Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019918.D
Acq On : 4 Dec 2015 23:39
Operator : UM/NP
Sample : G4630-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-36

Quant Time: Dec 05 01:16:56 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	32601	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	142544	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	122935	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	237892	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	292959	20.00	ng	-0.03
86) Perylene-d12	25.05	264	273430	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	128081	71.01	ng	-0.01
7) Phenol-d6	7.26	99	118764	43.61	ng	-0.01
23) Nitrobenzene-d5	9.29	82	281758	100.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.24	330	219524	116.71	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	664185	73.77	ng	-0.01
78) Terphenyl-d14	20.09	244	997988	83.09	ng	-0.02
Target Compounds						Qvalue

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

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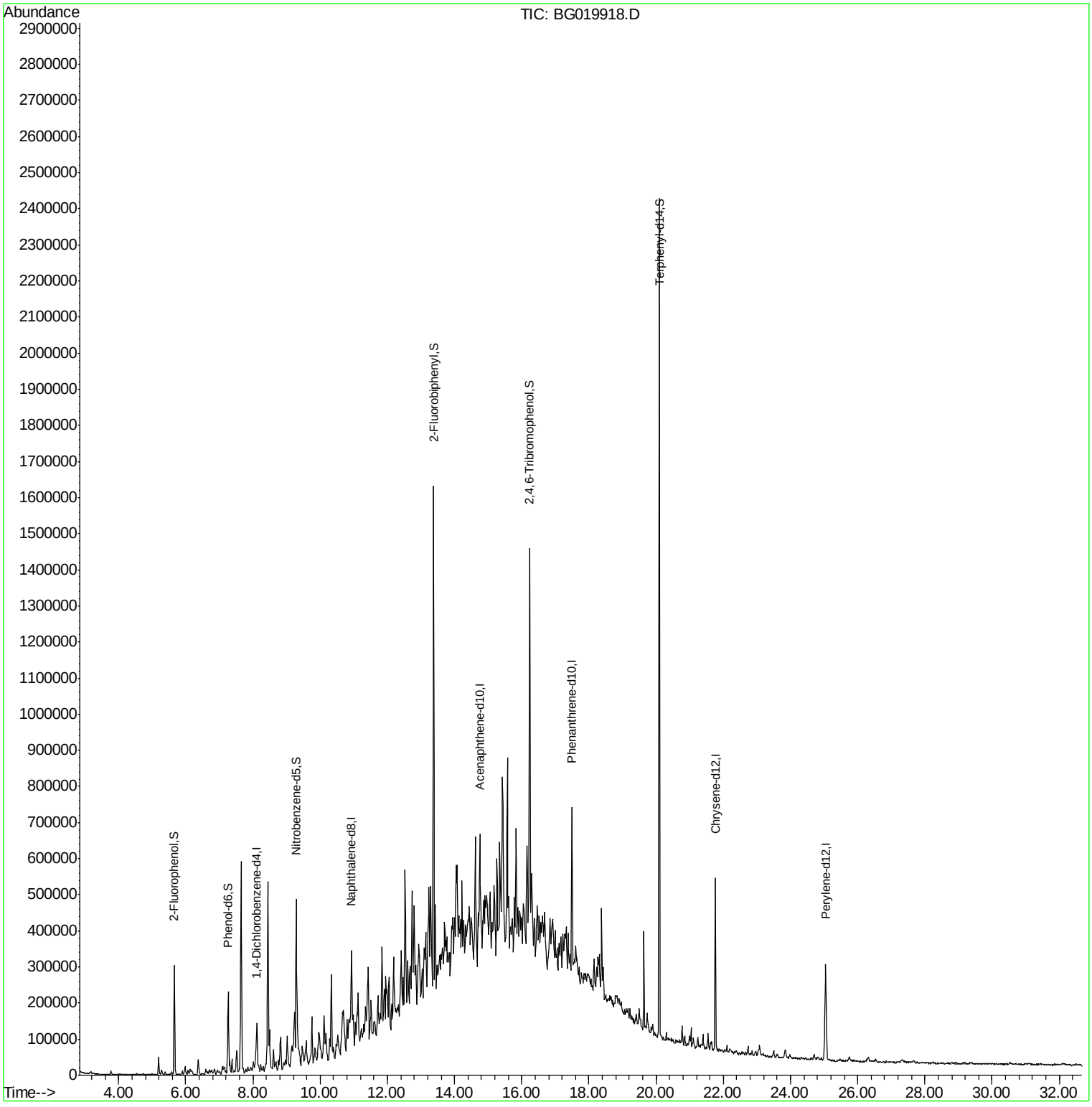
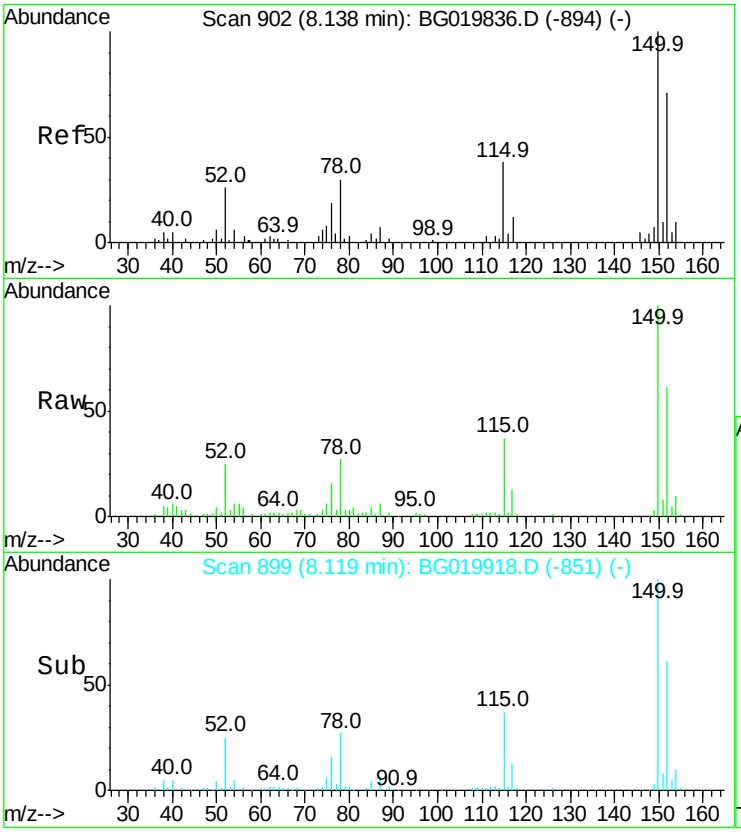


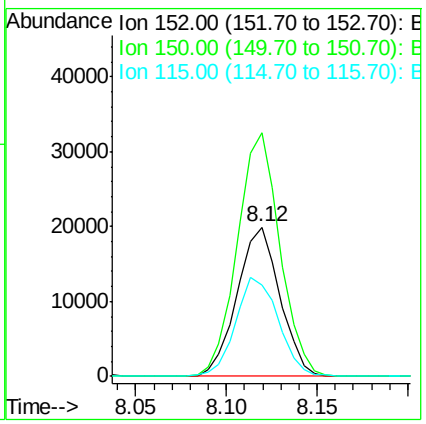


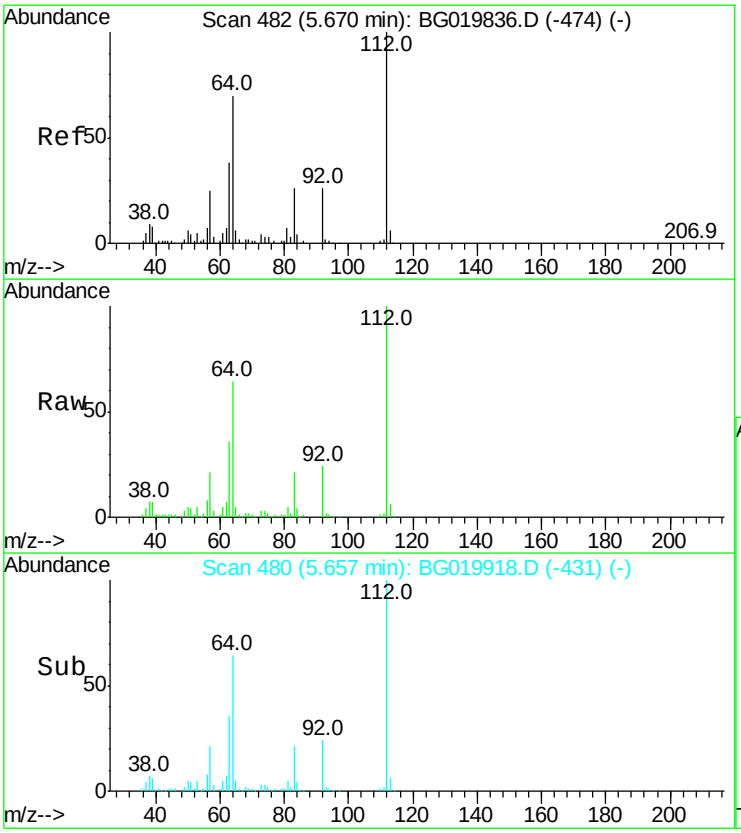
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:152 Resp: 32601

Ion	Ratio	Lower	Upper
152	100		
150	163.5	115.0	172.4
115	61.1	43.9	65.9

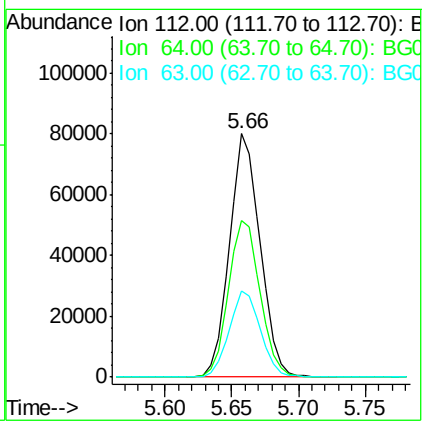


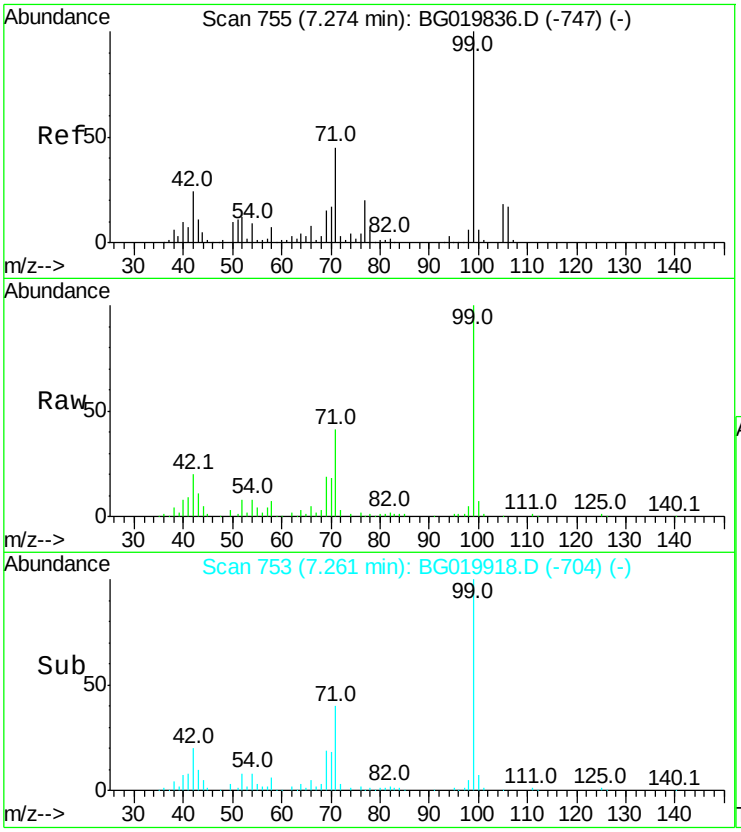


#5
2-Fluorophenol
Concen: 71.01 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Tgt Ion:112 Resp: 128081

Ion	Ratio	Lower	Upper
112	100		
64	64.4	43.7	65.5
63	35.5	24.0	36.0



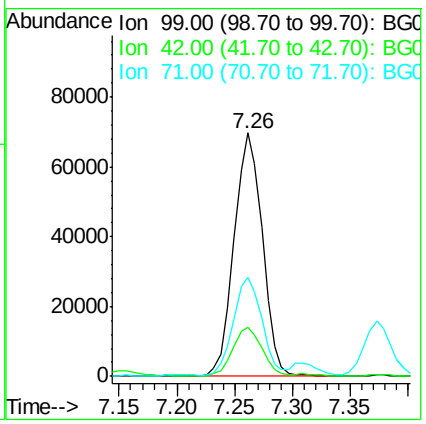


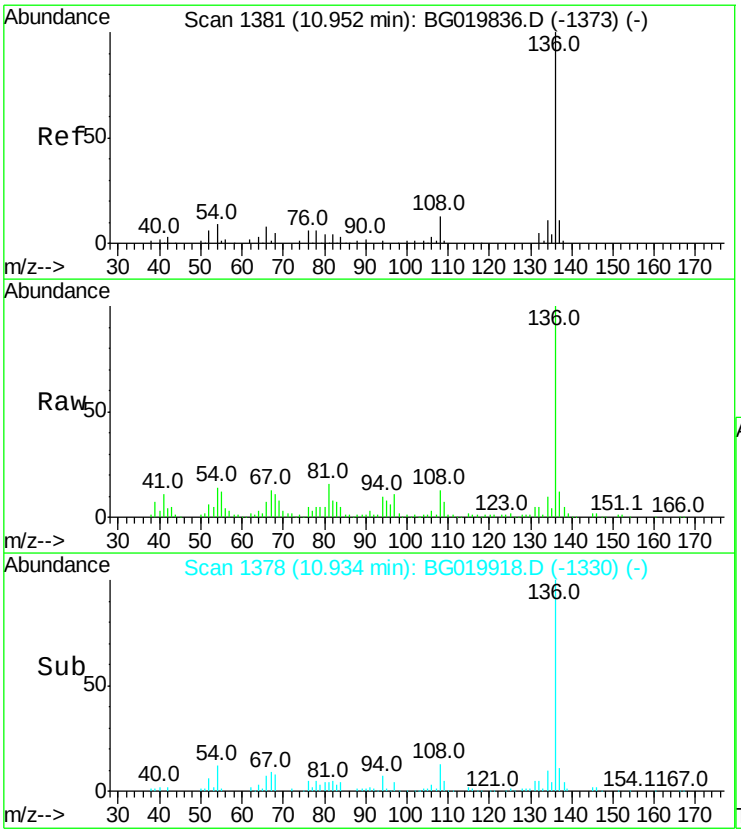
#7
Phenol-d6
Concen: 43.61 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion: 99 Resp: 118764

Ion	Ratio	Lower	Upper
99	100		
42	20.2	11.5	17.3#
71	40.6	22.6	34.0#

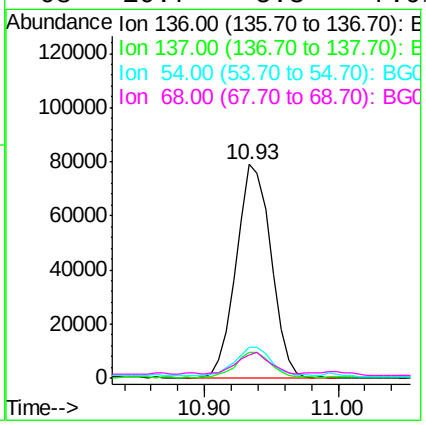


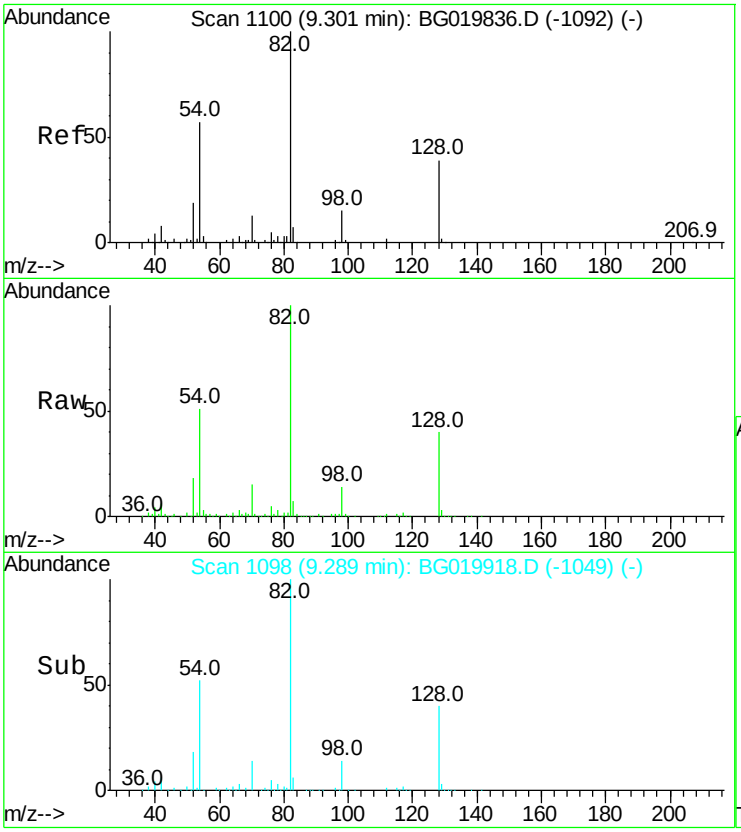


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Tgt Ion:136 Resp: 142544

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	12.8
54	14.2	5.4	8.2#
68	10.7	5.3	7.9#



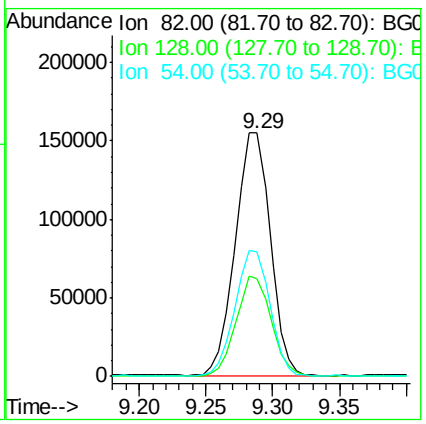


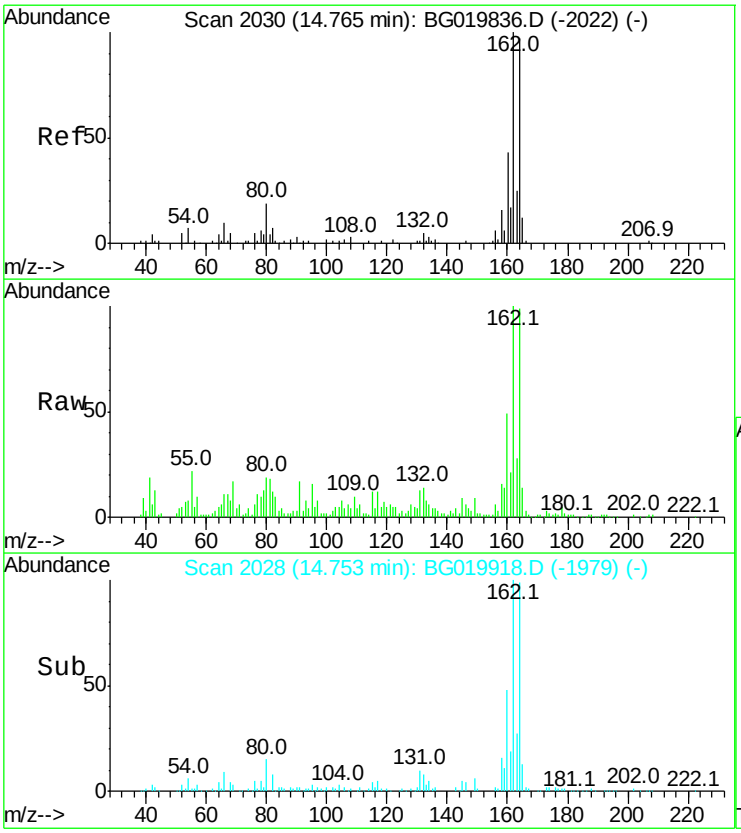
#23
Nitrobenzene-d5
Concen: 100.88 ng
RT: 9.29 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion: 82 Resp: 281758

Ion	Ratio	Lower	Upper
82	100		
128	39.9	36.7	55.1
54	51.2	33.8	50.8#

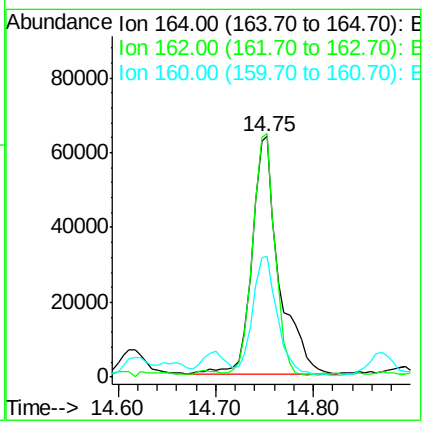


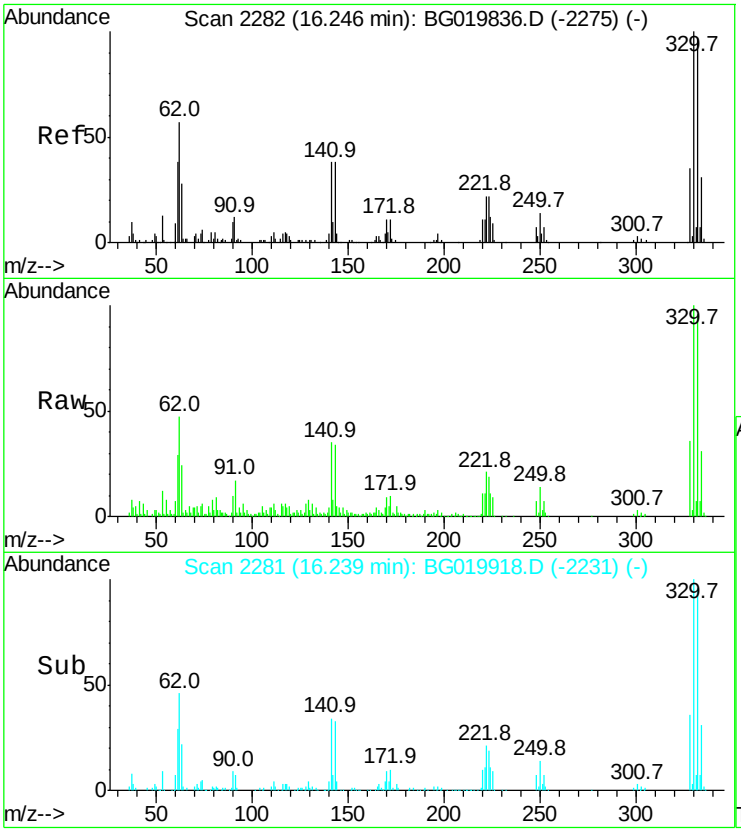


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Tgt Ion:164 Resp: 122935

Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	49.9	36.4	54.6



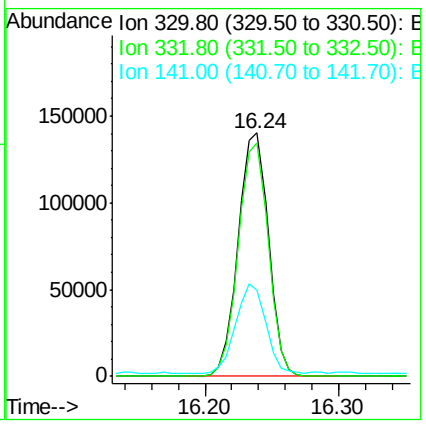


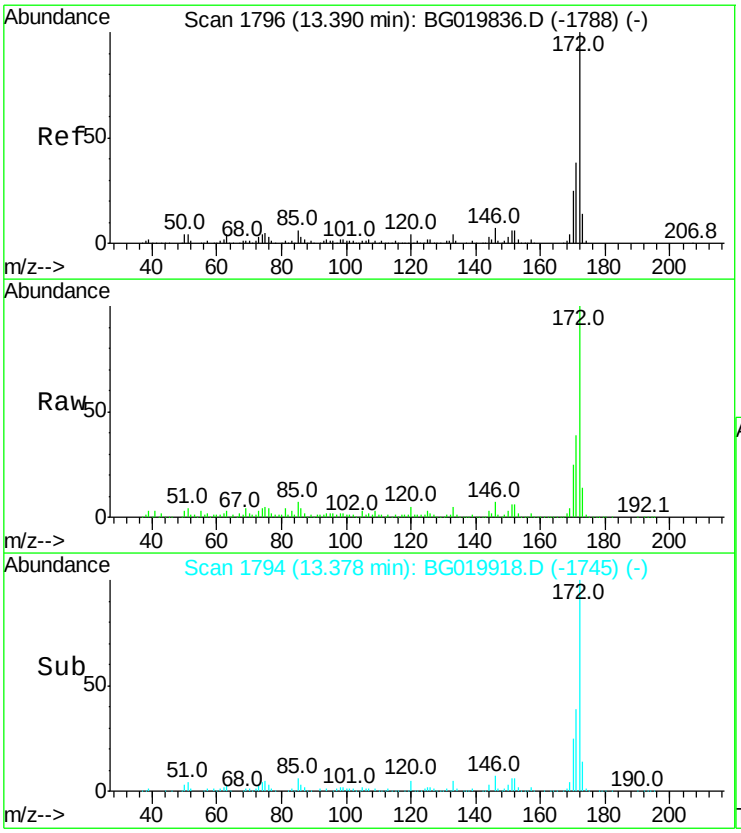
#41
2,4,6-Tribromophenol
Concen: 116.71 ng
RT: 16.24 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:330 Resp: 219524

Ion	Ratio	Lower	Upper
330	100		
332	95.2	78.1	117.1
141	36.6	28.2	42.2

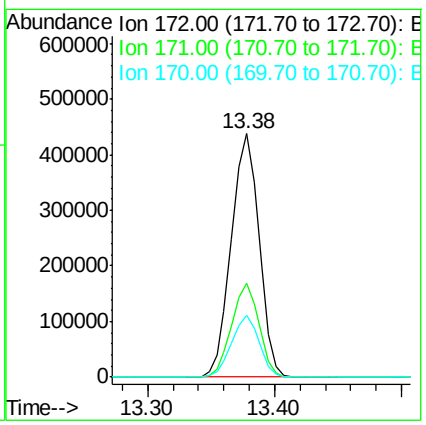


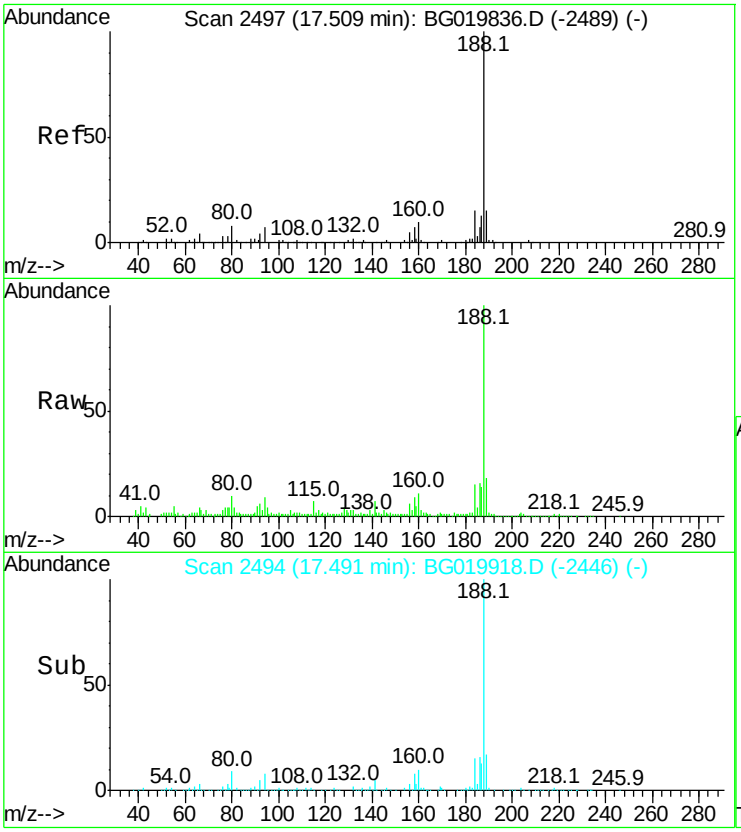


#44
2-Fluorobiphenyl
Concen: 73.77 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Tgt Ion:172 Resp: 664185

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.0	43.6
170	25.4	19.9	29.9



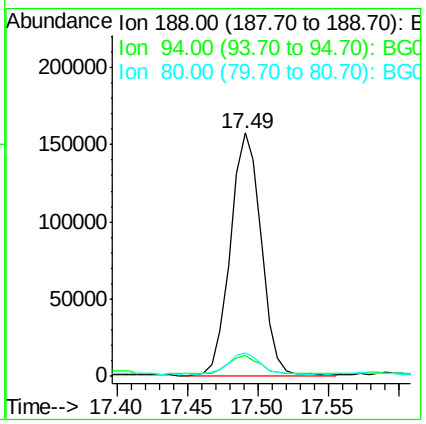


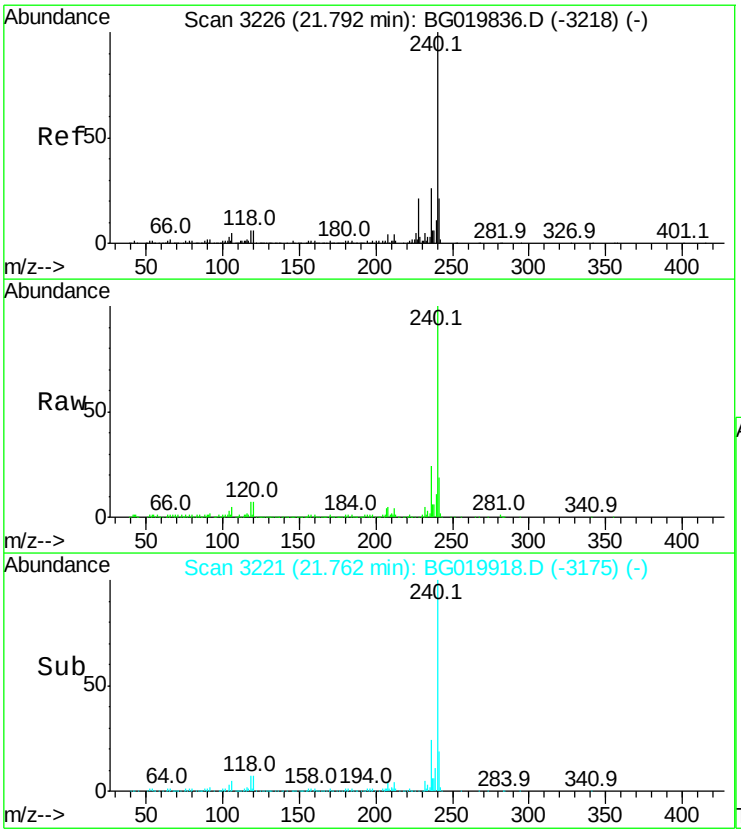
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.02 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:188 Resp: 237892

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.7	11.5
80	9.9	7.8	11.8

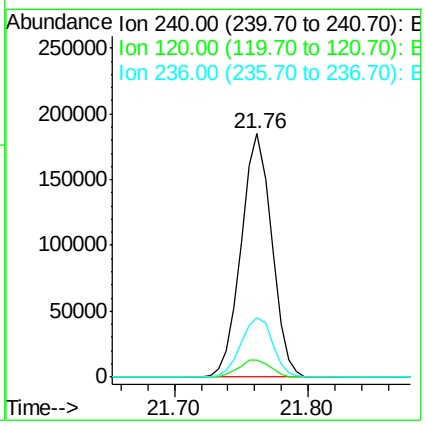


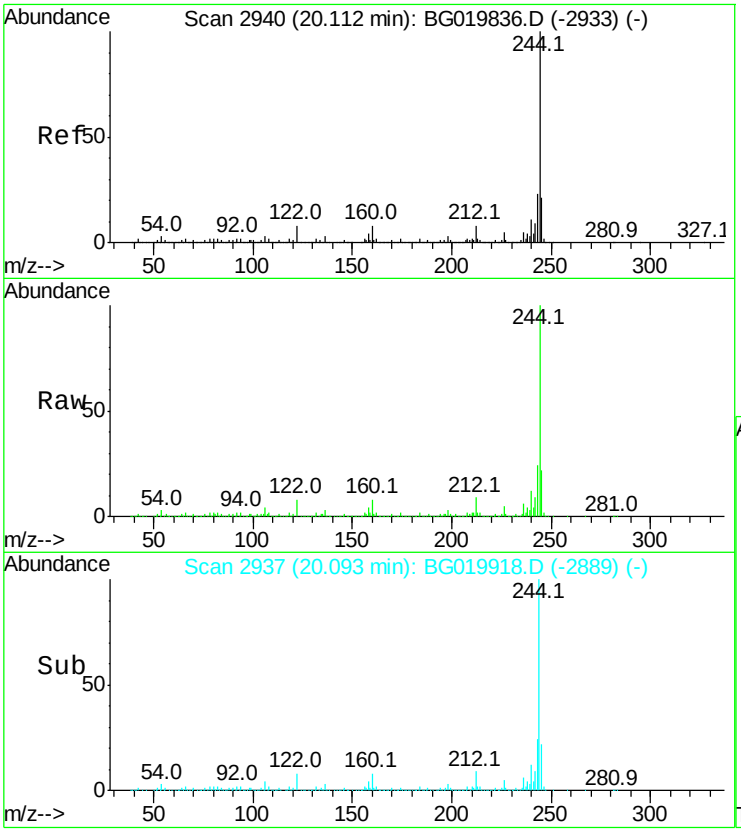


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.03 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Tgt Ion:240 Resp: 292959

Ion	Ratio	Lower	Upper
240	100		
120	6.8	7.4	11.0#
236	24.3	20.7	31.1



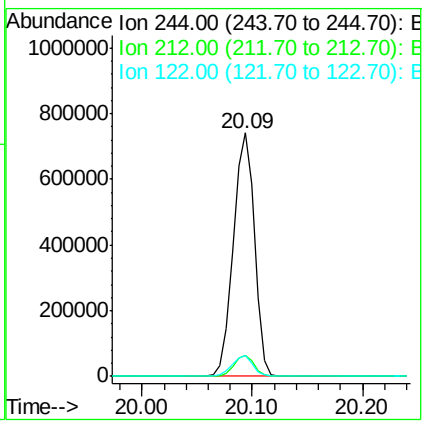


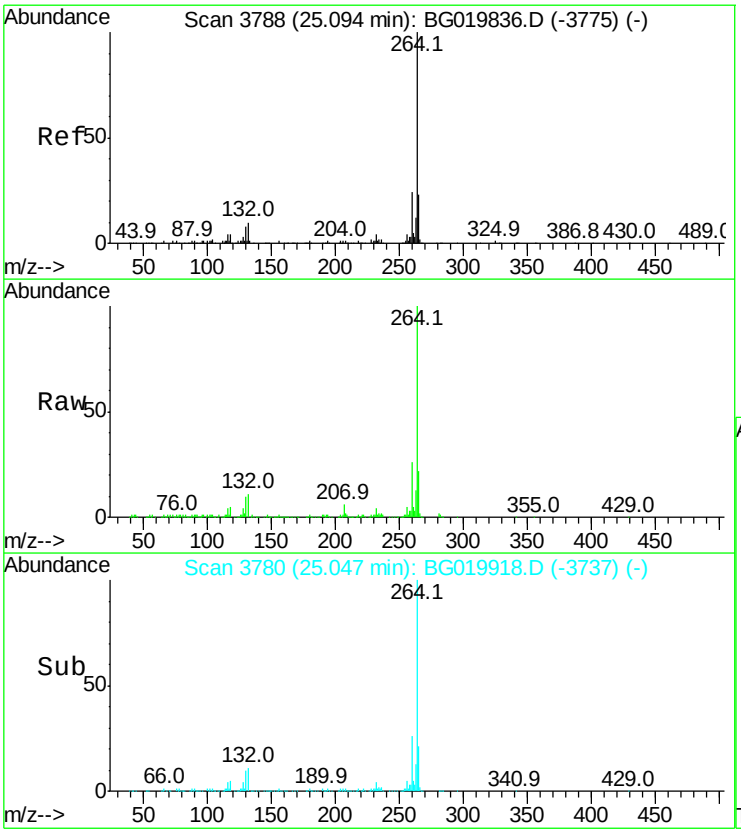
#78
Terphenyl-d14
Concen: 83.09 ng
RT: 20.09 min Scan# 2937
Delta R.T. -0.02 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Instrument :
BNA_G
ClientSampleId :
MW-36

Tgt Ion:244 Resp: 997988

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.9	10.3
122	8.5	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.05 min Scan# 3780
Delta R.T. -0.05 min
Lab File: BG019918.D
Acq: 4 Dec 2015 23:39

Tgt Ion:264 Resp: 273430

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.5	27.7
265	21.6	17.2	25.8