Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG093016\
Data File : BG024184.D
Acq On : 1 Oct 2016 7:02
Operator : UM/SJ
Sample : H5023-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-AREA-B-2-09272016

Quant Time: Oct 03 00:55:32 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	8.04	152	33857	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	143128	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	108767	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	296631	20.00	ng	0.00
75) Chrysene-d12	21.78	240	364353	20.00	ng	-0.01
86) Perylene-d12	25.11	264	343482	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	314921	161.15	ng	0.00
7) Phenol-d6	7.20	99	422058	128.35	ng	0.00
23) Nitrobenzene-d5	9.21	82	347981	95.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	221061	141.40	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	672546	103.94	ng	-0.01
78) Terphenyl-d14	20.08	244	1483479	83.37	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	8.35	79	6387	2.01	ng	# 65
32) Benzoic acid	10.26	122	61	2.19	ng	# 1
40) Hexachlorocyclopentadiene	12.72	237	86	3.66	ng	# 26
53) 2,4-Dinitrophenol	14.85	184	67	2.52	ng	# 10
55) 4-Nitrophenol	14.95	139	138	5.44	ng	# 1
69) Pentachlorophenol	17.01	266	76	3.60	ng	# 18
76) Benzidine	19.72	184	157529	15.27	ng	97

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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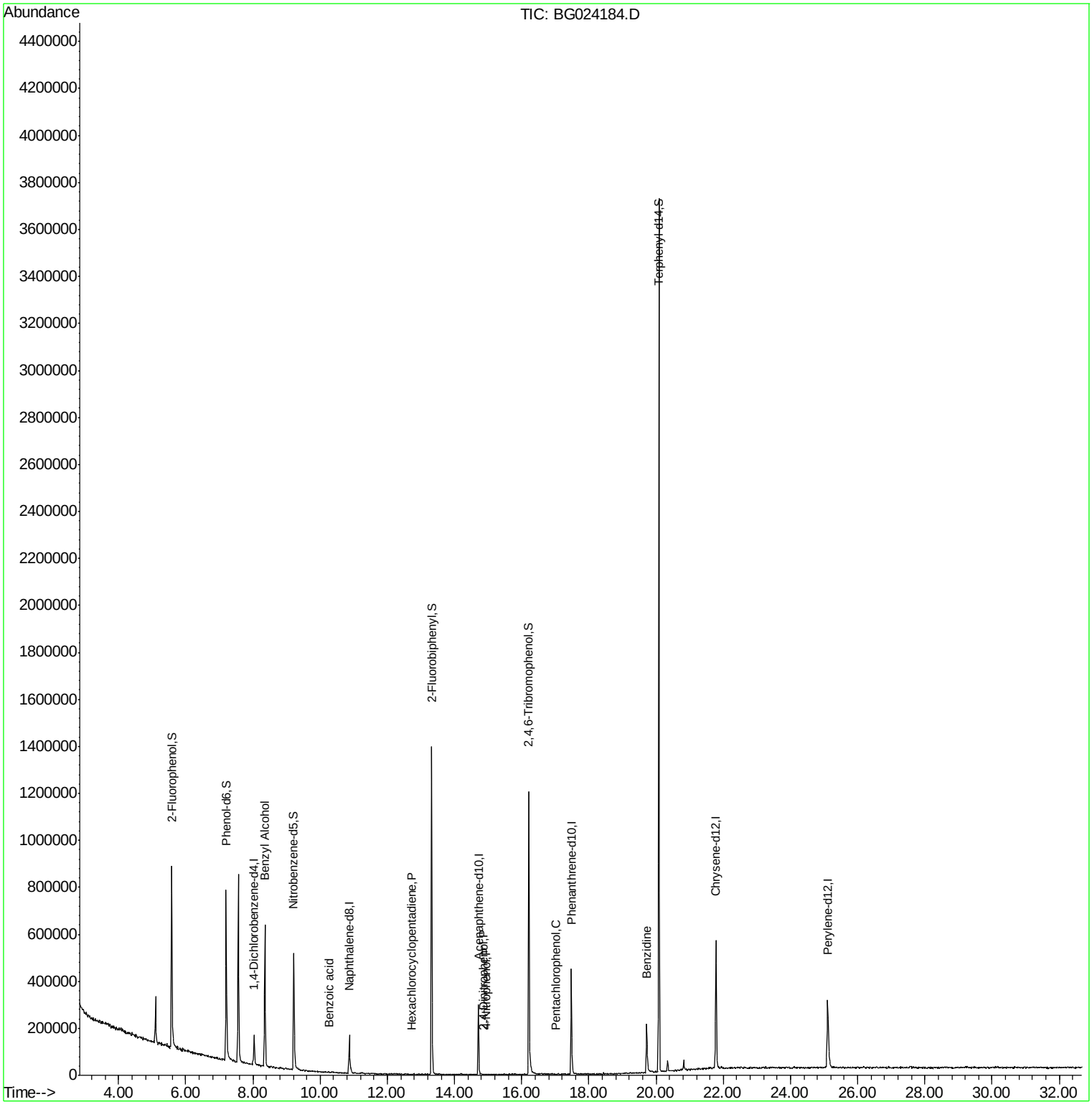
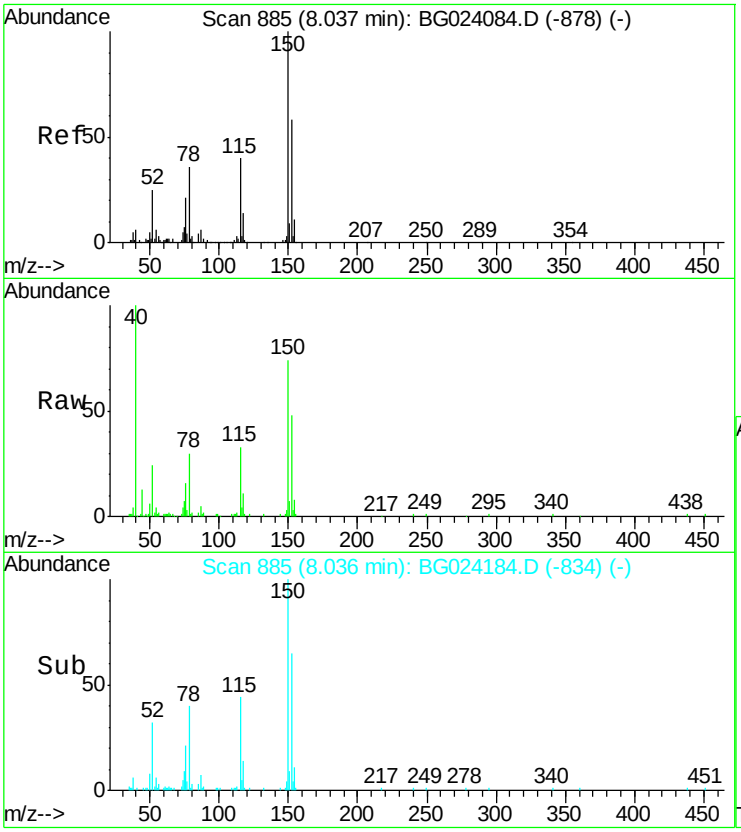


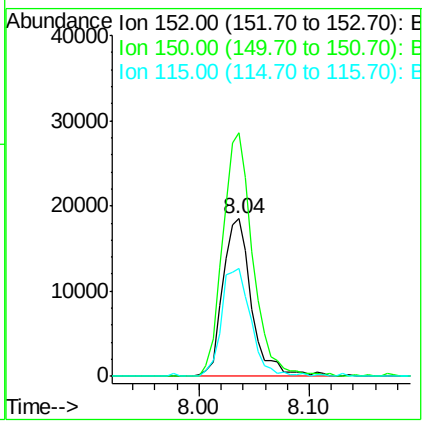


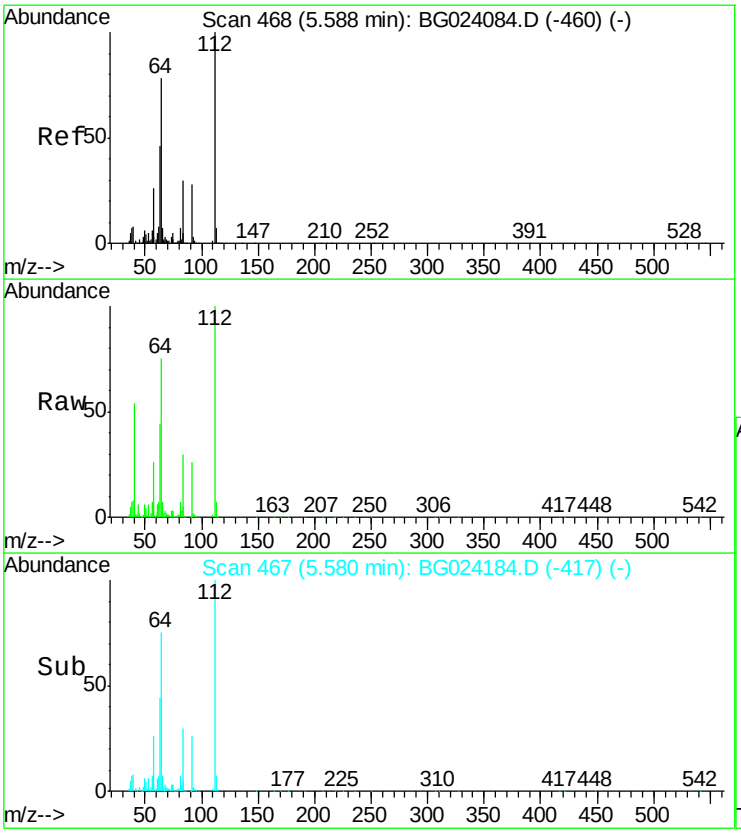
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

Tgt Ion:152 Resp: 33857

Ion	Ratio	Lower	Upper
152	100		
150	154.8	144.7	217.1
115	68.4	64.0	96.0

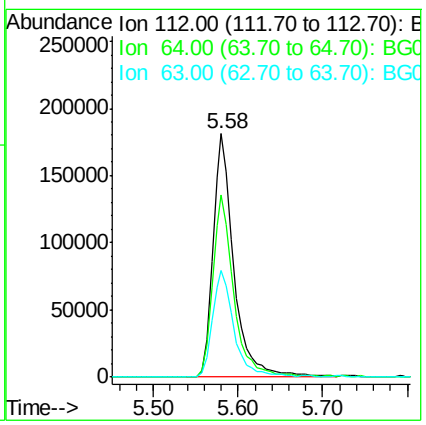


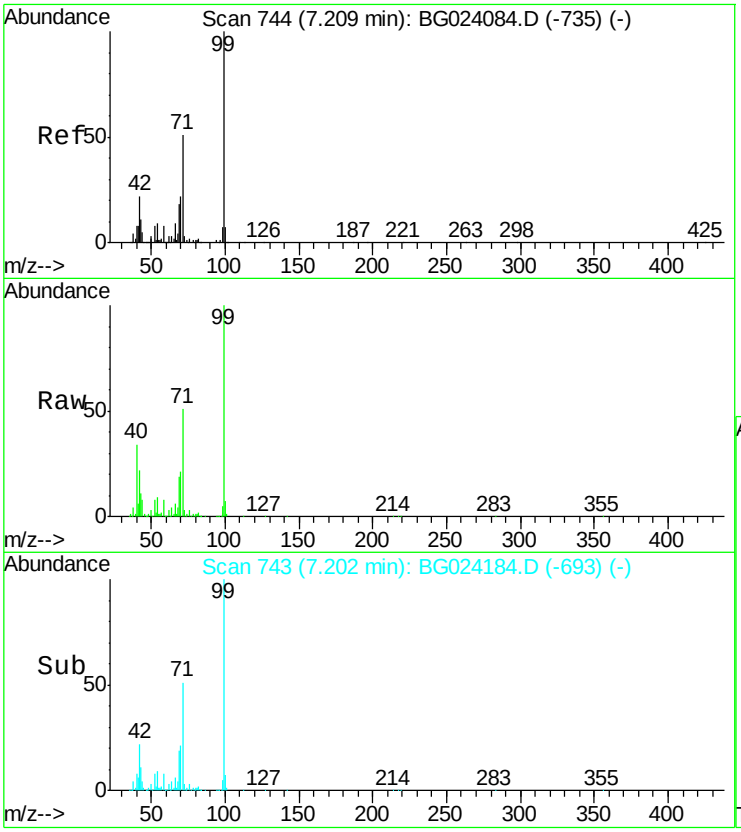


#5
2-Fluorophenol
Concen: 161.15 ng
RT: 5.58 min Scan# 467
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Tgt Ion:112 Resp: 314921

Ion	Ratio	Lower	Upper
112	100		
64	74.8	59.0	88.4
63	43.7	37.8	56.8



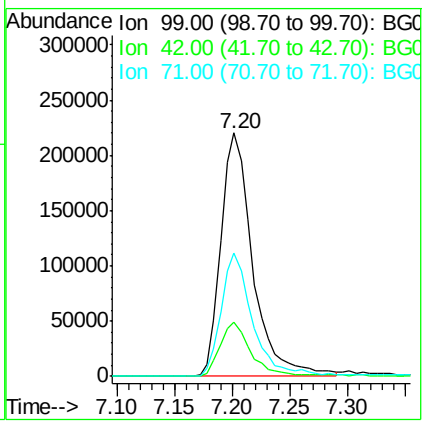


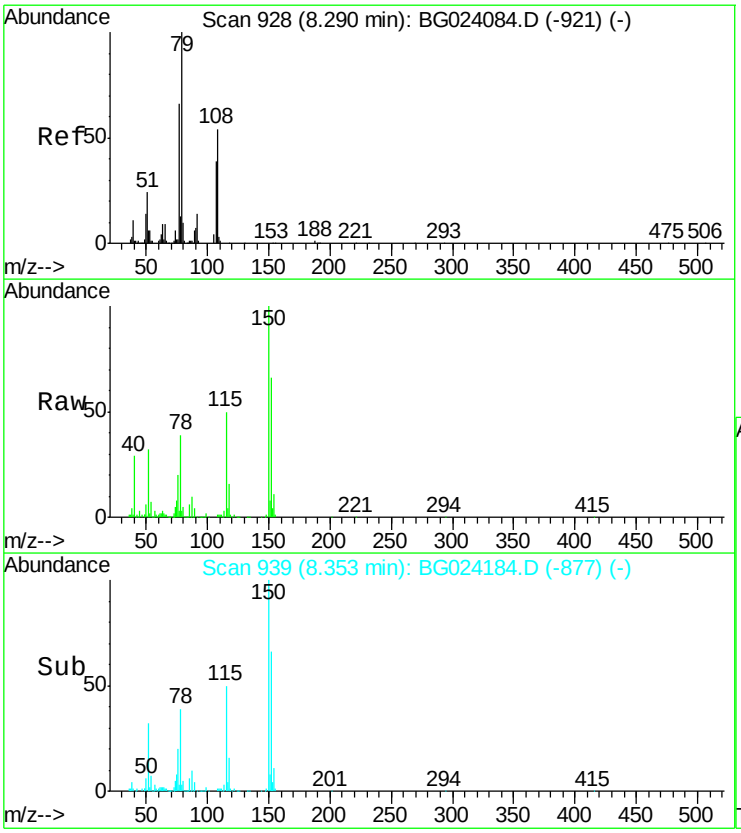
#7
Phenol-d6
Concen: 128.35 ng
RT: 7.20 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

Tgt Ion: 99 Resp: 422058

Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.8	26.6
71	50.6	41.5	62.3

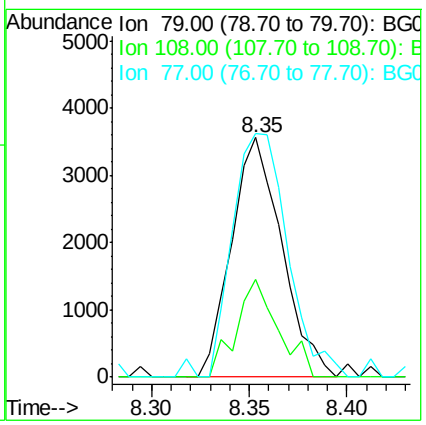


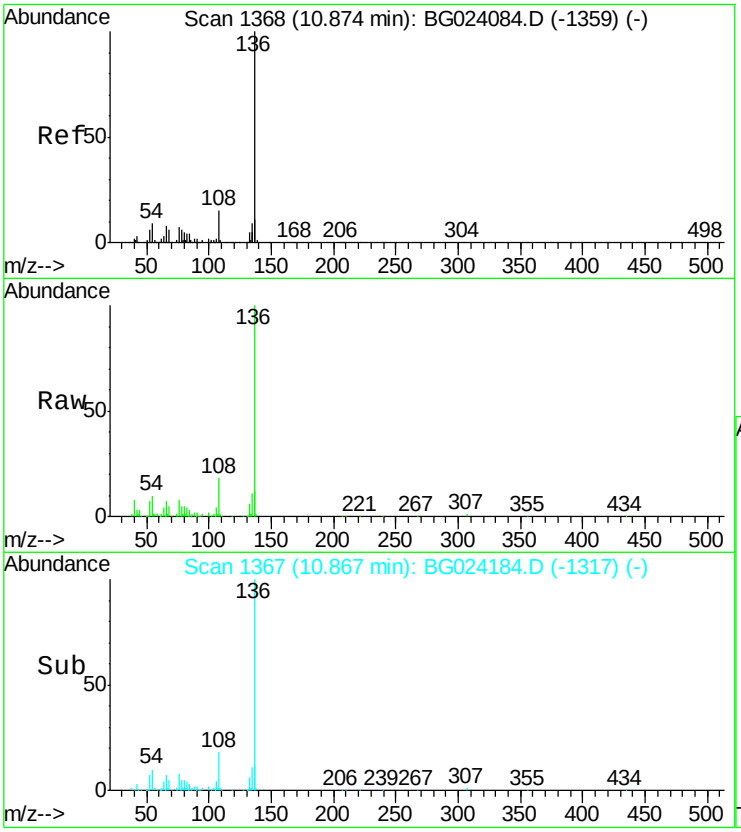


#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 8.35 min Scan# 939
Delta R.T. 0.06 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Tgt Ion: 79 Resp: 6387

Ion	Ratio	Lower	Upper
79	100		
108	41.0	46.5	69.7#
77	101.7	52.3	78.5#



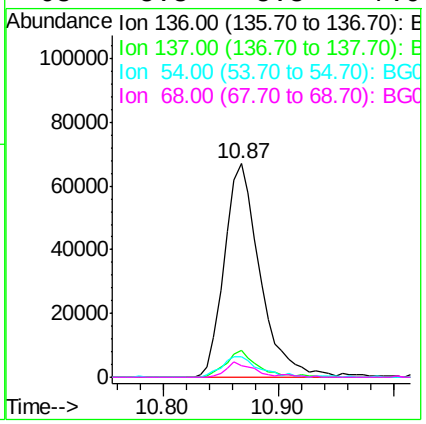


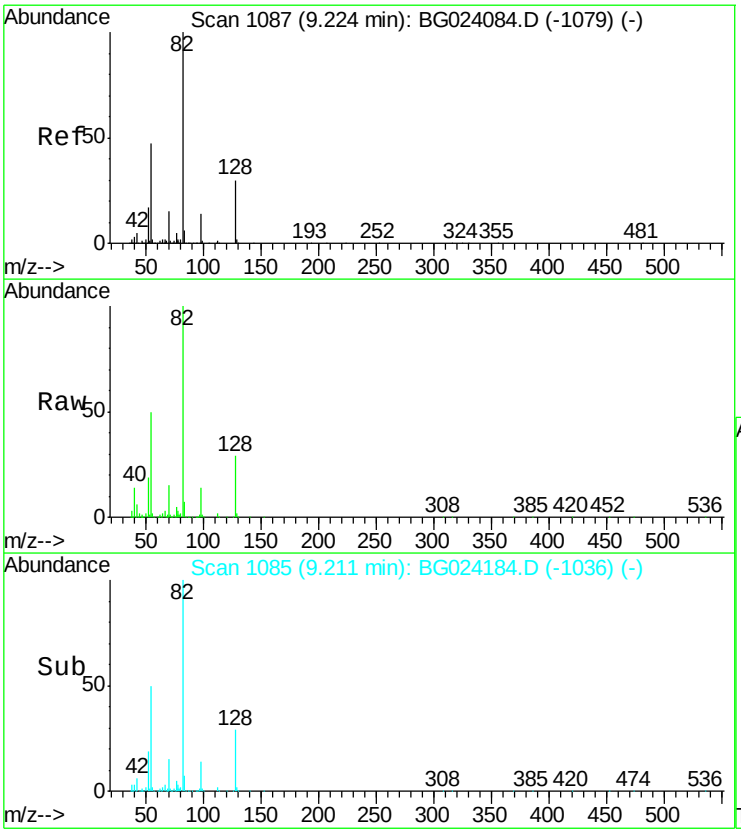
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

Tgt Ion:136 Resp: 143128

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.6	14.4
54	9.5	7.3	10.9
68	5.3	5.3	7.9

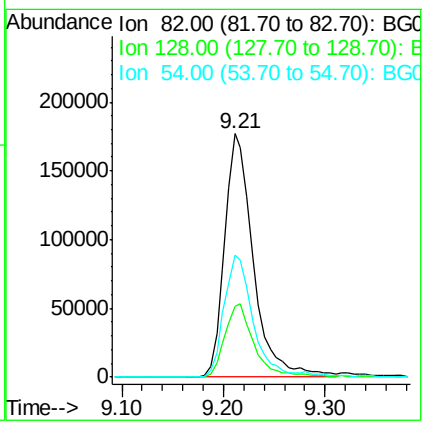


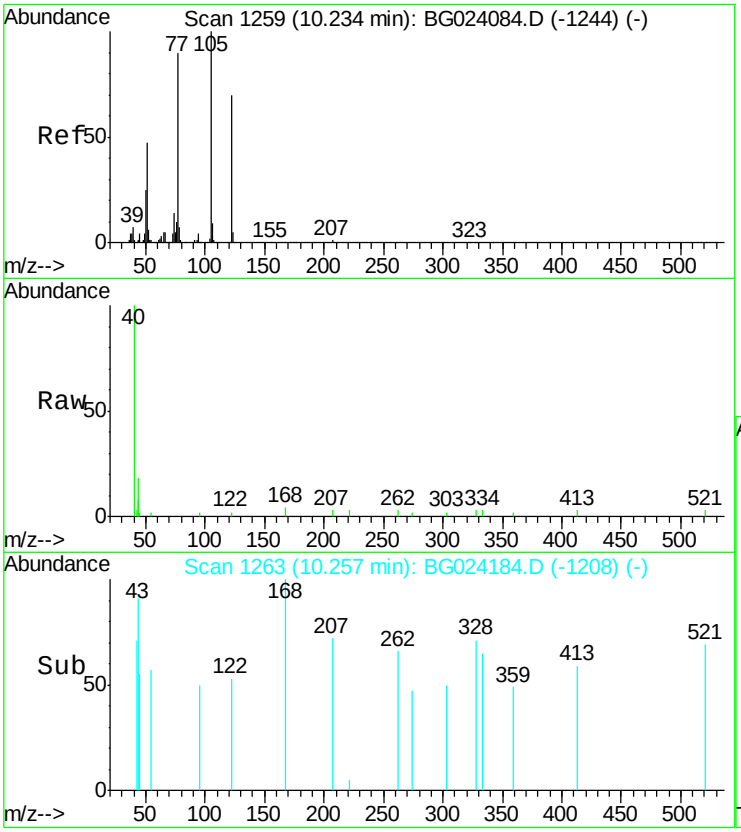


#23
Nitrobenzene-d5
Concen: 95.82 ng
RT: 9.21 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Tgt Ion: 82 Resp: 347981

Ion	Ratio	Lower	Upper
82	100		
128	29.3	24.4	36.6
54	50.0	41.4	62.0



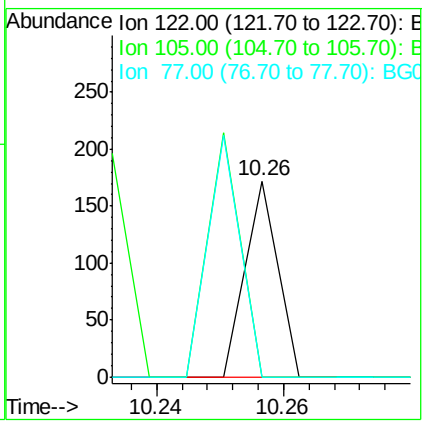


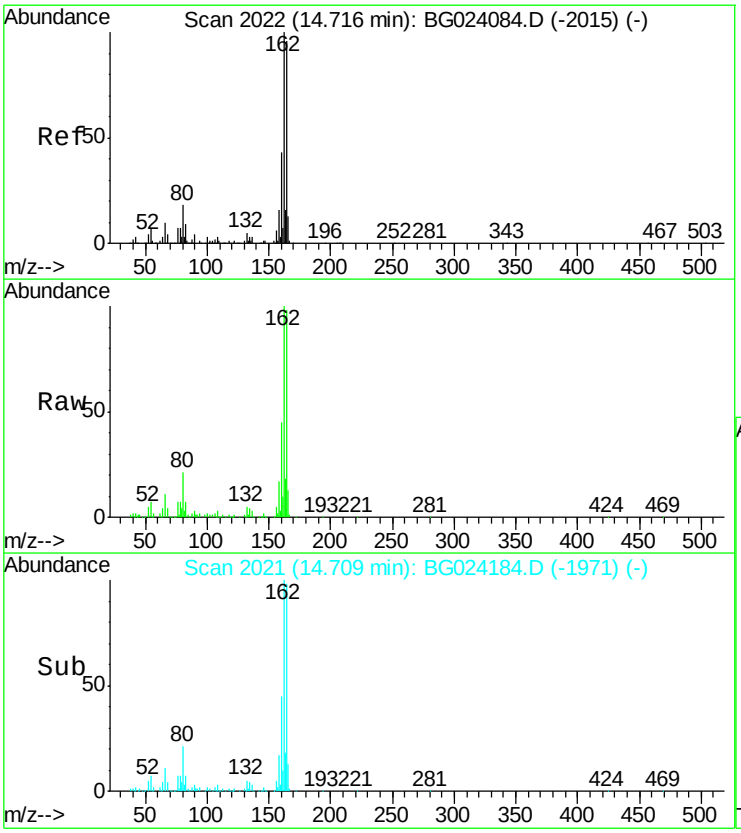
#32
Benzoic acid
Concen: 2.19 ng
RT: 10.26 min Scan# 1263
Delta R.T. 0.02 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

Tgt Ion:122 Resp: 61

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

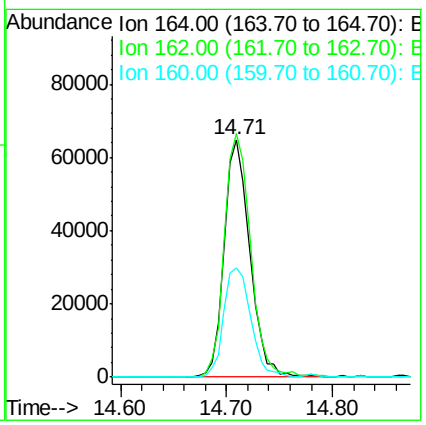


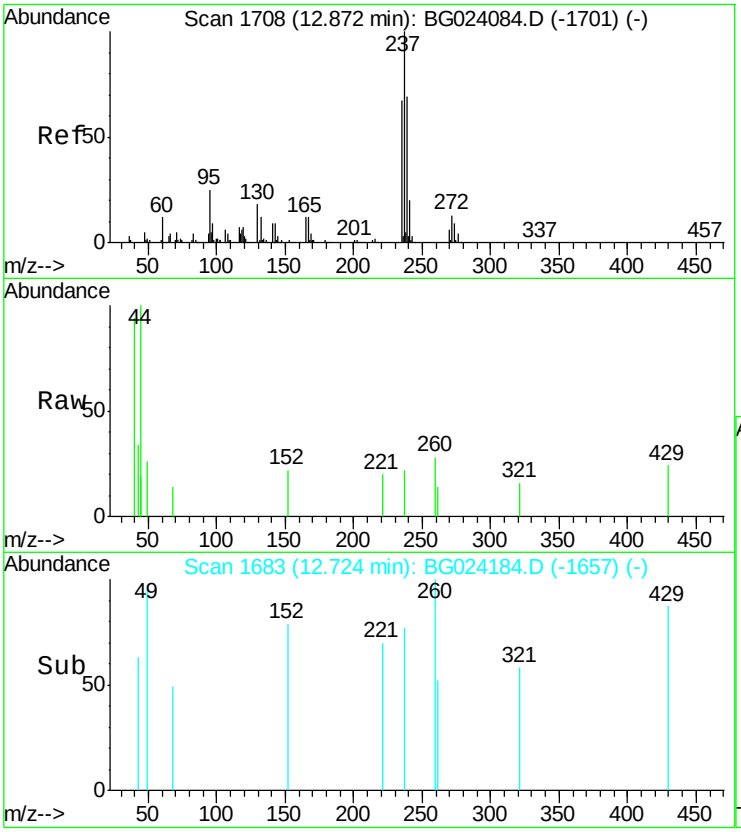


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Tgt Ion:164 Resp: 108767

Ion	Ratio	Lower	Upper
164	100		
162	102.5	87.7	131.5
160	45.9	37.2	55.8



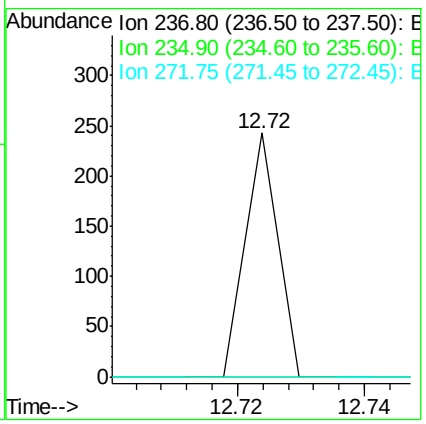


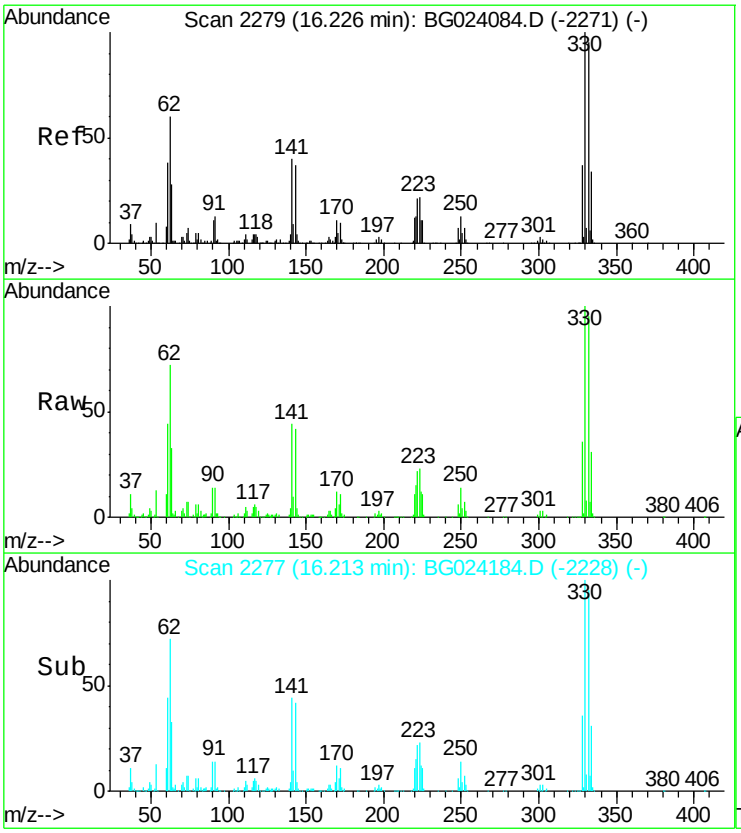
#40
Hexachlorocyclopentadiene
Concen: 3.66 ng
RT: 12.72 min Scan# 1683
Delta R.T. -0.15 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

Tgt Ion:237 Resp: 86

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

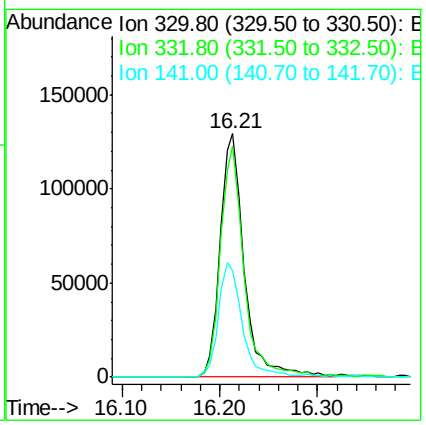


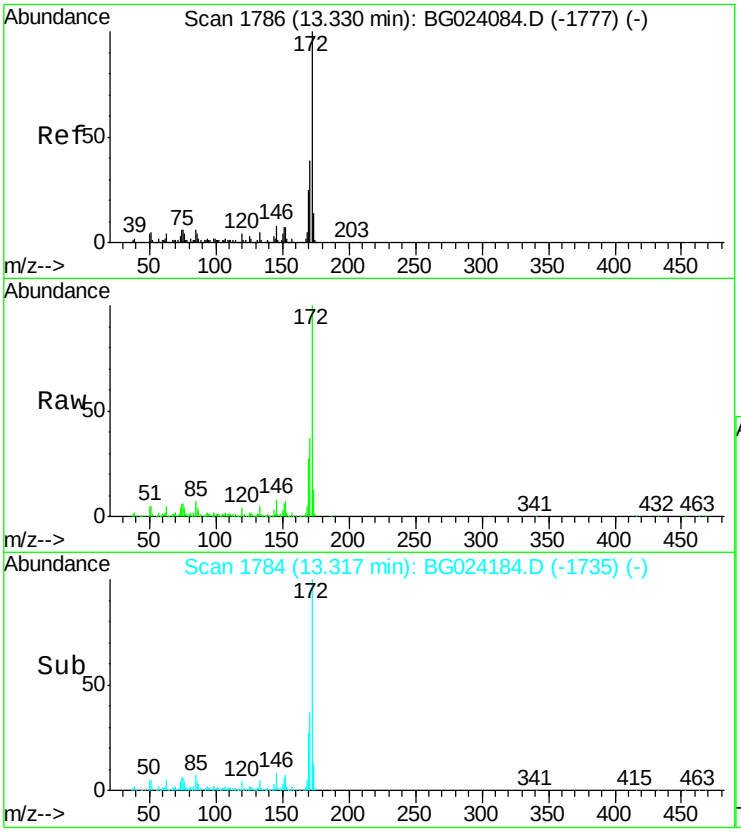


#41
2,4,6-Tribromophenol
Concen: 141.40 ng
RT: 16.21 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Tgt Ion:330 Resp: 221061

Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.4	116.2
141	46.2	31.7	47.5



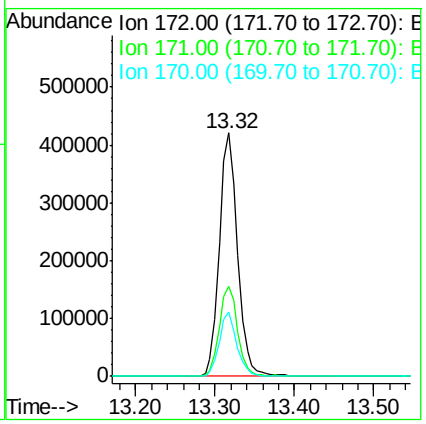


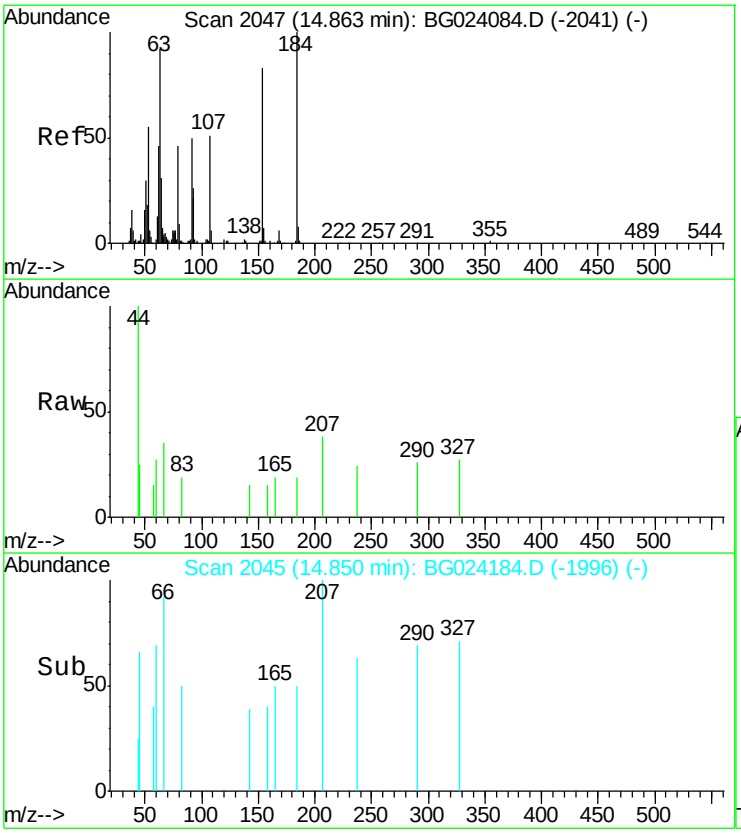
#44
2-Fluorobiphenyl
Concen: 103.94 ng
RT: 13.32 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

Tgt Ion:172 Resp: 672546

Ion	Ratio	Lower	Upper
172	100		
171	36.9	31.6	47.4
170	26.7	21.3	31.9

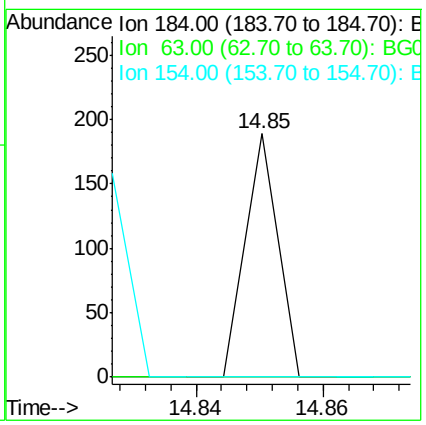


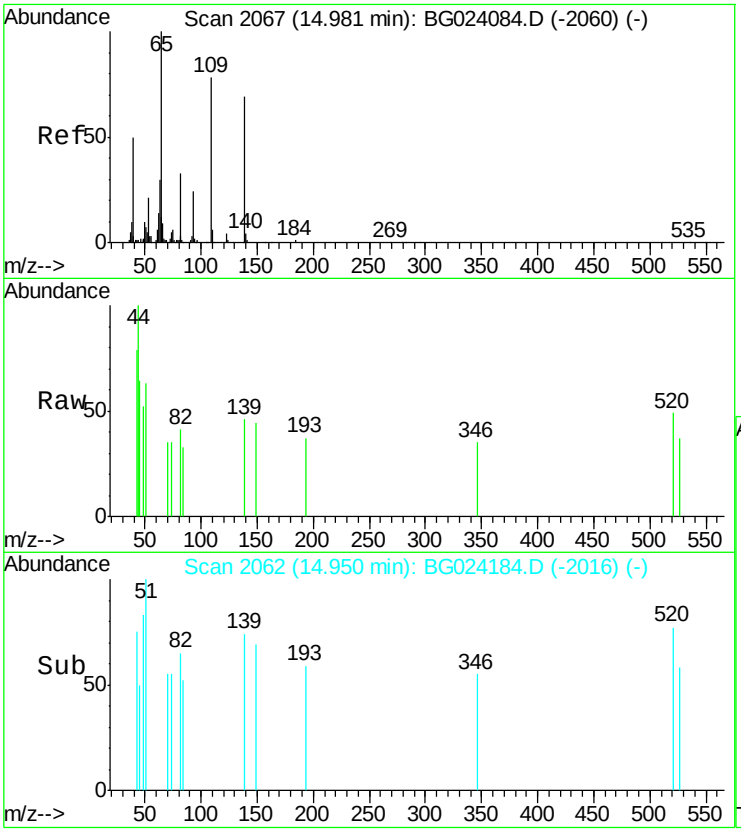


#53
2,4-Dinitrophenol
Concen: 2.52 ng
RT: 14.85 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Tgt Ion:184 Resp: 67

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



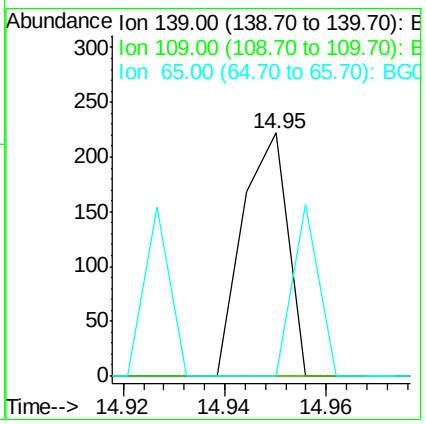


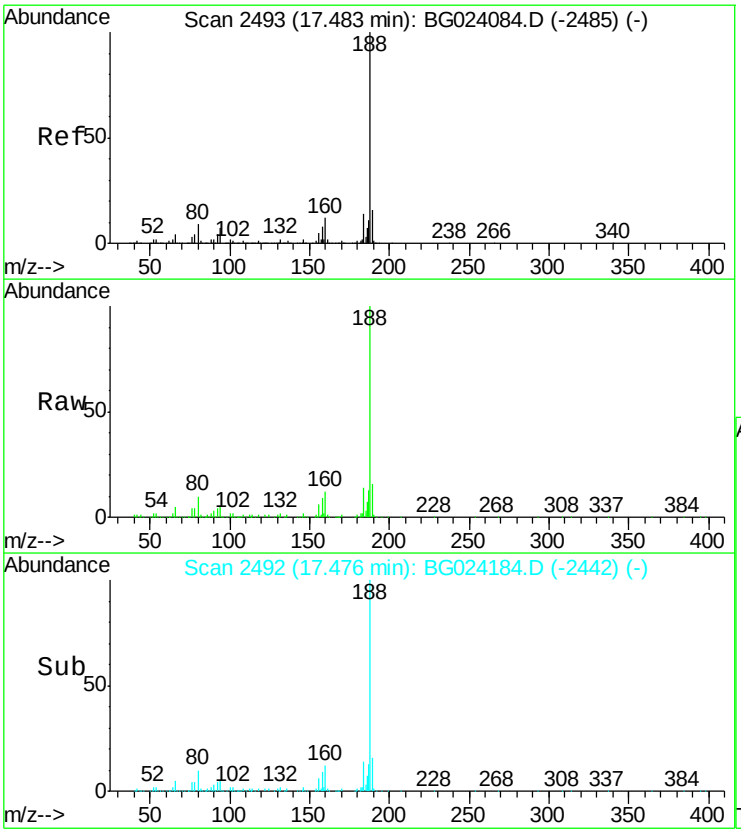
#55
4-Nitrophenol
Concen: 5.44 ng
RT: 14.95 min Scan# 2062
Delta R.T. -0.03 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

Tgt Ion:139 Resp: 138

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

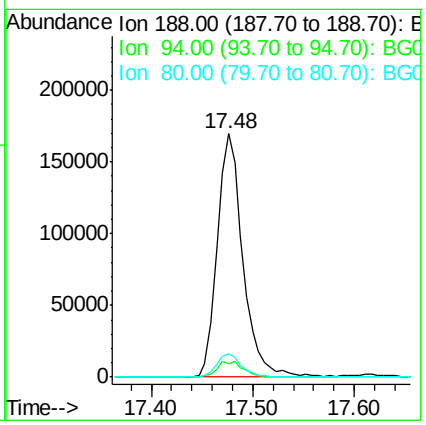


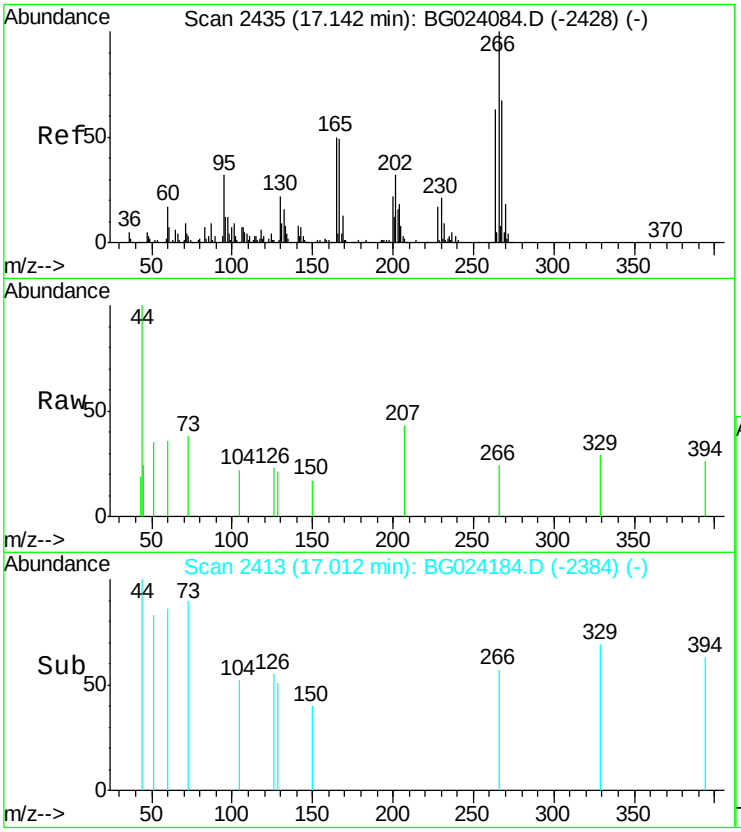


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Tgt Ion:188 Resp: 296631

Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.2	7.8
80	9.8	7.2	10.8



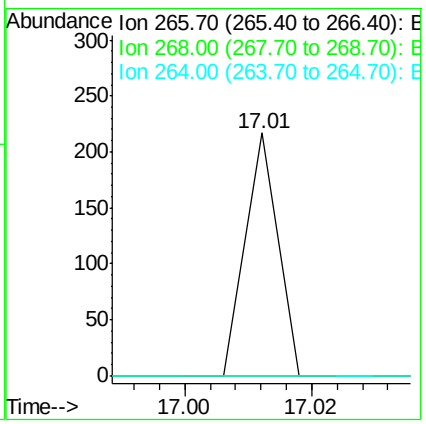


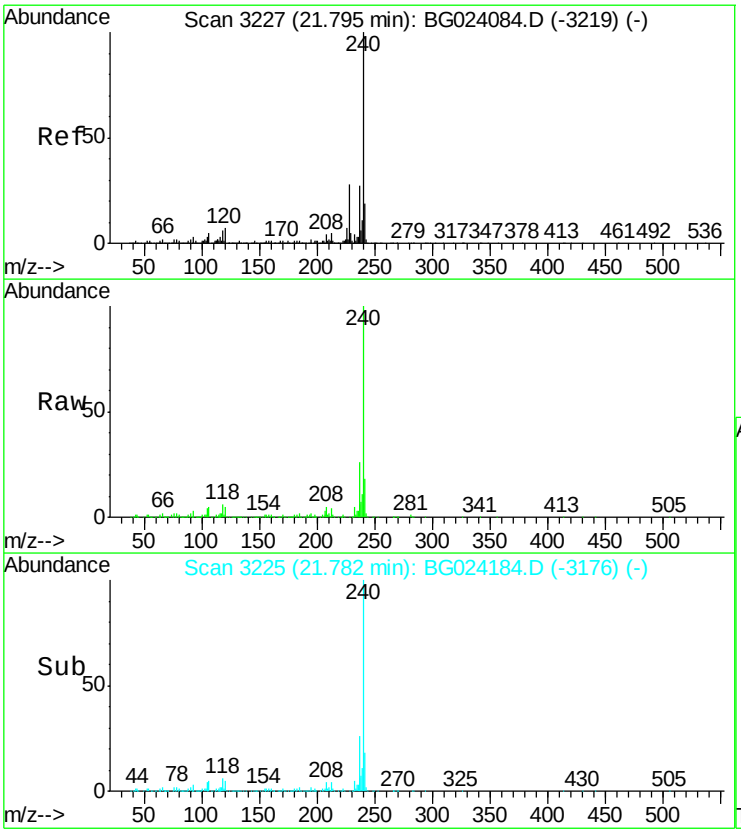
#69
Pentachlorophenol
Concen: 3.60 ng
RT: 17.01 min Scan# 2413
Delta R.T. -0.13 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

Tgt Ion:266 Resp: 76

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

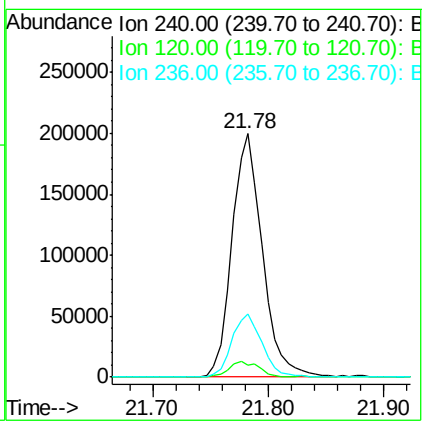


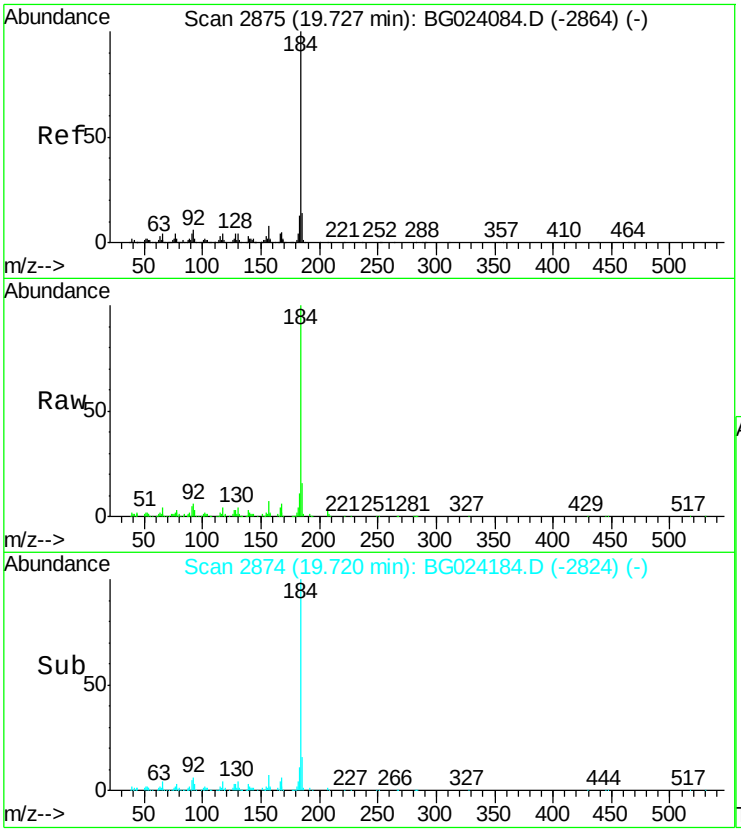


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.78 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Tgt Ion:240 Resp: 364353

Ion	Ratio	Lower	Upper
240	100		
120	5.0	4.1	6.1
236	26.2	21.1	31.7



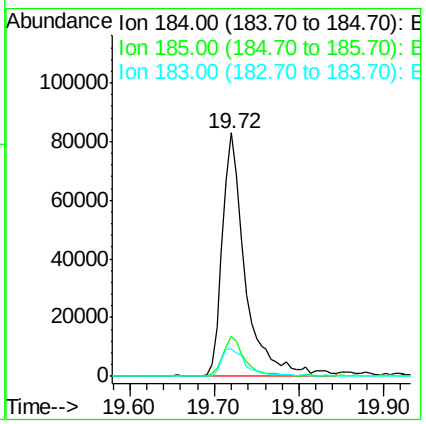


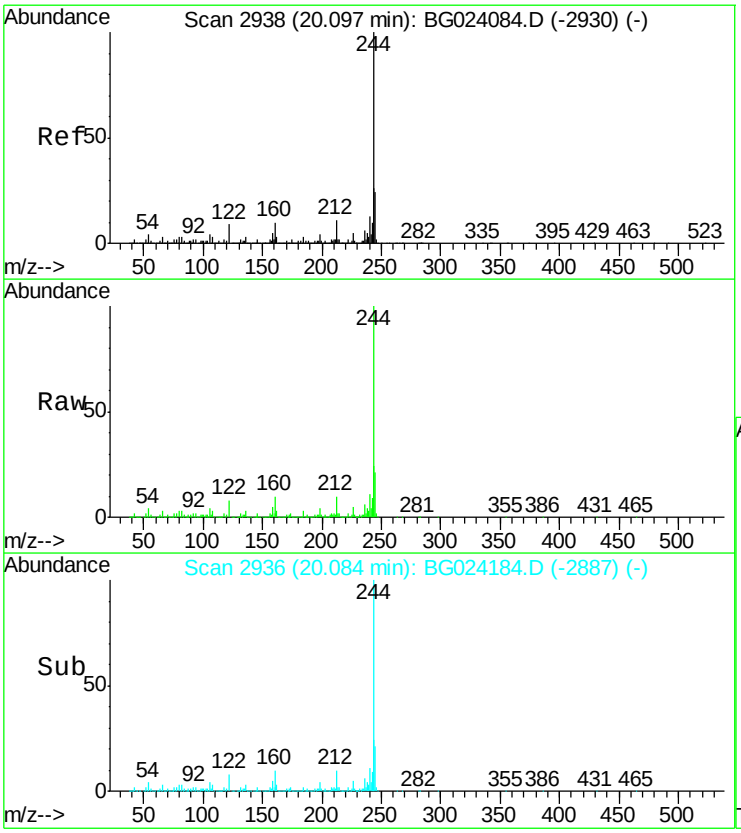
#76
Benzidine
Concen: 15.27 ng
RT: 19.72 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

Tgt Ion:184 Resp: 157529

Ion	Ratio	Lower	Upper
184	100		
185	16.4	12.6	19.0
183	11.4	10.7	16.1

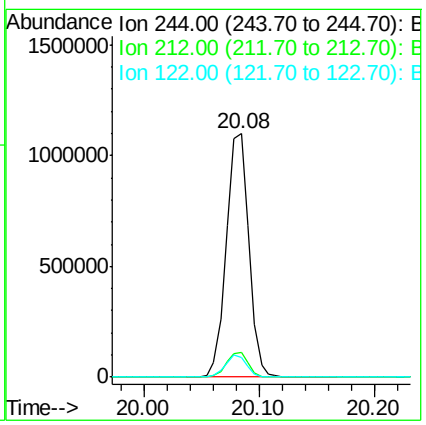


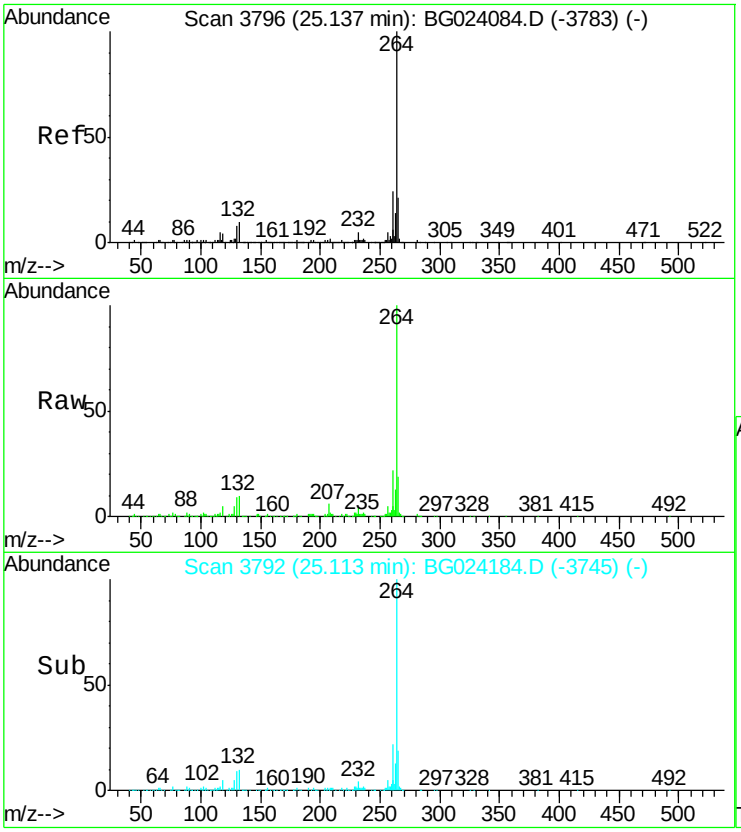


#78
Terphenyl-d14
Concen: 83.37 ng
RT: 20.08 min Scan# 2936
Delta R.T. -0.01 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Tgt Ion:244 Resp: 1483479

Ion	Ratio	Lower	Upper
244	100		
212	10.4	10.8	16.2#
122	7.9	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.11 min Scan# 3792
Delta R.T. -0.02 min
Lab File: BG024184.D
Acq: 1 Oct 2016 7:02

Instrument :
BNA_G
ClientSampleId :
WC-AREA-B-2-09272016

Tgt Ion:264 Resp: 343482

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.4	27.6
265	19.1	18.9	28.3