Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020100.D
Acq On : 11 Dec 2015 8:01
Operator : UM/SJ
Sample : G4729-05
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-11

Quant Time: Dec 11 10:45:21 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	8.11	152	18371	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	81872	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	55559	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	135950	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	168417	20.00	ng	-0.04
86) Perylene-d12	25.03	264	155122	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	70835	69.69	ng	-0.01
7) Phenol-d6	7.26	99	66316	43.21	ng	-0.02
23) Nitrobenzene-d5	9.28	82	155495	96.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	117052	137.69	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	384624	94.52	ng	-0.02
78) Terphenyl-d14	20.08	244	647038	93.71	ng	-0.03
Target Compounds						Qvalue

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

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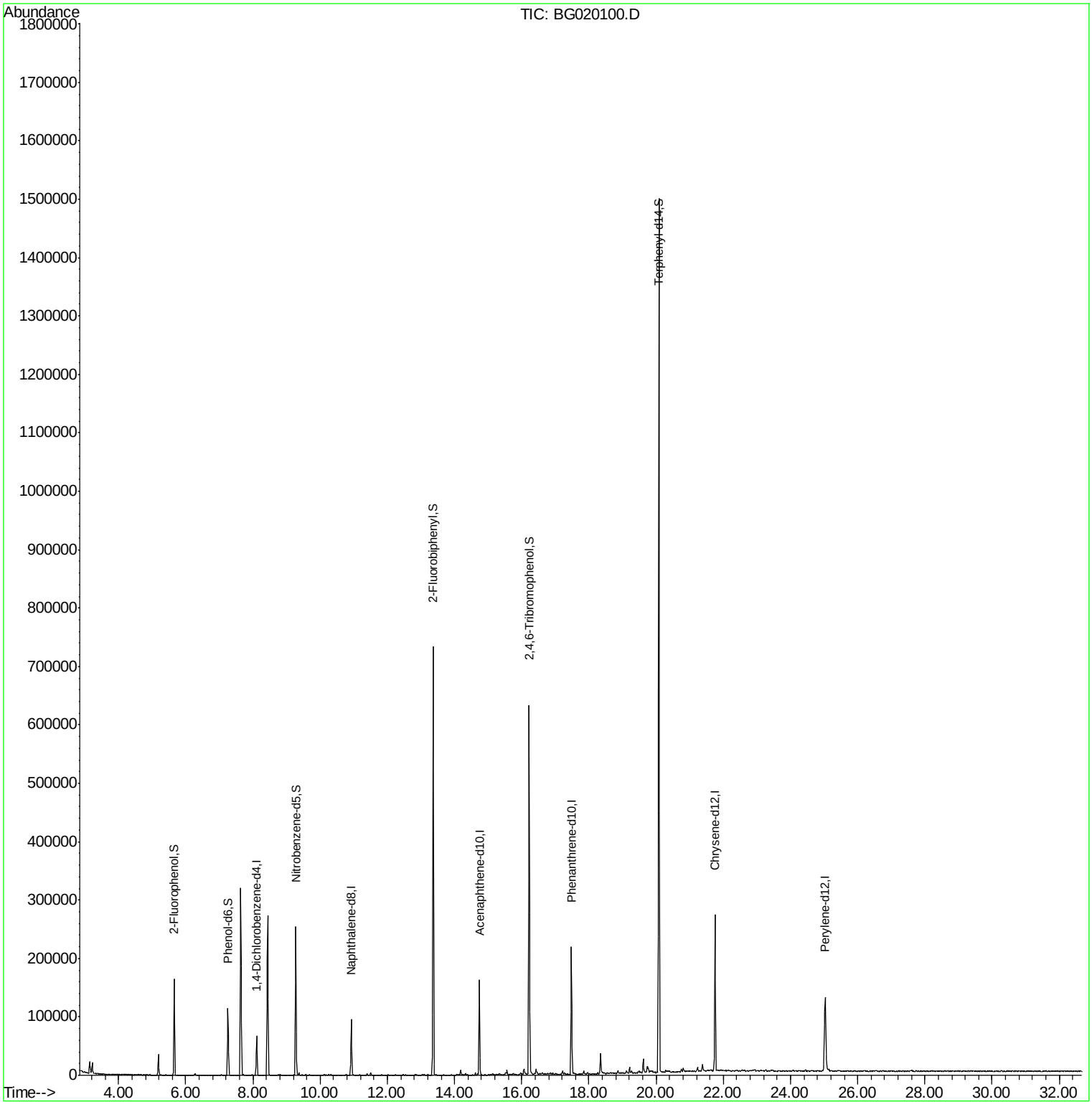
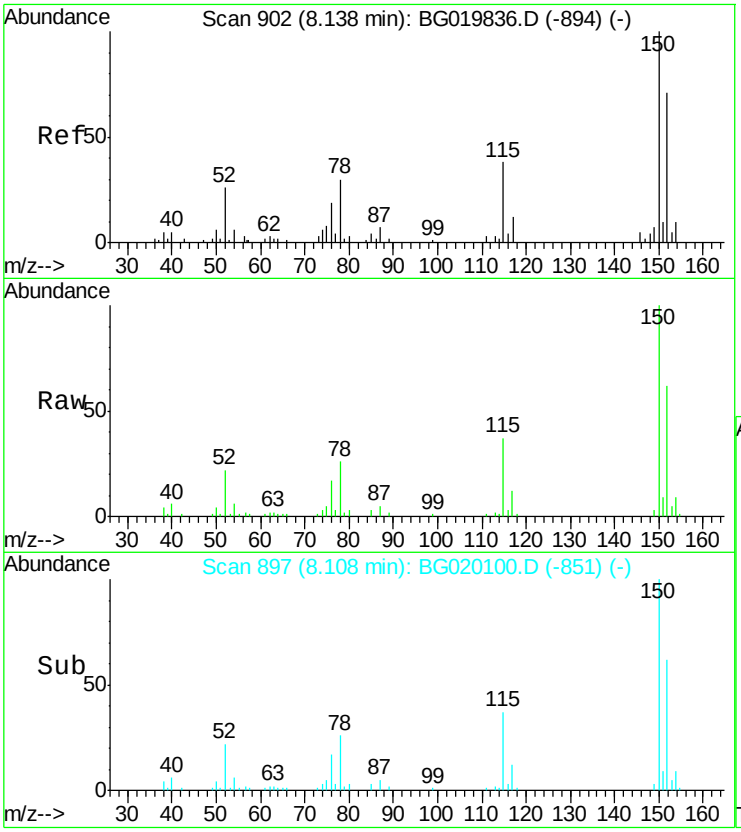


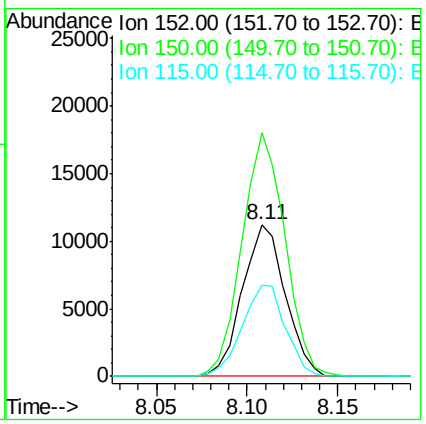


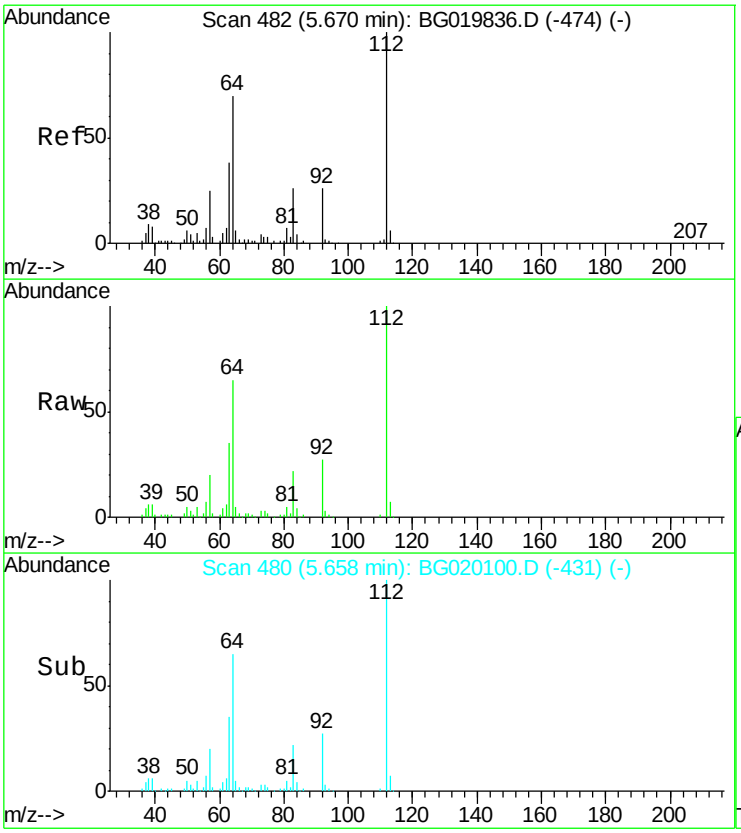
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Instrument :
BNA_G
ClientSampleId :
W-11

Tgt Ion:152 Resp: 18371

Ion	Ratio	Lower	Upper
152	100		
150	160.8	115.0	172.4
115	60.0	43.9	65.9

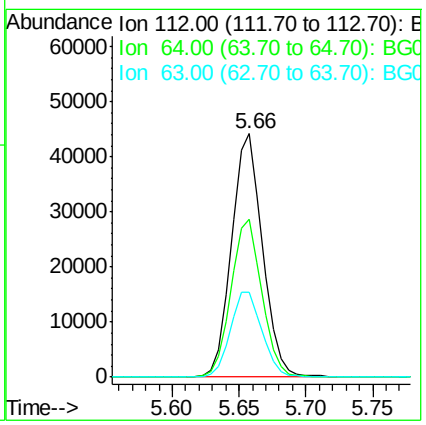


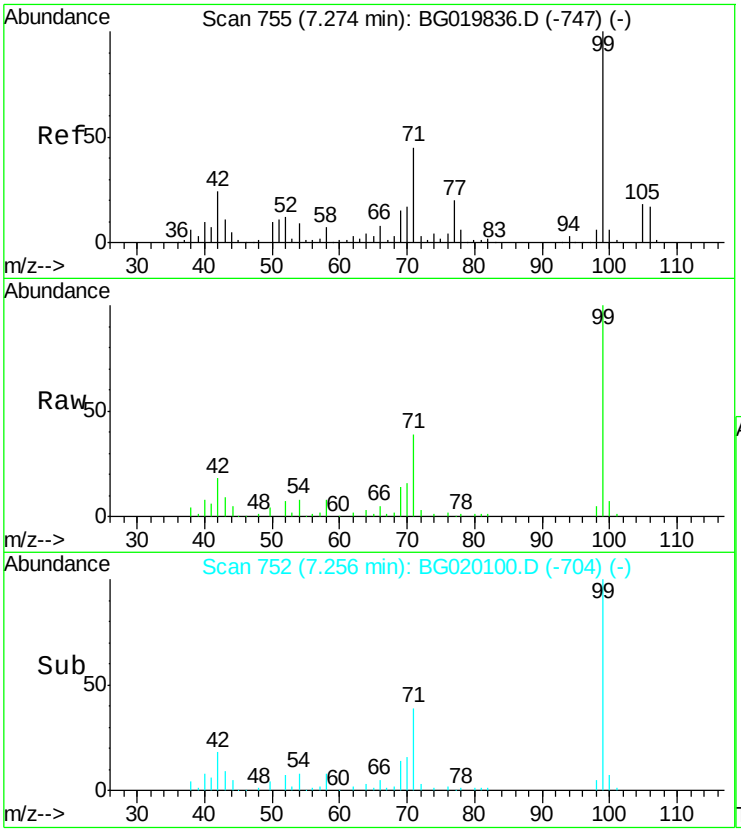


#5
2-Fluorophenol
Concen: 69.69 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Tgt Ion:112 Resp: 70835

Ion	Ratio	Lower	Upper
112	100		
64	64.7	43.7	65.5
63	34.8	24.0	36.0



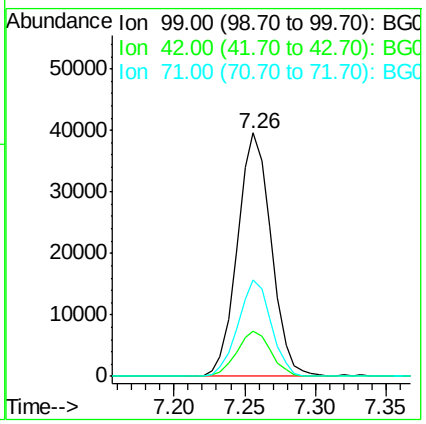


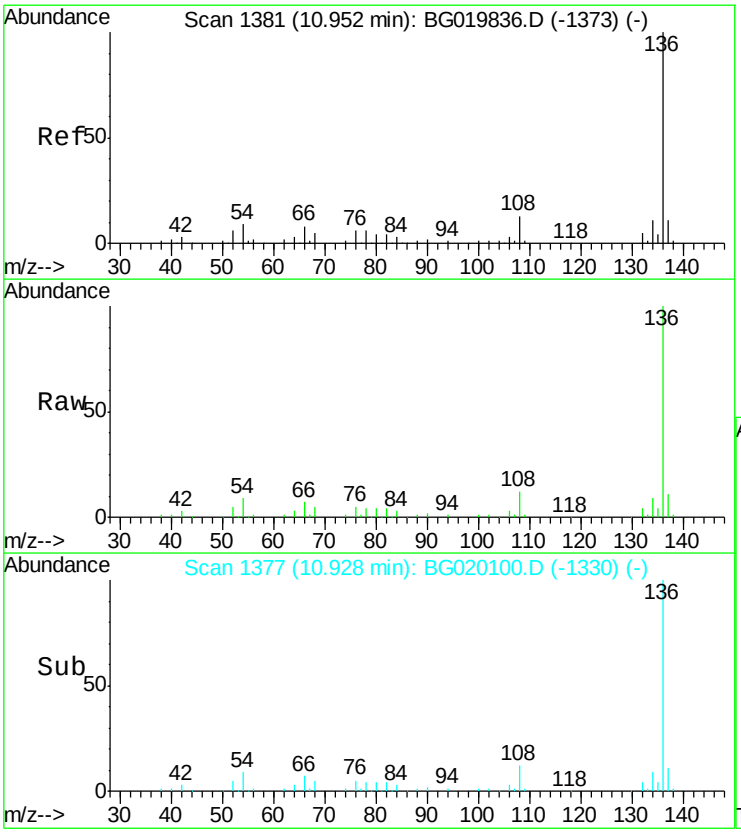
#7
Phenol-d6
Concen: 43.21 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Instrument :
BNA_G
ClientSampleId :
W-11

Tgt Ion: 99 Resp: 66316

Ion	Ratio	Lower	Upper
99	100		
42	18.4	11.5	17.3#
71	39.4	22.6	34.0#

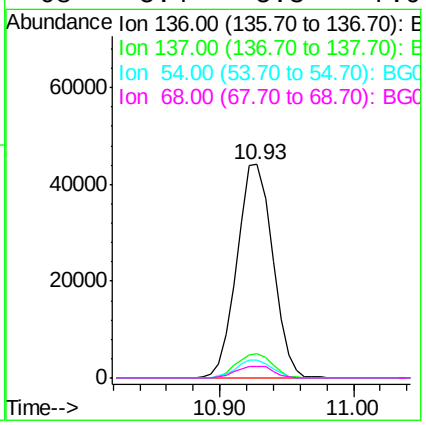


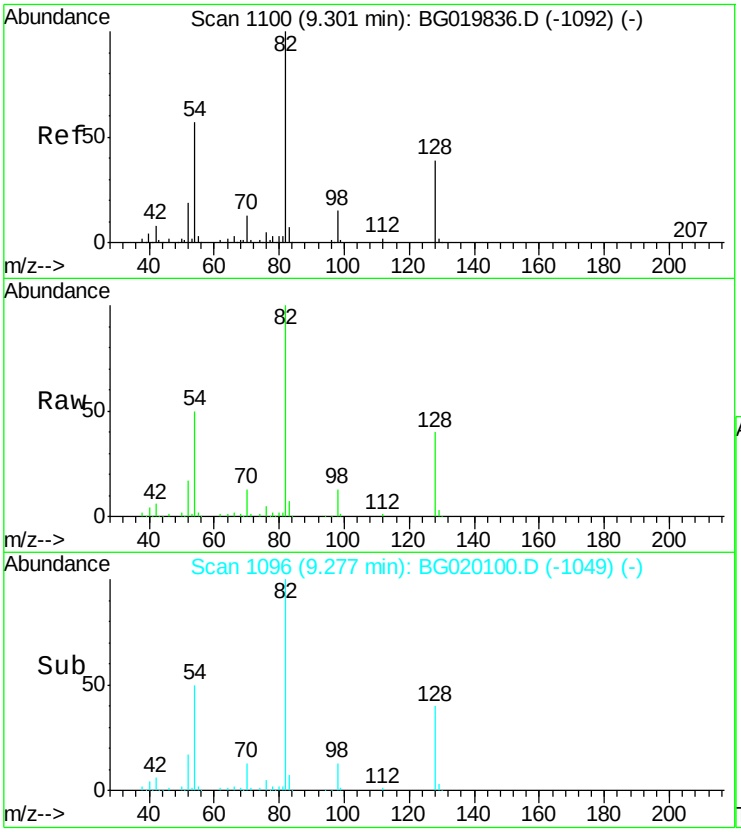


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Tgt Ion:136 Resp: 81872

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.7	5.4	8.2#
68	5.4	5.3	7.9



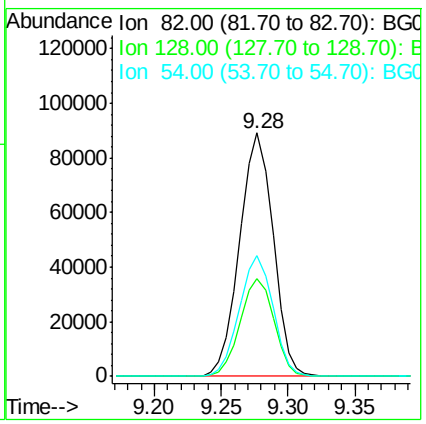


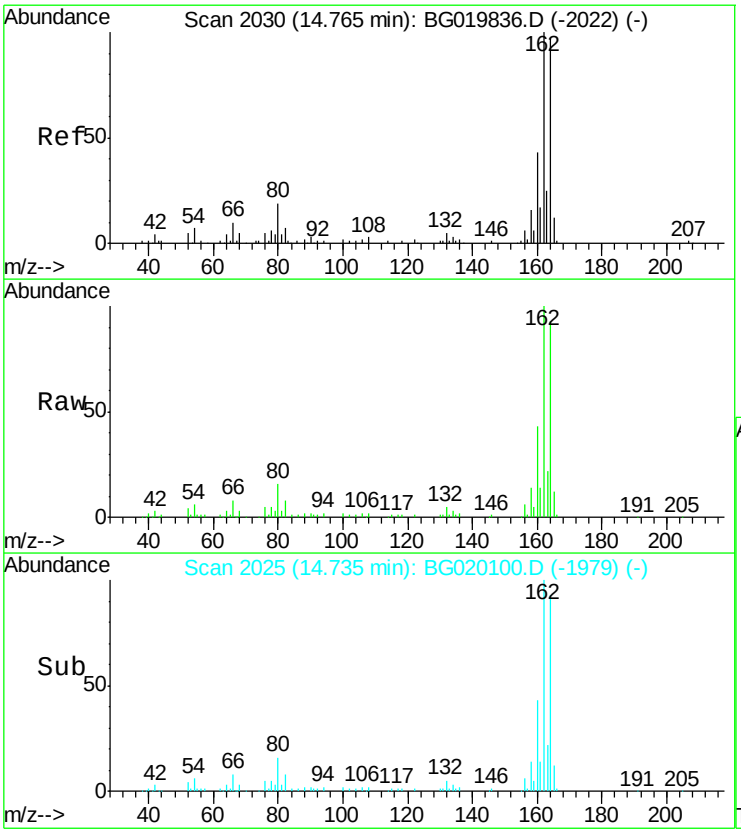
#23
Nitrobenzene-d5
Concen: 96.93 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Instrument :
BNA_G
ClientSampleId :
W-11

Tgt Ion: 82 Resp: 155495

Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.7	55.1
54	49.7	33.8	50.8

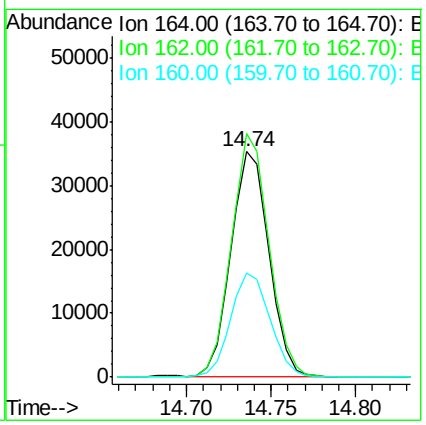


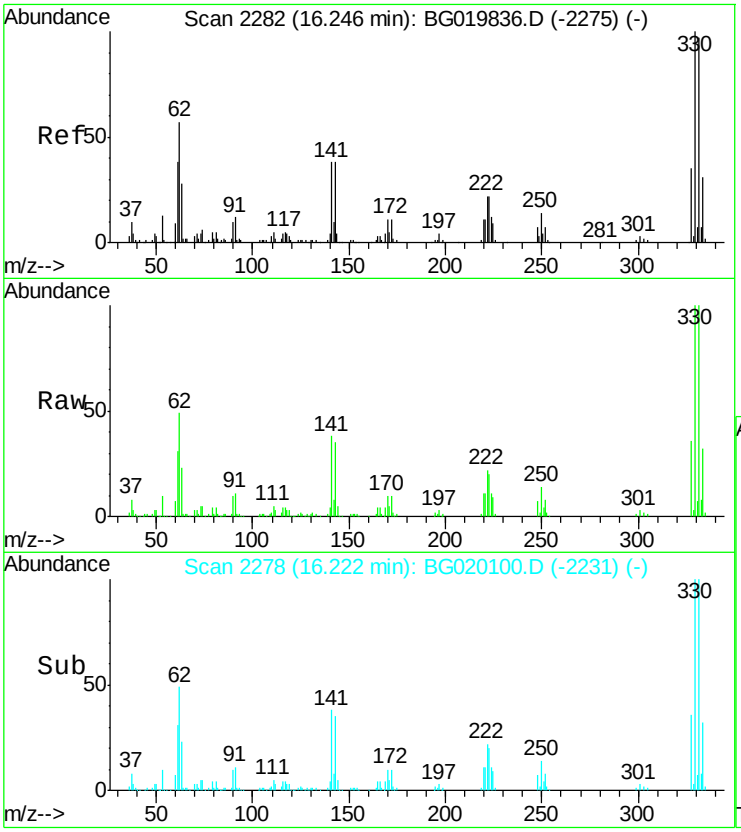


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Tgt Ion:164 Resp: 55559

Ion	Ratio	Lower	Upper
164	100		
162	108.0	78.8	118.2
160	46.3	36.4	54.6



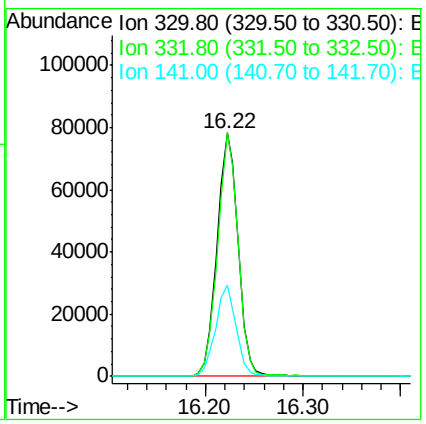


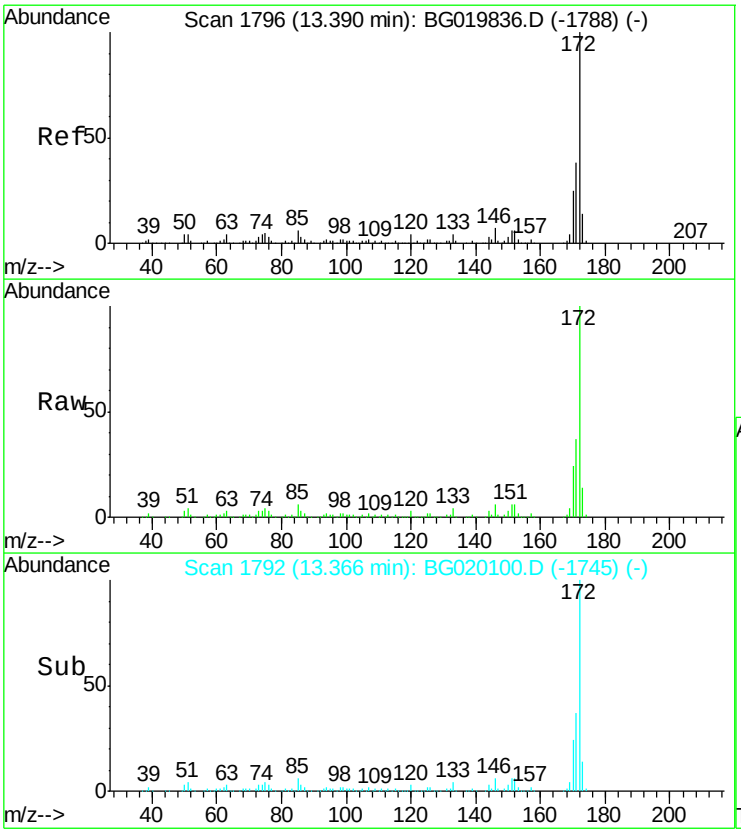
#41
2,4,6-Tribromophenol
Concen: 137.69 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Instrument :
BNA_G
ClientSampleId :
W-11

Tgt Ion:330 Resp: 117052

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.1	117.1
141	36.4	28.2	42.2

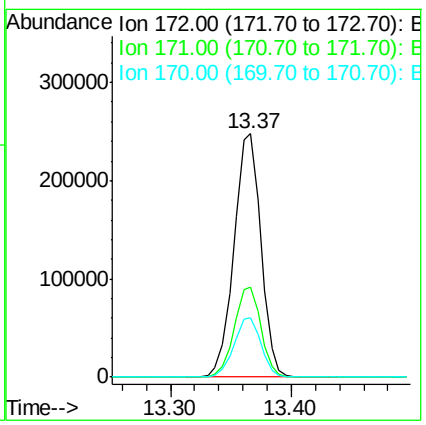


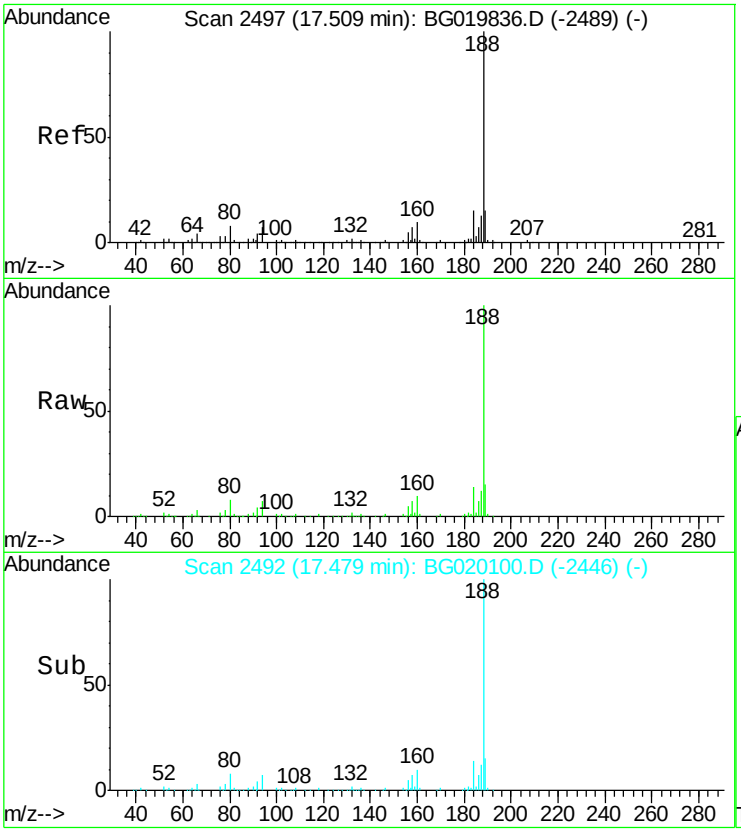


#44
2-Fluorobiphenyl
Concen: 94.52 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Tgt Ion:172 Resp: 384624

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.3	19.9	29.9



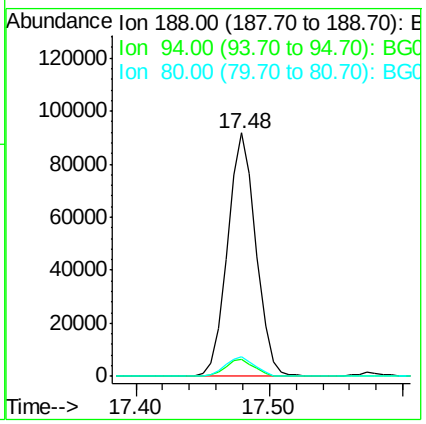


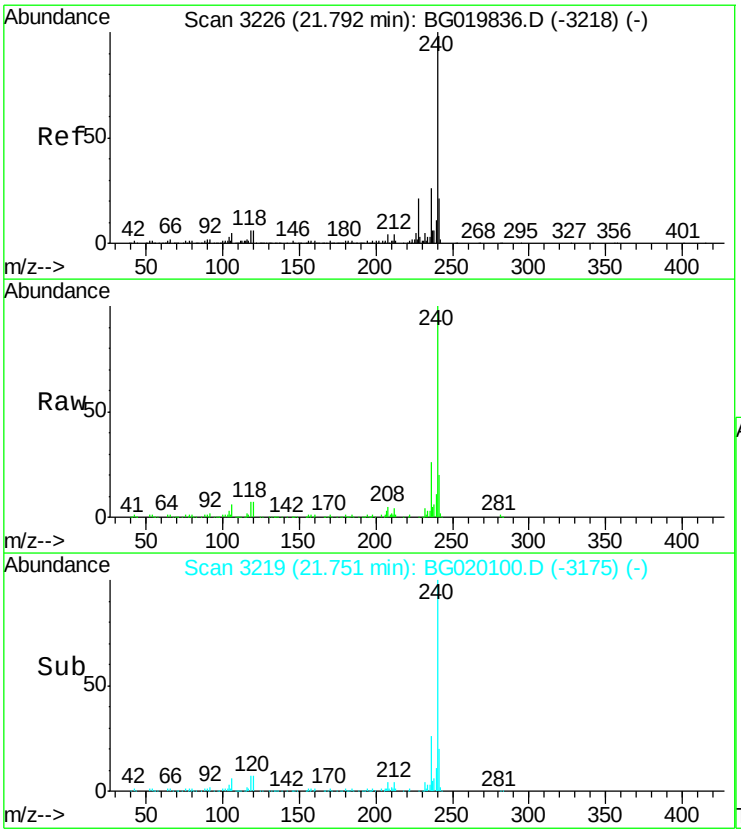
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Instrument :
BNA_G
ClientSampleId :
W-11

Tgt Ion:188 Resp: 135950

Ion	Ratio	Lower	Upper
188	100		
94	6.9	7.7	11.5#
80	7.9	7.8	11.8

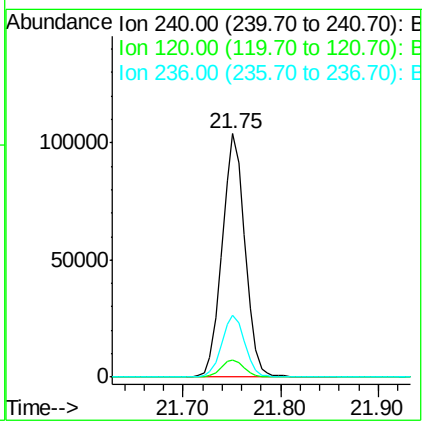


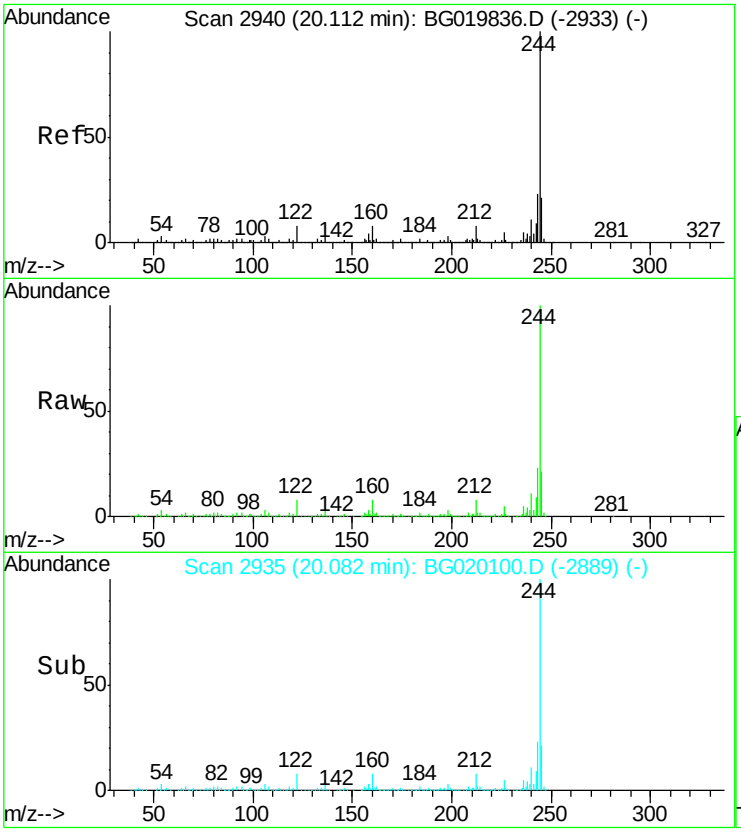


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Tgt Ion:240 Resp: 168417

Ion	Ratio	Lower	Upper
240	100		
120	7.2	7.4	11.0#
236	25.6	20.7	31.1



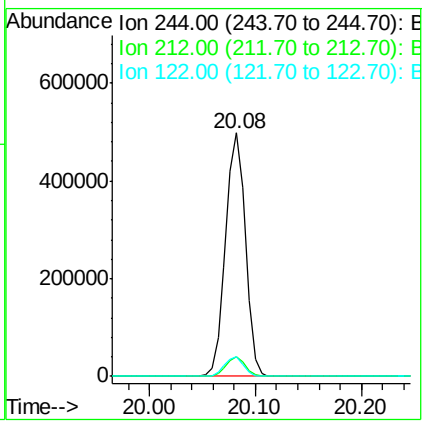


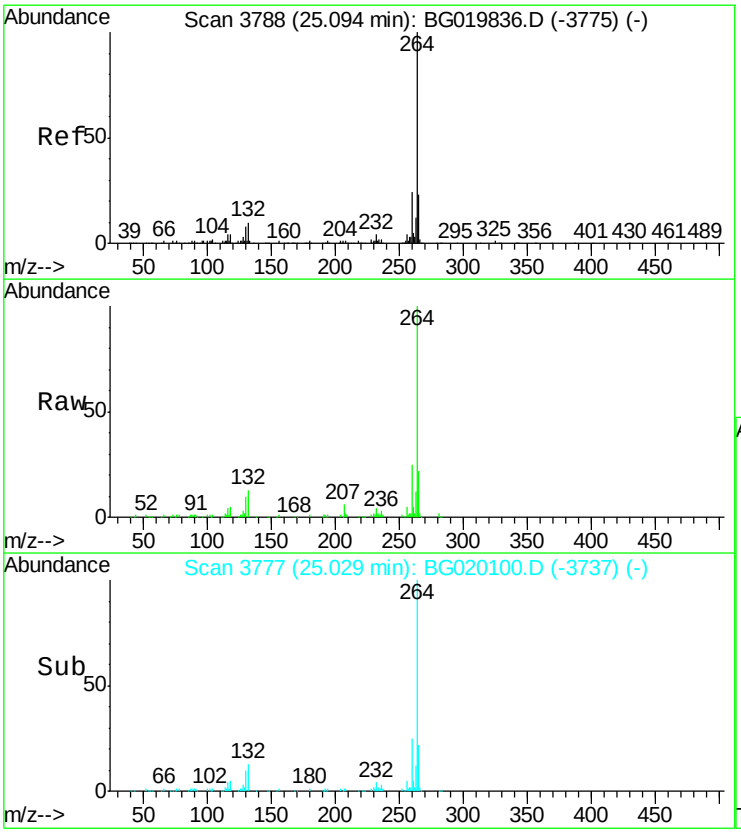
#78
Terphenyl-d14
Concen: 93.71 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Instrument :
BNA_G
ClientSampleId :
W-11

Tgt Ion:244 Resp: 647038

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	8.1	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3777
Delta R.T. -0.07 min
Lab File: BG020100.D
Acq: 11 Dec 2015 8:01

Tgt Ion:264 Resp: 155122

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.5	27.7
265	21.7	17.2	25.8