Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
Data File : BG029390.D
Acq On : 21 Oct 2017 14:04
Operator : SJ/JU
Sample : I5981-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : NB-01-101817-C

Quant Time: Oct 21 23:06:43 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	54403	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	233303	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	155831	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	440828	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	499489	20.00	ng	-0.01
86) Perylene-d12	25.09	264	509218	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	405067	124.38	ng	0.00
7) Phenol-d6	7.32	99	486854	106.51	ng	0.00
23) Nitrobenzene-d5	9.33	82	341413	92.99	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	363104	180.47	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	940567	88.52	ng	0.00
78) Terphenyl-d14	20.11	244	2036323	92.74	ng	-0.01
Target Compounds						Qvalue

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

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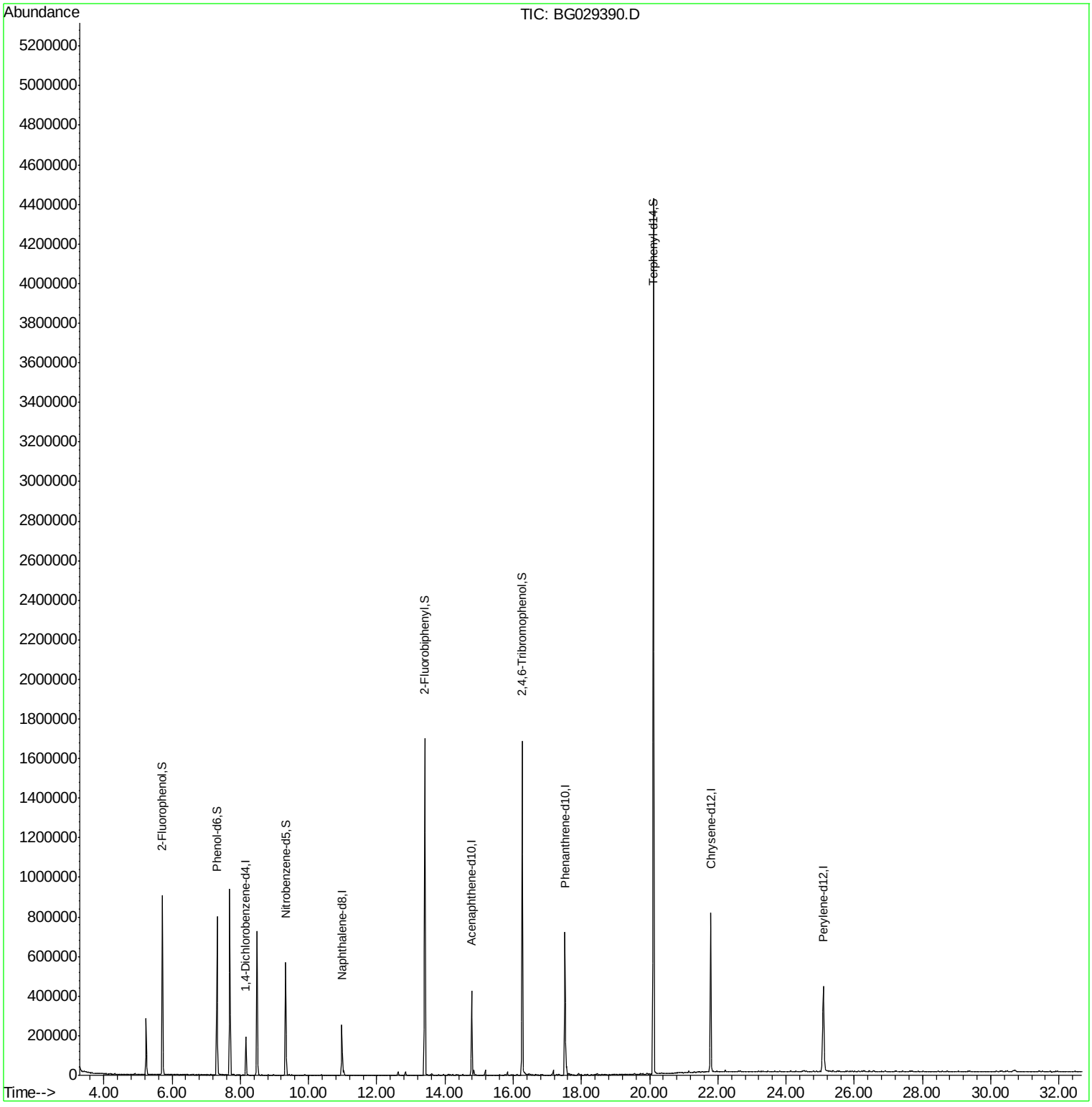
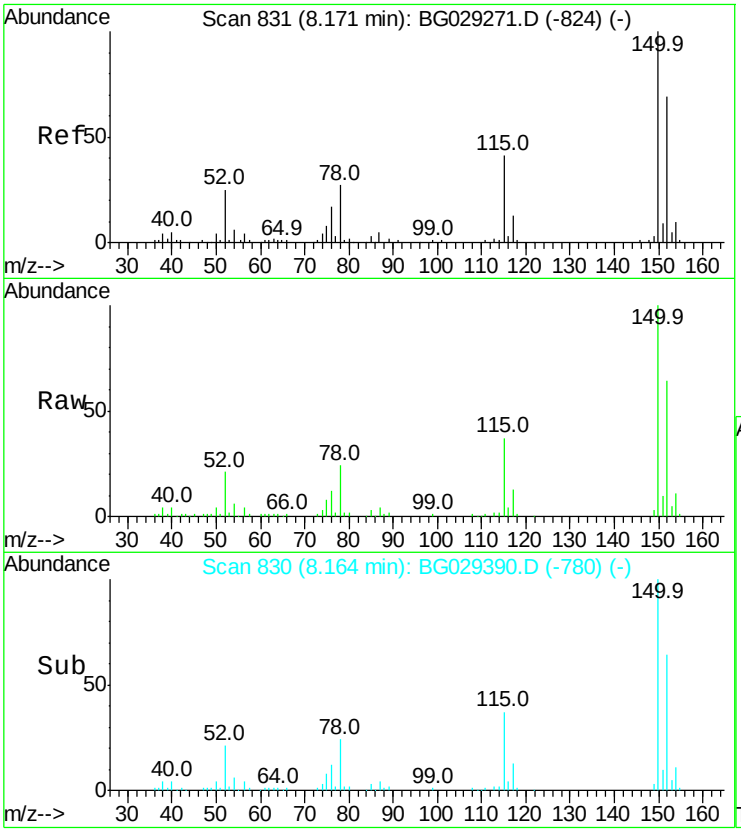


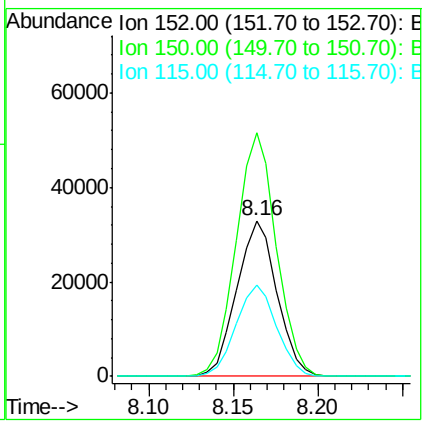


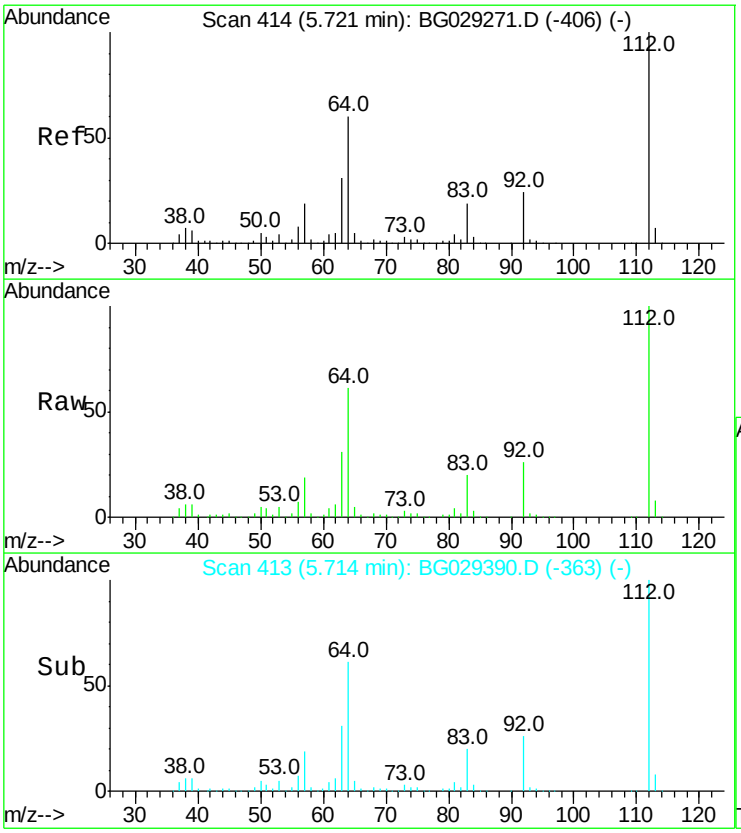
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Instrument :
BNA_G
ClientSampleId :
NB-01-101817-C

Tgt Ion:152 Resp: 54403

Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.6	189.8
115	58.6	53.0	79.4

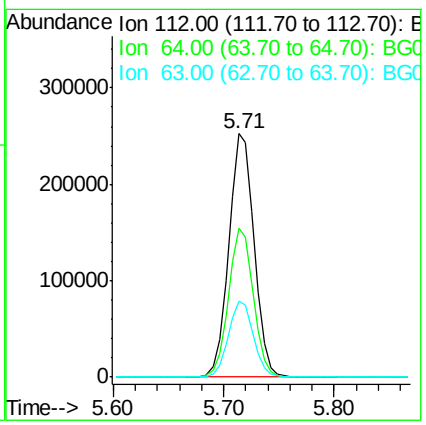


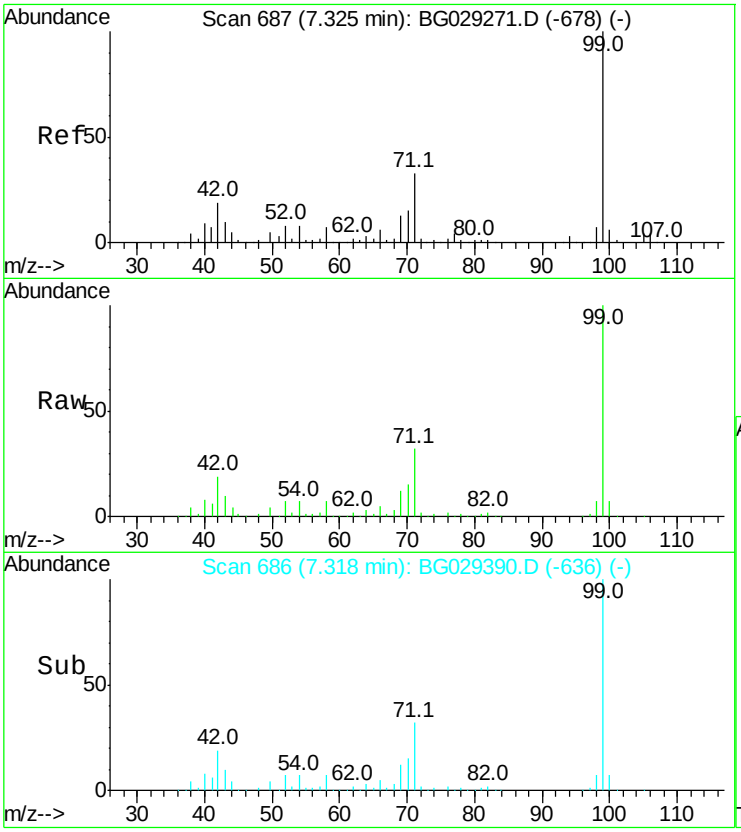


#5
2-Fluorophenol
Concen: 124.384 ng
RT: 5.71 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Tgt Ion:112 Resp: 405067

Ion	Ratio	Lower	Upper
112	100		
64	61.0	56.3	84.5
63	31.4	30.1	45.1



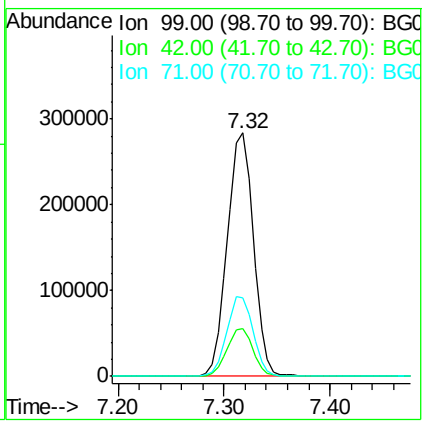


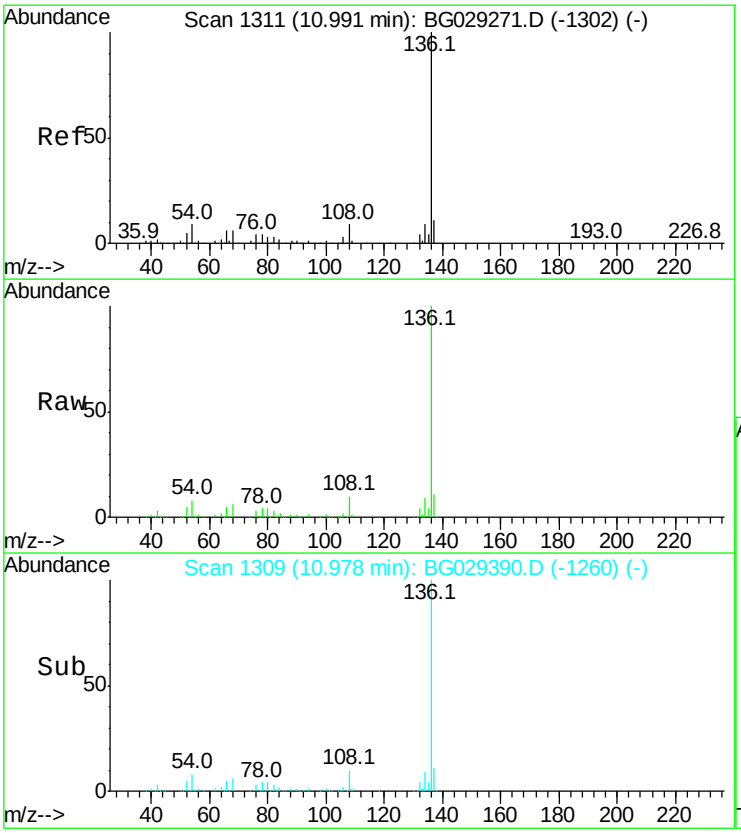
#7
Phenol-d6
Concen: 106.506 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Instrument :
BNA_G
ClientSampleId :
NB-01-101817-C

Tgt Ion: 99 Resp: 486854

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.1	21.1
71	32.4	26.1	39.1

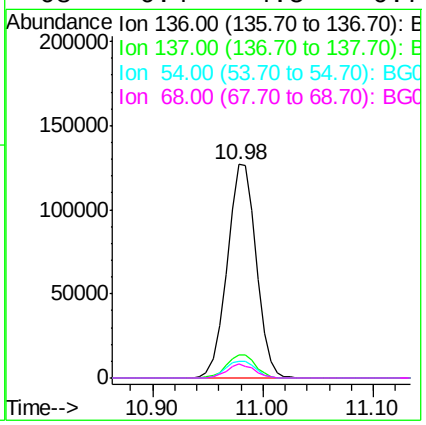


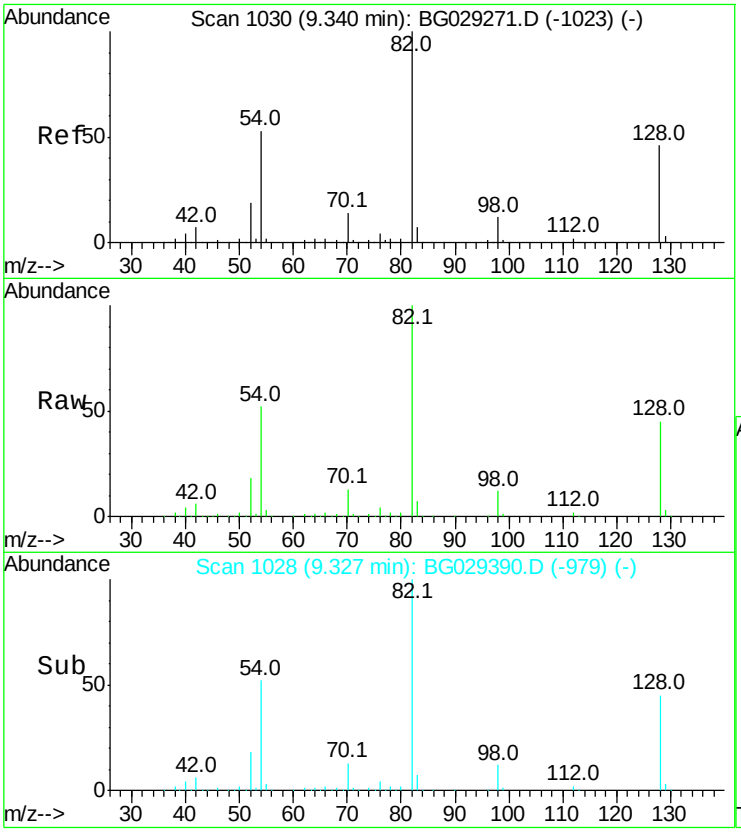


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Tgt Ion:136 Resp: 233303

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.9	10.3	15.5#
68	6.4	4.5	6.7



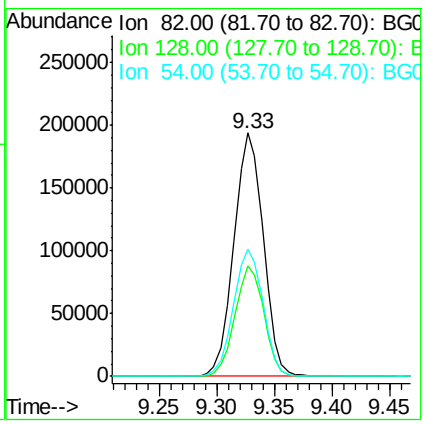


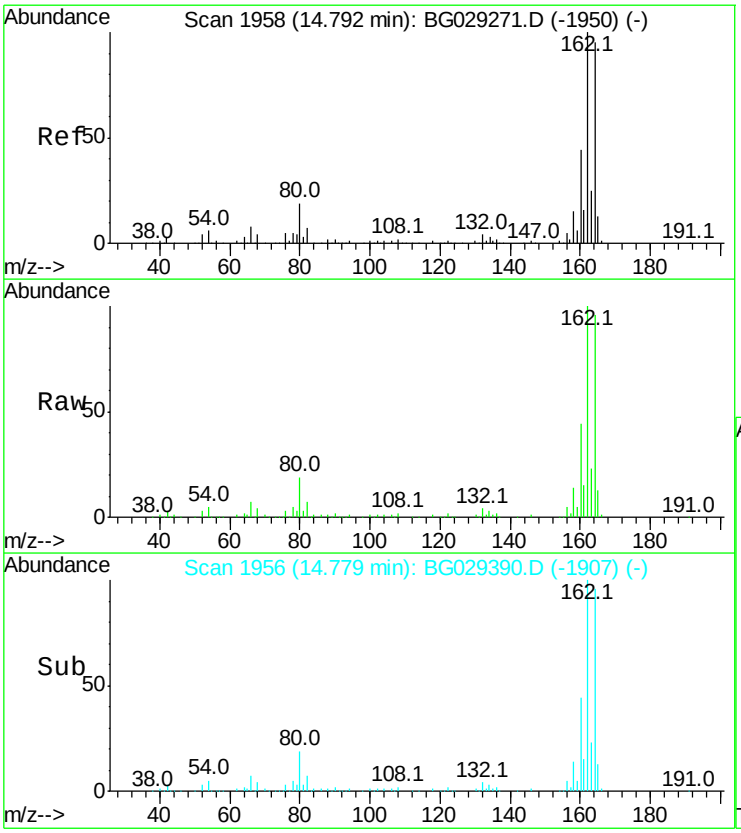
#23
Nitrobenzene-d5
Concen: 92.994 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Instrument : BNA_G
ClientSampleId : NB-01-101817-C

Tgt Ion: 82 Resp: 341413

Ion	Ratio	Lower	Upper
82	100		
128	45.4	29.7	44.5#
54	52.1	43.1	64.7

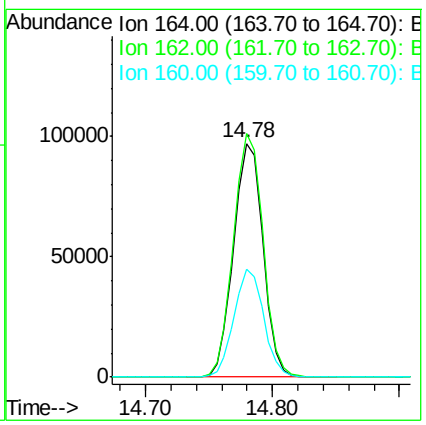


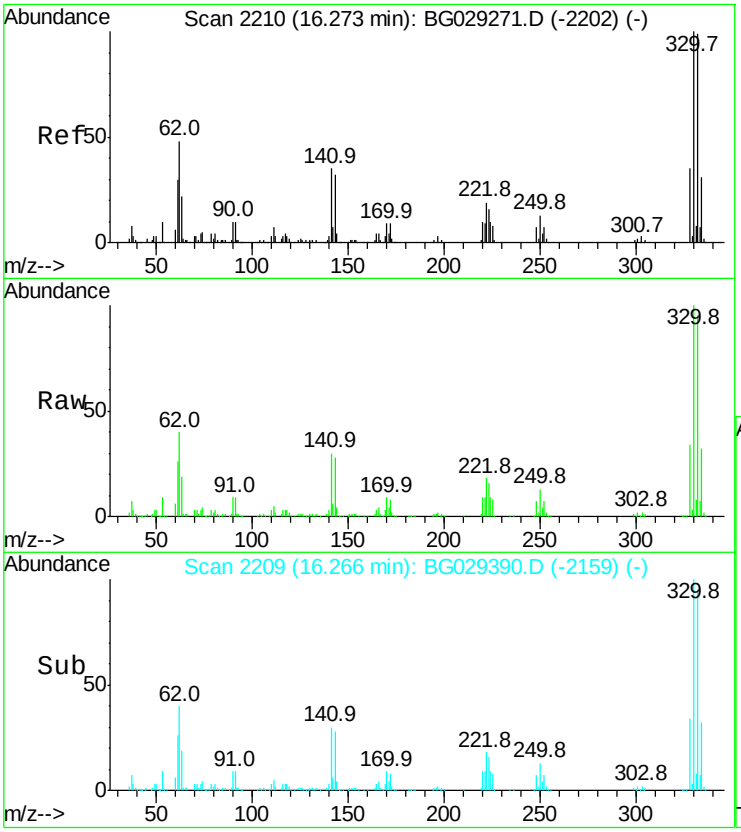


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Tgt Ion:164 Resp: 155831

Ion	Ratio	Lower	Upper
164	100		
162	104.1	78.8	118.2
160	46.2	35.4	53.0



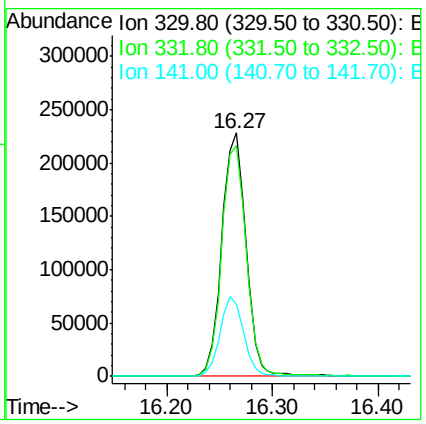


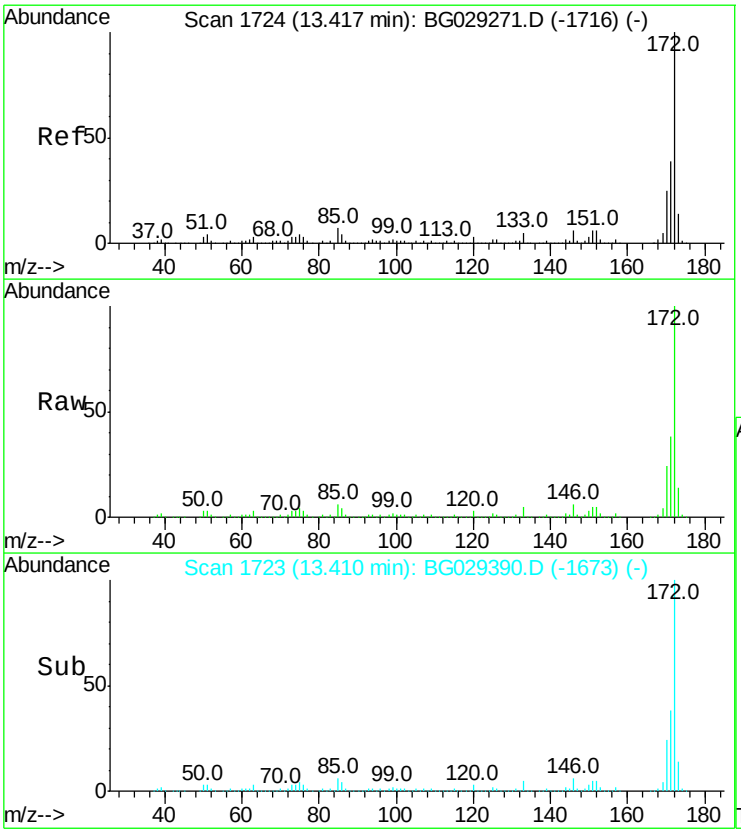
#41
2,4,6-Tribromophenol
Concen: 180.475 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Instrument :
BNA_G
ClientSampleId :
NB-01-101817-C

Tgt Ion:330 Resp: 363104

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	32.1	25.2	37.8

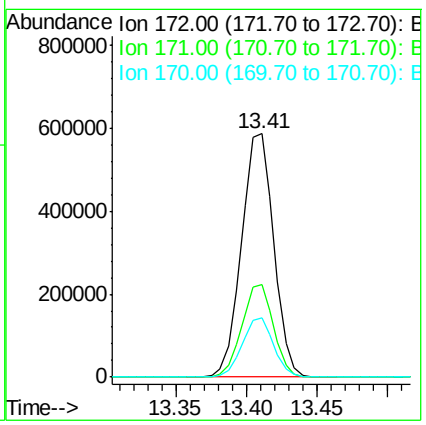


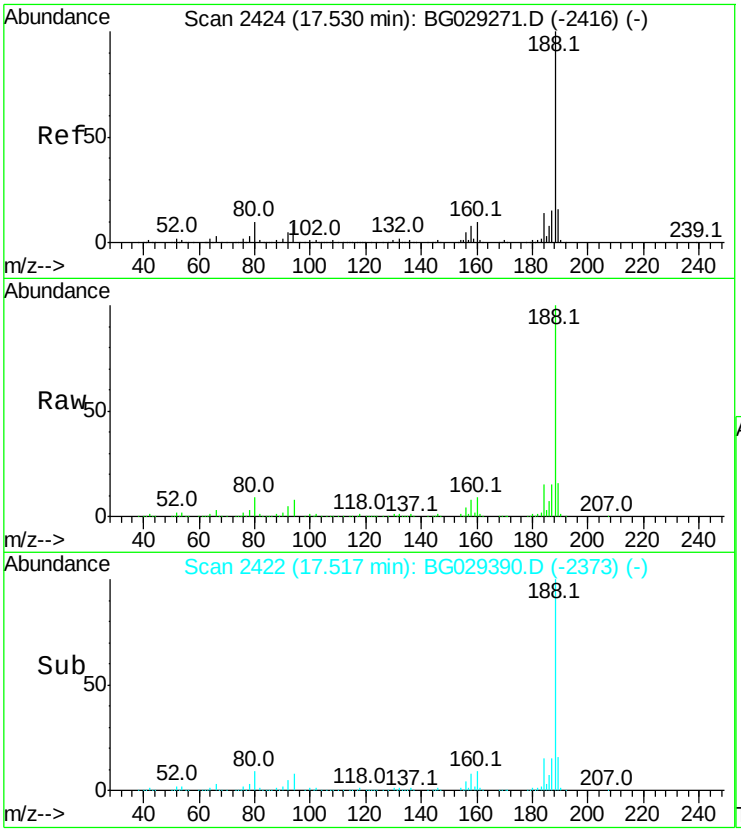


#44
2-Fluorobiphenyl
Concen: 88.525 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Tgt Ion:172 Resp: 940567

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.5	19.5	29.3



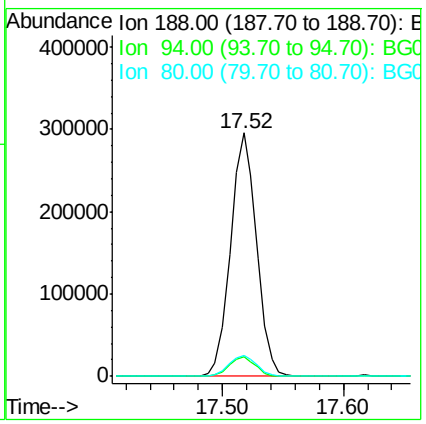


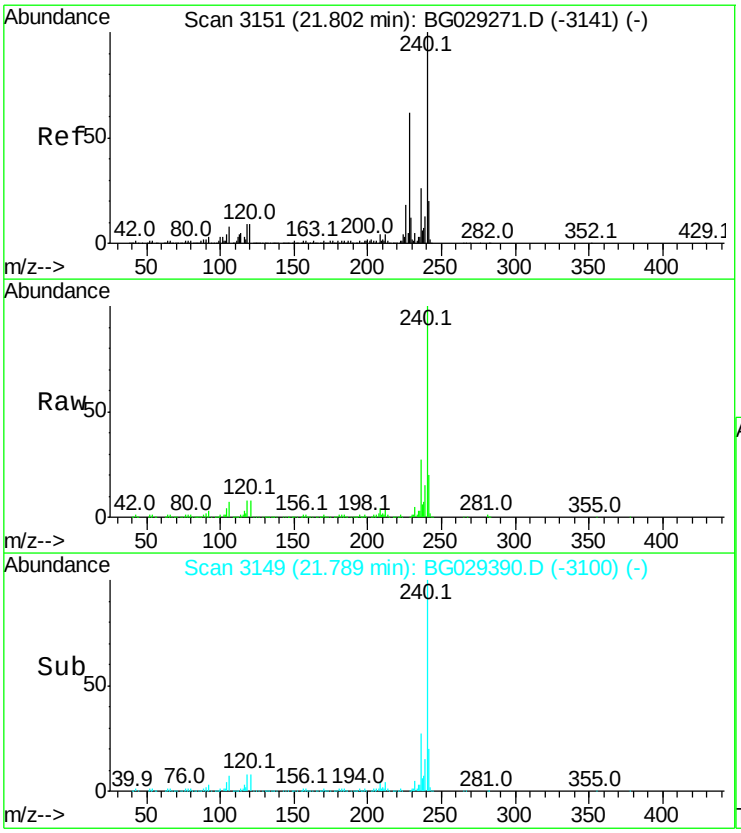
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Instrument :
BNA_G
ClientSampleId :
NB-01-101817-C

Tgt Ion:188 Resp: 440828

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.7	7.7	11.5

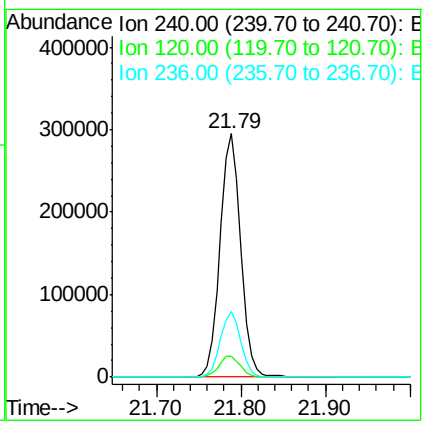


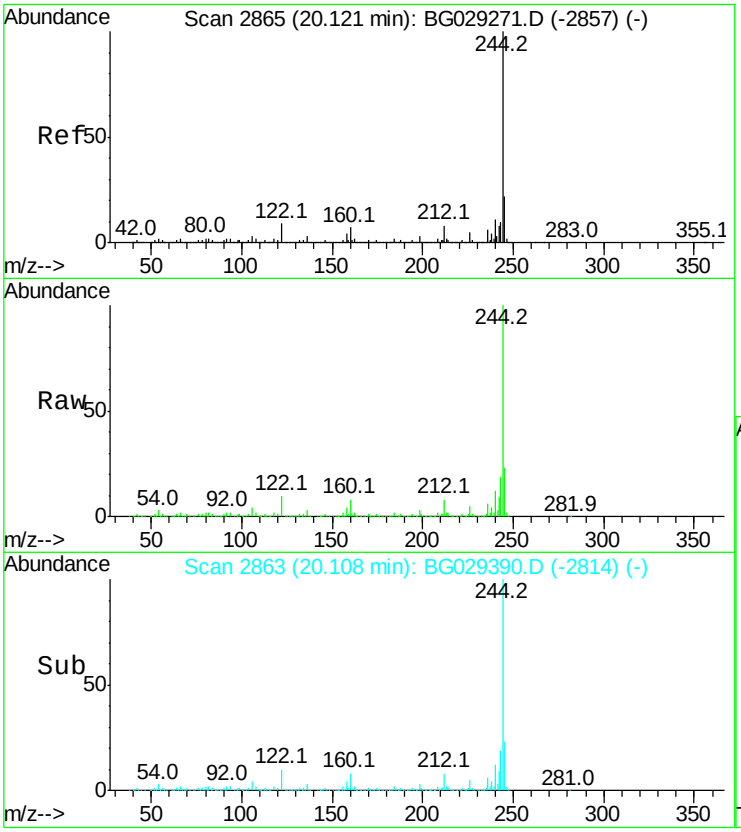


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Tgt Ion:240 Resp: 499489

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.8	10.2
236	27.2	20.9	31.3



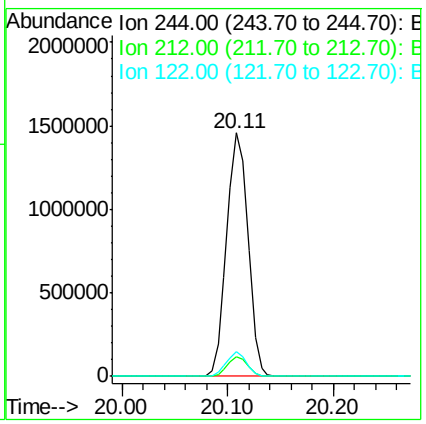


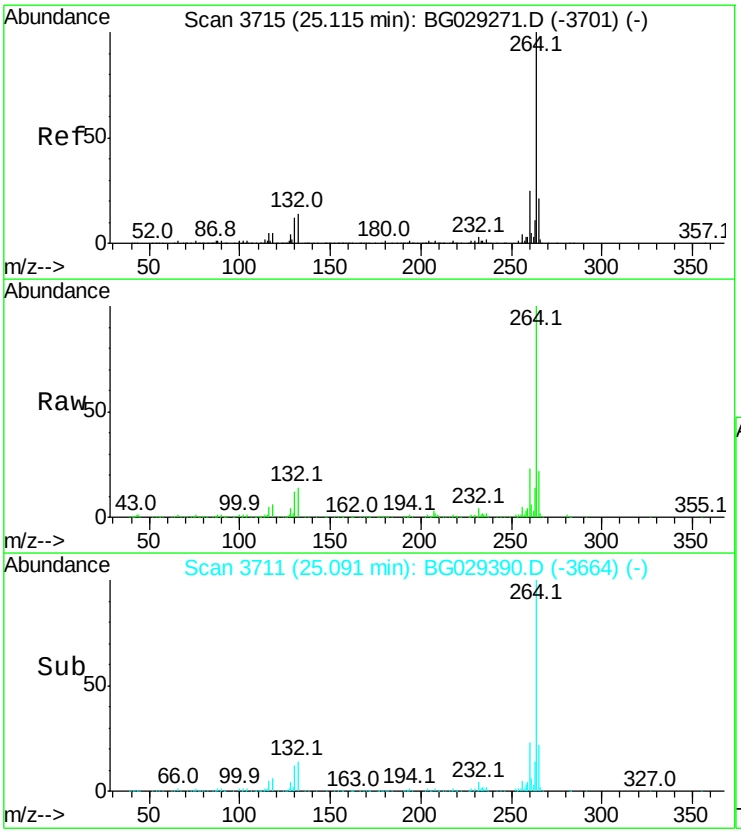
#78
Terphenyl-d14
Concen: 92.745 ng
RT: 20.11 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Instrument :
BNA_G
ClientSampleId :
NB-01-101817-C

Tgt Ion:244 Resp: 2036323

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	10.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG029390.D
Acq: 21 Oct 2017 14:04

Tgt Ion:264 Resp: 509218

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.8	17.7	26.5