Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
Data File : BG024715.D
Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Time: Nov 06 23:49:27 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 11:14:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	98070	20.00	ng		0.00
21) Naphthalene-d8	11.10	136	370597	20.00	ng		0.00
38) Acenaphthene-d10	14.88	164	274981	20.00	ng		-0.01
63) Phenanthrene-d10	17.62	188	660214	20.00	ng		0.00
75) Chrysene-d12	21.92	240	935116	20.00	ng		-0.01
86) Perylene-d12	25.35	264	971733	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.80	112	511659	85.51	ng		0.00
7) Phenol-d6	7.41	99	514949	62.74	ng		0.00
23) Nitrobenzene-d5	9.44	82	843251	103.60	ng		-0.01
41) 2,4,6-Tribromophenol	16.37	330	669591	162.99	ng		0.00
44) 2-Fluorobiphenyl	13.51	172	1630128	98.53	ng		0.00
78) Terphenyl-d14	20.20	244	2802255	89.54	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.43	94	34985	4.13	ng		94
36) 4-Chloro-3-methylphenol	12.39	107	19480	2.61	ng	#	25
49) Dimethylphthalate	14.32	163	178218	9.13	ng		96
50) 2,6-Dinitrotoluene	14.38	165	20151	4.84	ng	#	14

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

Quantitation Report (Not Reviewed)

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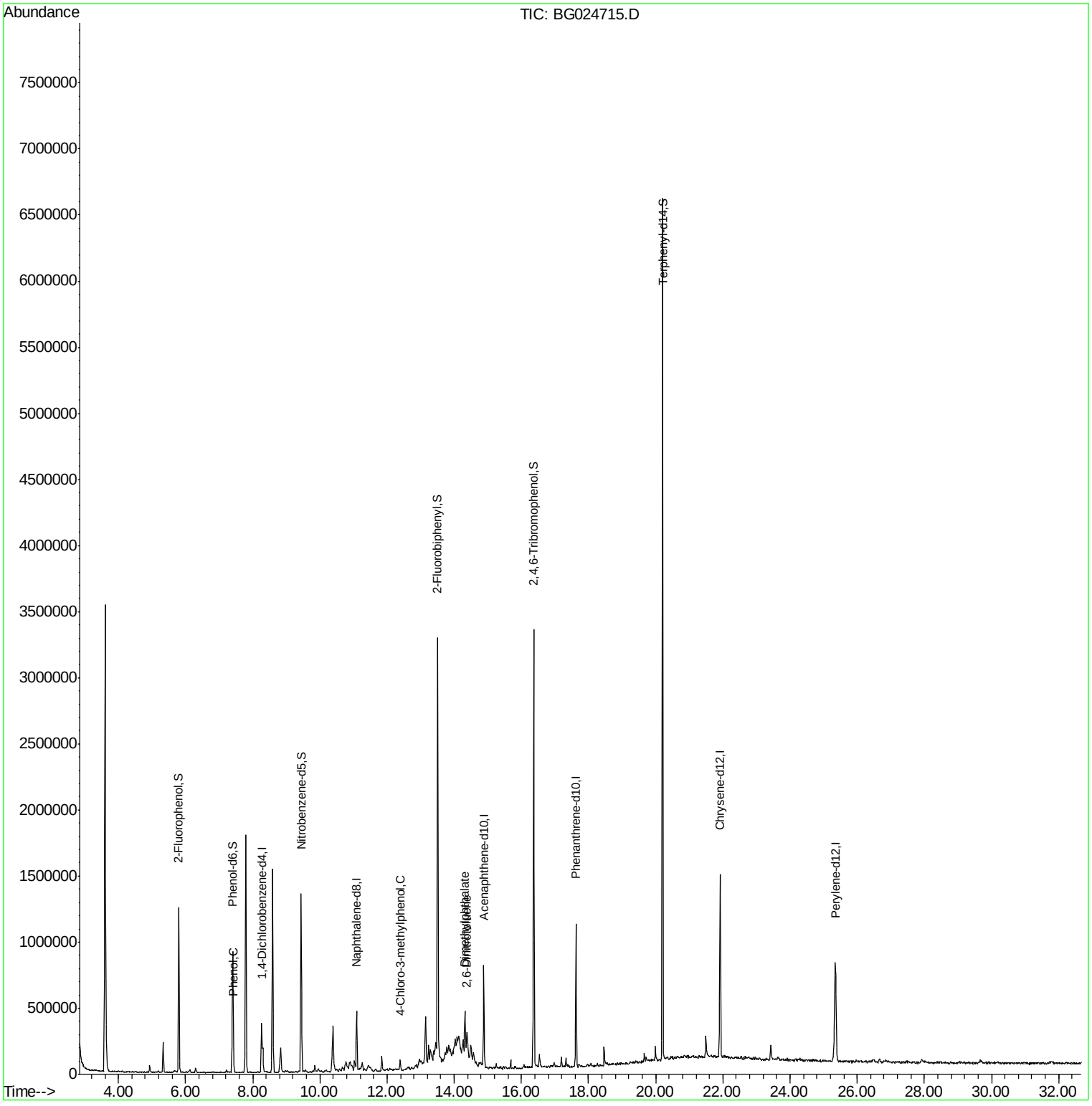
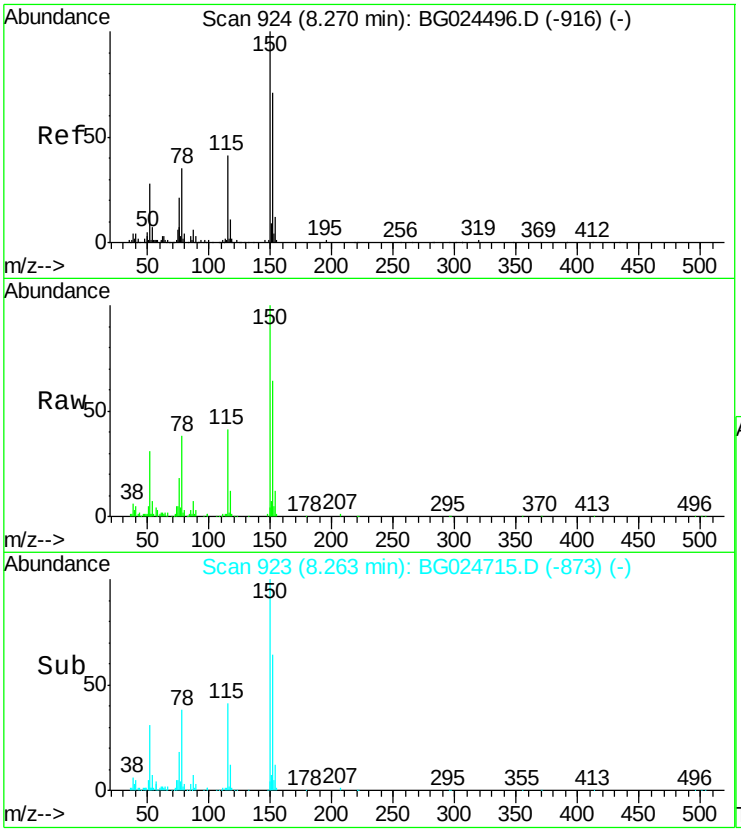


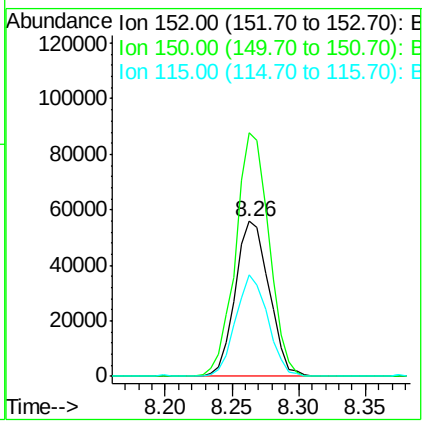


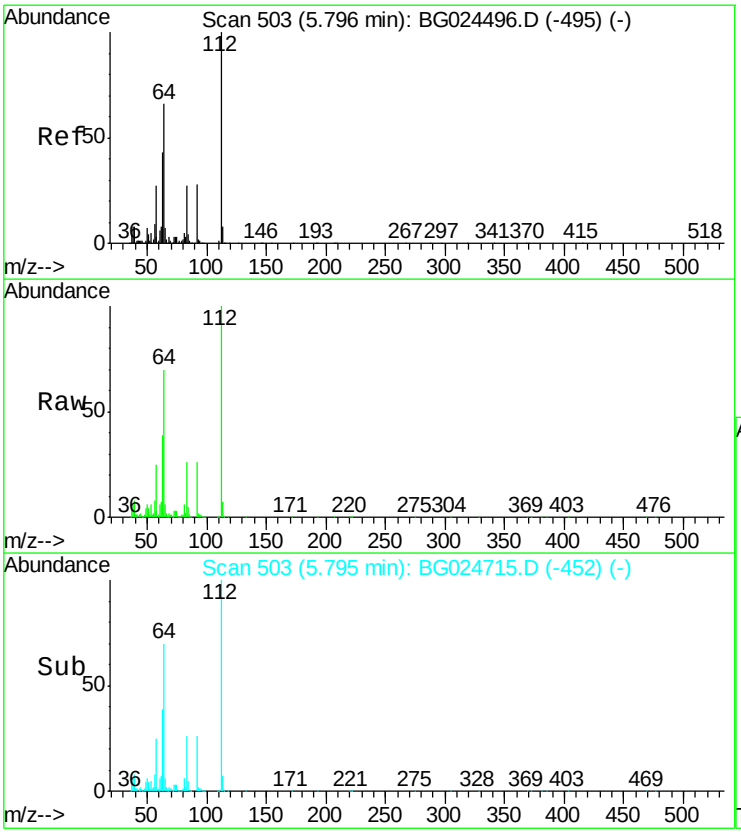
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Instrument :
BNA_G
ClientSampleId :
GW-103-12.1-22.0

Tgt Ion:152 Resp: 98070

Ion	Ratio	Lower	Upper
152	100		
150	157.2	114.0	171.0
115	65.2	48.1	72.1

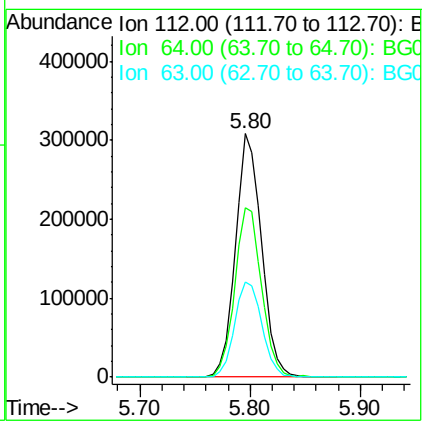


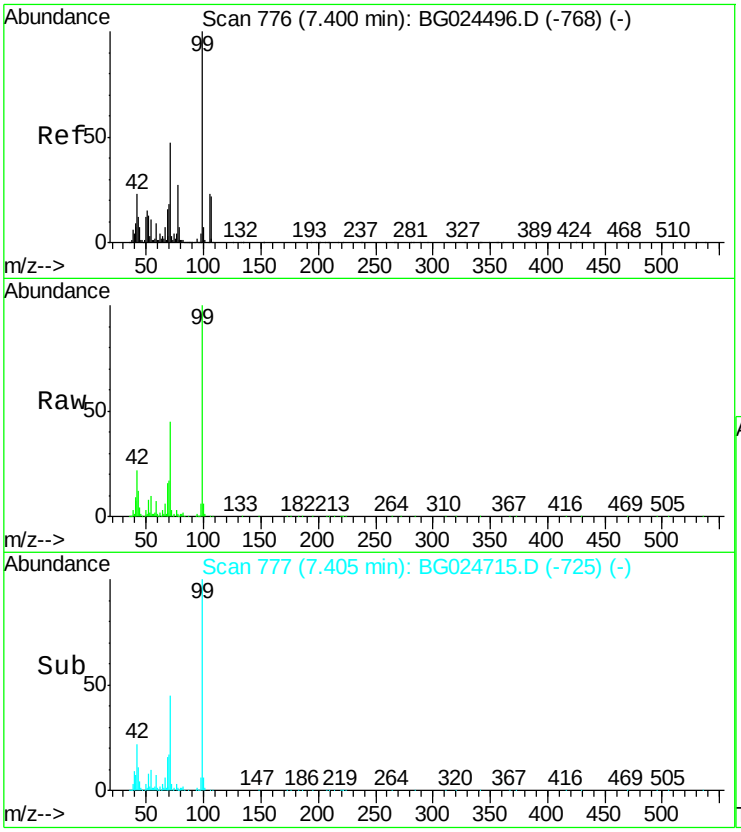


#5
2-Fluorophenol
Concen: 85.51 ng
RT: 5.80 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Tgt Ion:112 Resp: 511659

Ion	Ratio	Lower	Upper
112	100		
64	69.8	61.8	92.6
63	38.8	37.2	55.8



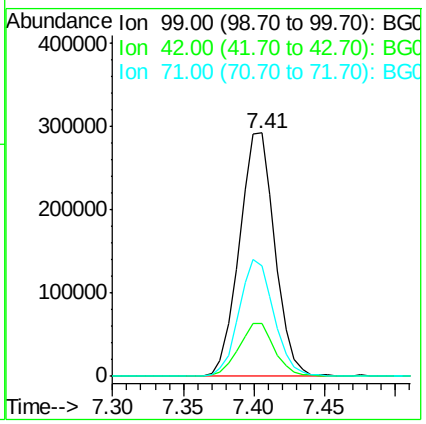


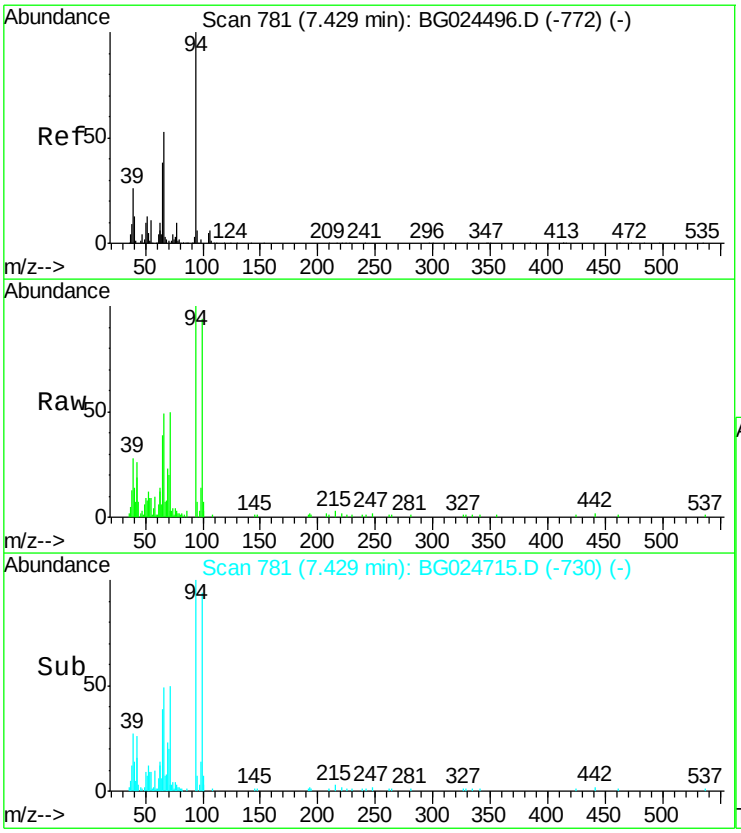
#7
Phenol-d6
Concen: 62.74 ng
RT: 7.41 min Scan# 777
Delta R.T. 0.01 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Instrument :
BNA_G
ClientSampleId :
GW-103-12.1-22.0

Tgt Ion: 99 Resp: 514949

Ion	Ratio	Lower	Upper
99	100		
42	22.0	20.5	30.7
71	45.4	37.6	56.4

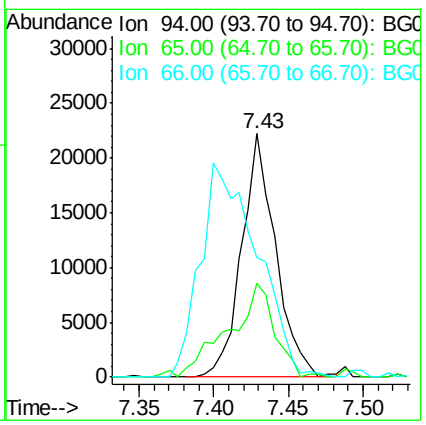


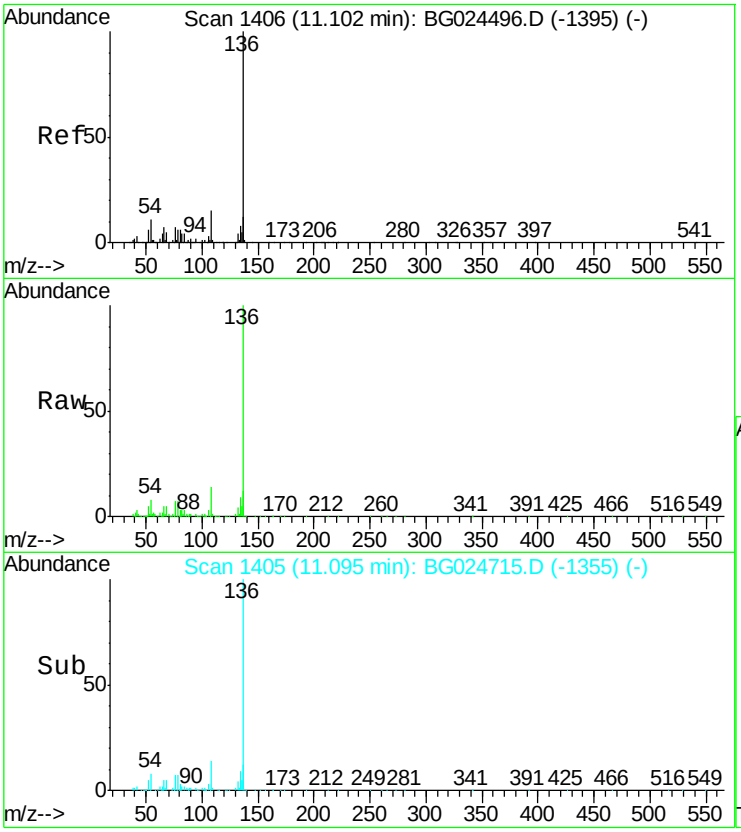


#10
Phenol
Concen: 4.13 ng
RT: 7.43 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Tgt Ion: 94 Resp: 34985

Ion	Ratio	Lower	Upper
94	100		
65	38.7	20.6	60.6
66	49.2	35.5	75.5



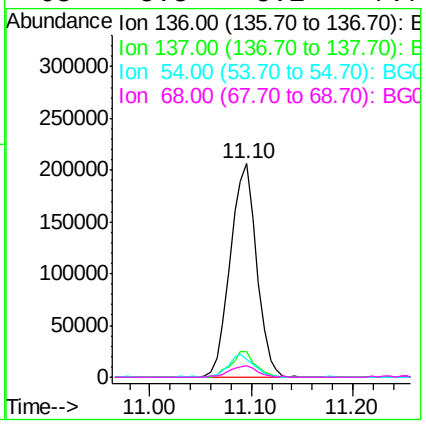


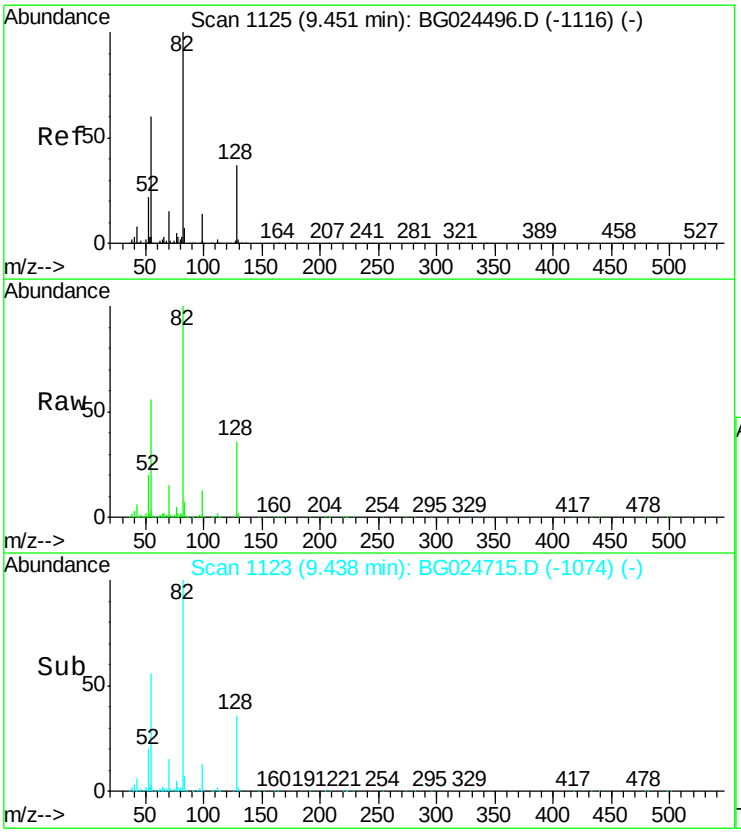
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.10 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Instrument :
BNA_G
ClientSampleId :
GW-103-12.1-22.0

Tgt Ion:136 Resp: 370597

Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.9	13.3
54	8.3	9.3	13.9#
68	5.3	5.1	7.7

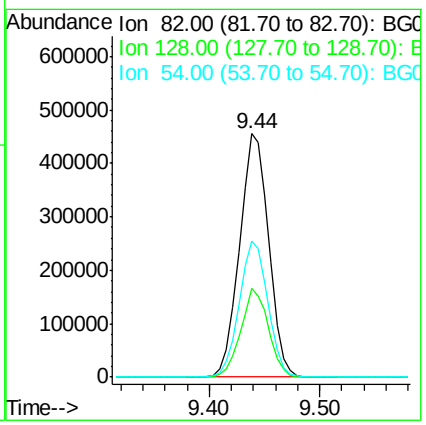


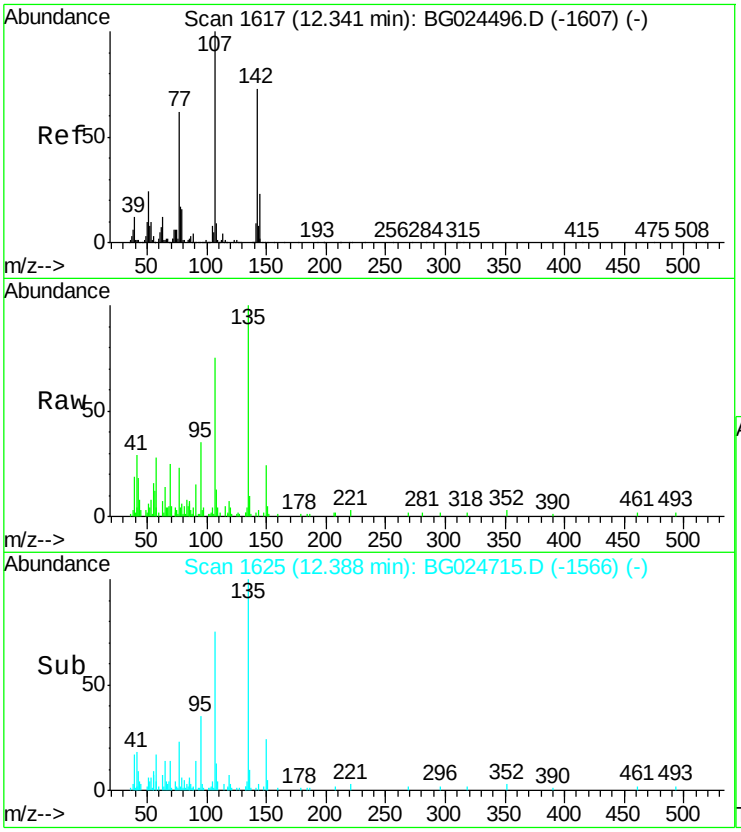


#23
Nitrobenzene-d5
Concen: 103.60 ng
RT: 9.44 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Tgt Ion: 82 Resp: 843251

Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.4	39.6
54	55.7	49.4	74.2



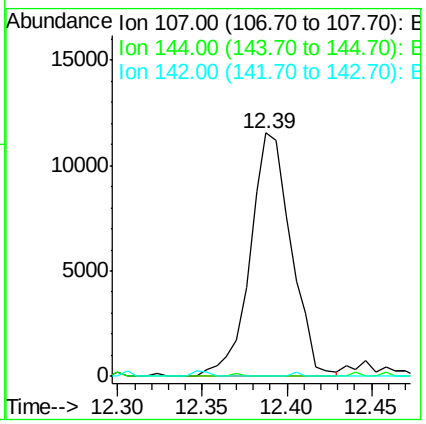


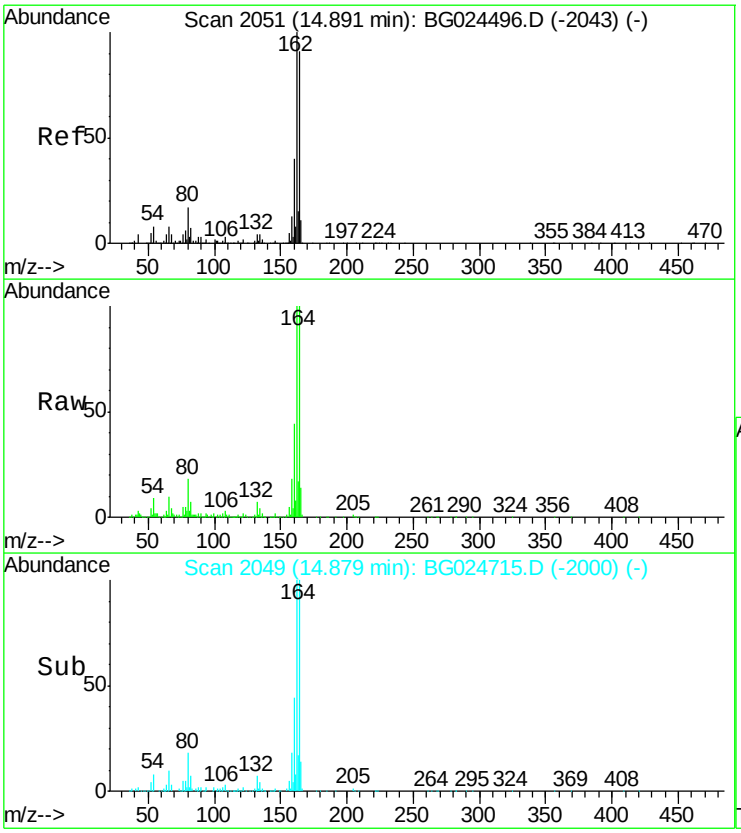
#36
4-Chloro-3-methylphenol
Concen: 2.61 ng
RT: 12.39 min Scan# 1625
Delta R.T. 0.05 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Instrument :
BNA_G
ClientSampleId :
GW-103-12.1-22.0

Tgt Ion:107 Resp: 19480

Ion	Ratio	Lower	Upper
107	100		
144	0.0	17.4	26.0#
142	0.0	54.1	81.1#

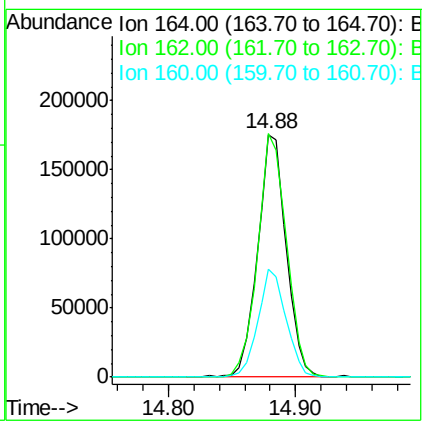


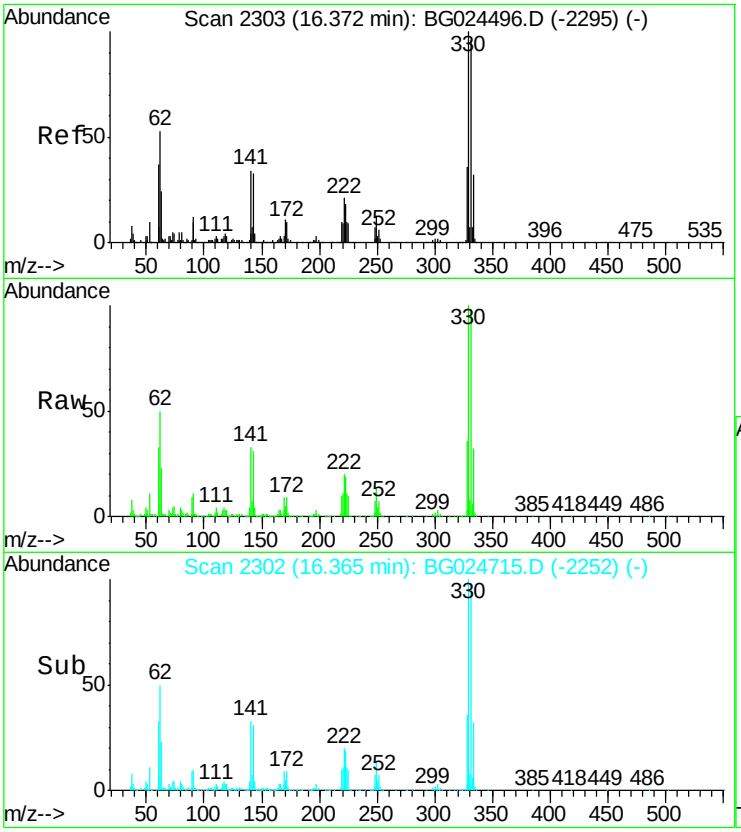


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Tgt Ion:164 Resp: 274981

Ion	Ratio	Lower	Upper
164	100		
162	100.3	85.1	127.7
160	44.6	34.7	52.1



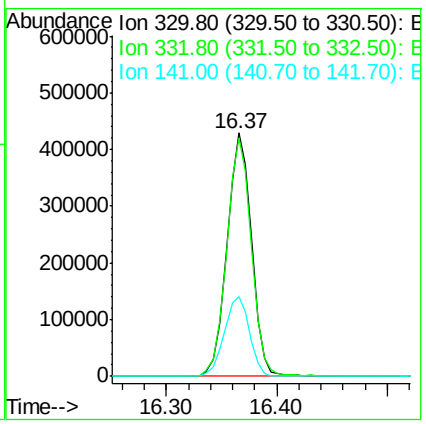


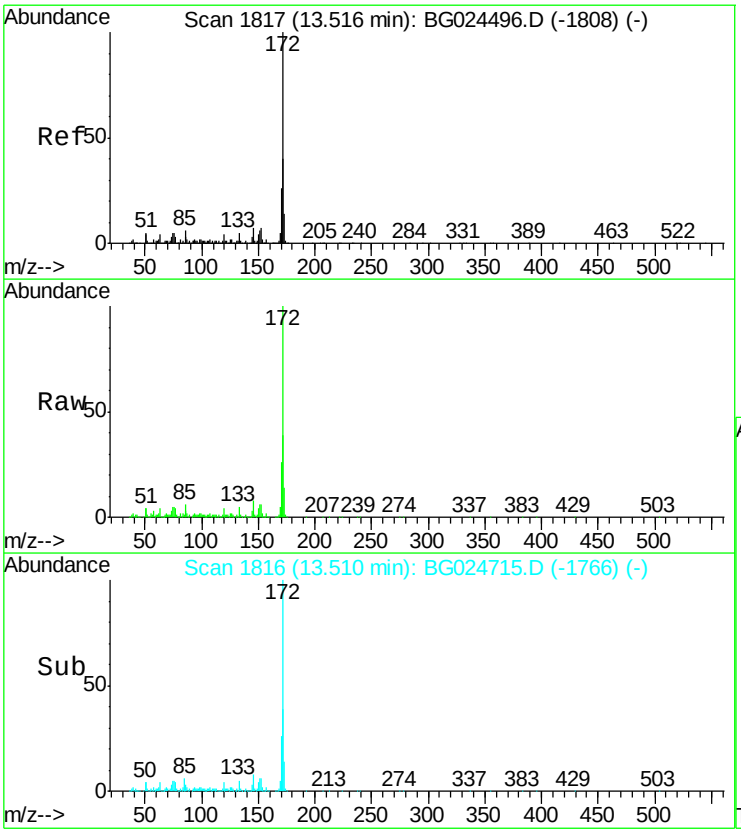
#41
2,4,6-Tribromophenol
Concen: 162.99 ng
RT: 16.37 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Instrument :
BNA_G
ClientSampleId :
GW-103-12.1-22.0

Tgt Ion:330 Resp: 669591

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.3	115.9
141	33.7	32.1	48.1

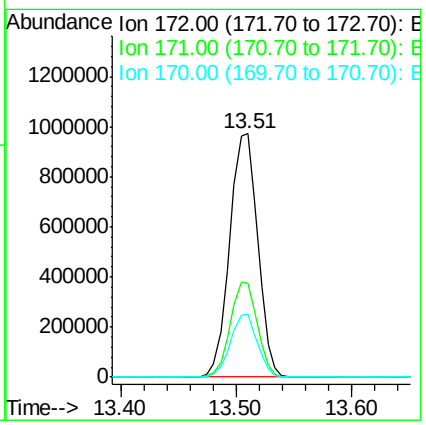


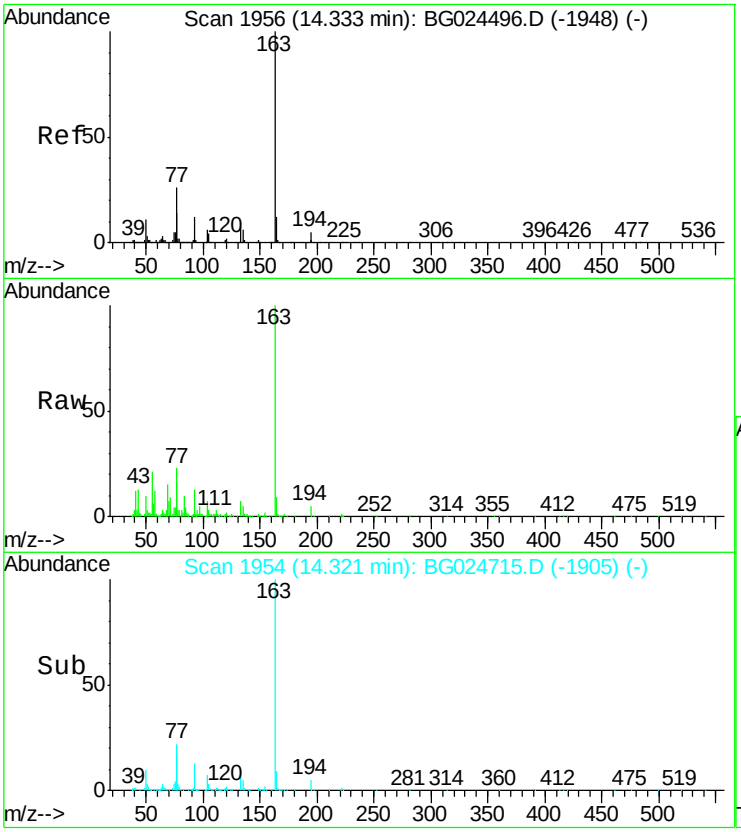


#44
2-Fluorobiphenyl
Concen: 98.53 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Tgt Ion:172 Resp: 1630128

Ion	Ratio	Lower	Upper
172	100		
171	38.7	32.2	48.2
170	26.1	21.8	32.6



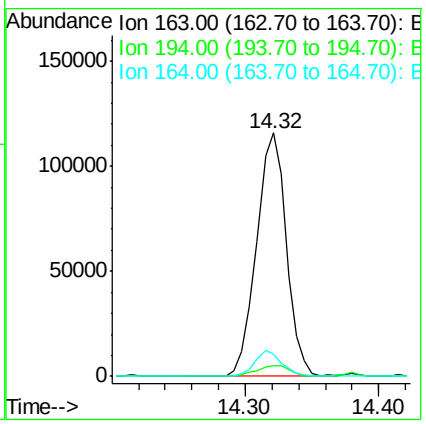


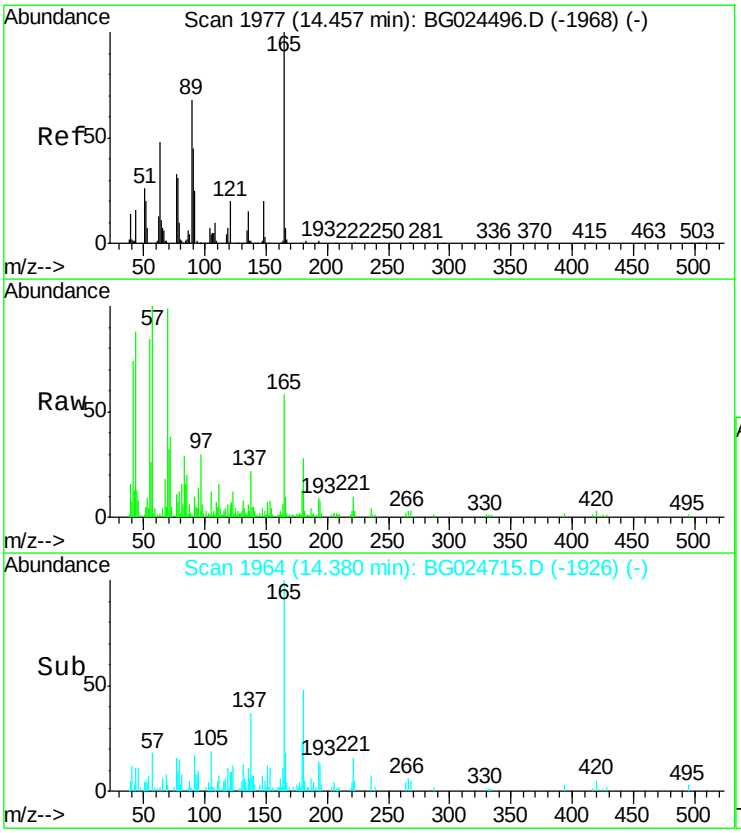
#49
Dimethylphthalate
Concen: 9.13 ng
RT: 14.32 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Instrument :
BNA_G
ClientSampleId :
GW-103-12.1-22.0

Tgt Ion:163 Resp: 178218

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	9.3	9.3	13.9

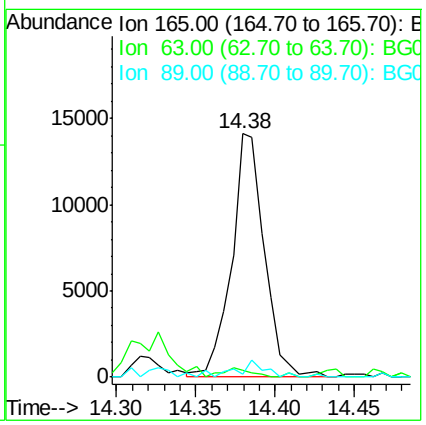


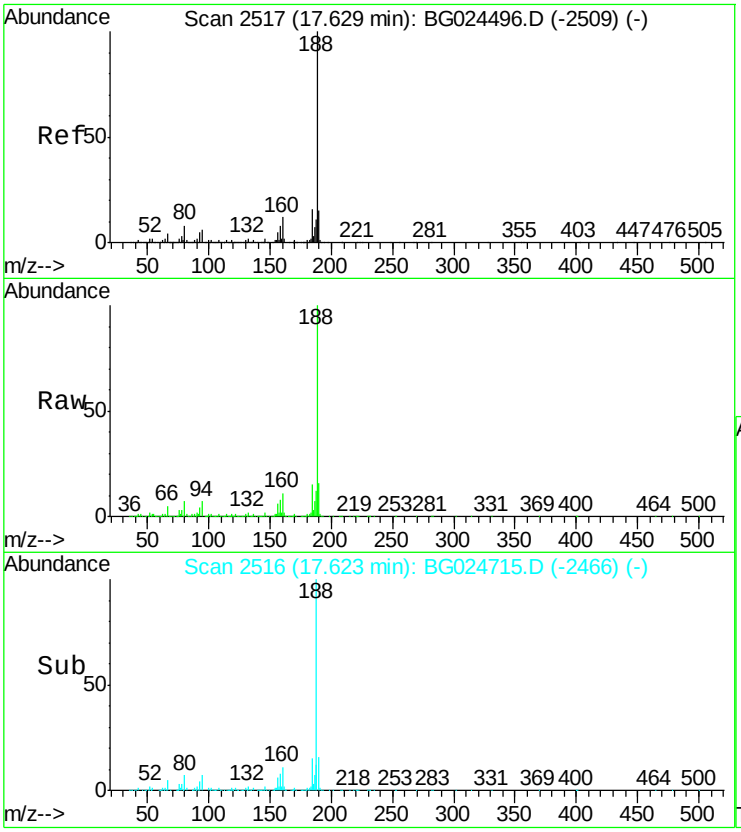


#50
2,6-Dinitrotoluene
Concen: 4.84 ng
RT: 14.38 min Scan# 1964
Delta R.T. -0.08 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Tgt Ion:165 Resp: 20151

Ion	Ratio	Lower	Upper
165	100		
63	2.9	63.9	95.9#
89	1.4	58.6	88.0#



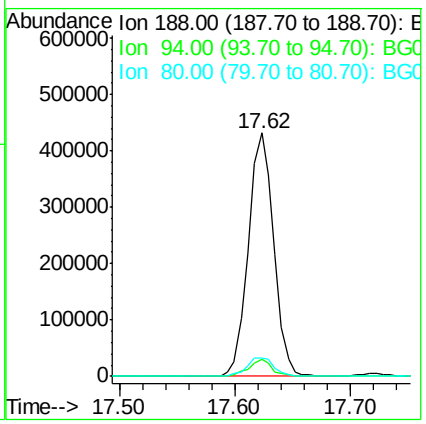


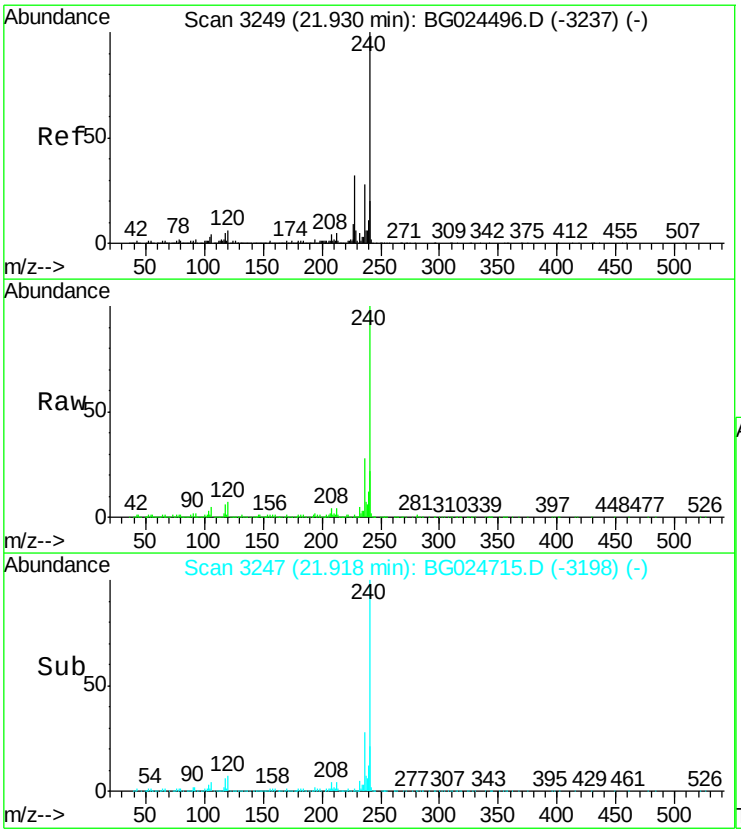
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Instrument :
BNA_G
ClientSampleId :
GW-103-12.1-22.0

Tgt Ion:188 Resp: 660214

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.8
80	7.4	7.5	11.3#

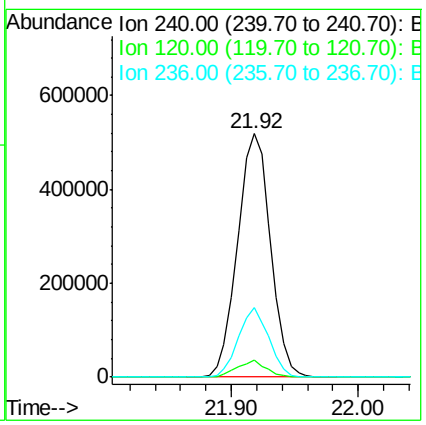


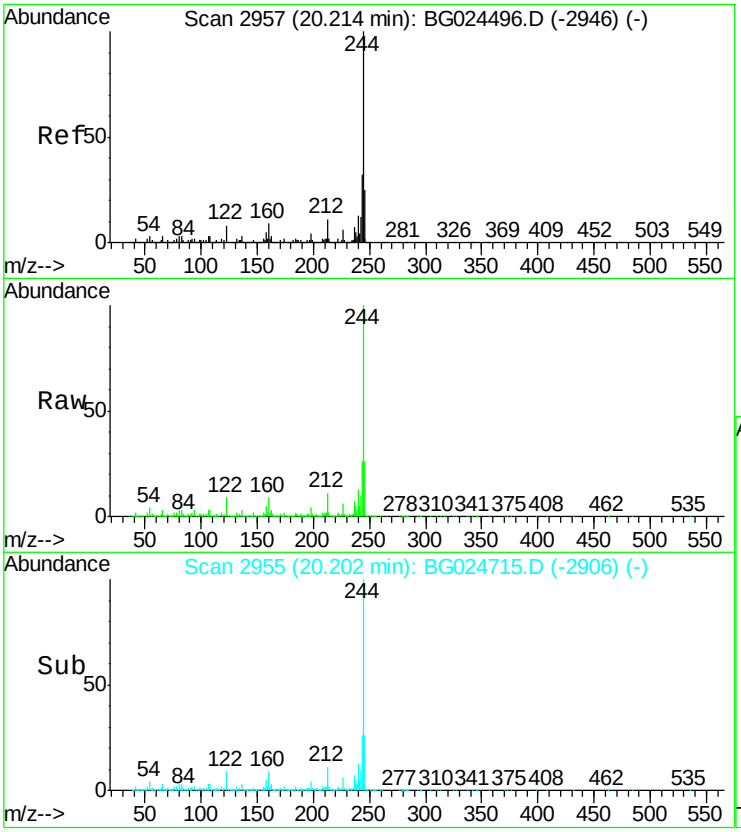


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.92 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Tgt Ion:240 Resp: 935116

Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.7	8.5
236	28.4	22.2	33.4



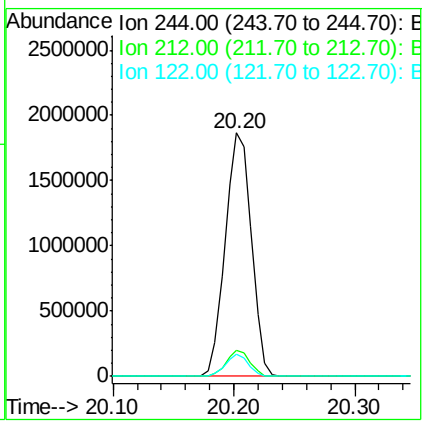


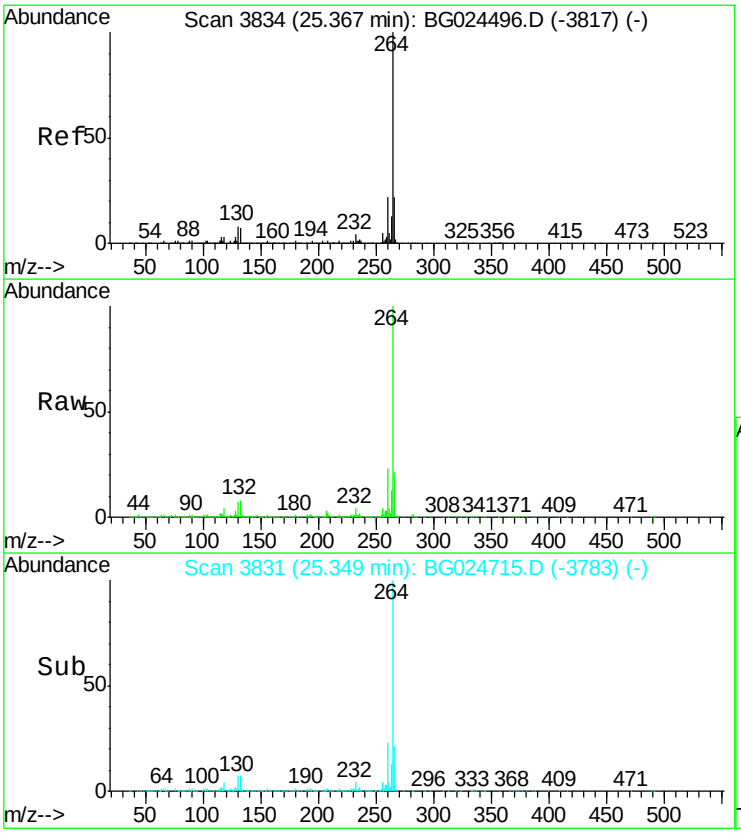
#78
Terphenyl-d14
Concen: 89.54 ng
RT: 20.20 min Scan# 2955
Delta R.T. -0.01 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Instrument :
BNA_G
ClientSampleId :
GW-103-12.1-22.0

Tgt Ion:244 Resp: 2802255

Ion	Ratio	Lower	Upper
244	100		
212	10.9	10.0	15.0
122	9.1	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3831
Delta R.T. -0.02 min
Lab File: BG024715.D
Acq: 5 Nov 2016 16:33

Tgt Ion:264 Resp: 971733

Ion	Ratio	Lower	Upper
264	100		
260	22.7	21.8	32.8
265	20.8	18.2	27.4