Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020617\
Data File : BG025819.D
Acq On : 7 Feb 2017 1:59
Operator : SJ/MA
Sample : I1697-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-B23-B24-001

Quant Time: Feb 07 03:11:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76632	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	312227	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	245687	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	567475	20.00	ng	0.00
75) Chrysene-d12	21.82	240	700017	20.00	ng	-0.02
86) Perylene-d12	25.20	264	671846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	626193	146.45	ng	0.00
7) Phenol-d6	7.32	99	875349	140.17	ng	0.00
23) Nitrobenzene-d5	9.34	82	726401	98.30	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	487098	139.02	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1405892	92.94	ng	-0.02
78) Terphenyl-d14	20.12	244	2518284	86.83	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.47	79	13182	2.44	ng	# 69
31) Naphthalene	11.04	128	51839	3.20	ng	# 94
32) Benzoic acid	10.27	122	632	8.05	ng	# 1
40) Hexachlorocyclopentadiene	12.92	237	130	10.72	ng	# 29
53) 2,4-Dinitrophenol	14.88	184	97	9.48	ng	# 1
55) 4-Nitrophenol	15.00	139	112	5.62	ng	# 1
76) Benzidine	19.77	184	70704	2.94	ng	97

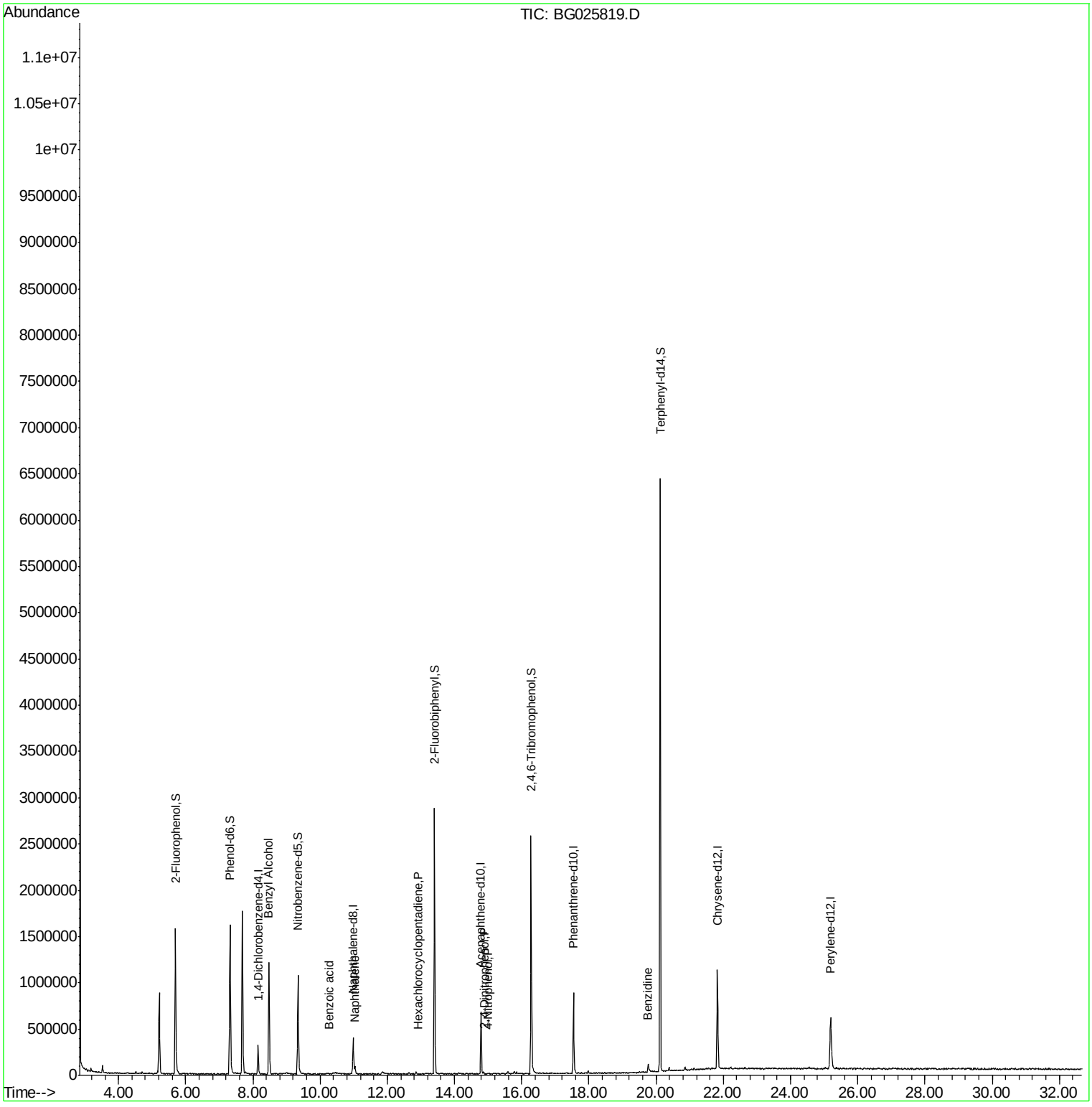
(#) = qualifier out of range (m) = manual integration (+) = signals summed

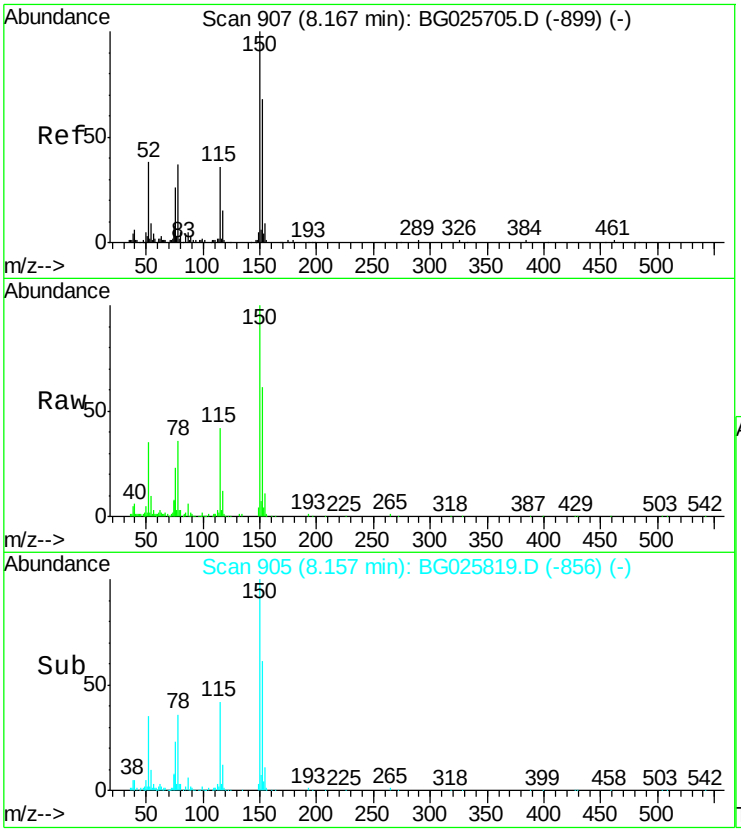
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG020617\
Data File : BG025819.D
Acq On : 7 Feb 2017 1:59
Operator : SJ/MA
Sample : I1697-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Quant Time: Feb 07 03:11:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 18:29:38 2017
Response via : Initial Calibration



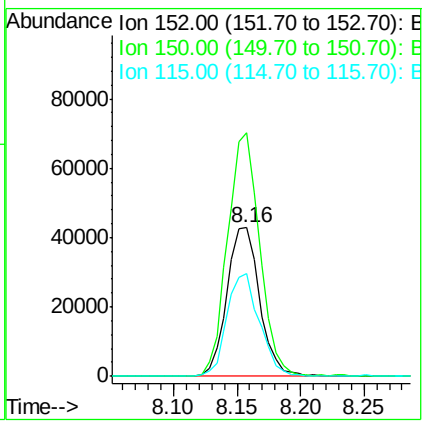


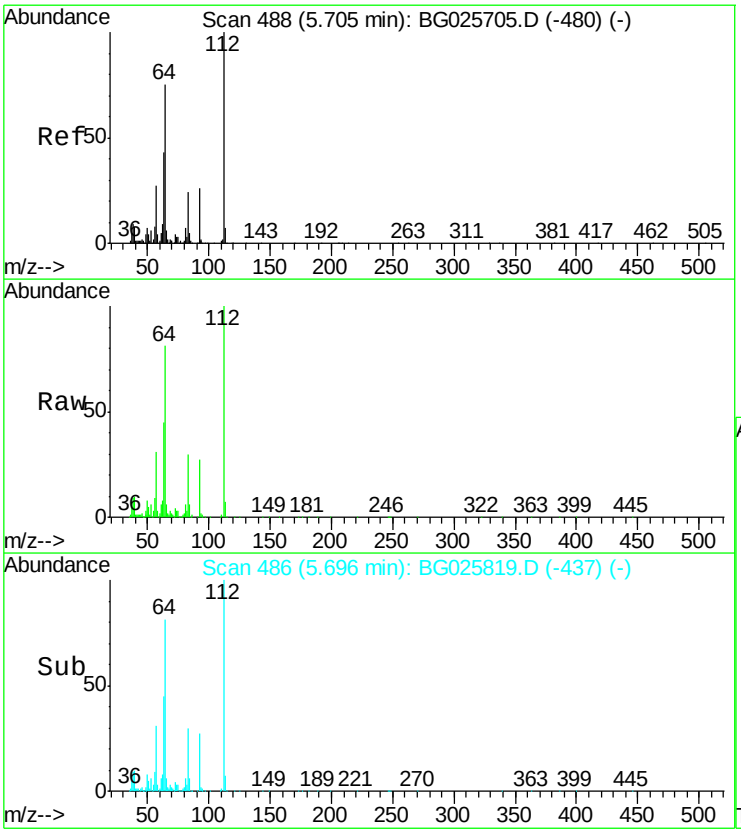
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion:152 Resp: 76632

Ion	Ratio	Lower	Upper
152	100		
150	163.9	114.0	171.0
115	68.8	48.1	72.1

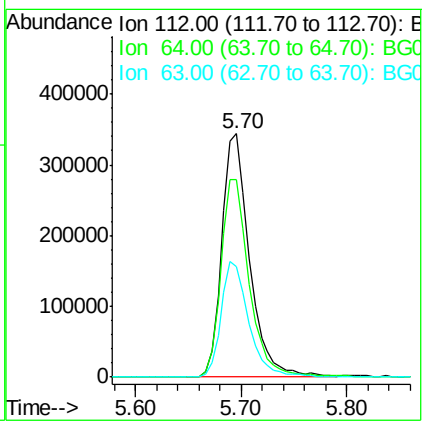


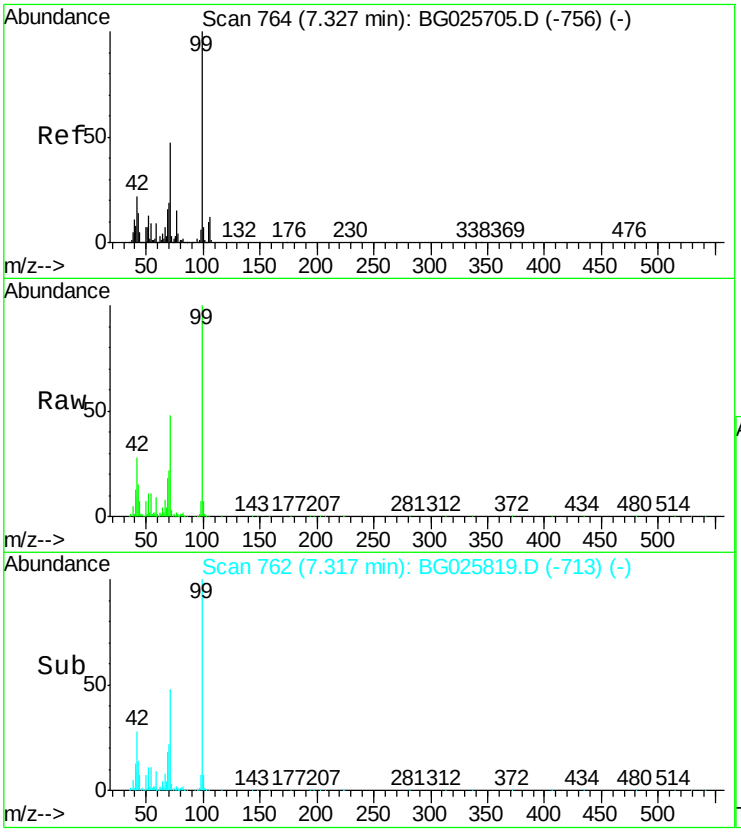


#5
2-Fluorophenol
Concen: 146.45 ng
RT: 5.70 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion:112 Resp: 626193

Ion	Ratio	Lower	Upper
112	100		
64	81.1	61.8	92.6
63	45.2	37.2	55.8



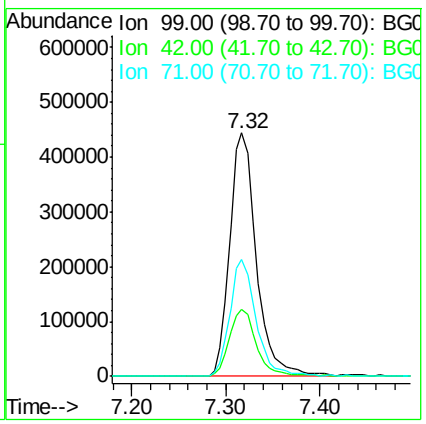


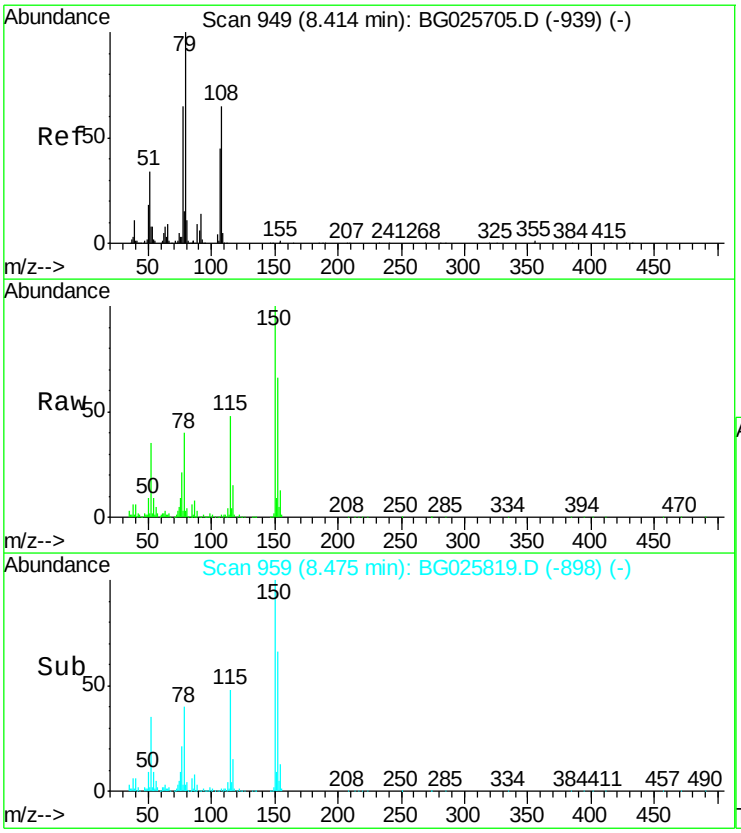
#7
Phenol-d6
Concen: 140.17 ng
RT: 7.32 min Scan# 762
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion: 99 Resp: 875349

Ion	Ratio	Lower	Upper
99	100		
42	27.6	20.5	30.7
71	48.0	37.6	56.4

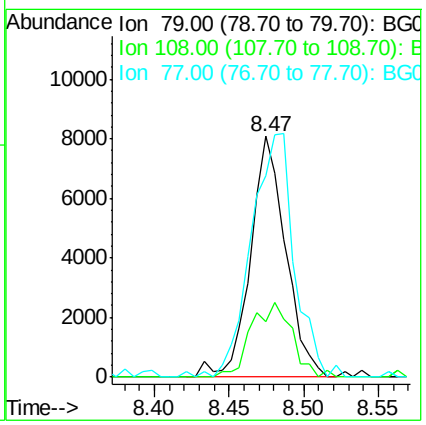


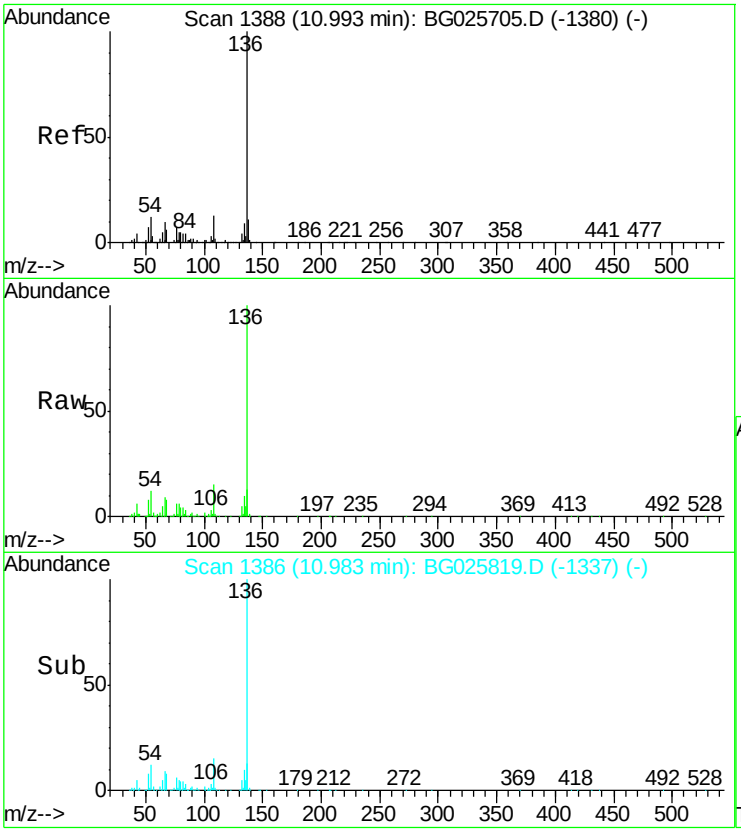


#15
Benzyl Alcohol
Concen: 2.44 ng
RT: 8.47 min Scan# 959
Delta R.T. 0.06 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion: 79 Resp: 13182

Ion	Ratio	Lower	Upper
79	100		
108	23.3	45.5	68.3#
77	83.5	54.3	81.5#



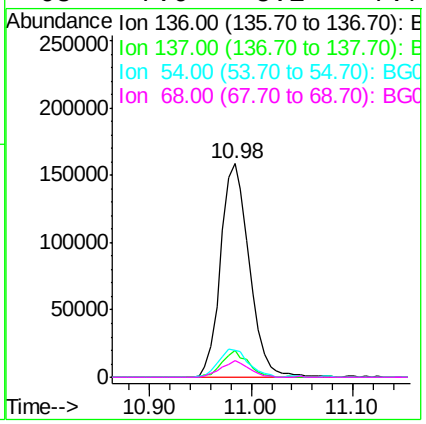


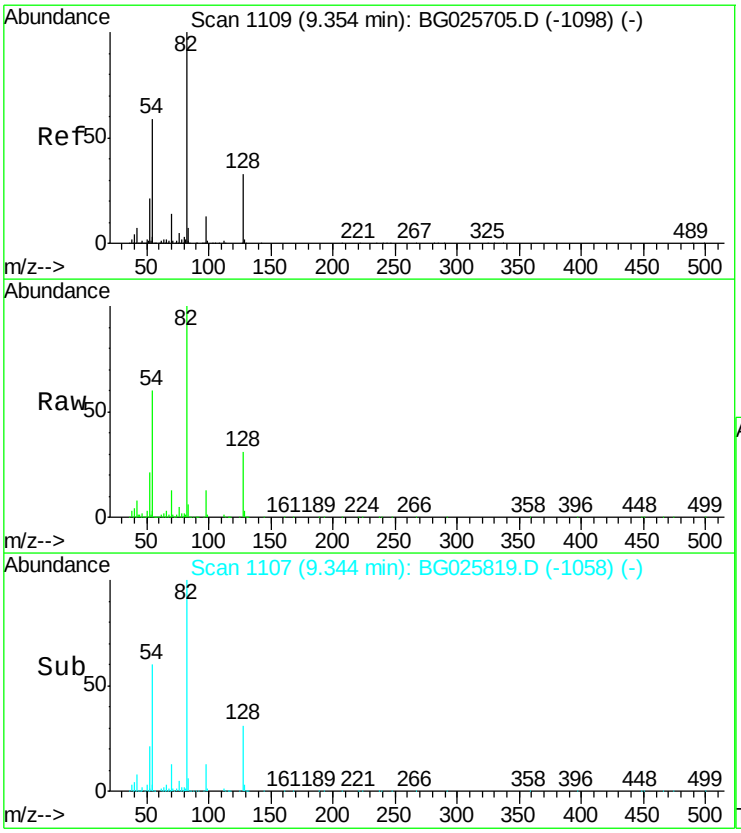
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion:136 Resp: 312227

Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.9	13.3
54	12.3	9.3	13.9
68	7.6	5.1	7.7

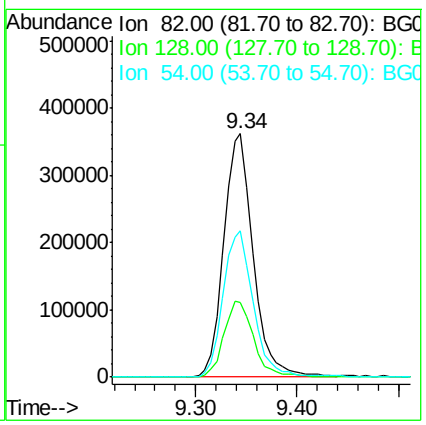


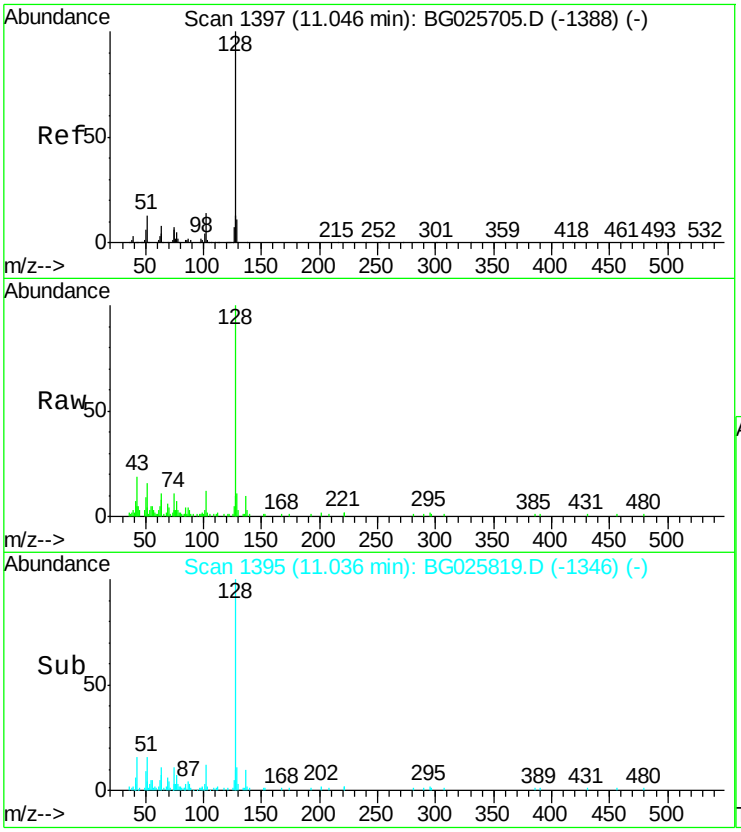


#23
Nitrobenzene-d5
Concen: 98.30 ng
RT: 9.34 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion: 82 Resp: 726401

Ion	Ratio	Lower	Upper
82	100		
128	30.9	26.4	39.6
54	60.3	49.4	74.2



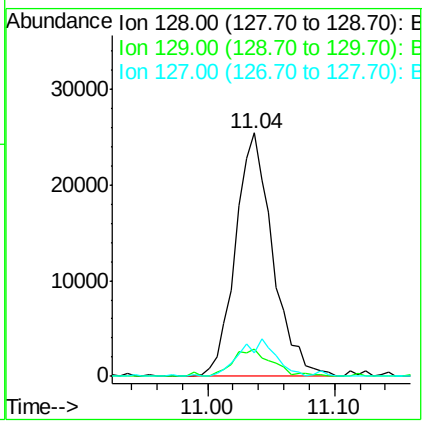


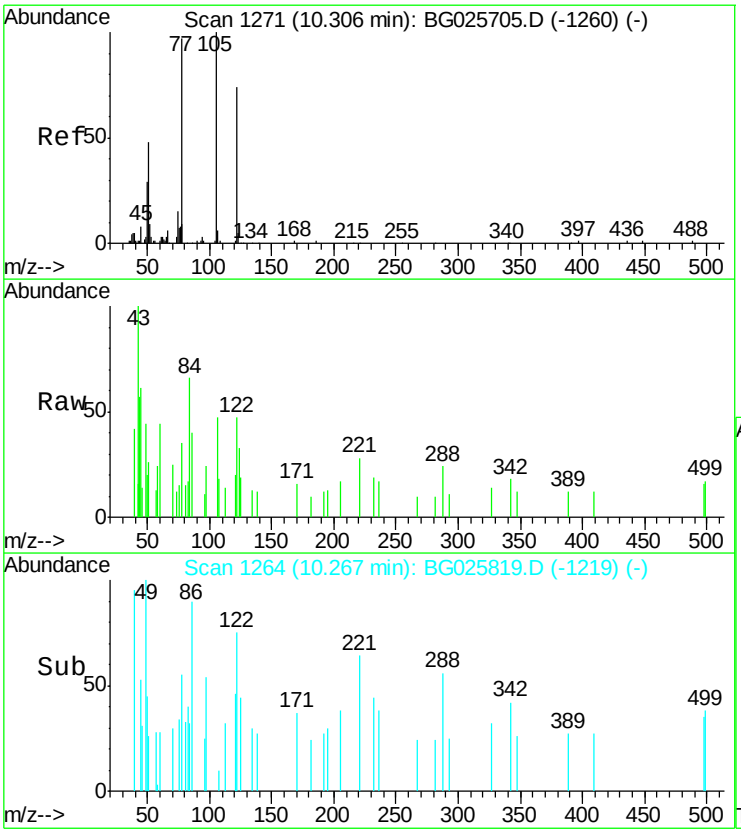
#31
Naphthalene
Concen: 3.20 ng
RT: 11.04 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion:128 Resp: 51839

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	9.8	11.4	17.0#

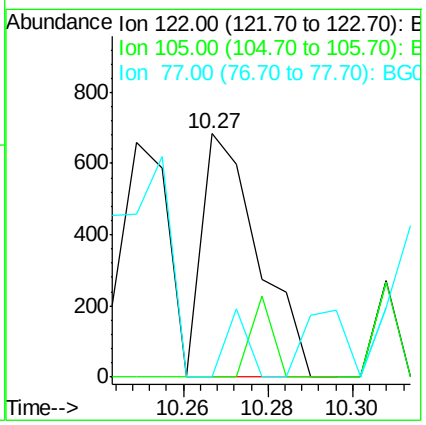


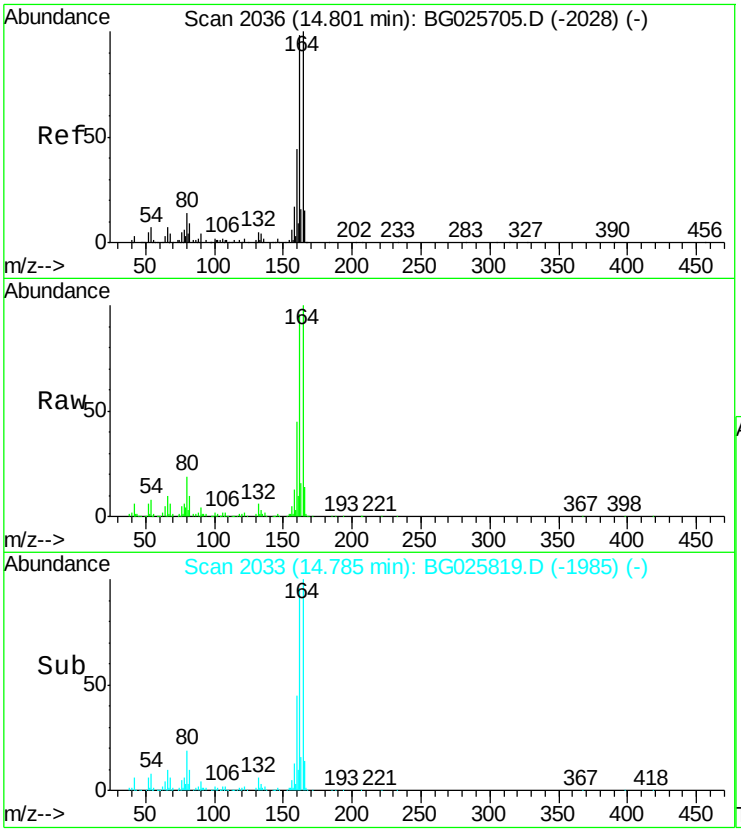


#32
Benzoic acid
Concen: 8.05 ng
RT: 10.27 min Scan# 1264
Delta R.T. -0.04 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion:122 Resp: 632

Ion	Ratio	Lower	Upper
122	100		
105	0.0	120.1	160.1#
77	0.0	104.6	144.6#



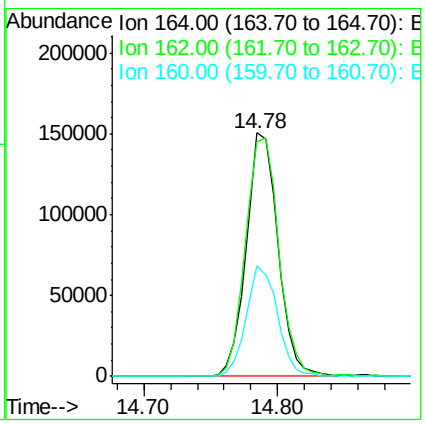


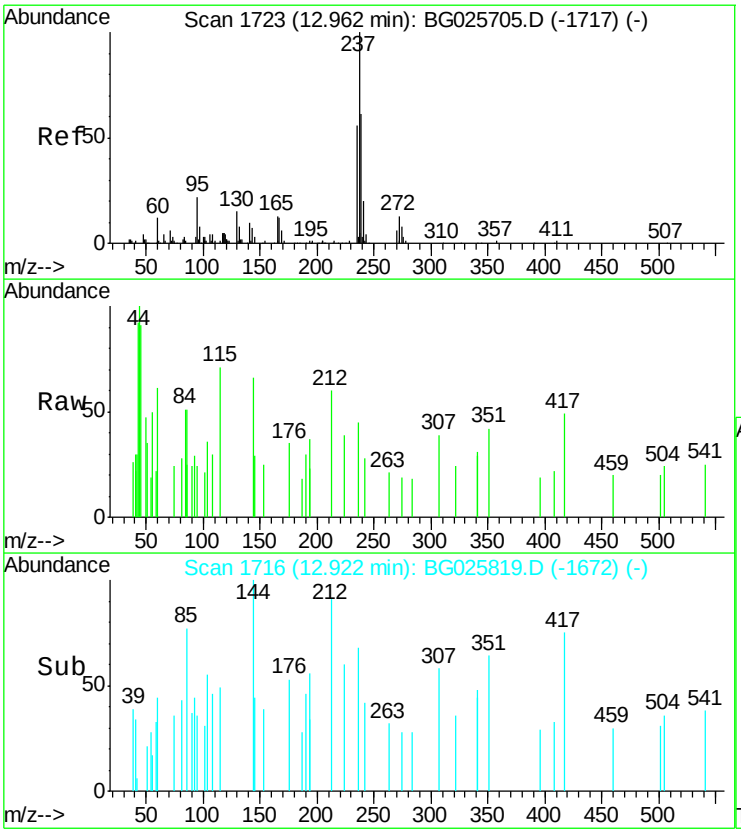
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion:164 Resp: 245687

Ion	Ratio	Lower	Upper
164	100		
162	96.1	85.1	127.7
160	45.3	34.7	52.1

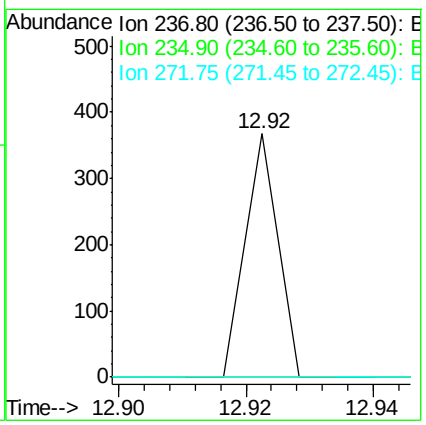


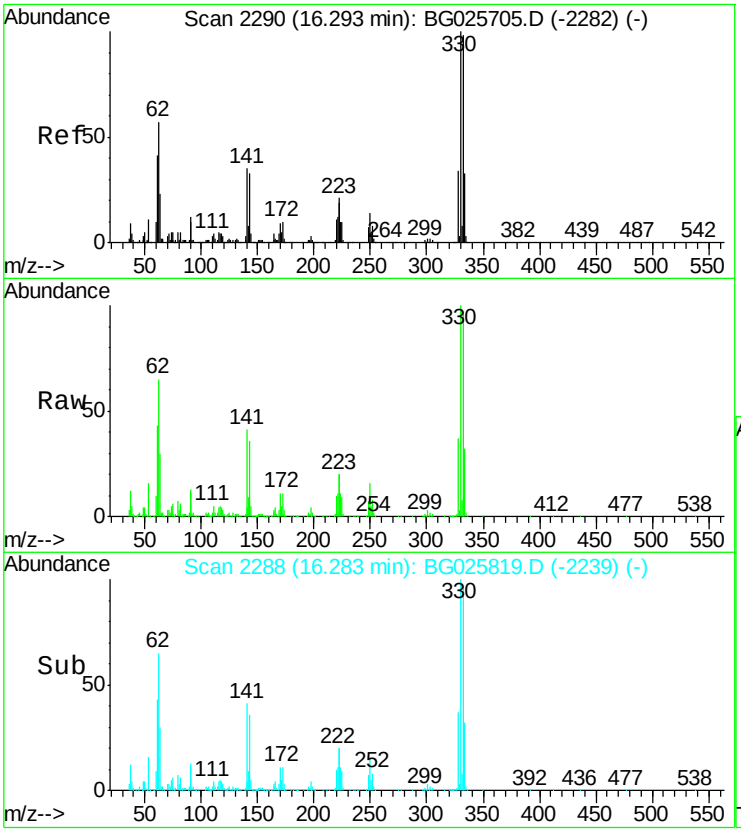


#40
Hexachlorocyclopentadiene
Concen: 10.72 ng
RT: 12.92 min Scan# 1716
Delta R.T. -0.04 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion:237 Resp: 130

Ion	Ratio	Lower	Upper
237	100		
235	0.0	39.4	79.4#
272	0.0	0.0	32.0



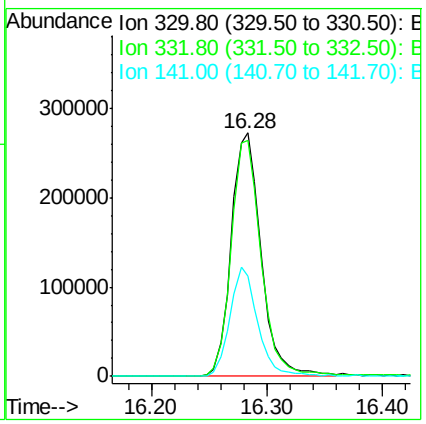


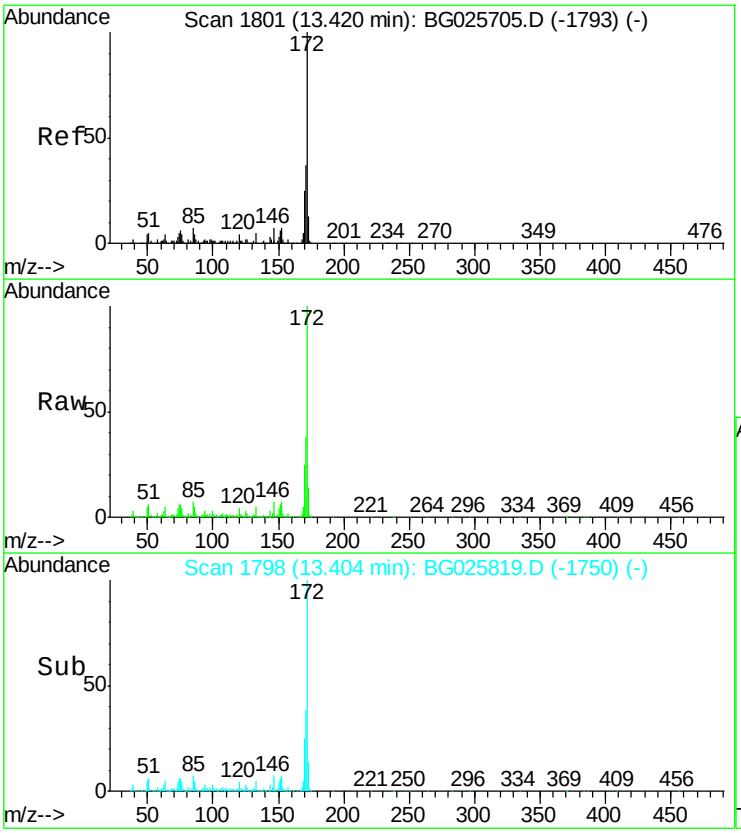
#41
2,4,6-Tribromophenol
Concen: 139.02 ng
RT: 16.28 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion:330 Resp: 487098

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	42.2	32.1	48.1

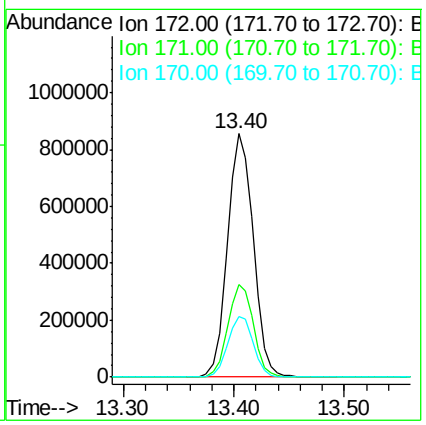


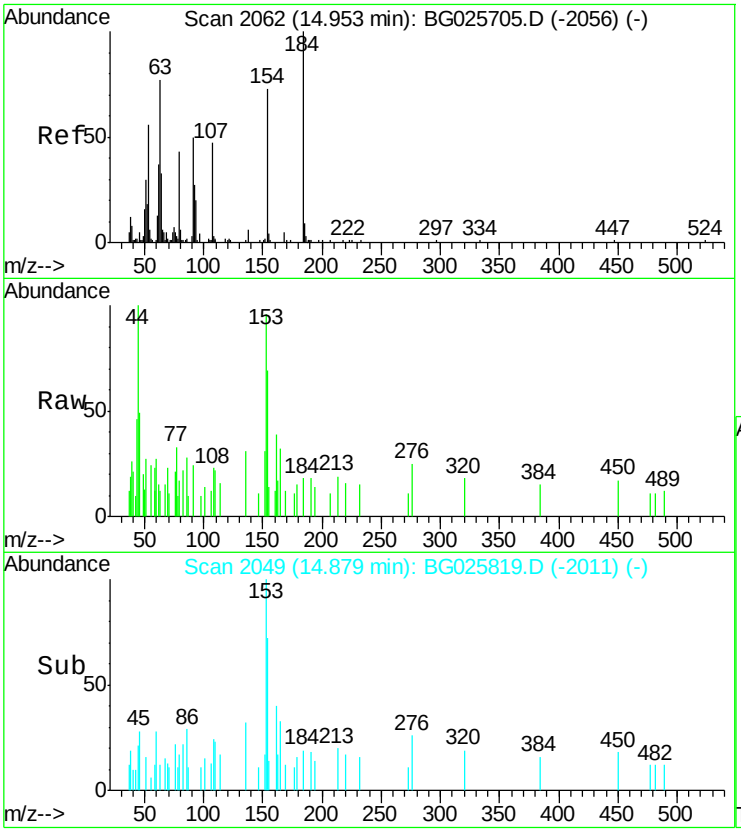


#44
2-Fluorobiphenyl
Concen: 92.94 ng
RT: 13.40 min Scan# 1798
Delta R.T. -0.02 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion:172 Resp: 1405892

Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	25.0	21.8	32.6



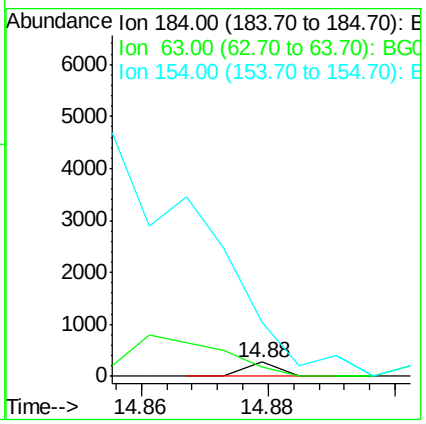


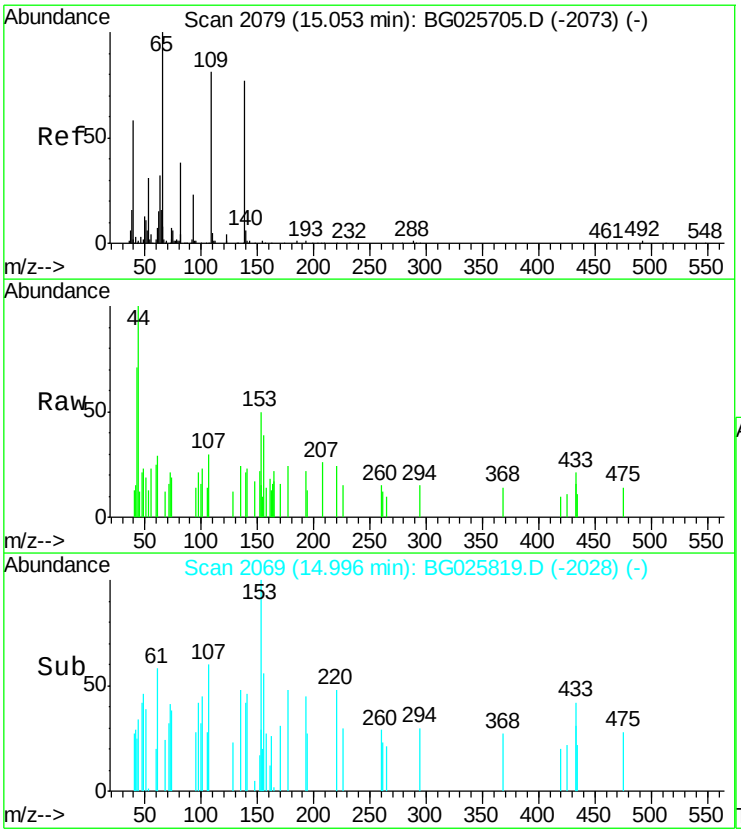
#53
2,4-Dinitrophenol
Concen: 9.48 ng
RT: 14.88 min Scan# 2049
Delta R.T. -0.07 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion:184 Resp: 97

Ion	Ratio	Lower	Upper
184	100		
63	65.1	52.7	79.1
154	378.2	57.3	85.9#

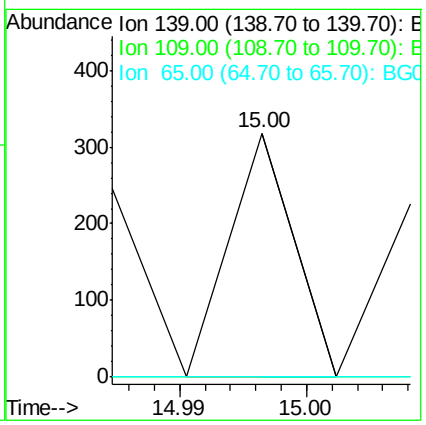


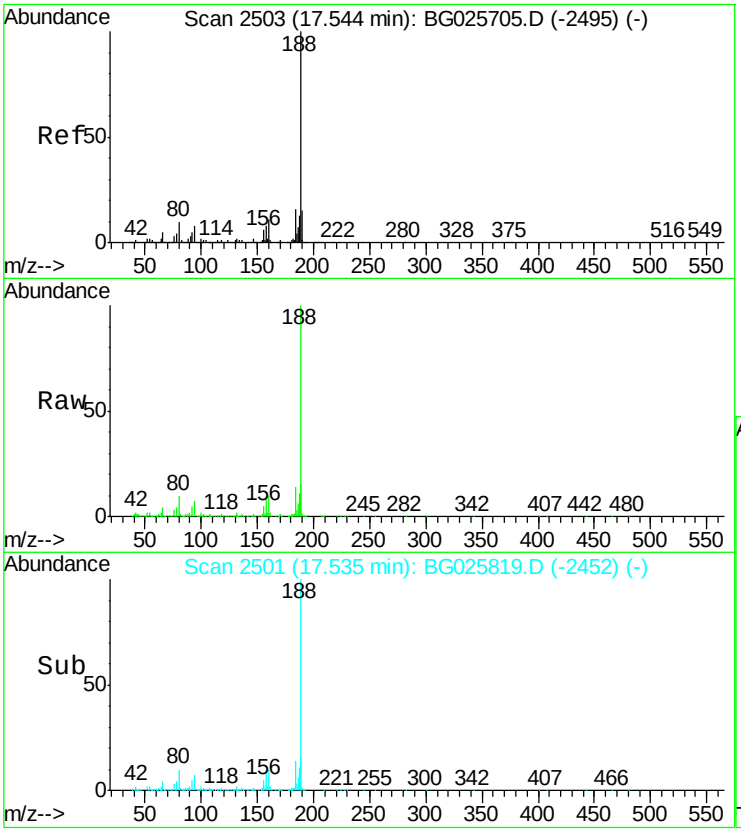


#55
4-Nitrophenol
Concen: 5.62 ng
RT: 15.00 min Scan# 2069
Delta R.T. -0.06 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion:139 Resp: 112

Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#



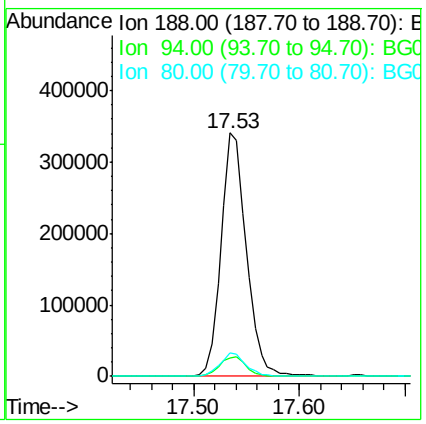


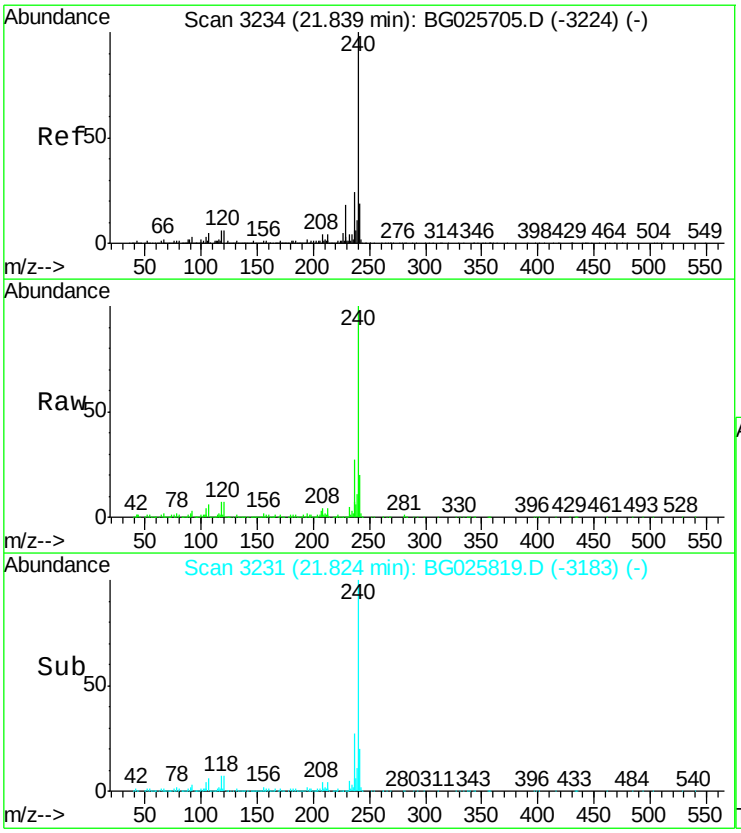
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion:188 Resp: 567475

Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.8	8.8
80	9.6	7.5	11.3

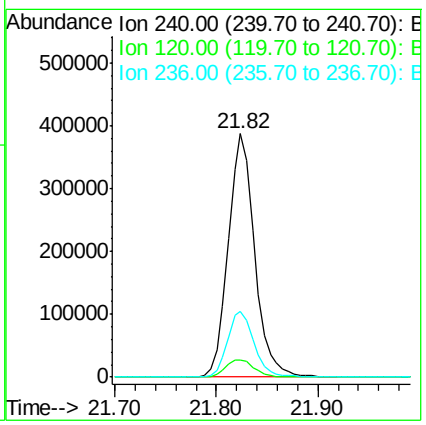


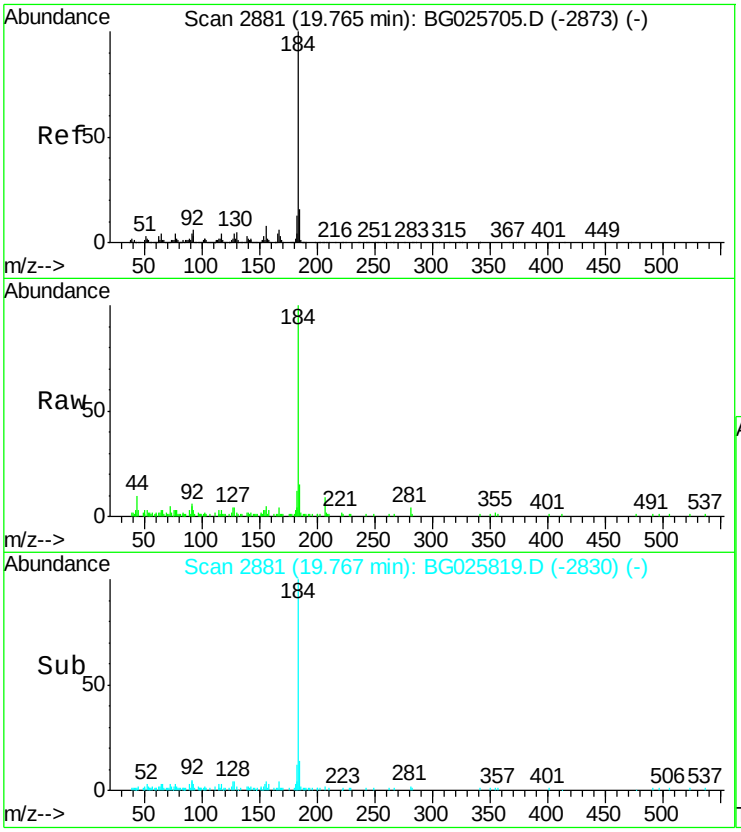


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.02 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion:240 Resp: 700017

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.7	8.5
236	27.2	22.2	33.4



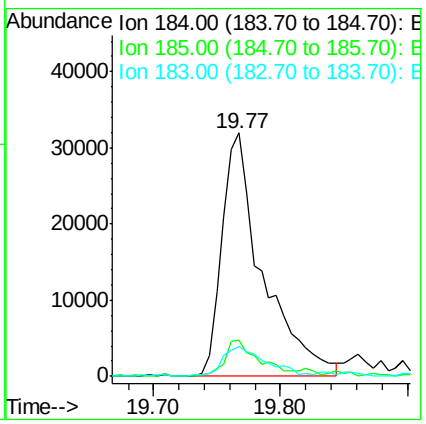


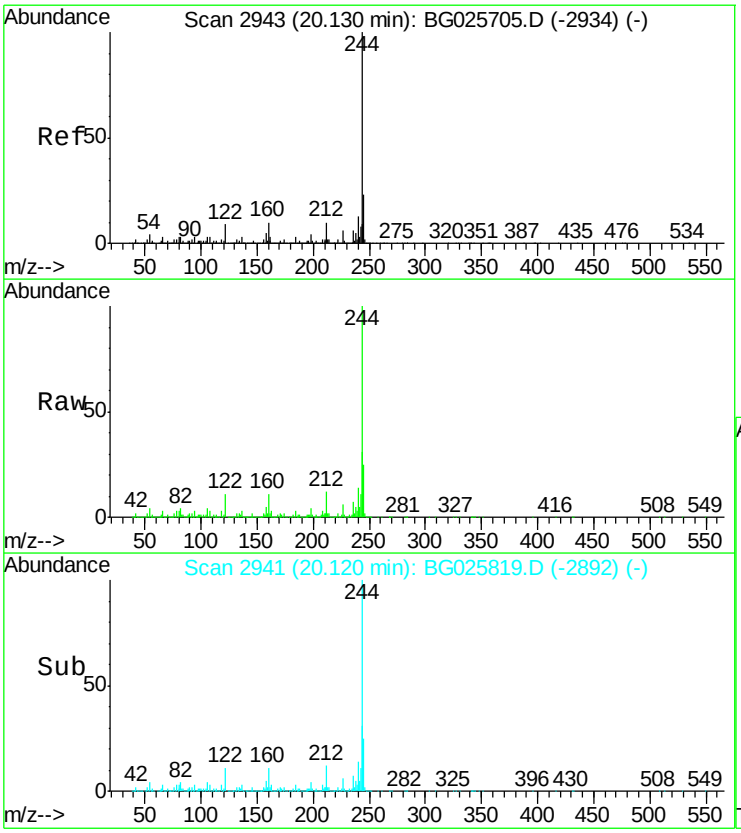
#76
Benzidine
Concen: 2.94 ng
RT: 19.77 min Scan# 2881
Delta R.T. 0.00 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion:184 Resp: 70704

Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.0	19.6
183	12.2	11.0	16.6

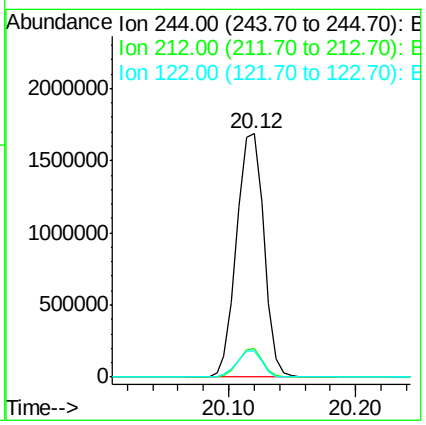


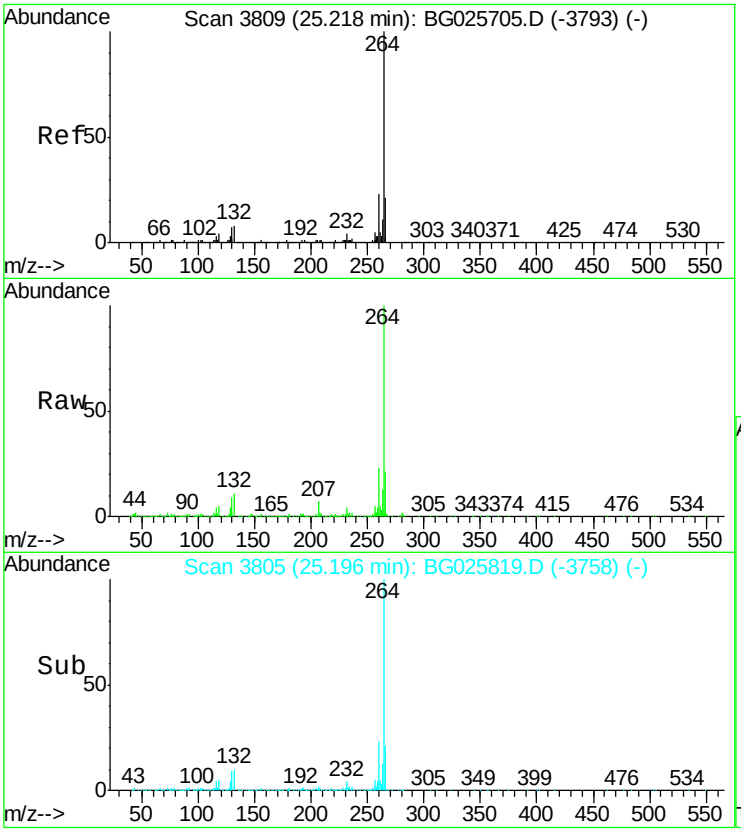


#78
Terphenyl-d14
Concen: 86.83 ng
RT: 20.12 min Scan# 2941
Delta R.T. -0.01 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Tgt Ion:244 Resp: 2518284

Ion	Ratio	Lower	Upper
244	100		
212	11.7	10.0	15.0
122	10.9	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3805
Delta R.T. -0.02 min
Lab File: BG025819.D
Acq: 7 Feb 2017 1:59

Instrument :
BNA_G
ClientSampleId :
WC-B23-B24-001

Tgt Ion:264 Resp: 671846

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	21.2	18.2	27.4