Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020058.D
Acq On : 10 Dec 2015 00:28
Operator : UM/SJ
Sample : G4659-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A8-2C

Quant Time: Dec 10 02:24:07 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	18541	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	82925	20.00	ng	-0.03
38) Acenaphthene-d10	14.74	164	57151	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	137703	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	167251	20.00	ng	-0.04
86) Perylene-d12	25.03	264	158751	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	174804	170.40	ng	0.00
7) Phenol-d6	7.27	99	258256	166.74	ng	0.00
23) Nitrobenzene-d5	9.28	82	166594	102.53	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	130871	149.66	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	393260	93.95	ng	-0.03
78) Terphenyl-d14	20.08	244	636132	92.77	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	14.18	163	59552	11.58	ng	98

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

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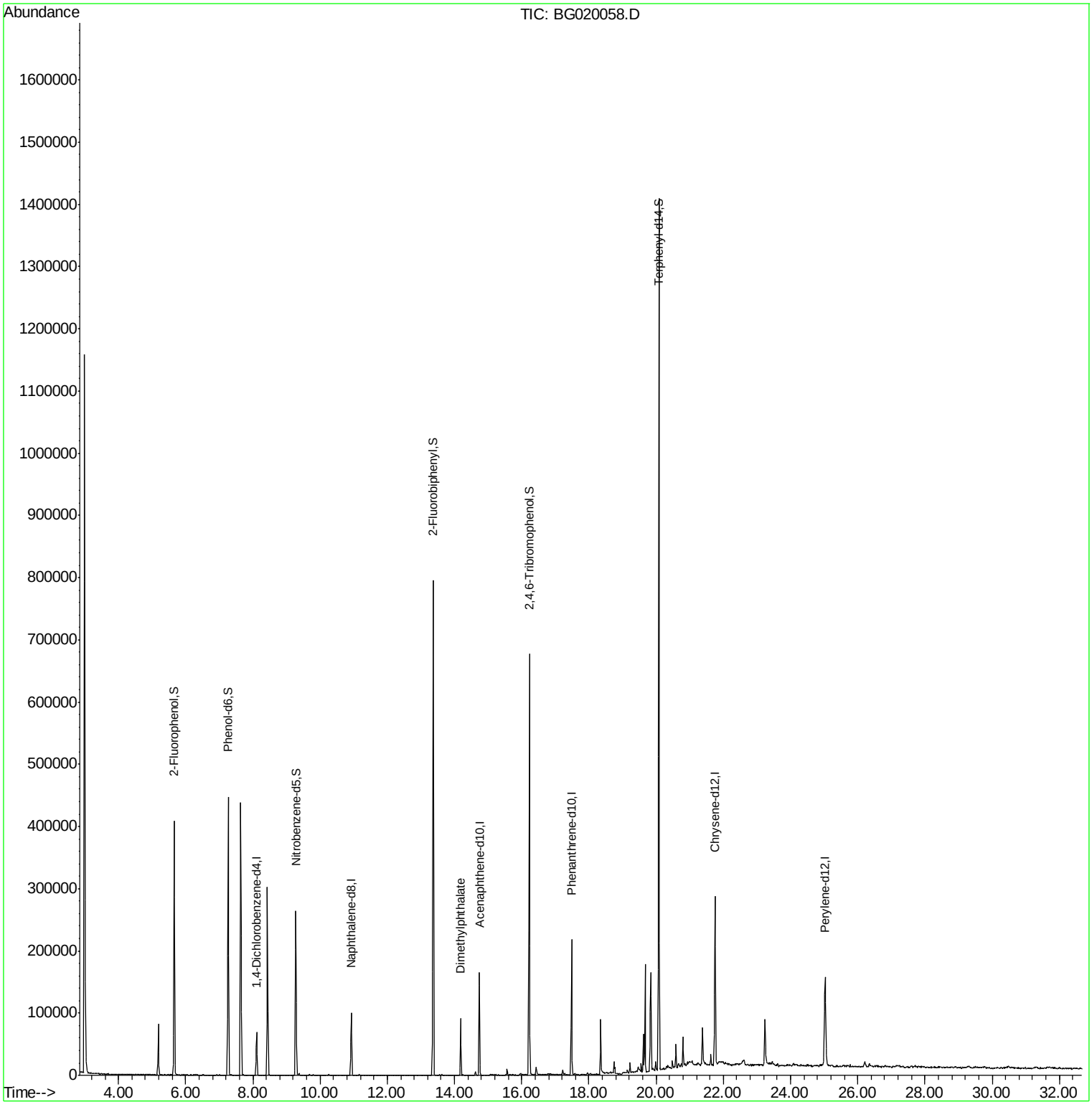
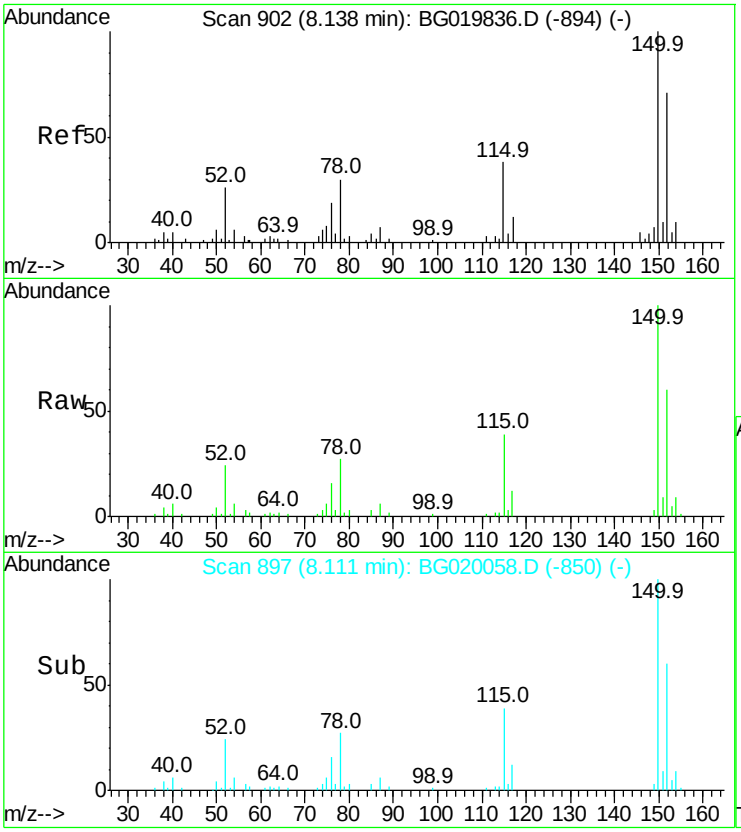


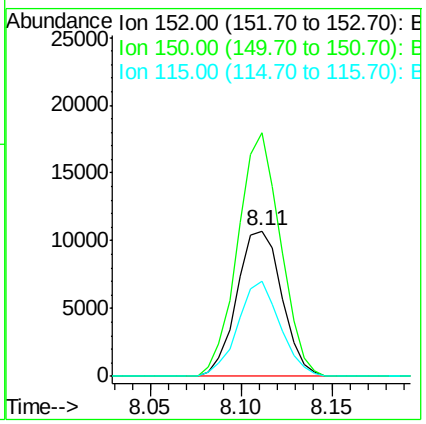


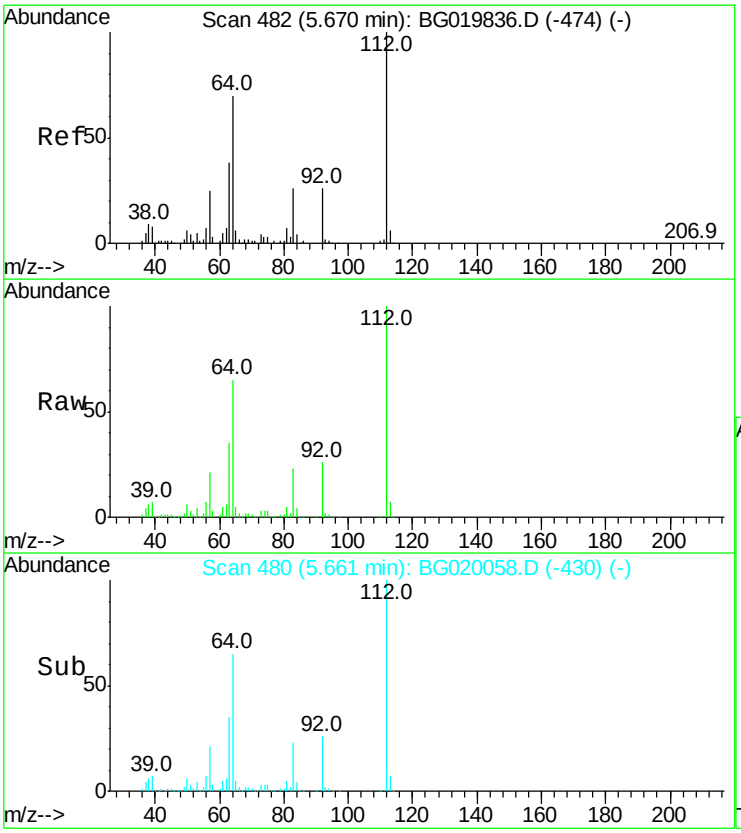
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Instrument :
BNA_G
ClientSampleId :
A8-2C

Tgt Ion:152 Resp: 18541

Ion	Ratio	Lower	Upper
152	100		
150	167.8	115.0	172.4
115	65.8	43.9	65.9

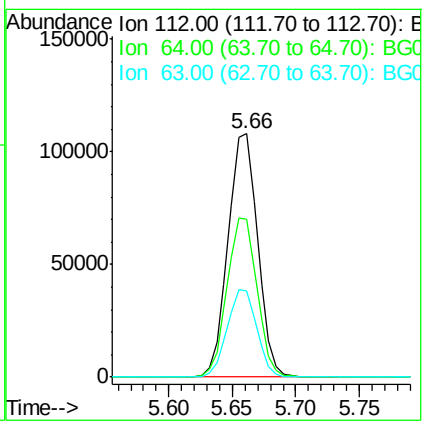


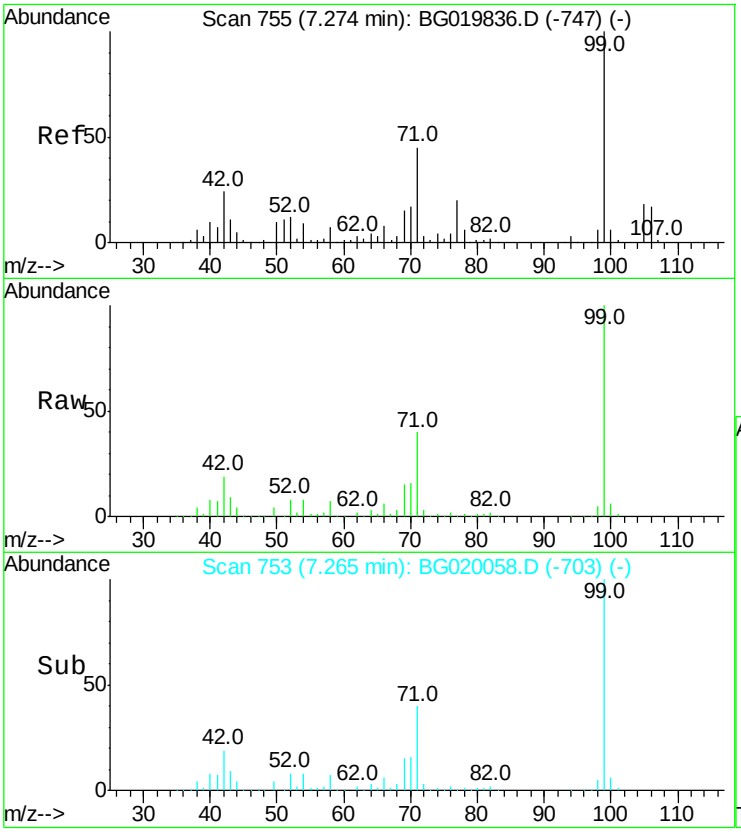


#5
2-Fluorophenol
Concen: 170.40 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Tgt Ion:112 Resp: 174804

Ion	Ratio	Lower	Upper
112	100		
64	64.8	43.7	65.5
63	35.4	24.0	36.0



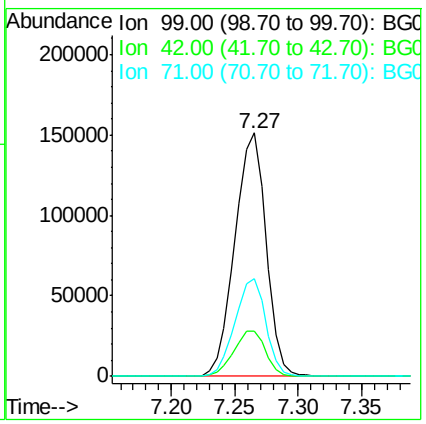


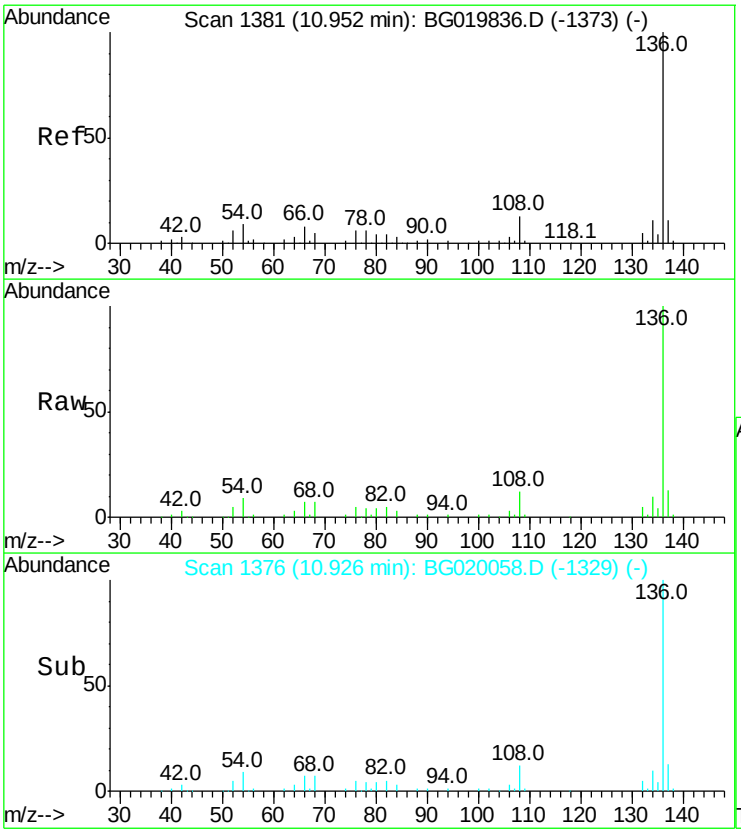
#7
Phenol-d6
Concen: 166.74 ng
RT: 7.27 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Instrument :
BNA_G
ClientSampleId :
A8-2C

Tgt Ion: 99 Resp: 258256

Ion	Ratio	Lower	Upper
99	100		
42	18.5	11.5	17.3#
71	40.2	22.6	34.0#

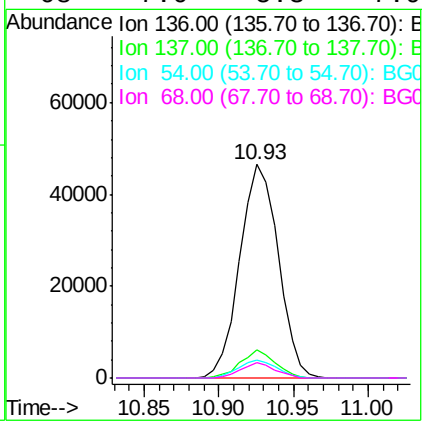


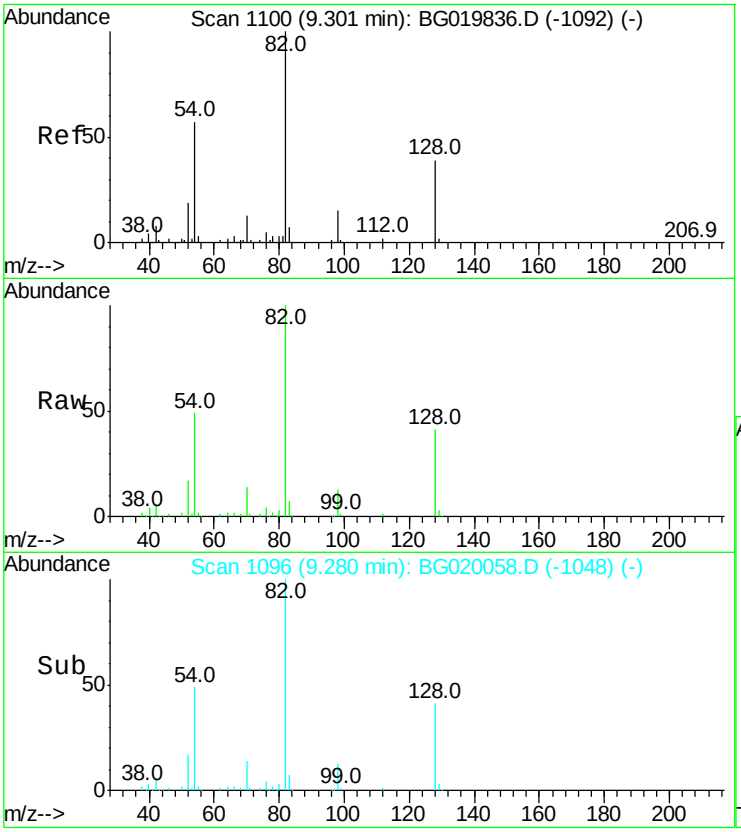


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Tgt Ion:136 Resp: 82925

Ion	Ratio	Lower	Upper
136	100		
137	13.0	8.6	12.8#
54	8.5	5.4	8.2#
68	7.0	5.3	7.9



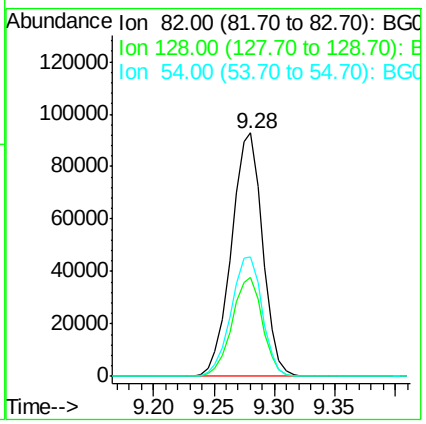


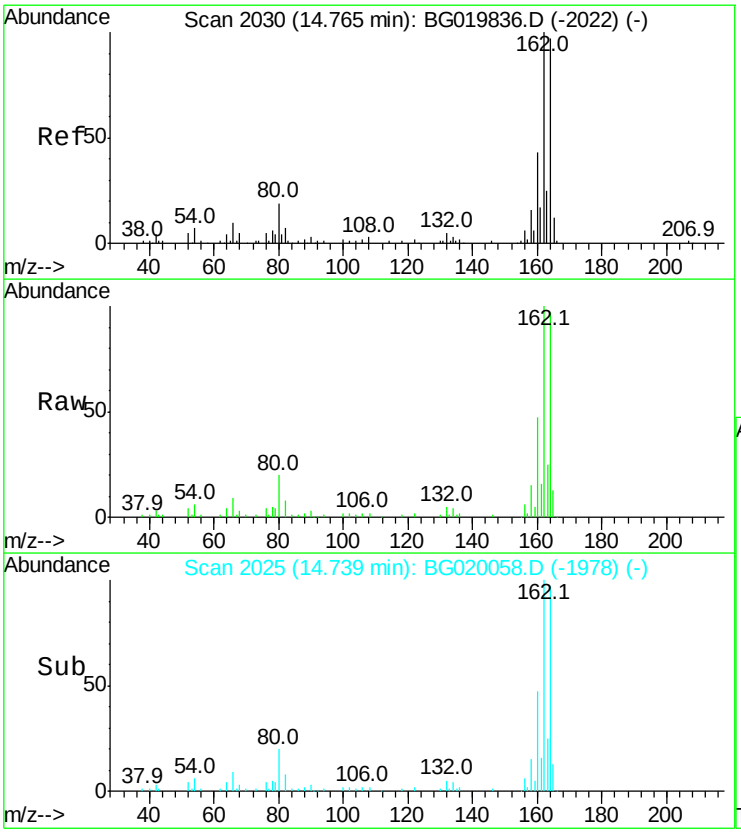
#23
Nitrobenzene-d5
Concen: 102.53 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Instrument :
BNA_G
ClientSampleId :
A8-2C

Tgt Ion: 82 Resp: 166594

Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.7	55.1
54	49.2	33.8	50.8

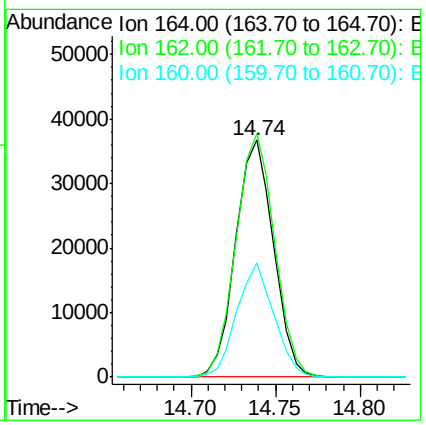


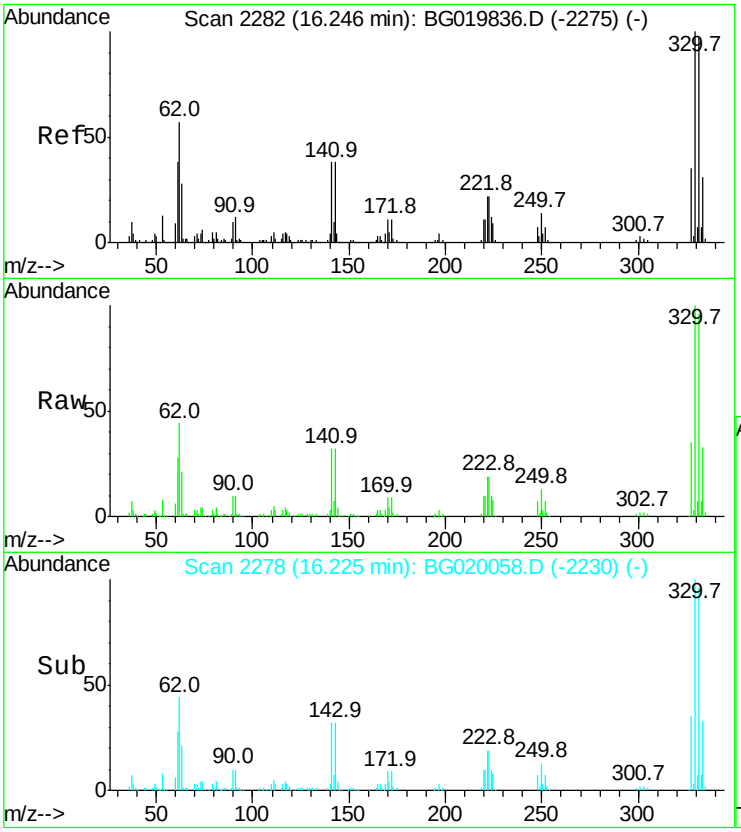


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Tgt Ion:164 Resp: 57151

Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.8	118.2
160	48.1	36.4	54.6



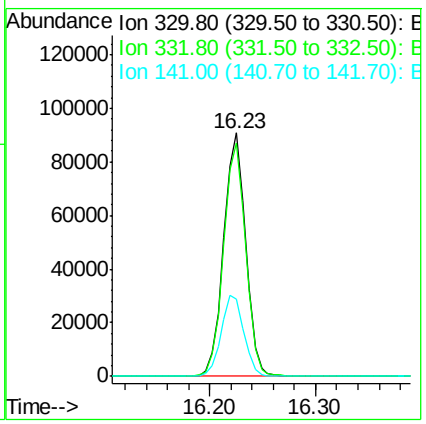


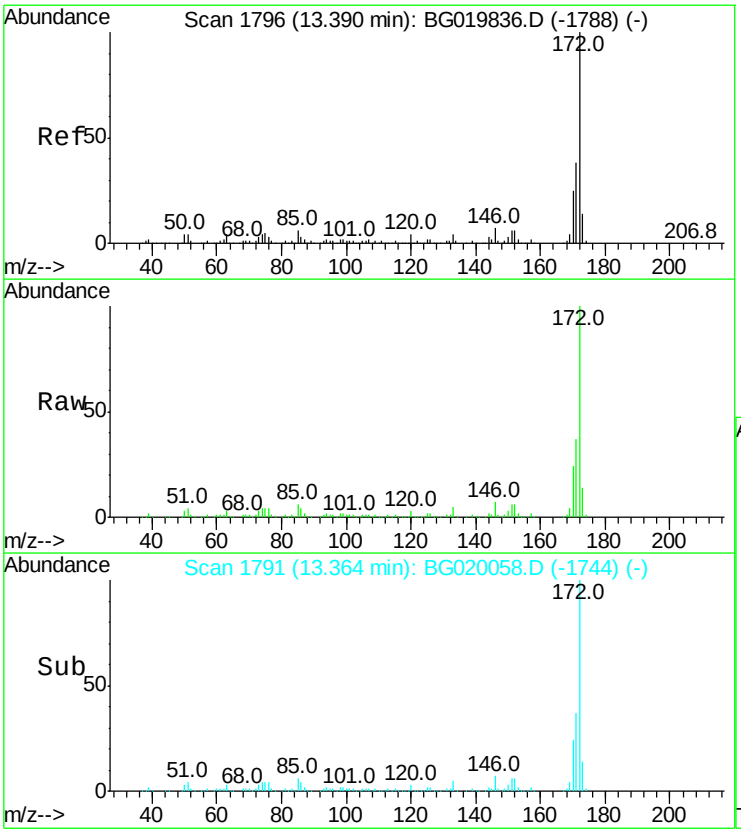
#41
2,4,6-Tribromophenol
Concen: 149.66 ng
RT: 16.23 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Instrument :
BNA_G
ClientSampleId :
A8-2C

Tgt Ion:330 Resp: 130871

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	34.4	28.2	42.2

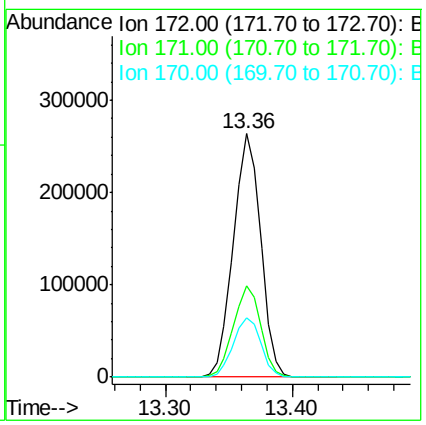


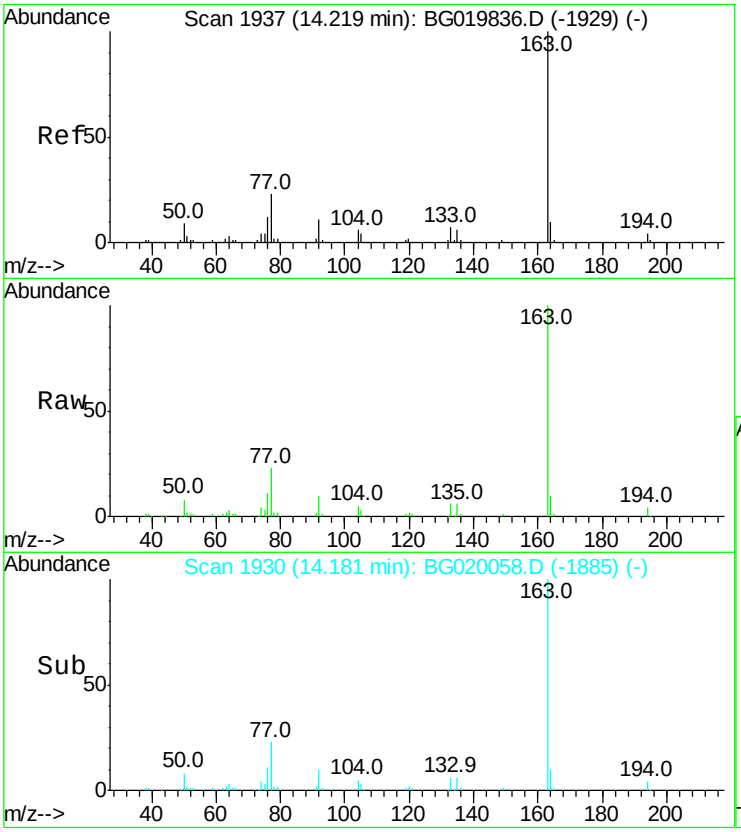


#44
2-Fluorobiphenyl
Concen: 93.95 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.03 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Tgt Ion:172 Resp: 393260

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.0	43.6
170	24.4	19.9	29.9



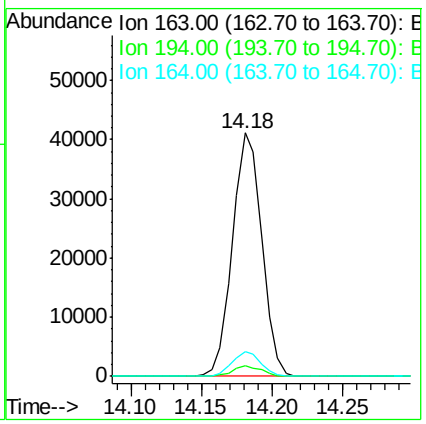


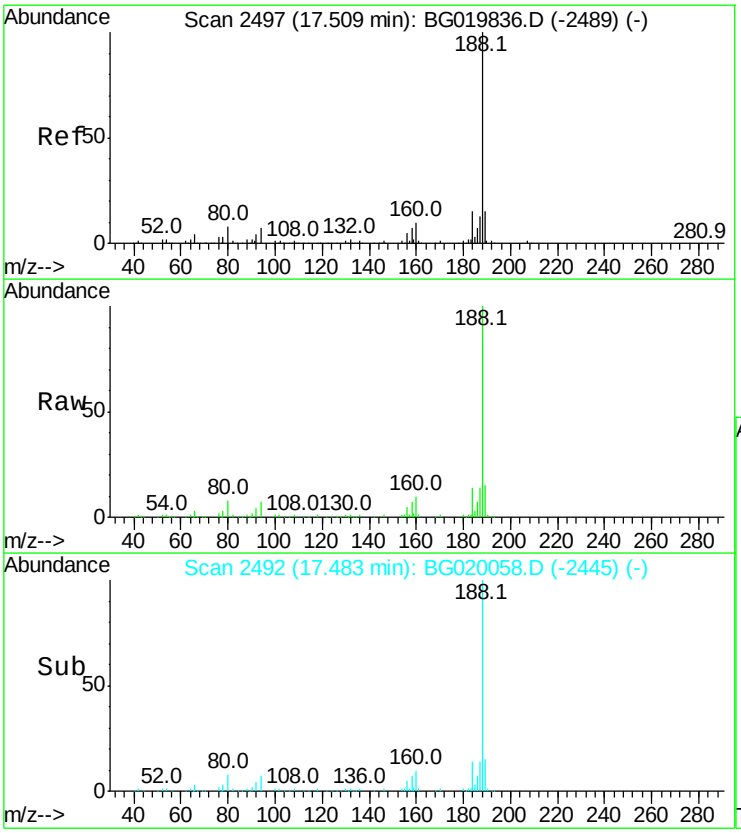
#49
Dimethylphthalate
Concen: 11.58 ng
RT: 14.18 min Scan# 1930
Delta R.T. -0.04 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Instrument :
BNA_G
ClientSampleId :
A8-2C

Tgt Ion:163 Resp: 59552

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.1	4.7
164	10.0	8.8	13.2

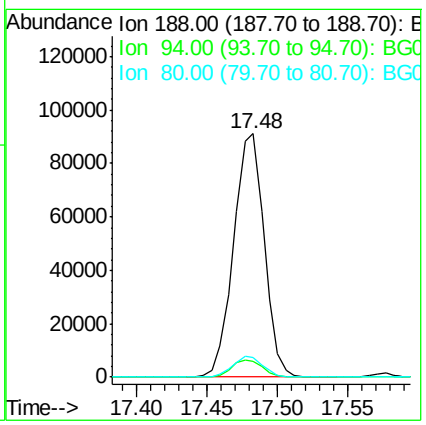


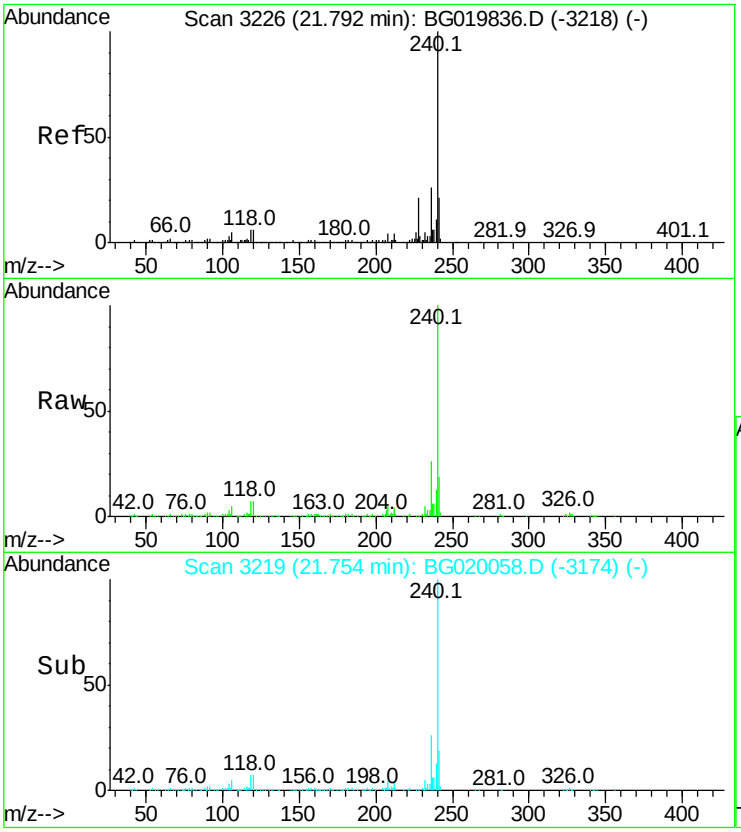


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Tgt Ion:188 Resp: 137703

Ion	Ratio	Lower	Upper
188	100		
94	6.5	7.7	11.5#
80	7.9	7.8	11.8



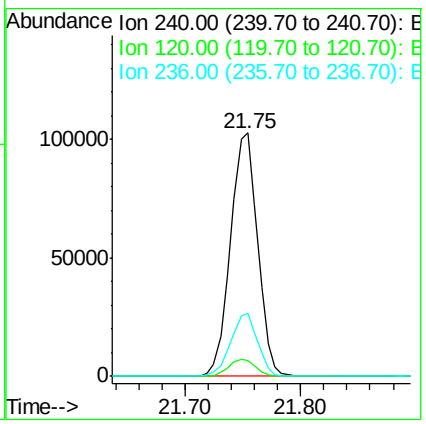


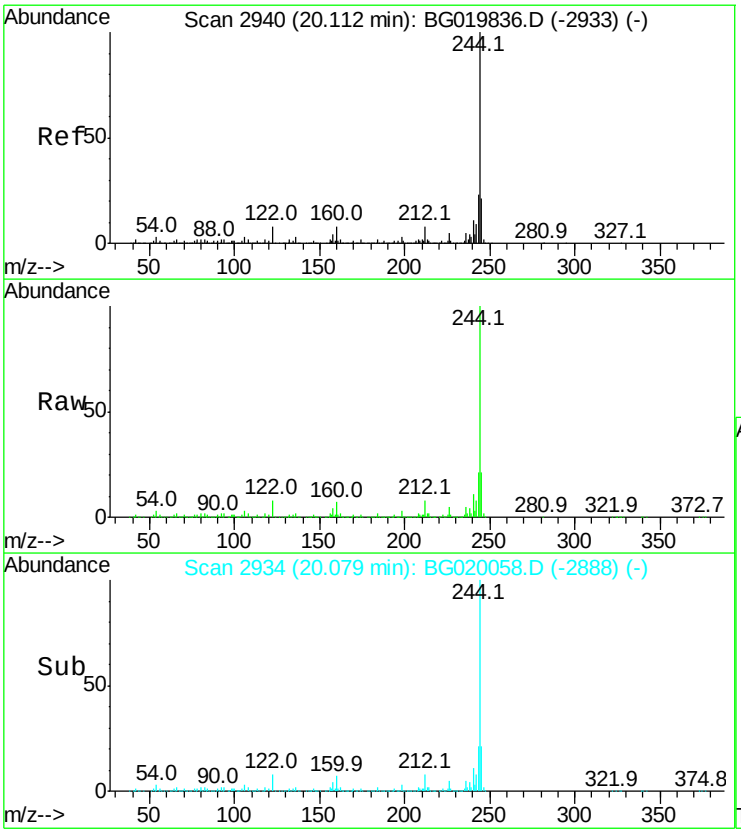
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Instrument :
BNA_G
ClientSampleId :
A8-2C

Tgt Ion:240 Resp: 167251

Ion	Ratio	Lower	Upper
240	100		
120	6.6	7.4	11.0#
236	25.9	20.7	31.1

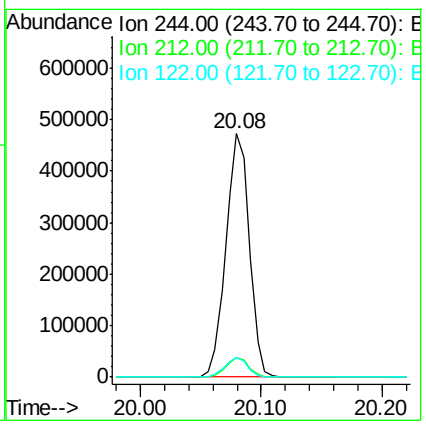


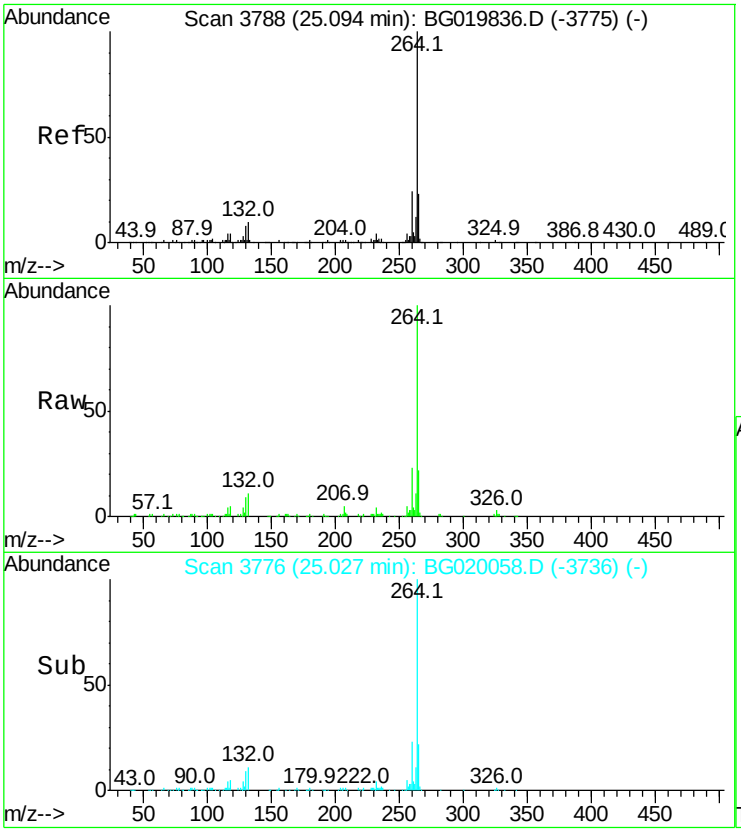


#78
Terphenyl-d14
Concen: 92.77 ng
RT: 20.08 min Scan# 2934
Delta R.T. -0.03 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Tgt Ion:244 Resp: 636132

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	8.1	10.2	15.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3776
Delta R.T. -0.07 min
Lab File: BG020058.D
Acq: 10 Dec 2015 00:28

Instrument :
BNA_G
ClientSampleId :
A8-2C

Tgt Ion:264 Resp: 158751

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.3	17.2	25.8