Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021201.D
Acq On : 2 Mar 2016 2:22
Operator : UM/SJ
Sample : H1577-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B2-S1

Quant Time: Mar 02 03:56:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 29 17:40:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	13499	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	64438	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	34878	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	72406	20.00	ng	-0.01
75) Chrysene-d12	21.75	240	73980	20.00	ng	-0.01
86) Perylene-d12	25.02	264	67444	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	19101	22.49	ng	0.00
7) Phenol-d6	7.29	99	30304	21.70	ng	0.00
23) Nitrobenzene-d5	9.31	82	22555	14.81	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	6860	18.90	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	32785	13.35	ng	-0.01
78) Terphenyl-d14	20.08	244	36793	12.05	ng	-0.01
Target Compounds						Qvalue

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

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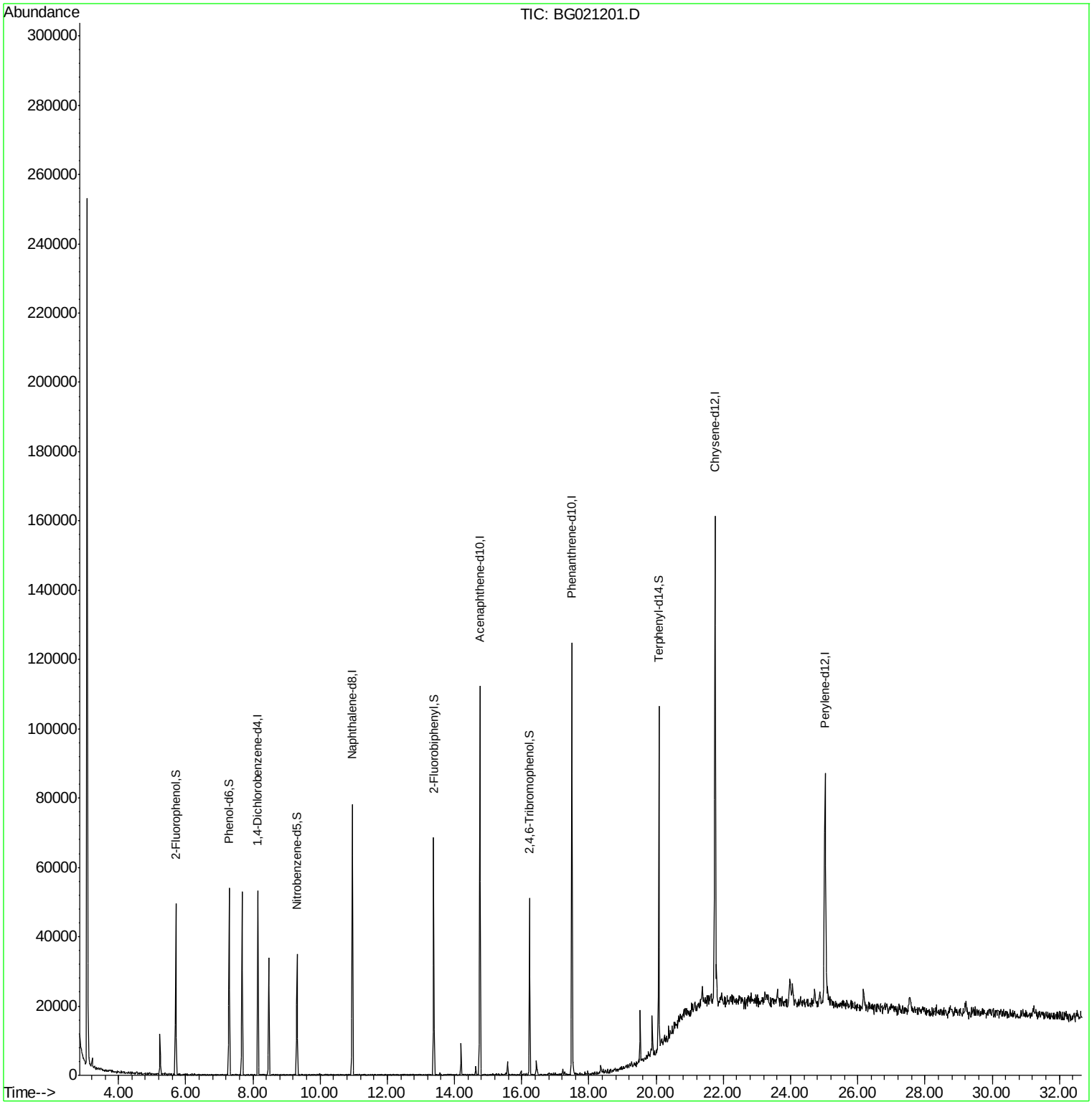
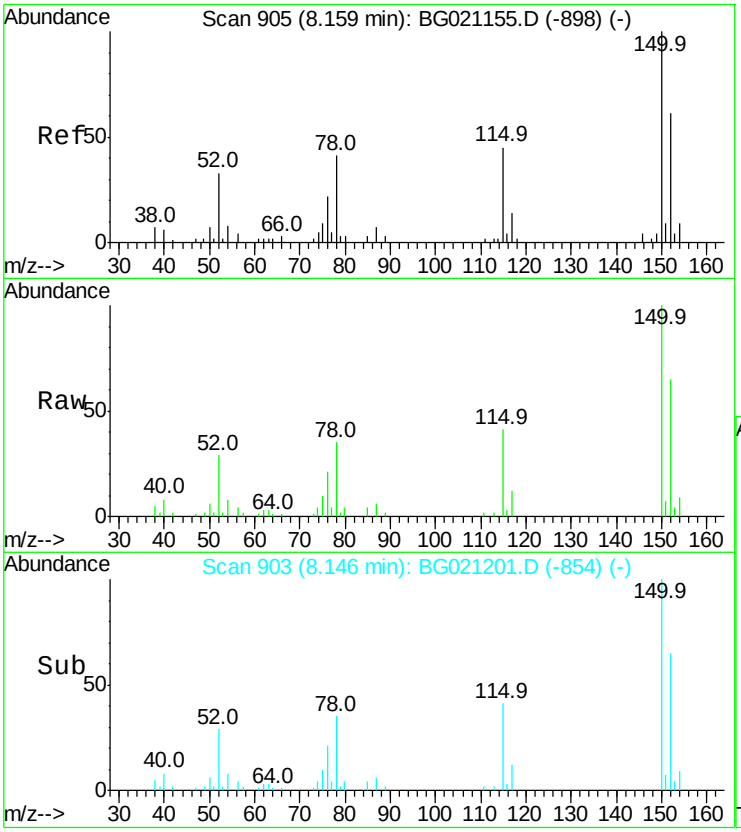


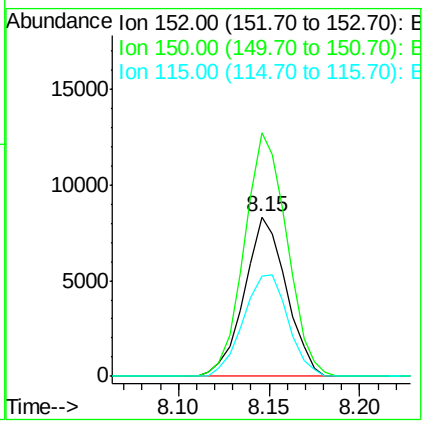


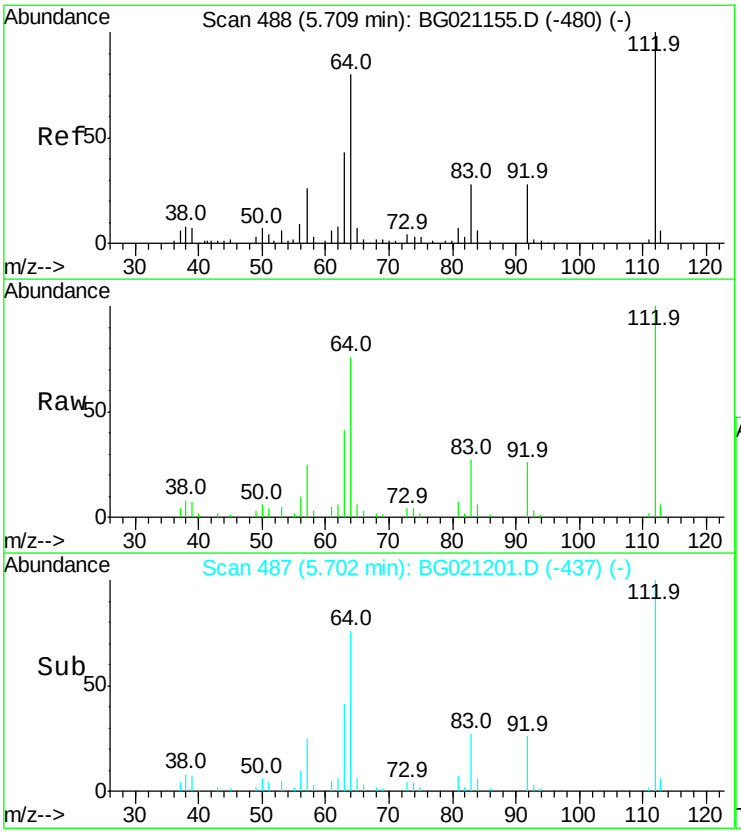
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Instrument :
BNA_G
ClientSampleId :
TEC-B2-S1

Tgt Ion:152 Resp: 13499

Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.4	185.2
115	63.2	43.3	64.9

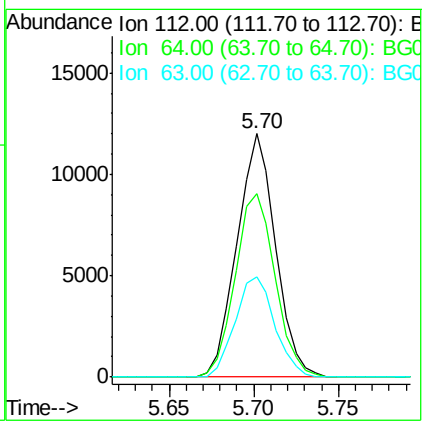


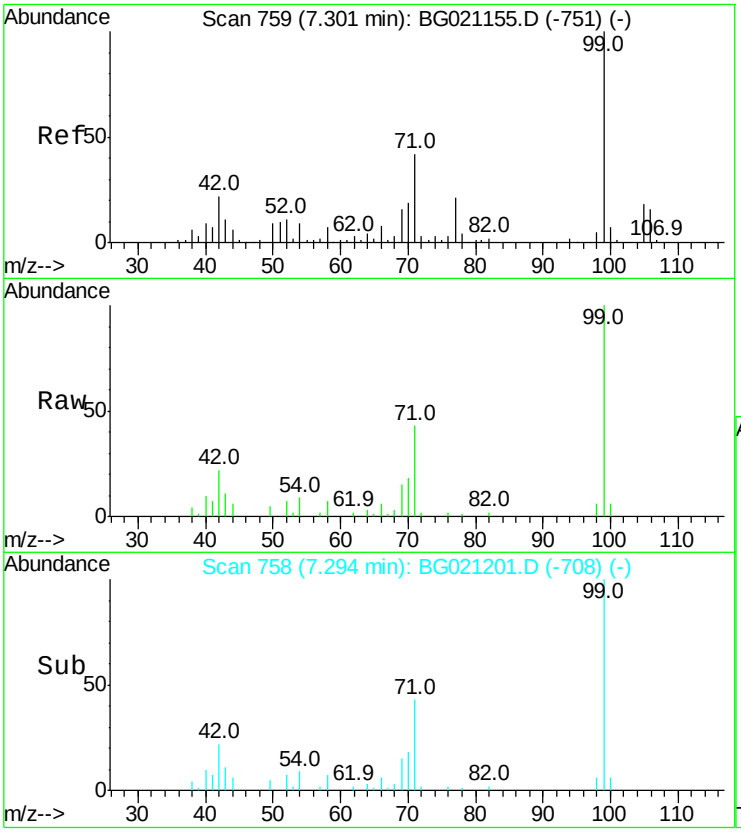


#5
2-Fluorophenol
Concen: 22.49 ng
RT: 5.70 min Scan# 487
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Tgt Ion:112 Resp: 19101

Ion	Ratio	Lower	Upper
112	100		
64	75.6	42.6	63.8#
63	41.1	21.7	32.5#



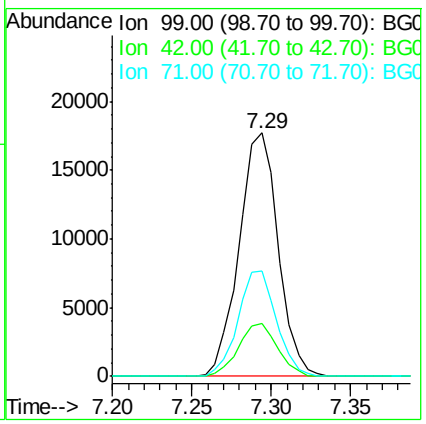


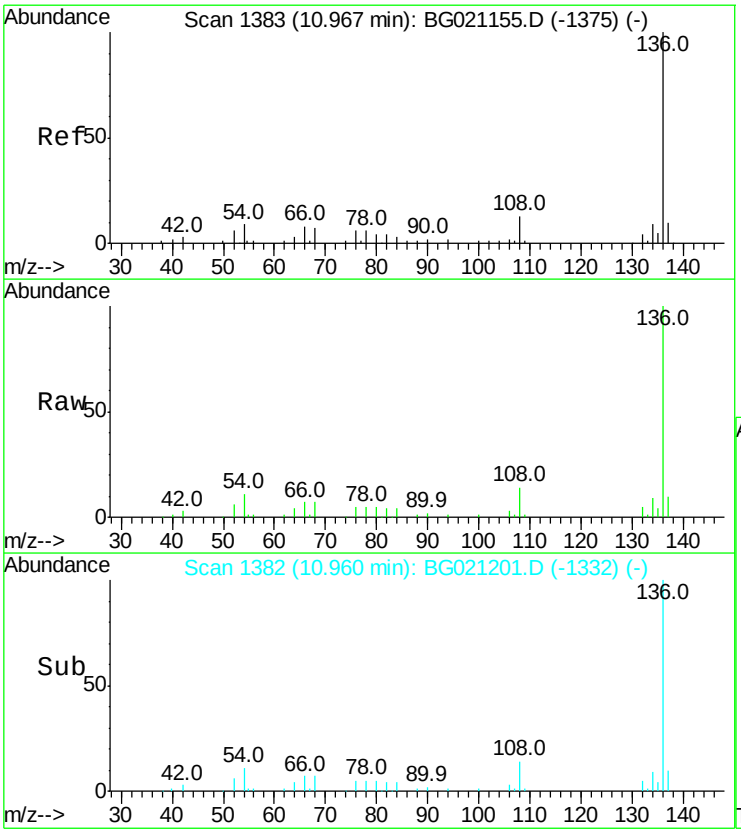
#7
Phenol-d6
Concen: 21.70 ng
RT: 7.29 min Scan# 758
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Instrument :
BNA_G
ClientSampleId :
TEC-B2-S1

Tgt Ion: 99 Resp: 30304

Ion	Ratio	Lower	Upper
99	100		
42	21.9	13.2	19.8#
71	43.3	25.2	37.8#

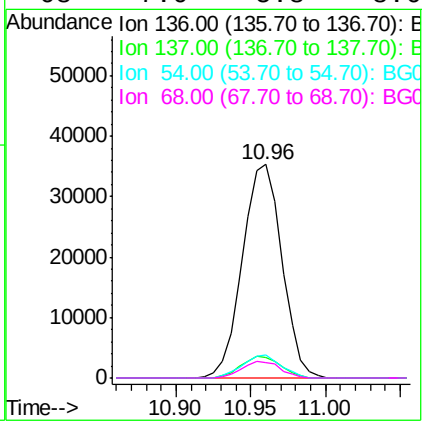


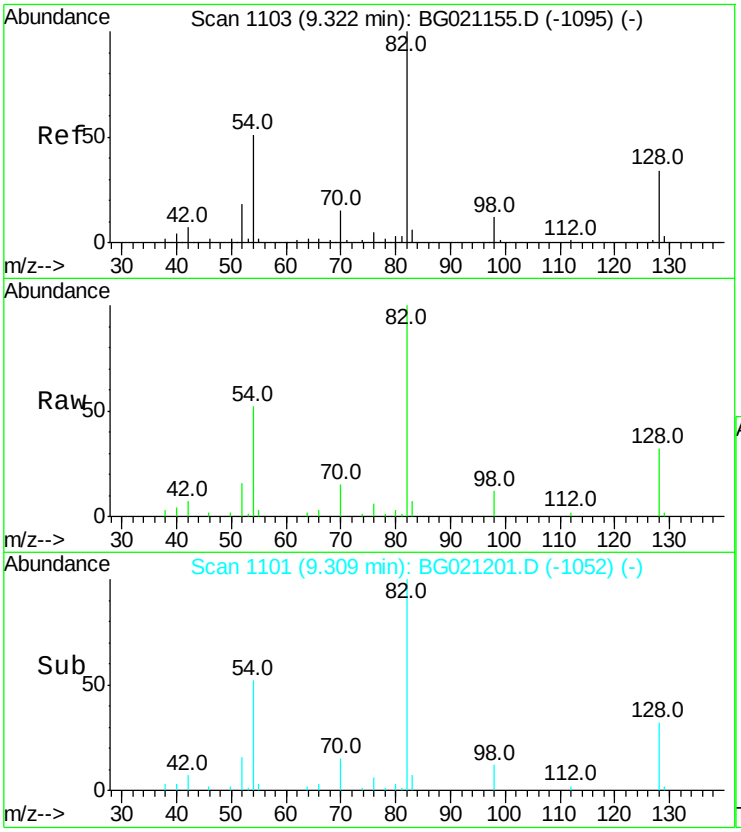


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.96 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Tgt Ion:136 Resp: 64438

Ion	Ratio	Lower	Upper
136	100		
137	9.7	8.8	13.2
54	10.9	6.9	10.3#
68	7.0	5.8	8.6



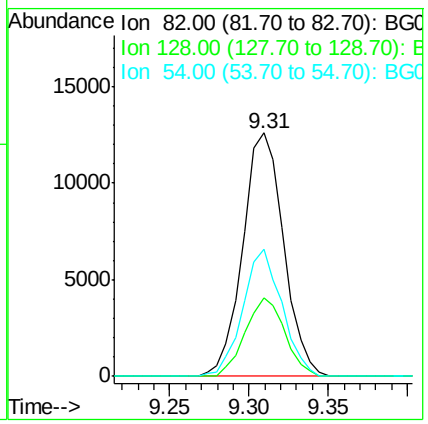


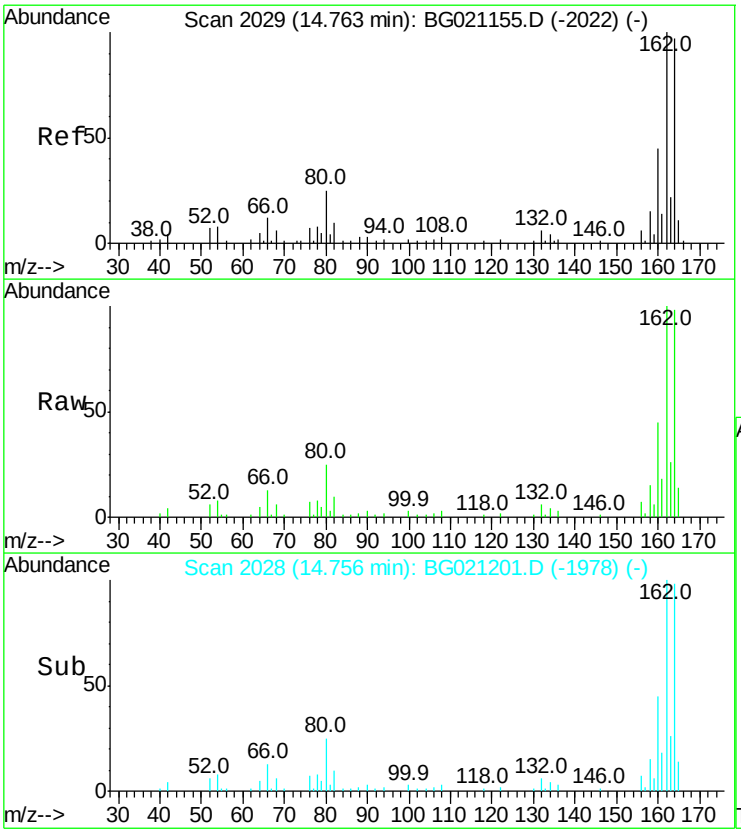
#23
Nitrobenzene-d5
Concen: 14.81 ng
RT: 9.31 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Instrument :
BNA_G
ClientSampleId :
TEC-B2-S1

Tgt Ion: 82 Resp: 22555

Ion	Ratio	Lower	Upper
82	100		
128	32.2	36.3	54.5#
54	52.2	37.6	56.4

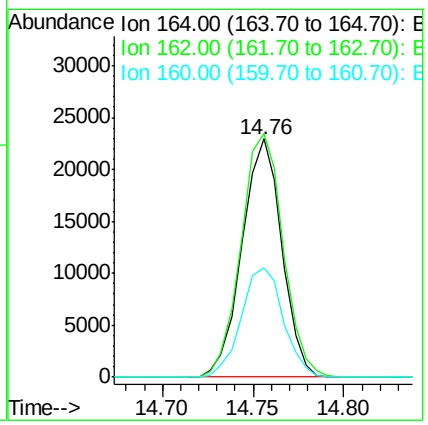


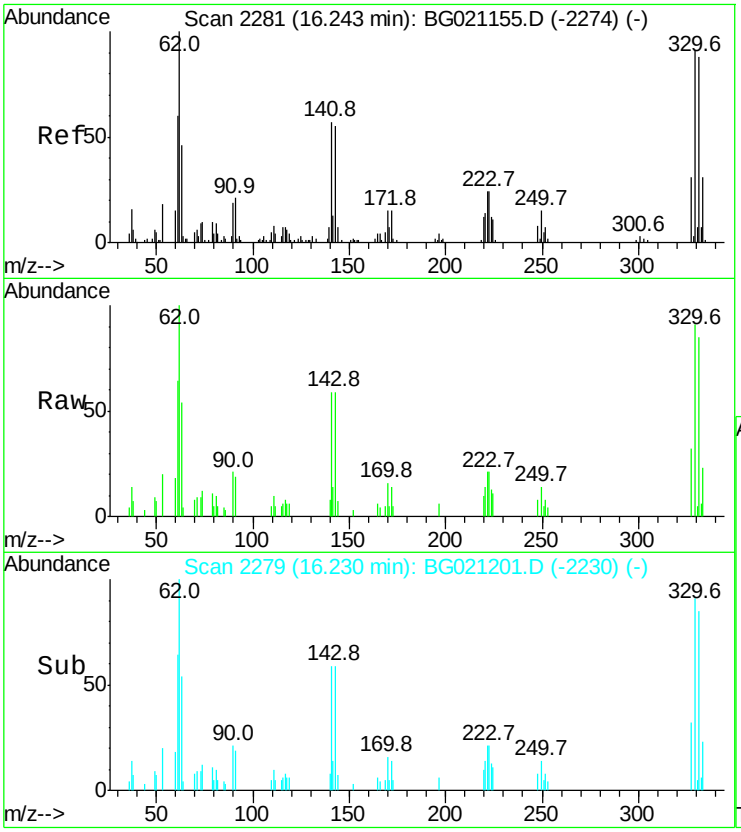


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Tgt Ion:164 Resp: 34878

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.6	120.8
160	46.1	36.5	54.7



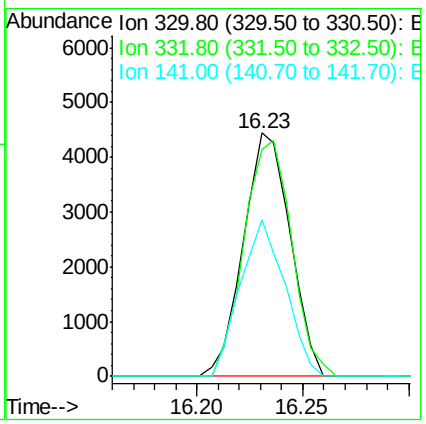


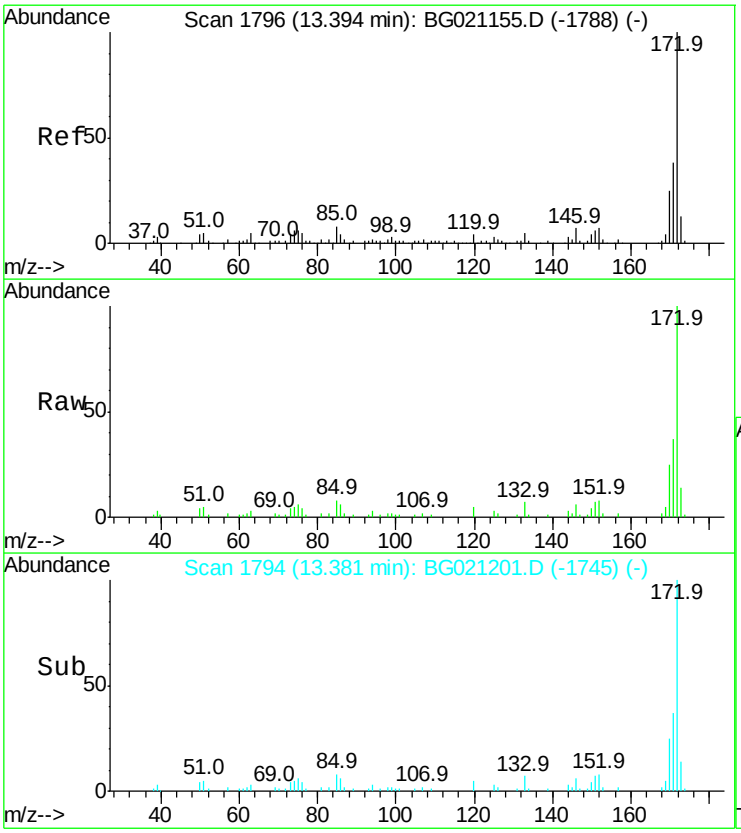
#41
2,4,6-Tribromophenol
Concen: 18.90 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Instrument :
BNA_G
ClientSampleId :
TEC-B2-S1

Tgt Ion:330 Resp: 6860

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.0
141	61.4	35.3	52.9#

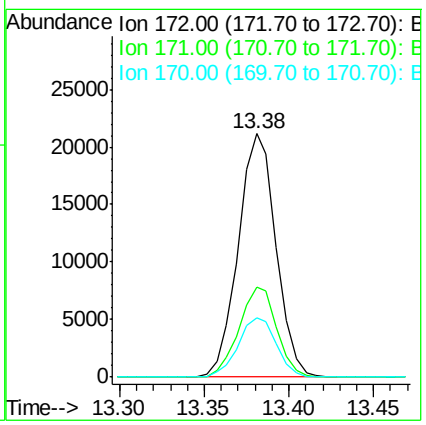


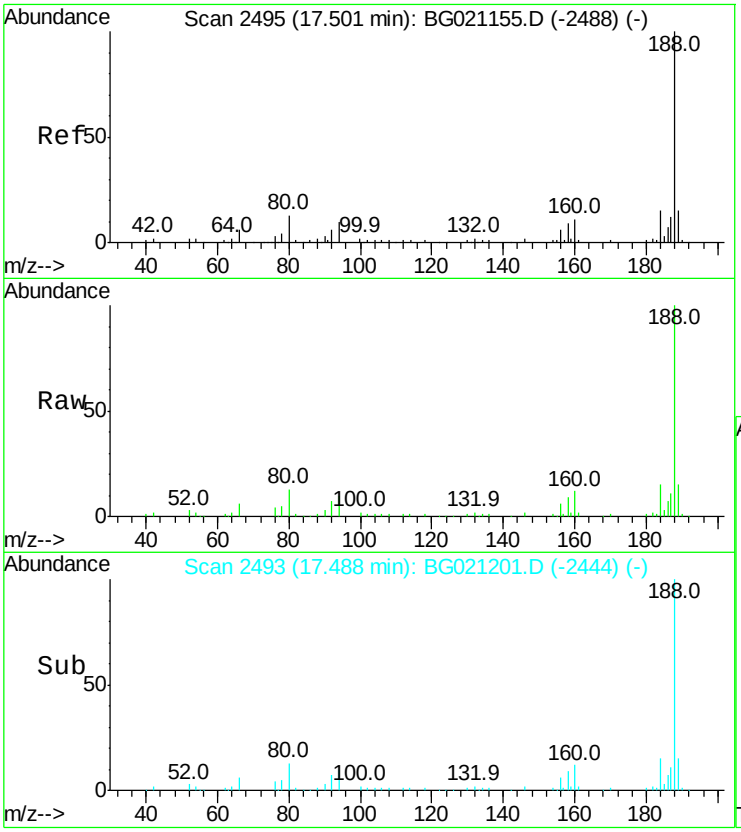


#44
2-Fluorobiphenyl
Concen: 13.35 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Tgt Ion:172 Resp: 32785

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.6	19.8	29.8



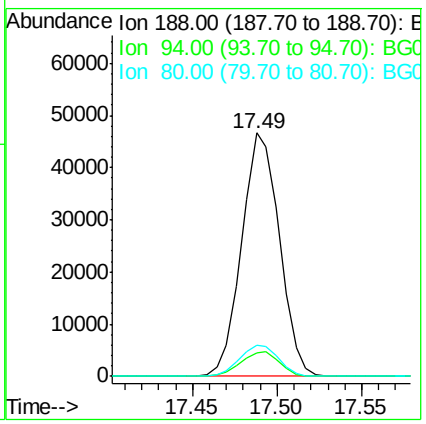


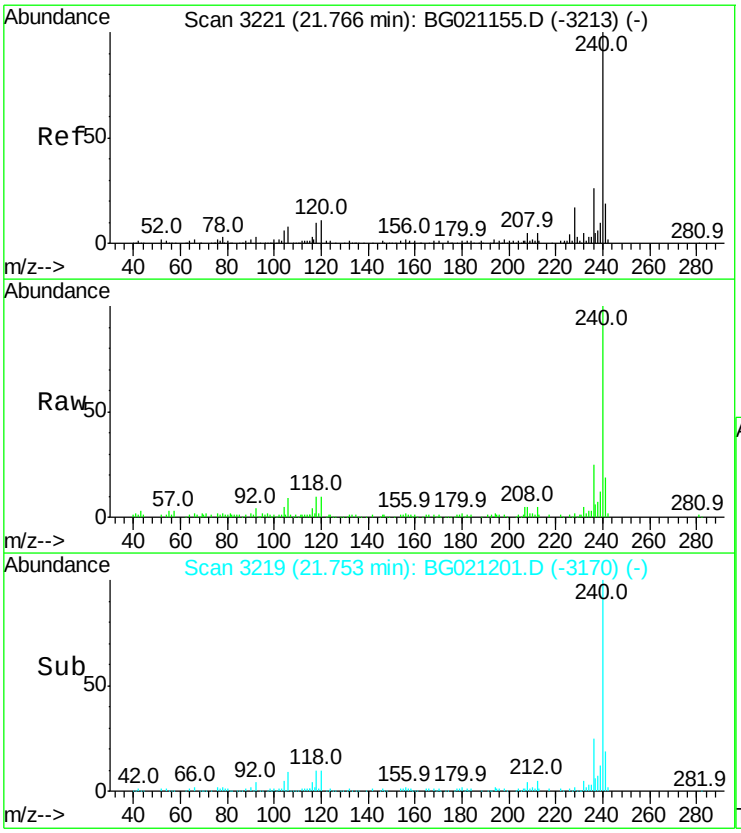
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Instrument :
BNA_G
ClientSampleId :
TEC-B2-S1

Tgt Ion:188 Resp: 72406

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.4
80	12.6	9.2	13.8

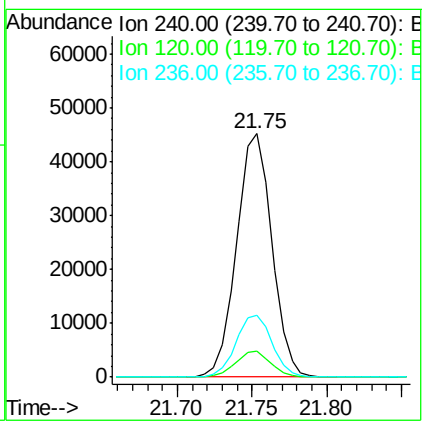


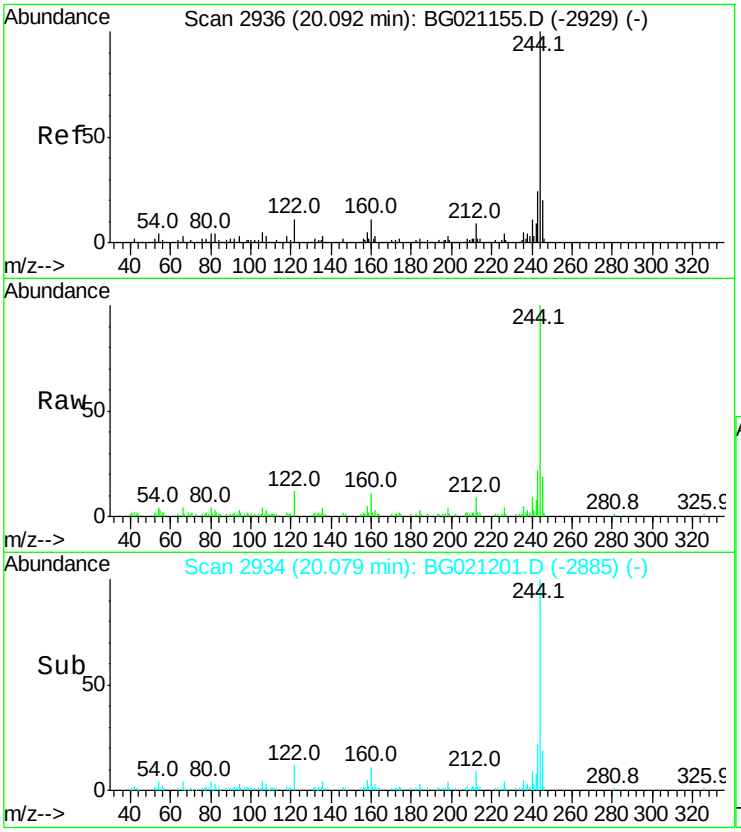


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Tgt Ion:240 Resp: 73980

Ion	Ratio	Lower	Upper
240	100		
120	10.5	7.5	11.3
236	25.3	20.5	30.7



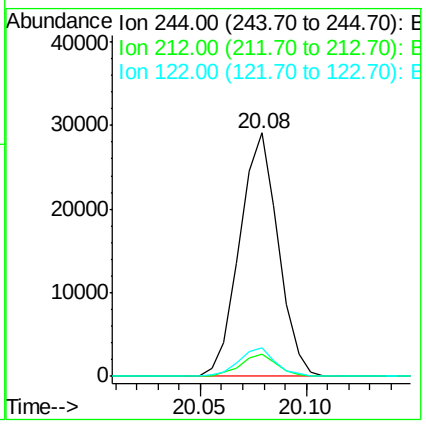


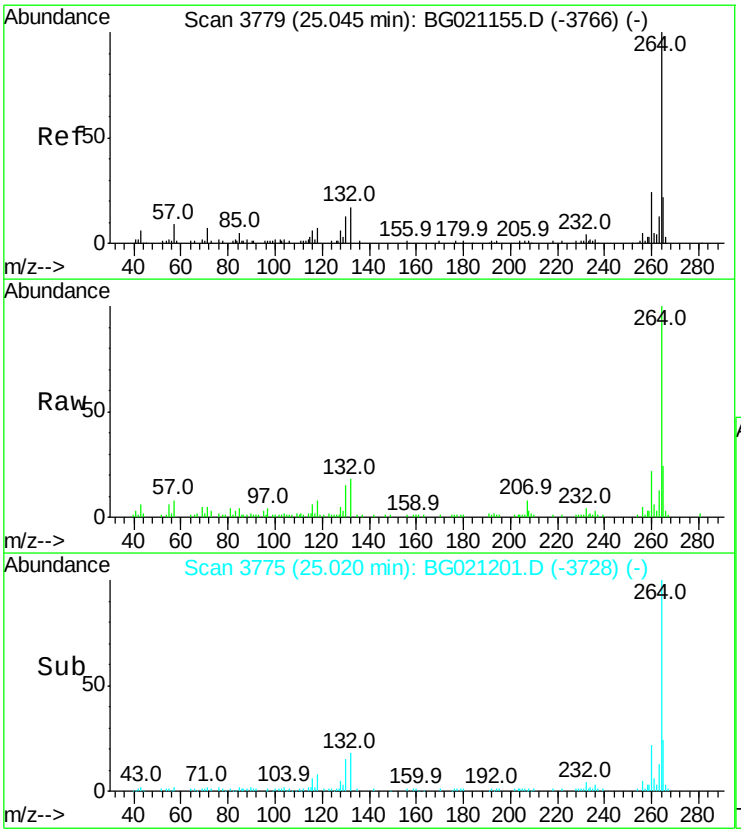
#78
Terphenyl-d14
Concen: 12.05 ng
RT: 20.08 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Instrument :
BNA_G
ClientSampleId :
TEC-B2-S1

Tgt Ion:244 Resp: 36793

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.6#
122	11.7	8.3	12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3775
Delta R.T. -0.02 min
Lab File: BG021201.D
Acq: 2 Mar 2016 2:22

Tgt Ion:264 Resp: 67444

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.5	27.7
265	23.6	18.6	28.0