Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
Data File : BG019158.D
Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OW1-C2-GW

Quant Time: Oct 13 01:04:30 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 10 07:04:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19206	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	86800	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	66981	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	147926	20.00	ng		0.00
75) Chrysene-d12	21.68	240	173160	20.00	ng		0.00
86) Perylene-d12	24.91	264	171128	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	73839	78.28	ng		0.00
7) Phenol-d6	7.20	99	75693	52.23	ng		0.00
23) Nitrobenzene-d5	9.20	82	169260	107.74	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	136492	149.54	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	407277	93.50	ng		0.00
78) Terphenyl-d14	20.02	244	635994	97.02	ng		0.00
Target Compounds							Qvalue
15) Benzyl Alcohol	8.36	79	2683	2.07	ng	#	57
18) Hexachloroethane	9.14	117	18043	35.80	ng	#	31
22) Acetophenone	8.73	105	4882	2.41	ng	#	70
24) Nitrobenzene	9.22	77	4589	2.75	ng	#	23
49) Dimethylphthalate	14.11	163	16606	3.14	ng		99
51) Acenaphthene	14.72	154	14571	3.67	ng		97
54) Dibenzofuran	15.05	168	18423	3.14	ng	#	88
55) 4-Nitrophenol	14.88	139	1913	2.03	ng	#	24
57) Fluorene	15.71	166	31938	6.28	ng	#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
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Acq On : 12 Oct 2015 12:24
Operator : UM/NP
Sample : G3989-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
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OW1-C2-GW

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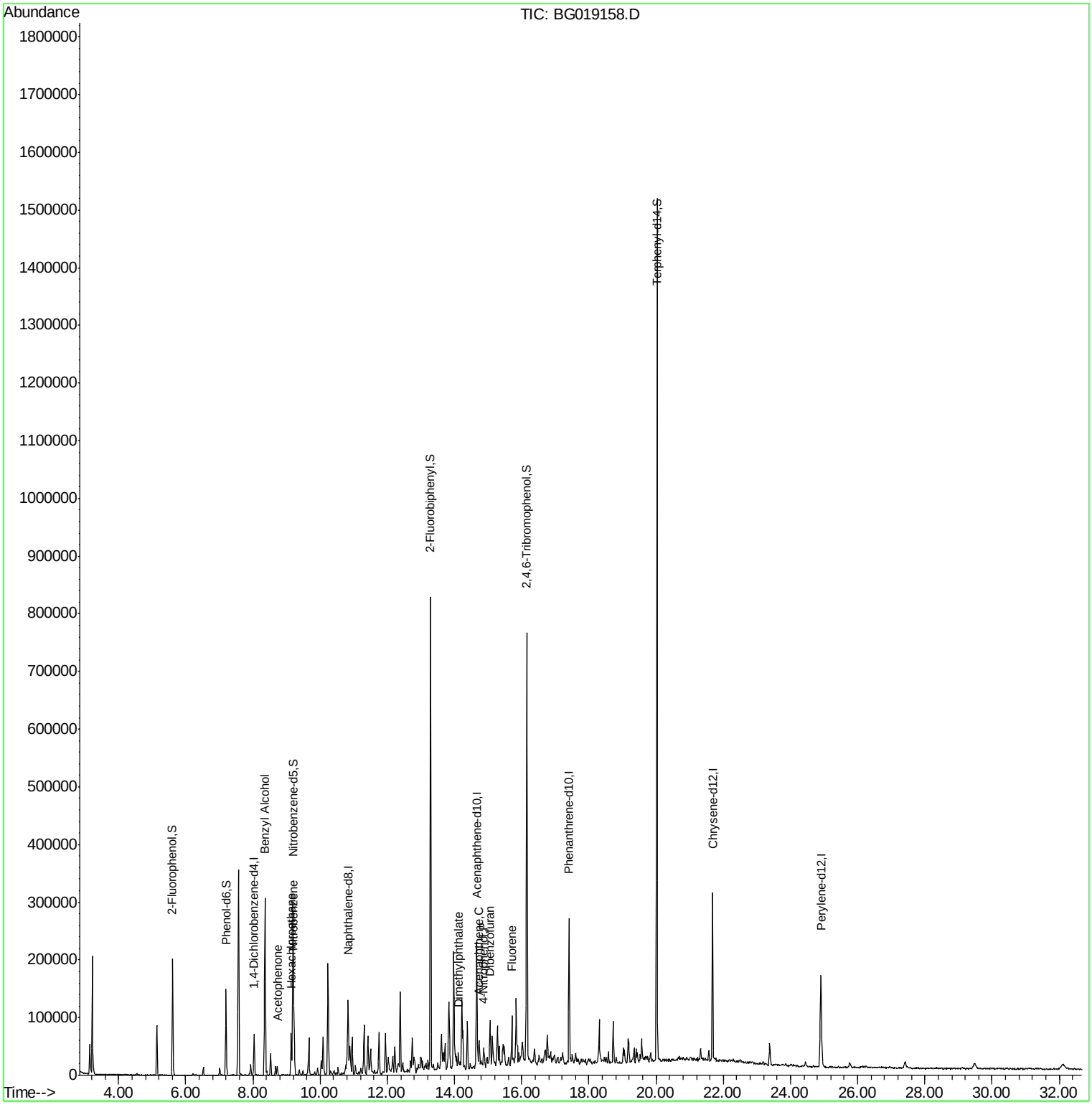
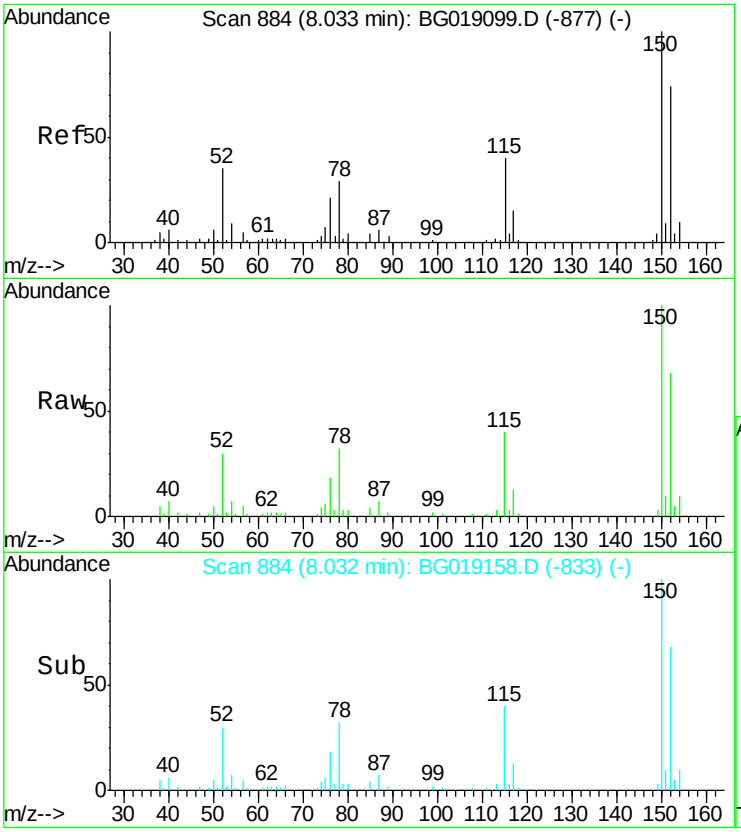


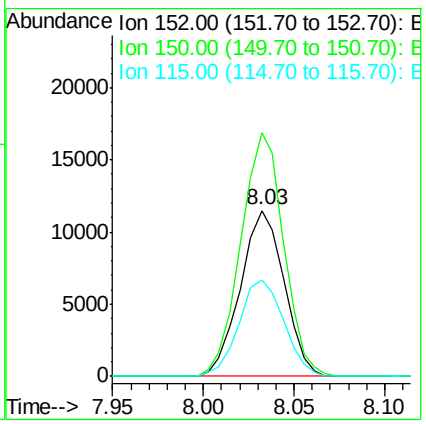


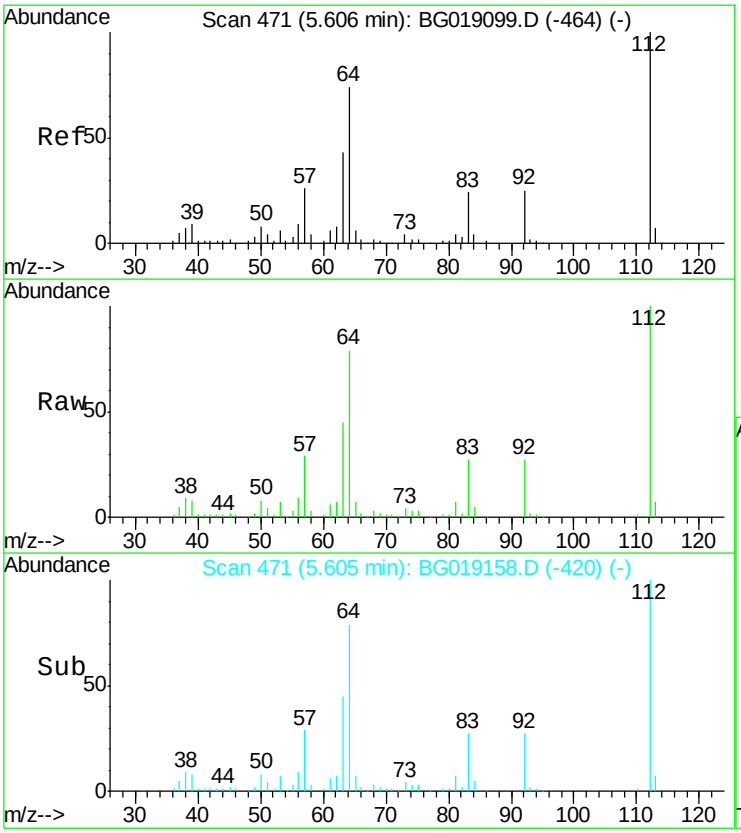
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tgt Ion:152 Resp: 19206

Ion	Ratio	Lower	Upper
152	100		
150	146.6	108.2	162.2
115	58.3	43.2	64.8

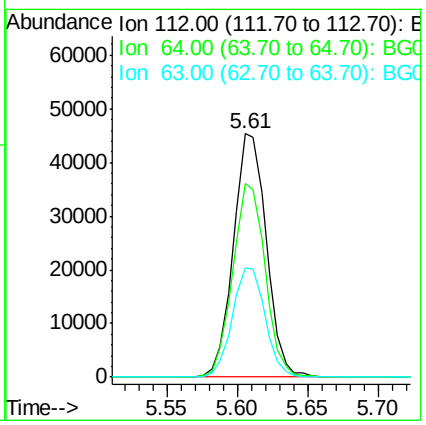


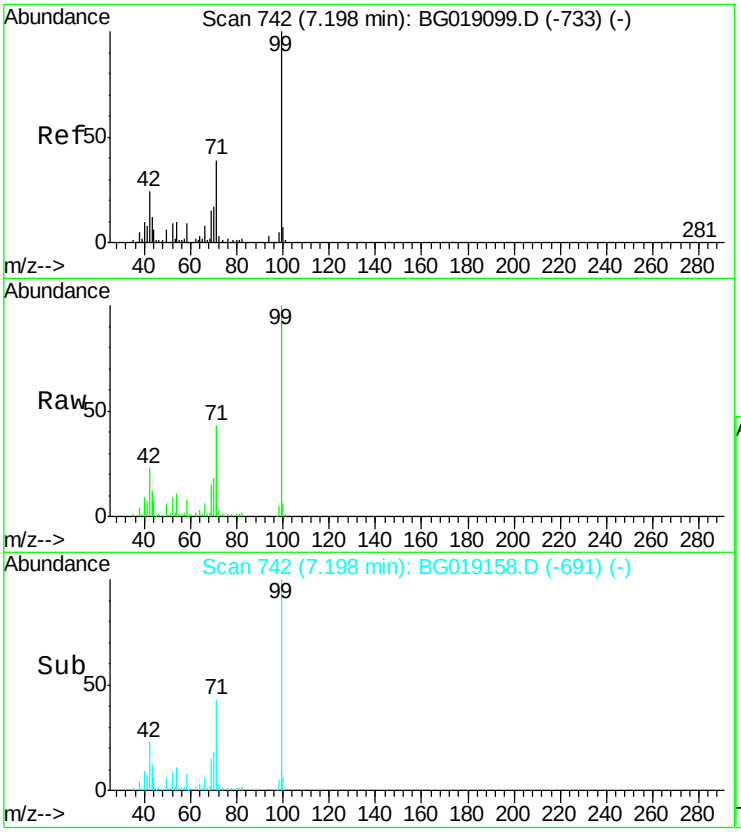


#5
2-Fluorophenol
Concen: 78.28 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.00 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion:112 Resp: 73839

Ion	Ratio	Lower	Upper
112	100		
64	79.5	59.0	88.4
63	44.9	34.7	52.1



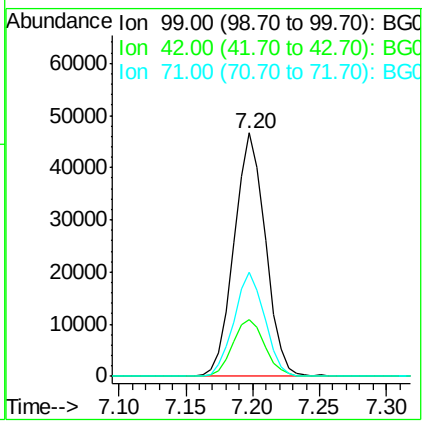


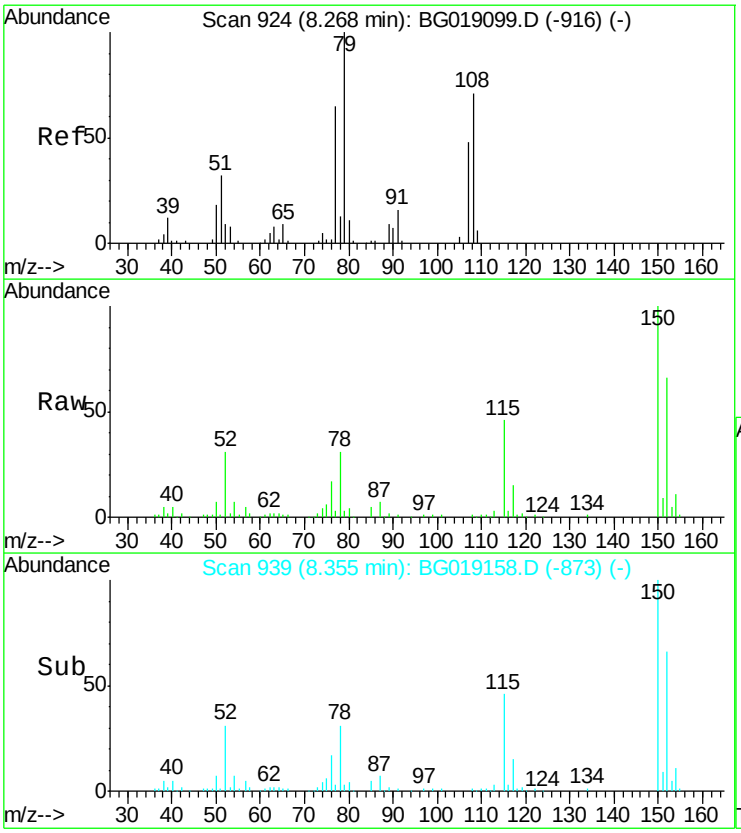
#7
Phenol-d6
Concen: 52.23 ng
RT: 7.20 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tgt Ion: 99 Resp: 75693

Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.5	29.3
71	42.7	31.4	47.0

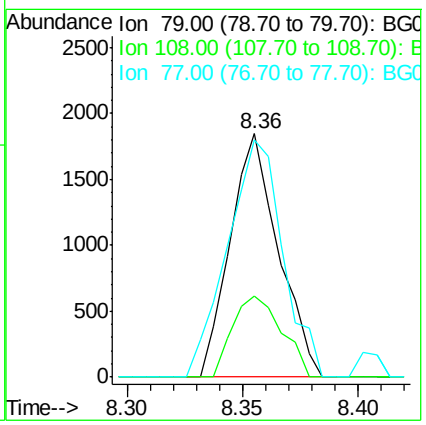


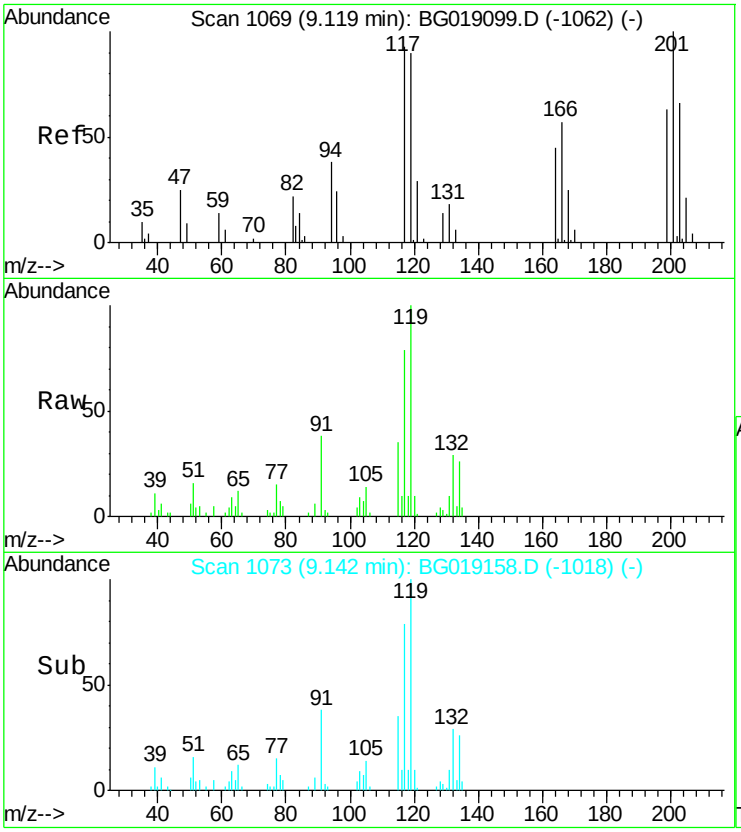


#15
Benzyl Alcohol
Concen: 2.07 ng
RT: 8.36 min Scan# 939
Delta R.T. 0.09 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion: 79 Resp: 2683

Ion	Ratio	Lower	Upper
79	100		
108	33.5	56.6	84.8#
77	97.2	51.6	77.4#



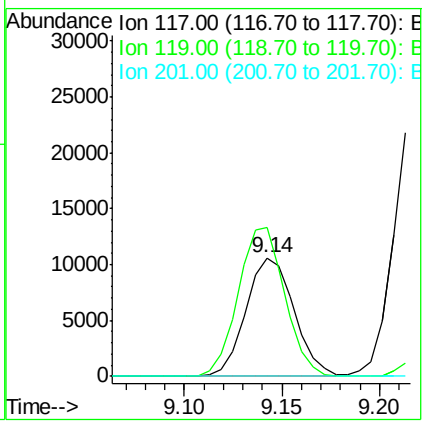


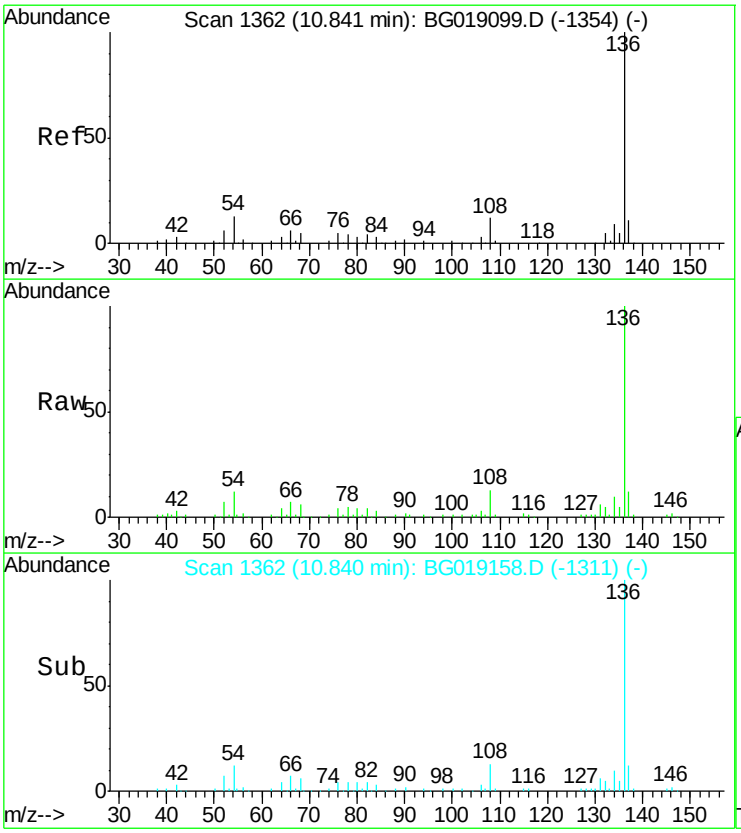
#18
Hexachloroethane
Concen: 35.80 ng
RT: 9.14 min Scan# 1073
Delta R.T. 0.02 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tgt Ion:117 Resp: 18043

Ion	Ratio	Lower	Upper
117	100		
119	126.0	77.0	115.4#
201	0.0	85.6	128.4#

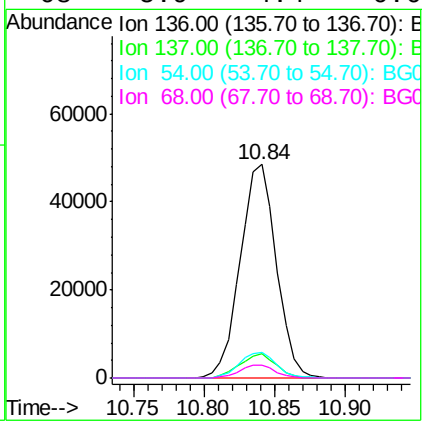


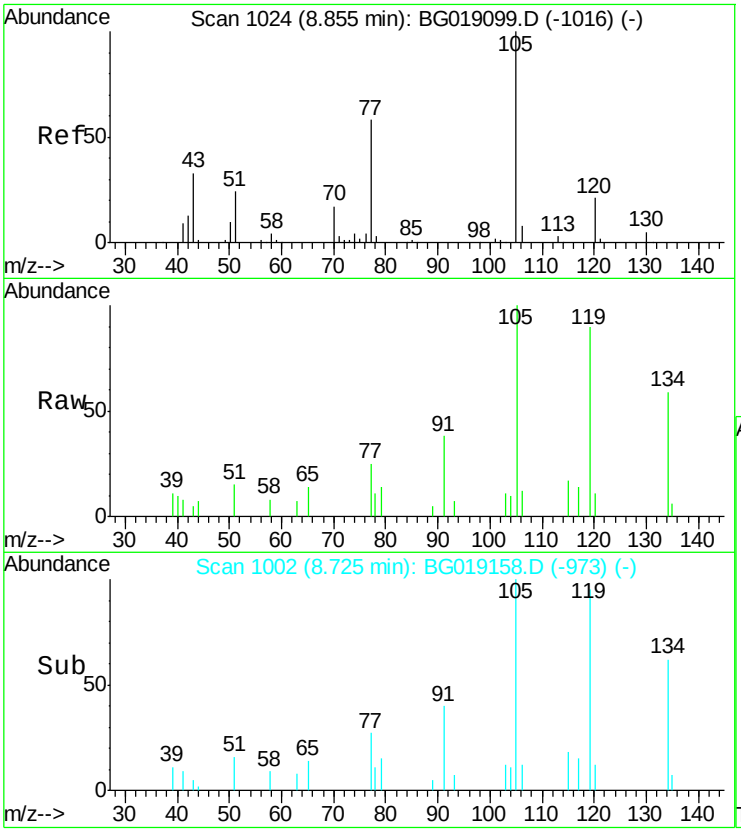


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion:136 Resp: 86800

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	12.0	10.1	15.1
68	5.9	4.4	6.6



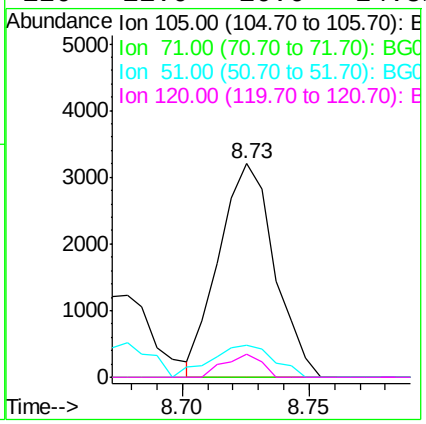


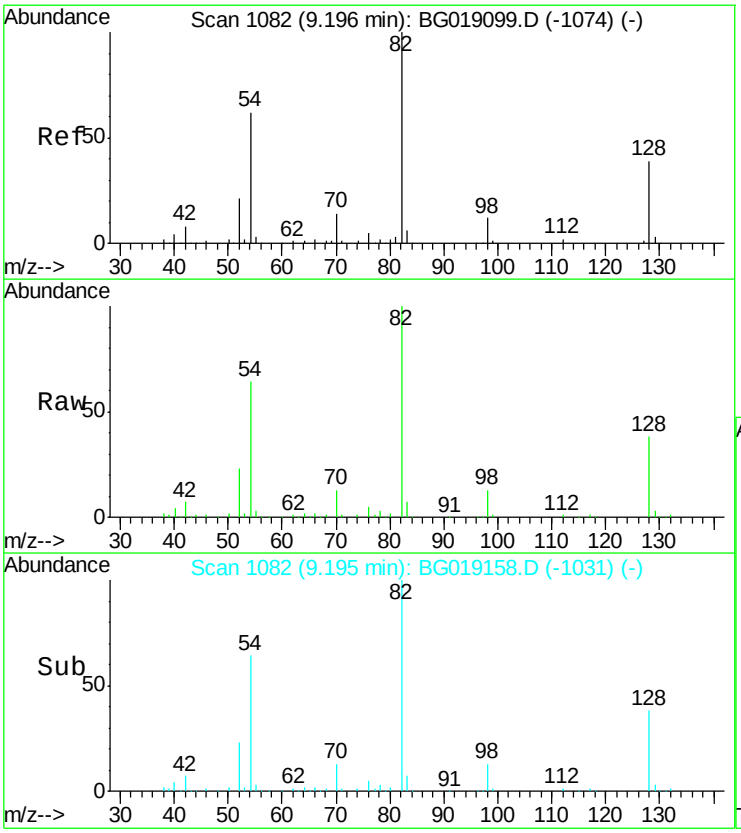
#22
Acetophenone
Concen: 2.41 ng
RT: 8.73 min Scan# 1002
Delta R.T. -0.13 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tgt Ion:105 Resp: 4882

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.2	3.2#
51	15.0	29.2	43.8#
120	11.0	16.6	24.8#

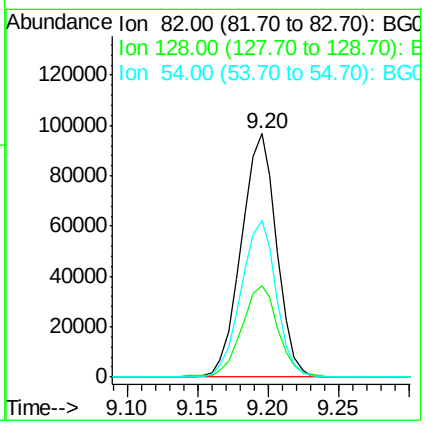


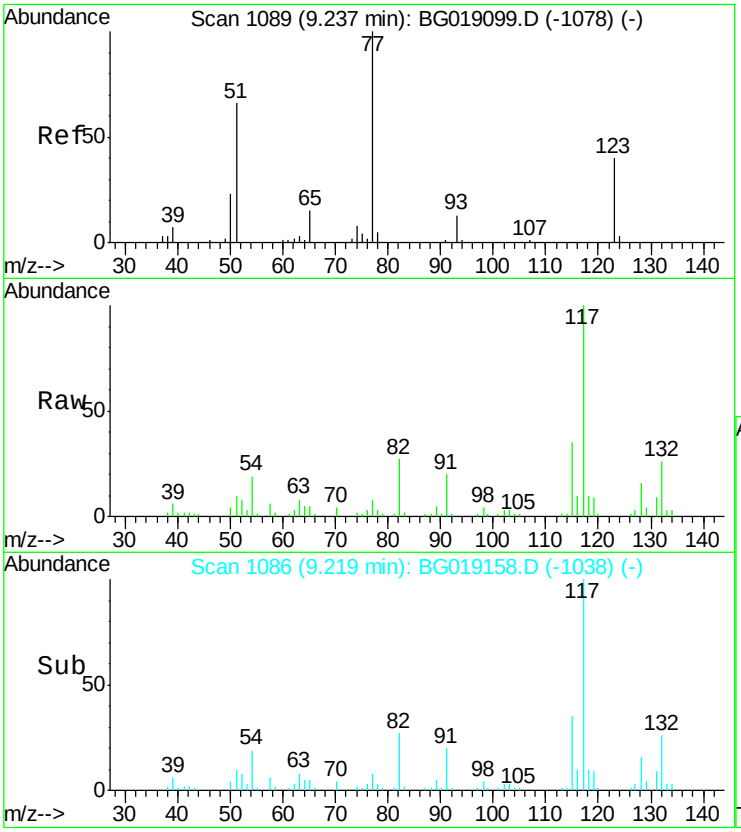


#23
Nitrobenzene-d5
Concen: 107.74 ng
RT: 9.20 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion: 82 Resp: 169260

Ion	Ratio	Lower	Upper
82	100		
128	37.7	31.4	47.2
54	64.3	50.0	75.0



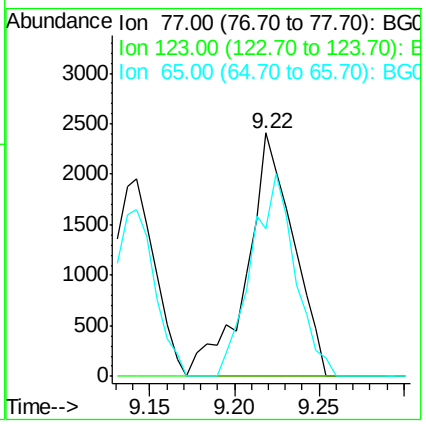


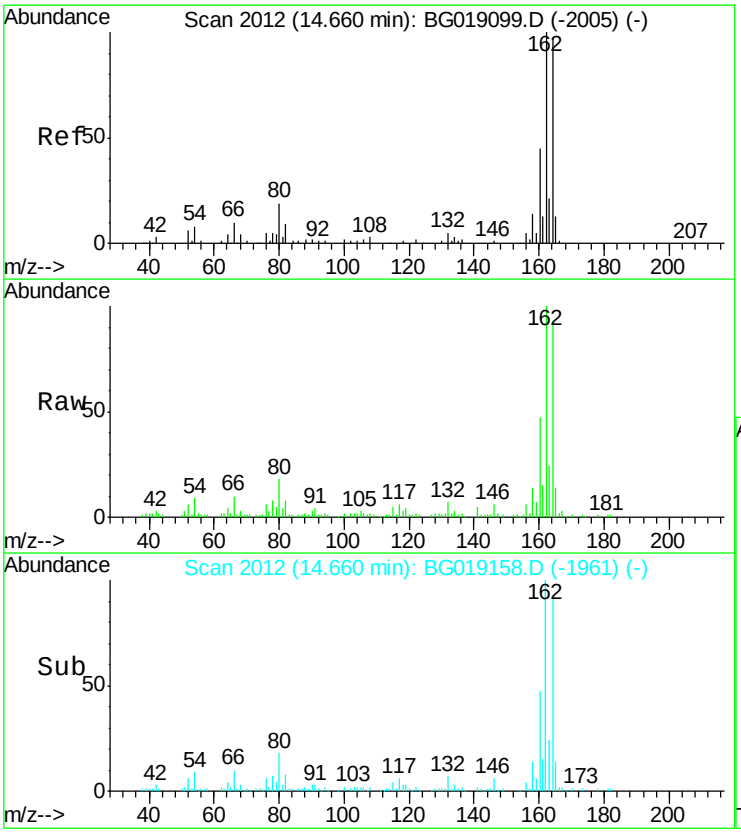
#24
Nitrobenzene
Concen: 2.75 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tgt Ion: 77 Resp: 4589

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.8	47.6#
65	60.9	11.8	17.6#

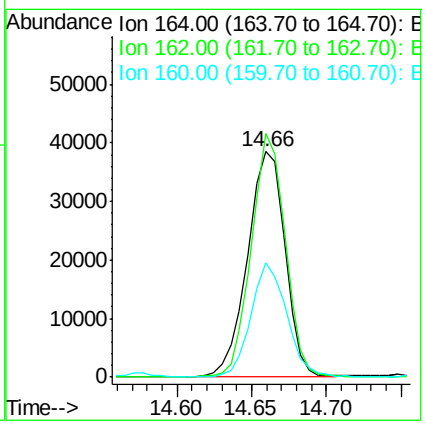


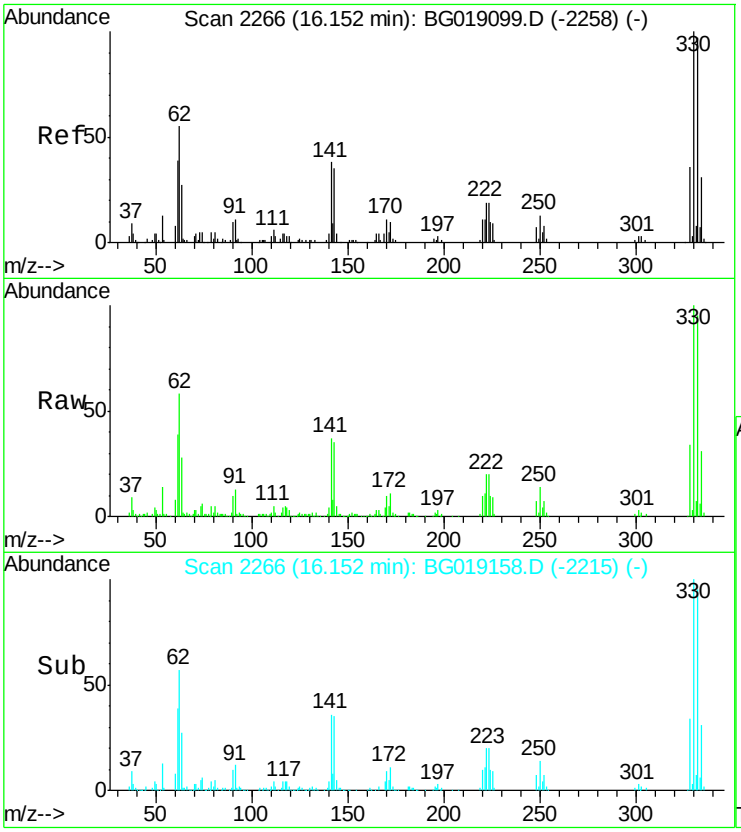


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion:164 Resp: 66981

Ion	Ratio	Lower	Upper
164	100		
162	108.1	82.6	124.0
160	50.7	36.9	55.3



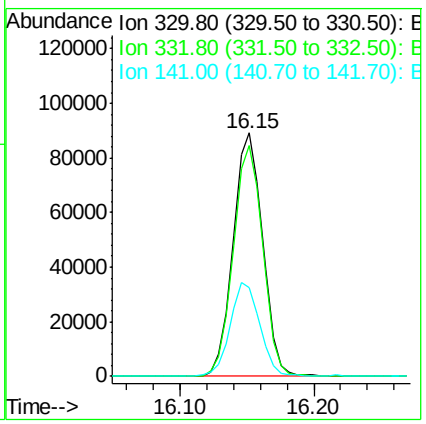


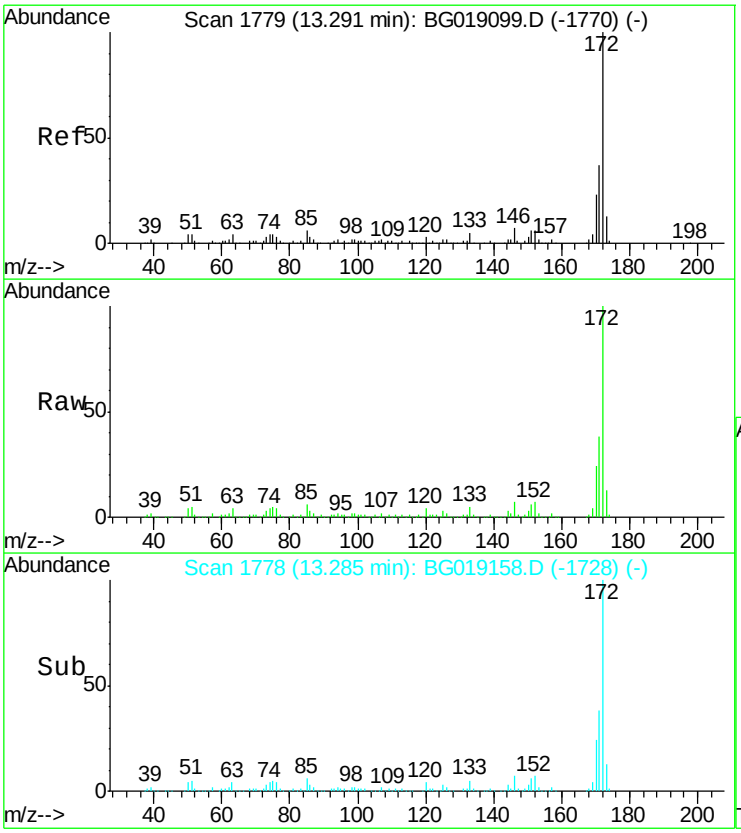
#41
2,4,6-Tribromophenol
Concen: 149.54 ng
RT: 16.15 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tgt Ion:330 Resp: 136492

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.3	115.9
141	38.4	30.7	46.1

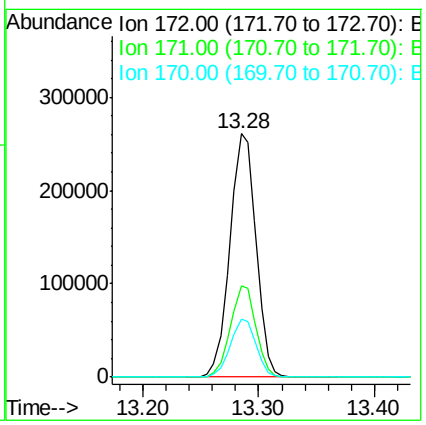


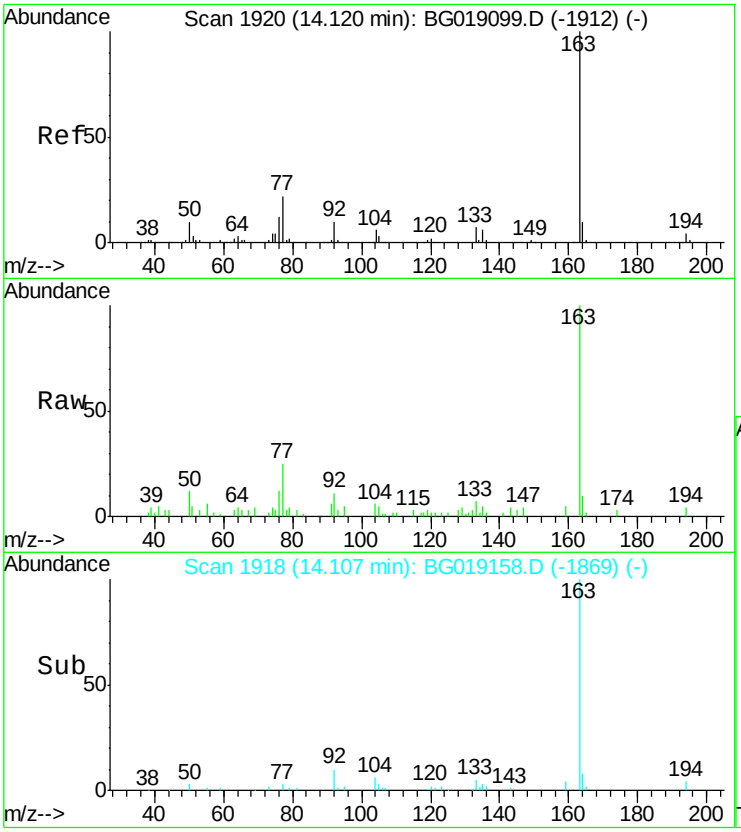


#44
2-Fluorobiphenyl
Concen: 93.50 ng
RT: 13.28 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion:172 Resp: 407277

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.9	44.9
170	23.7	18.6	27.8



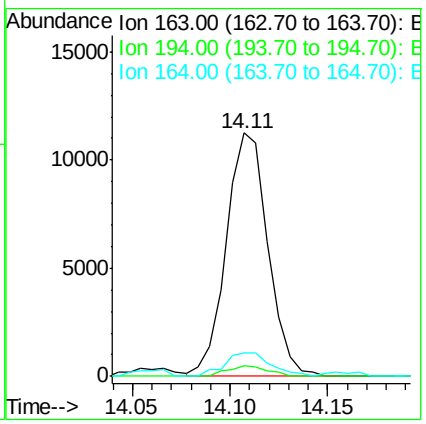


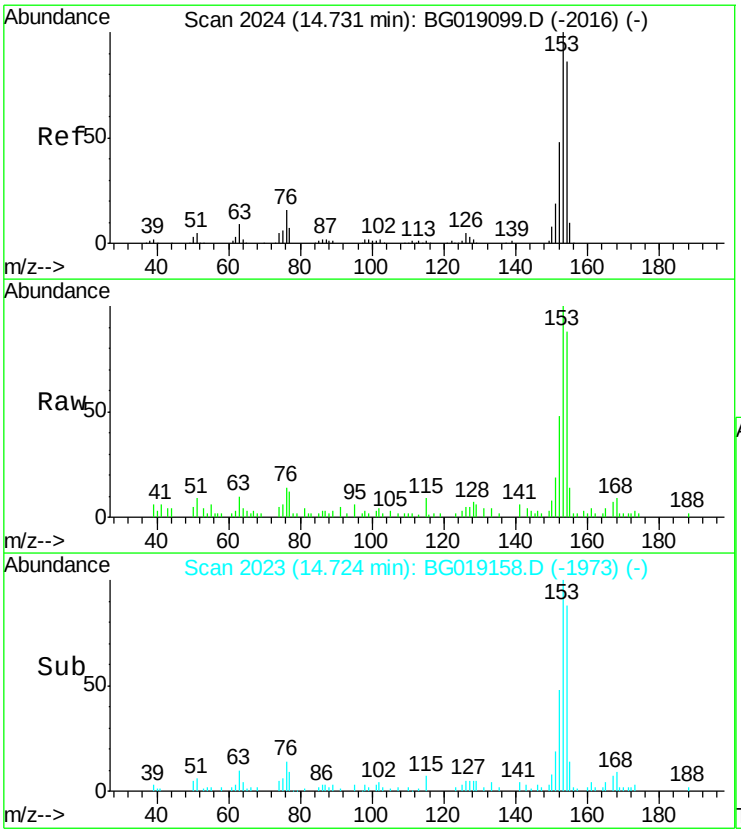
#49
Dimethylphthalate
Concen: 3.14 ng
RT: 14.11 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tgt Ion:163 Resp: 16606

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.7	8.1	12.1

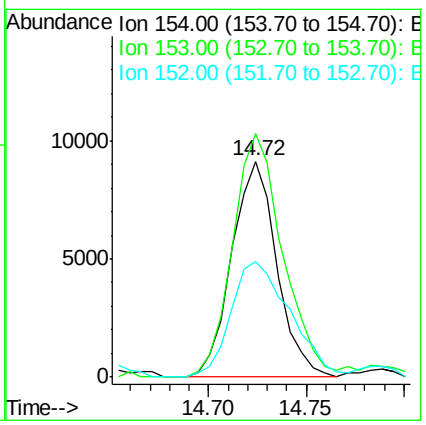


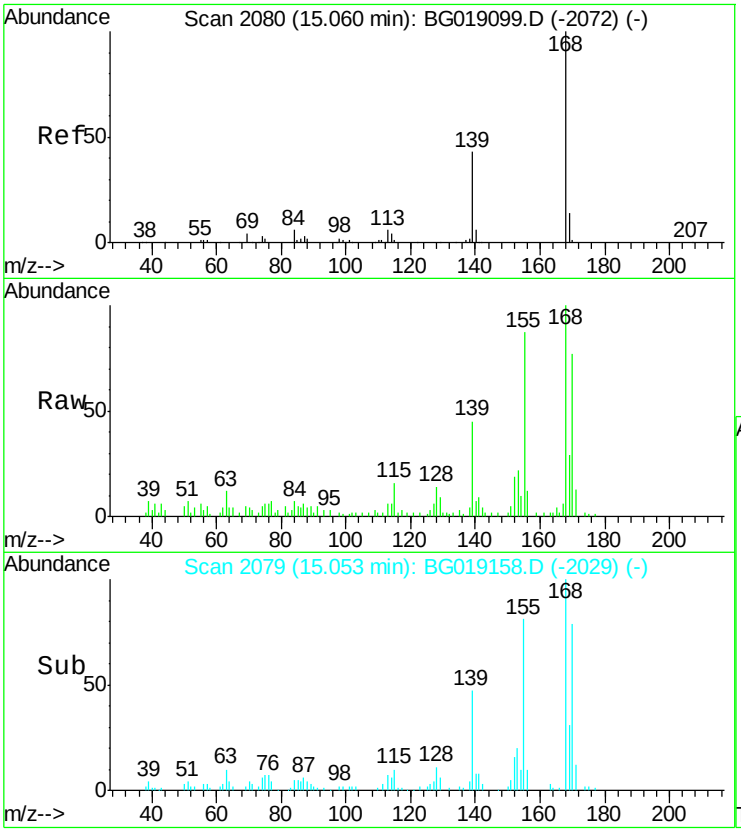


#51
Acenaphthene
Concen: 3.67 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion:154 Resp: 14571

Ion	Ratio	Lower	Upper
154	100		
153	113.0	93.4	140.2
152	53.7	44.9	67.3



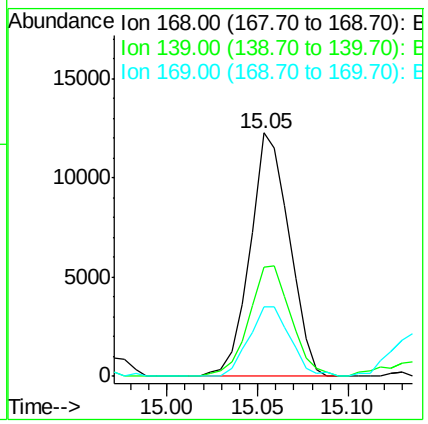


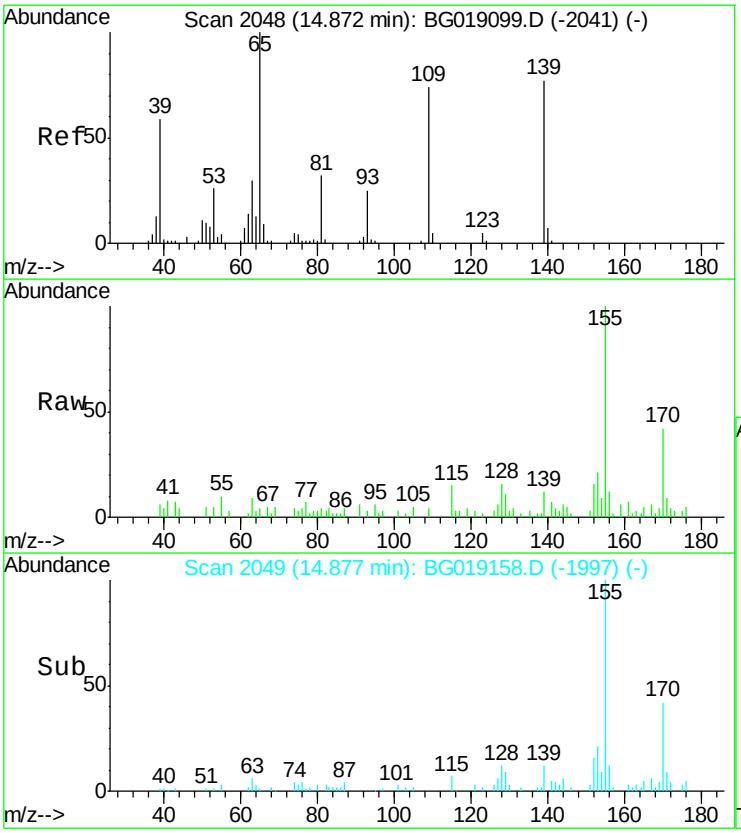
#54
Dibenzofuran
Concen: 3.14 ng
RT: 15.05 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tgt Ion:168 Resp: 18423

Ion	Ratio	Lower	Upper
168	100		
139	45.0	34.2	51.4
169	28.8	11.4	17.0#

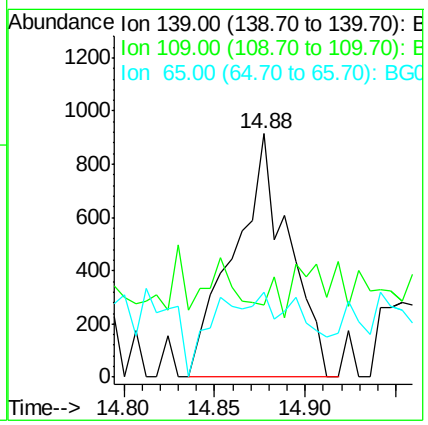


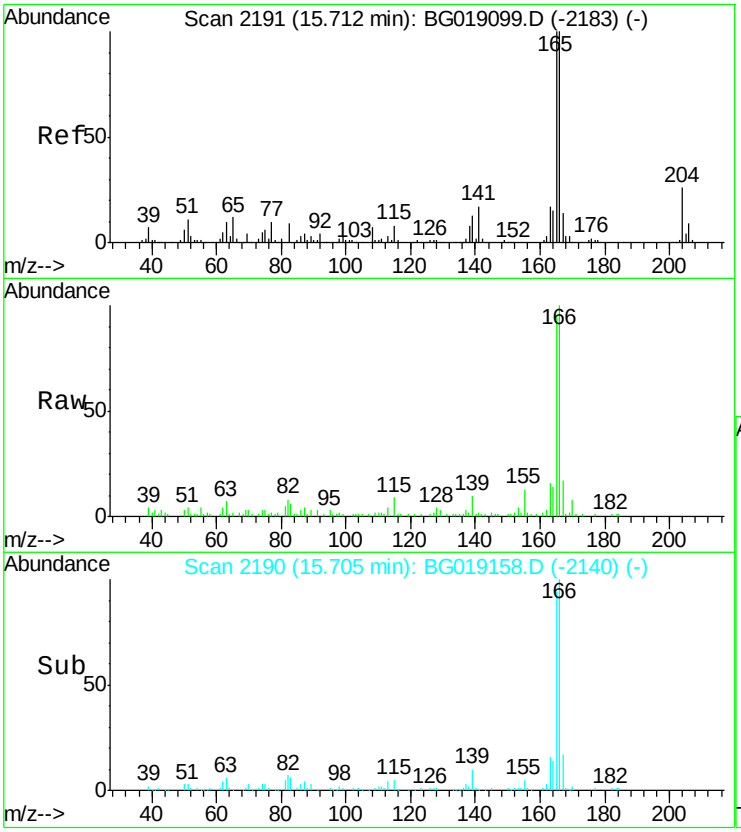


#55
4-Nitrophenol
Concen: 2.03 ng
RT: 14.88 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion:139 Resp: 1913

Ion	Ratio	Lower	Upper
139	100		
109	29.4	76.8	116.8#
65	34.8	110.0	150.0#



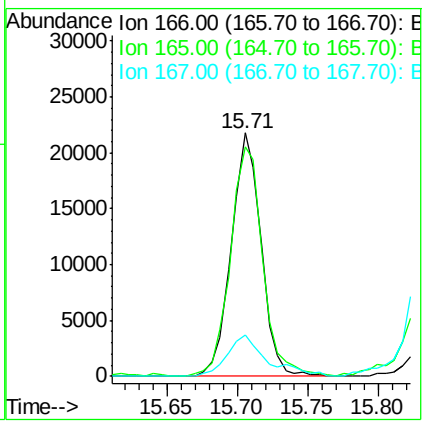


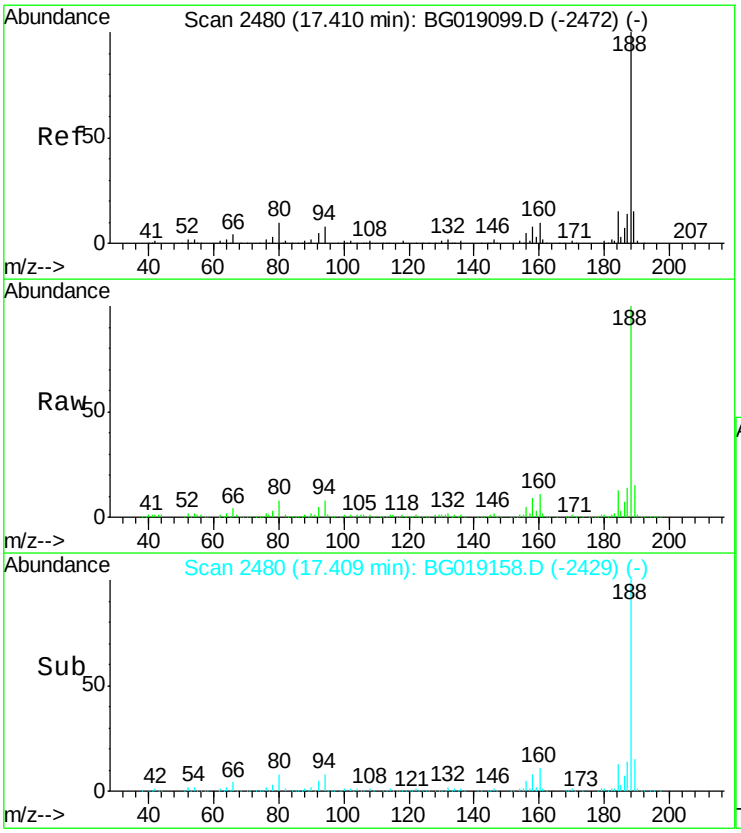
#57
Fluorene
Concen: 6.28 ng
RT: 15.71 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tgt Ion:166 Resp: 31938

Ion	Ratio	Lower	Upper
166	100		
165	94.5	80.2	120.2
167	17.1	11.4	17.0#

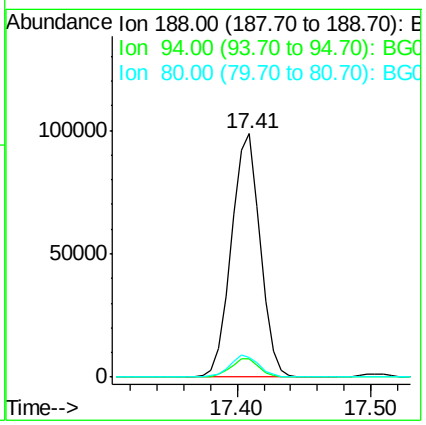


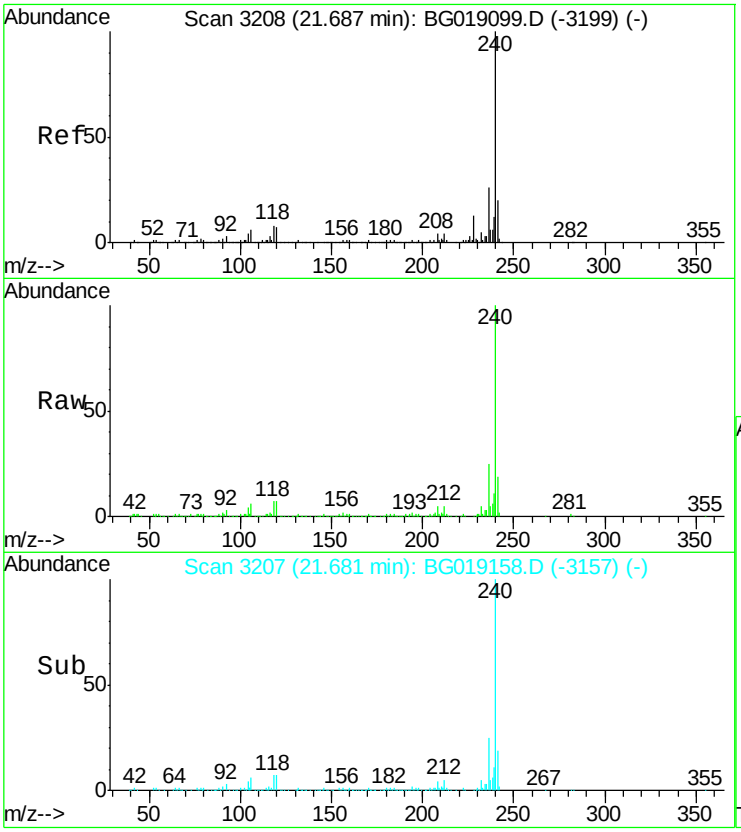


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion:188 Resp: 147926

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.4	9.6
80	8.0	7.6	11.4



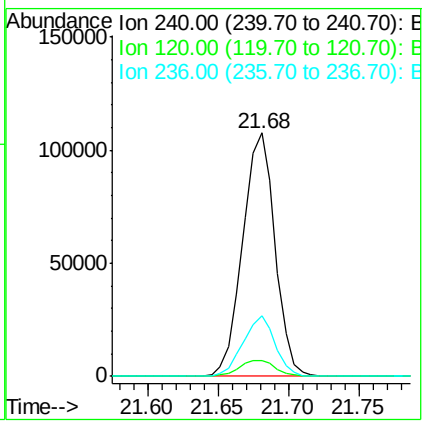


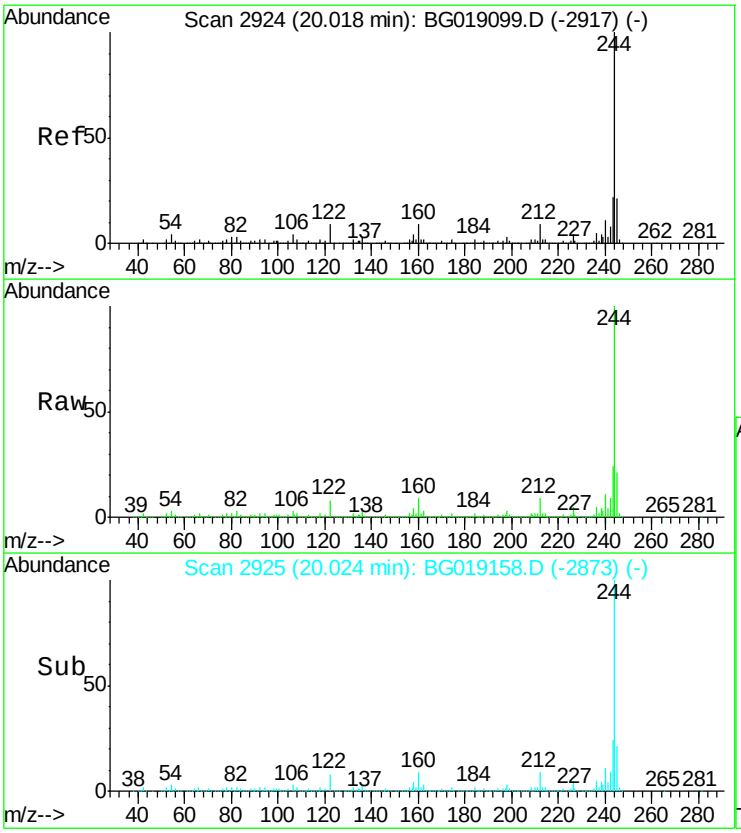
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3207
Delta R.T. -0.01 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tgt Ion:240 Resp: 173160

Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.8	8.6
236	24.9	21.2	31.8

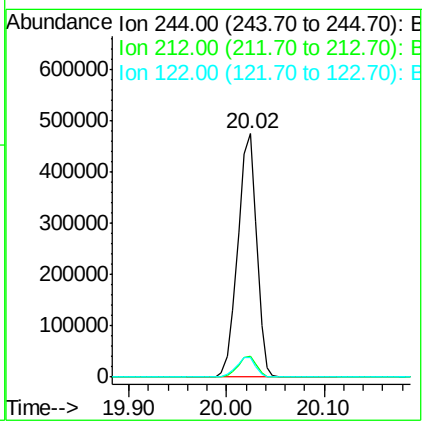


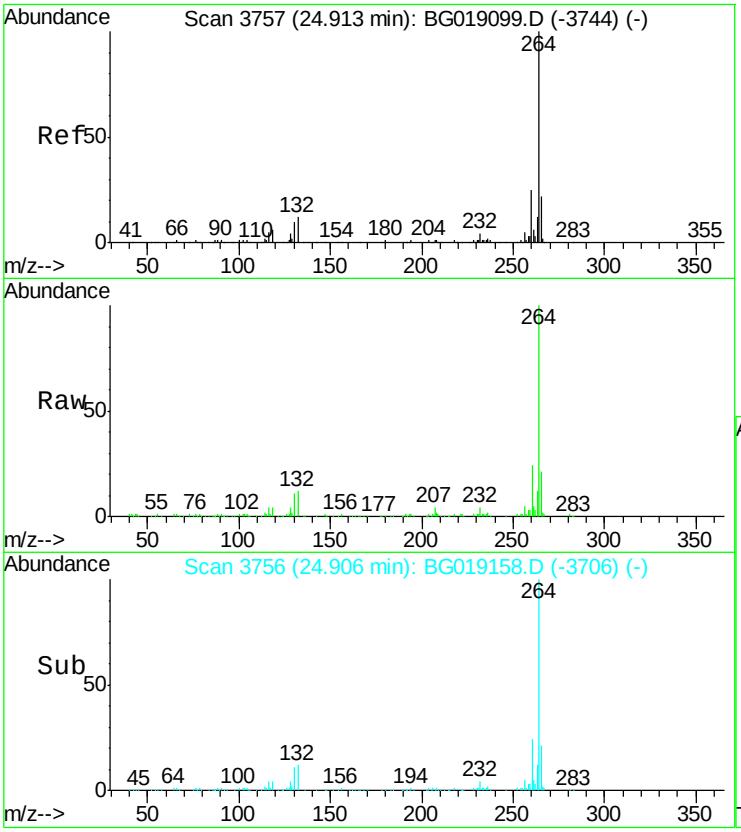


#78
Terphenyl-d14
Concen: 97.02 ng
RT: 20.02 min Scan# 2925
Delta R.T. 0.01 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Tgt Ion:244 Resp: 635994

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.8	10.2
122	7.9	7.4	11.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.01 min
Lab File: BG019158.D
Acq: 12 Oct 2015 12:24

Instrument :
BNA_G
ClientSampleId :
OW1-C2-GW

Tgt Ion:264 Resp: 171128

Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.1	30.1
265	21.2	17.2	25.8