Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030933.D
Acq On : 11 Nov 2017 8:22
Operator : SJ/JU
Sample : I6407-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FM1034

Quant Time: Nov 13 03:40:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	45611	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	204985	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	141645	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	365617	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	440430	20.00	ng	-0.01
86) Perylene-d12	25.08	264	432299	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	185018	69.56	ng	0.00
7) Phenol-d6	7.31	99	149726	41.78	ng	0.00
23) Nitrobenzene-d5	9.31	82	356880	103.17	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	371506	162.13	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1013367	102.80	ng	-0.01
78) Terphenyl-d14	20.09	244	1903866	95.45	ng	0.00
Target Compounds						Qvalue
6) Aniline	7.47	93	29524	6.260	ng	# 89
12) 1,3-Dichlorobenzene	8.03	146	8474	2.461	ng	89
13) 1,4-Dichlorobenzene	8.18	146	39002	11.176	ng	96
14) 1,2-Dichlorobenzene	8.50	146	22531	6.726	ng	94
15) Benzyl Alcohol	8.38	79	7422	2.582	ng	92
20) 3+4-Methylphenols	8.91	107	24804	6.731	ng	96
24) Nitrobenzene	9.35	77	165988	46.973	ng	91
30) 1,2,4-Trichlorobenzene	10.82	180	217148	55.391	ng	97

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

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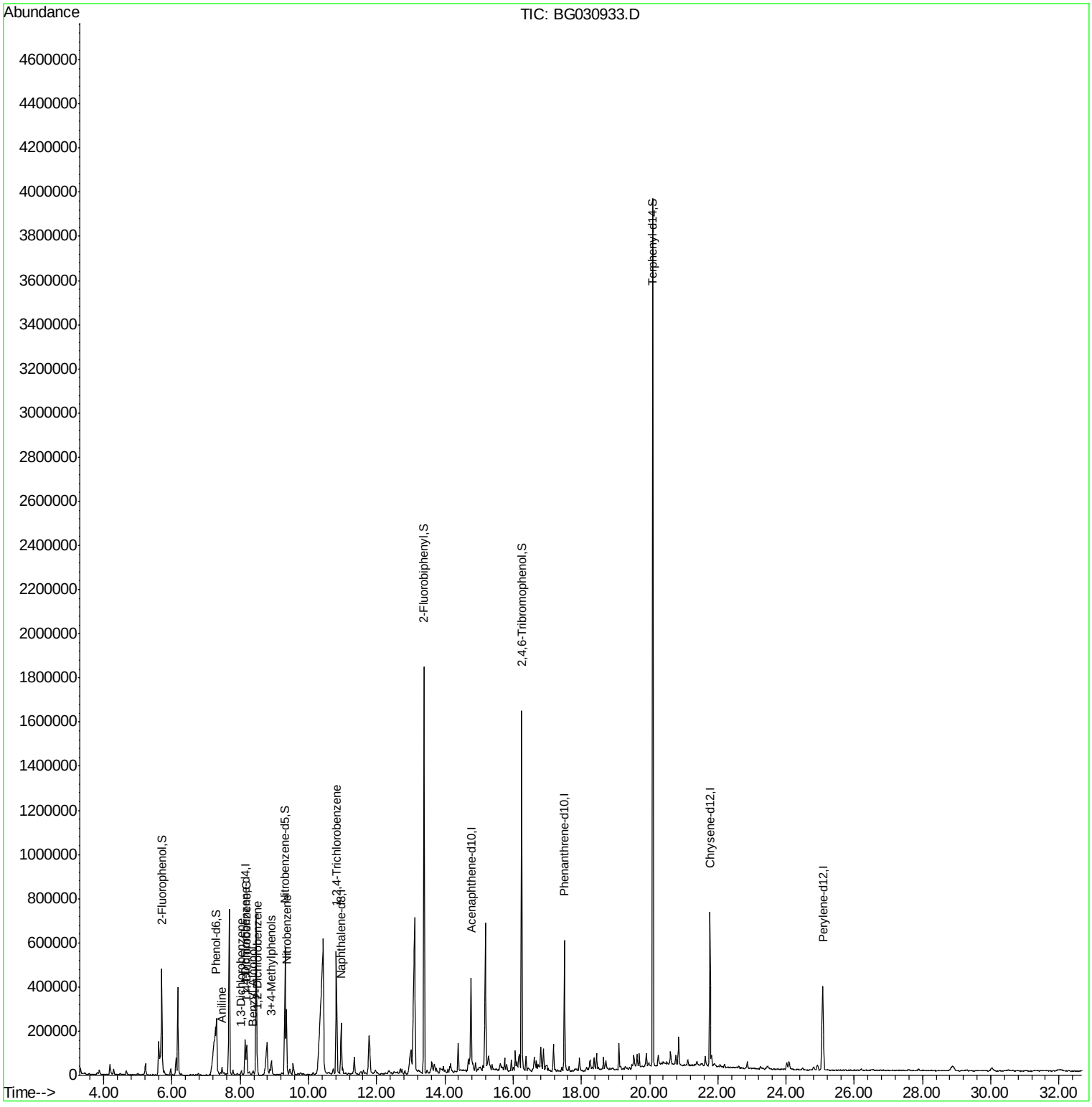
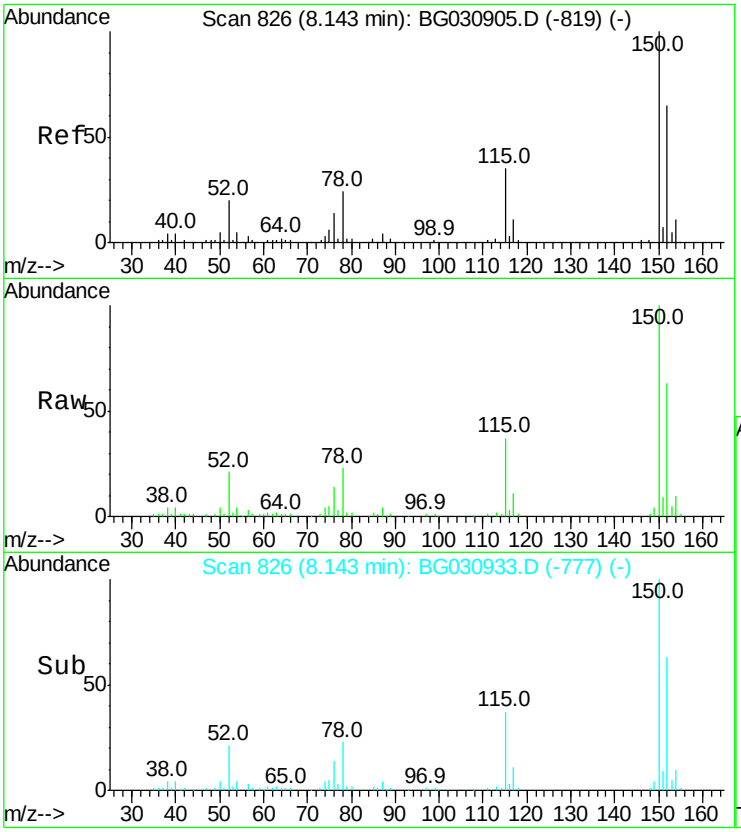


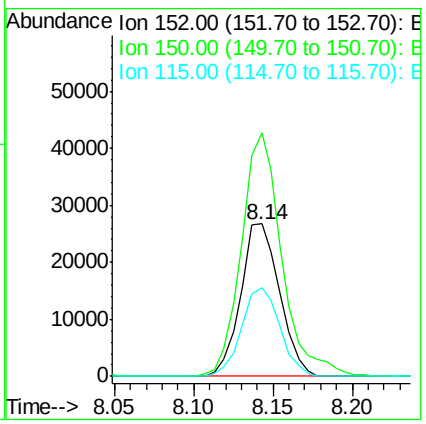


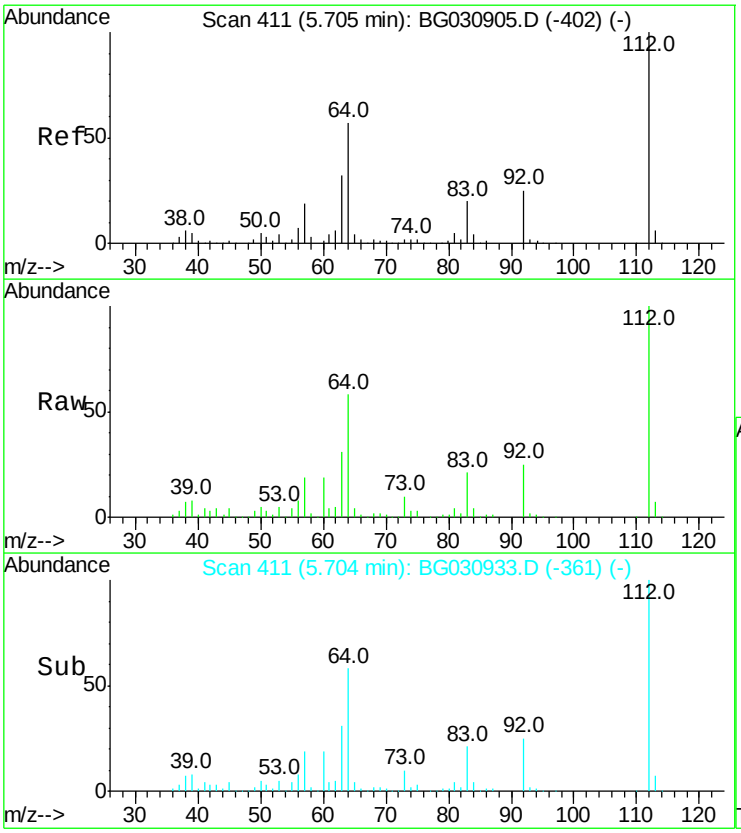
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Instrument :
BNA_G
ClientSampleId :
FM1034

Tgt Ion:152 Resp: 45611

Ion	Ratio	Lower	Upper
152	100		
150	159.5	126.6	189.8
115	58.5	53.0	79.4

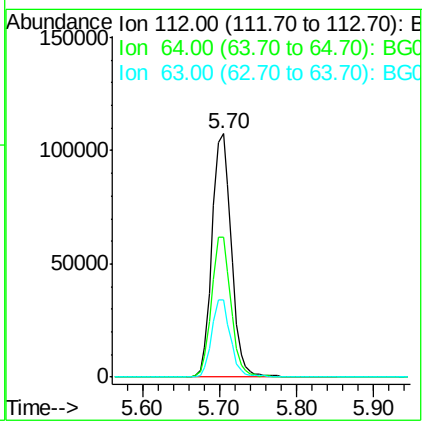


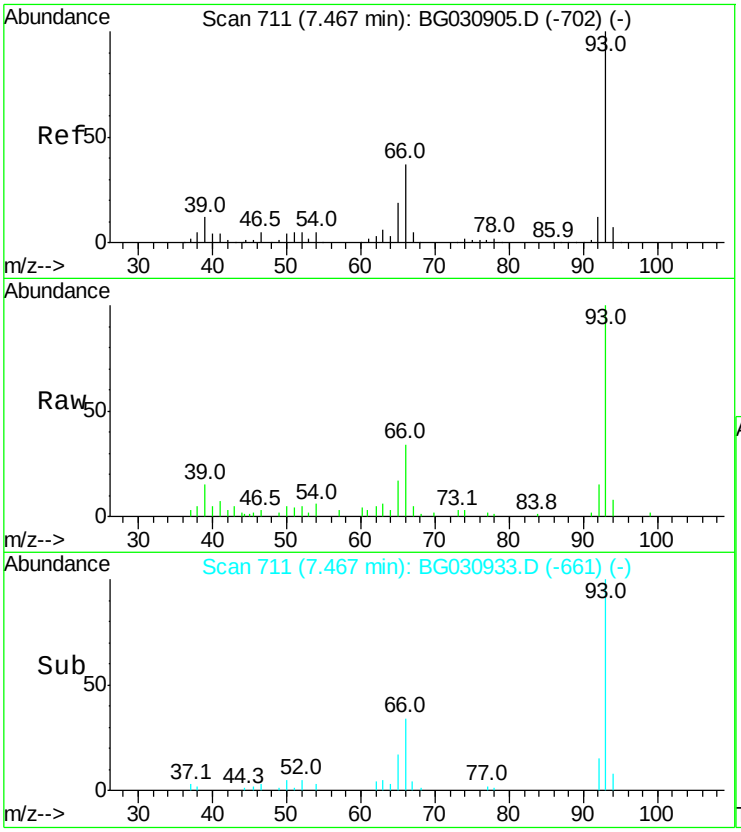


#5
2-Fluorophenol
Concen: 69.558 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Tgt Ion:112 Resp: 185018

Ion	Ratio	Lower	Upper
112	100		
64	57.7	56.3	84.5
63	31.5	30.1	45.1



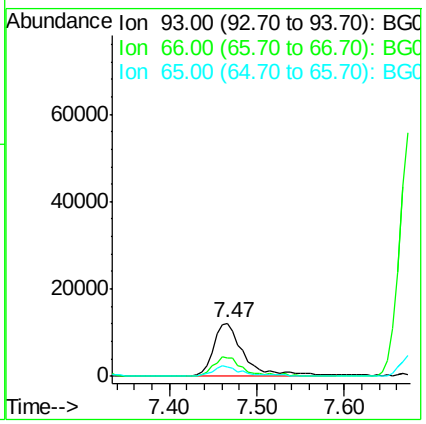


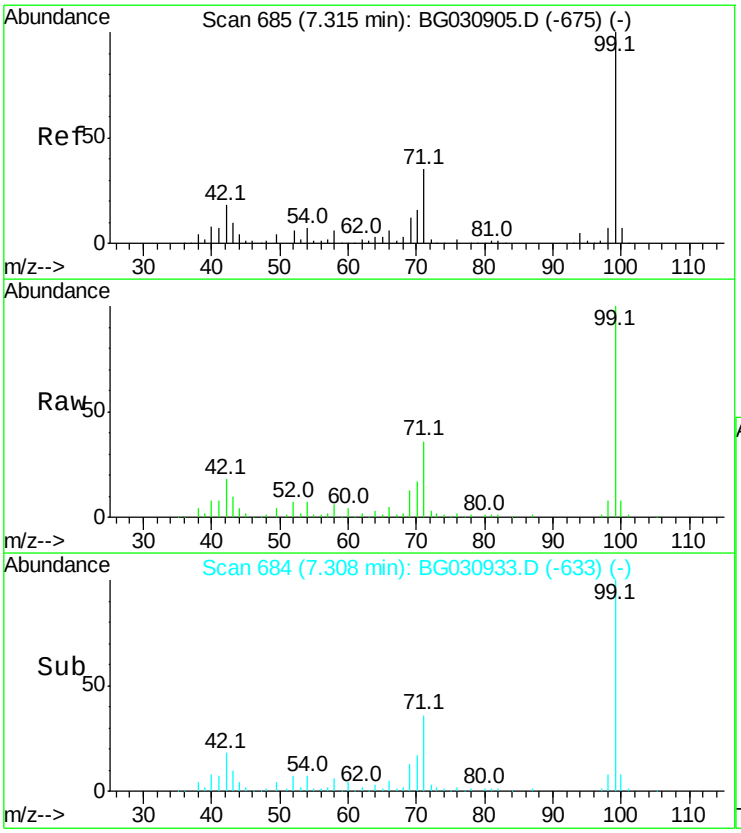
#6
Aniline
Concen: 6.260 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.00 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Instrument :
BNA_G
ClientSampleId :
FM1034

Tgt Ion: 93 Resp: 29524

Ion	Ratio	Lower	Upper
93	100		
66	33.6	33.7	50.5#
65	17.2	16.1	24.1

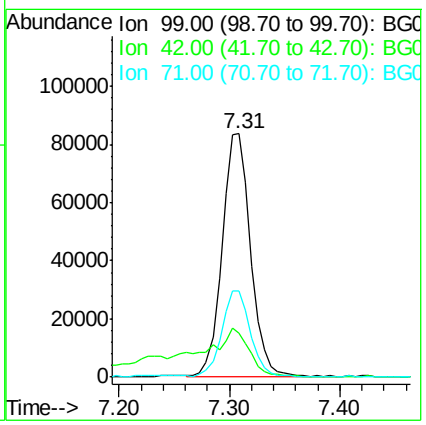


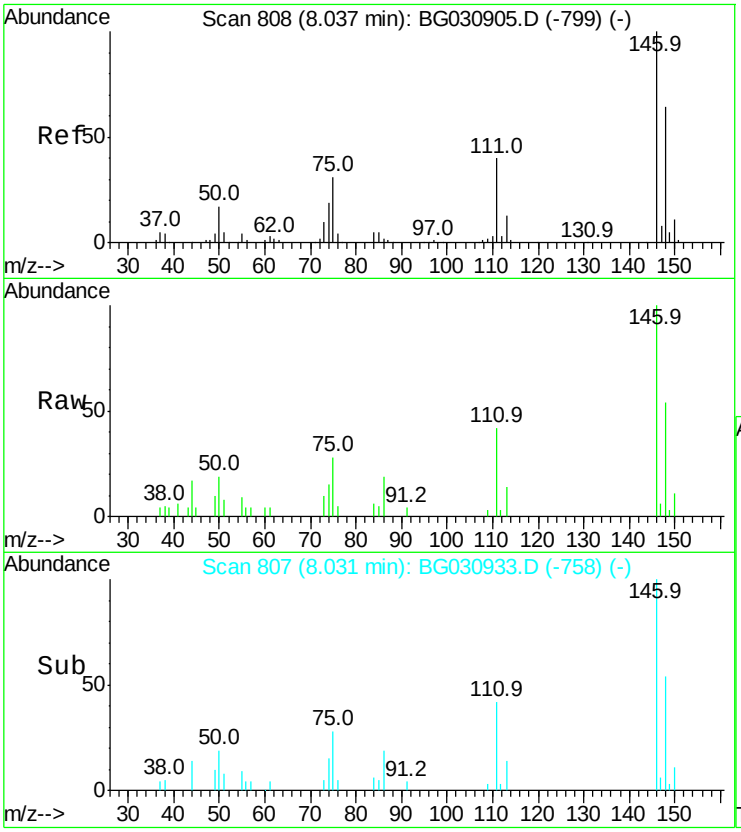


#7
Phenol-d6
Concen: 41.782 ng
RT: 7.31 min Scan# 684
Delta R.T. 0.00 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Tgt Ion: 99 Resp: 149726

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	35.5	26.1	39.1



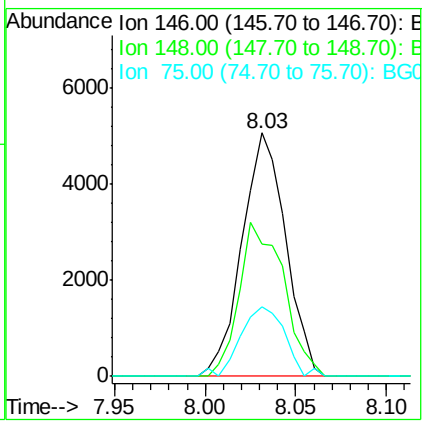


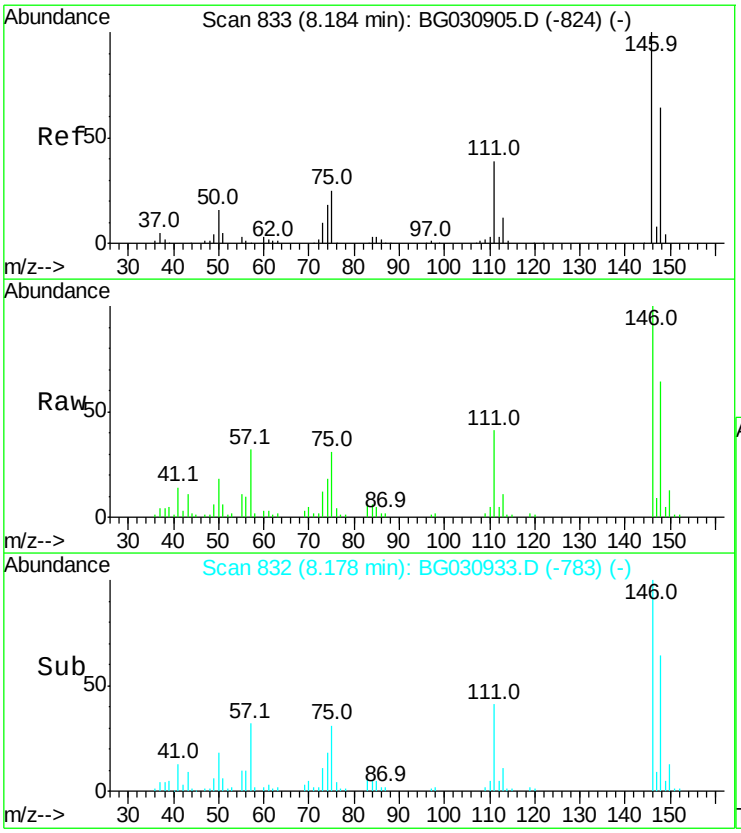
#12
1,3-Dichlorobenzene
Concen: 2.461 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Instrument :
BNA_G
ClientSampleId :
FM1034

Tgt Ion:146 Resp: 8474

Ion	Ratio	Lower	Upper
146	100		
148	54.4	51.4	77.2
75	28.5	26.6	39.8

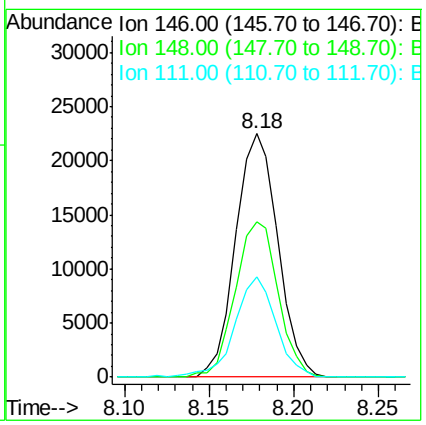


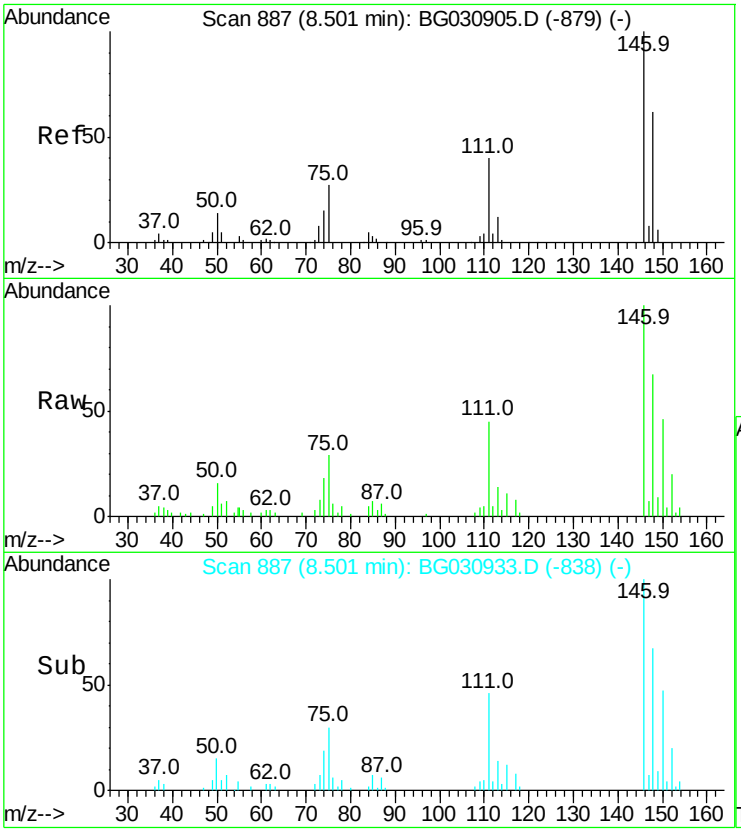


#13
1,4-Dichlorobenzene
Concen: 11.176 ng
RT: 8.18 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Tgt Ion:146 Resp: 39002

Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.7	80.5
111	41.4	35.2	52.8



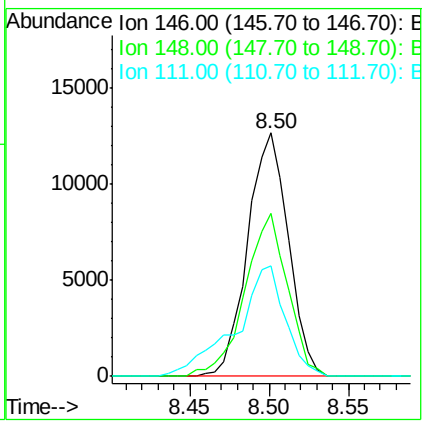


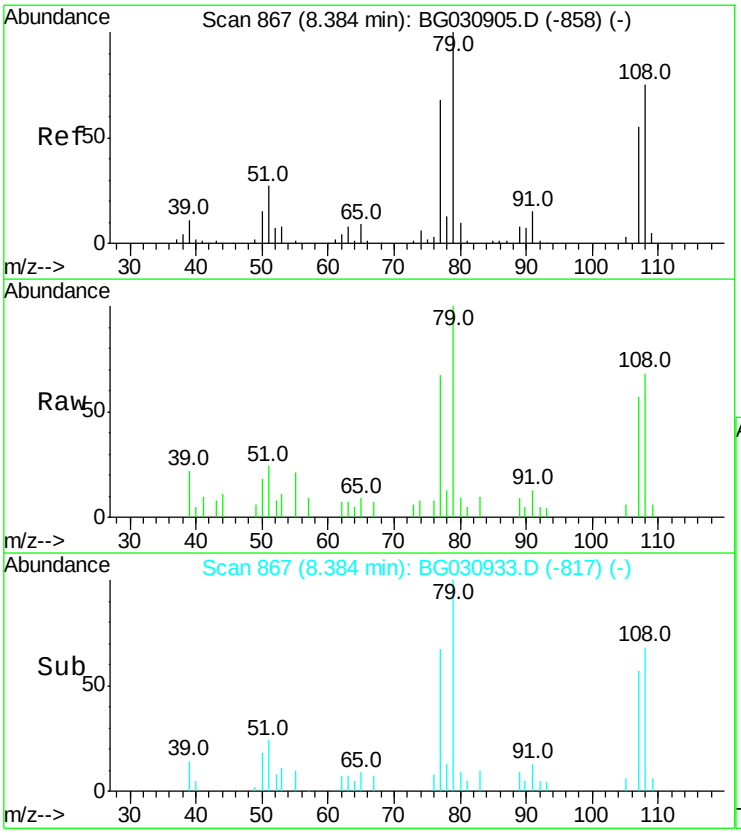
#14
1,2-Dichlorobenzene
Concen: 6.726 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.01 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Instrument :
BNA_G
ClientSampleId :
FM1034

Tgt Ion:146 Resp: 22531

Ion	Ratio	Lower	Upper
146	100		
148	66.9	49.3	73.9
111	45.5	34.3	51.5

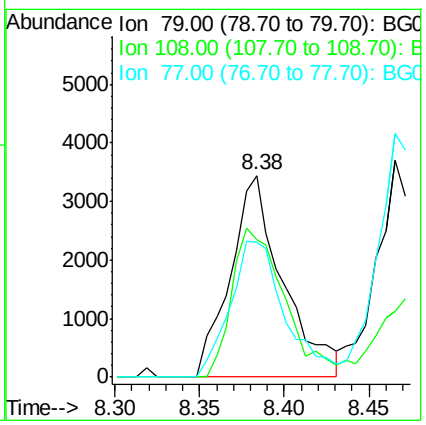


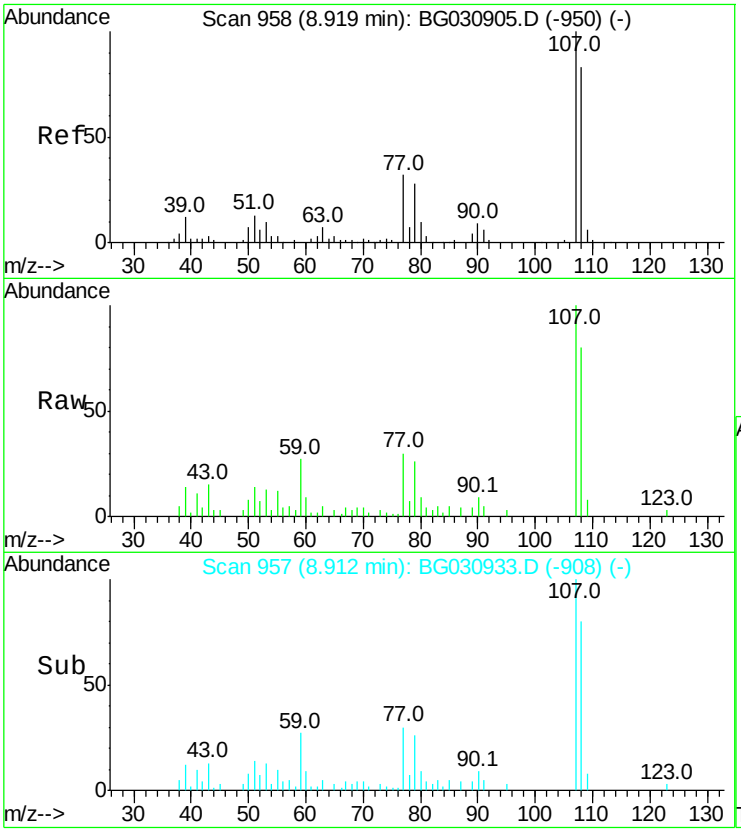


#15
Benzyl Alcohol
Concen: 2.582 ng
RT: 8.38 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Tgt Ion: 79 Resp: 7422

Ion	Ratio	Lower	Upper
79	100		
108	67.8	57.2	85.8
77	67.0	46.1	69.1



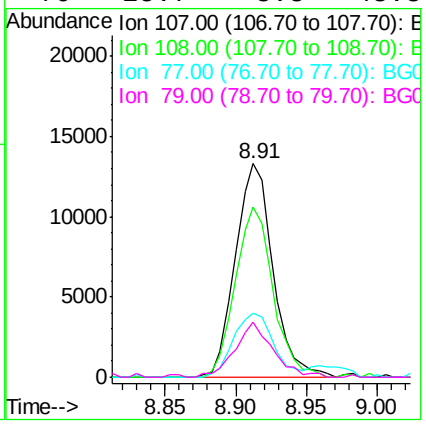


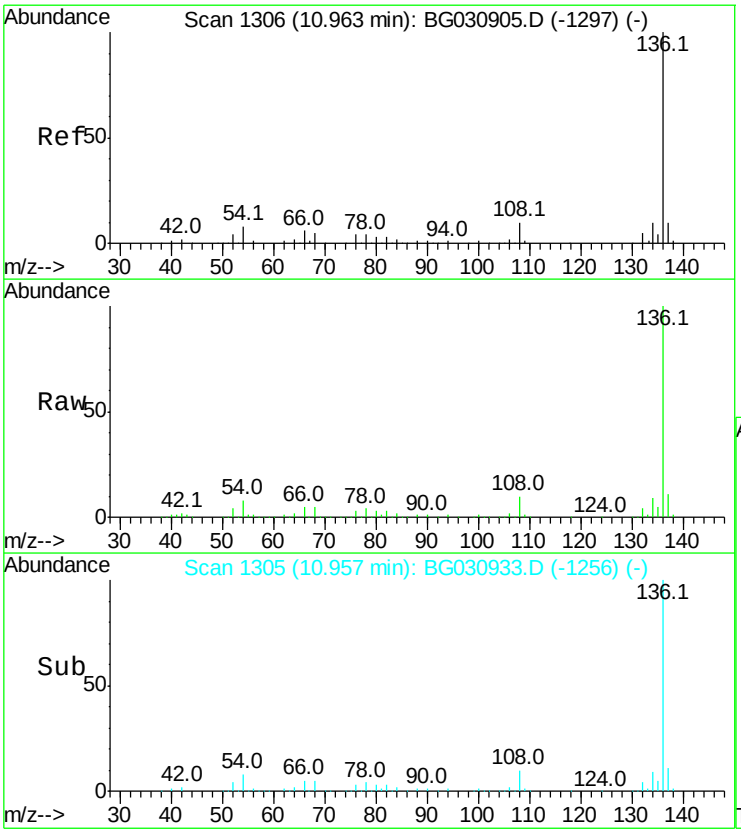
#20
3+4-Methylphenols
Concen: 6.731 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Instrument :
BNA_G
ClientSampleId :
FM1034

Tgt Ion:107 Resp: 24804

Ion	Ratio	Lower	Upper
107	100		
108	79.5	61.6	101.6
77	30.2	13.9	53.9
79	25.7	8.8	48.8

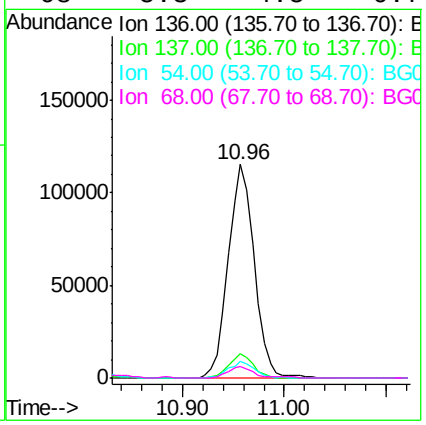


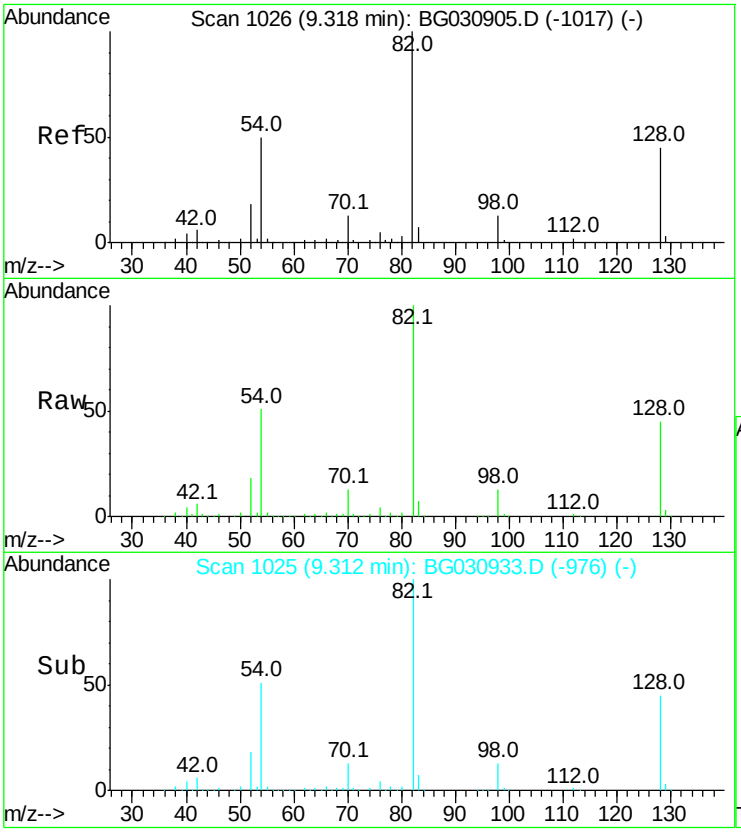


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Tgt Ion:136 Resp: 204985

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.8	10.3	15.5#
68	5.3	4.5	6.7



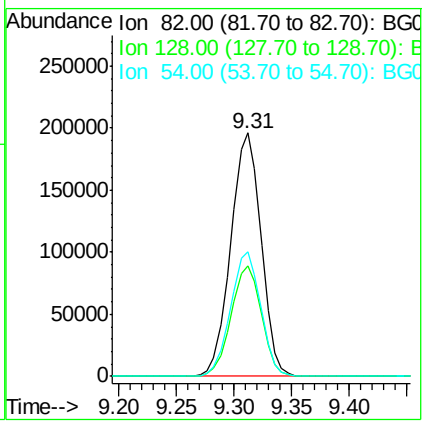


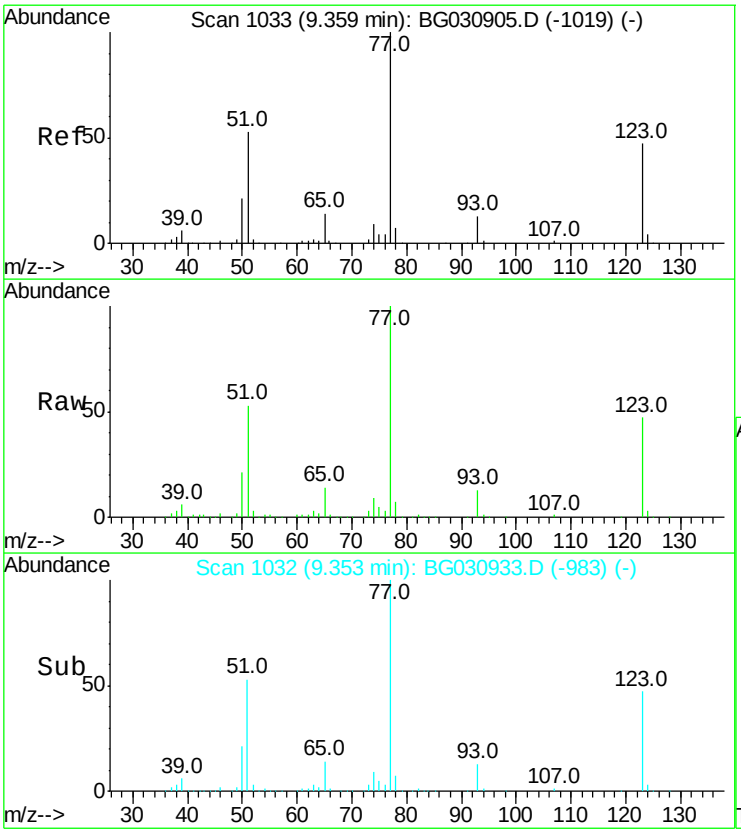
#23
Nitrobenzene-d5
Concen: 103.165 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Instrument : BNA_G
ClientSampleId : FM1034

Tgt Ion: 82 Resp: 356880

Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	50.9	43.1	64.7

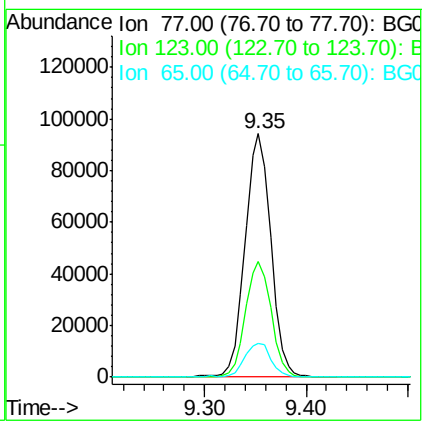


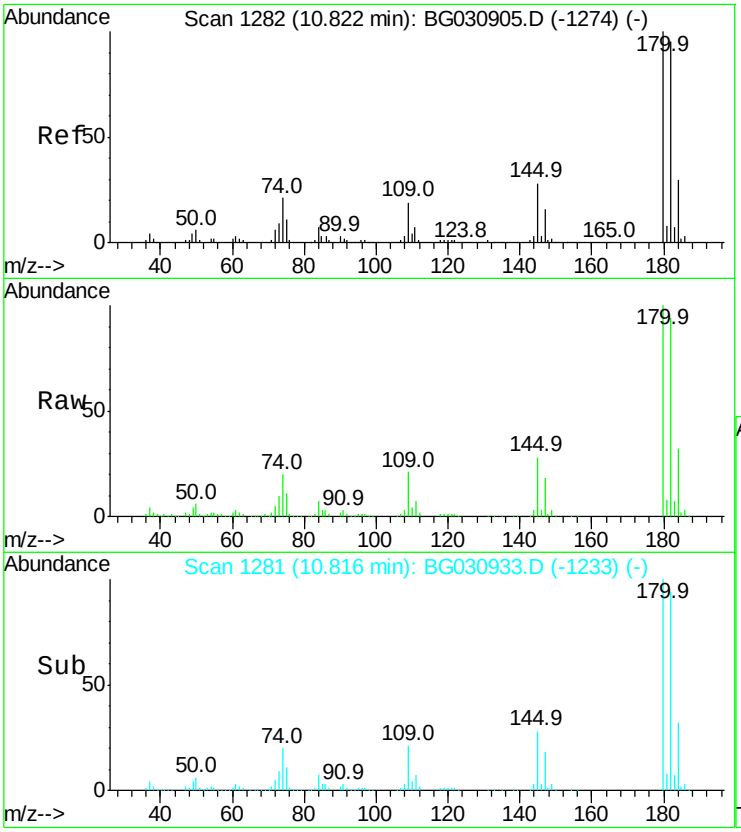


#24
Nitrobenzene
Concen: 46.973 ng
RT: 9.35 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Tgt Ion: 77 Resp: 165988

Ion	Ratio	Lower	Upper
77	100		
123	47.4	33.0	49.6
65	14.0	13.0	19.6



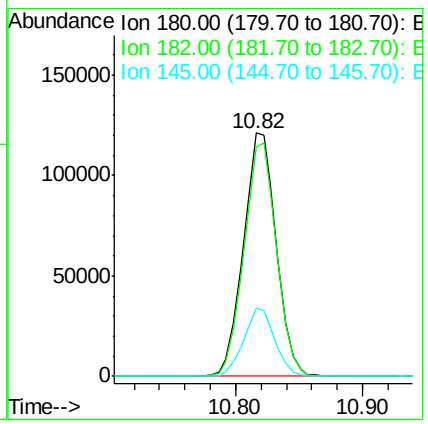


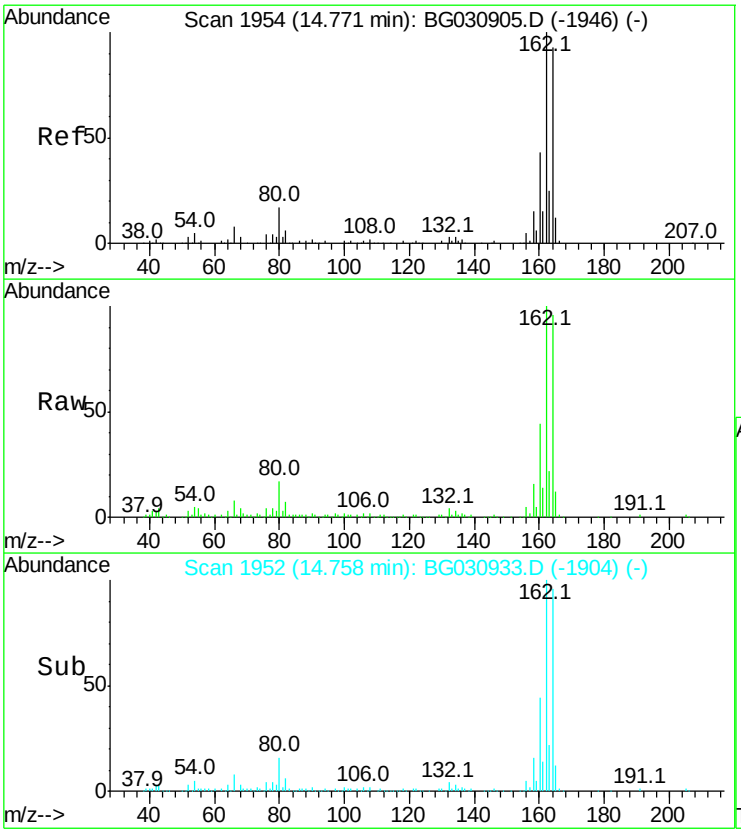
#30
1,2,4-Trichlorobenzene
Concen: 55.391 ng
RT: 10.82 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Instrument :
BNA_G
ClientSampleId :
FM1034

Tgt Ion:180 Resp: 217148

Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.5	116.3
145	27.9	23.4	35.2

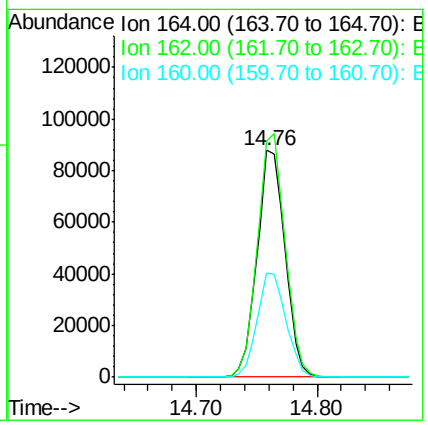


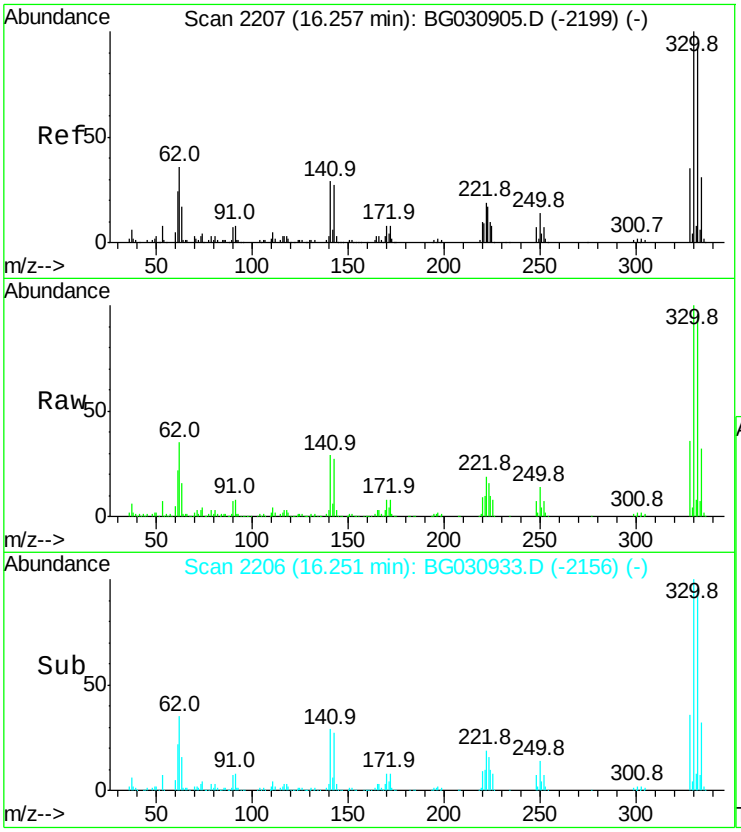


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Tgt Ion:164 Resp: 141645

Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	46.0	35.4	53.0



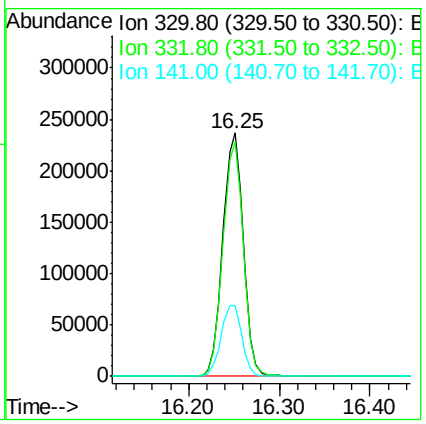


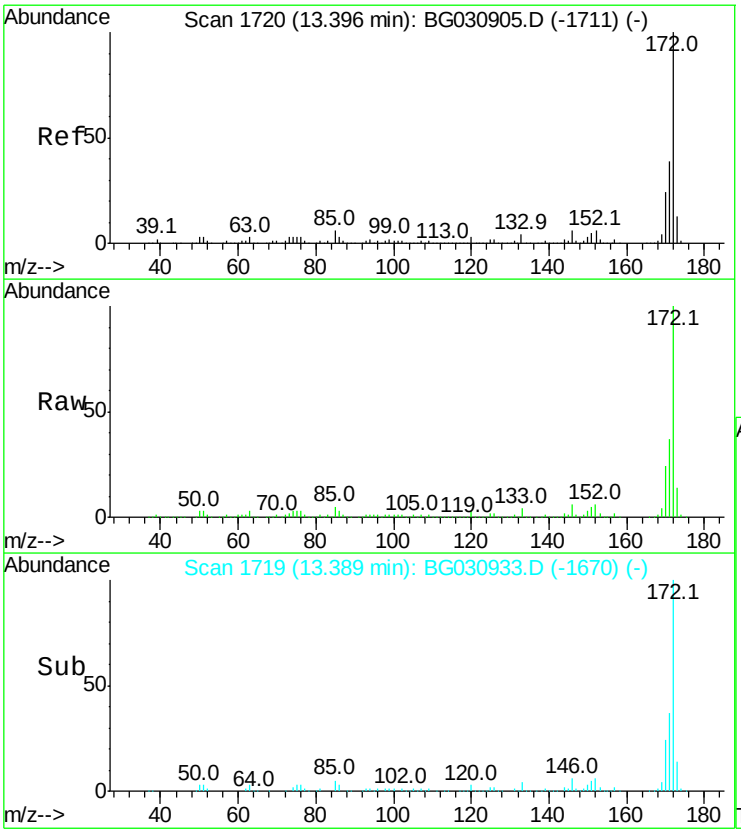
#41
2,4,6-Tribromophenol
Concen: 162.134 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Instrument :
BNA_G
ClientSampleId :
FM1034

Tgt Ion:330 Resp: 371506

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	29.8	25.2	37.8

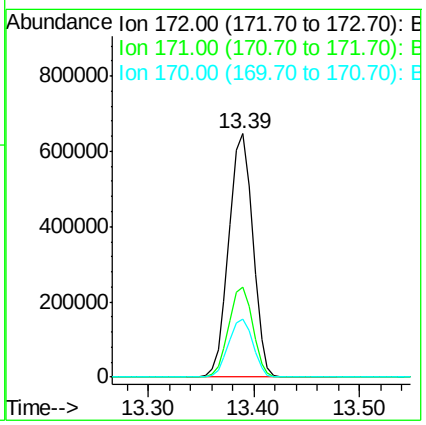


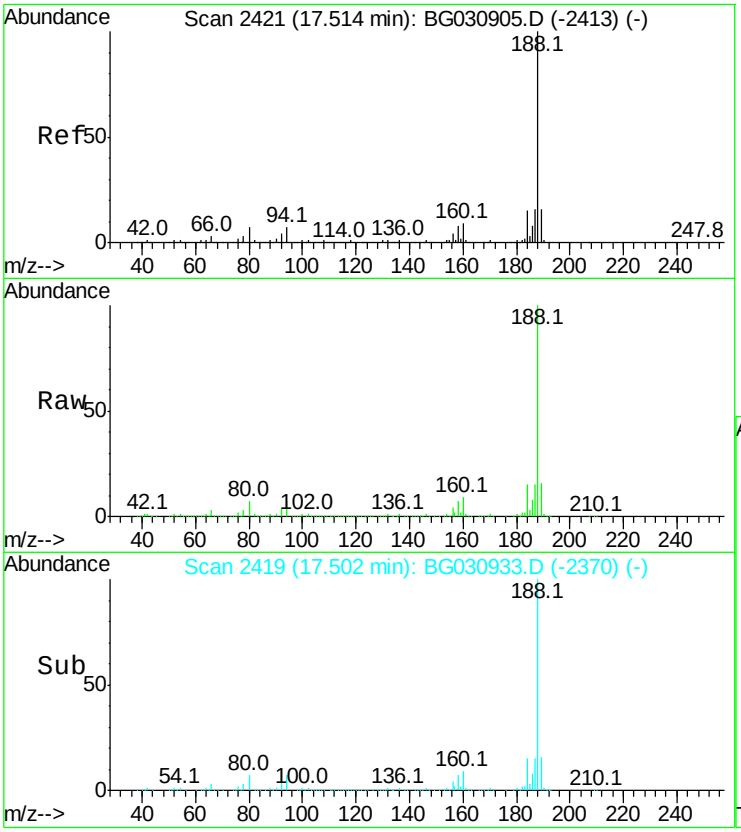


#44
2-Fluorobiphenyl
Concen: 102.799 ng
RT: 13.39 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Tgt Ion:172 Resp: 1013367

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.0	45.0
170	23.9	19.5	29.3



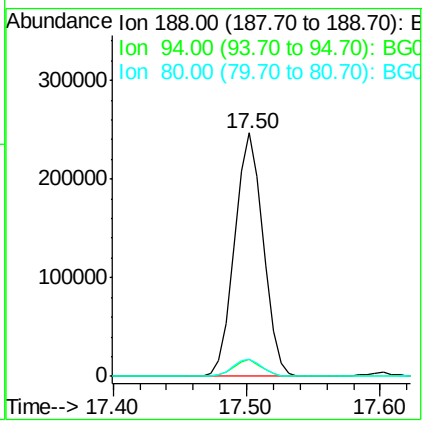


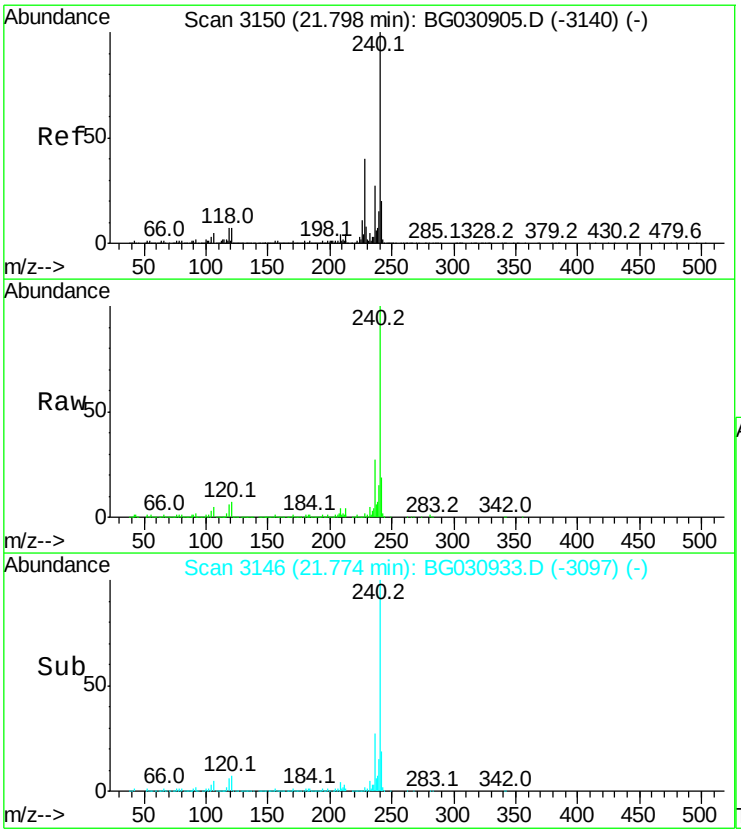
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Instrument :
BNA_G
ClientSampleId :
FM1034

Tgt Ion:188 Resp: 365617

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.0	7.7	11.5#

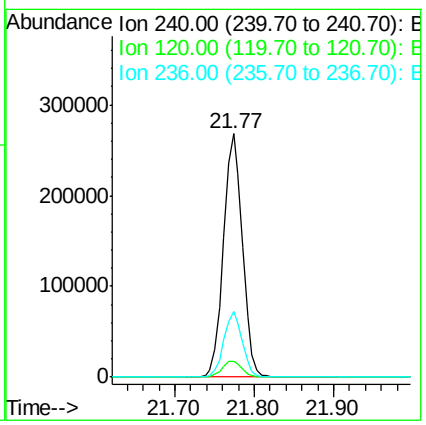


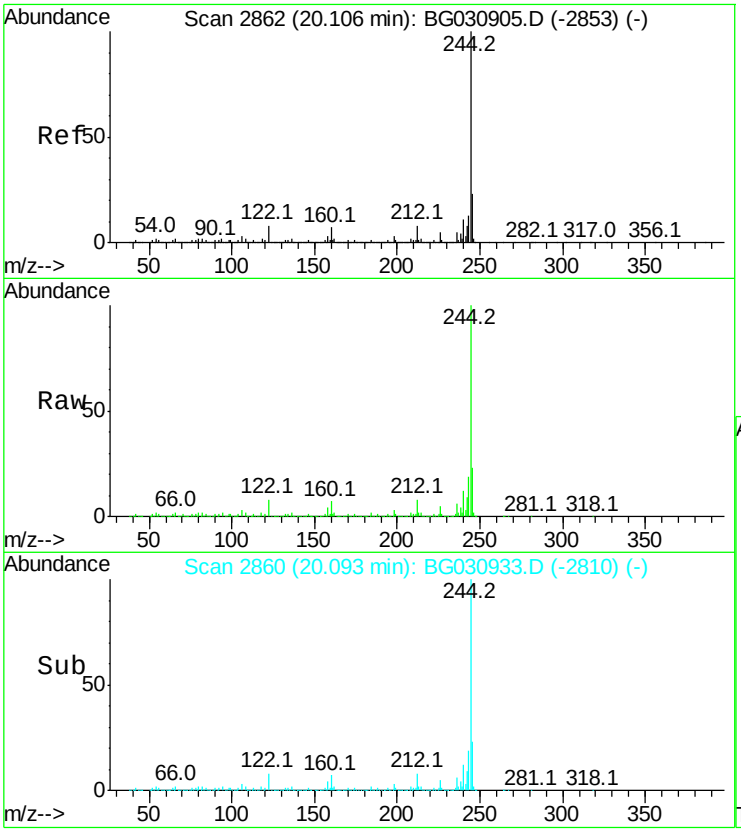


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Tgt Ion:240 Resp: 440430

Ion	Ratio	Lower	Upper
240	100		
120	6.6	6.8	10.2#
236	26.8	20.9	31.3



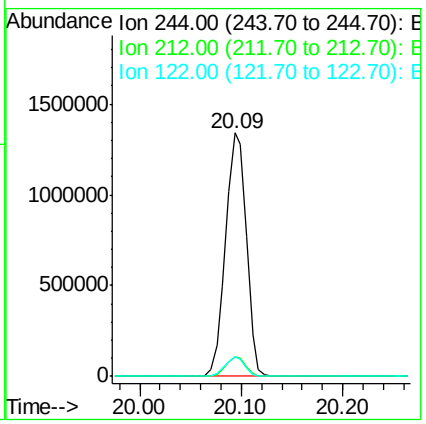


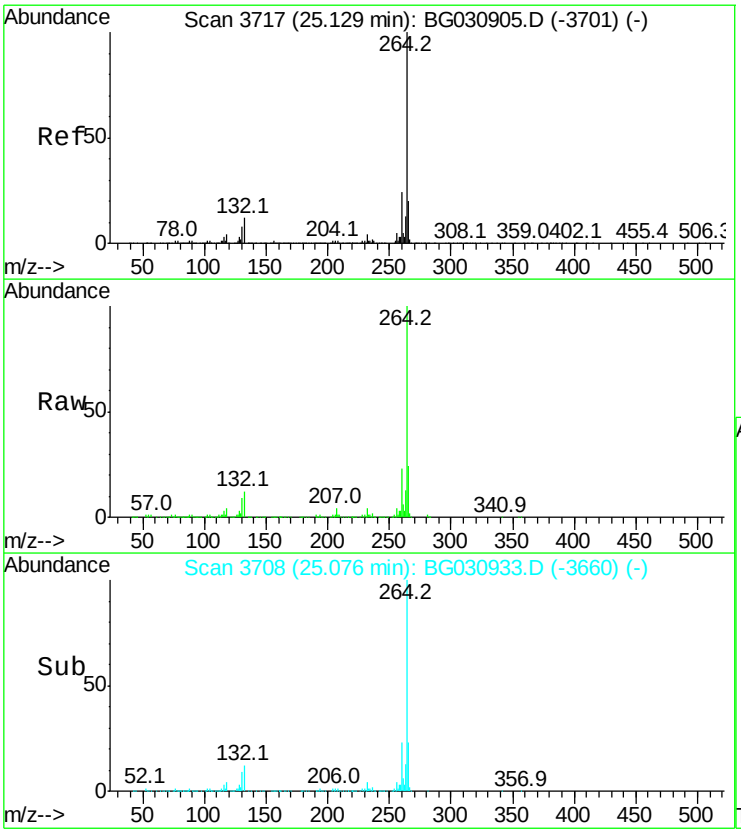
#78
Terphenyl-d14
Concen: 95.450 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Instrument :
BNA_G
ClientSampleId :
FM1034

Tgt Ion:244 Resp: 1903866

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	7.8	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG030933.D
Acq: 11 Nov 2017 8:22

Tgt Ion:264 Resp: 432299

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	23.6	17.7	26.5