Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
Data File : BG024181.D
Acq On : 1 Oct 2016 5:07
Operator : UM/SJ
Sample : H5023-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-AREA-CD-09272016

Quant Time: Oct 01 05:50:27 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	36367	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	155115	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	111712	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	314108	20.00	ng	0.00
75) Chrysene-d12	21.78	240	352634	20.00	ng	-0.02
86) Perylene-d12	25.13	264	70736	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	325857	155.23	ng	0.00
7) Phenol-d6	7.20	99	424430	120.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	388267	98.65	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	231829	144.37	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	735870	110.73	ng	-0.02
78) Terphenyl-d14	20.08	244	1587161	92.16	ng	-0.02
Target Compounds						Qvalue
32) Benzoic acid	10.00	122	73	2.19	ng	# 1
40) Hexachlorocyclopentadiene	13.06	237	62	3.63	ng	# 26
53) 2,4-Dinitrophenol	14.80	184	119	2.57	ng	# 39
55) 4-Nitrophenol	14.87	139	79	5.40	ng	# 1
69) Pentachlorophenol	17.13	266	54	3.59	ng	# 18

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

Quantitation Report (Not Reviewed)

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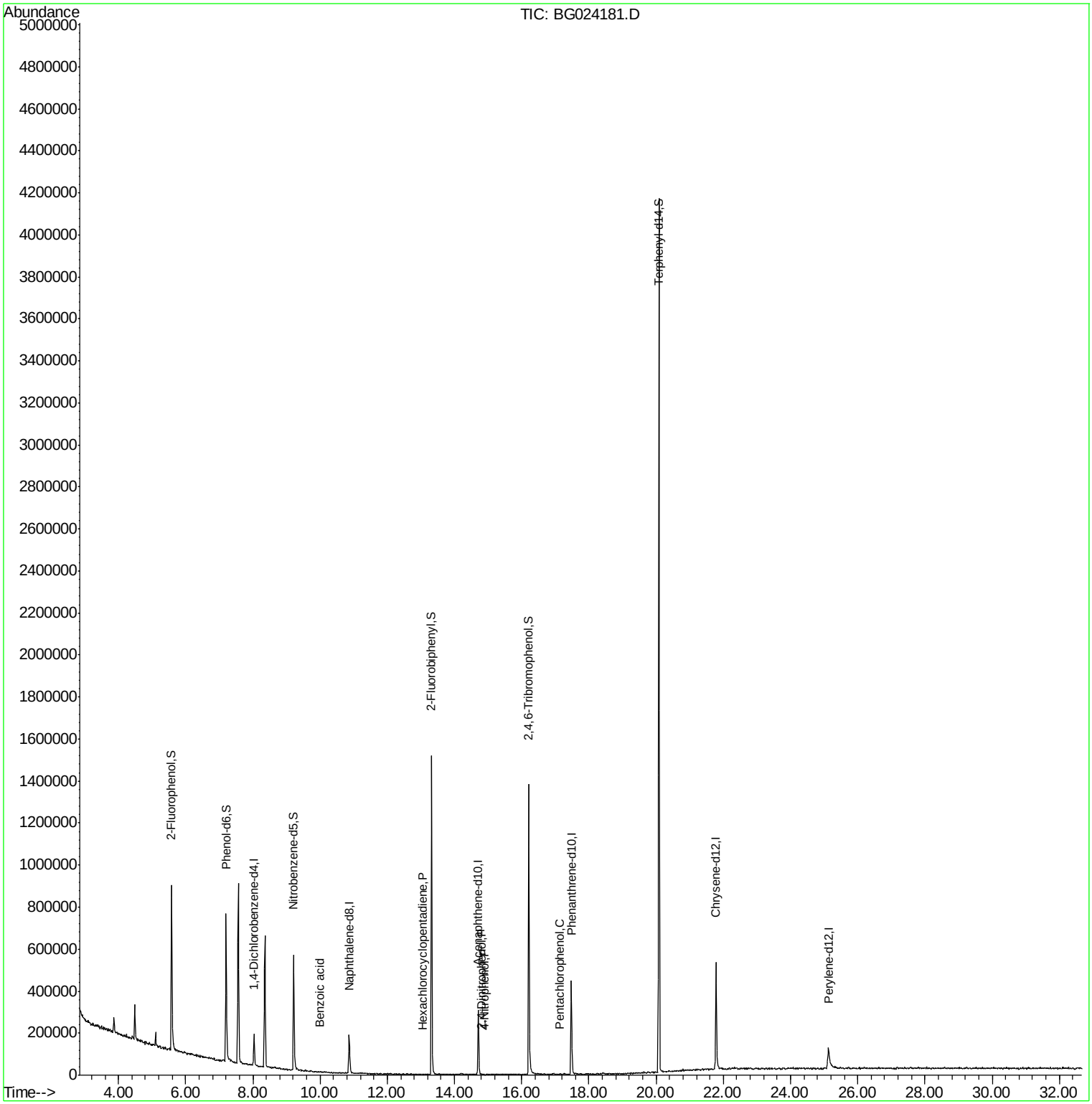
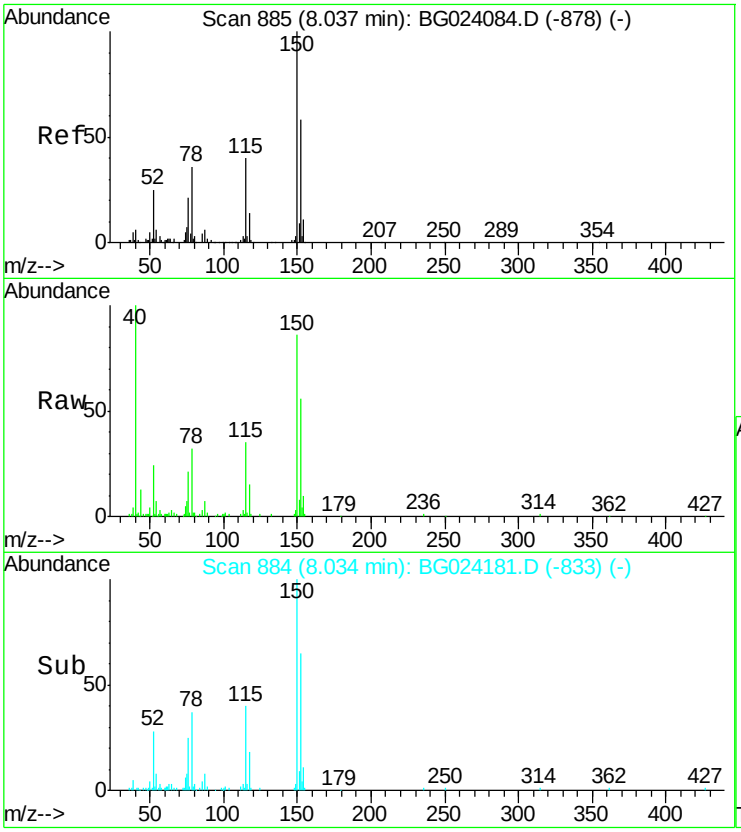


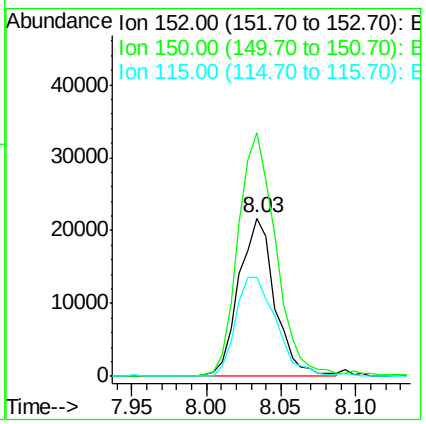


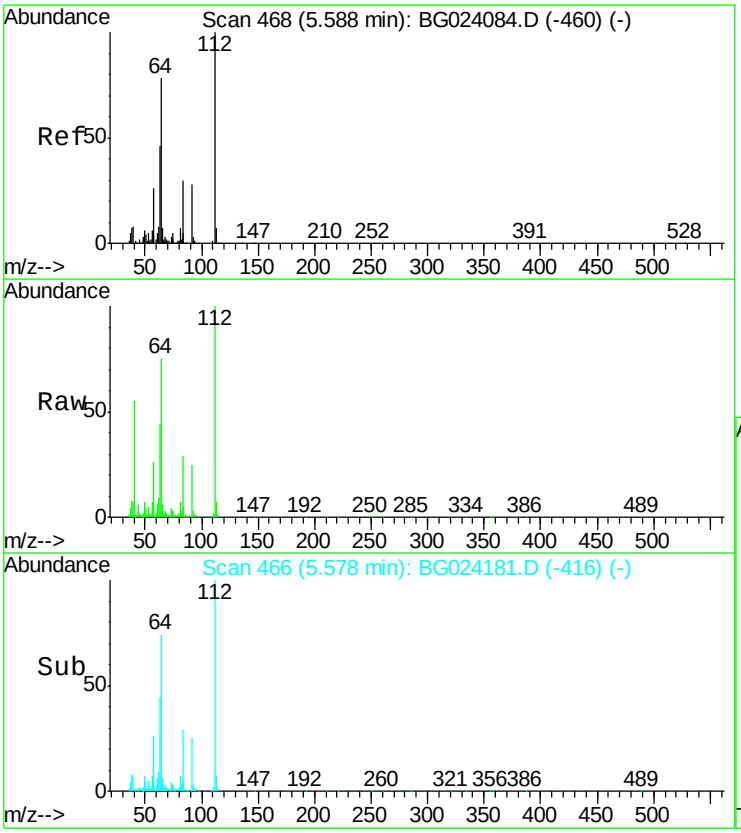
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Instrument :
BNA_G
ClientSampleId :
WC-AREA-CD-09272016

Tgt Ion:152 Resp: 36367

Ion	Ratio	Lower	Upper
152	100		
150	154.2	144.7	217.1
115	62.3	64.0	96.0#

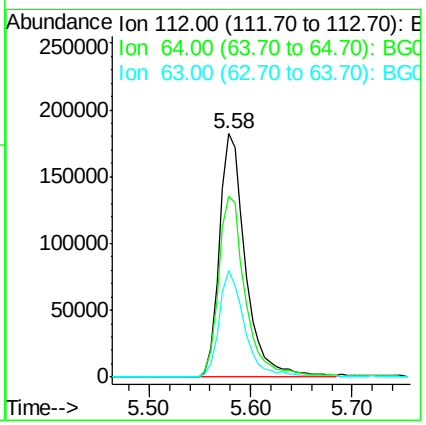


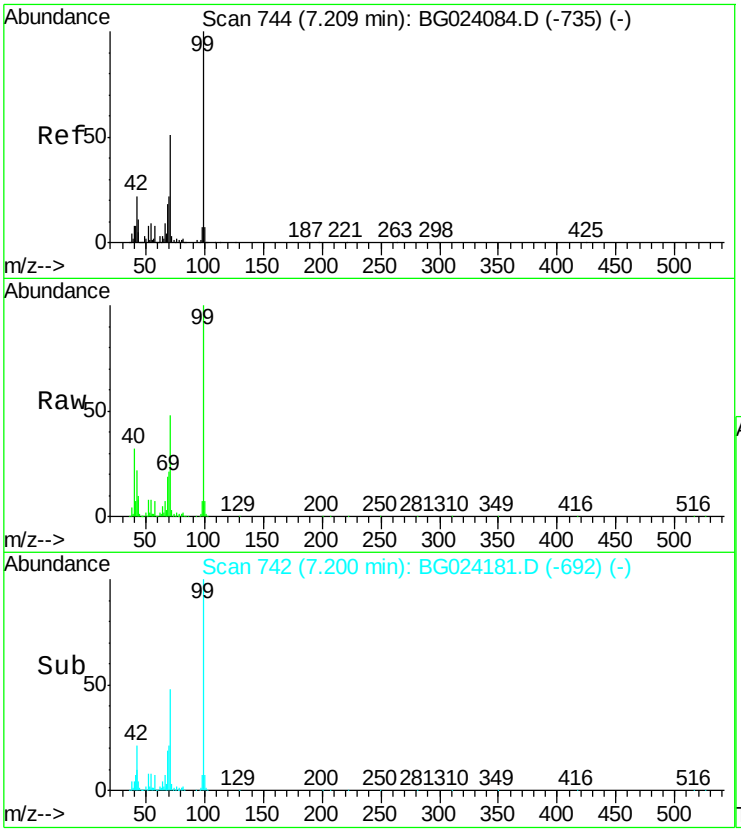


#5
2-Fluorophenol
Concen: 155.23 ng
RT: 5.58 min Scan# 466
Delta R.T. -0.01 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Tgt Ion:112 Resp: 325857

Ion	Ratio	Lower	Upper
112	100		
64	74.5	59.0	88.4
63	43.6	37.8	56.8



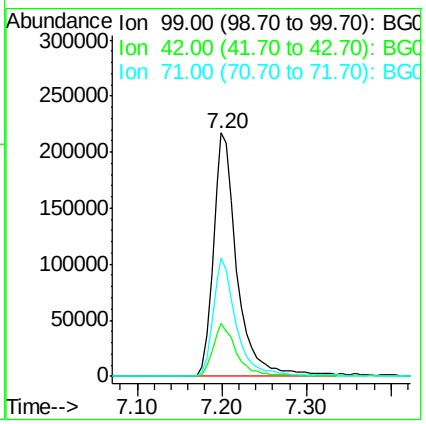


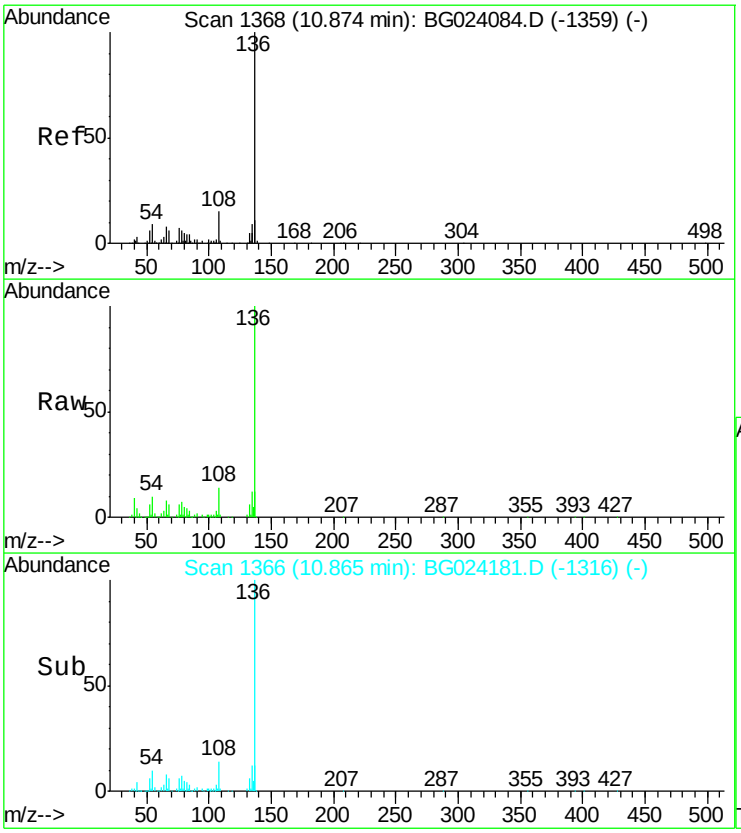
#7
Phenol-d6
Concen: 120.16 ng
RT: 7.20 min Scan# 742
Delta R.T. -0.01 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Instrument :
BNA_G
ClientSampleId :
WC-AREA-CD-09272016

Tgt Ion: 99 Resp: 424430

Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.8	26.6
71	48.4	41.5	62.3

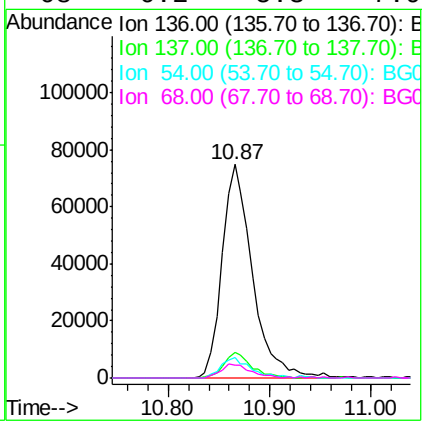


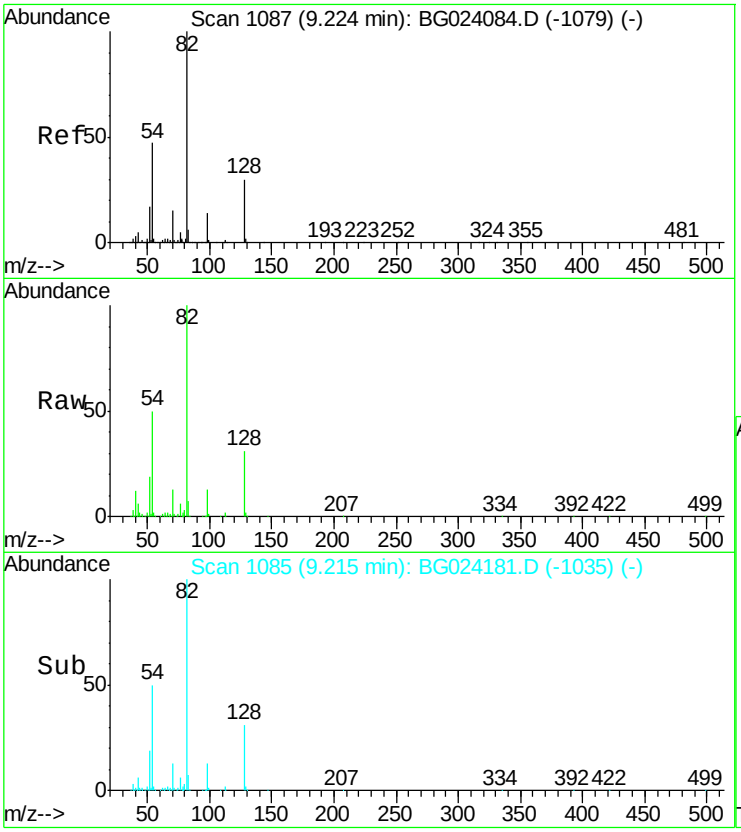


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Tgt Ion:136 Resp: 155115

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.5	7.3	10.9
68	6.2	5.3	7.9



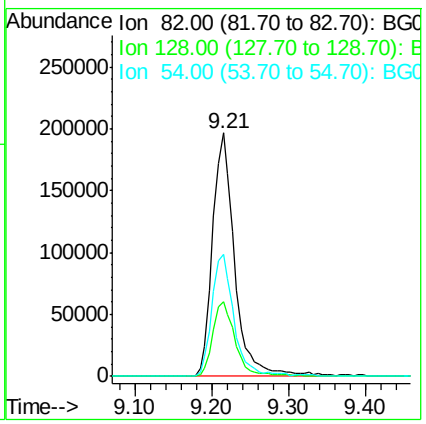


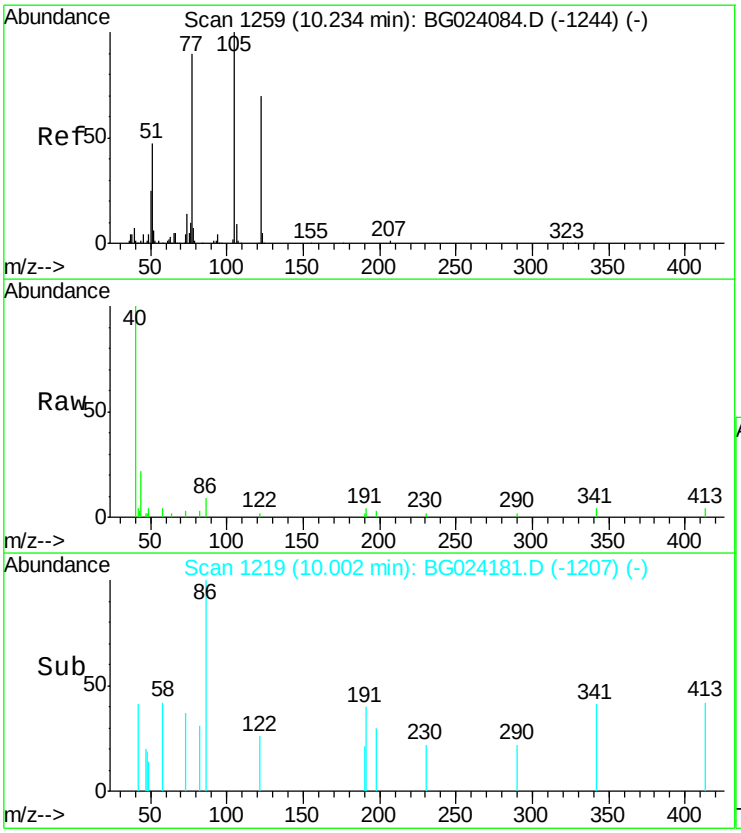
#23
Nitrobenzene-d5
Concen: 98.65 ng
RT: 9.21 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Instrument :
BNA_G
ClientSampleId :
WC-AREA-CD-09272016

Tgt Ion: 82 Resp: 388267

Ion	Ratio	Lower	Upper
82	100		
128	30.9	24.4	36.6
54	50.0	41.4	62.0

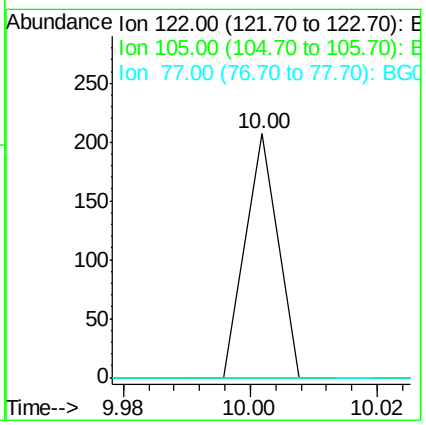


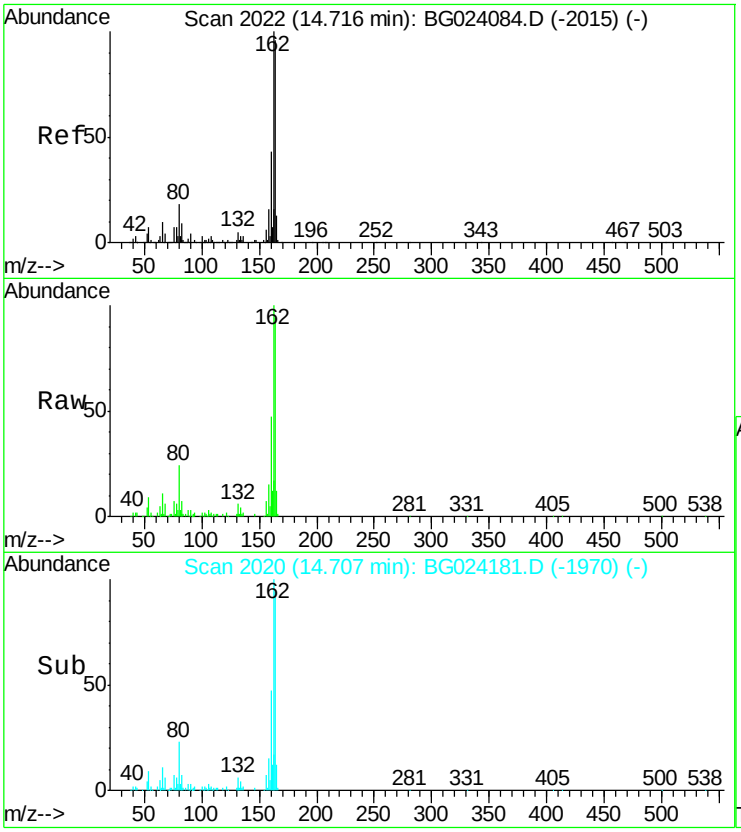


#32
Benzoic acid
Concen: 2.19 ng
RT: 10.00 min Scan# 1219
Delta R.T. -0.23 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Tgt Ion:122 Resp: 73

Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#



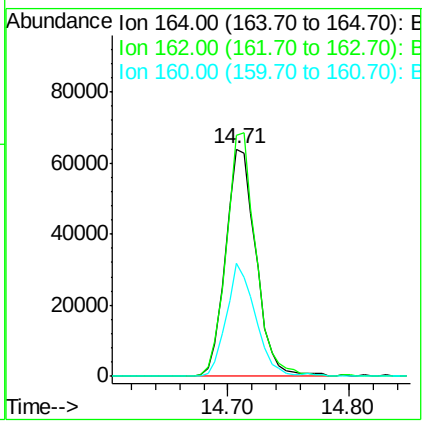


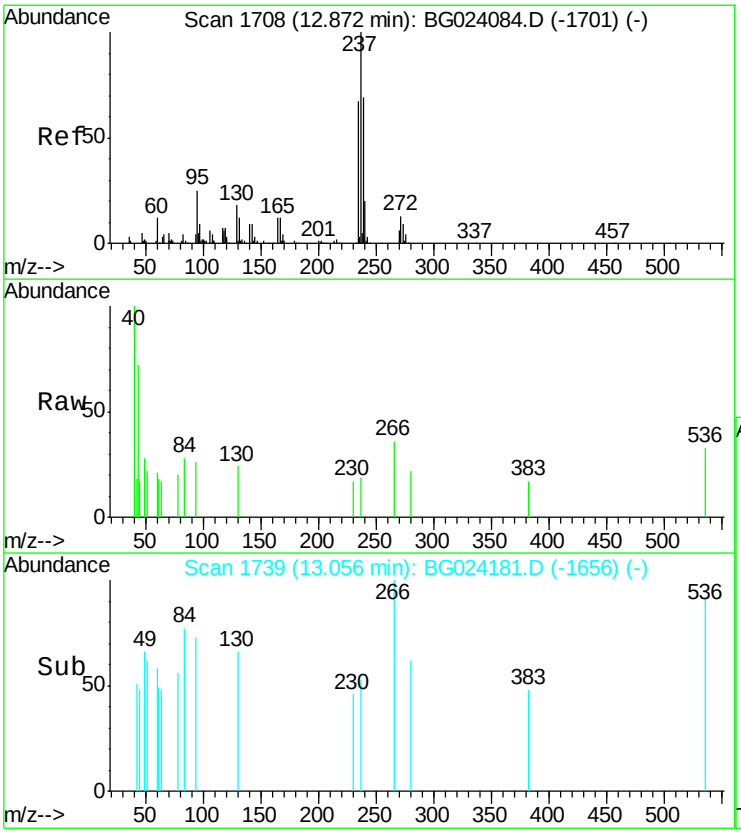
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Instrument :
BNA_G
ClientSampleId :
WC-AREA-CD-09272016

Tgt Ion:164 Resp: 111712

Ion	Ratio	Lower	Upper
164	100		
162	105.8	87.7	131.5
160	49.9	37.2	55.8

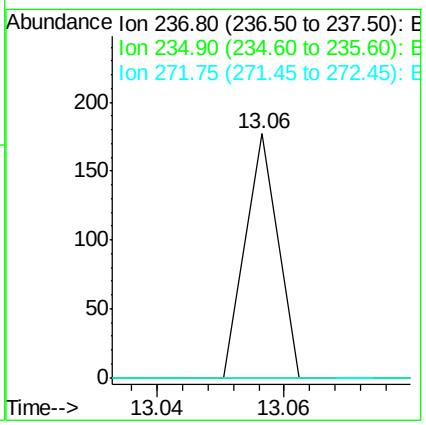


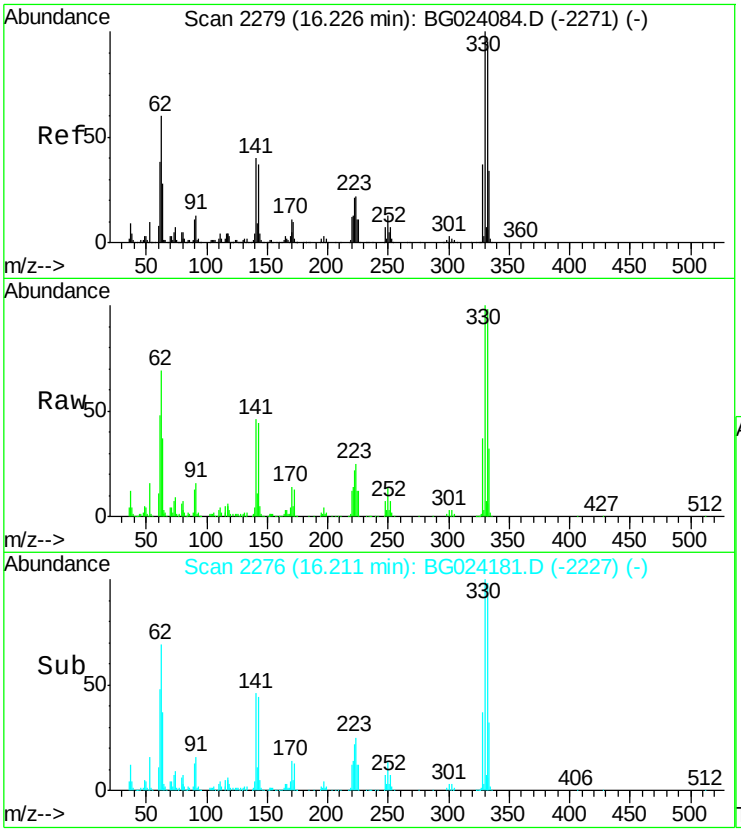


#40
Hexachlorocyclopentadiene
Concen: 3.63 ng
RT: 13.06 min Scan# 1739
Delta R.T. 0.19 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Tgt Ion:237 Resp: 62

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



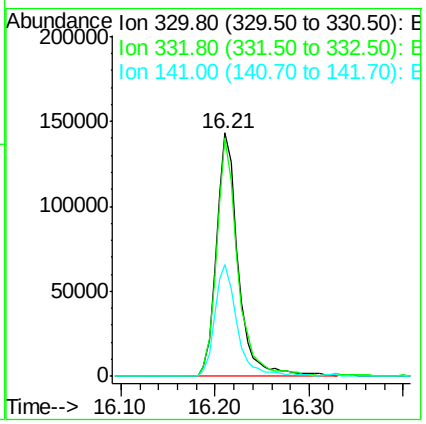


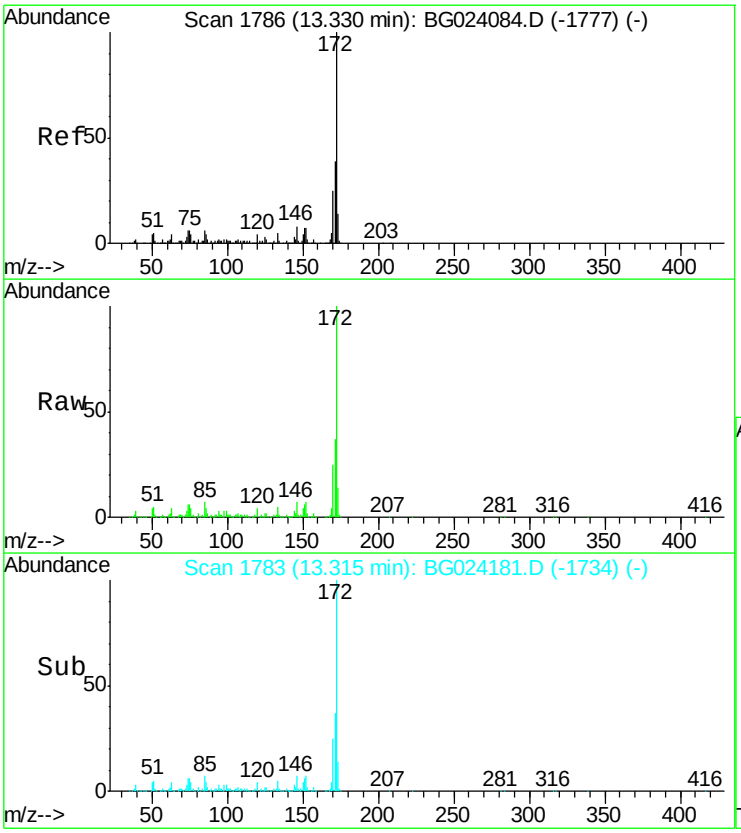
#41
2,4,6-Tribromophenol
Concen: 144.37 ng
RT: 16.21 min Scan# 2276
Delta R.T. -0.02 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Instrument :
BNA_G
ClientSampleId :
WC-AREA-CD-09272016

Tgt Ion:330 Resp: 231829

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	47.2	31.7	47.5

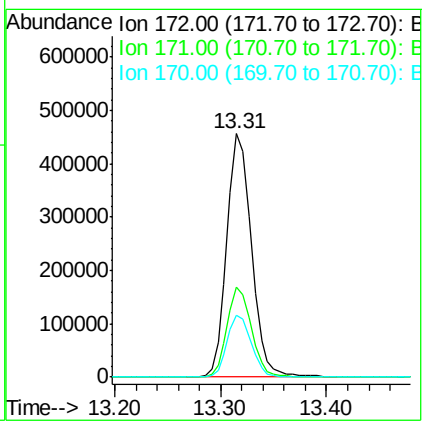


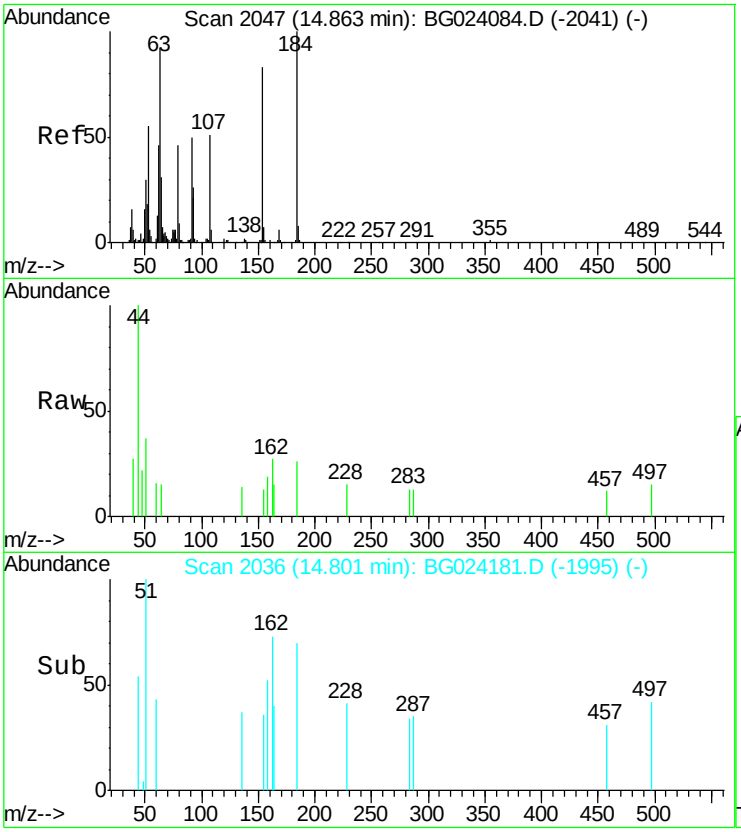


#44
2-Fluorobiphenyl
Concen: 110.73 ng
RT: 13.31 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Tgt Ion:172 Resp: 735870

Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.6	47.4
170	25.5	21.3	31.9



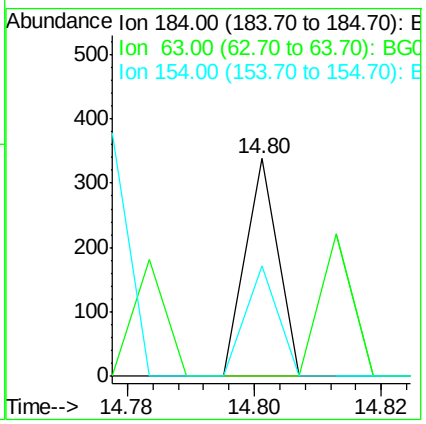


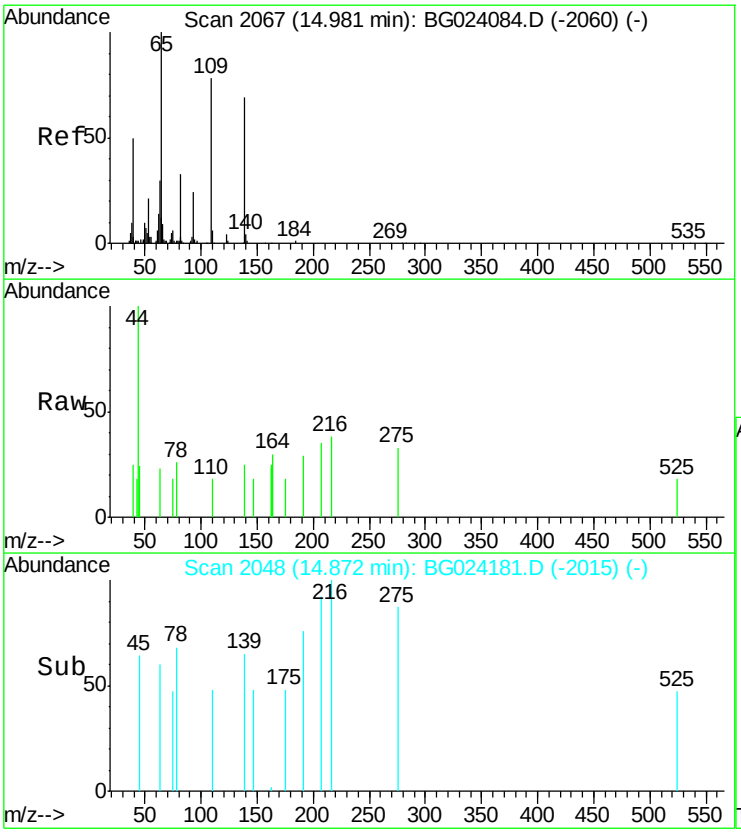
#53
2,4-Dinitrophenol
Concen: 2.57 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.06 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Instrument :
BNA_G
ClientSampleId :
WC-AREA-CD-09272016

Tgt Ion:184 Resp: 119

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	50.6	67.4	101.0#

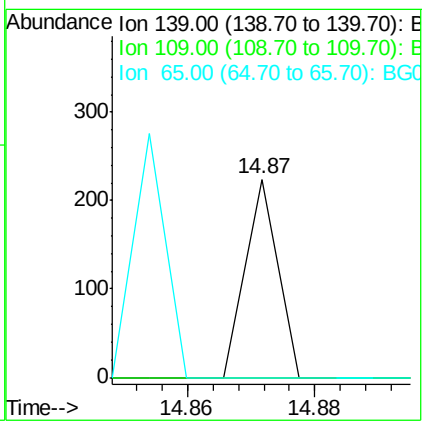


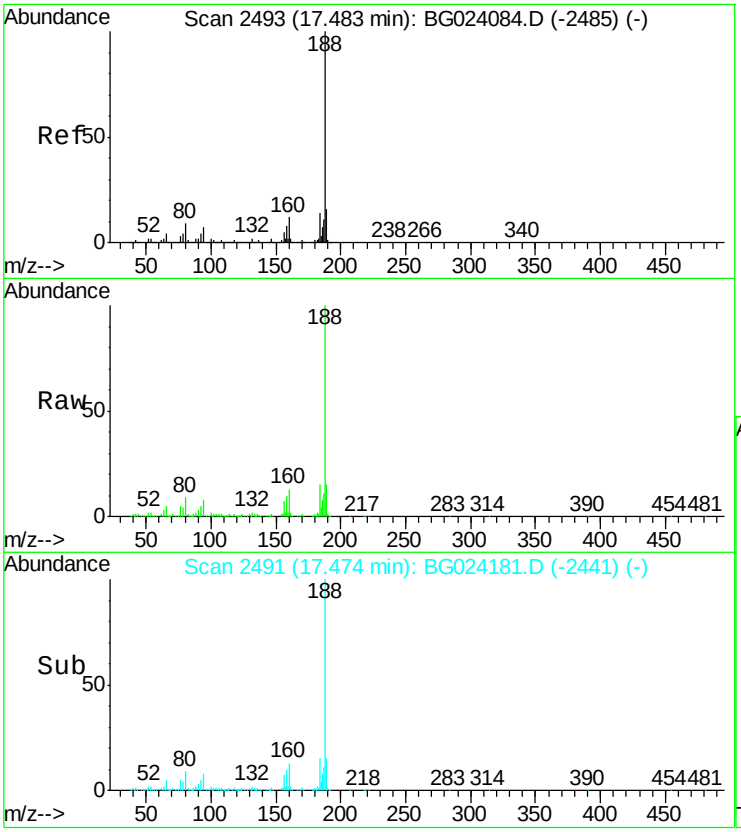


#55
4-Nitrophenol
Concen: 5.40 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.11 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Tgt Ion:139 Resp: 79

Ion	Ratio	Lower	Upper
139	100		
109	0.0	103.0	143.0#
65	0.0	112.7	152.7#



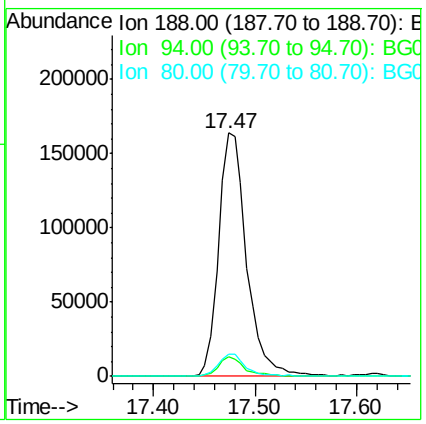


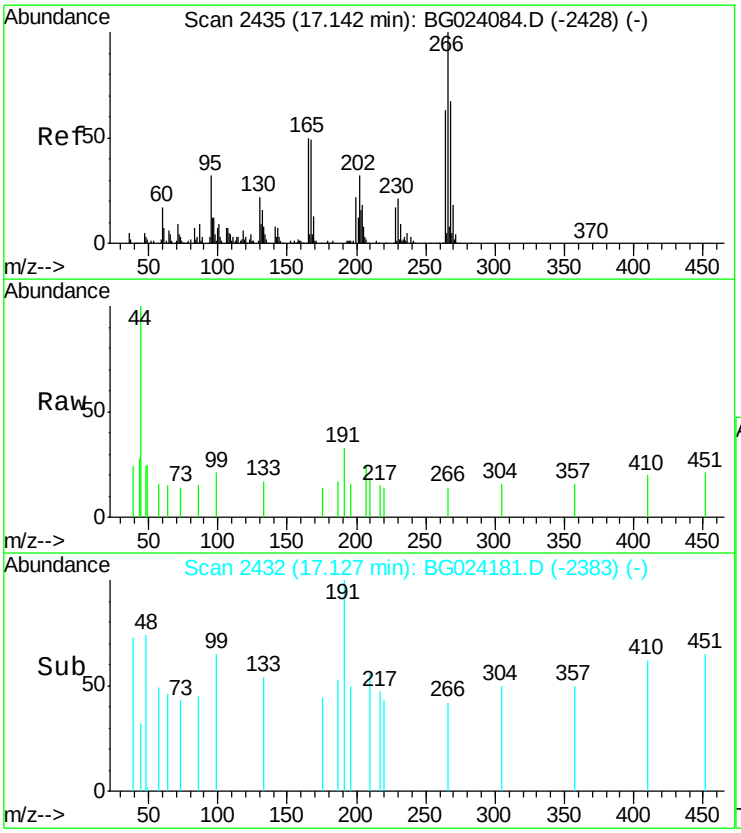
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2491
Delta R.T. -0.01 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Instrument :
BNA_G
ClientSampleId :
WC-AREA-CD-09272016

Tgt Ion:188 Resp: 314108

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.2	7.8#
80	8.9	7.2	10.8

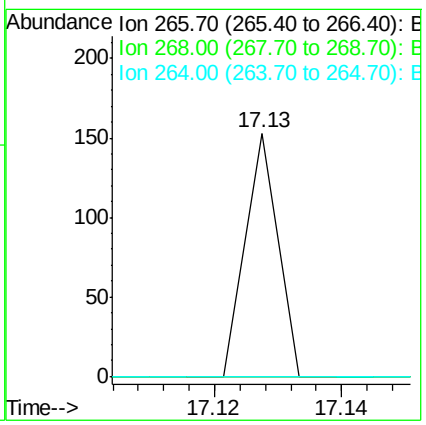


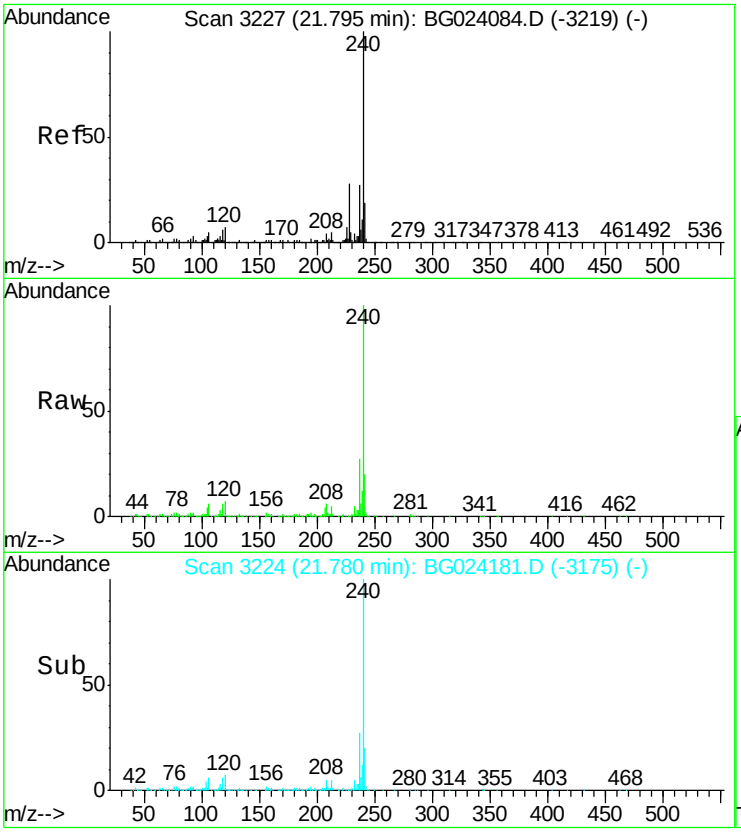


#69
Pentachlorophenol
Concen: 3.59 ng
RT: 17.13 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Tgt Ion:266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.9	77.9#
264	0.0	50.6	75.8#



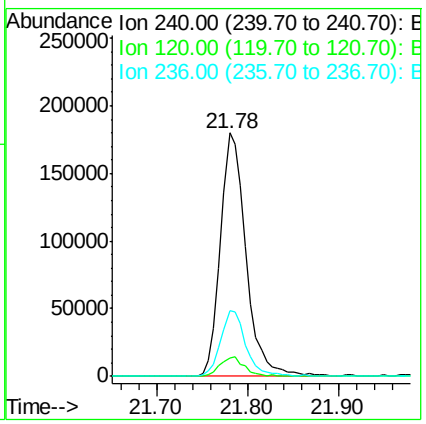


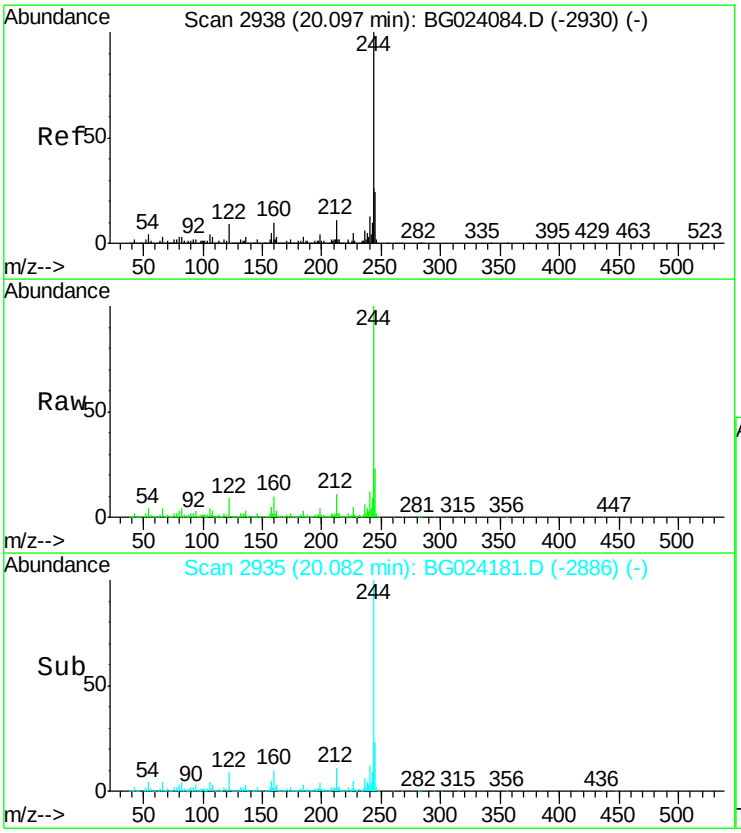
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3224
Delta R.T. -0.02 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Instrument :
BNA_G
ClientSampleId :
WC-AREA-CD-09272016

Tgt Ion:240 Resp: 352634

Ion	Ratio	Lower	Upper
240	100		
120	7.5	4.1	6.1#
236	27.0	21.1	31.7

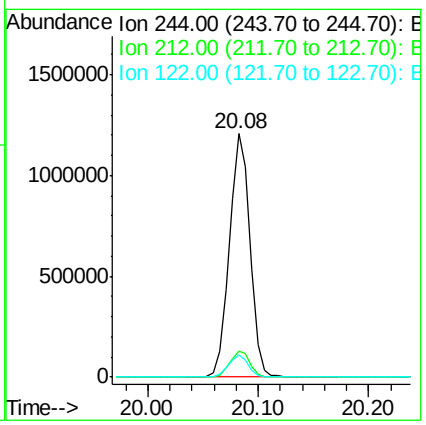


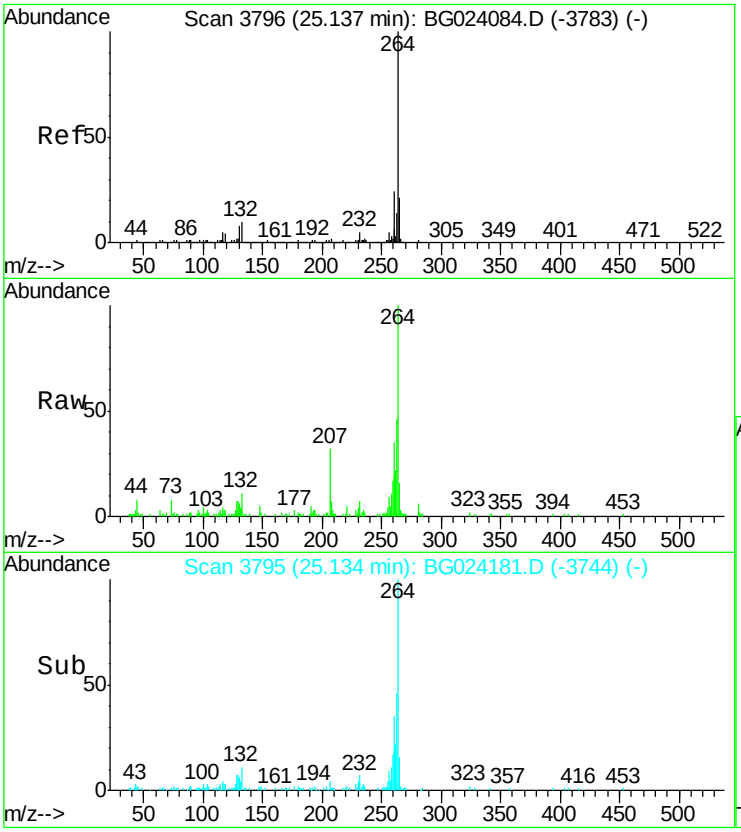


#78
Terphenyl-d14
Concen: 92.16 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.02 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Tgt Ion:244 Resp: 1587161

Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.8	16.2#
122	9.0	8.0	12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3795
Delta R.T. -0.00 min
Lab File: BG024181.D
Acq: 1 Oct 2016 5:07

Instrument :
BNA_G
ClientSampleId :
WC-AREA-CD-09272016

Tgt Ion:264 Resp: 70736

Ion	Ratio	Lower	Upper
264	100		
260	34.6	18.4	27.6#
265	15.5	18.9	28.3#