Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
Data File : BG029316.D
Acq On : 18 Oct 2017 00:49
Operator : SJ/JU
Sample : I5867-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 101117-TIFR-E-U-M

Quant Time: Oct 18 04:07:29 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	71408	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	345660	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	223142	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	507405	20.00	ng	0.00
75) Chrysene-d12	21.79	240	532462	20.00	ng	0.00
86) Perylene-d12	25.10	264	535761	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	199476	46.67	ng	0.00
7) Phenol-d6	7.32	99	174903	29.15	ng	0.00
23) Nitrobenzene-d5	9.33	82	517738	95.18	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	263730	91.54	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1349961	88.73	ng	0.00
78) Terphenyl-d14	20.11	244	1971704	84.24	ng	0.00
Target Compounds						Qvalue

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

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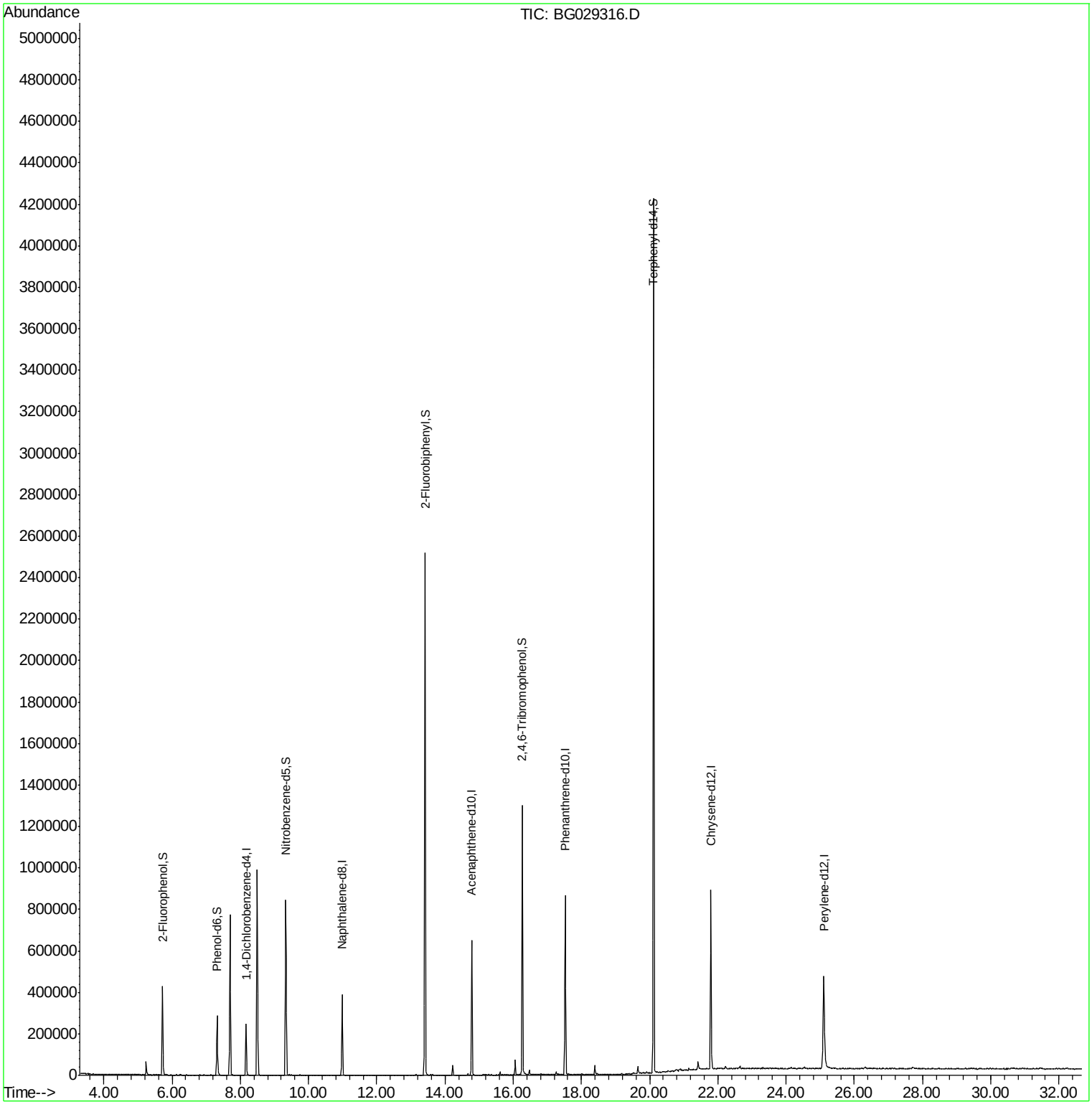
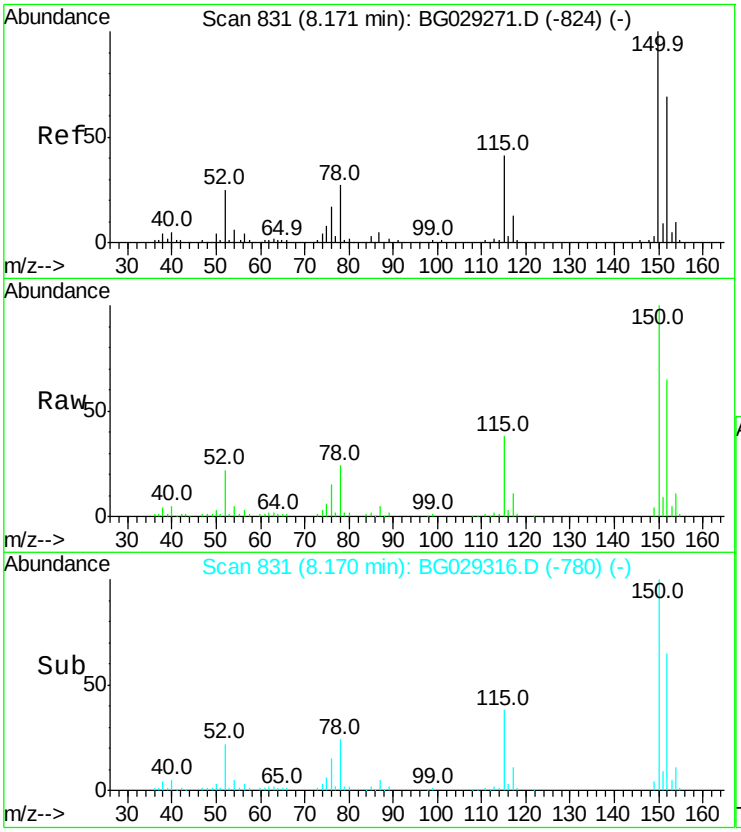


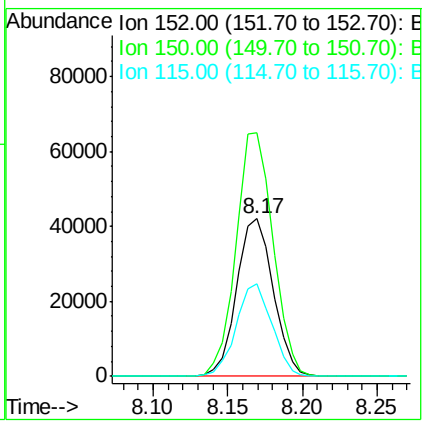


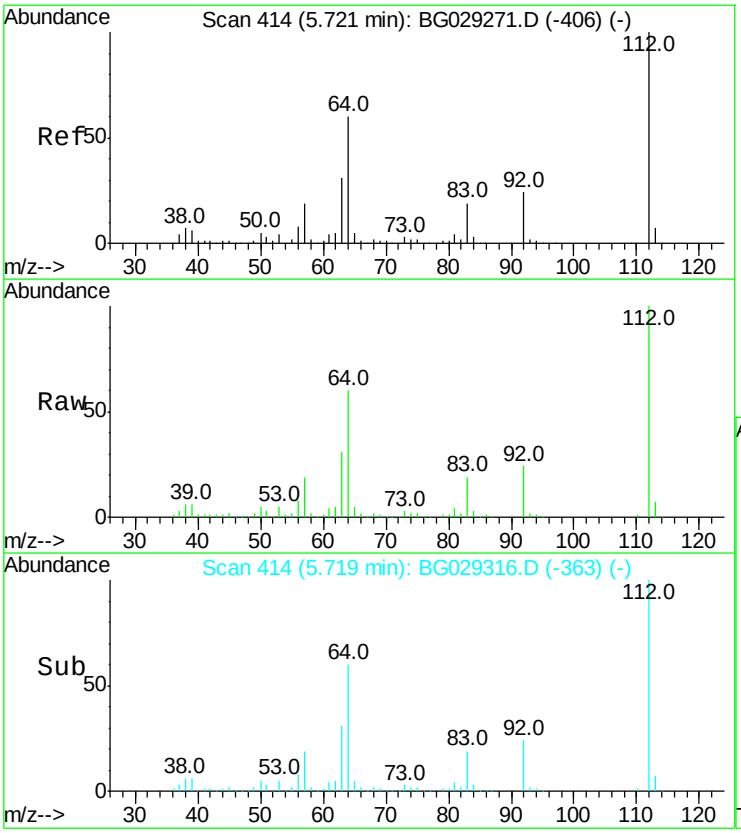
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Instrument :
BNA_G
ClientSampleId :
101117-TIFR-E-U-M

Tgt Ion:152 Resp: 71408

Ion	Ratio	Lower	Upper
152	100		
150	154.5	126.6	189.8
115	58.7	53.0	79.4

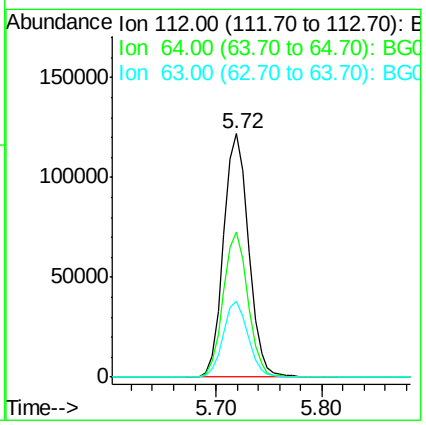


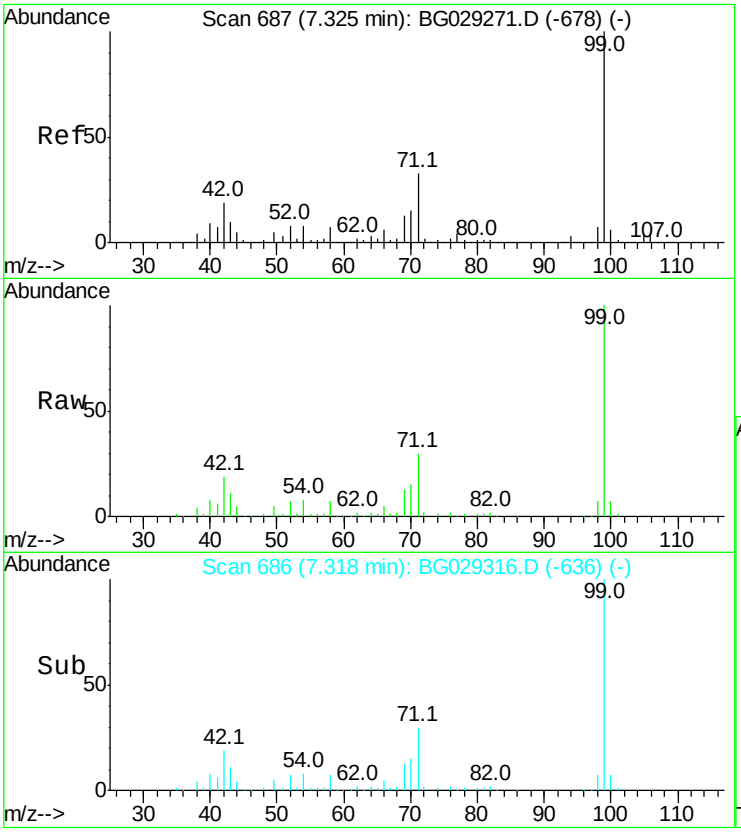


#5
2-Fluorophenol
Concen: 46.666 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Tgt Ion:112 Resp: 199476

Ion	Ratio	Lower	Upper
112	100		
64	59.5	56.3	84.5
63	31.4	30.1	45.1



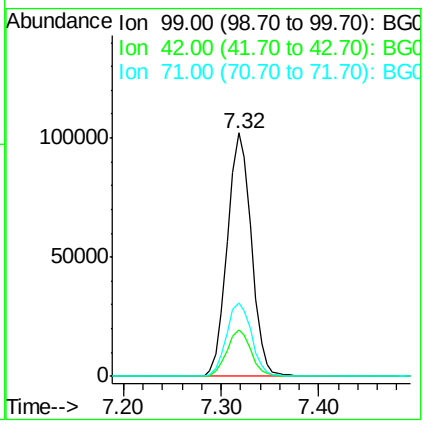


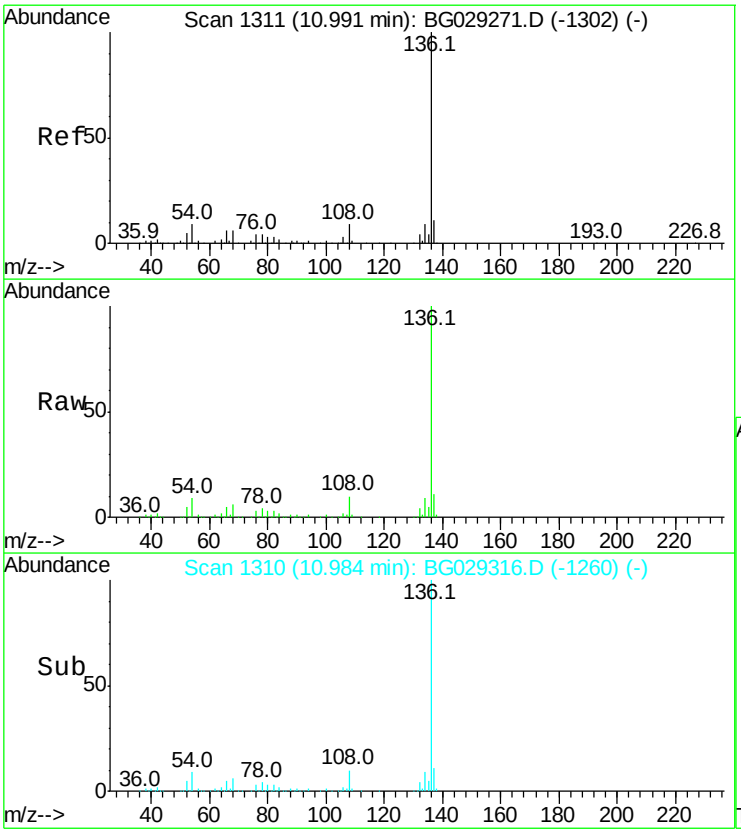
#7
Phenol-d6
Concen: 29.151 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Instrument :
BNA_G
ClientSampleId :
101117-TIFR-E-U-M

Tgt Ion: 99 Resp: 174903

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.1	21.1
71	30.4	26.1	39.1

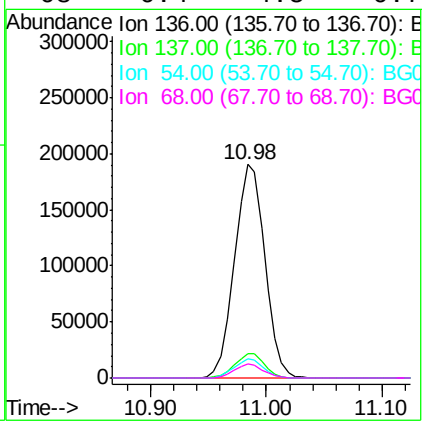


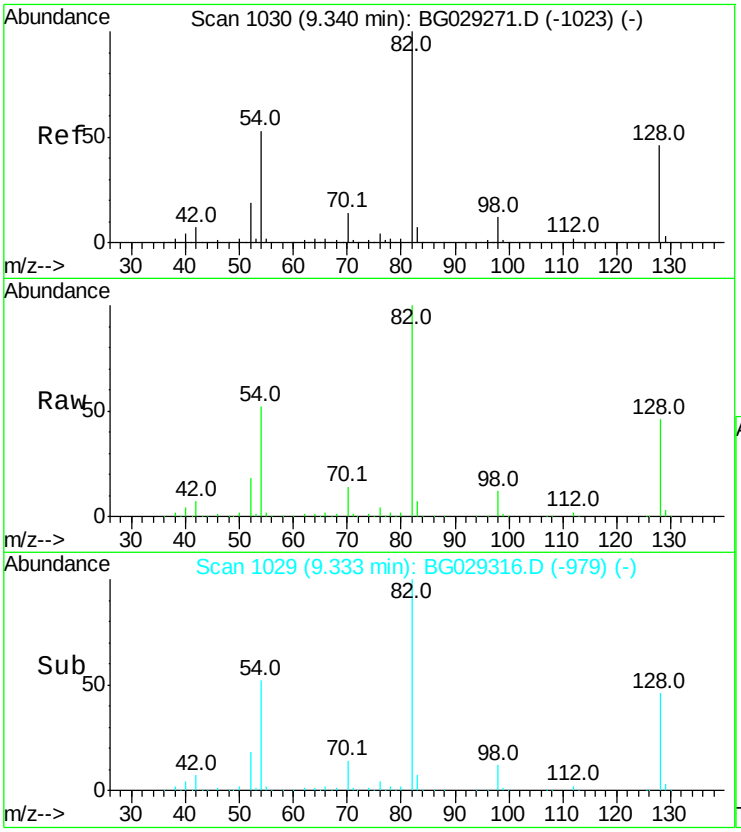


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Tgt Ion:136 Resp: 345660

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.9	10.3	15.5#
68	6.4	4.5	6.7



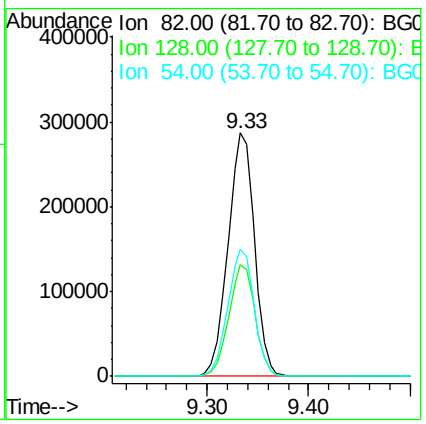


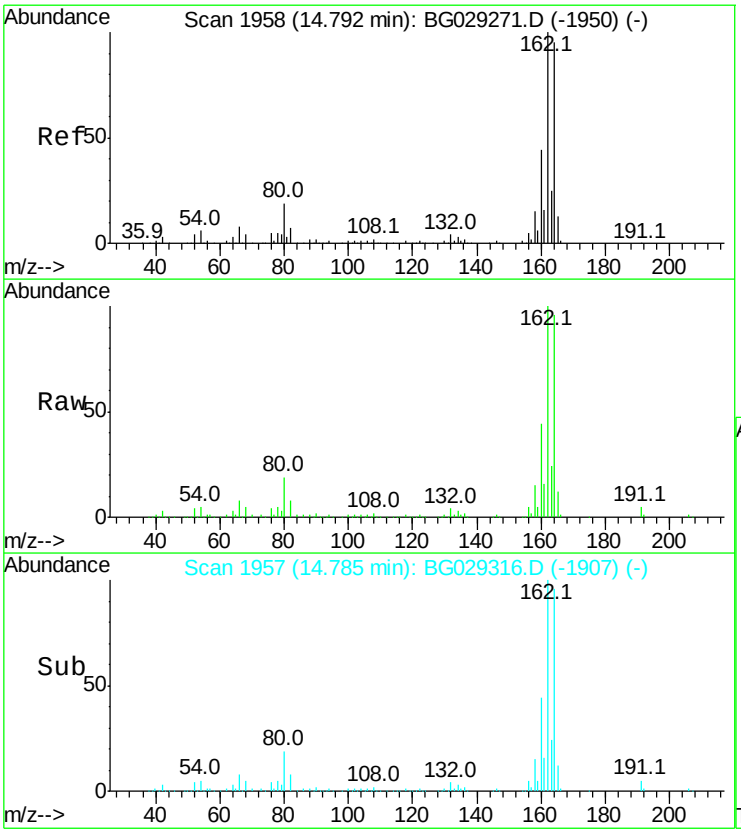
#23
Nitrobenzene-d5
Concen: 95.183 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Instrument :
BNA_G
ClientSampleId :
101117-TIFR-E-U-M

Tgt Ion: 82 Resp: 517738

Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	52.4	43.1	64.7

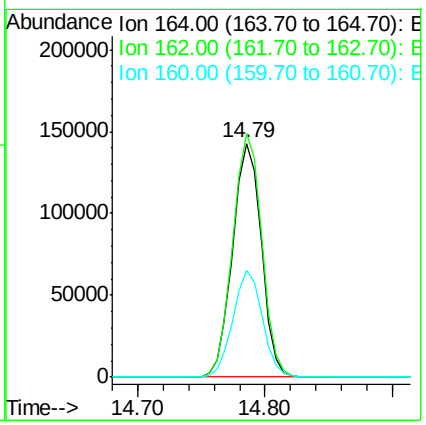


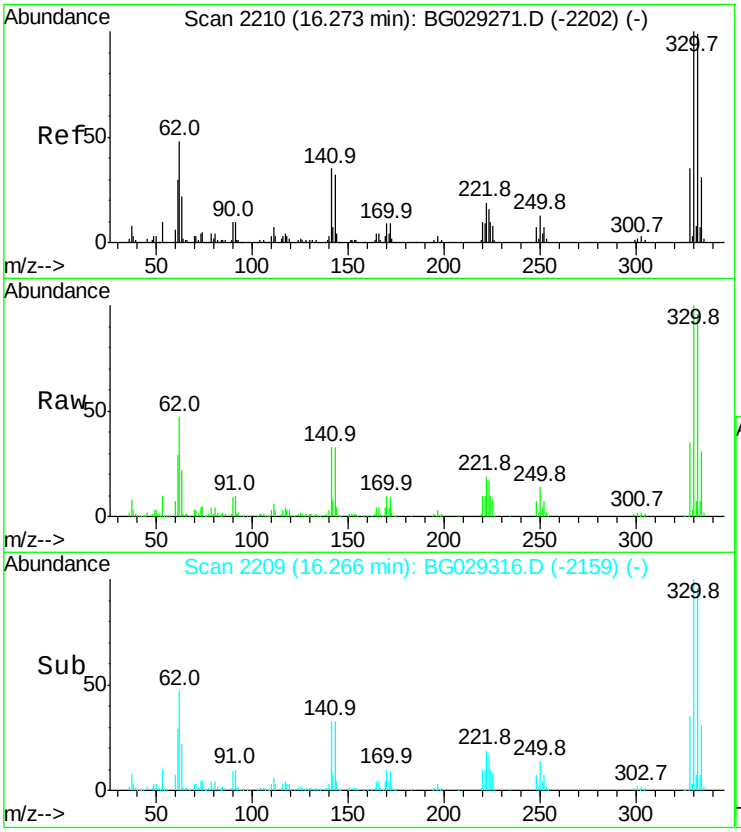


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Tgt Ion:164 Resp: 223142

Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	45.9	35.4	53.0



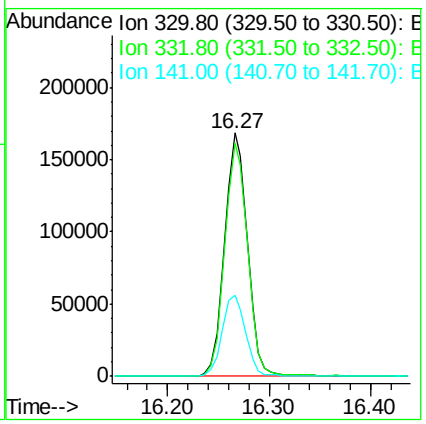


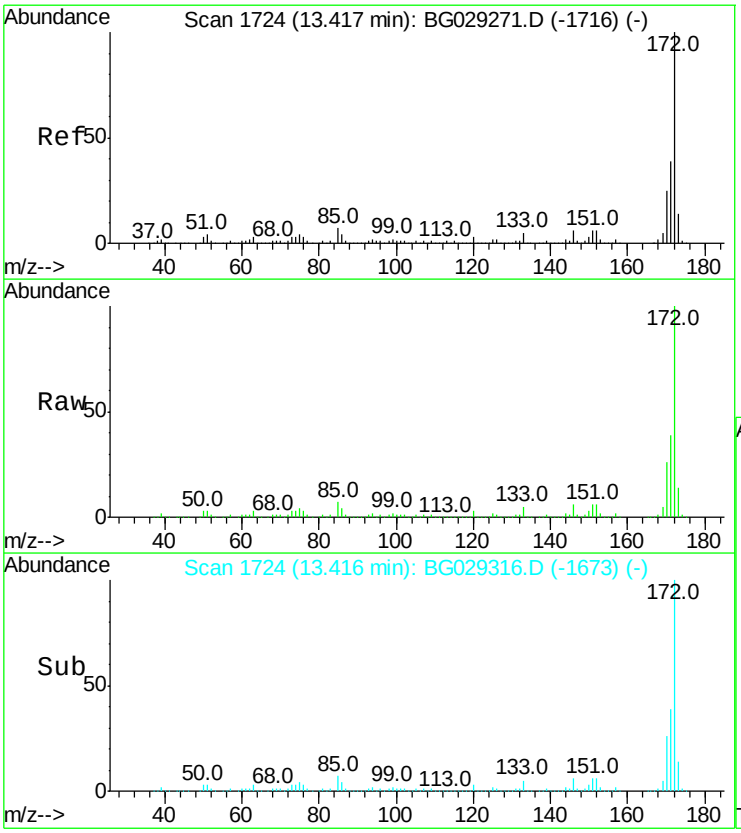
#41
2,4,6-Tribromophenol
Concen: 91.541 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Instrument :
BNA_G
ClientSampleId :
101117-TIFR-E-U-M

Tgt Ion:330 Resp: 263730

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	34.1	25.2	37.8

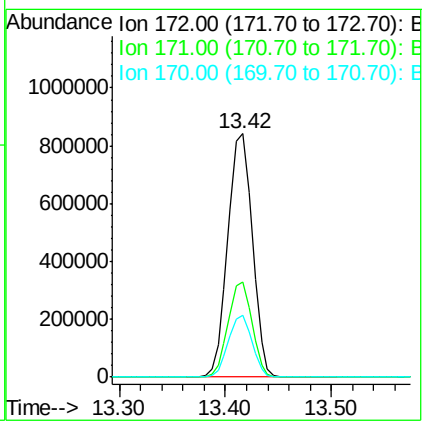


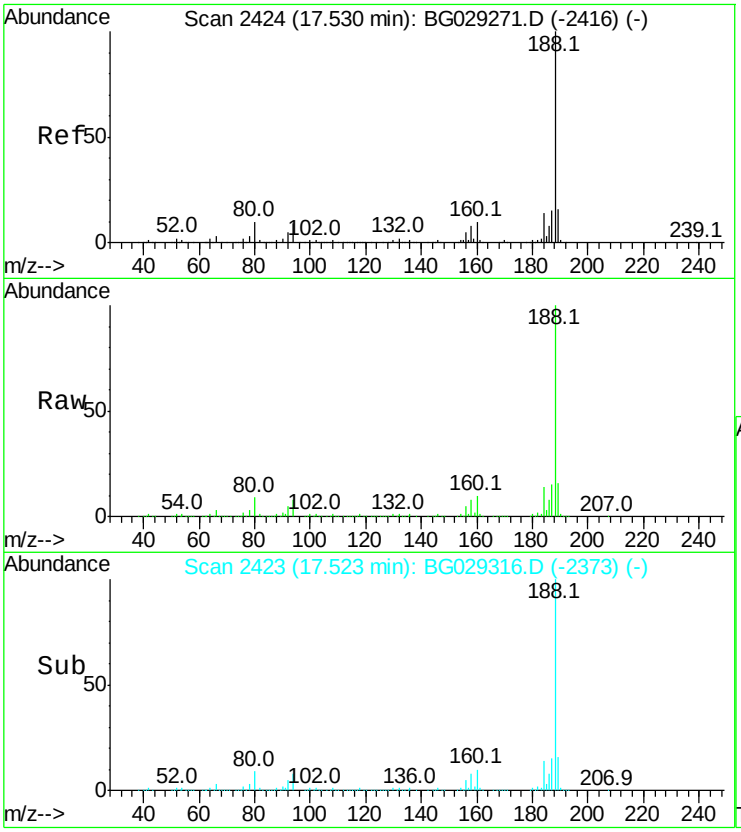


#44
2-Fluorobiphenyl
Concen: 88.729 ng
RT: 13.42 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Tgt Ion:172 Resp: 1349961

Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	25.7	19.5	29.3



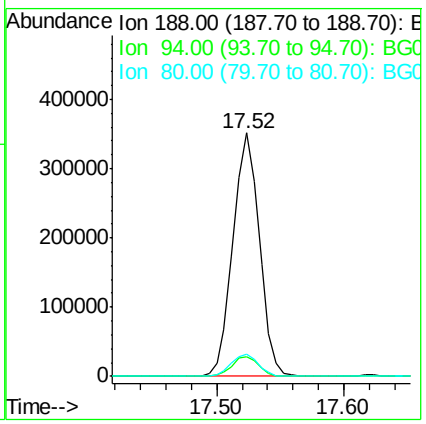


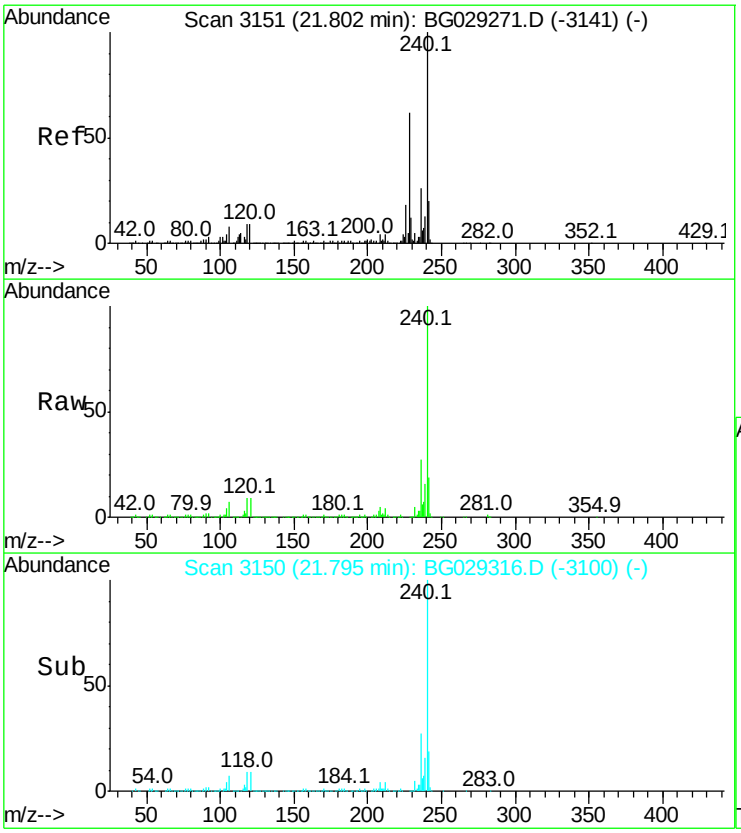
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Instrument :
BNA_G
ClientSampleId :
101117-TIFR-E-U-M

Tgt Ion:188 Resp: 507405

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.0	7.7	11.5

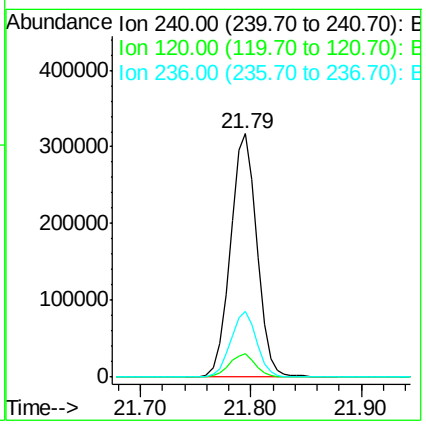


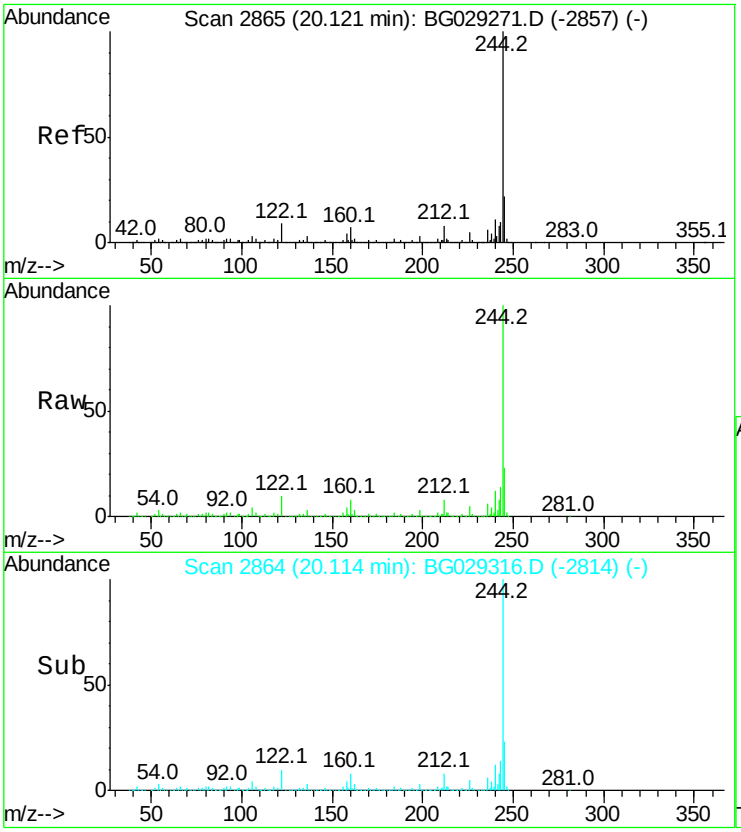


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Tgt Ion:240 Resp: 532462

Ion	Ratio	Lower	Upper
240	100		
120	9.5	6.8	10.2
236	26.9	20.9	31.3



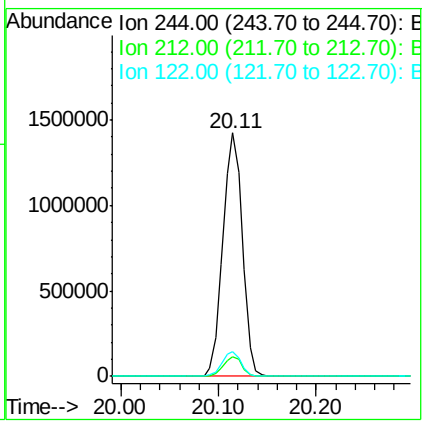


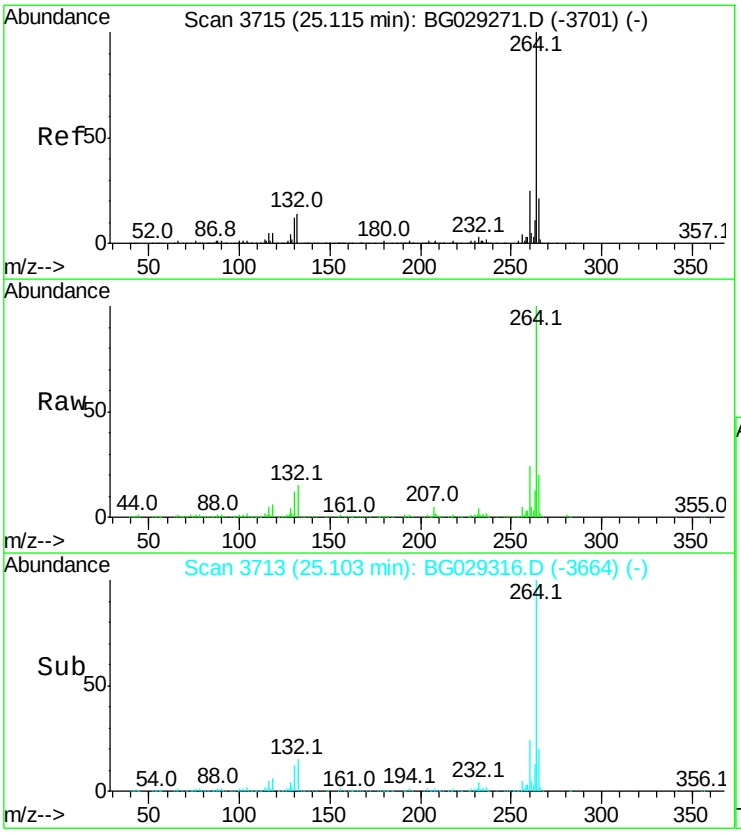
#78
Terphenyl-d14
Concen: 84.241 ng
RT: 20.11 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Instrument :
BNA_G
ClientSampleId :
101117-TIFR-E-U-M

Tgt Ion:244 Resp: 1971704

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	10.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG029316.D
Acq: 18 Oct 2017 00:49

Tgt Ion:264 Resp: 535761

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.2	17.7	26.5