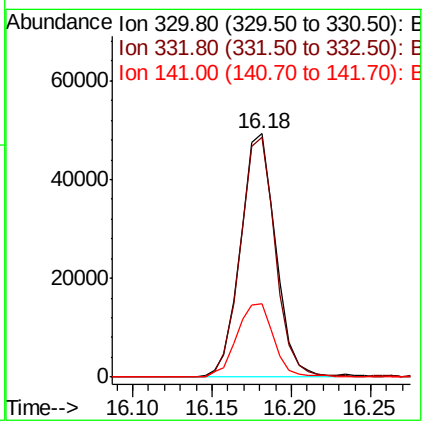


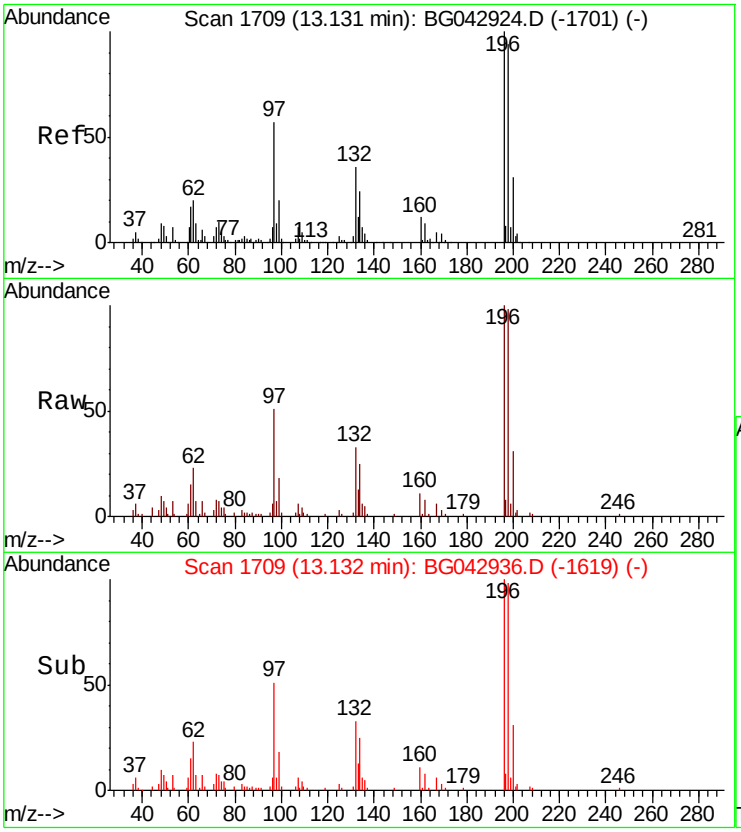


#42
2,4,6-Tribromophenol
Concen: 32.255 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion:330 Resp: 76040

Ion	Ratio	Lower	Upper
330	100		
332	97.5	78.2	117.2
141	31.4	26.0	39.0



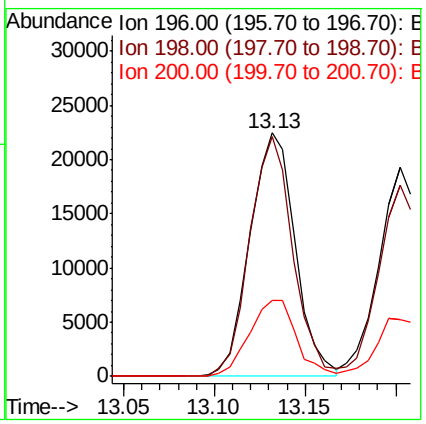


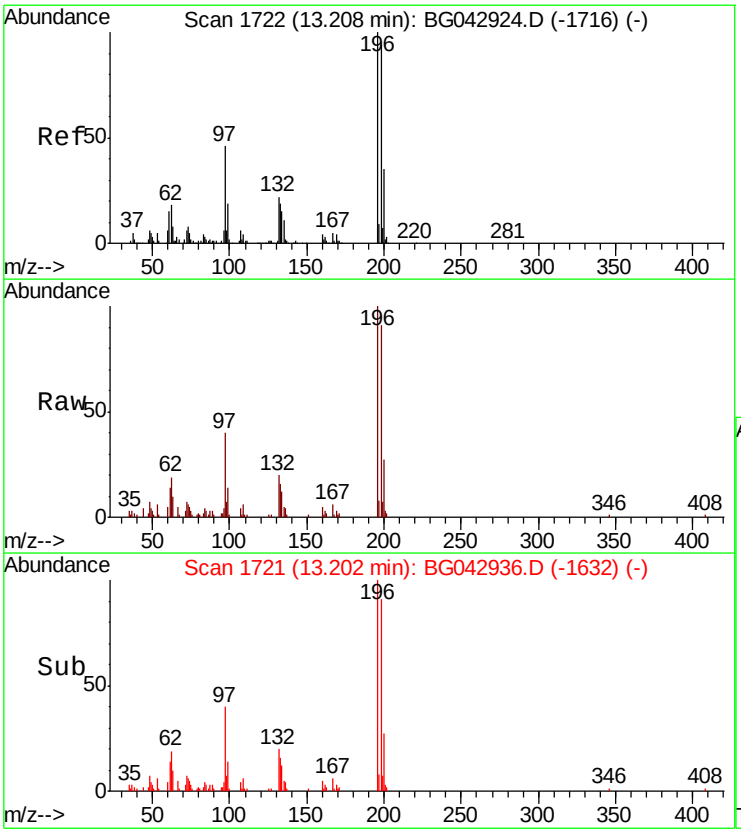
#43
2,4,6-Trichlorophenol
Concen: 12.891 ng
RT: 13.13 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:196 Resp: 38894

Ion	Ratio	Lower	Upper
196	100		
198	98.3	75.5	113.3
200	31.3	24.9	37.3

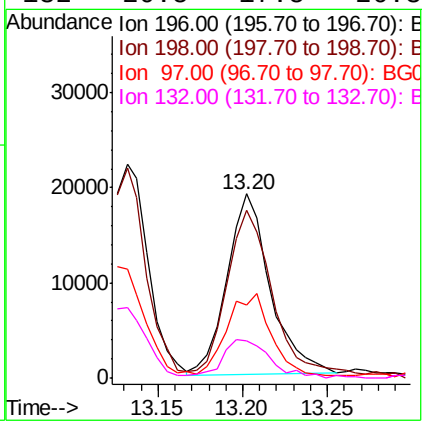


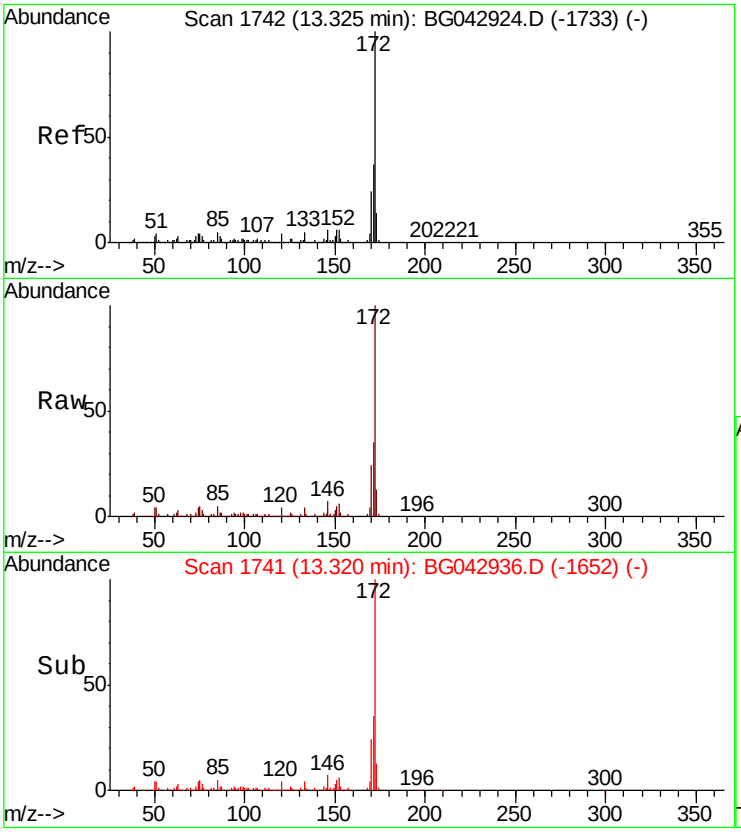


#44
2,4,5-Trichlorophenol
Concen: 10.890 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion:196 Resp: 33846

Ion	Ratio	Lower	Upper
196	100		
198	91.0	75.1	112.7
97	40.0	37.0	55.4
132	20.5	17.5	26.3



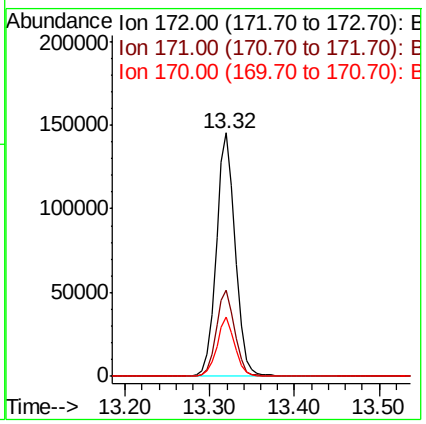


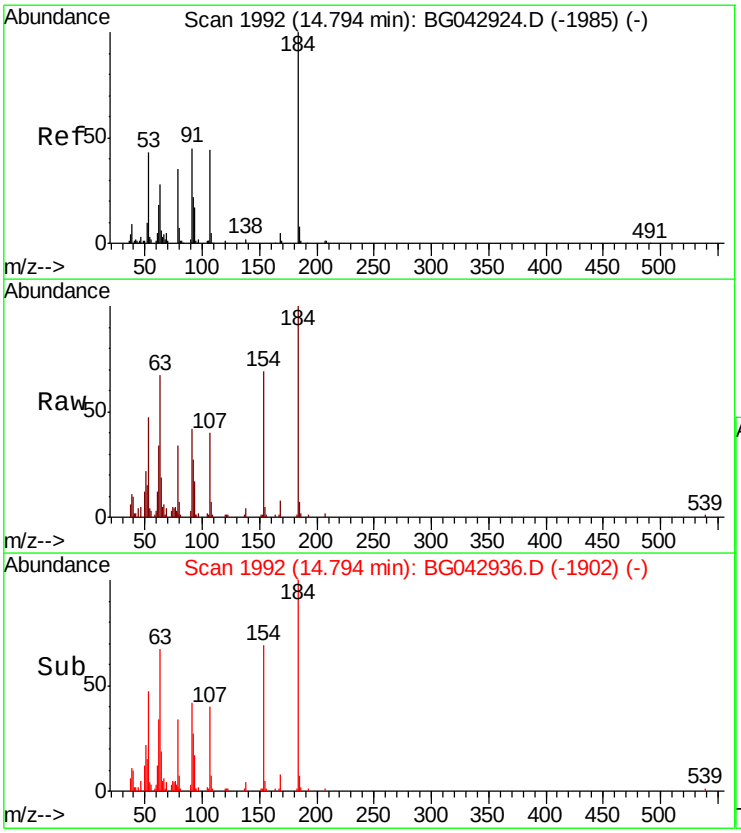
#45
2-Fluorobiphenyl
Concen: 23.973 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:172 Resp: 226713

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	24.4	19.6	29.4

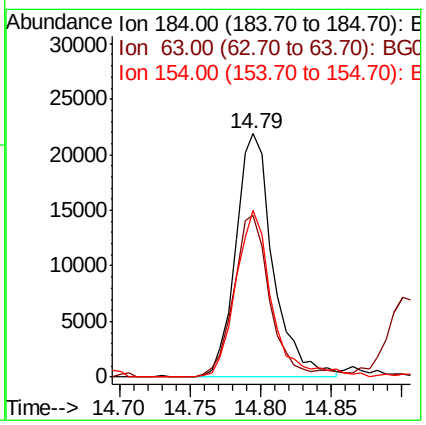


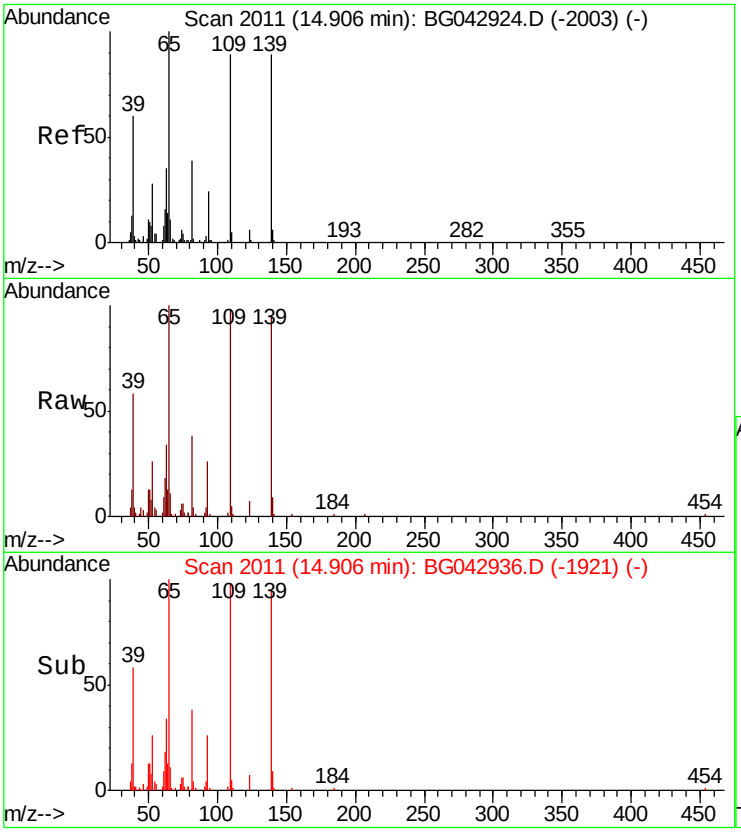


#54
2,4-Dinitrophenol
Concen: 29.702 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion:184 Resp: 40387

Ion	Ratio	Lower	Upper
184	100		
63	66.6	55.0	82.6
154	68.7	56.5	84.7



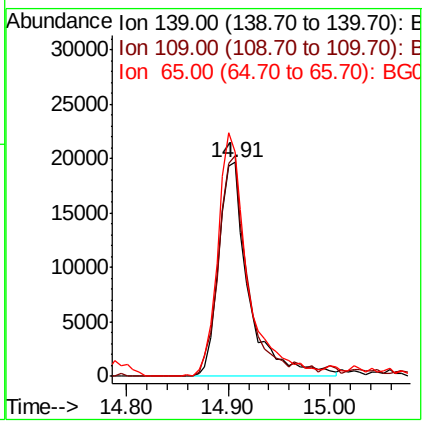


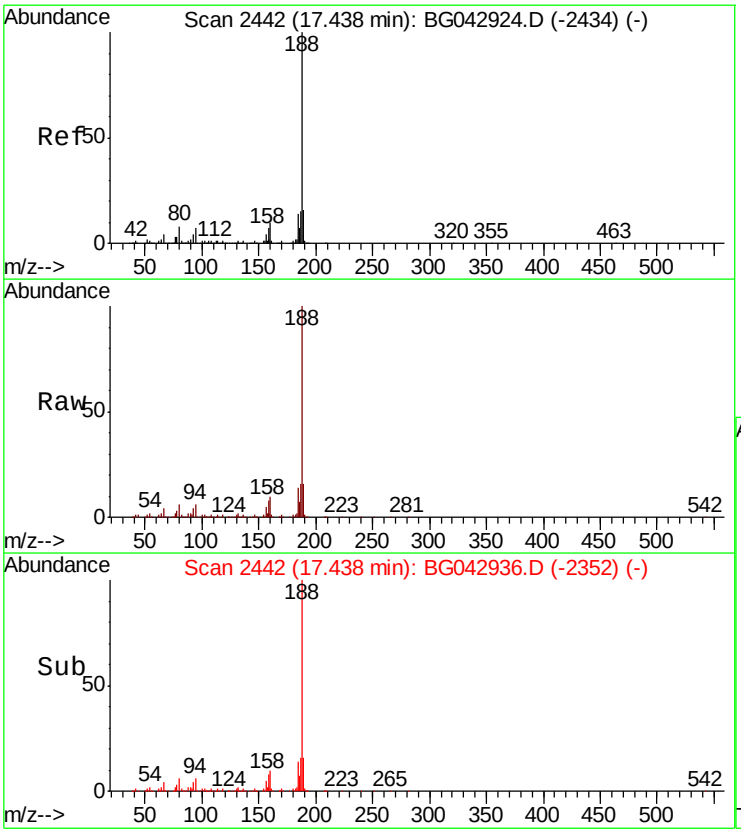
#56
4-Nitrophenol
Concen: 23.398 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:139 Resp: 40304

Ion	Ratio	Lower	Upper
139	100		
109	103.0	79.4	119.4
65	105.0	92.5	132.5

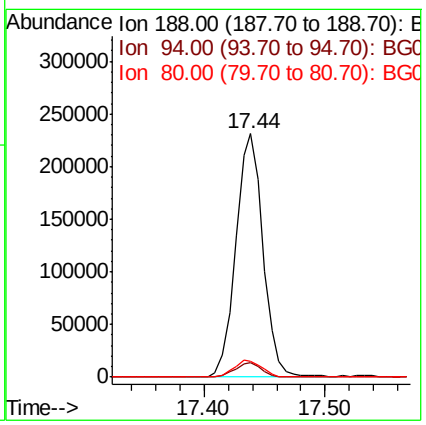


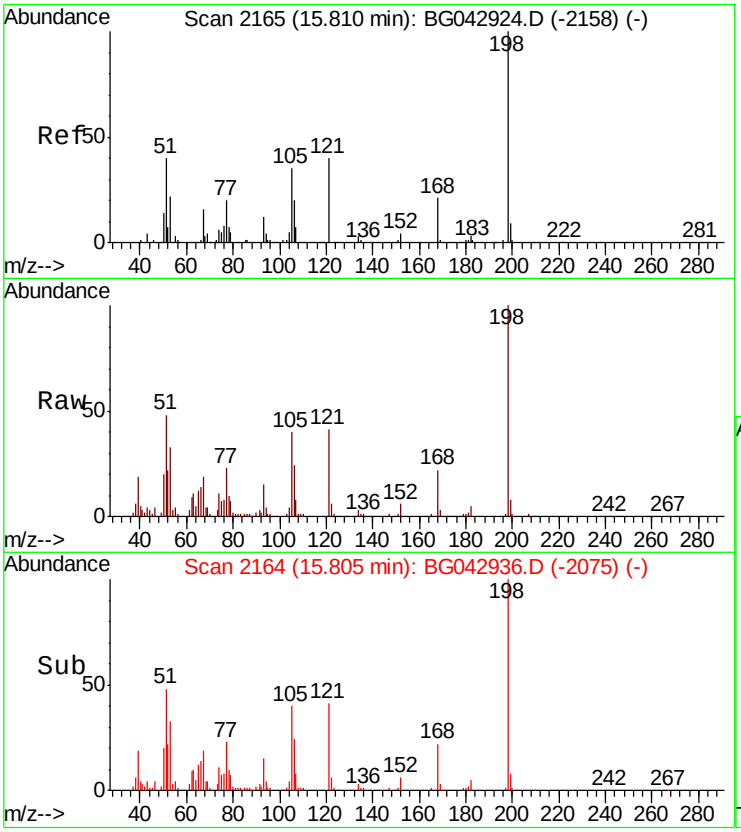


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion:188 Resp: 362119

Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.7	8.5
80	6.5	6.5	9.7#



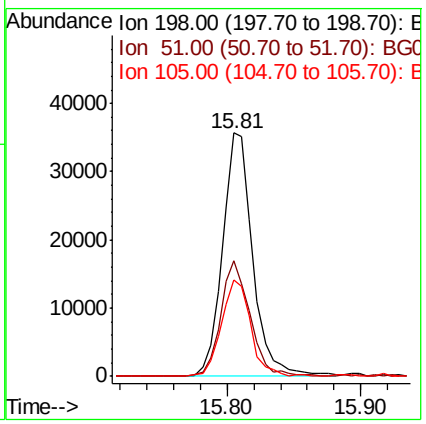


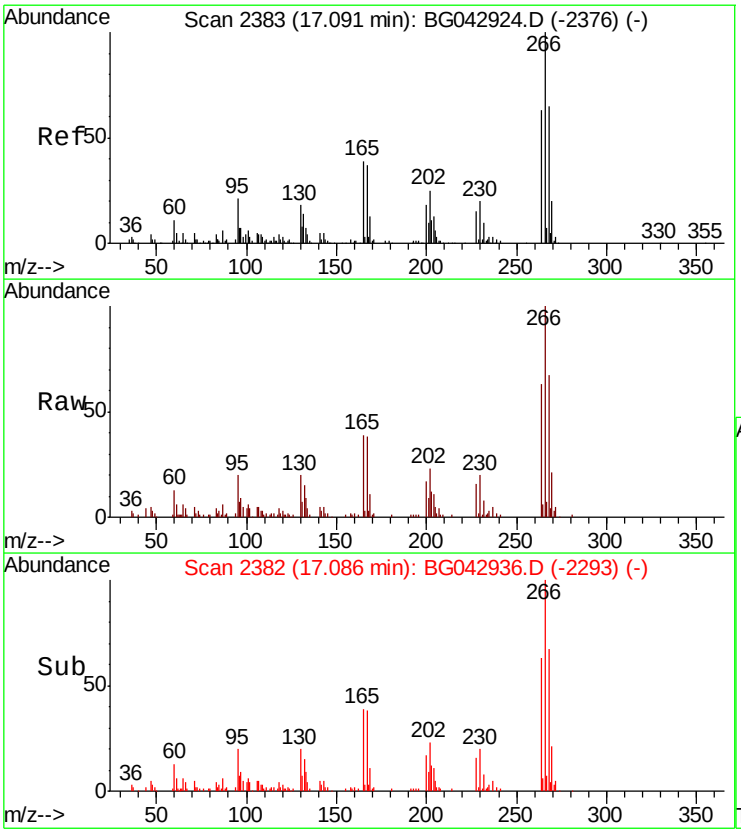
#65
4,6-Dinitro-2-methylphenol
Concen: 27.699 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:198 Resp: 56758

Ion	Ratio	Lower	Upper
198	100		
51	47.5	25.3	65.3
105	39.5	16.6	56.6

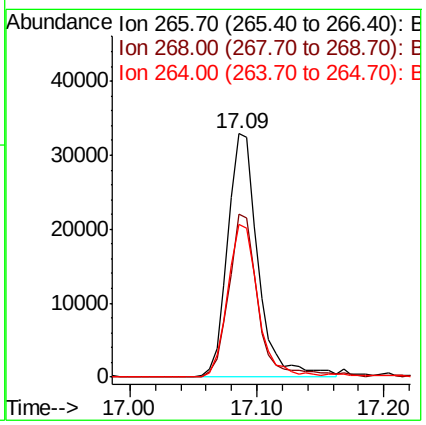


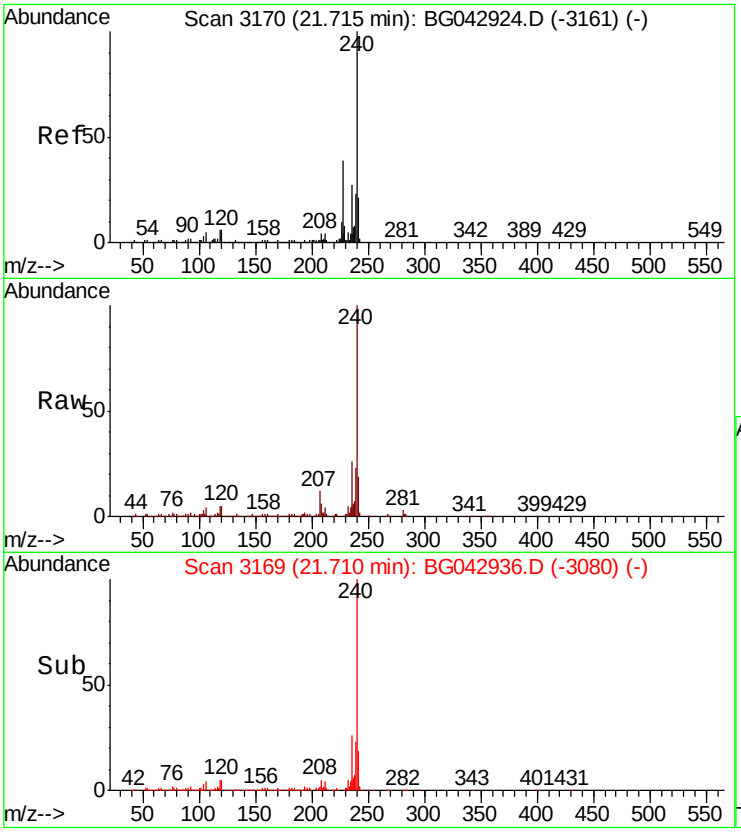


#70
Pentachlorophenol
Concen: 18.675 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion:266 Resp: 54532

Ion	Ratio	Lower	Upper
266	100		
268	66.8	52.2	78.2
264	62.8	50.7	76.1



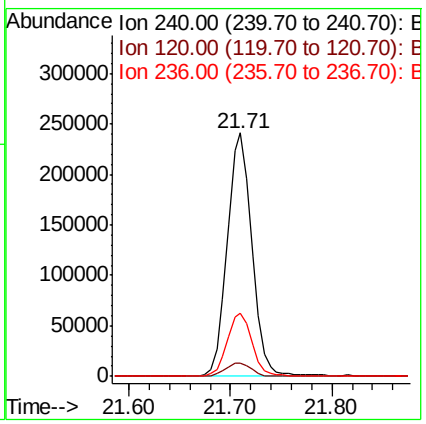


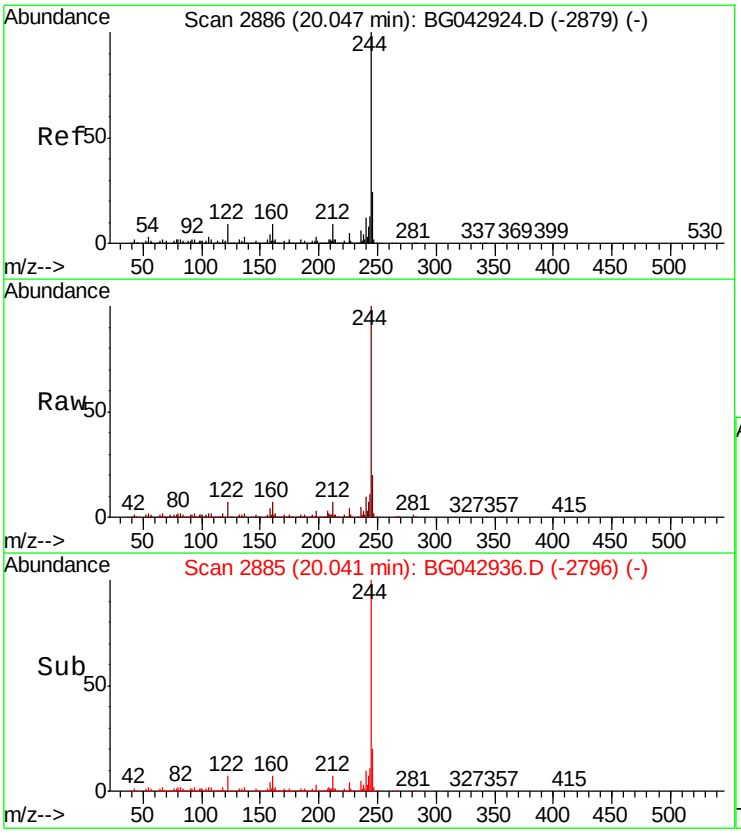
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:240 Resp: 407207

Ion	Ratio	Lower	Upper
240	100		
120	5.5	4.8	7.2
236	26.1	21.4	32.0

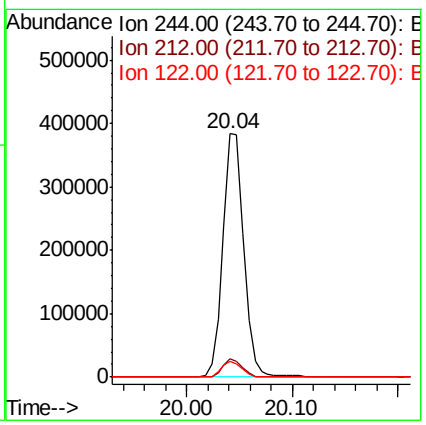


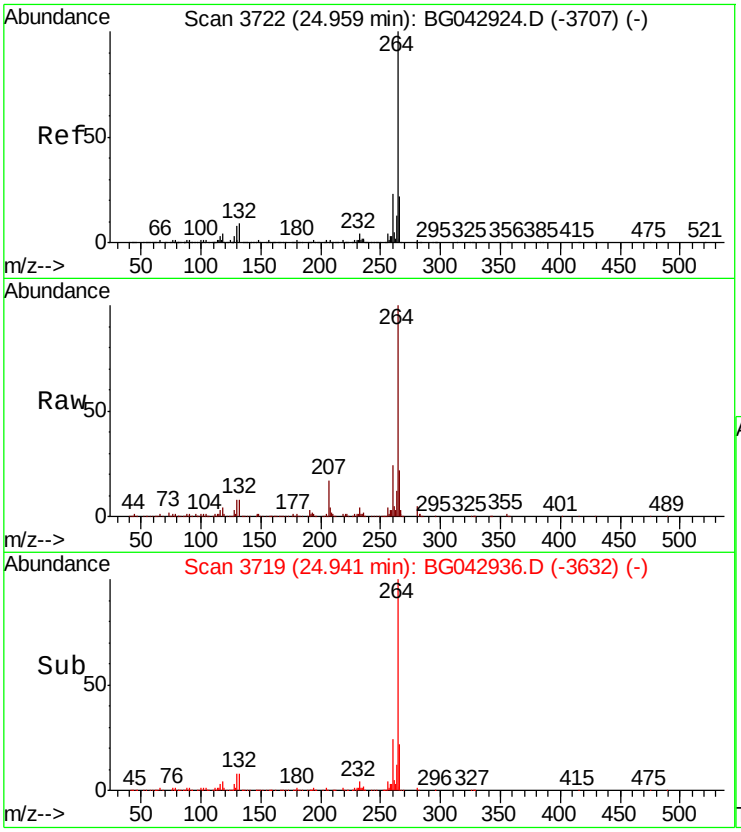


#79
Terphenyl-d14
Concen: 27.528 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BG042936.D
Acq: 26 Sep 2019 13:27

Tgt Ion:244 Resp: 526058

Ion	Ratio	Lower	Upper
244	100		
212	7.3	7.4	11.0#
122	6.6	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: BG042936.D
Acq: 26 Sep 2019 13:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:264 Resp: 447189

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	22.3	17.7	26.5