Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029278.D
Acq On : 16 Oct 2017 18:03
Operator : SJ/JU
Sample : I5266-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-ACIDS-WP

Quant Time: Oct 16 19:14:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	54350	20.00	ng		0.01
21) Naphthalene-d8	10.99	136	237543	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	151697	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	358687	20.00	ng		0.00
75) Chrysene-d12	21.79	240	445860	20.00	ng		0.00
86) Perylene-d12	25.11	264	456027	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	464523	142.78	ng		0.02
7) Phenol-d6	7.34	99	594150	130.11	ng		0.01
23) Nitrobenzene-d5	9.34	82	327706	87.67	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	253264	129.31	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	854996	82.66	ng		0.00
78) Terphenyl-d14	20.11	244	1403017	71.59	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	7.75	128	675180	181.053	ng		94
10) Phenol	7.36	94	820715	166.700	ng		95
17) 2-Methylphenol	8.61	107	269867	82.515	ng		98
20) 3+4-Methylphenols	8.93	107	409436	88.848	ng		95
26) 2-Nitrophenol	10.10	139	187918	93.549	ng		89
27) 2,4-Dimethylphenol	10.15	122	327987	90.245	ng		94
29) 2,4-Dichlorophenol	10.64	162	584239	150.746	ng		94
36) 4-Chloro-3-methylphenol	12.25	107	195640	45.897	ng	#	87
42) 2,4,6-Trichlorophenol	13.23	196	300682	86.482	ng		99
43) 2,4,5-Trichlorophenol	13.30	196	233589	65.420	ng		96
55) 4-Nitrophenol	15.00	139	397431	180.056	ng	#	82
64) 4,6-Dinitro-2-methylphenol	15.91	198	287895	131.442	ng		87
69) Pentachlorophenol	17.18	266	345566	129.030	ng		97

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

Quantitation Report (LSC Reviewed)

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

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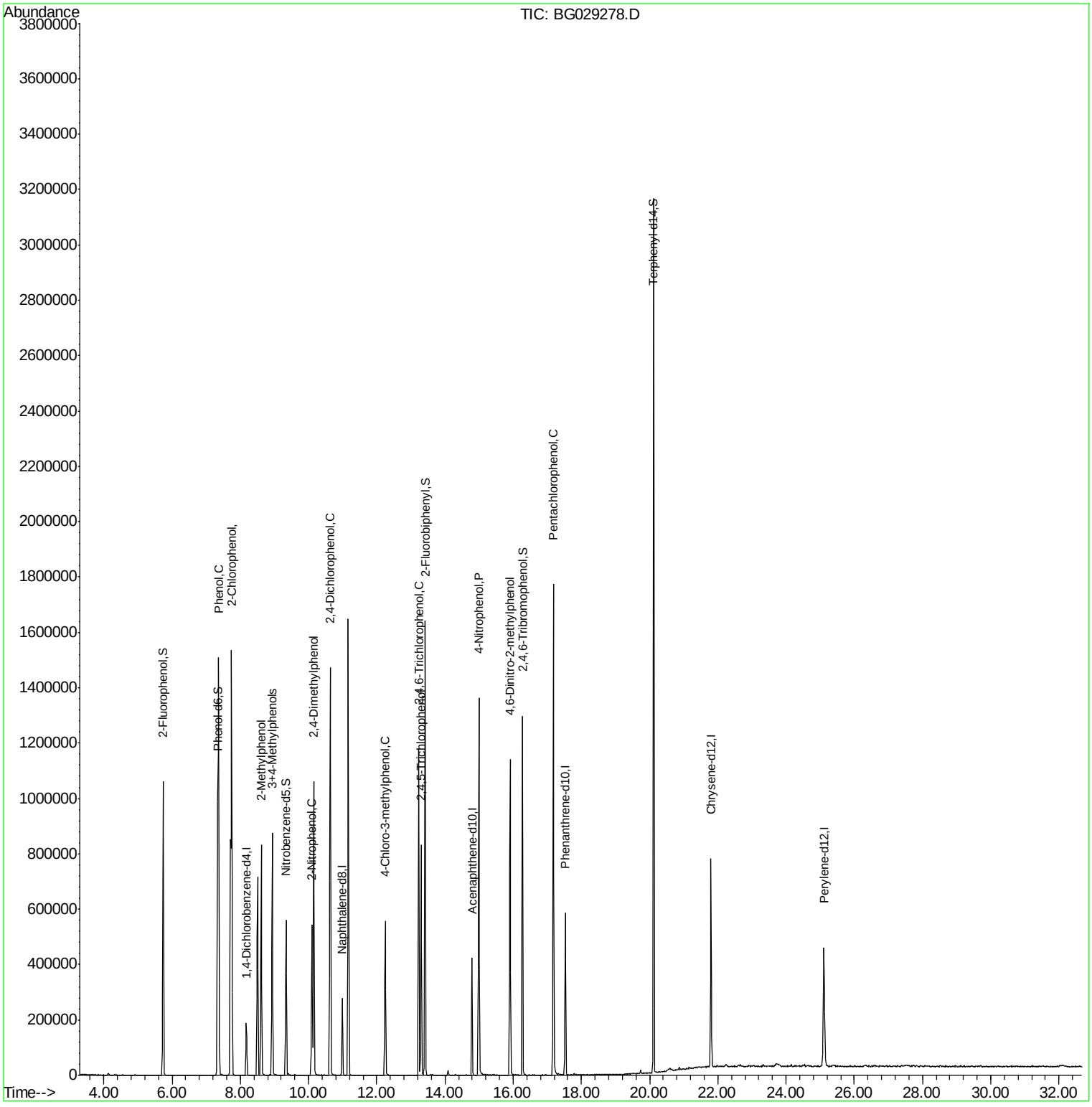
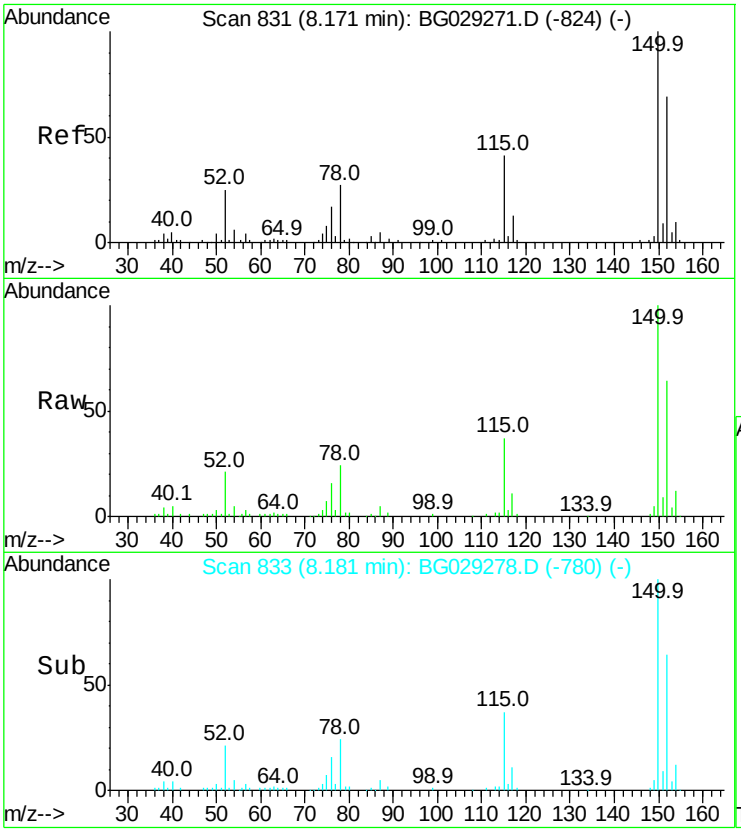


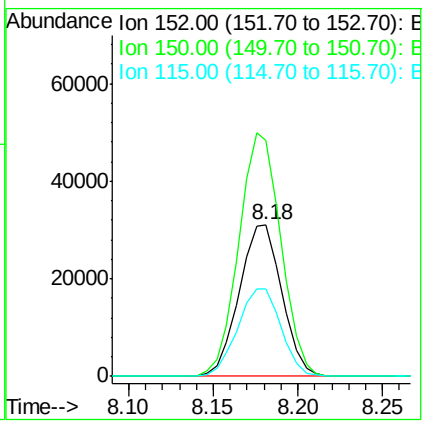


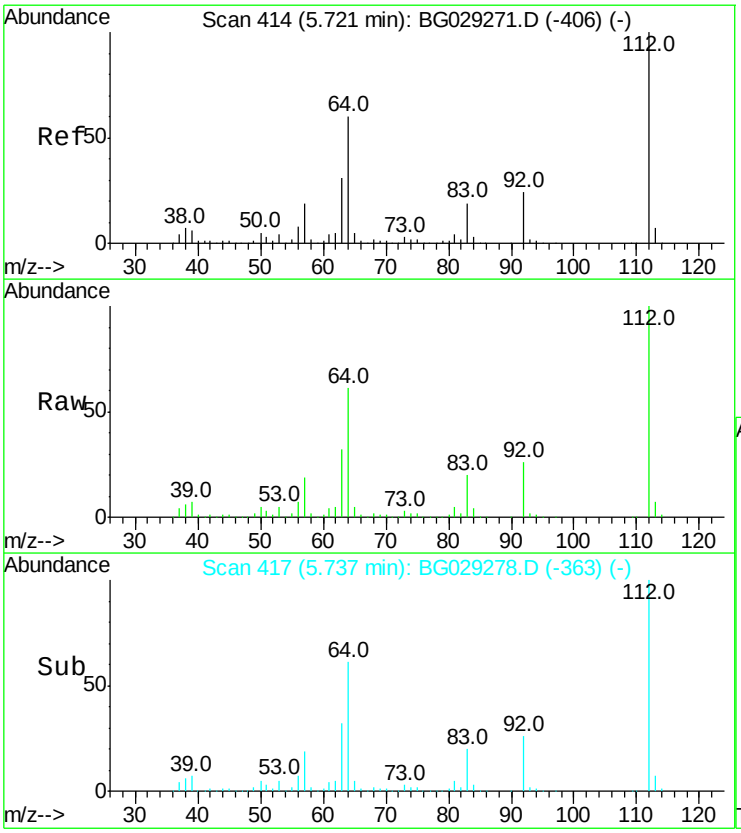
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 833
Delta R.T. 0.01 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:152 Resp: 54350

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.6	189.8
115	57.2	53.0	79.4

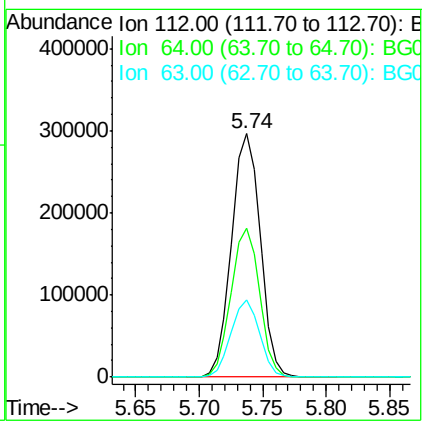


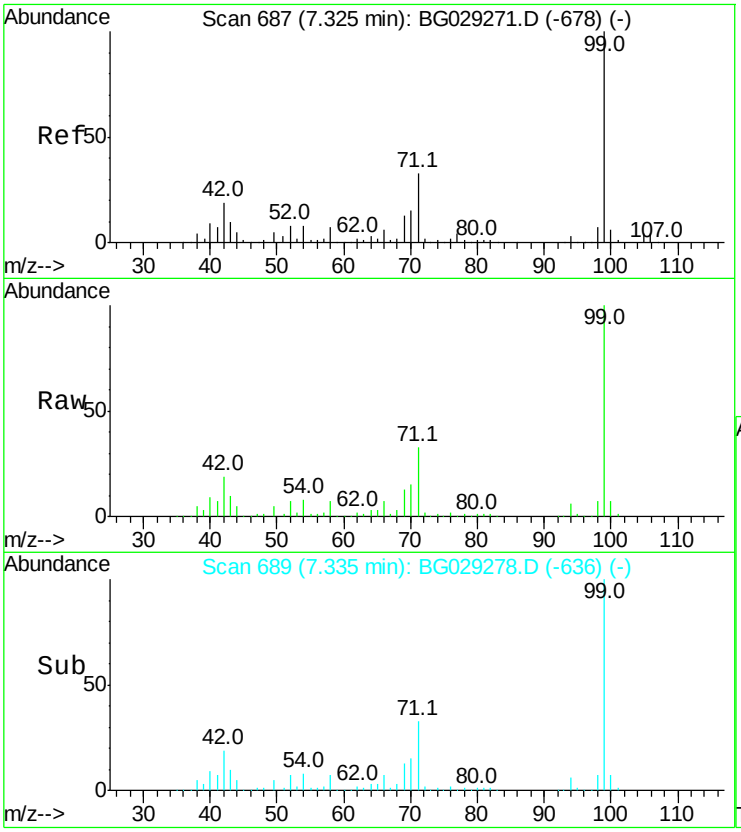


#5
2-Fluorophenol
Concen: 142.780 ng
RT: 5.74 min Scan# 417
Delta R.T. 0.02 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:112 Resp: 464523

Ion	Ratio	Lower	Upper
112	100		
64	61.0	56.3	84.5
63	31.7	30.1	45.1



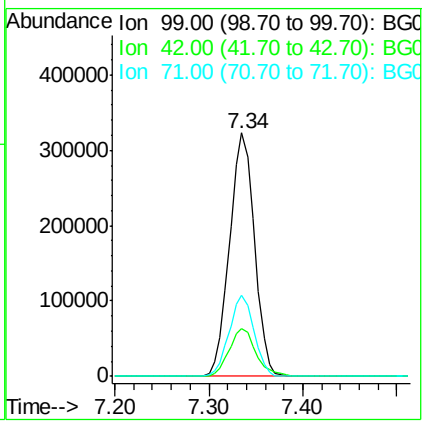


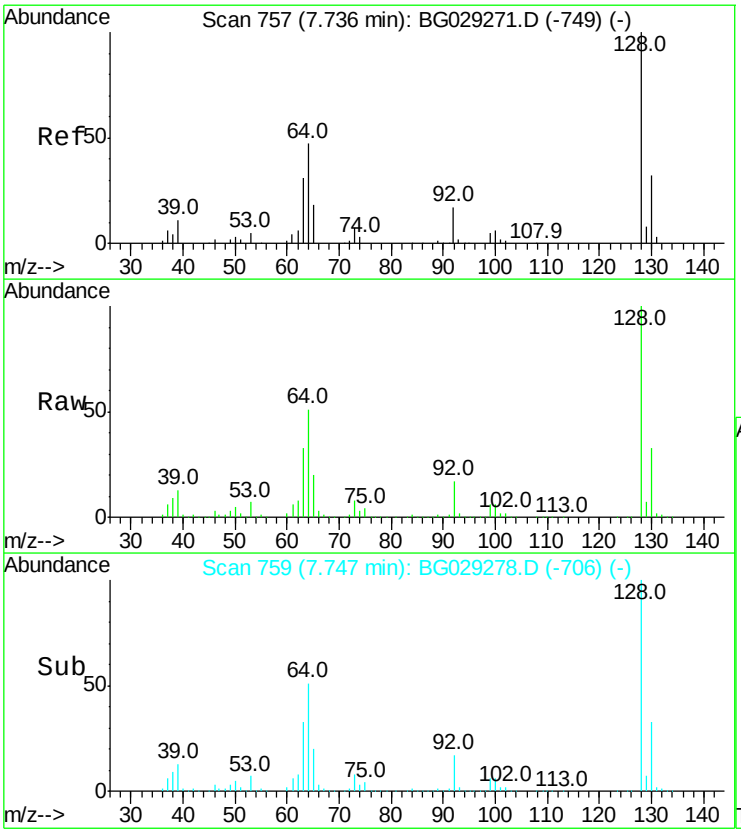
#7
Phenol-d6
Concen: 130.106 ng
RT: 7.34 min Scan# 689
Delta R.T. 0.01 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 99 Resp: 594150

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.1	21.1
71	33.4	26.1	39.1

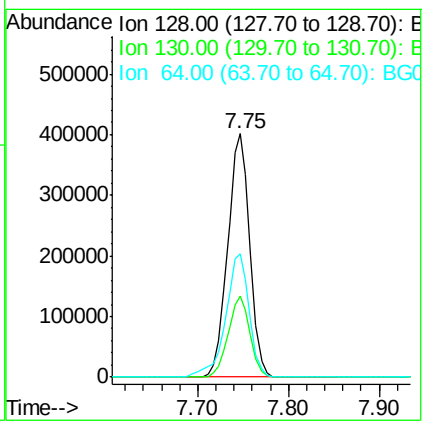


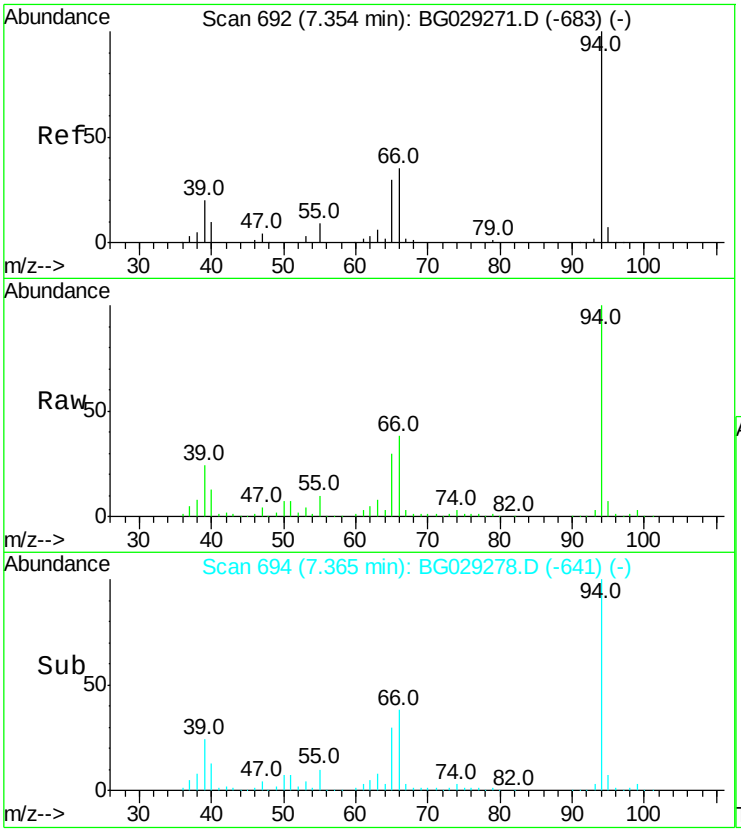


#8
2-Chlorophenol
Concen: 181.053 ng
RT: 7.75 min Scan# 759
Delta R.T. 0.01 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:128 Resp: 675180

Ion	Ratio	Lower	Upper
128	100		
130	33.4	14.0	54.0
64	50.9	37.7	77.7



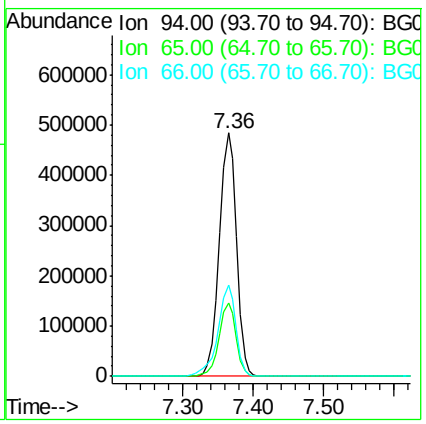


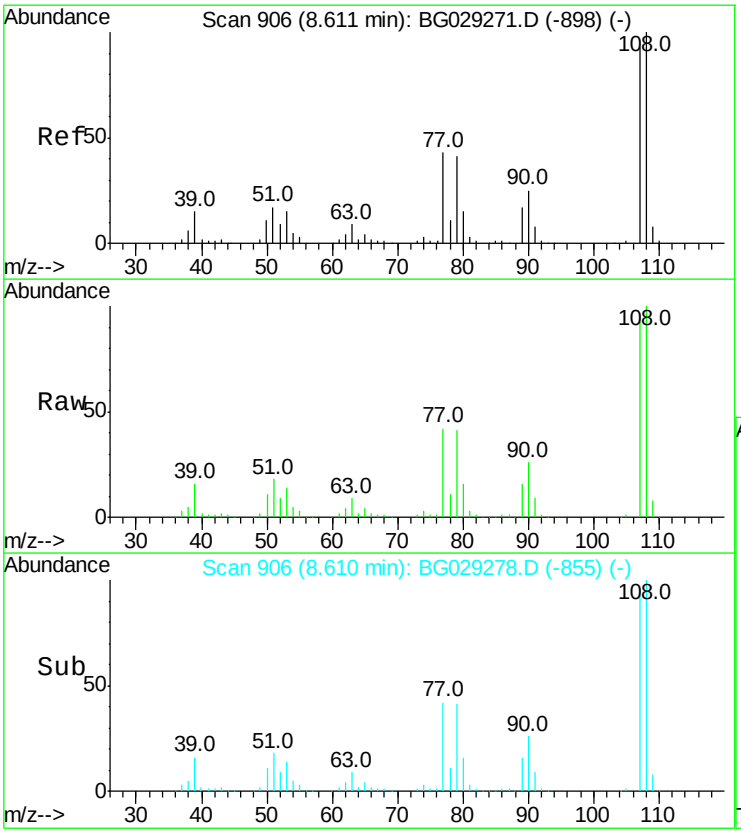
#10
Phenol
Concen: 166.700 ng
RT: 7.36 min Scan# 694
Delta R.T. 0.01 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 94 Resp: 820715

Ion	Ratio	Lower	Upper
94	100		
65	30.1	11.9	51.9
66	37.7	22.2	62.2

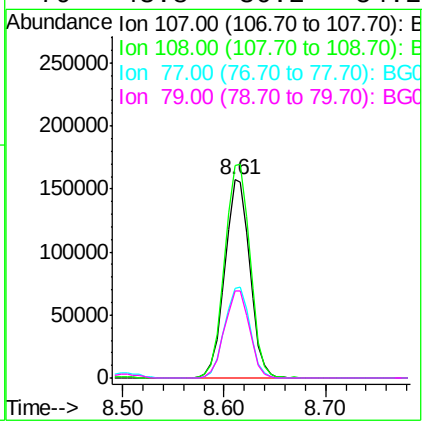


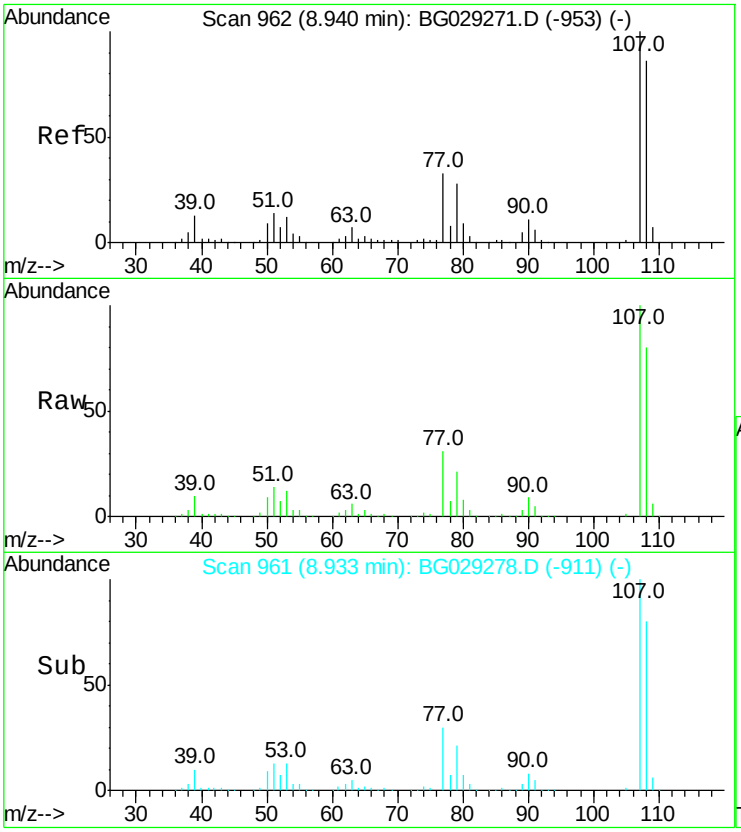


#17
2-Methylphenol
Concen: 82.515 ng
RT: 8.61 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:107 Resp: 269867

Ion	Ratio	Lower	Upper
107	100		
108	107.2	83.9	125.9
77	45.2	37.2	55.8
79	43.8	36.2	54.2



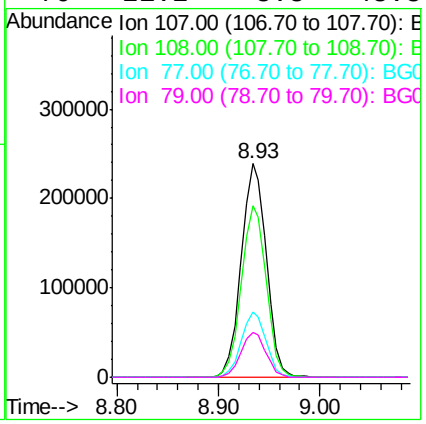


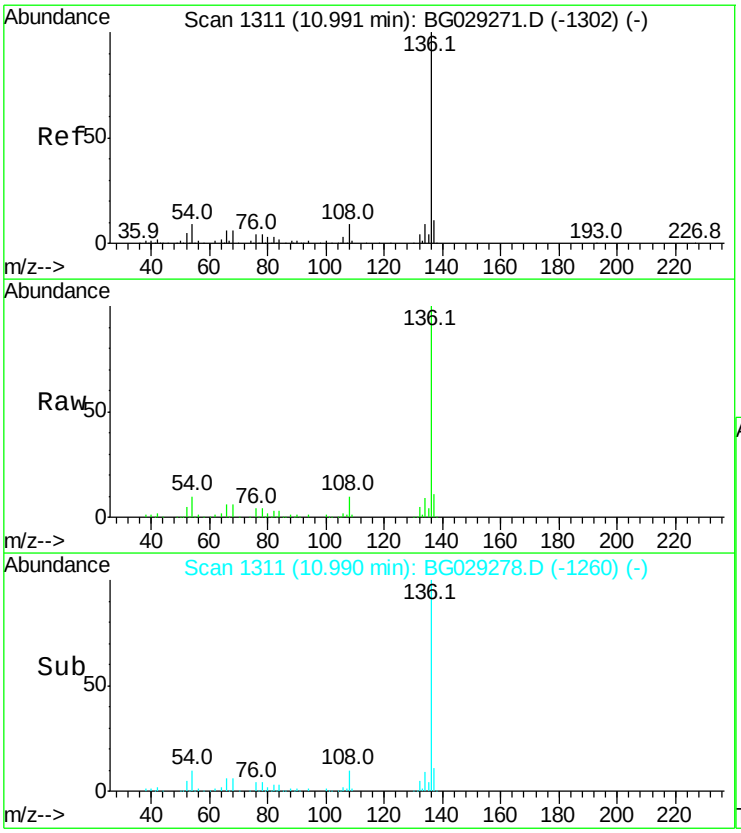
#20
3+4-Methylphenols
Concen: 88.848 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:107 Resp: 409436

Ion	Ratio	Lower	Upper
107	100		
108	80.5	61.6	101.6
77	30.7	13.9	53.9
79	21.2	8.8	48.8

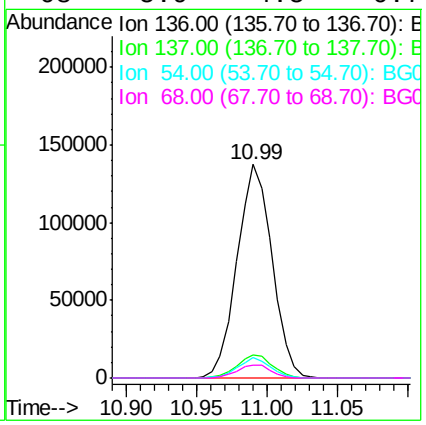


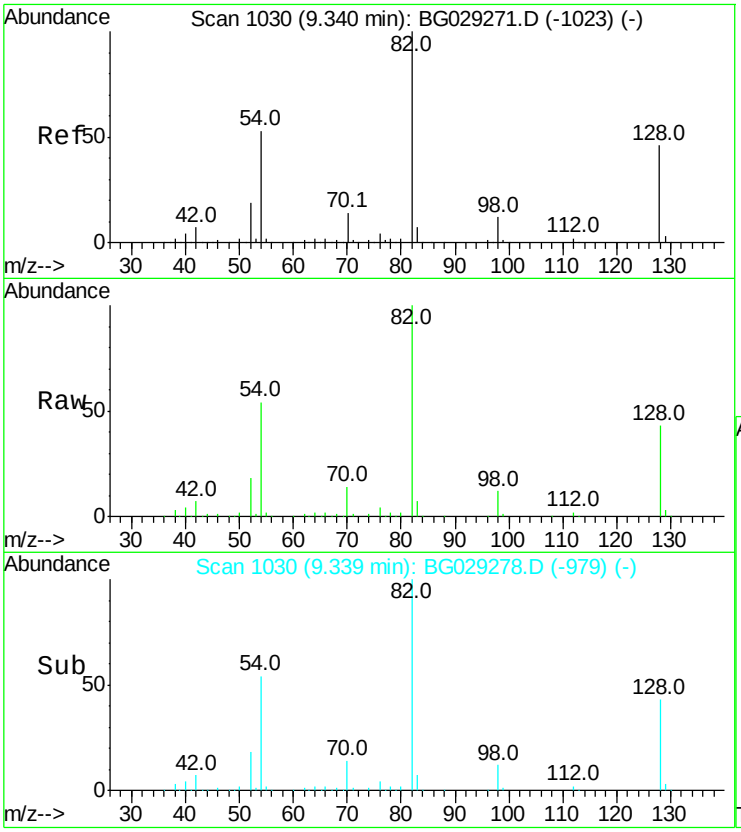


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:136 Resp: 237543

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	9.7	10.3	15.5#
68	5.9	4.5	6.7



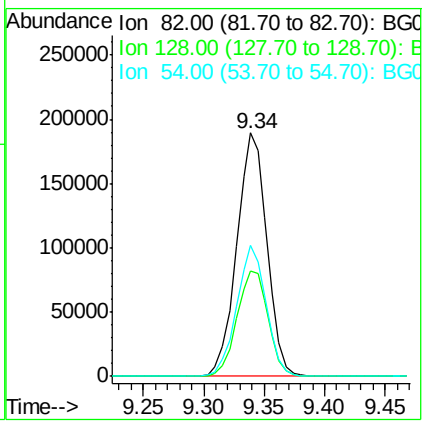


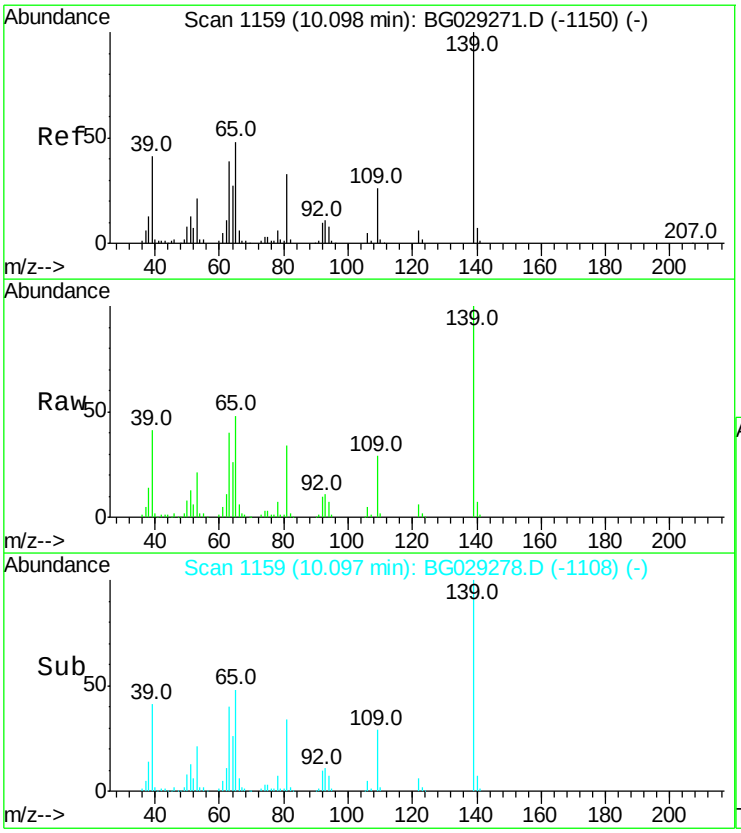
#23
Nitrobenzene-d5
Concen: 87.668 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion: 82 Resp: 327706

Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.7	44.5
54	53.7	43.1	64.7

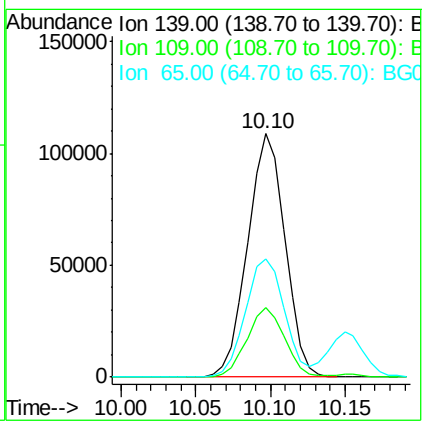


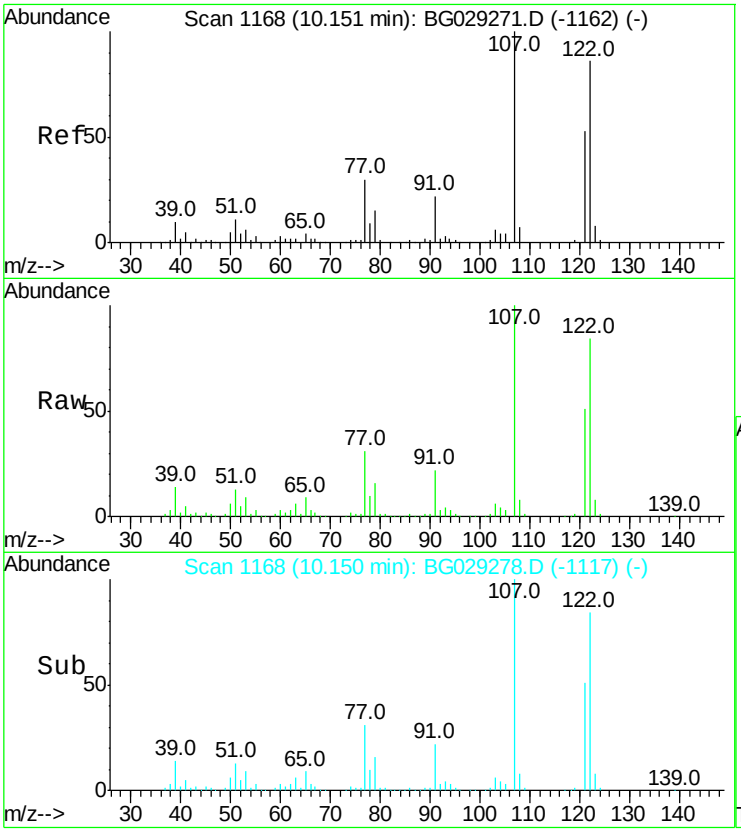


#26
2-Nitrophenol
Concen: 93.549 ng
RT: 10.10 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:139 Resp: 187918

Ion	Ratio	Lower	Upper
139	100		
109	28.6	24.2	36.2
65	48.3	47.4	71.0



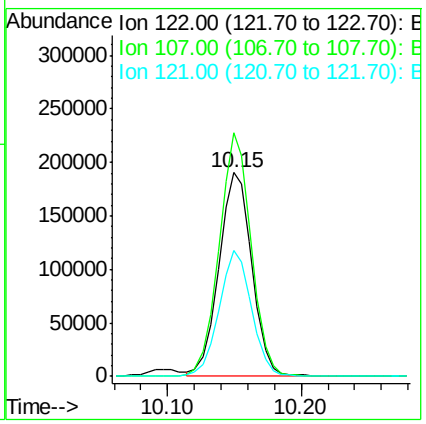


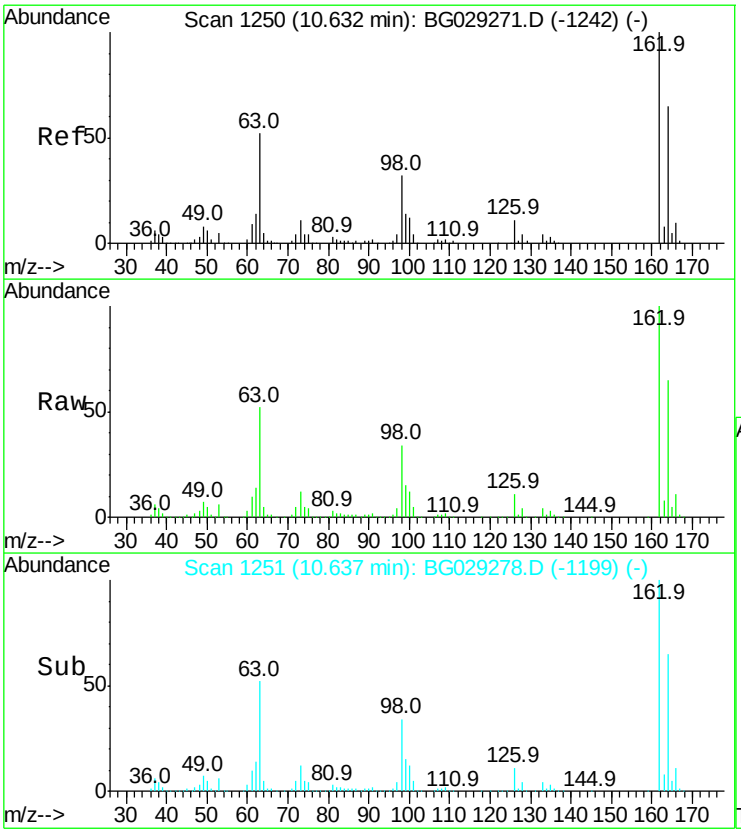
#27
2,4-Dimethylphenol
Concen: 90.245 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:122 Resp: 327987

Ion	Ratio	Lower	Upper
122	100		
107	119.6	100.2	150.2
121	61.5	44.4	66.6

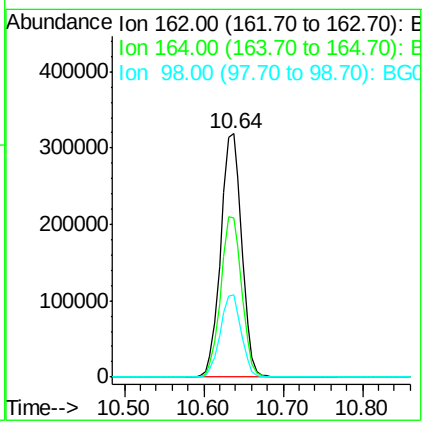


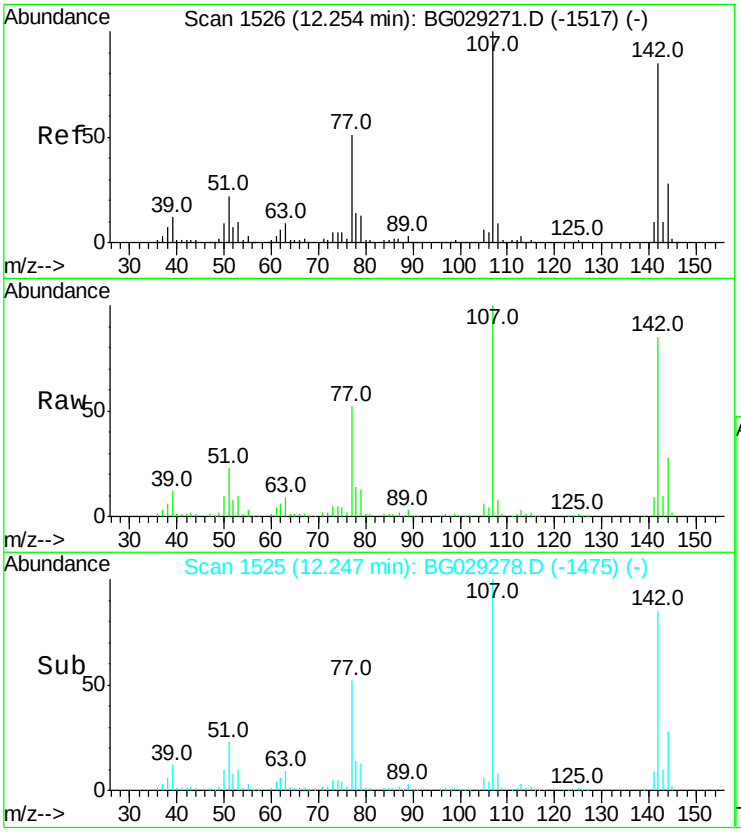


#29
2,4-Dichlorophenol
Concen: 150.746 ng
RT: 10.64 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:162 Resp: 584239

Ion	Ratio	Lower	Upper
162	100		
164	65.5	48.0	88.0
98	33.8	21.1	61.1



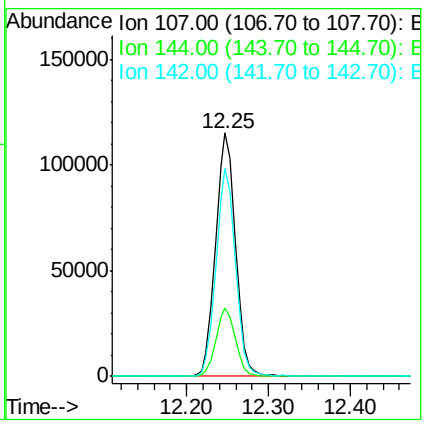


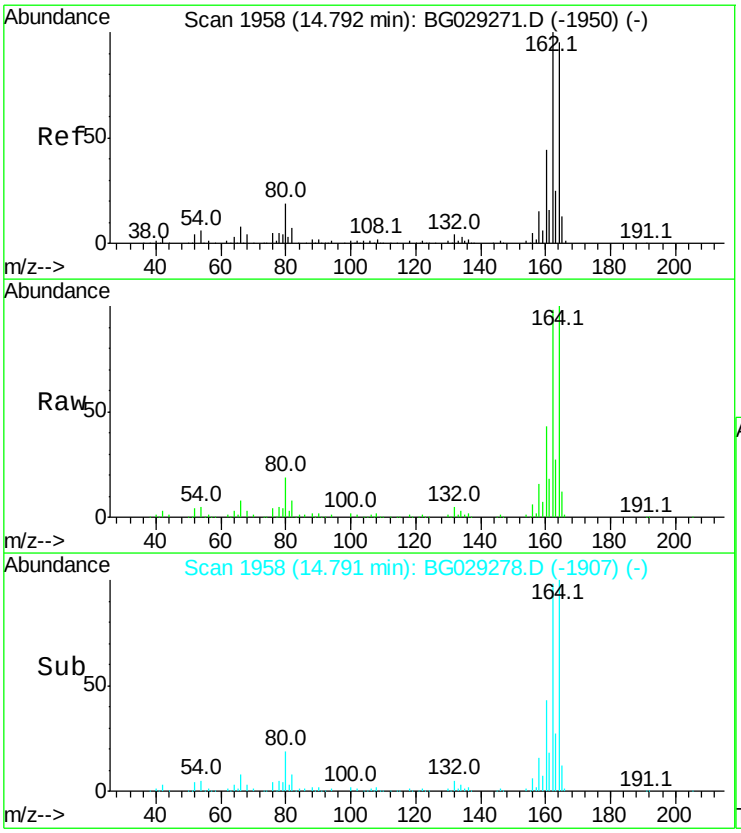
#36
4-Chloro-3-methylphenol
Concen: 45.897 ng
RT: 12.25 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:107 Resp: 195640

Ion	Ratio	Lower	Upper
107	100		
144	28.0	18.2	27.4#
142	85.3	59.0	88.4

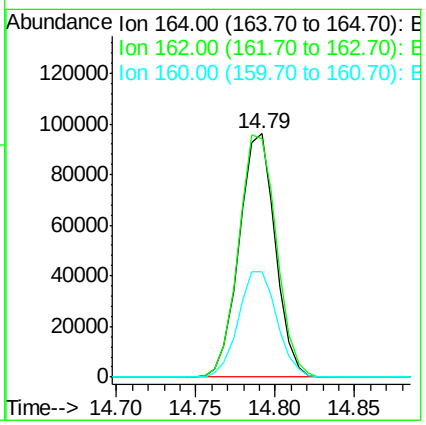


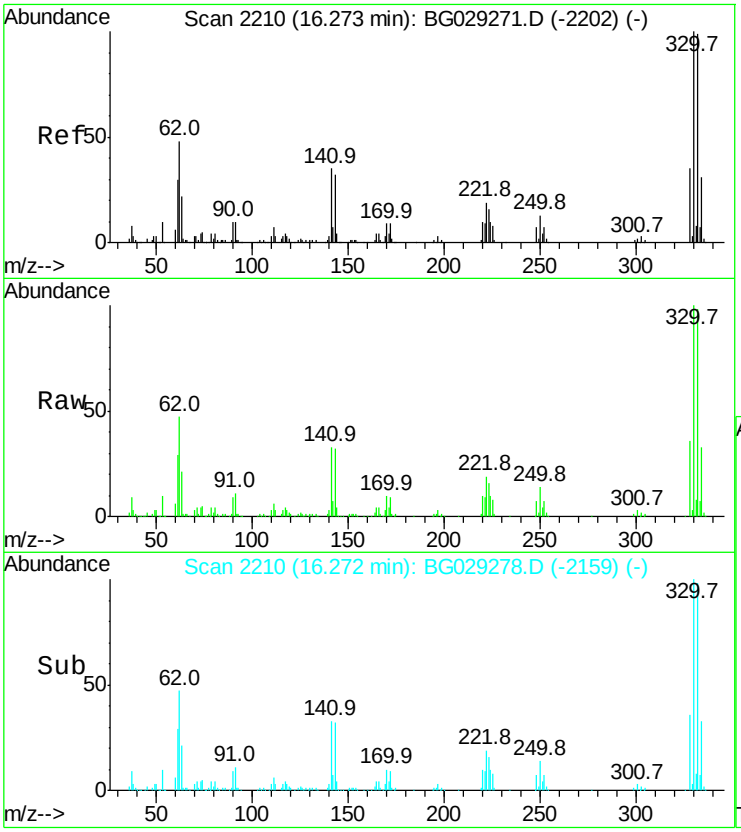


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:164 Resp: 151697

Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.8	118.2
160	43.2	35.4	53.0



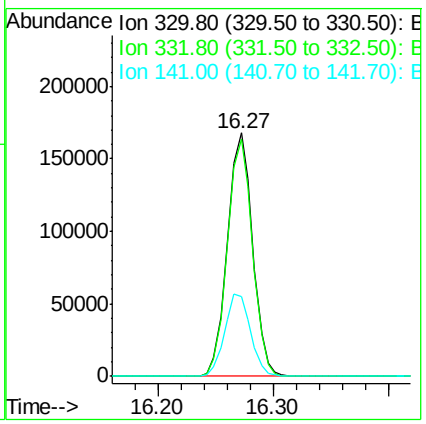


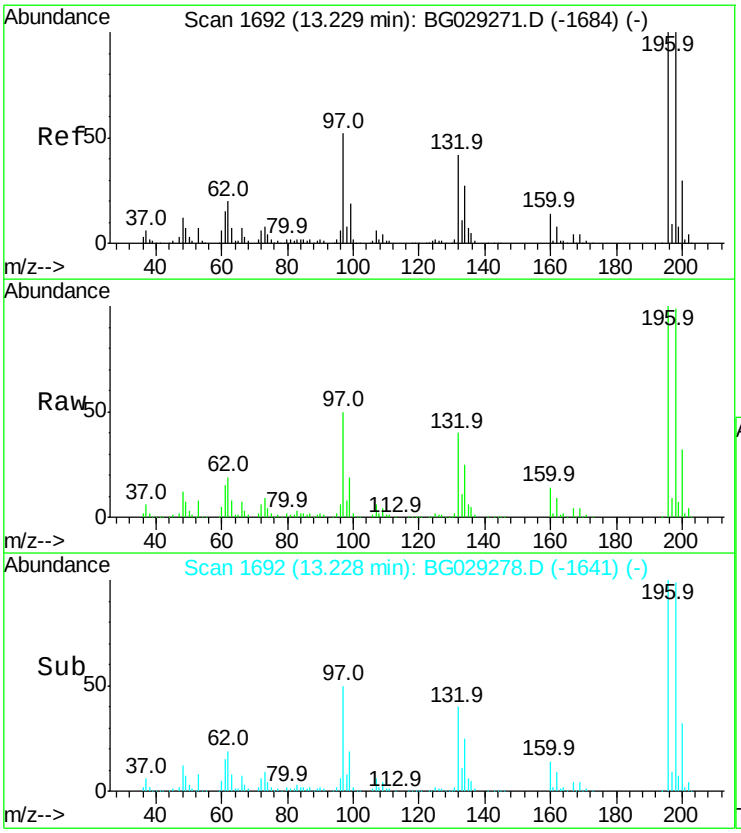
#41
2,4,6-Tribromophenol
Concen: 129.311 ng
RT: 16.27 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:330 Resp: 253264

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	34.7	25.2	37.8

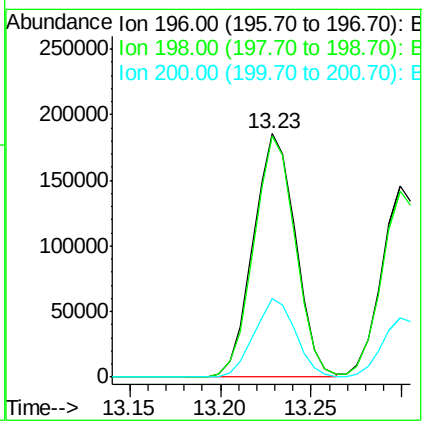


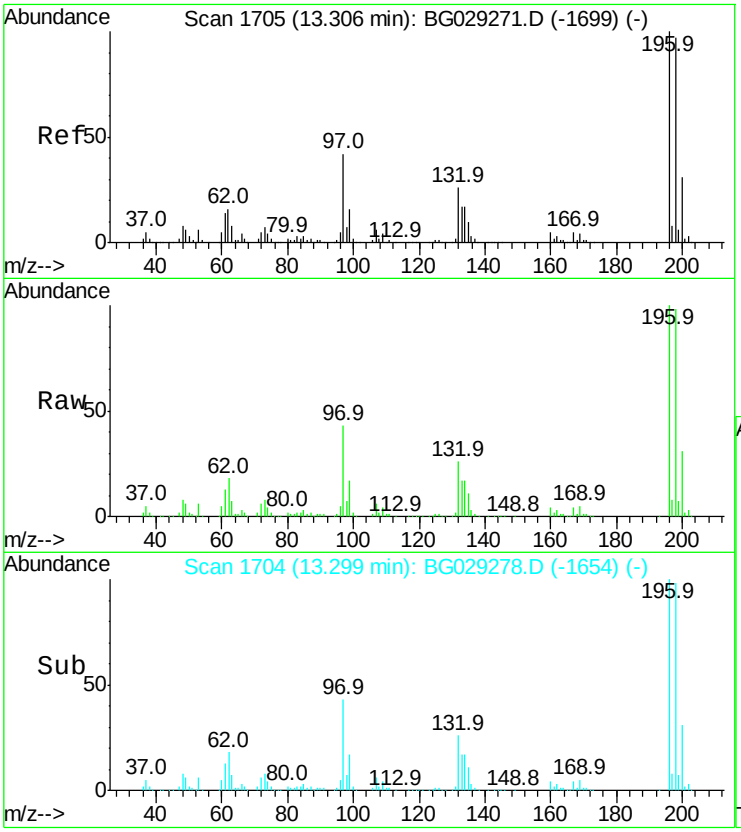


#42
2,4,6-Trichlorophenol
Concen: 86.482 ng
RT: 13.23 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:196 Resp: 300682

Ion	Ratio	Lower	Upper
196	100		
198	98.9	78.2	117.2
200	32.0	24.6	36.8



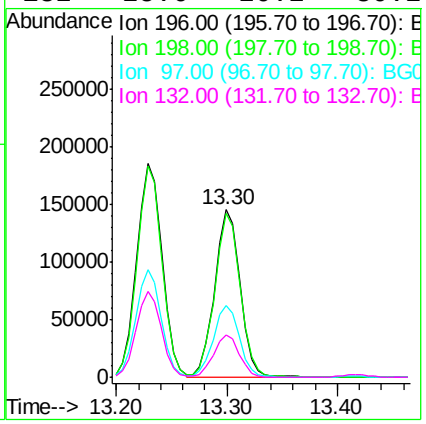


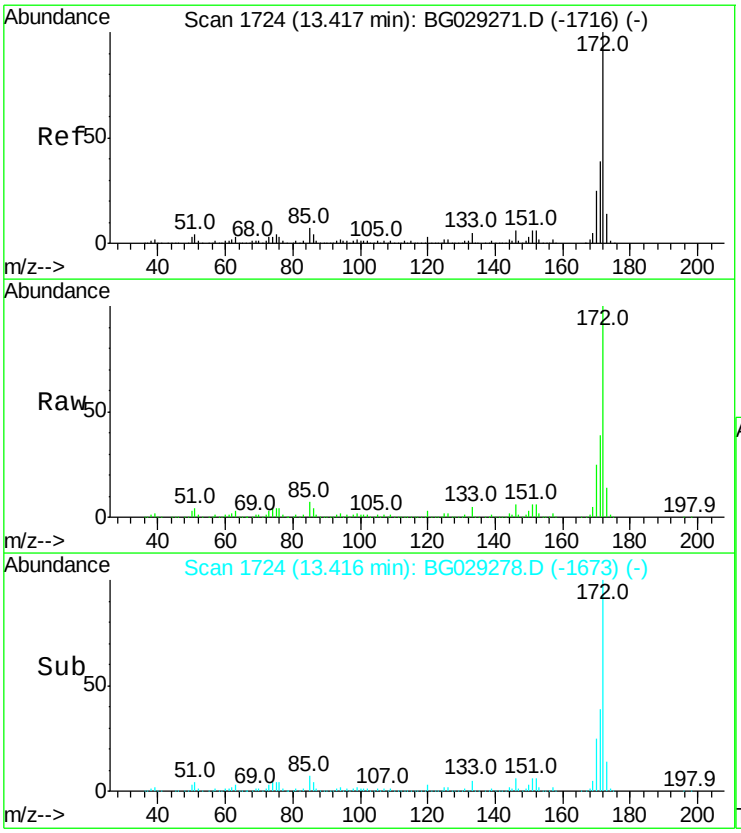
#43
2,4,5-Trichlorophenol
Concen: 65.420 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:196 Resp: 233589

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.2	114.4
97	43.1	38.7	58.1
132	25.6	20.2	30.2

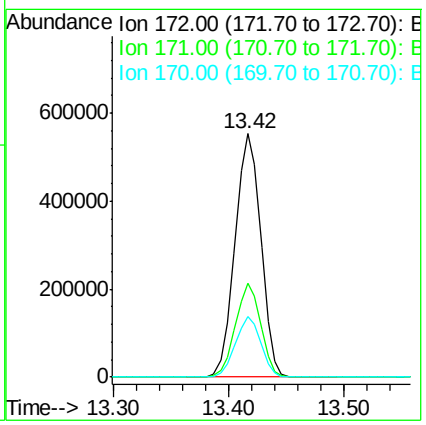


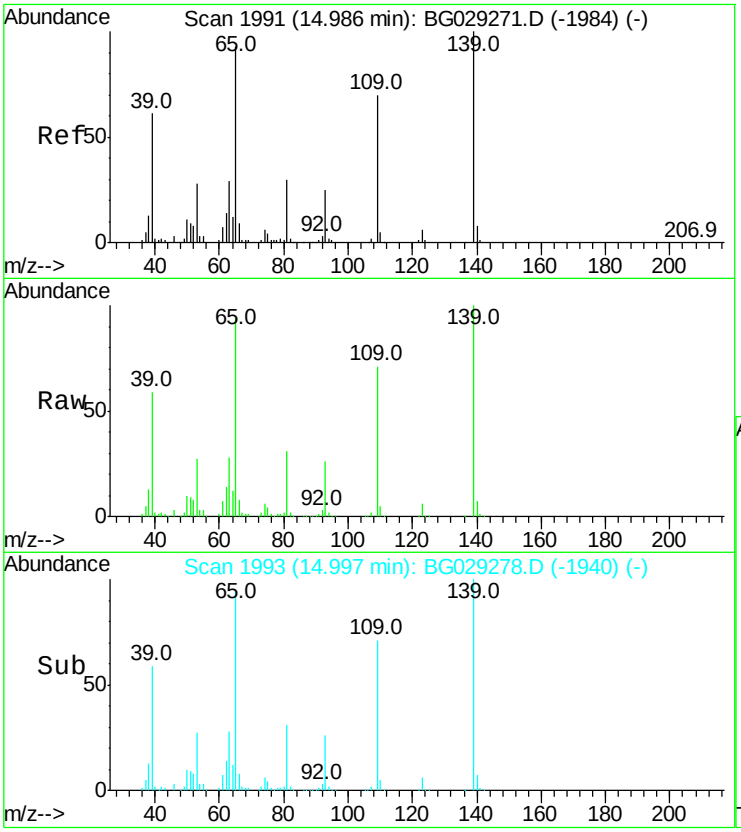


#44
2-Fluorobiphenyl
Concen: 82.664 ng
RT: 13.42 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:172 Resp: 854996

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.0	19.5	29.3



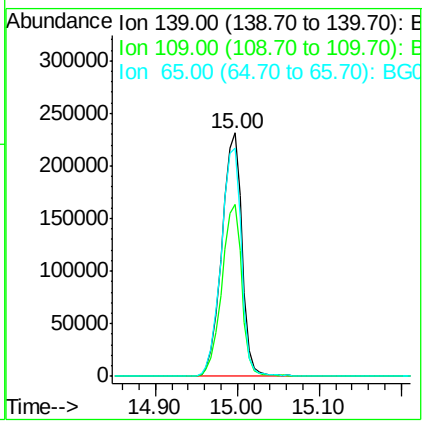


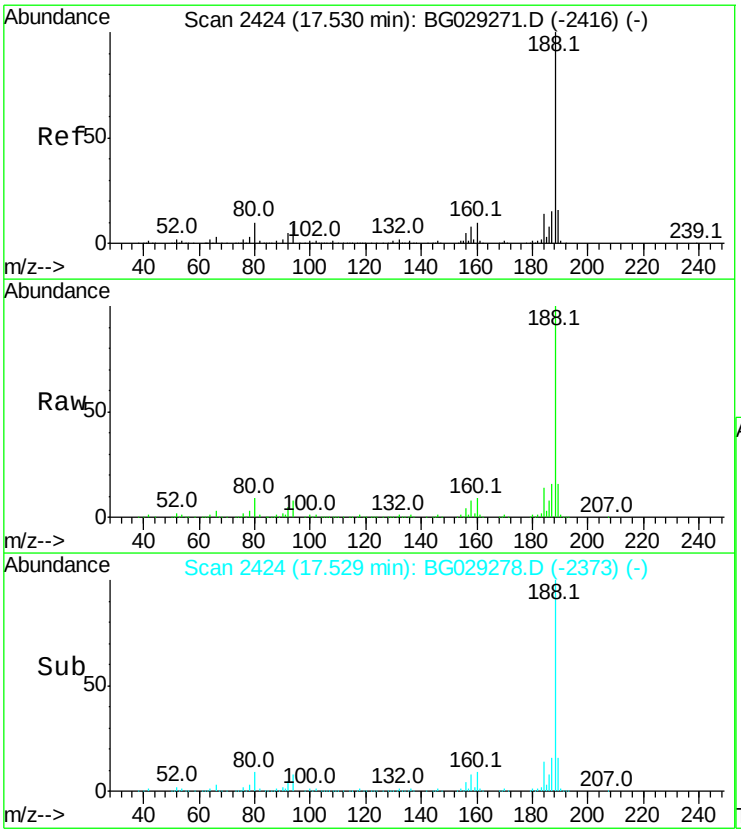
#55
4-Nitrophenol
Concen: 180.056 ng
RT: 15.00 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:139 Resp: 397431

Ion	Ratio	Lower	Upper
139	100		
109	70.5	62.2	102.2
65	93.9	97.2	137.2#

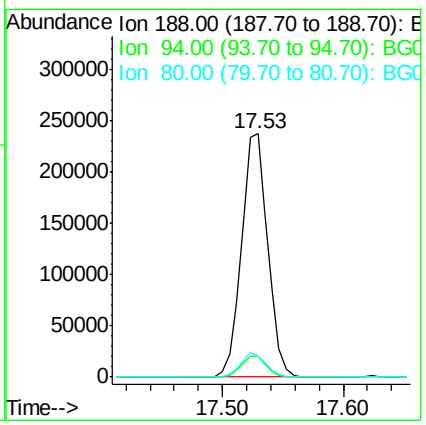


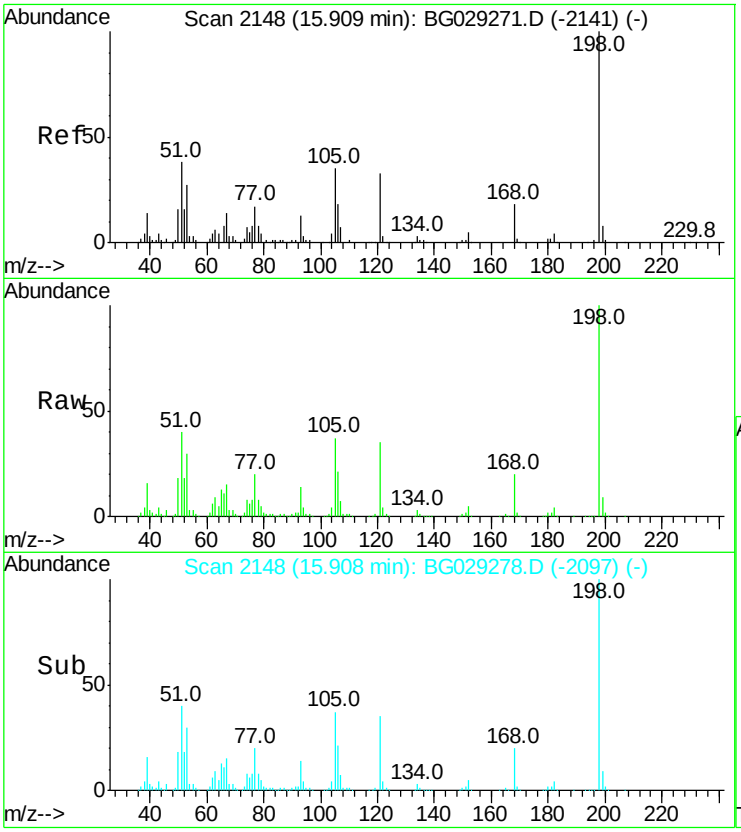


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:188 Resp: 358687

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	8.6	7.7	11.5



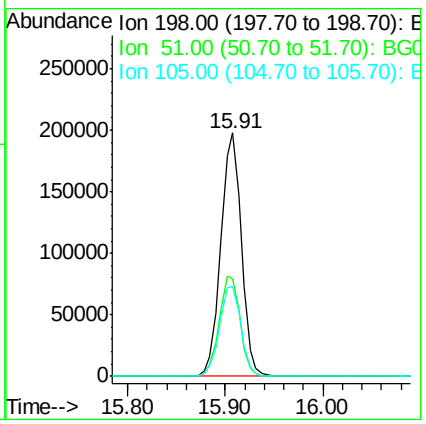


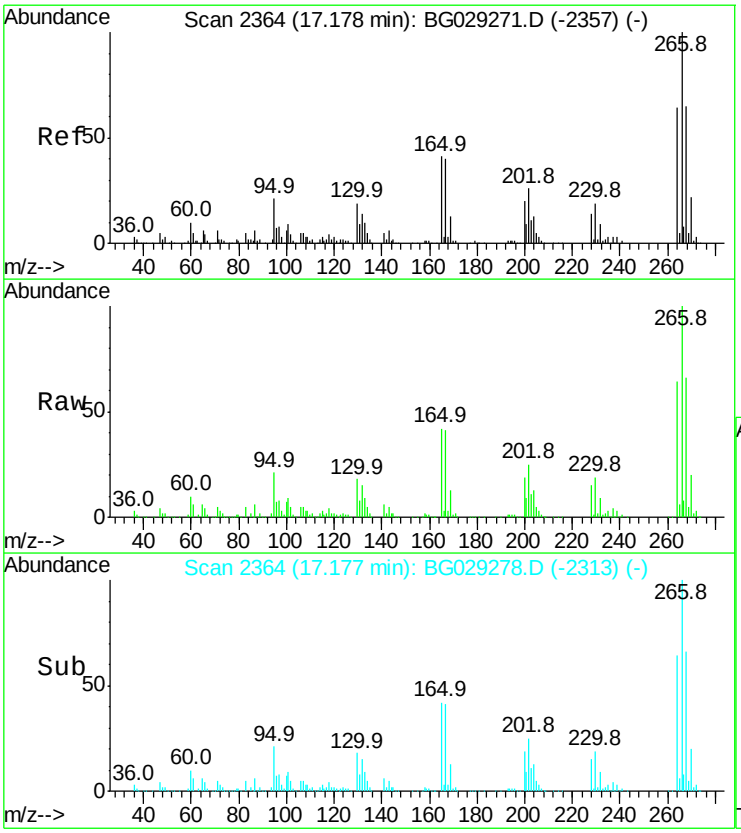
#64
4,6-Dinitro-2-methylphenol
Concen: 131.442 ng
RT: 15.91 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:198 Resp: 287895

Ion	Ratio	Lower	Upper
198	100		
51	40.3	30.6	70.6
105	36.9	23.8	63.8

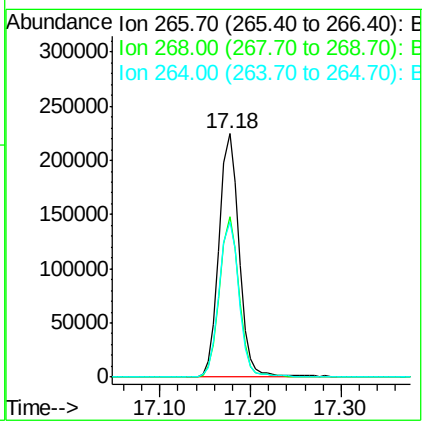


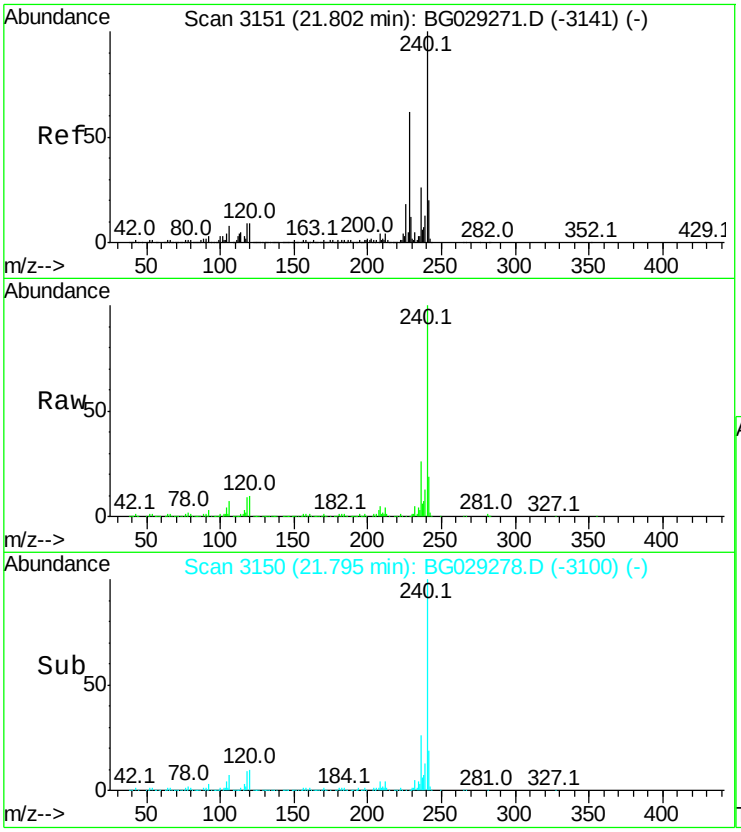


#69
Pentachlorophenol
Concen: 129.030 ng
RT: 17.18 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:266 Resp: 345566

Ion	Ratio	Lower	Upper
266	100		
268	65.9	51.1	76.7
264	64.0	49.6	74.4



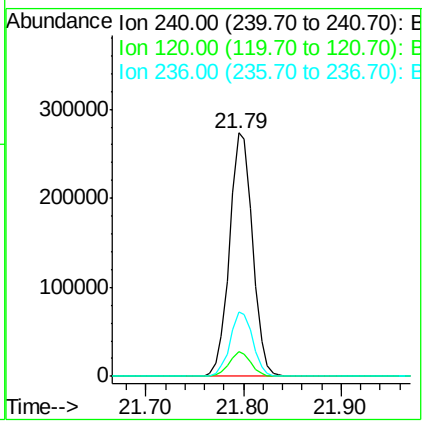


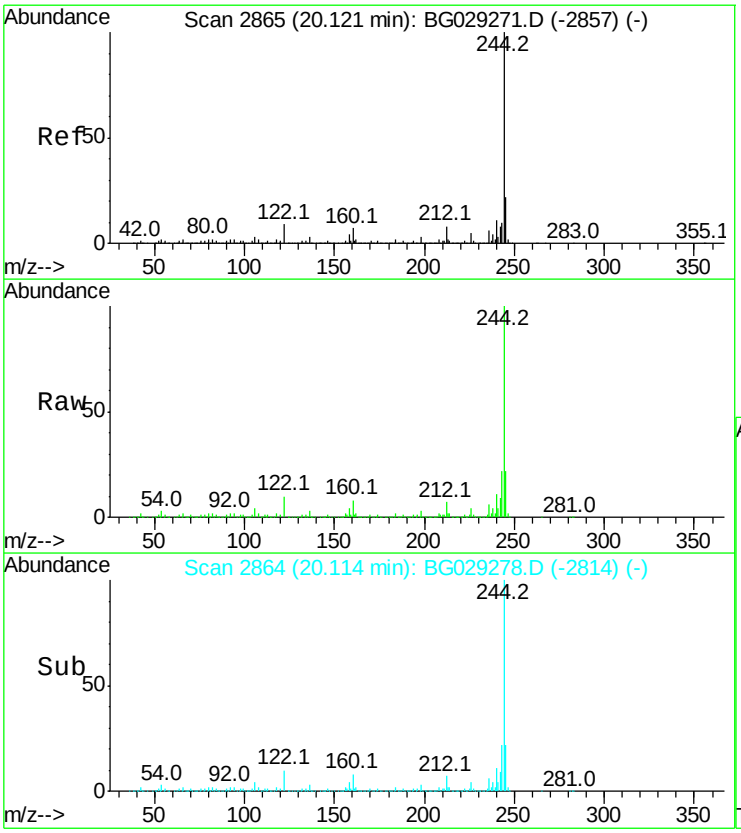
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:240 Resp: 445860

Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.8	10.2
236	26.4	20.9	31.3

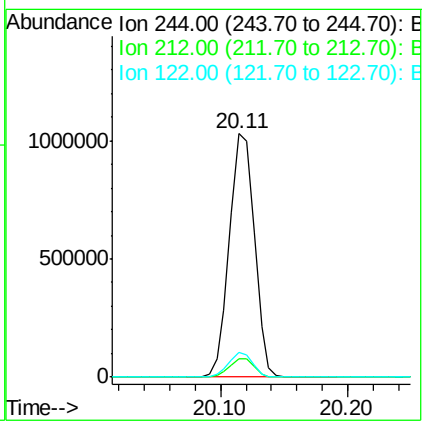


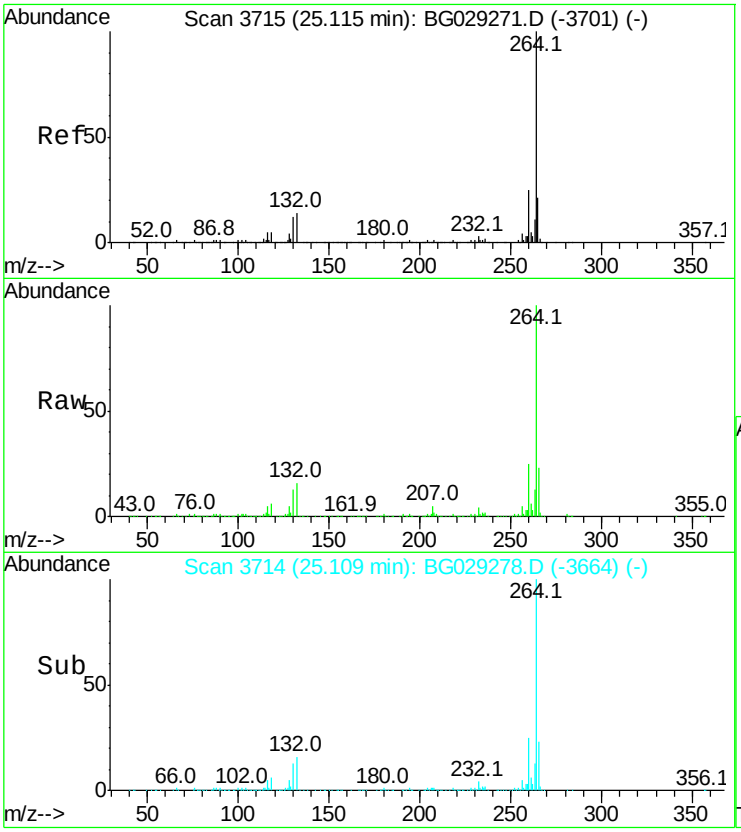


#78
Terphenyl-d14
Concen: 71.587 ng
RT: 20.11 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Tgt Ion:244 Resp: 1403017

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG029278.D
Acq: 16 Oct 2017 18:03

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WP

Tgt Ion:264 Resp: 456027

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	22.9	17.7	26.5