Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110117\
Data File : BG030635.D
Acq On : 1 Nov 2017 14:55
Operator : SJ/JU
Sample : I6194-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-01-102717

Quant Time: Nov 01 17:43:17 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	74500	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	338127	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	195607	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	533655	20.00	ng	-0.02
75) Chrysene-d12	21.78	240	546505	20.00	ng	-0.02
86) Perylene-d12	25.10	264	233824	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	660239	148.05	ng	0.00
7) Phenol-d6	7.32	99	733915	117.24	ng	0.00
23) Nitrobenzene-d5	9.32	82	587771	110.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	493835	195.54	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	1567422	117.52	ng	-0.02
78) Terphenyl-d14	20.10	244	2392830	99.61	ng	-0.02
Target Compounds						Qvalue

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

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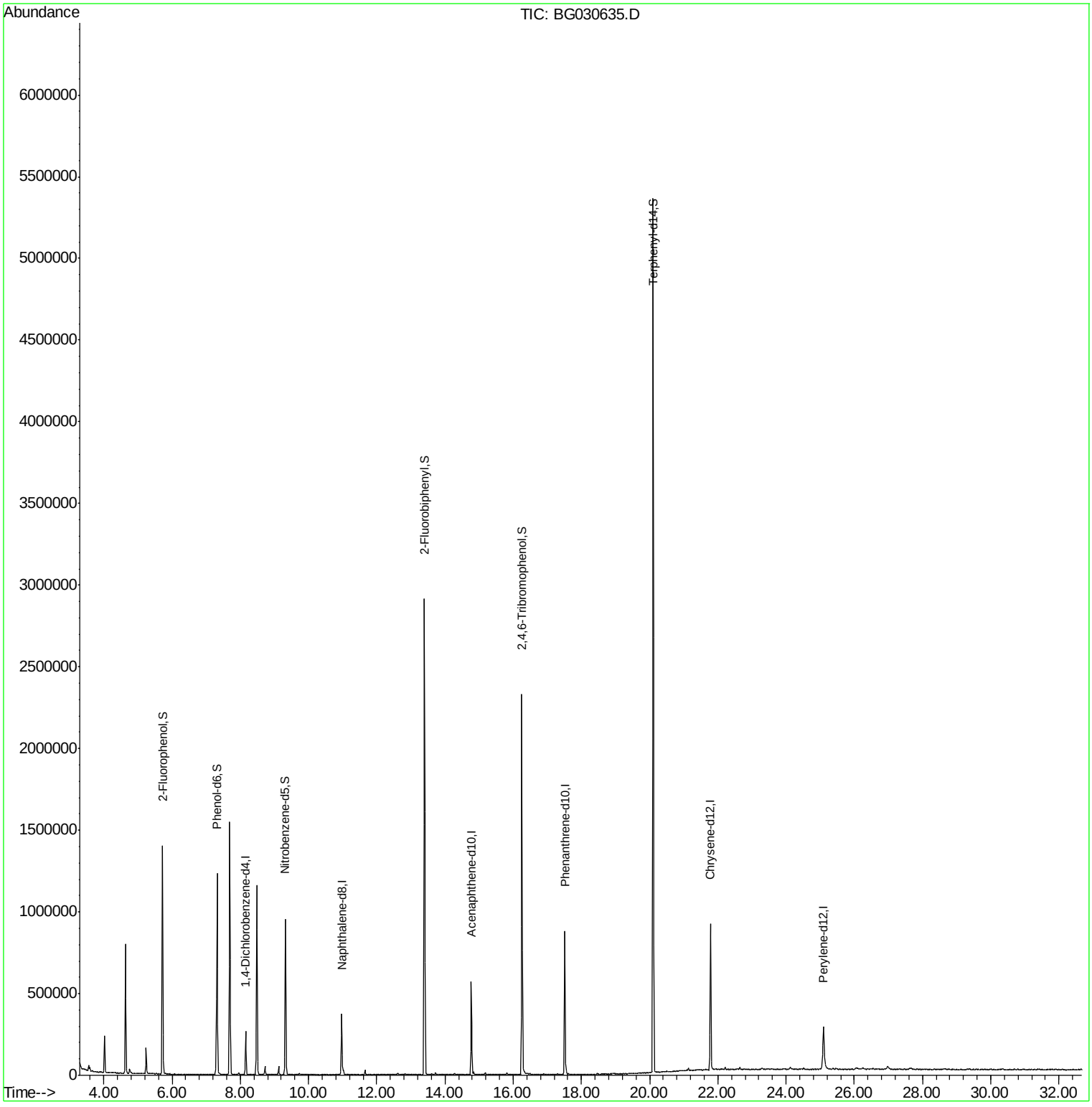
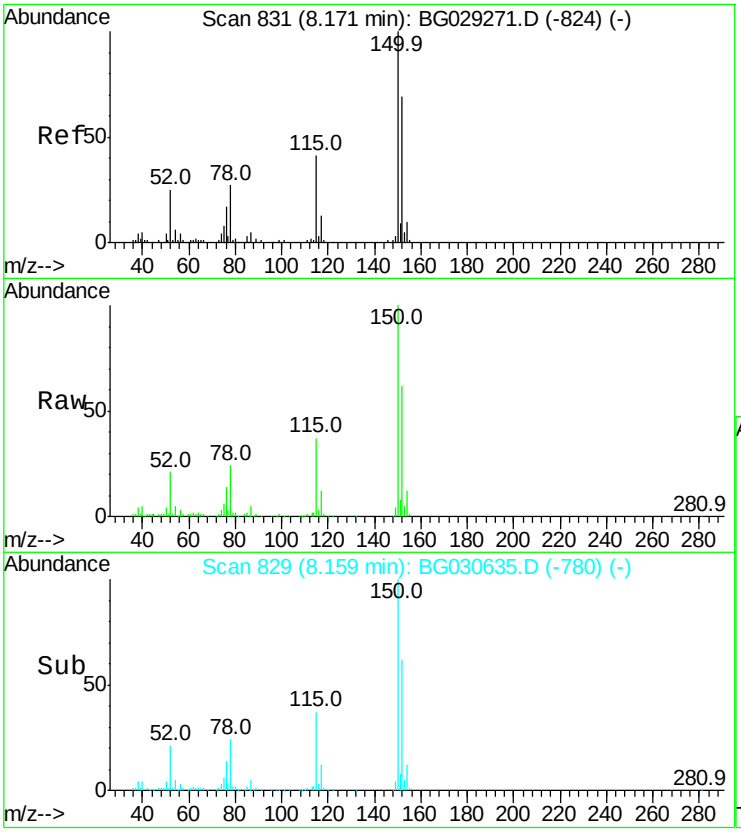


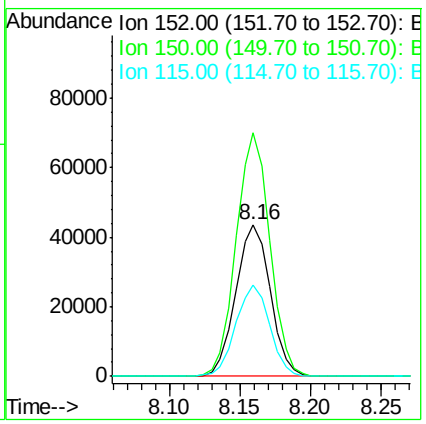


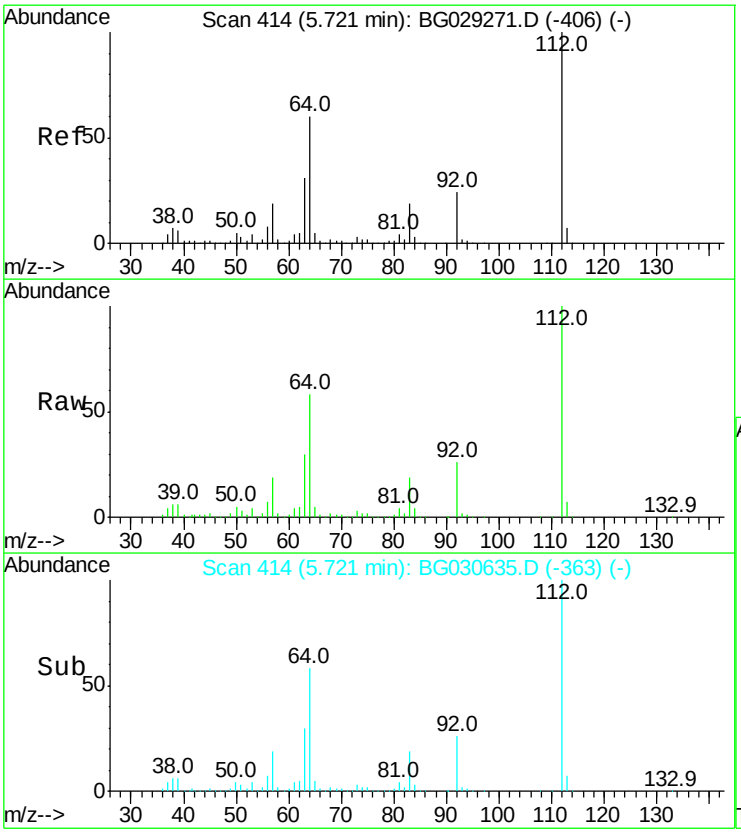
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Instrument :
BNA_G
ClientSampleId :
BU-01-102717

Tgt Ion:152 Resp: 74500

Ion	Ratio	Lower	Upper
152	100		
150	160.7	126.6	189.8
115	60.1	53.0	79.4

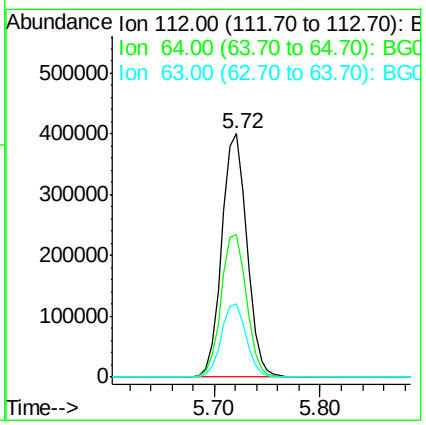


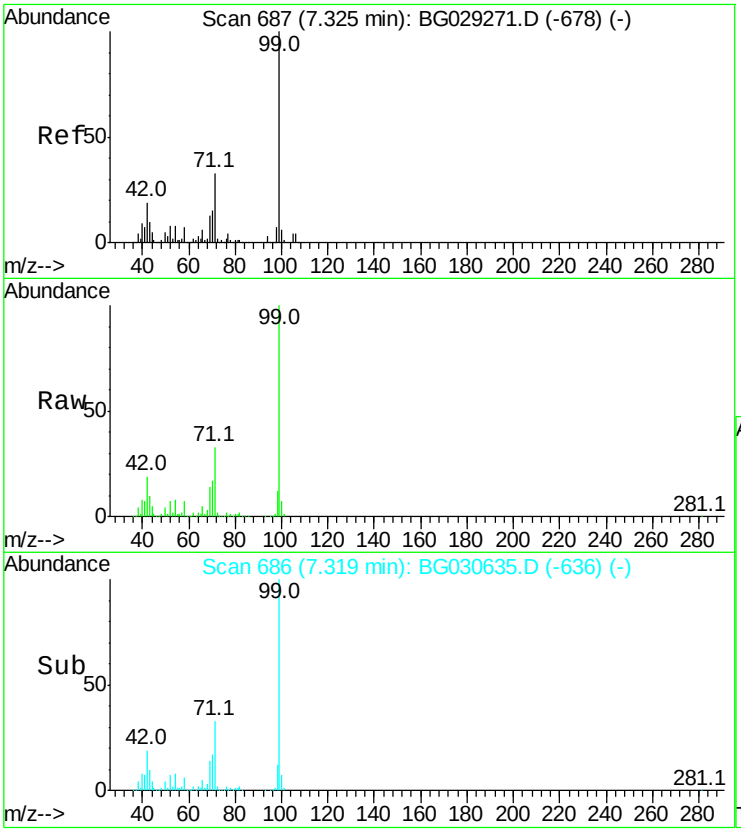


#5
2-Fluorophenol
Concen: 148.049 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Tgt Ion:112 Resp: 660239

Ion	Ratio	Lower	Upper
112	100		
64	58.3	56.3	84.5
63	30.1	30.1	45.1



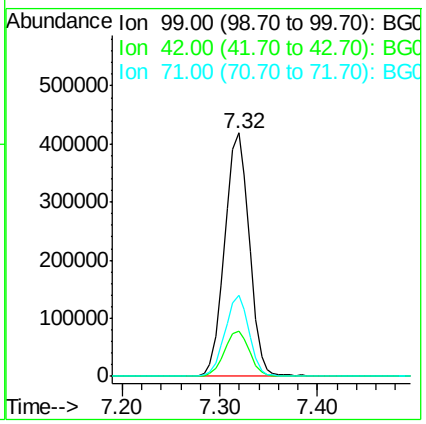


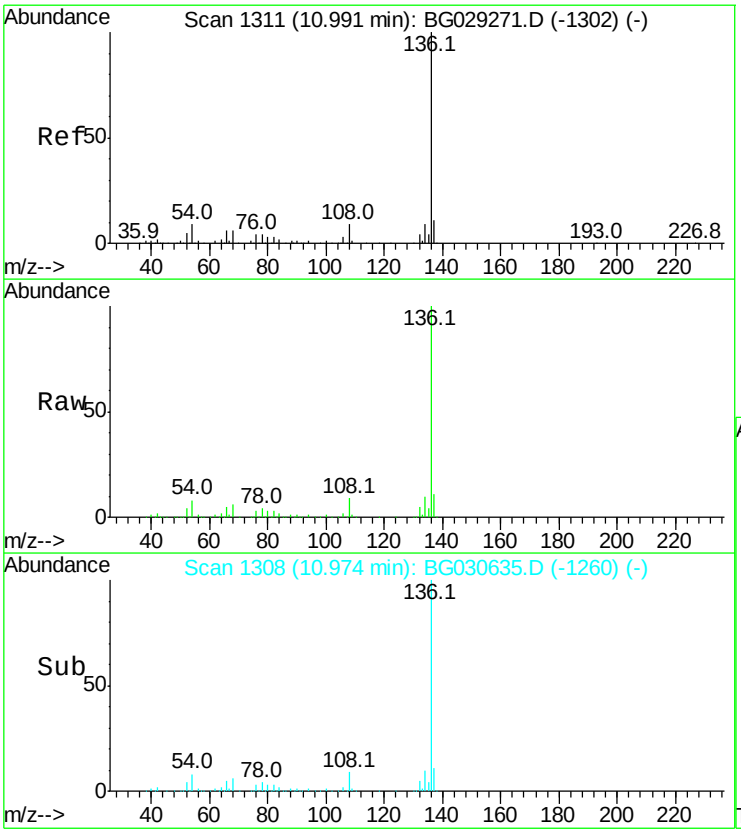
#7
Phenol-d6
Concen: 117.244 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Instrument :
BNA_G
ClientSampleId :
BU-01-102717

Tgt Ion: 99 Resp: 733915

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	33.3	26.1	39.1

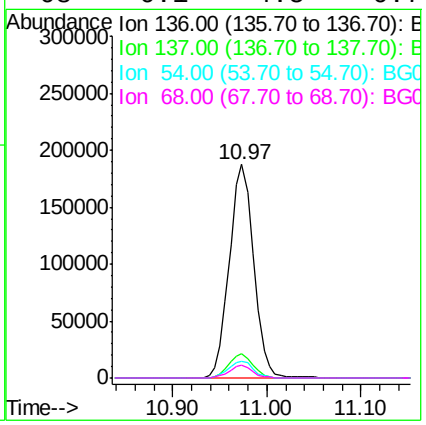


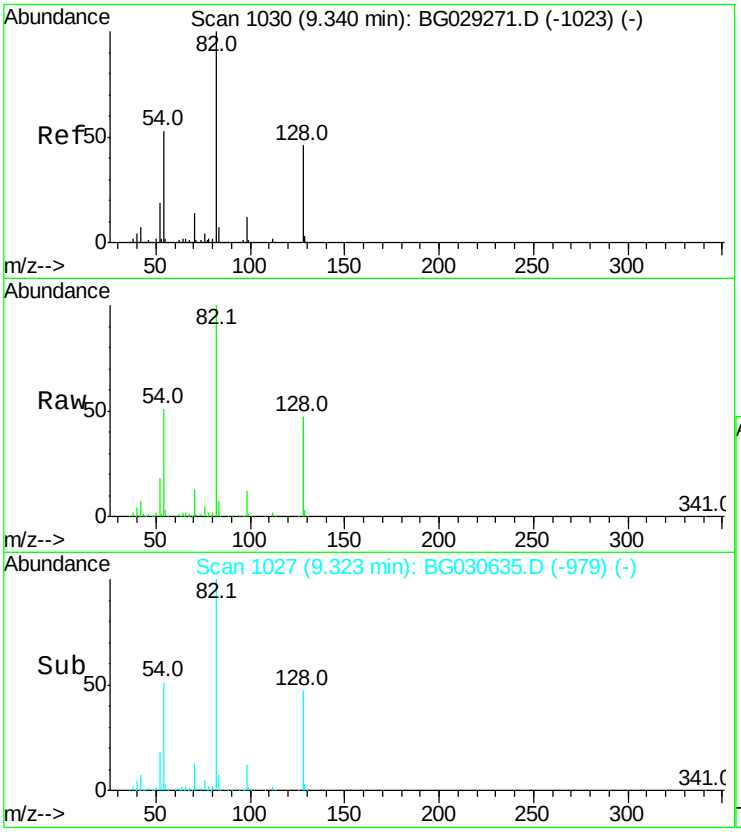


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Tgt Ion:136 Resp: 338127

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.0	10.3	15.5#
68	6.1	4.5	6.7



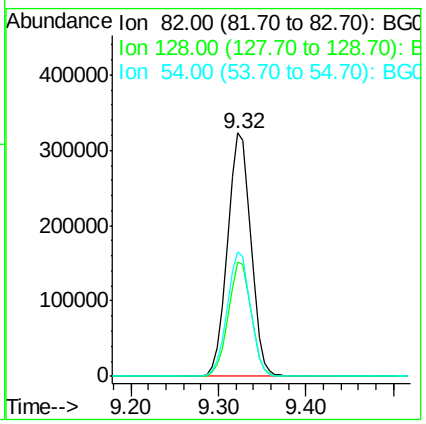


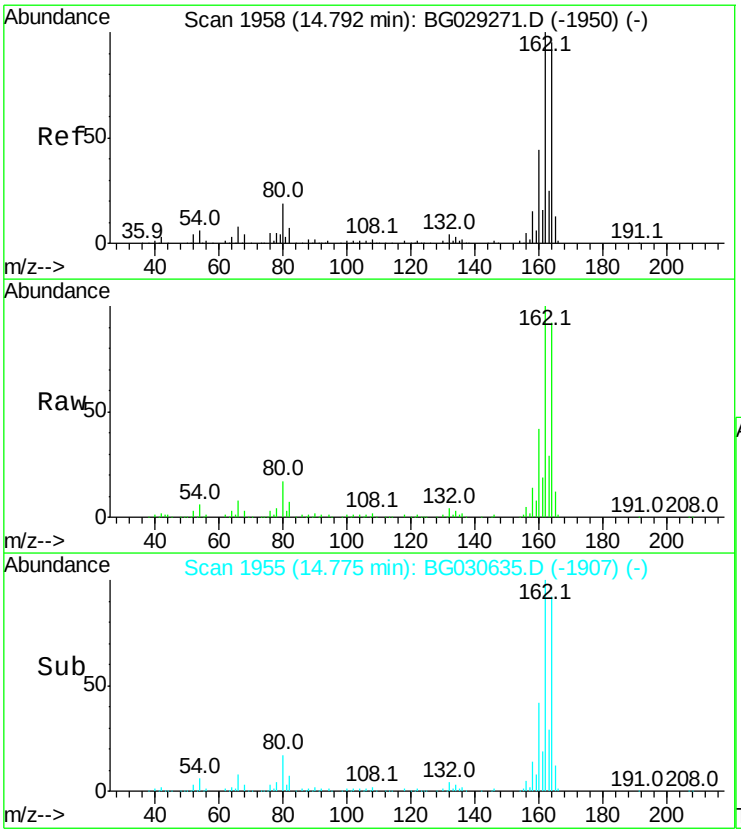
#23
Nitrobenzene-d5
Concen: 110.465 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Instrument :
BNA_G
ClientSampleId :
BU-01-102717

Tgt Ion: 82 Resp: 587771

Ion	Ratio	Lower	Upper
82	100		
128	46.8	29.7	44.5#
54	51.3	43.1	64.7

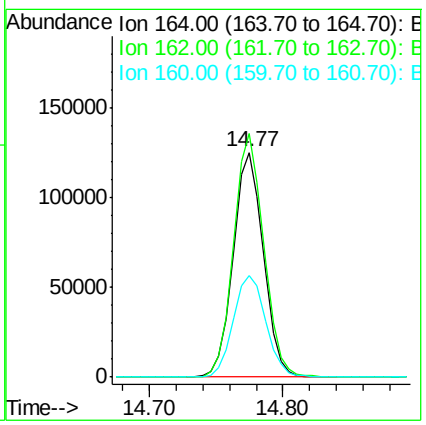


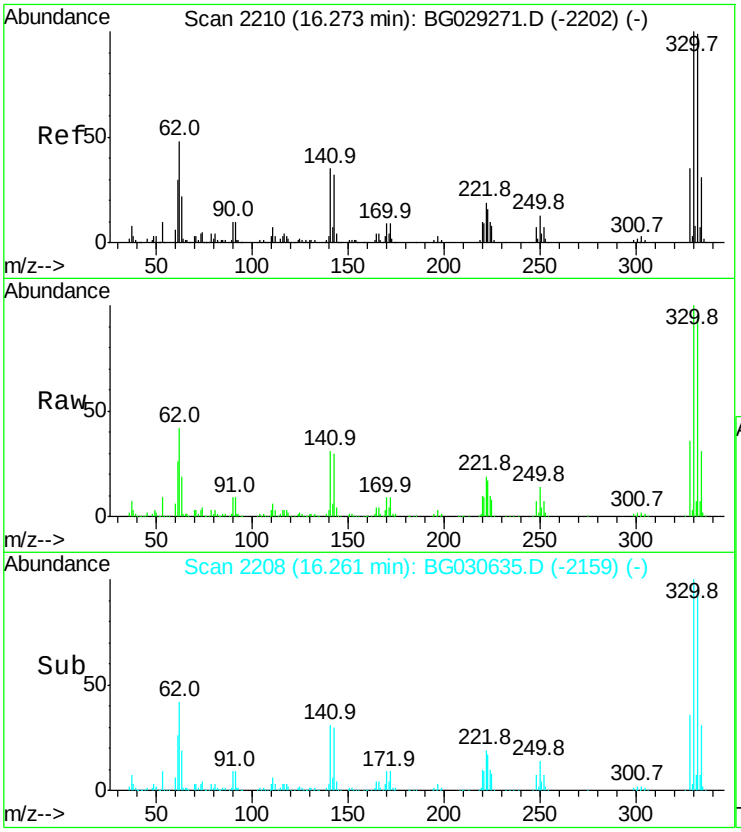


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Tgt Ion:164 Resp: 195607

Ion	Ratio	Lower	Upper
164	100		
162	108.2	78.8	118.2
160	45.3	35.4	53.0



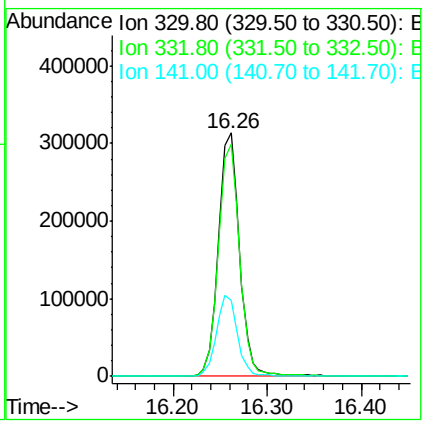


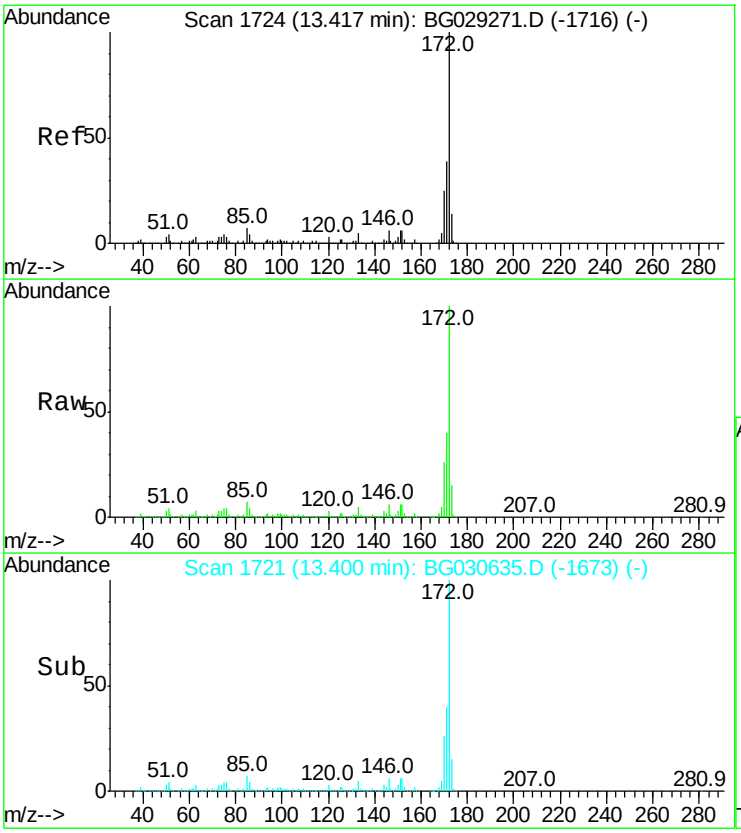
#41
2,4,6-Tribromophenol
Concen: 195.541 ng
RT: 16.26 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Instrument :
BNA_G
ClientSampleId :
BU-01-102717

Tgt Ion:330 Resp: 493835

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	33.2	25.2	37.8

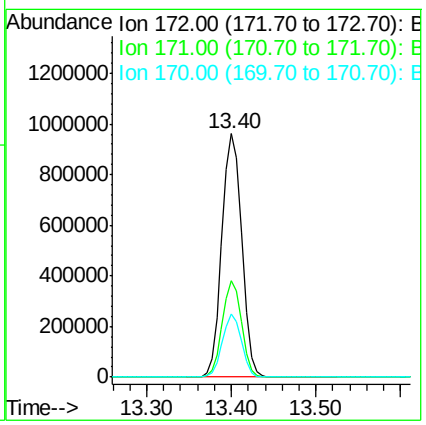


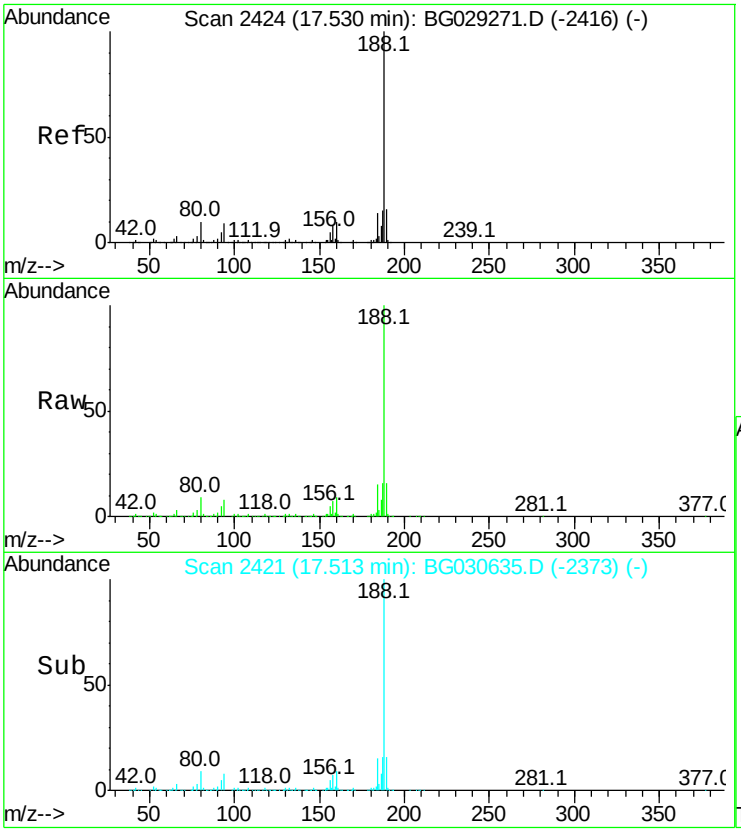


#44
2-Fluorobiphenyl
Concen: 117.525 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Tgt Ion:172 Resp: 1567422

Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	25.9	19.5	29.3



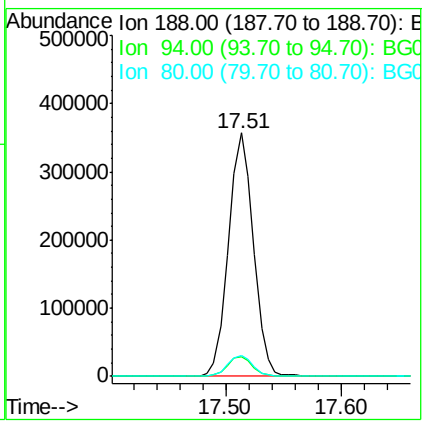


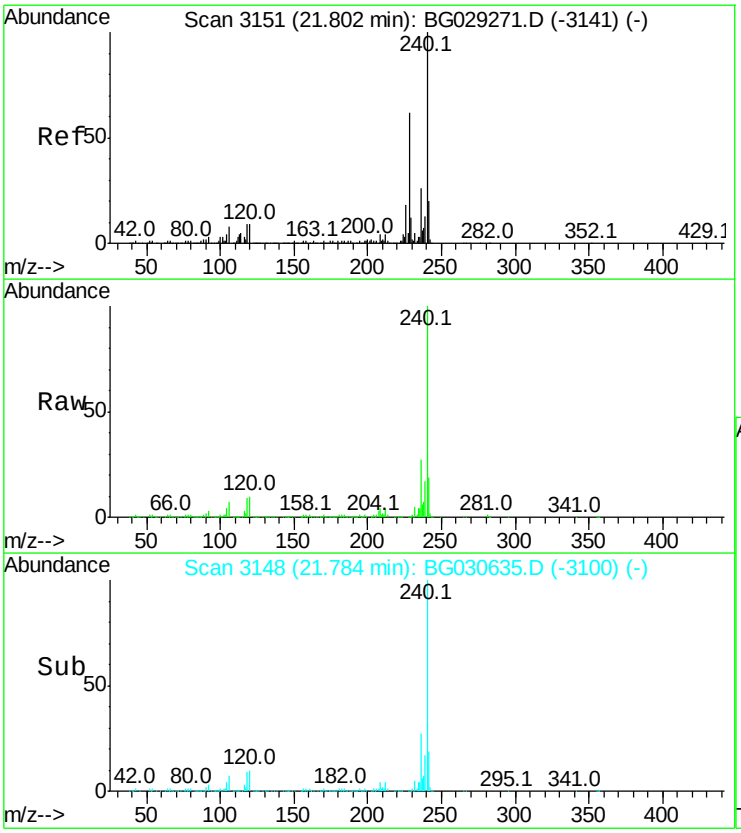
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Instrument :
BNA_G
ClientSampleId :
BU-01-102717

Tgt Ion:188 Resp: 533655

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.9	10.3
80	8.8	7.7	11.5

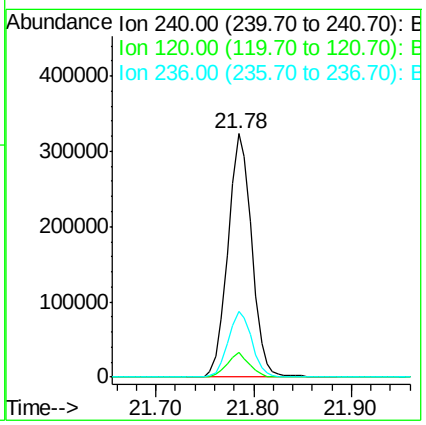


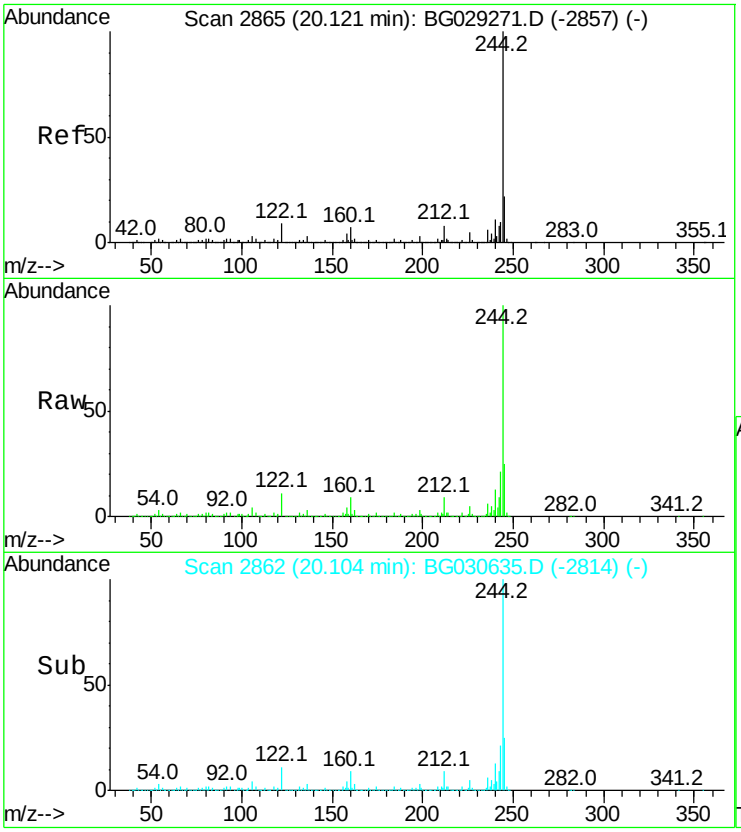


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Tgt Ion:240 Resp: 546505

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.8	10.2
236	27.2	20.9	31.3



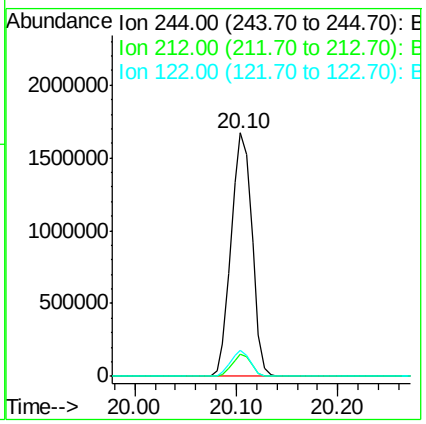


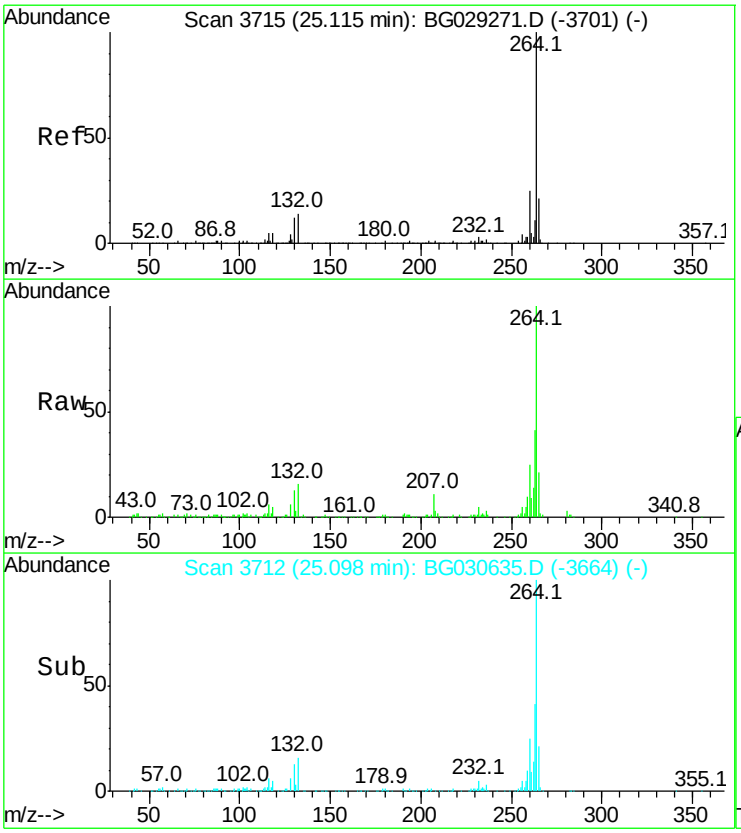
#78
Terphenyl-d14
Concen: 99.606 ng
RT: 20.10 min Scan# 2862
Delta R.T. -0.02 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Instrument :
BNA_G
ClientSampleId :
BU-01-102717

Tgt Ion:244 Resp: 2392830

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	10.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG030635.D
Acq: 1 Nov 2017 14:55

Tgt Ion:264 Resp: 233824

Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	21.0	17.7	26.5