Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026332.D
Acq On : 20 Mar 2017 18:27
Operator : SJ/MA
Sample : I2194-06DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PT-ACIDS-WPDL

Quant Time: Mar 21 04:50:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	119340	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	493901	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	276426	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	660888	20.00	ng		0.00
75) Chrysene-d12	21.63	240	837247	20.00	ng		0.00
86) Perylene-d12	24.81	264	825167	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	204645	30.44	ng		0.00
7) Phenol-d6	7.21	99	276892	30.67	ng		0.00
23) Nitrobenzene-d5	9.20	82	149395	18.19	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	99158	31.32	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	412327	20.92	ng		0.00
78) Terphenyl-d14	19.98	244	634765	18.41	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	7.61	128	259170	34.23	ng		83
10) Phenol	7.23	94	271705	28.21	ng	#	70
17) 2-Methylphenol	8.49	107	211266	30.88	ng	#	81
20) 3+4-Methylphenols	8.80	107	192211	20.41	ng	#	75
26) 2-Nitrophenol	9.96	139	157470	37.31	ng	#	64
27) 2,4-Dimethylphenol	10.01	122	196062	28.30	ng		86
29) 2,4-Dichlorophenol	10.50	162	198707	28.36	ng		95
32) Benzoic acid	10.11	122	88579	16.62	ng	#	74
36) 4-Chloro-3-methylphenol	12.12	107	55025	7.34	ng	#	79
42) 2,4,6-Trichlorophenol	13.09	196	183140	33.63	ng		95
43) 2,4,5-Trichlorophenol	13.16	196	237193	39.41	ng		94
53) 2,4-Dinitrophenol	14.76	184	85386	30.23	ng	#	81
55) 4-Nitrophenol	14.86	139	148792	33.89	ng	#	42
64) 4,6-Dinitro-2-methylphenol	15.77	198	113902	27.34	ng		83

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032017\
Data File : BG026332.D
Acq On : 20 Mar 2017 18:27
Operator : SJ/MA
Sample : I2194-06DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Quant Time: Mar 21 04:50:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
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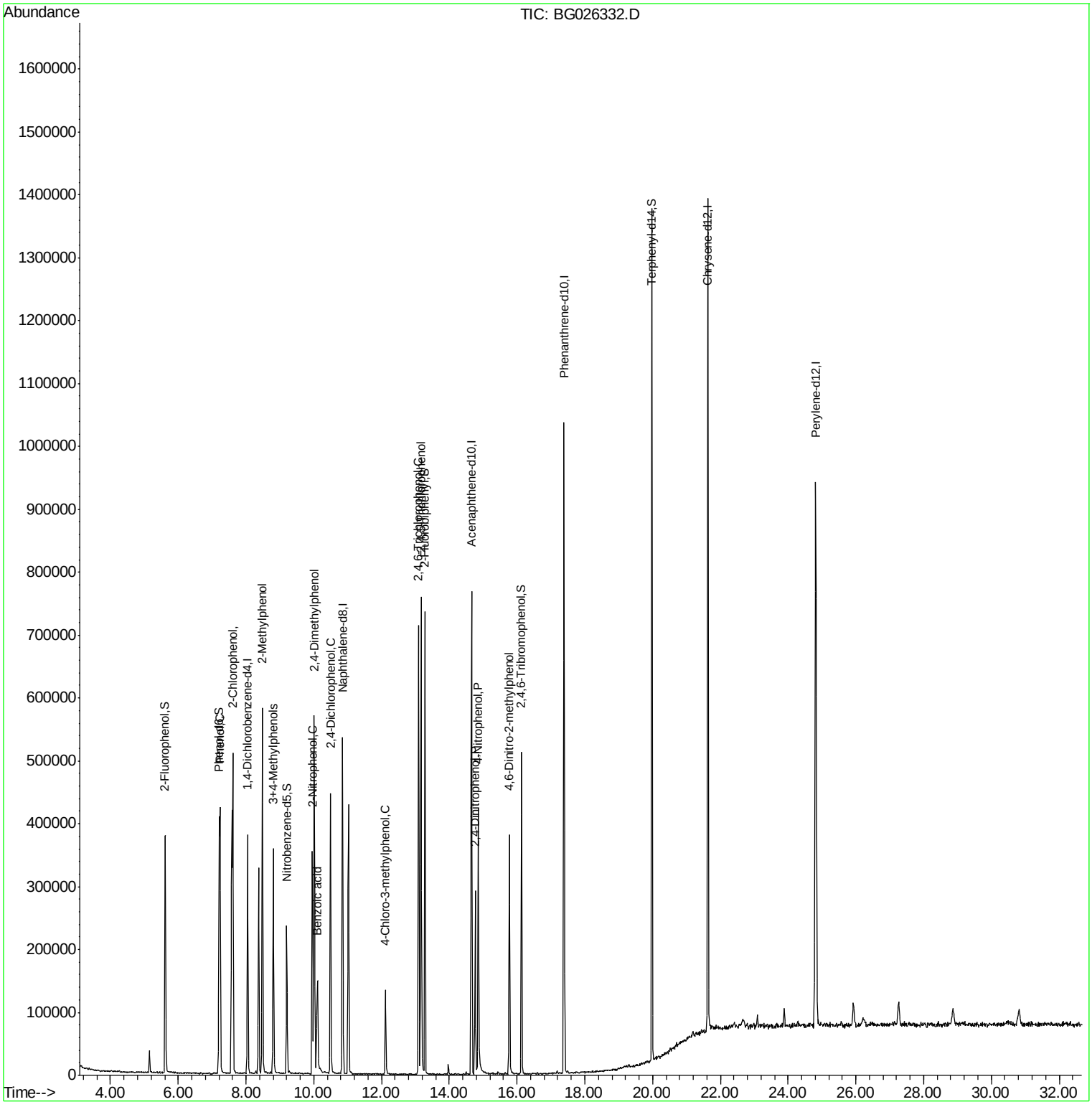
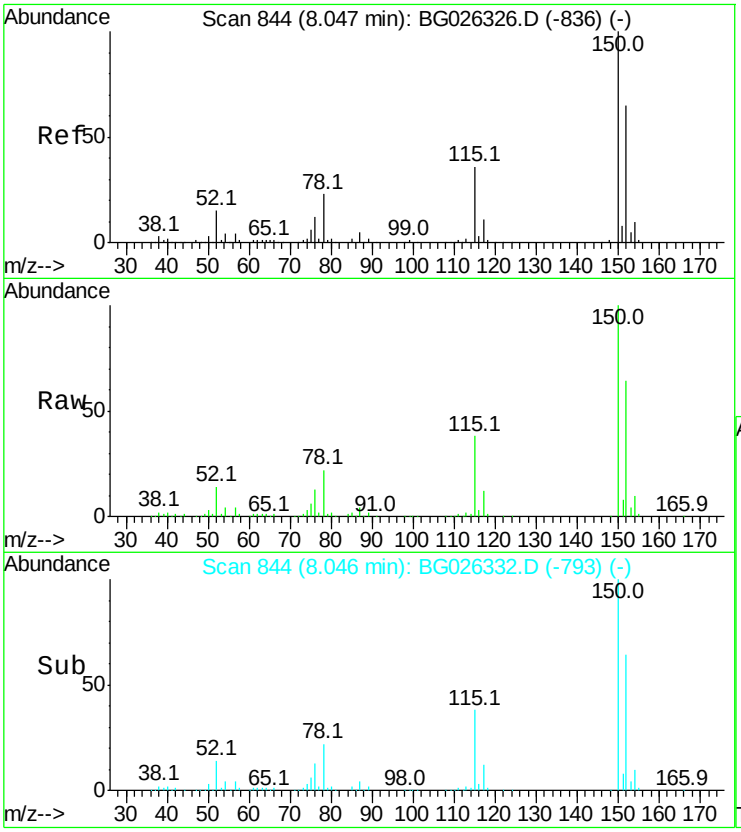


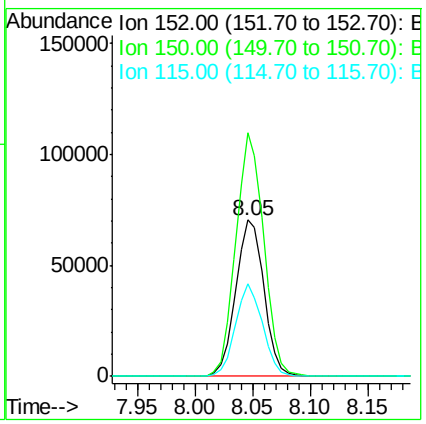


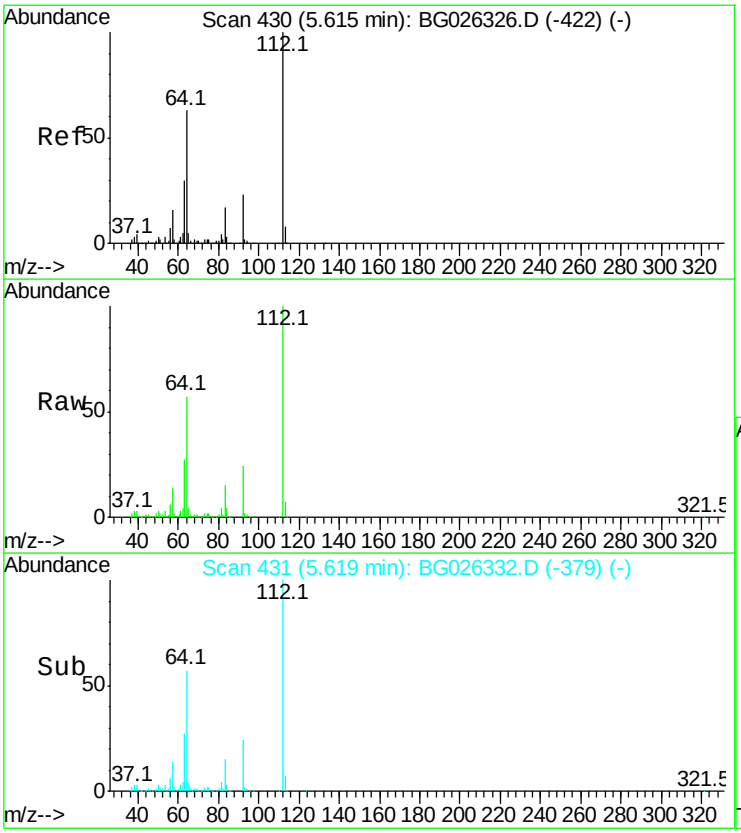
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:152 Resp: 119340

Ion	Ratio	Lower	Upper
152	100		
150	155.6	114.0	171.0
115	58.9	48.1	72.1

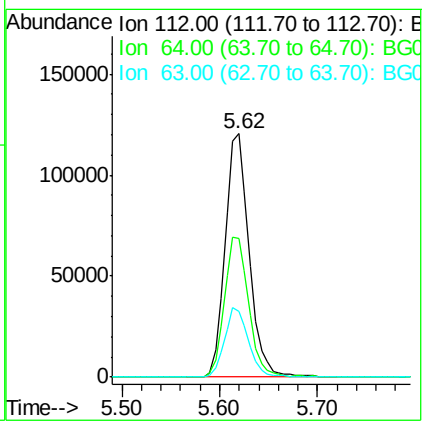


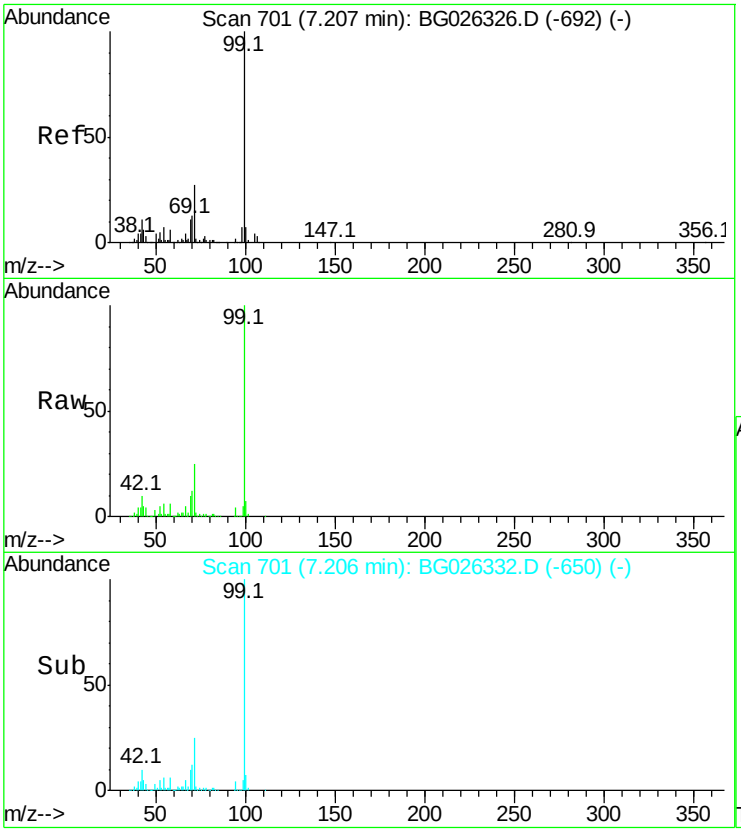


#5
2-Fluorophenol
Concen: 30.44 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:112 Resp: 204645

Ion	Ratio	Lower	Upper
112	100		
64	56.9	61.8	92.6#
63	27.0	37.2	55.8#



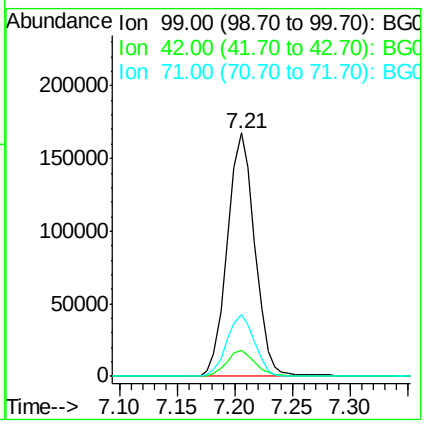


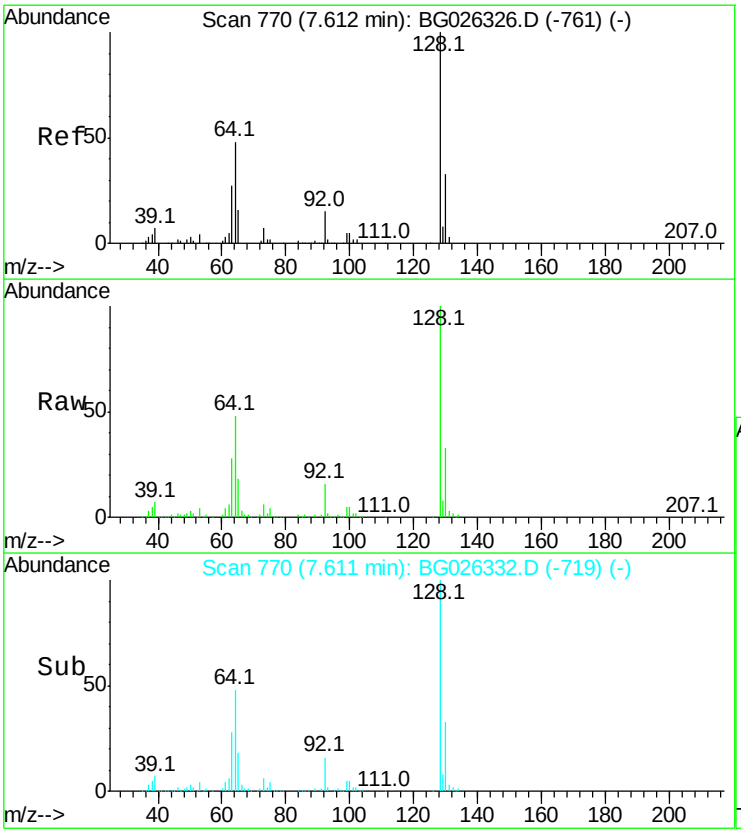
#7
Phenol-d6
Concen: 30.67 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 99 Resp: 276892

Ion	Ratio	Lower	Upper
99	100		
42	10.5	20.5	30.7#
71	25.5	37.6	56.4#

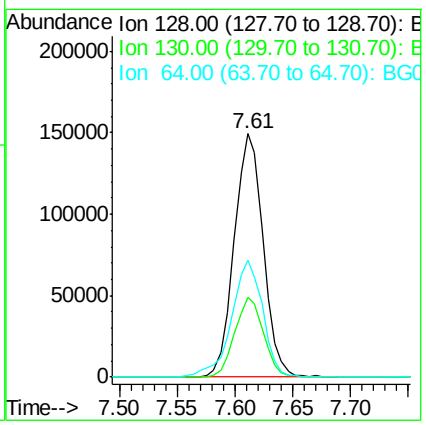


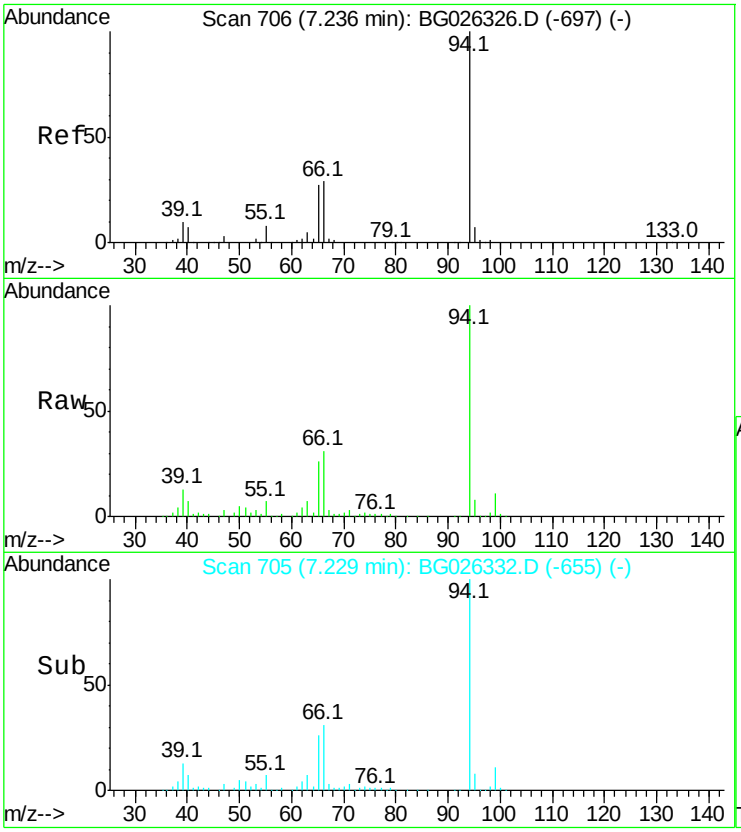


#8
2-Chlorophenol
Concen: 34.23 ng
RT: 7.61 min Scan# 770
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:128 Resp: 259170

Ion	Ratio	Lower	Upper
128	100		
130	32.9	11.4	51.4
64	48.2	46.6	86.6



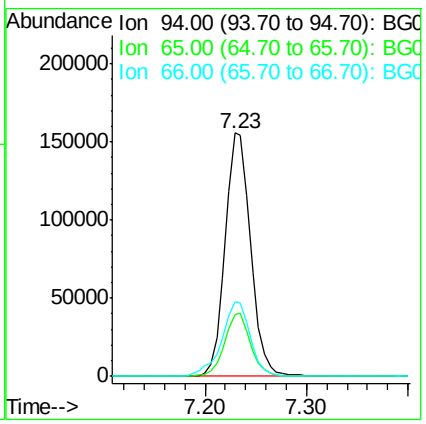


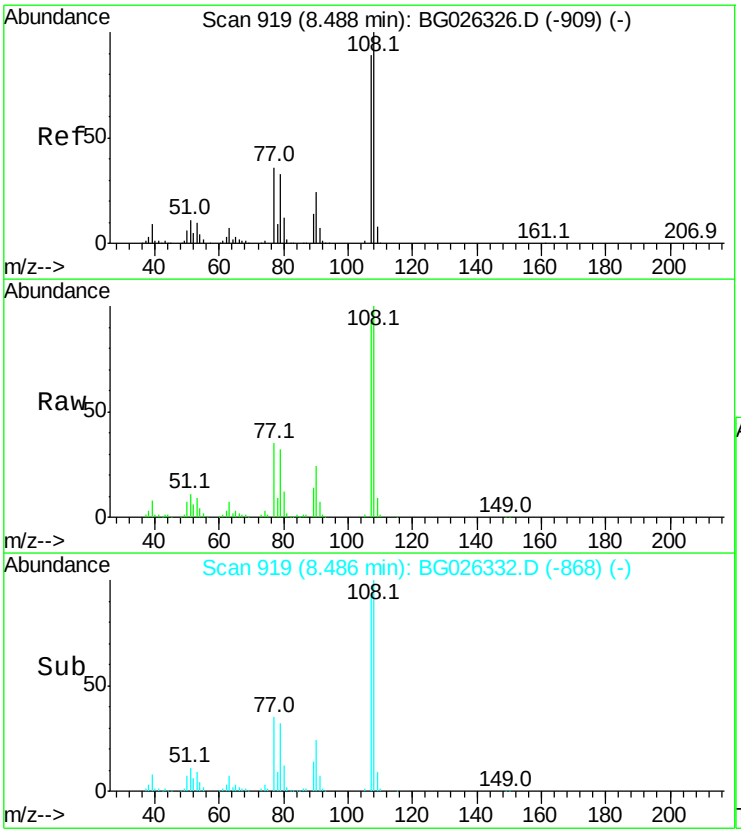
#10
Phenol
Concen: 28.21 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.01 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 94 Resp: 271705

Ion	Ratio	Lower	Upper
94	100		
65	25.6	20.6	60.6
66	30.5	35.5	75.5#

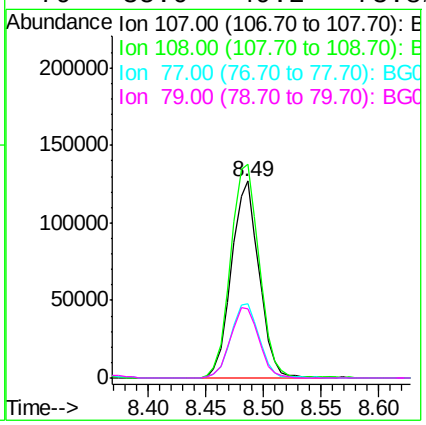


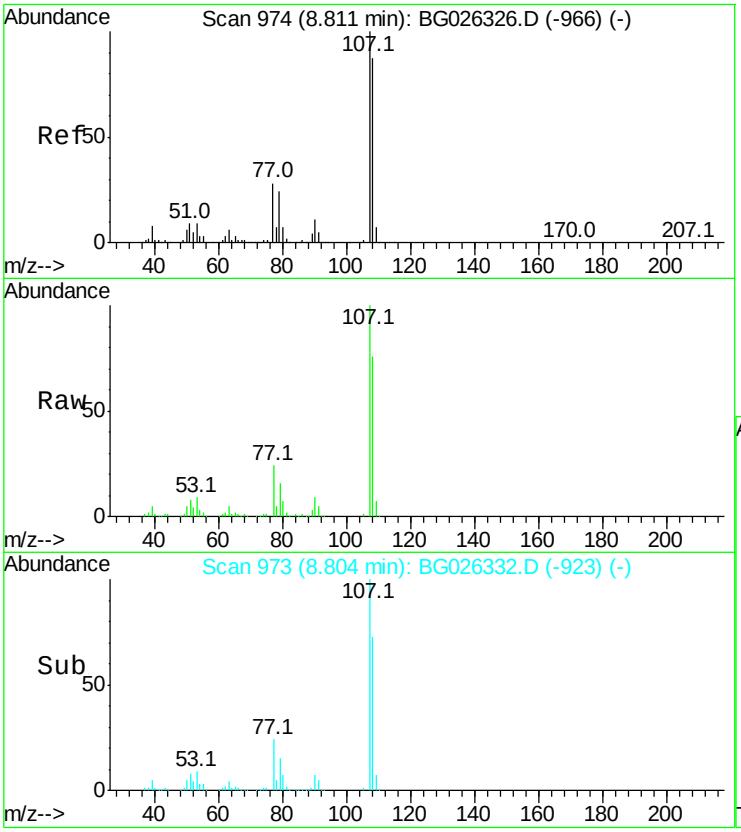


#17
2-Methylphenol
Concen: 30.88 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:107 Resp: 211266

Ion	Ratio	Lower	Upper
107	100		
108	108.5	85.6	128.4
77	37.9	51.4	77.2#
79	35.0	49.2	73.8#



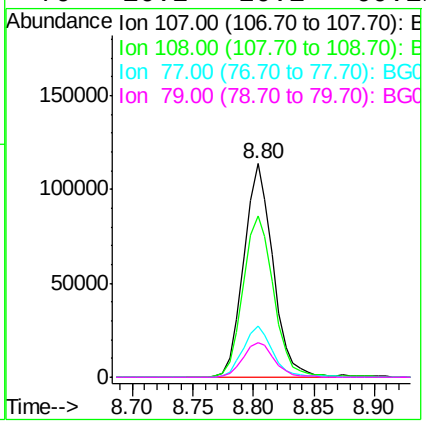


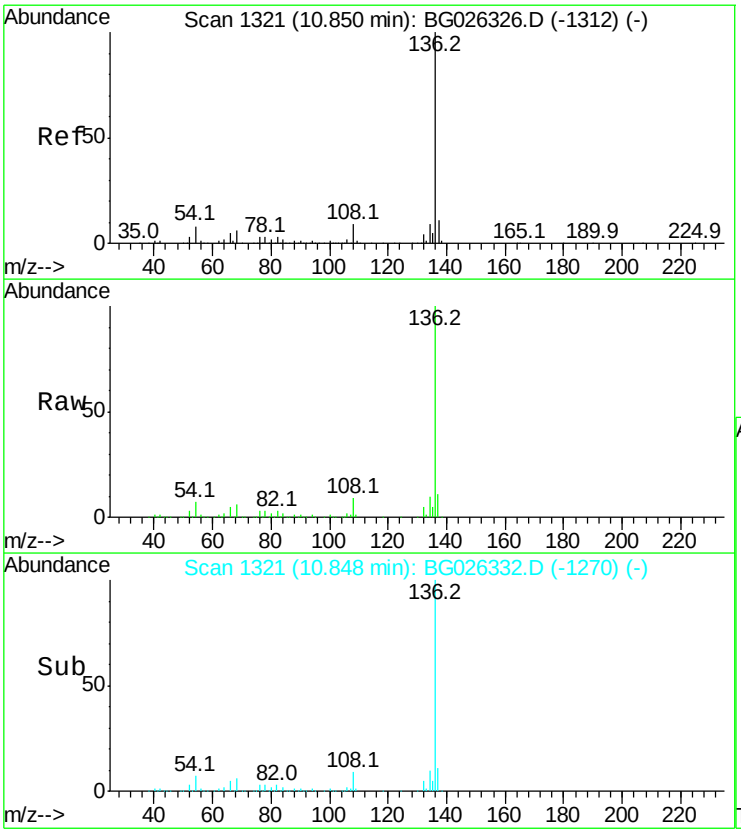
#20
3+4-Methylphenols
Concen: 20.41 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:107 Resp: 192211

Ion	Ratio	Lower	Upper
107	100		
108	75.8	70.8	110.8
77	24.0	25.8	65.8#
79	16.2	20.1	60.1#

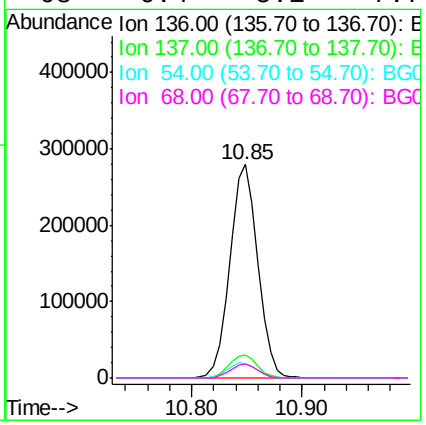


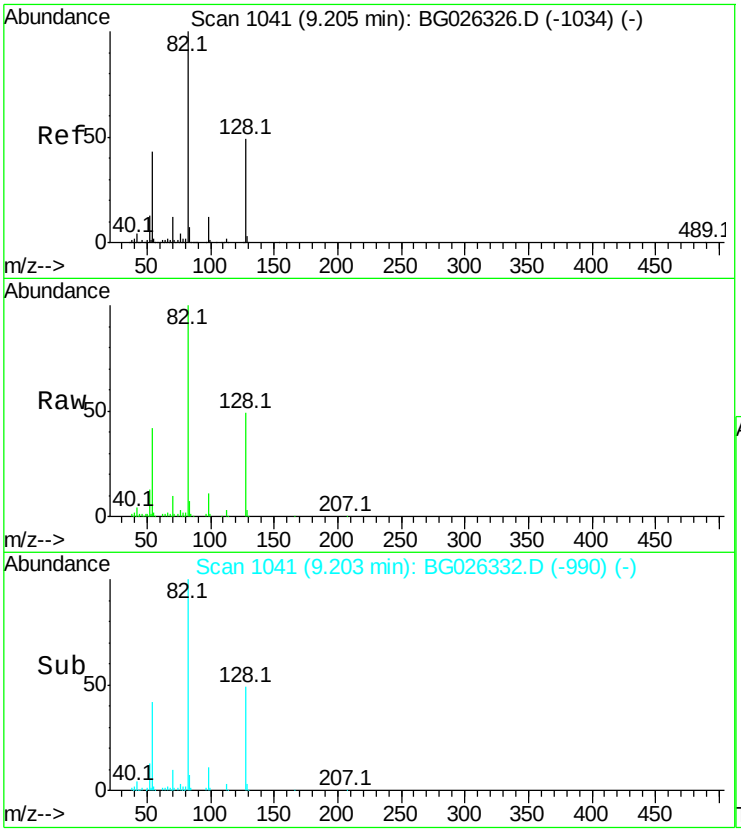


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:136 Resp: 493901

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.9	9.3	13.9#
68	6.4	5.1	7.7



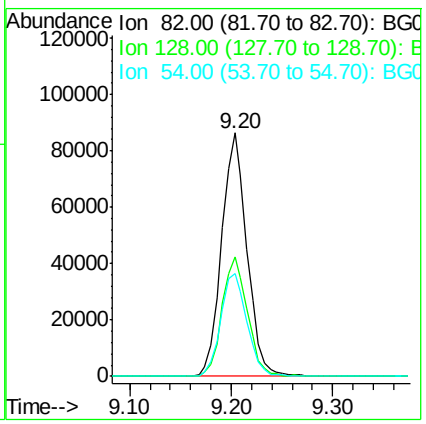


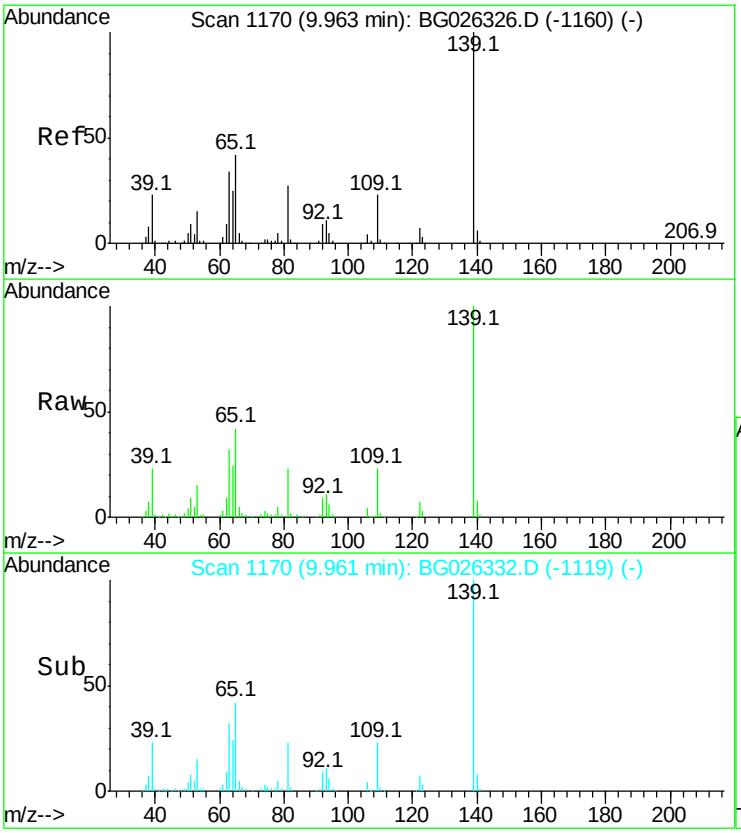
#23
Nitrobenzene-d5
Concen: 18.19 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion: 82 Resp: 149395

Ion	Ratio	Lower	Upper
82	100		
128	48.8	26.4	39.6#
54	42.4	49.4	74.2#

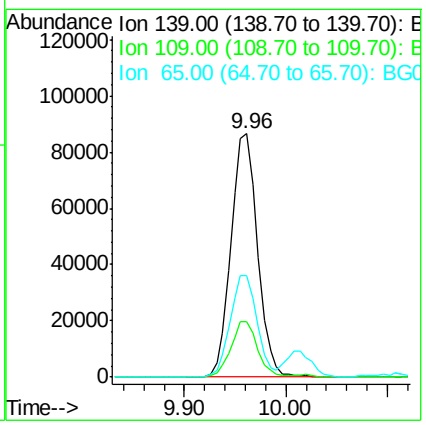


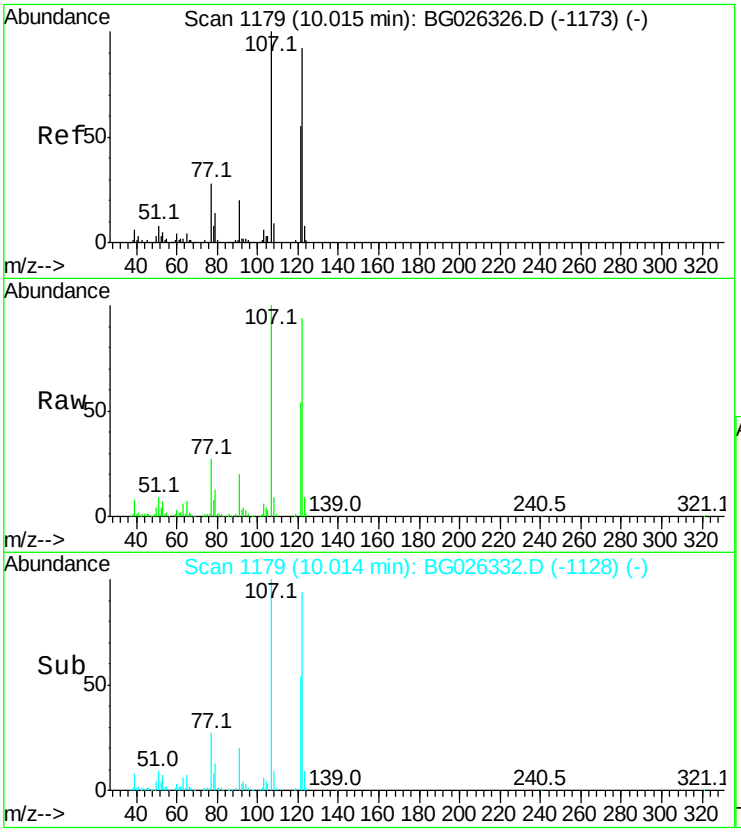


#26
2-Nitrophenol
Concen: 37.31 ng
RT: 9.96 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:139 Resp: 157470

Ion	Ratio	Lower	Upper
139	100		
109	22.7	38.6	58.0#
65	41.9	57.1	85.7#



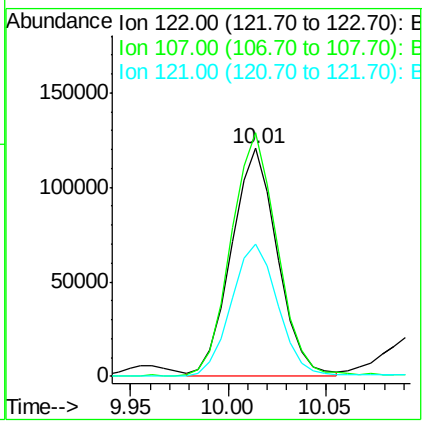


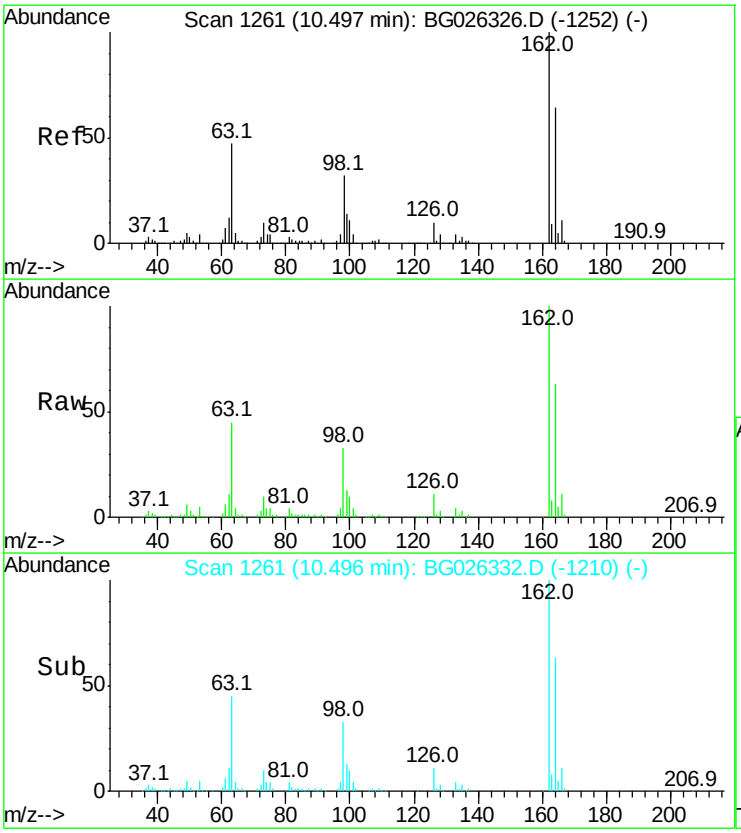
#27
2,4-Dimethylphenol
Concen: 28.30 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:122 Resp: 196062

Ion	Ratio	Lower	Upper
122	100		
107	106.8	104.2	156.4
121	58.2	46.0	69.0

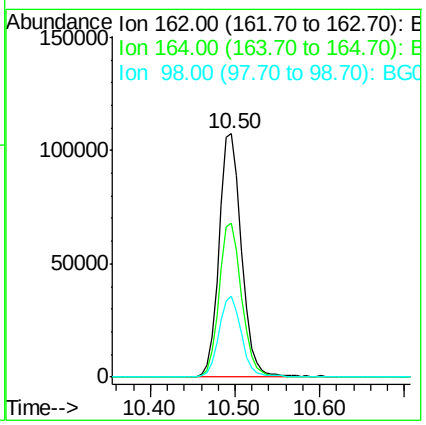


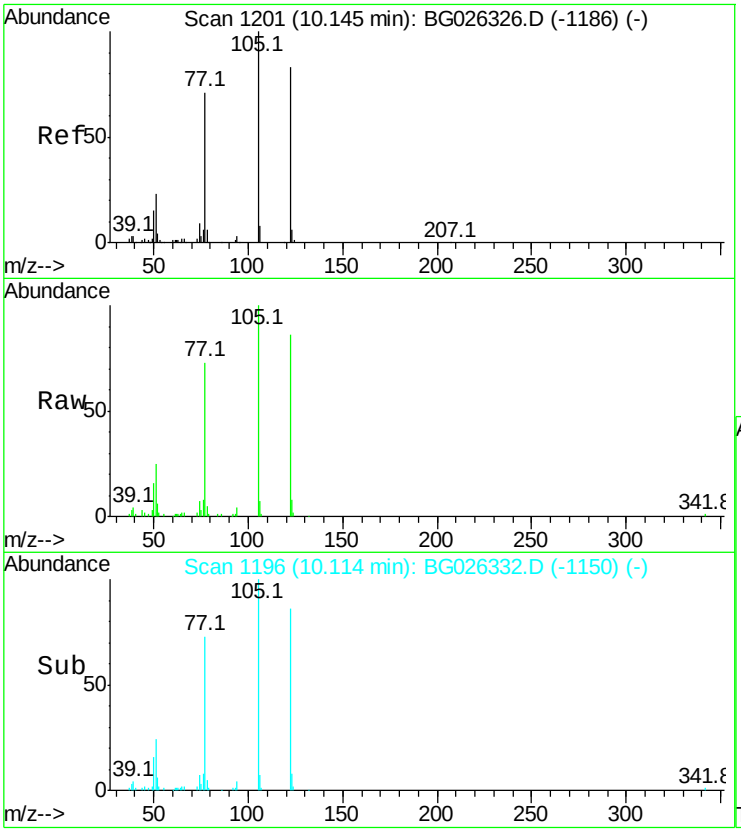


#29
2,4-Dichlorophenol
Concen: 28.36 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:162 Resp: 198707

Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.4	82.4
98	33.1	20.3	60.3



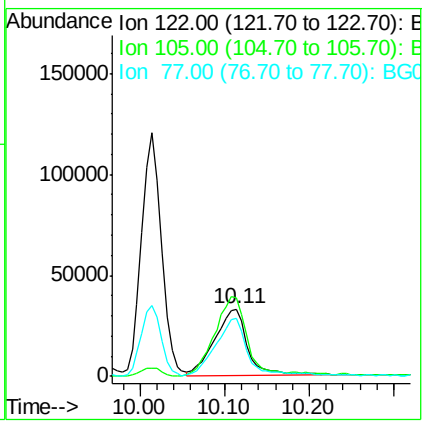


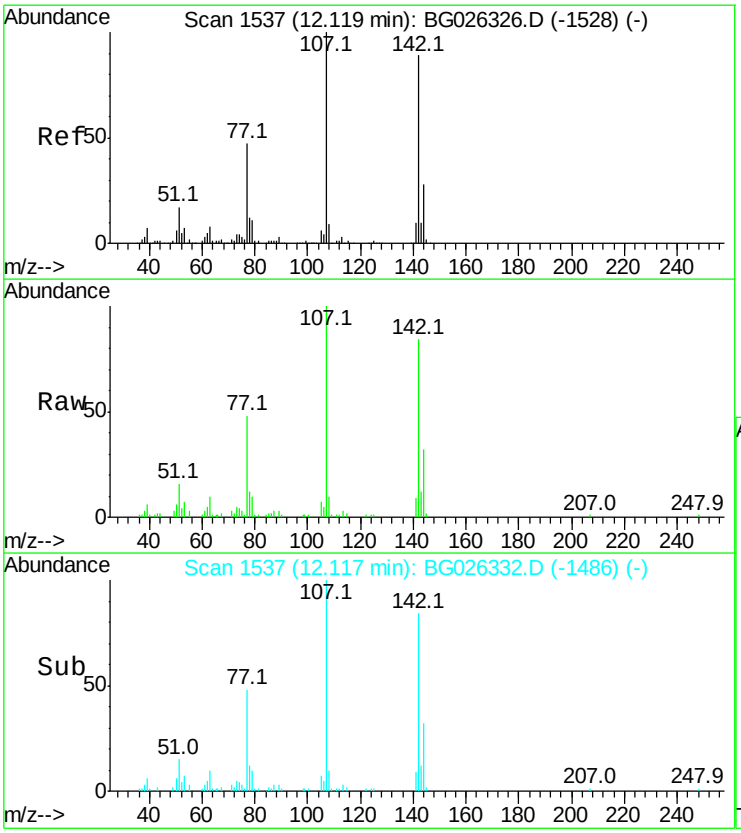
#32
Benzoic acid
Concen: 16.62 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.03 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:122 Resp: 88579

Ion	Ratio	Lower	Upper
122	100		
105	116.9	120.1	160.1#
77	85.4	104.6	144.6#

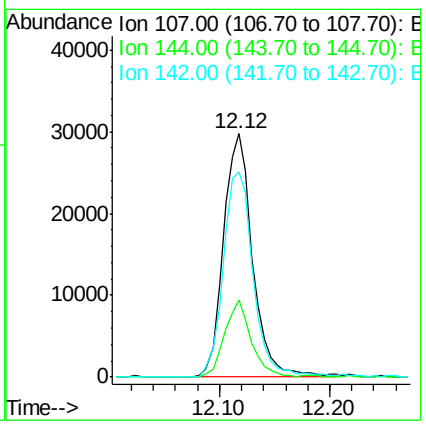


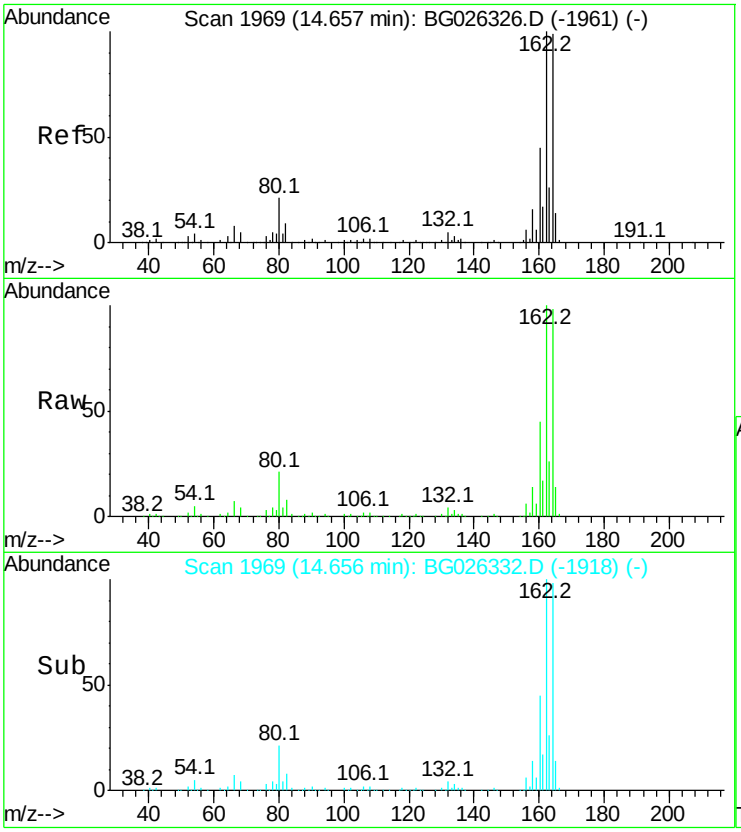


#36
4-Chloro-3-methylphenol
Concen: 7.34 ng
RT: 12.12 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:107 Resp: 55025

Ion	Ratio	Lower	Upper
107	100		
144	31.7	17.4	26.0#
142	84.2	54.1	81.1#



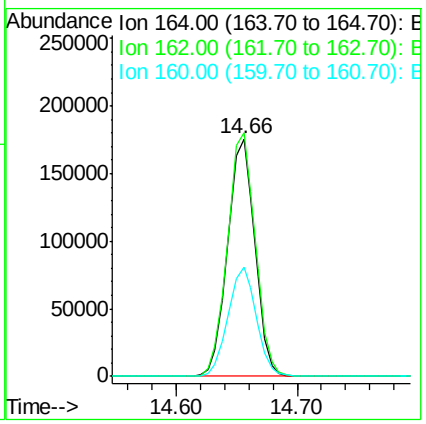


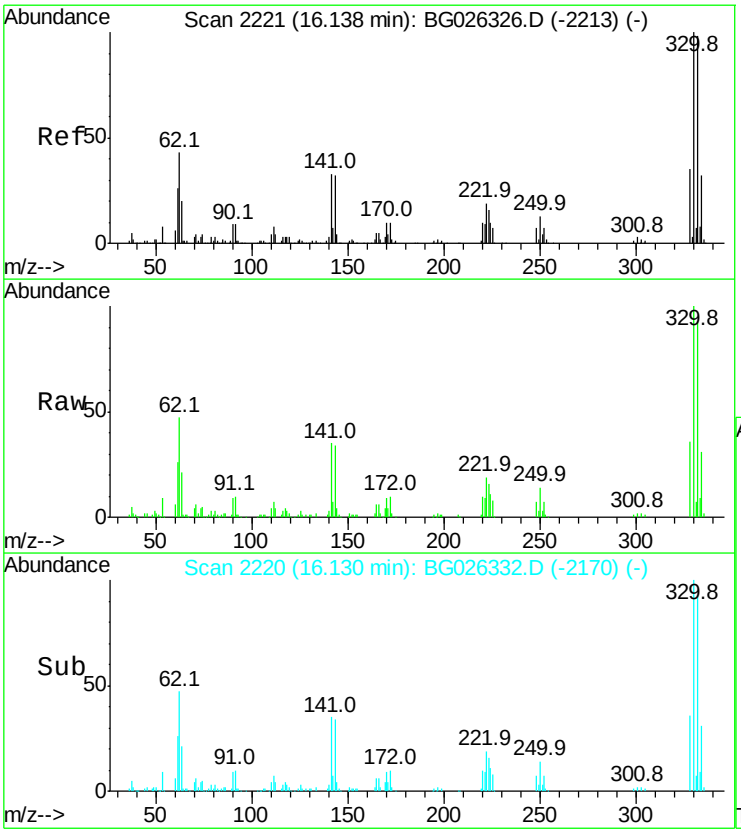
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:164 Resp: 276426

Ion	Ratio	Lower	Upper
164	100		
162	102.4	85.1	127.7
160	45.8	34.7	52.1

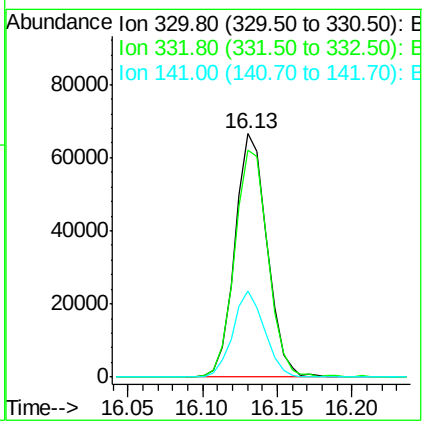


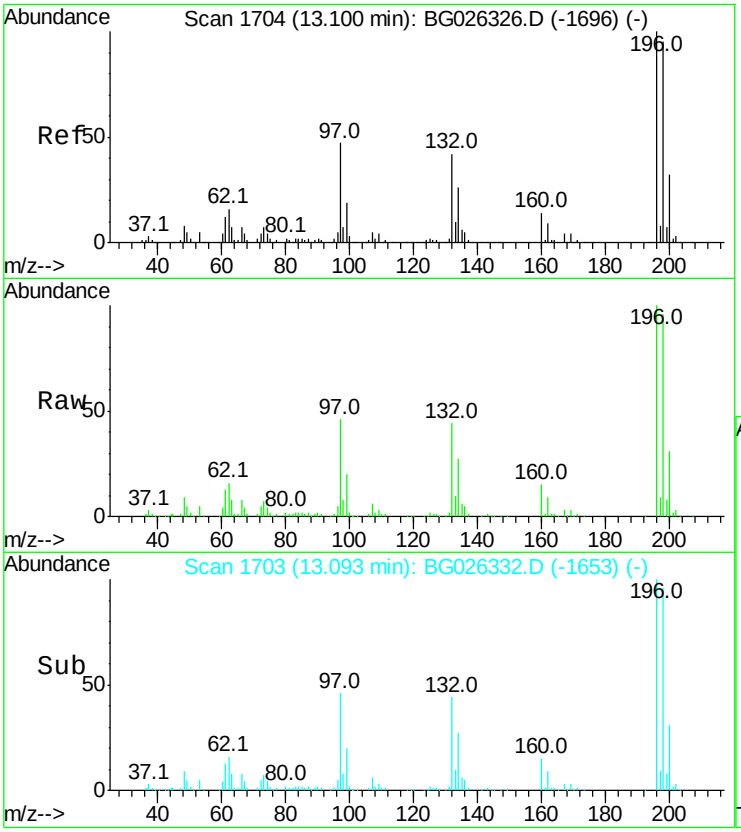


#41
2,4,6-Tribromophenol
Concen: 31.32 ng
RT: 16.13 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:330 Resp: 99158

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	34.9	32.1	48.1



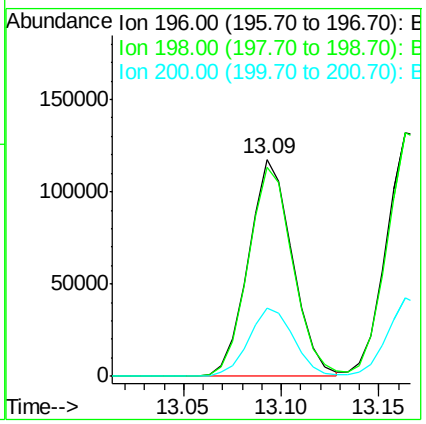


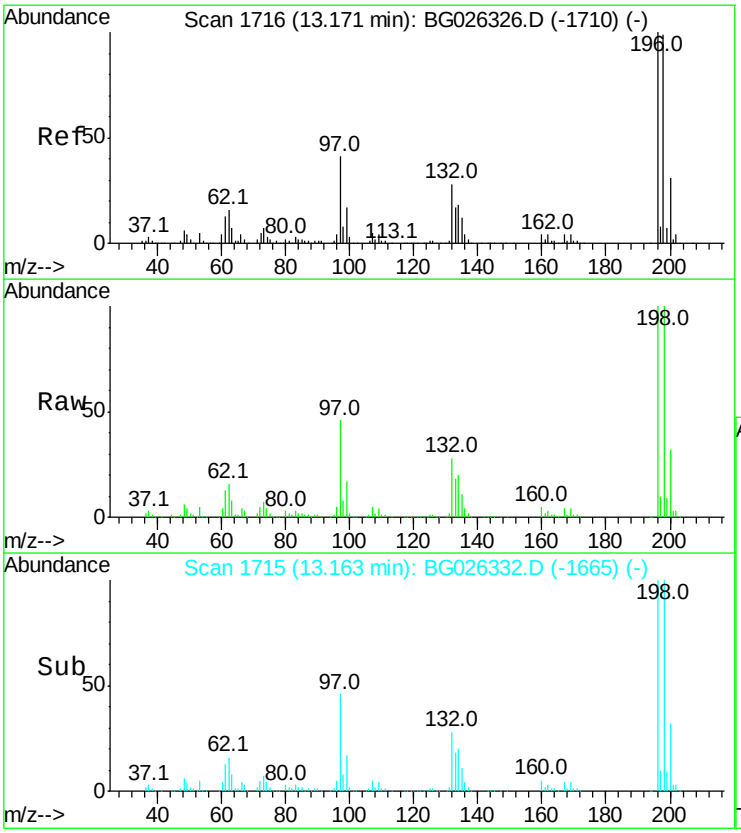
#42
2,4,6-Trichlorophenol
Concen: 33.63 ng
RT: 13.09 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:196 Resp: 183140

Ion	Ratio	Lower	Upper
196	100		
198	96.4	81.4	122.2
200	31.4	27.0	40.6

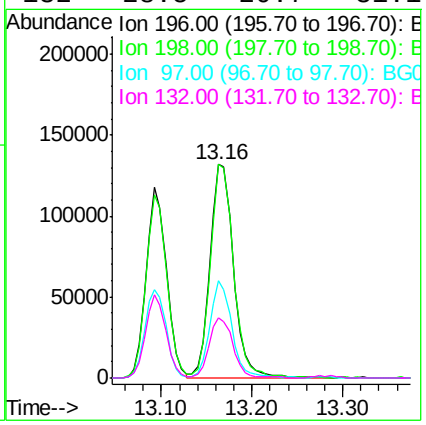


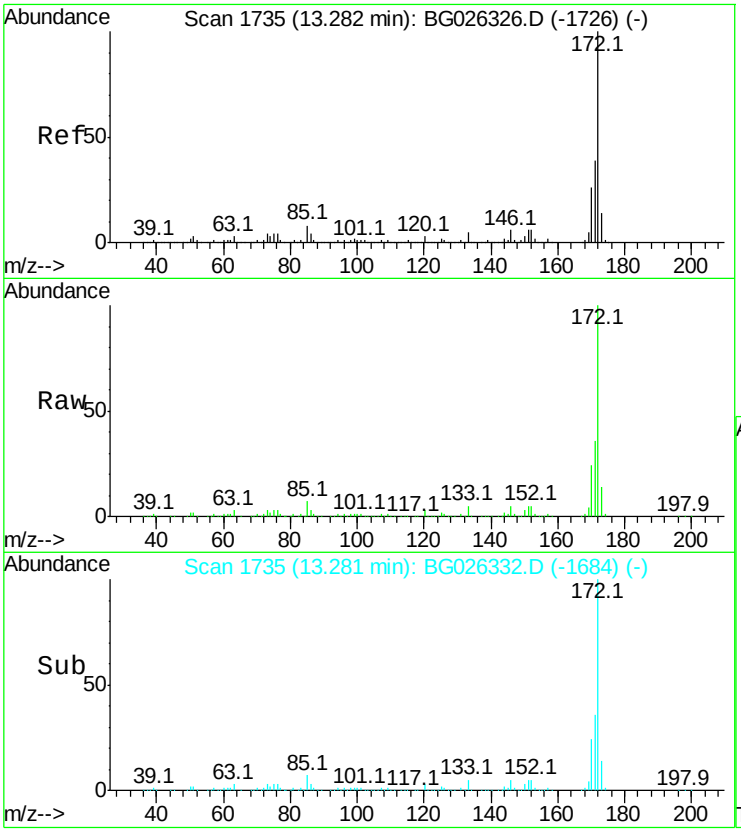


#43
2,4,5-Trichlorophenol
Concen: 39.41 ng
RT: 13.16 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:196 Resp: 237193

Ion	Ratio	Lower	Upper
196	100		
198	100.2	79.9	119.9
97	45.7	45.4	68.0
132	28.5	20.7	31.1



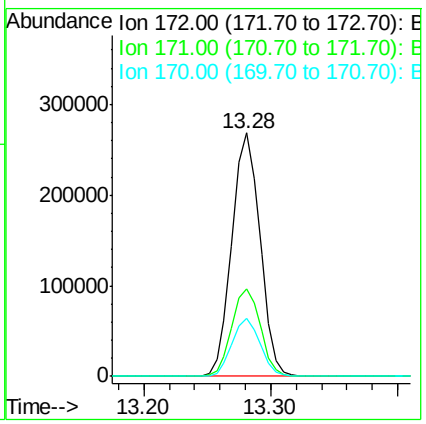


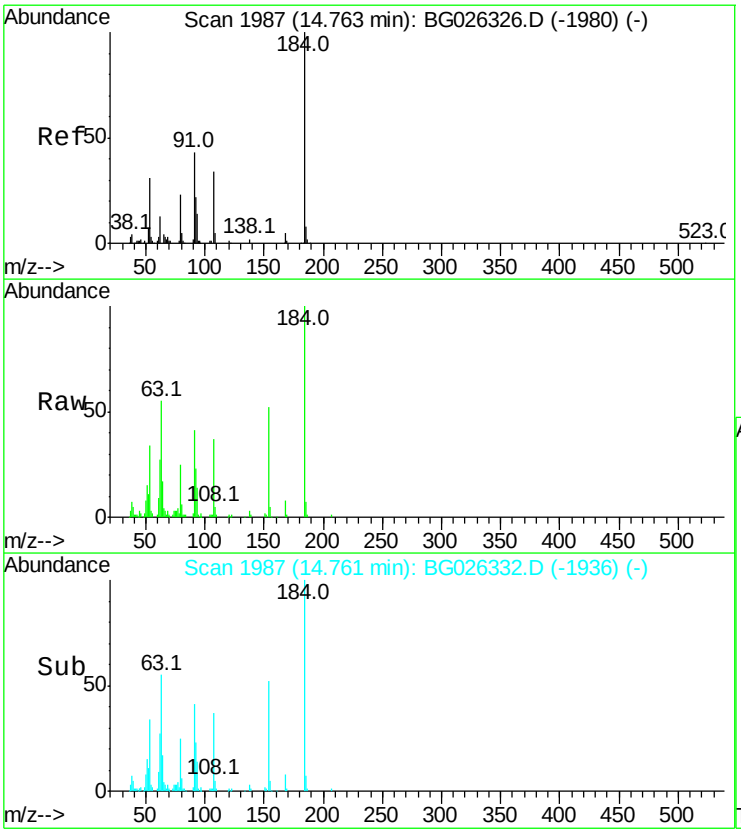
#44
2-Fluorobiphenyl
Concen: 20.92 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:172 Resp: 412327

Ion	Ratio	Lower	Upper
172	100		
171	35.9	32.2	48.2
170	23.7	21.8	32.6

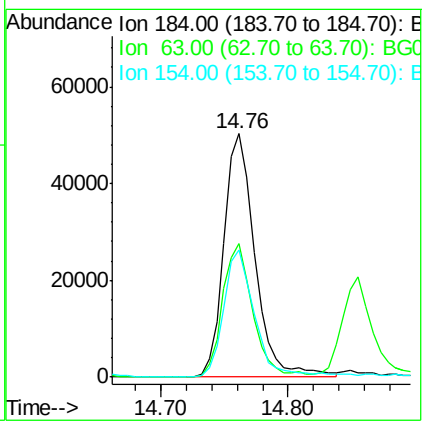


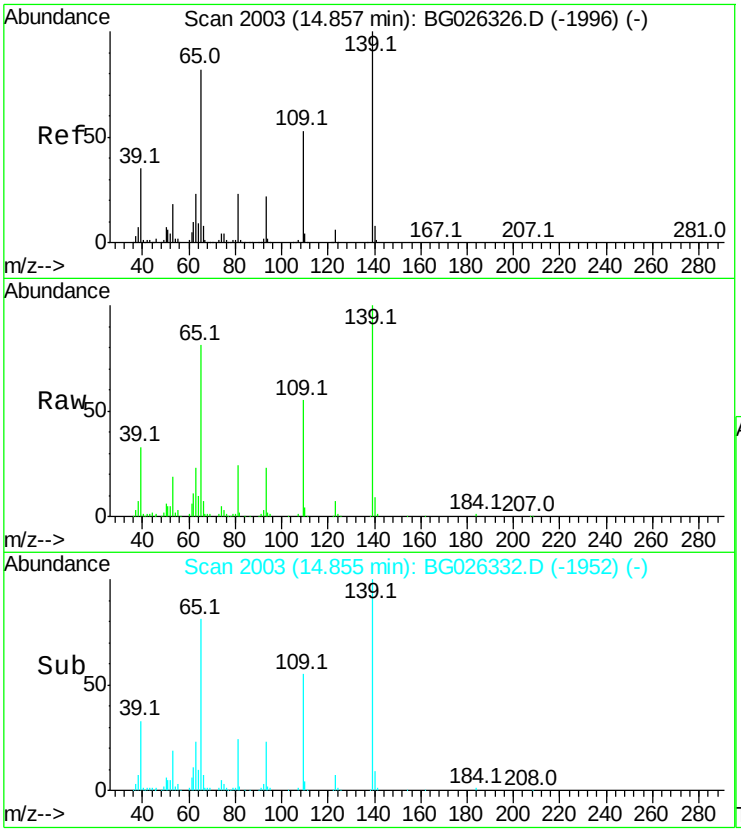


#53
2,4-Dinitrophenol
Concen: 30.23 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:184 Resp: 85386

Ion	Ratio	Lower	Upper
184	100		
63	54.6	52.7	79.1
154	52.3	57.3	85.9#



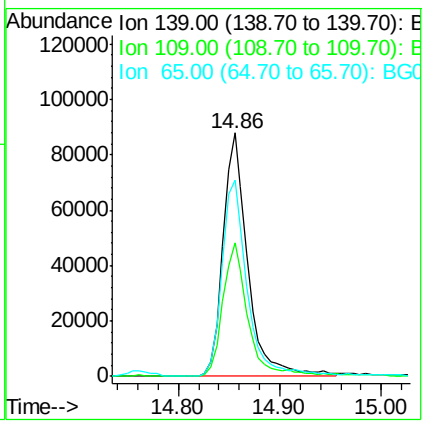


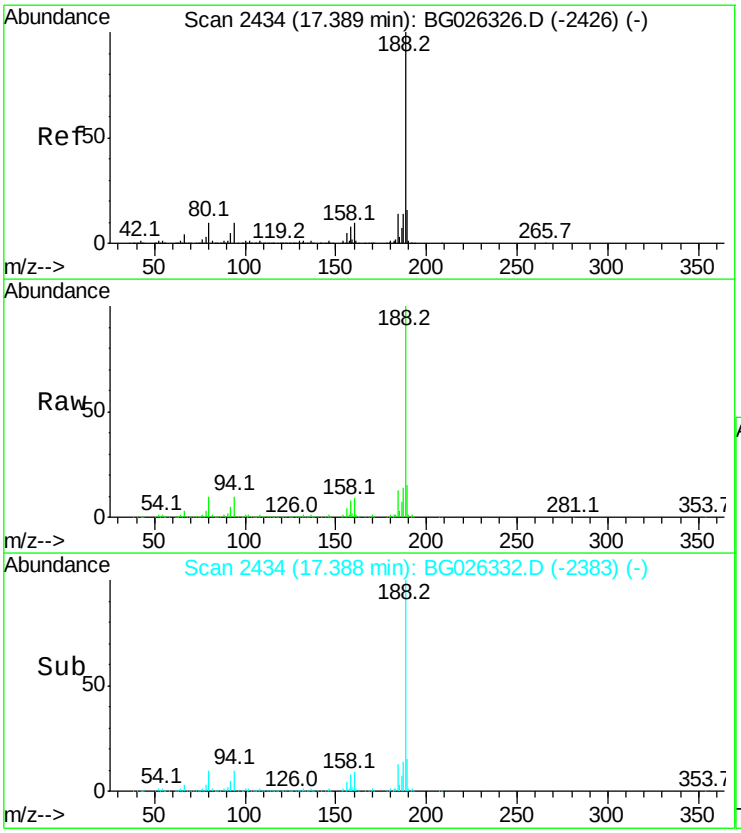
#55
4-Nitrophenol
Concen: 33.89 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:139 Resp: 148792

Ion	Ratio	Lower	Upper
139	100		
109	54.6	101.2	141.2#
65	80.7	135.3	175.3#

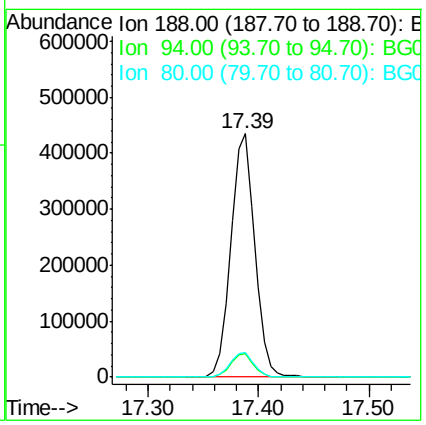


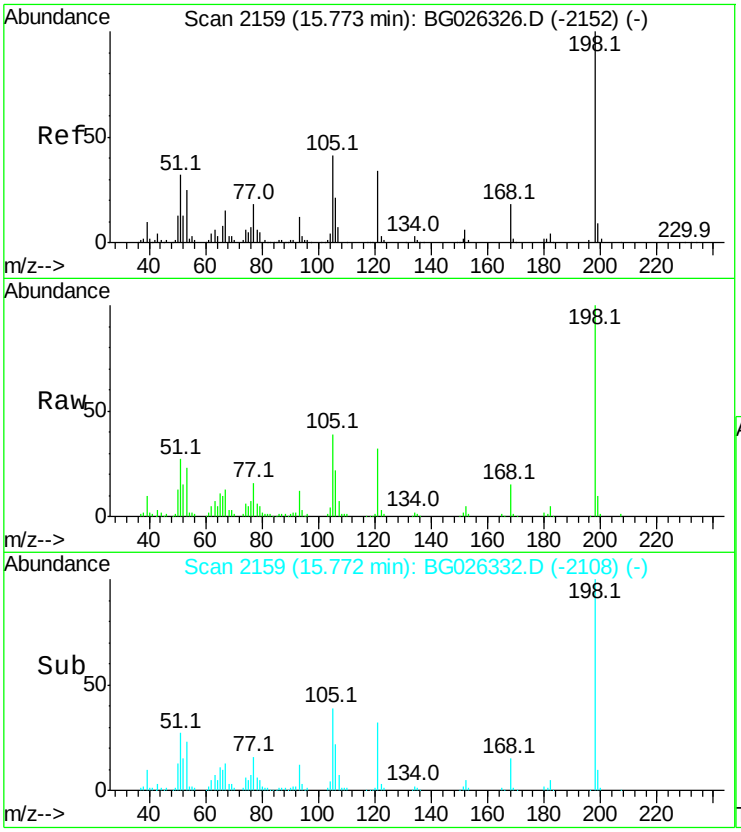


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:188 Resp: 660888

Ion	Ratio	Lower	Upper
188	100		
94	9.7	5.8	8.8#
80	10.0	7.5	11.3



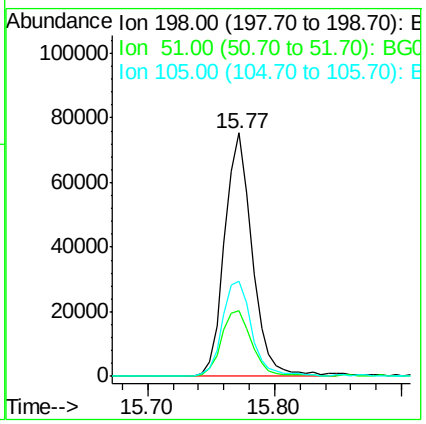


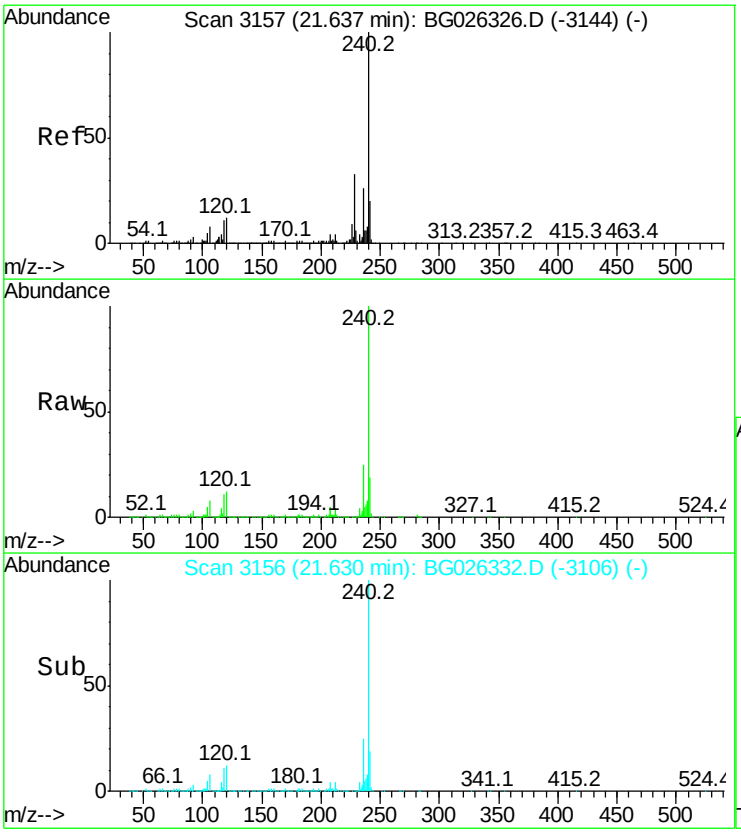
#64
4,6-Dinitro-2-methylphenol
Concen: 27.34 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:198 Resp: 113902

Ion	Ratio	Lower	Upper
198	100		
51	27.2	22.6	62.6
105	39.1	14.4	54.4

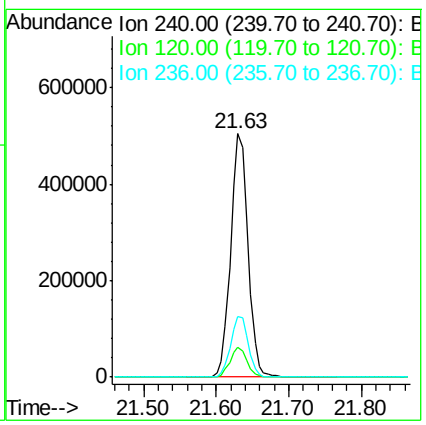


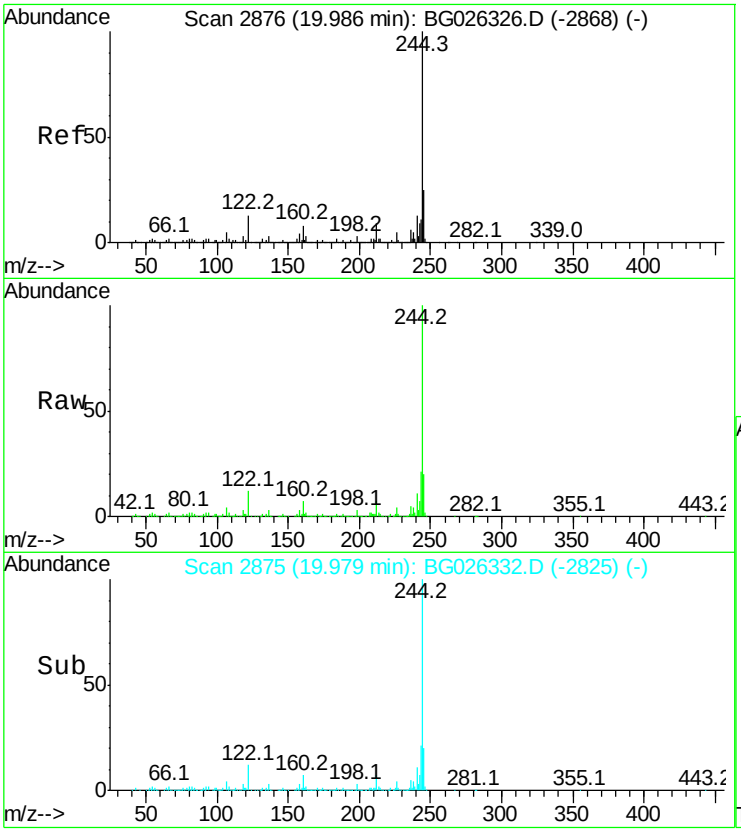


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:240 Resp: 837247

Ion	Ratio	Lower	Upper
240	100		
120	12.2	5.7	8.5#
236	24.8	22.2	33.4



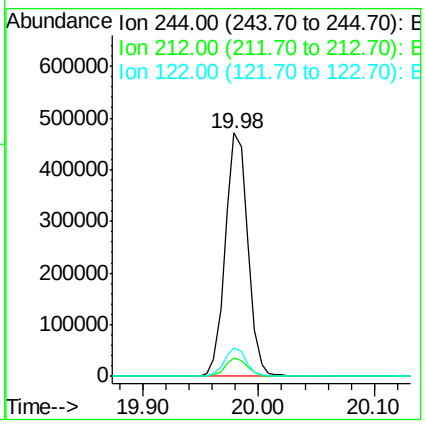


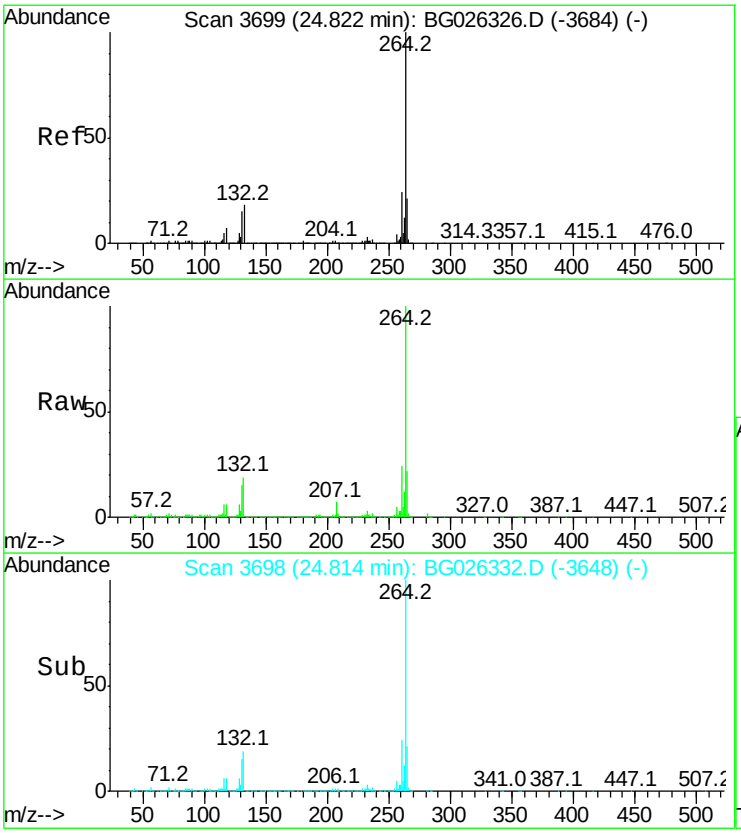
#78
Terphenyl-d14
Concen: 18.41 ng
RT: 19.98 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Instrument :
BNA_G
ClientSampleId :
PT-ACIDS-WPDL

Tgt Ion:244 Resp: 634765

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	11.7	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3698
Delta R.T. -0.01 min
Lab File: BG026332.D
Acq: 20 Mar 2017 18:27

Tgt Ion:264 Resp: 825167

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.5	18.2	27.4