Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
Data File : BG030531.D
Acq On : 28 Oct 2017 17:22
Operator : SJ/JU
Sample : PB103686BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB103686BL

Quant Time: Oct 30 06:46:38 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	8.16	152	64859	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	272071	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	177392	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	458745	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	533857	20.00	ng	0.00
86) Perylene-d12	25.10	264	531765	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	412572	106.26	ng	0.00
7) Phenol-d6	7.32	99	526451	96.60	ng	0.00
23) Nitrobenzene-d5	9.33	82	303531	70.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	271367	118.48	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	843346	69.73	ng	0.00
78) Terphenyl-d14	20.11	244	1525845	65.02	ng	-0.01
Target Compounds						Qvalue

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

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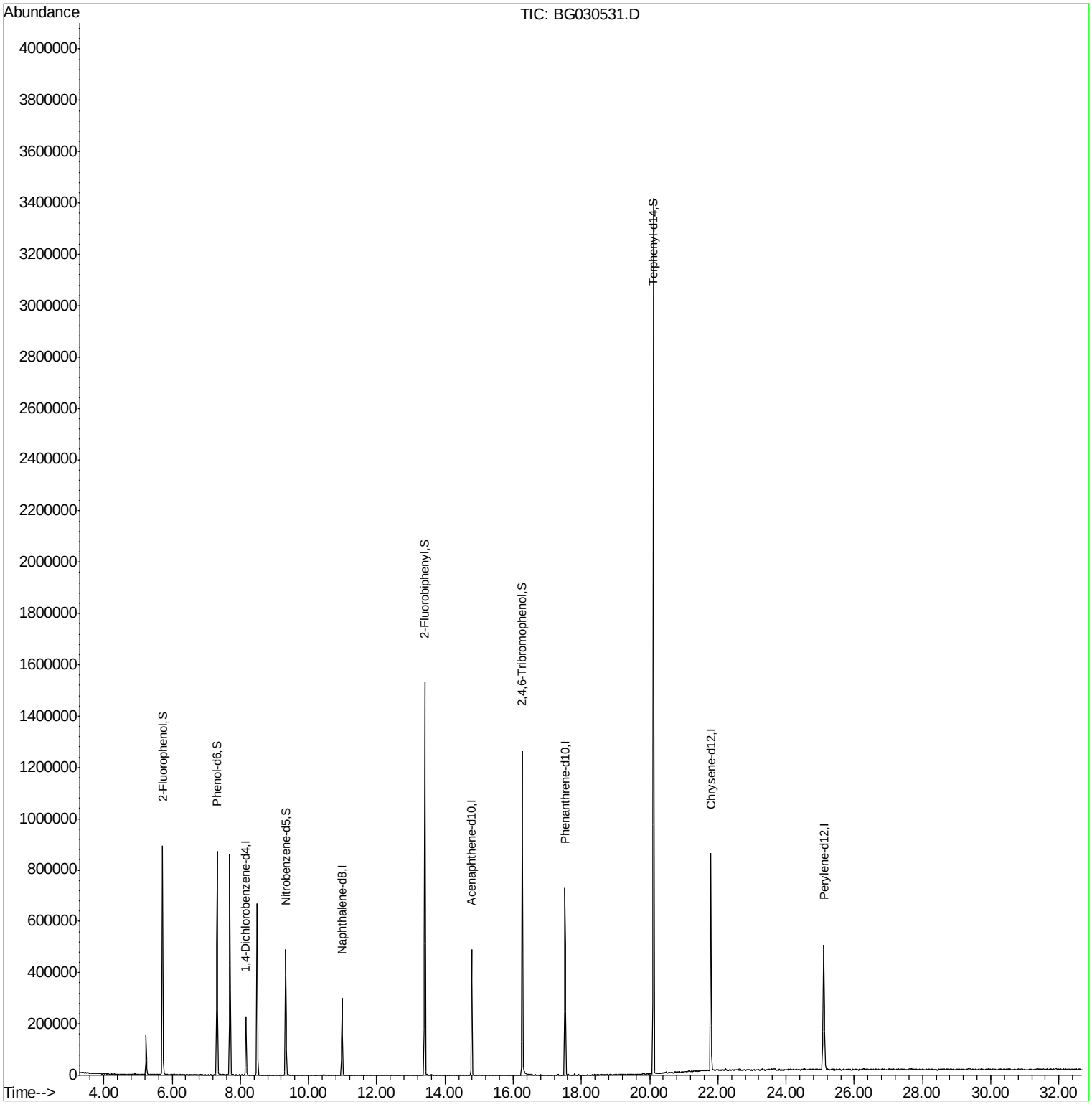
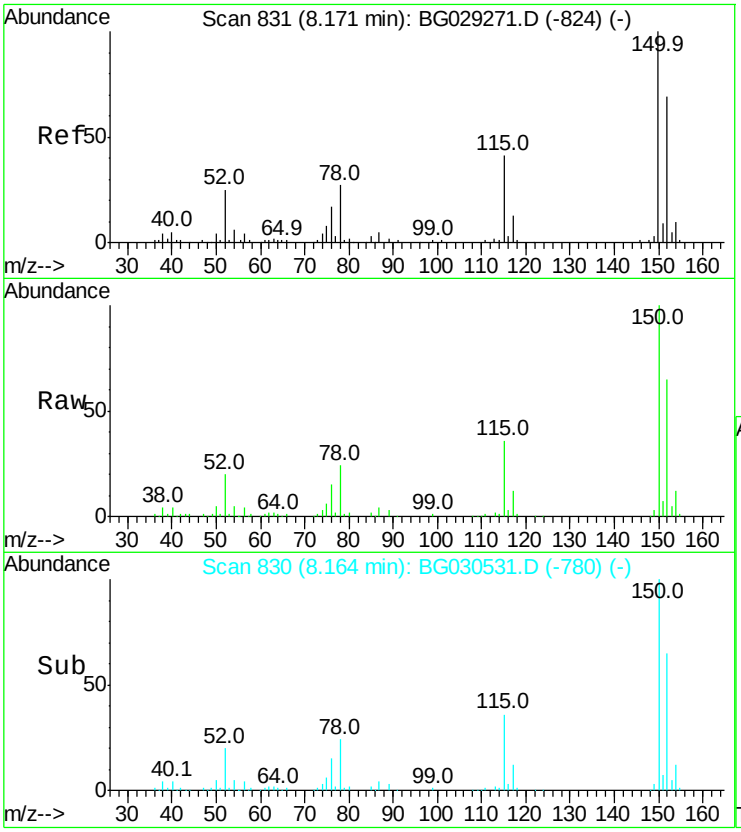


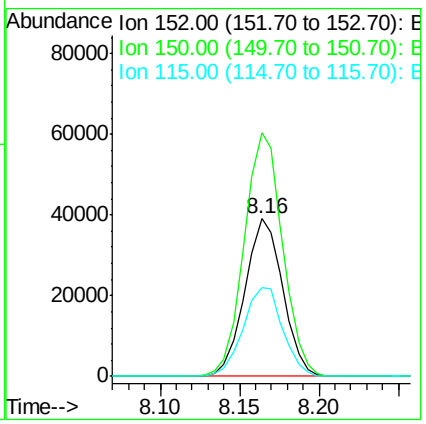


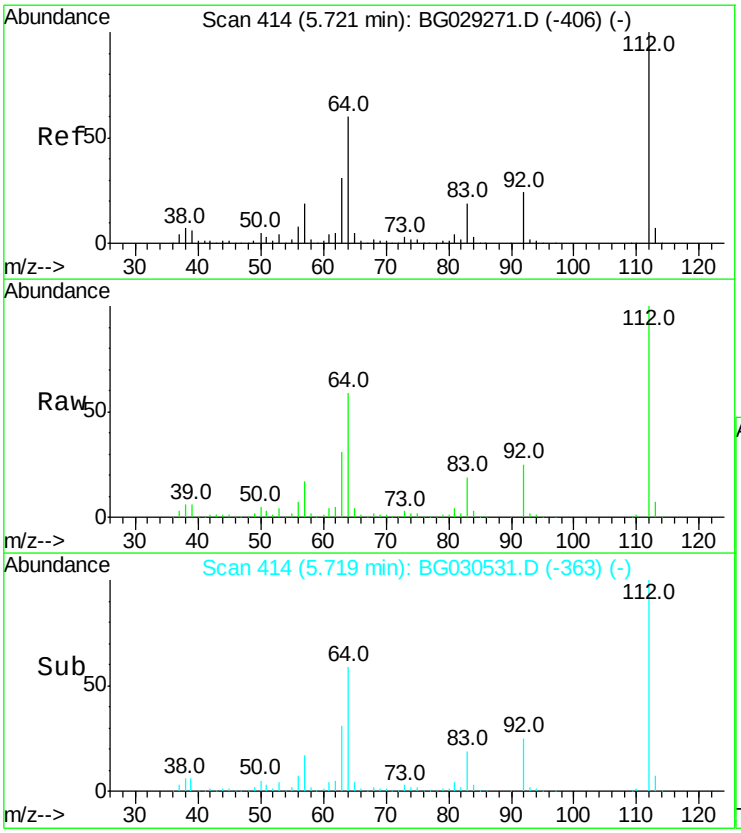
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030531.D
Acq: 28 Oct 2017 17:22

Instrument :
BNA_G
ClientSampleId :
PB103686BL

Tgt Ion:152 Resp: 64859

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.6	189.8
115	56.4	53.0	79.4

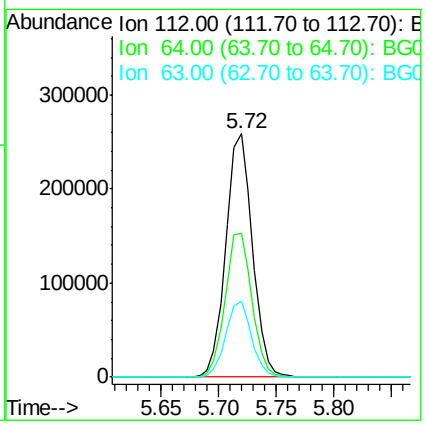


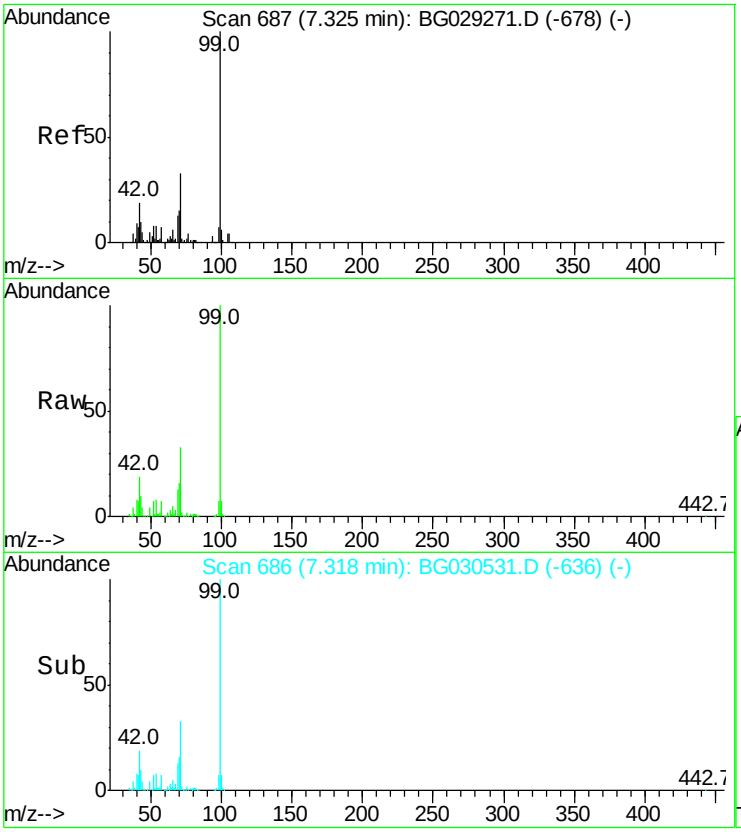


#5
2-Fluorophenol
Concen: 106.265 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG030531.D
Acq: 28 Oct 2017 17:22

Tgt Ion:112 Resp: 412572

Ion	Ratio	Lower	Upper
112	100		
64	58.8	56.3	84.5
63	31.1	30.1	45.1



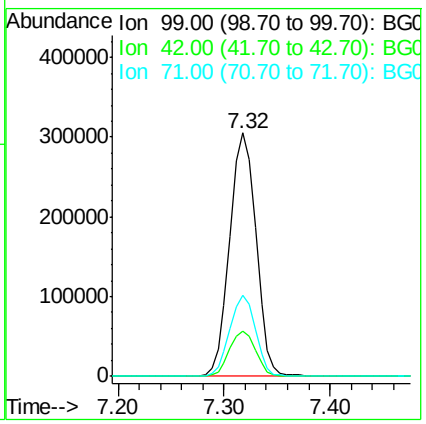


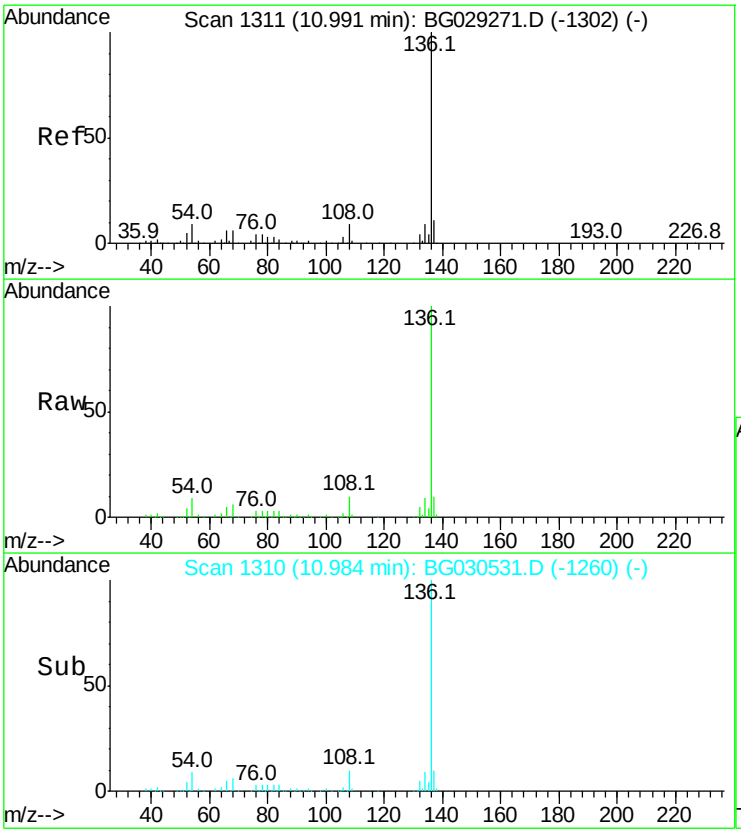
#7
Phenol-d6
Concen: 96.602 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG030531.D
Acq: 28 Oct 2017 17:22

Instrument :
BNA_G
ClientSampleId :
PB103686BL

Tgt Ion: 99 Resp: 526451

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	33.4	26.1	39.1

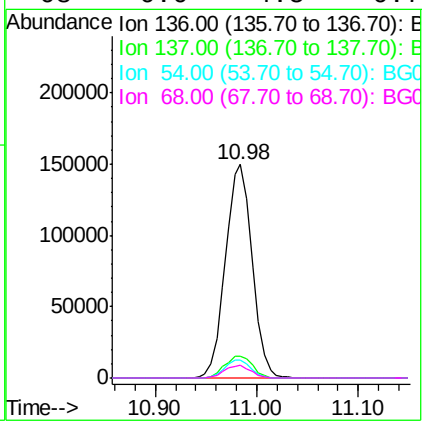


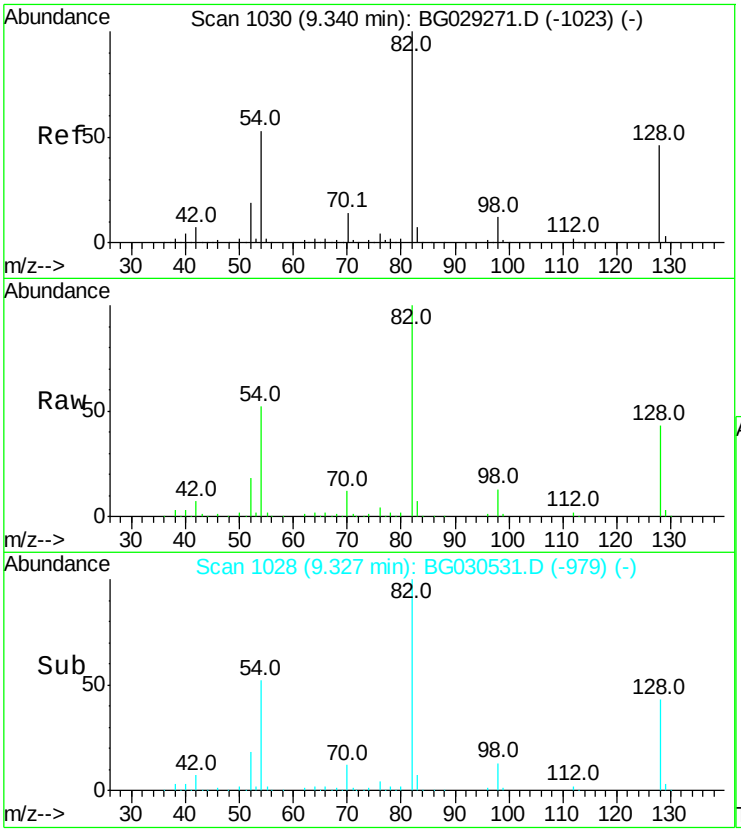


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG030531.D
Acq: 28 Oct 2017 17:22

Tgt Ion:136 Resp: 272071

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	8.6	10.3	15.5#
68	6.0	4.5	6.7



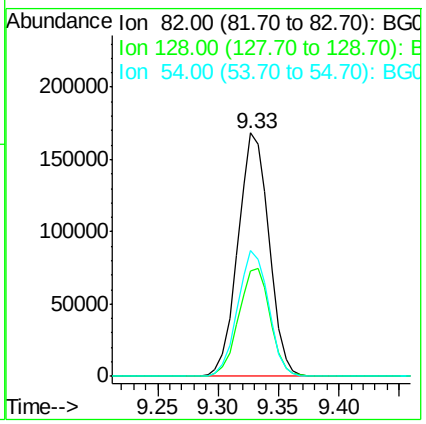


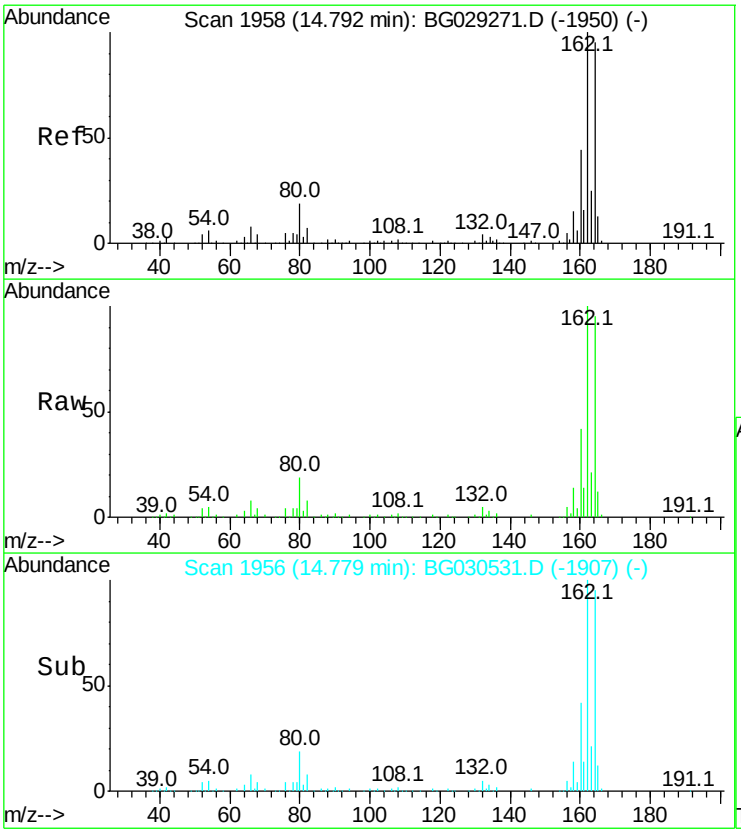
#23
Nitrobenzene-d5
Concen: 70.895 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030531.D
Acq: 28 Oct 2017 17:22

Instrument :
BNA_G
ClientSampleId :
PB103686BL

Tgt Ion: 82 Resp: 303531

Ion	Ratio	Lower	Upper
82	100		
128	43.2	29.7	44.5
54	51.6	43.1	64.7

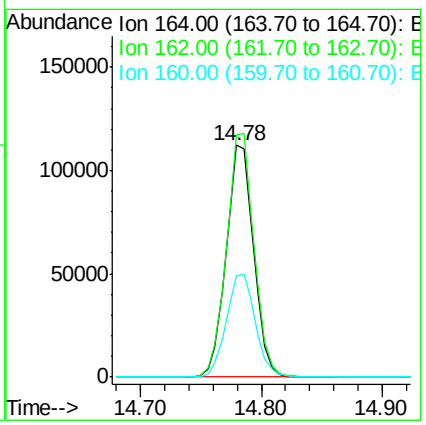


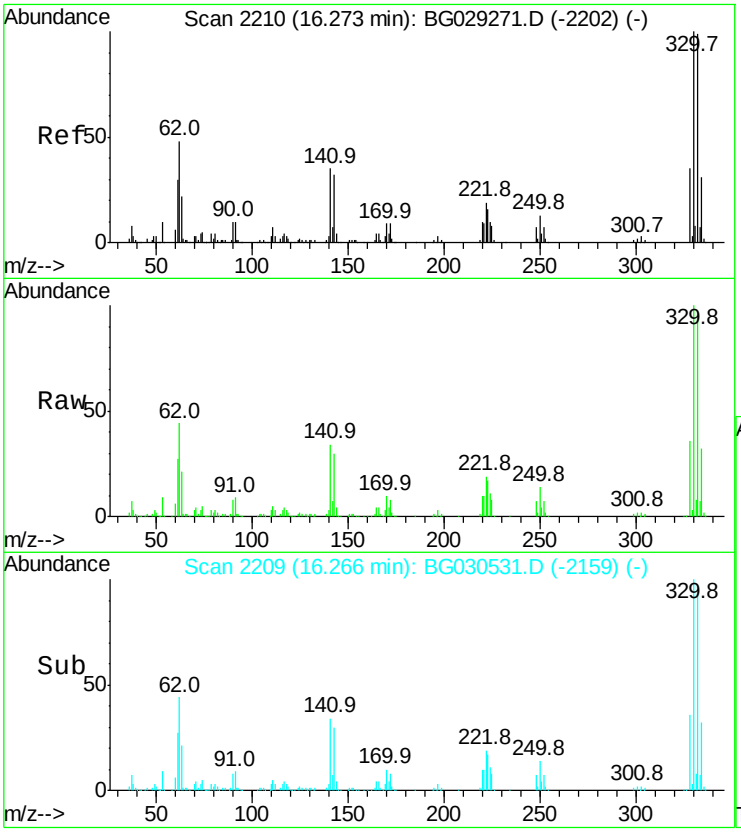


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030531.D
Acq: 28 Oct 2017 17:22

Tgt Ion:164 Resp: 177392

Ion	Ratio	Lower	Upper
164	100		
162	104.8	78.8	118.2
160	43.7	35.4	53.0



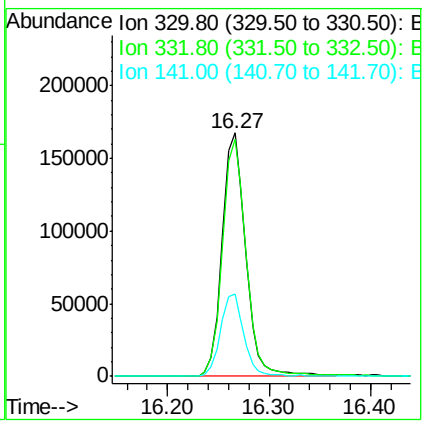


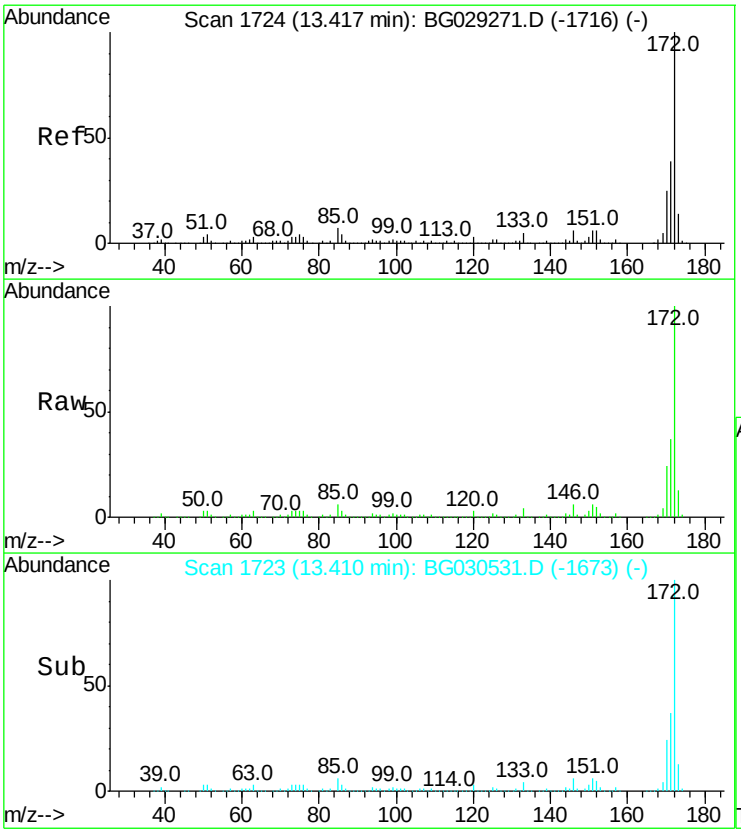
#41
2,4,6-Tribromophenol
Concen: 118.485 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG030531.D
Acq: 28 Oct 2017 17:22

Instrument :
BNA_G
ClientSampleId :
PB103686BL

Tgt Ion:330 Resp: 271367

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.7	25.2	37.8

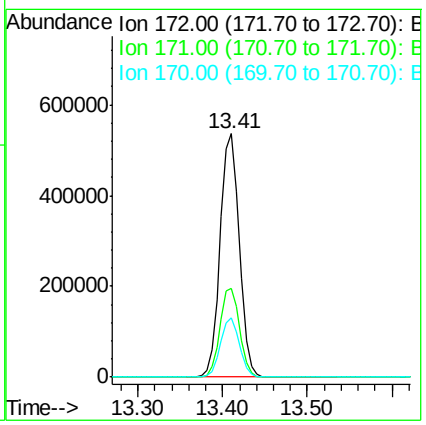


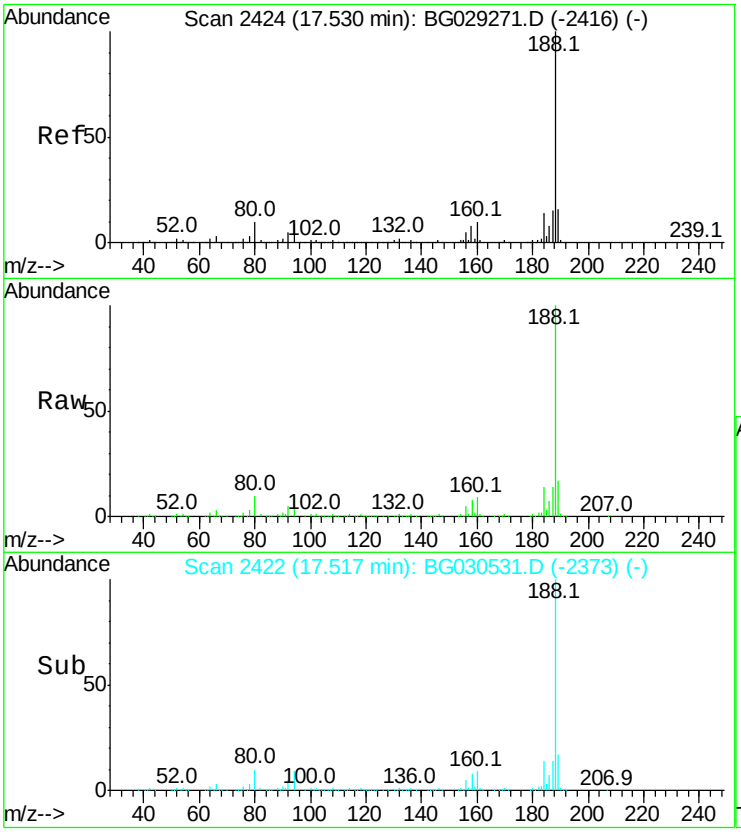


#44
2-Fluorobiphenyl
Concen: 69.727 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG030531.D
Acq: 28 Oct 2017 17:22

Tgt Ion:172 Resp: 843346

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.2	19.5	29.3



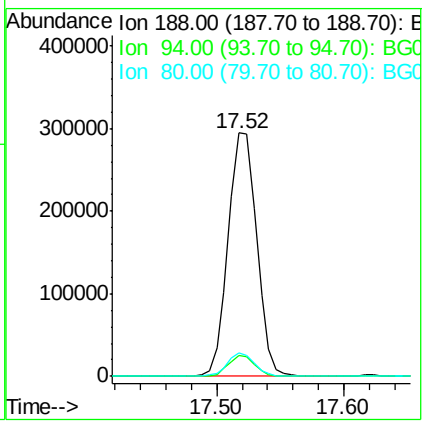


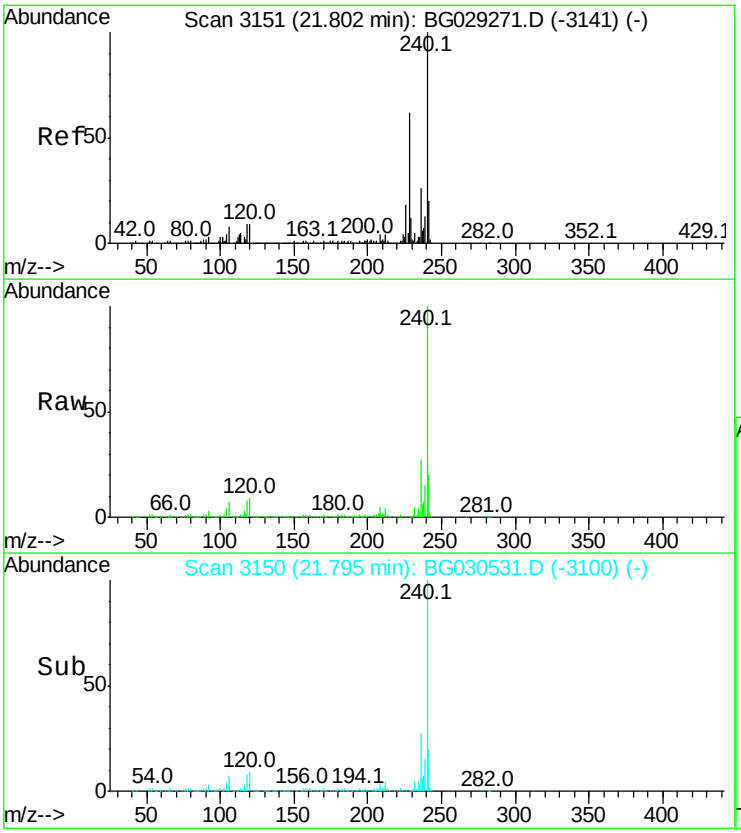
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030531.D
Acq: 28 Oct 2017 17:22

Instrument :
BNA_G
ClientSampleId :
PB103686BL

Tgt Ion:188 Resp: 458745

Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.9	10.3
80	9.5	7.7	11.5

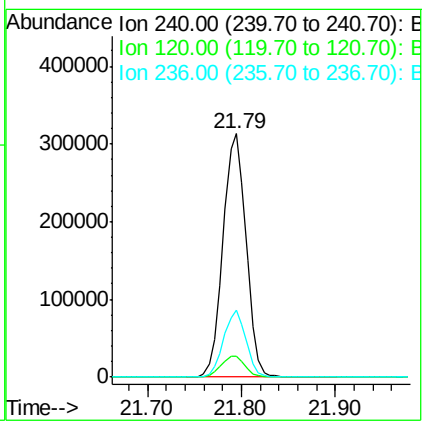


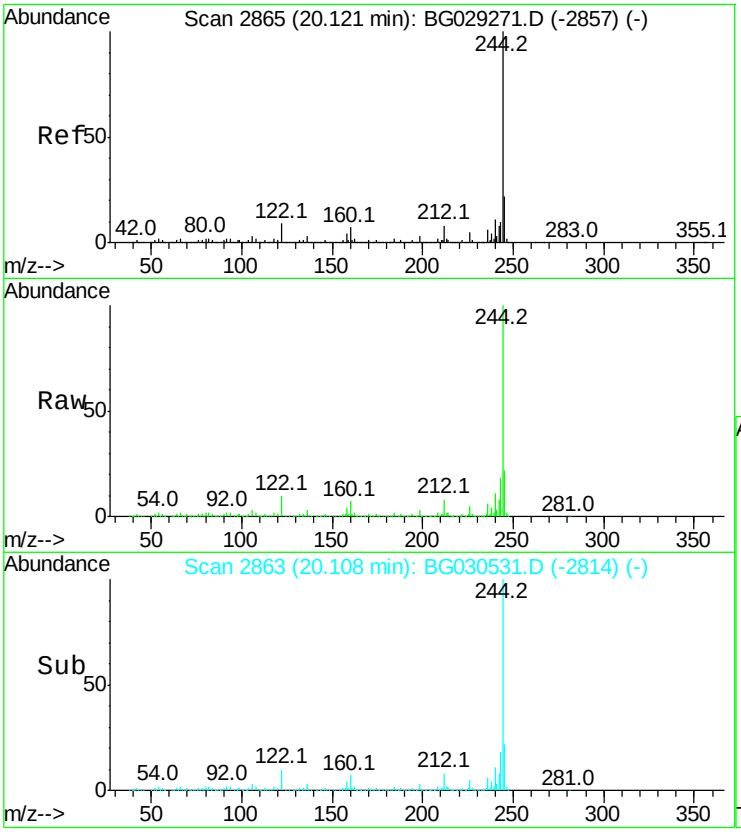


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030531.D
Acq: 28 Oct 2017 17:22

Tgt Ion:240 Resp: 533857

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.8	10.2
236	27.4	20.9	31.3



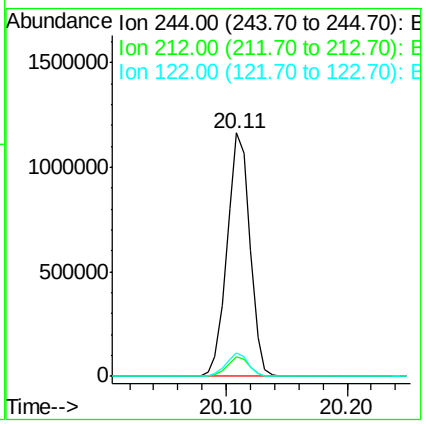


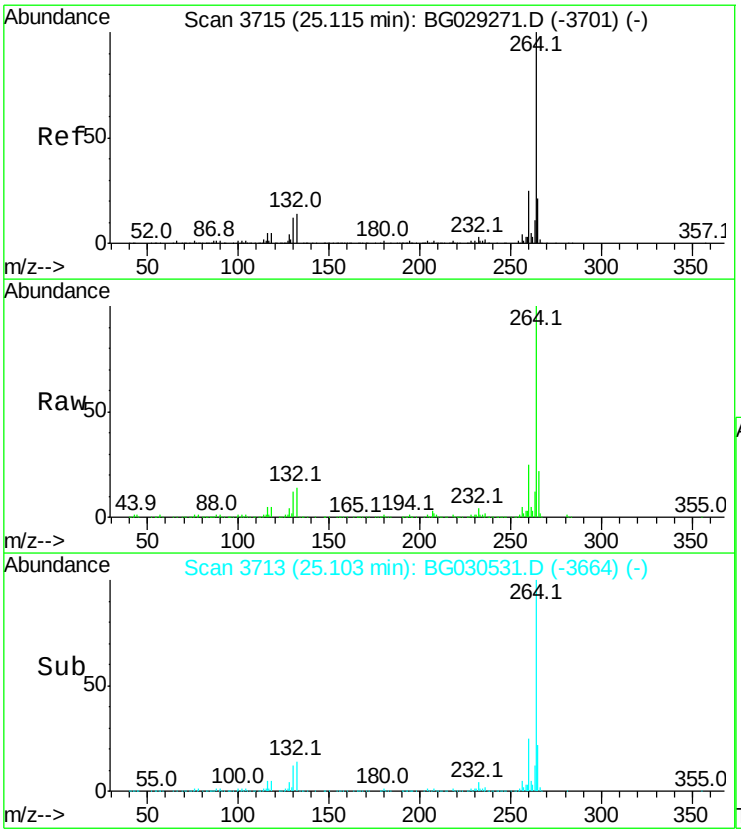
#78
Terphenyl-d14
Concen: 65.021 ng
RT: 20.11 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG030531.D
Acq: 28 Oct 2017 17:22

Instrument :
BNA_G
ClientSampleId :
PB103686BL

Tgt Ion:244 Resp: 1525845

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	9.6	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: BG030531.D
Acq: 28 Oct 2017 17:22

Tgt Ion:264 Resp: 531765

Ion	Ratio	Lower	Upper
264	100		
260	24.9	17.4	26.0
265	21.9	17.7	26.5