Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
Data File : BG020099.D
Acq On : 11 Dec 2015 7:22
Operator : UM/SJ
Sample : G4729-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-05

Quant Time: Dec 11 10:47:19 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	19606	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	80256	20.00	ng	-0.02
38) Acenaphthene-d10	14.73	164	53600	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	131248	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	167779	20.00	ng	-0.04
86) Perylene-d12	25.02	264	155579	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	68912	63.53	ng	-0.01
7) Phenol-d6	7.26	99	65209	39.81	ng	-0.02
23) Nitrobenzene-d5	9.28	82	146281	93.02	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	111398	135.83	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	350011	89.16	ng	-0.02
78) Terphenyl-d14	20.08	244	572146	83.18	ng	-0.03
Target Compounds						Qvalue

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

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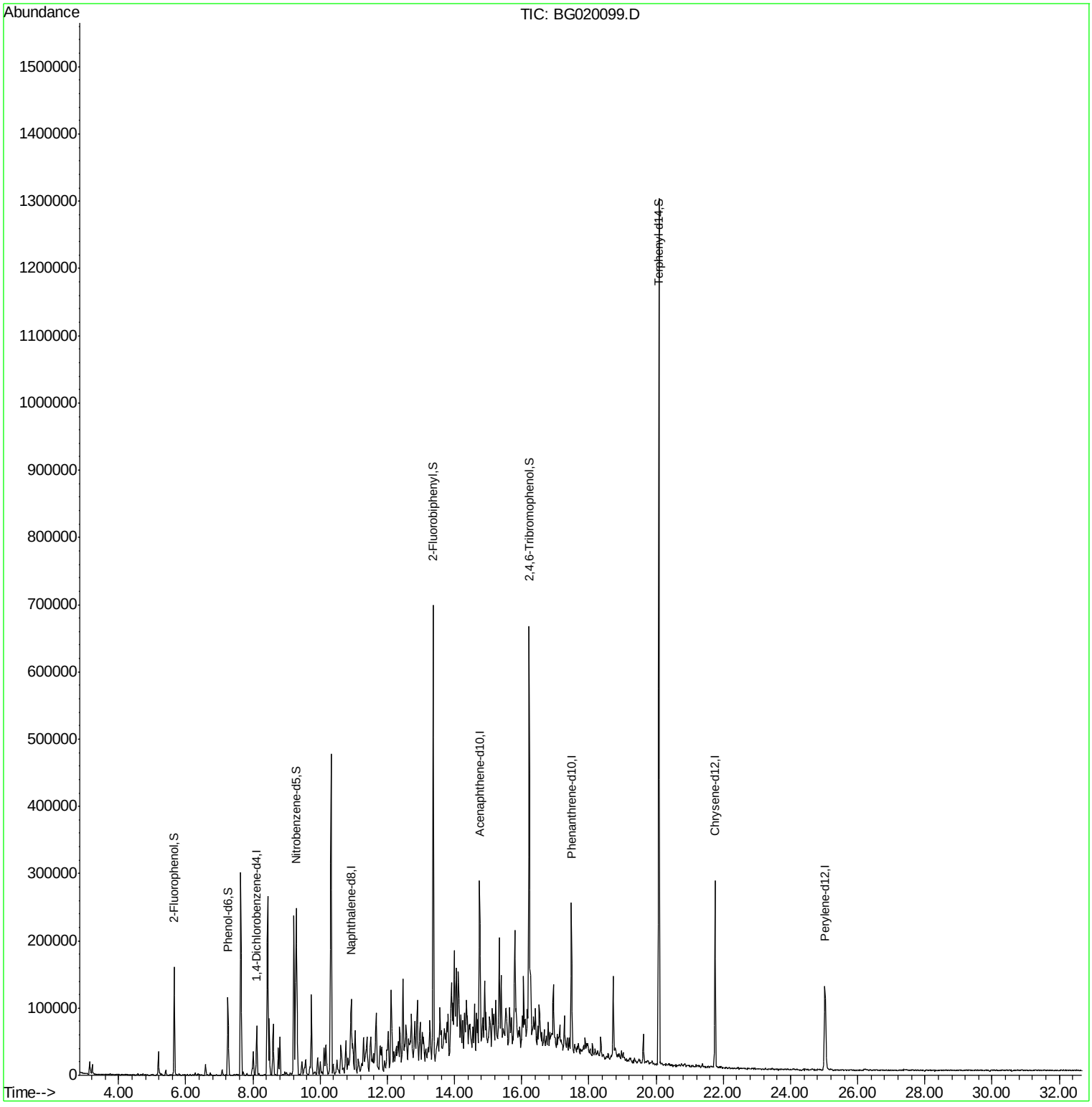
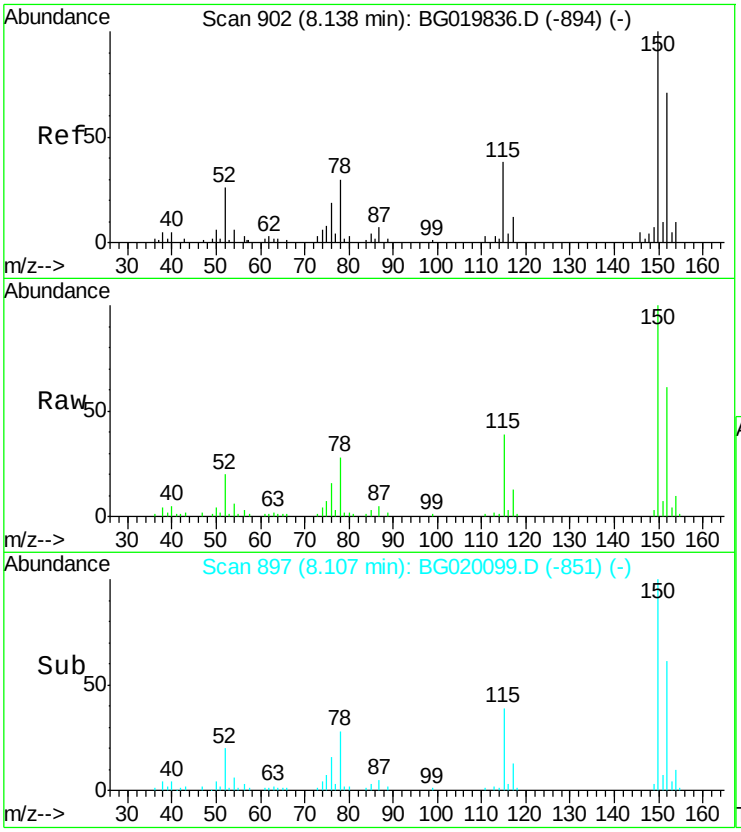


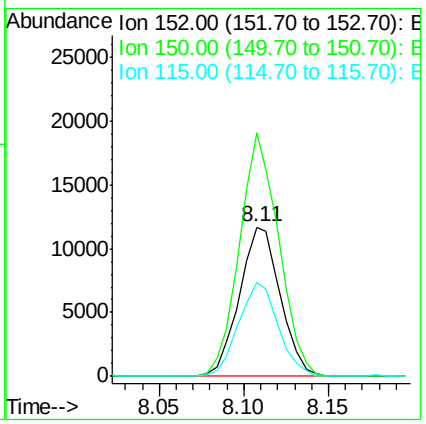


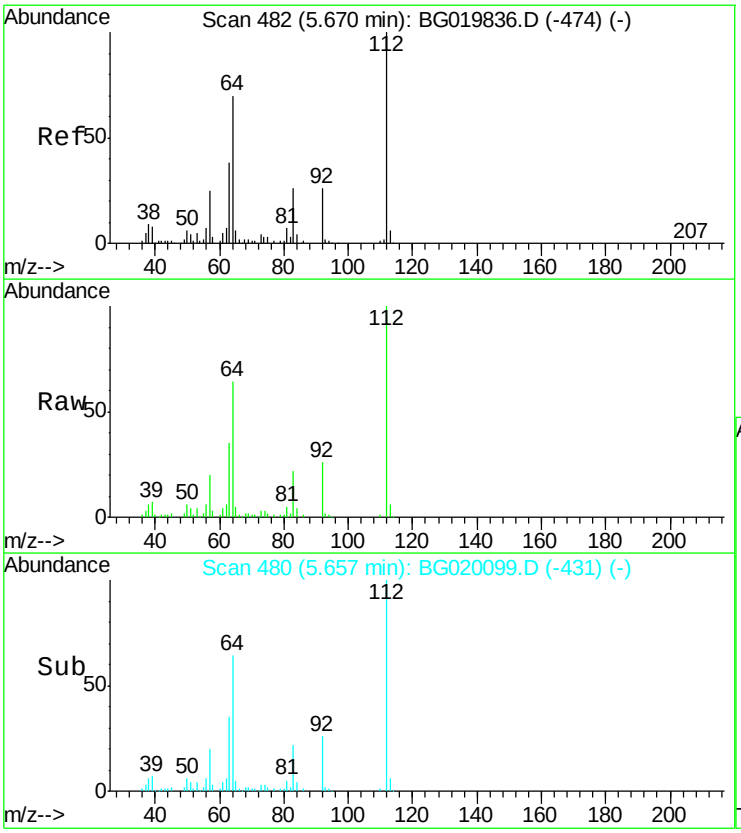
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Instrument :
BNA_G
ClientSampleId :
W-05

Tgt Ion:152 Resp: 19606

Ion	Ratio	Lower	Upper
152	100		
150	163.5	115.0	172.4
115	63.0	43.9	65.9

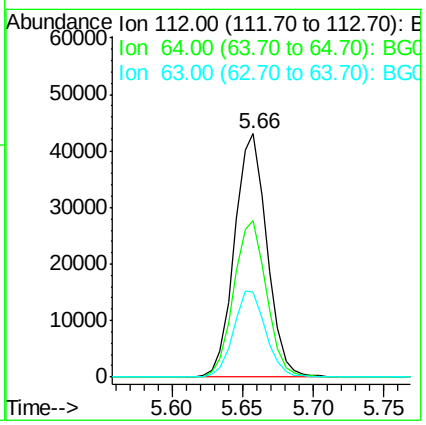


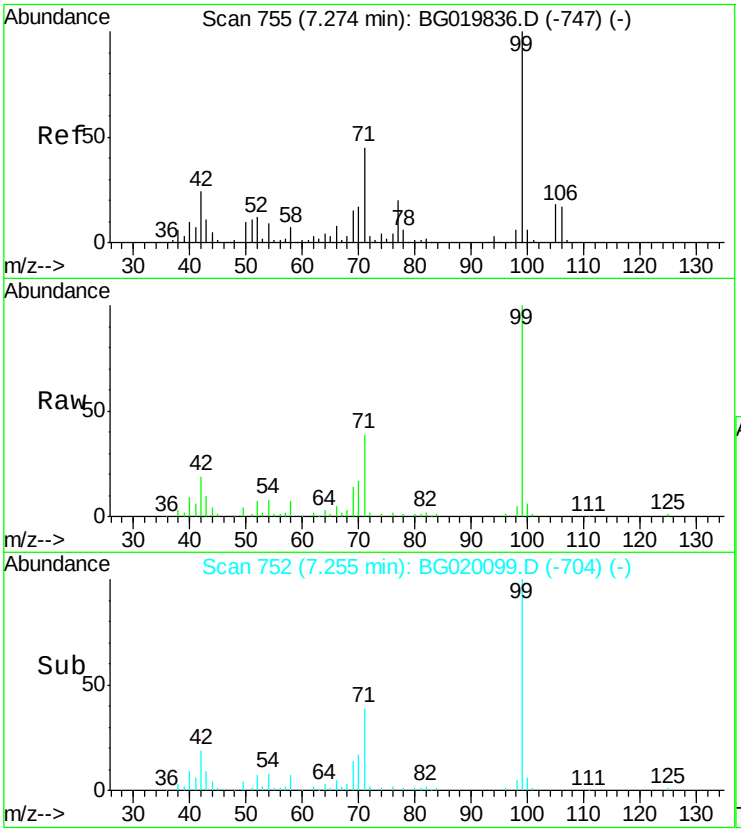


#5
2-Fluorophenol
Concen: 63.53 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Tgt Ion:112 Resp: 68912

Ion	Ratio	Lower	Upper
112	100		
64	64.5	43.7	65.5
63	35.0	24.0	36.0



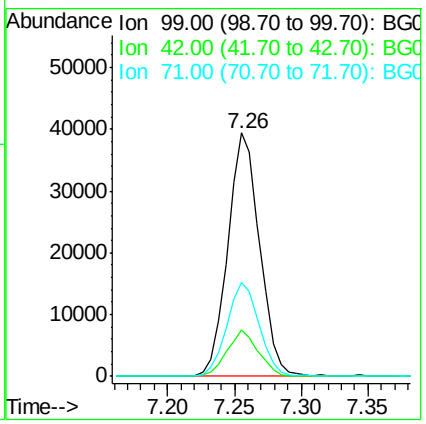


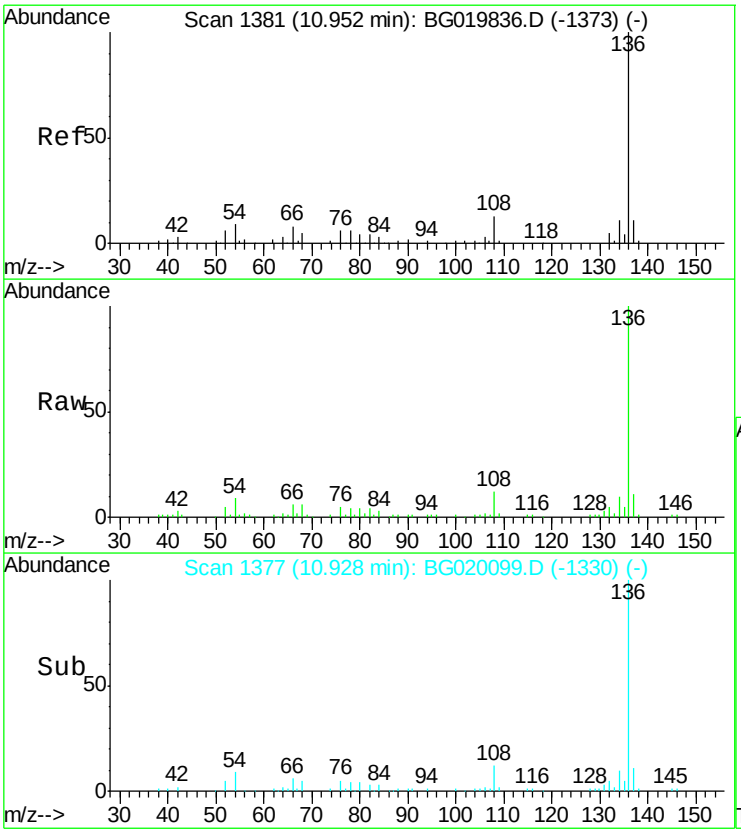
#7
Phenol-d6
Concen: 39.81 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.02 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Instrument :
BNA_G
ClientSampleId :
W-05

Tgt Ion: 99 Resp: 65209

Ion	Ratio	Lower	Upper
99	100		
42	19.0	11.5	17.3#
71	38.6	22.6	34.0#

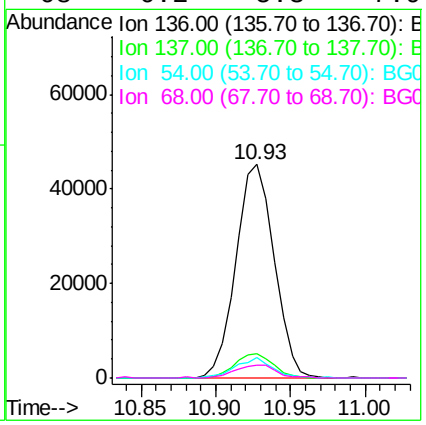


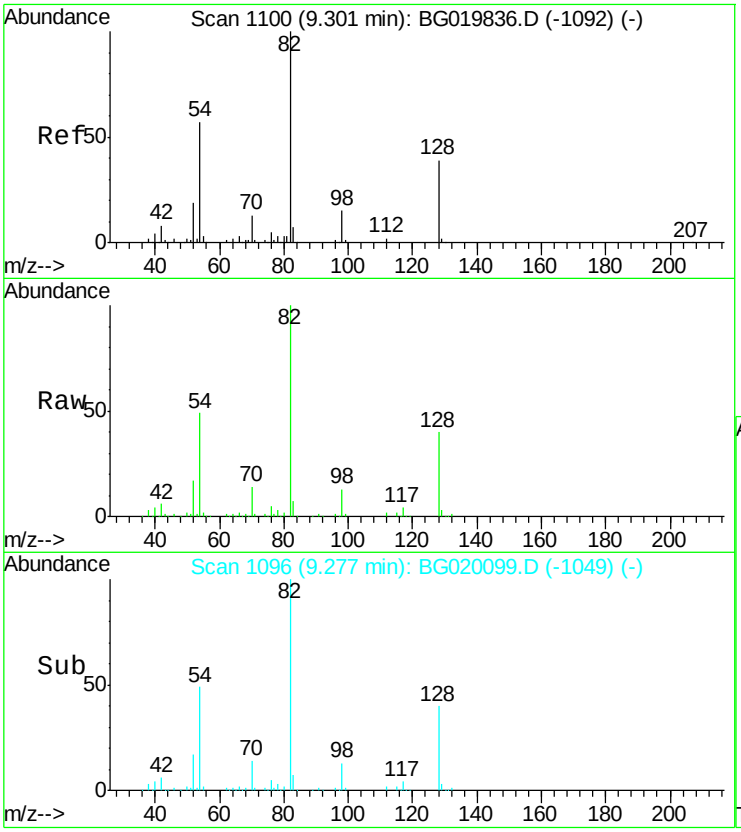


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Tgt Ion:136 Resp: 80256

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	9.3	5.4	8.2#
68	6.2	5.3	7.9



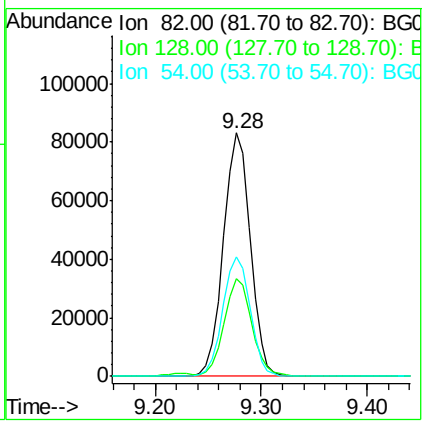


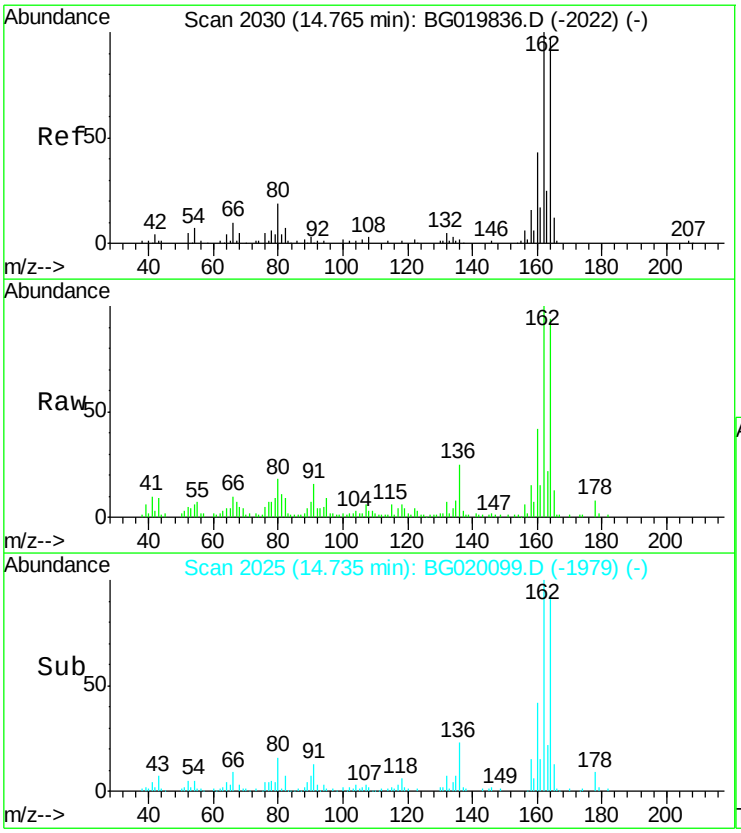
#23
Nitrobenzene-d5
Concen: 93.02 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Instrument :
BNA_G
ClientSampleId :
W-05

Tgt Ion: 82 Resp: 146281

Ion	Ratio	Lower	Upper
82	100		
128	40.0	36.7	55.1
54	49.3	33.8	50.8

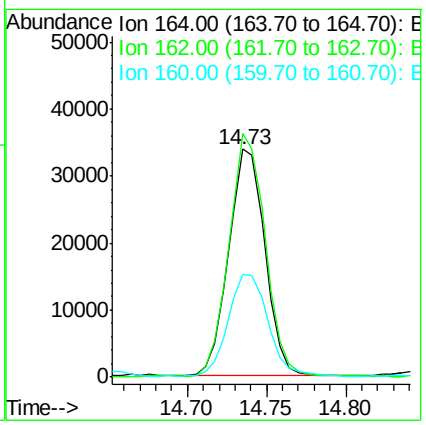


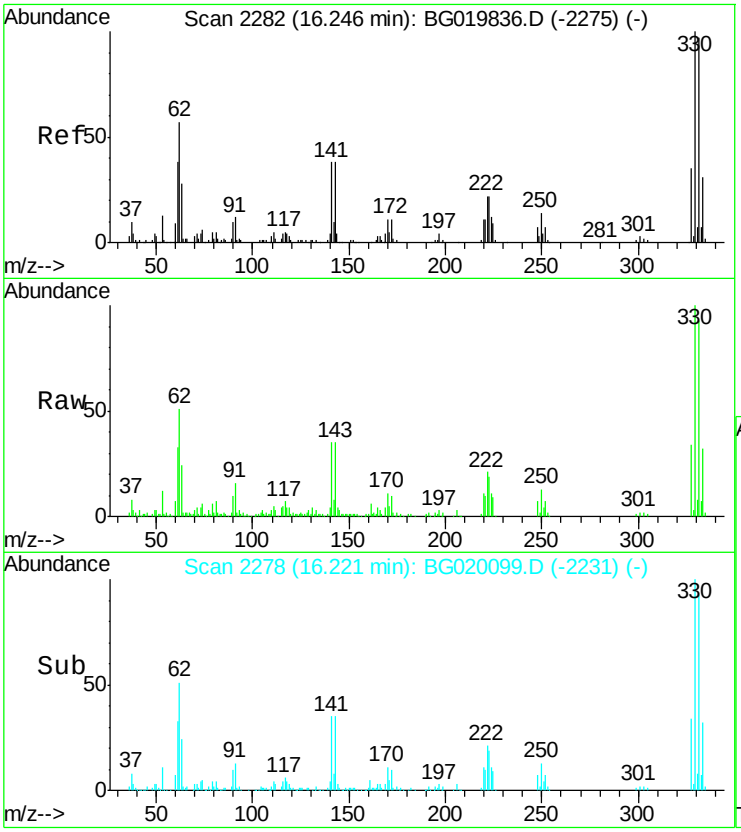


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Tgt Ion:164 Resp: 53600

Ion	Ratio	Lower	Upper
164	100		
162	106.9	78.8	118.2
160	44.9	36.4	54.6



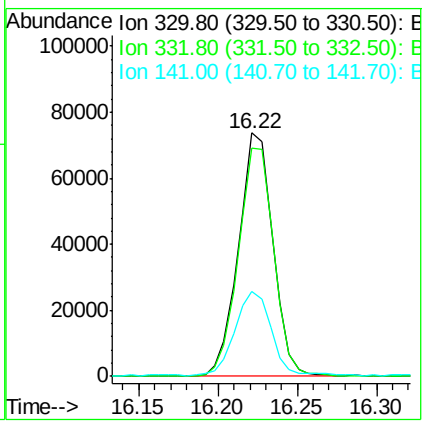


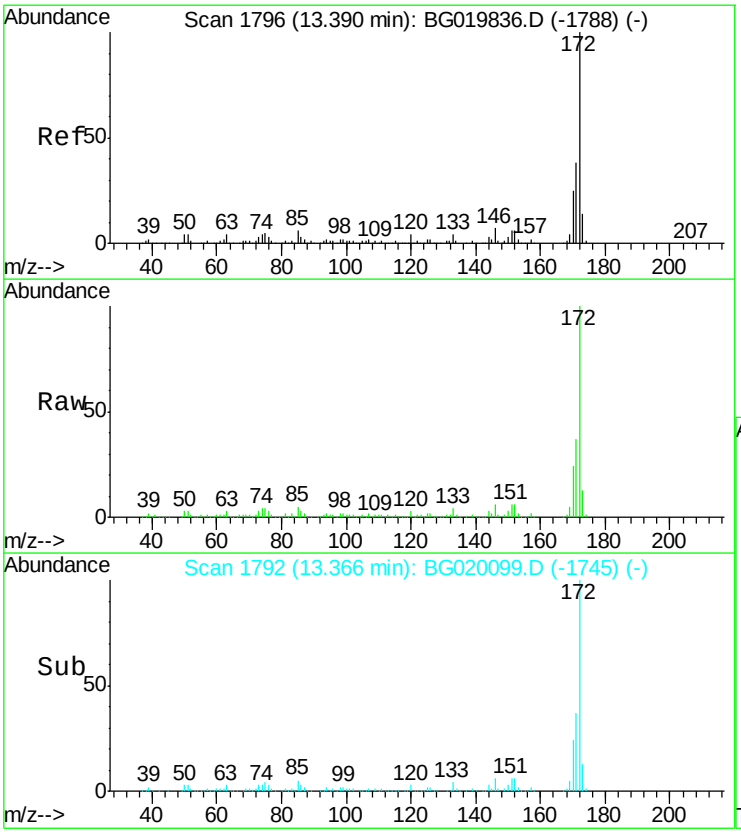
#41
2,4,6-Tribromophenol
Concen: 135.83 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Instrument :
BNA_G
ClientSampleId :
W-05

Tgt Ion:330 Resp: 111398

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.1	117.1
141	36.7	28.2	42.2

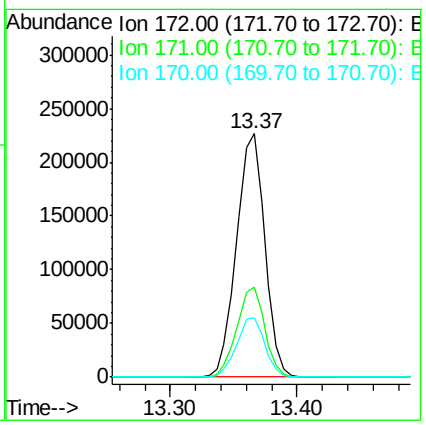


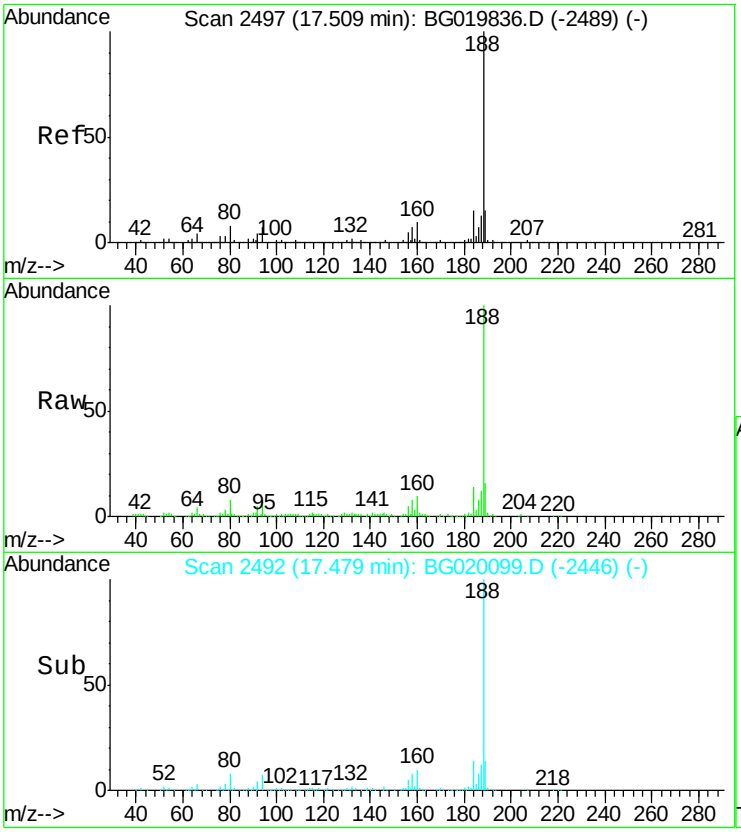


#44
2-Fluorobiphenyl
Concen: 89.16 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Tgt Ion:172 Resp: 350011

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.6
170	24.2	19.9	29.9



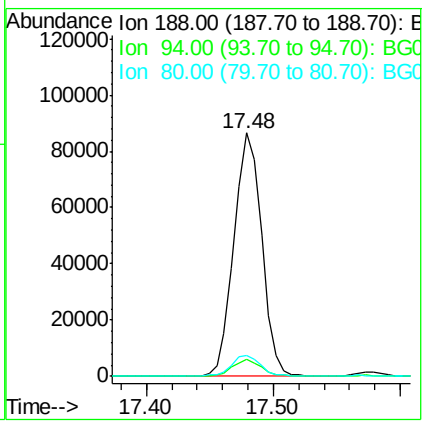


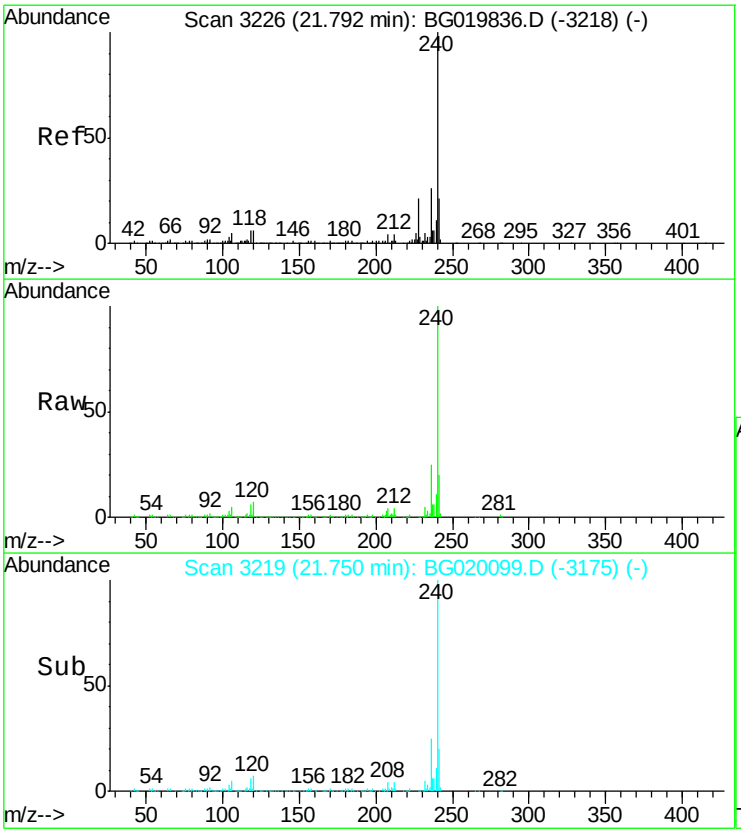
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Instrument :
BNA_G
ClientSampleId :
W-05

Tgt Ion:188 Resp: 131248

Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.7	11.5#
80	8.4	7.8	11.8

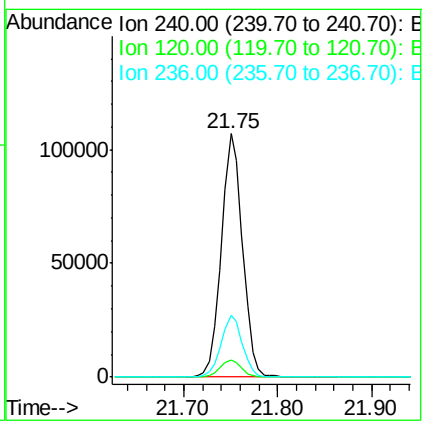


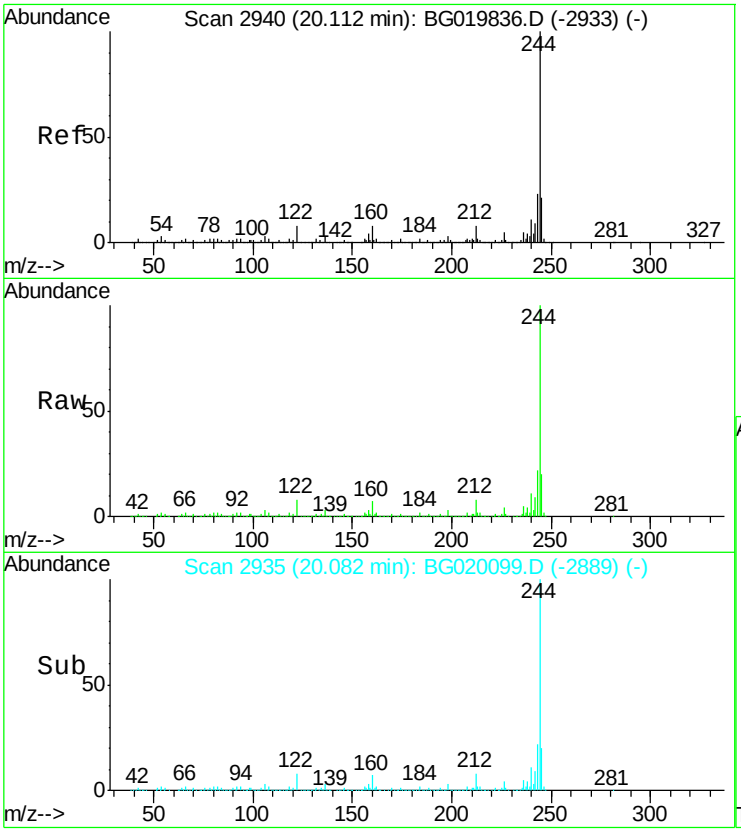


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Tgt Ion:240 Resp: 167779

Ion	Ratio	Lower	Upper
240	100		
120	6.8	7.4	11.0#
236	25.5	20.7	31.1



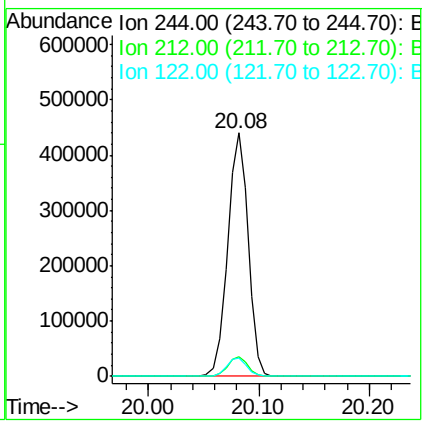


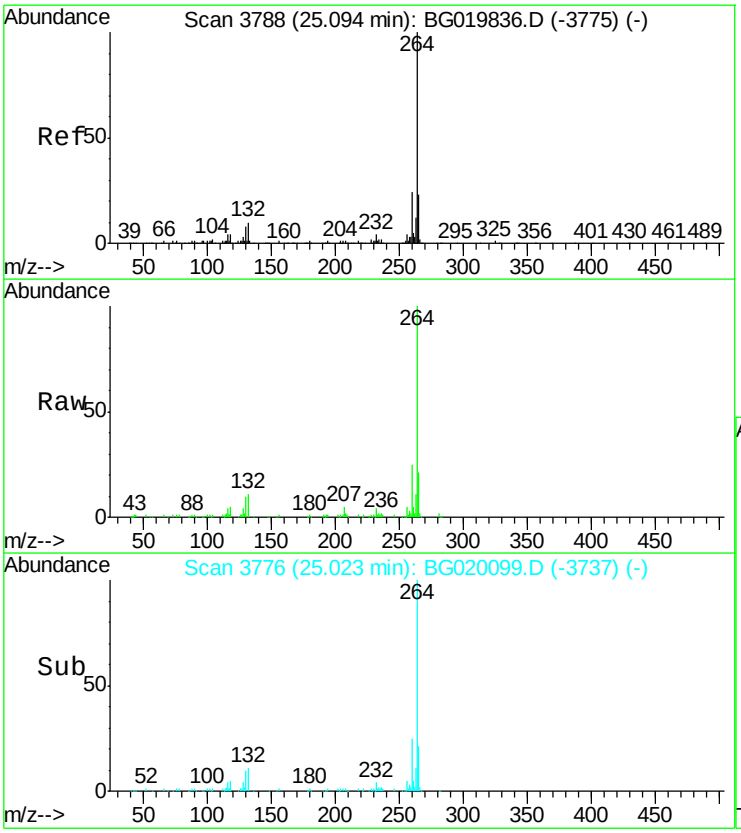
#78
Terphenyl-d14
Concen: 83.18 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Instrument :
BNA_G
ClientSampleId :
W-05

Tgt Ion:244 Resp: 572146

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.9	10.3
122	7.7	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3776
Delta R.T. -0.07 min
Lab File: BG020099.D
Acq: 11 Dec 2015 7:22

Tgt Ion:264 Resp: 155579

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.5	27.7
265	21.0	17.2	25.8