Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
Data File : BG030501.D
Acq On : 27 Oct 2017 17:24
Operator : SJ/JU
Sample : I6112-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-MARION26KV-(2-3)

Quant Time: Oct 27 18:18:29 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	63864	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	297137	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	195173	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	467626	20.00	ng	0.00
75) Chrysene-d12	21.79	240	502097	20.00	ng	0.00
86) Perylene-d12	25.11	264	490368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	493913	129.20	ng	0.00
7) Phenol-d6	7.32	99	601078	112.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	444334	95.03	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	358631	142.32	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1152115	86.58	ng	0.00
78) Terphenyl-d14	20.11	244	1859696	84.26	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.04	128	526050	35.523	ng	98
37) 2-Methylnaphthalene	12.63	142	45152	4.183	ng	94
54) Dibenzofuran	15.18	168	37298	2.097	ng	98

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

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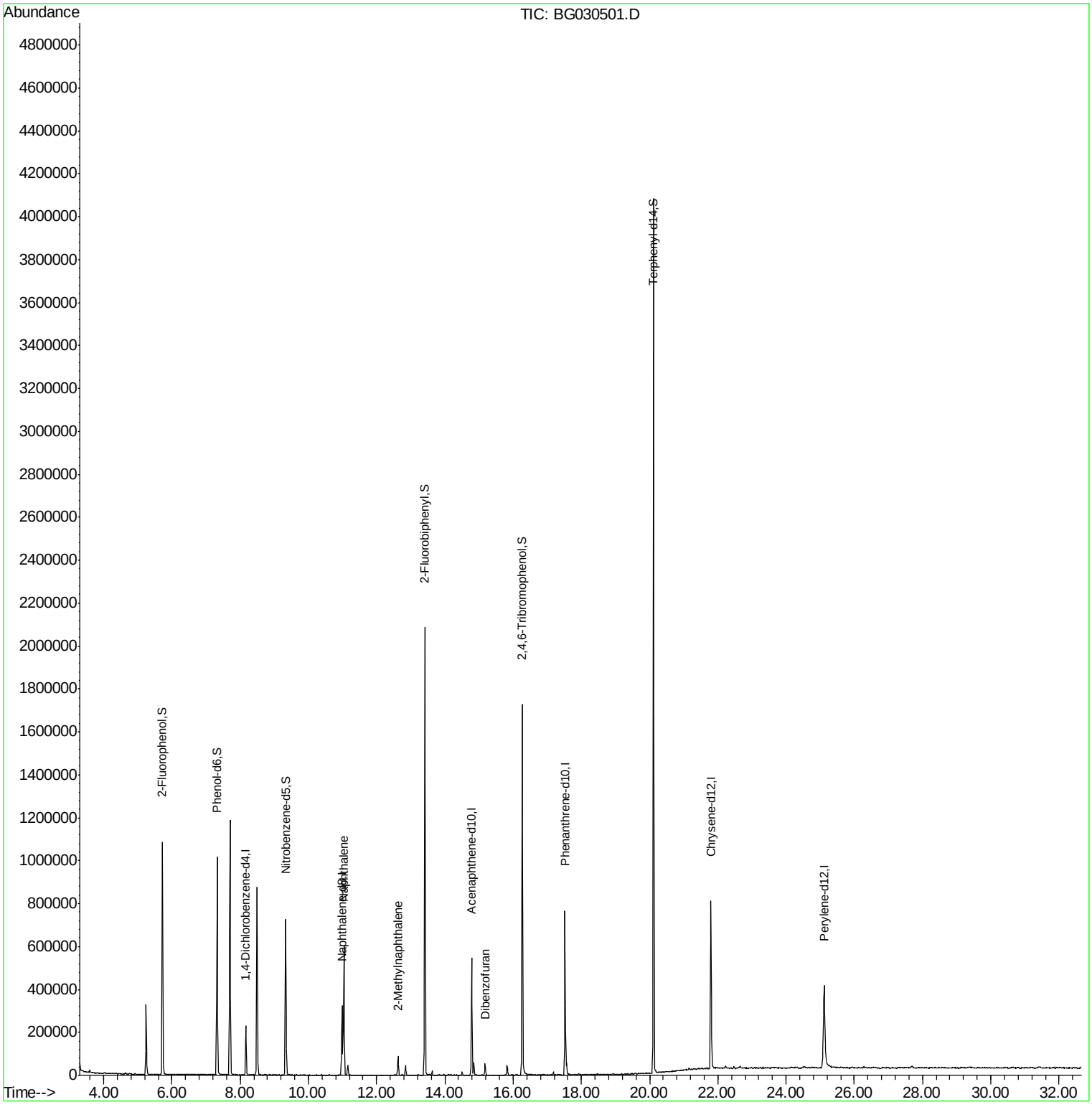
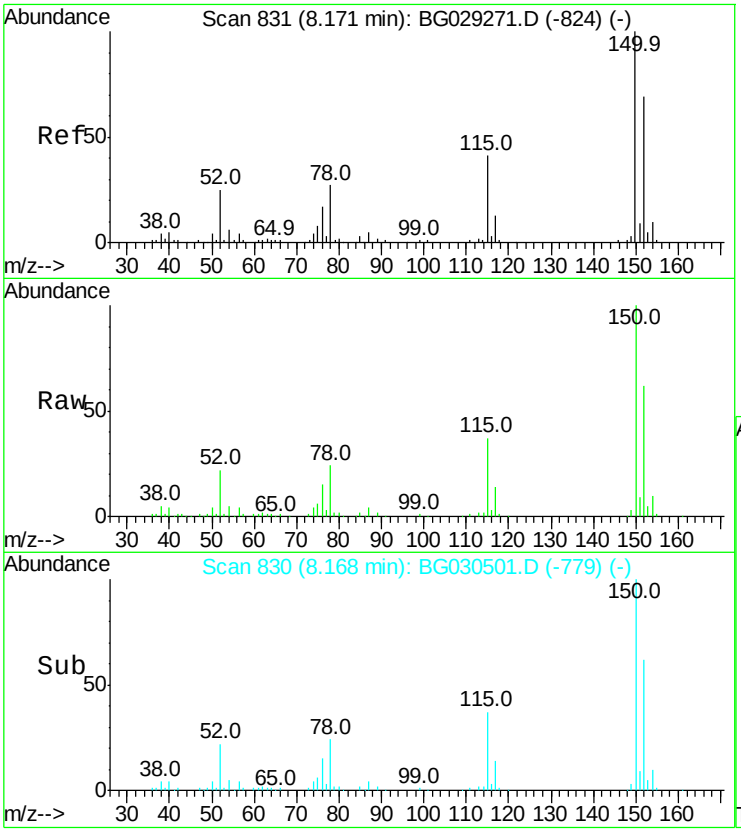


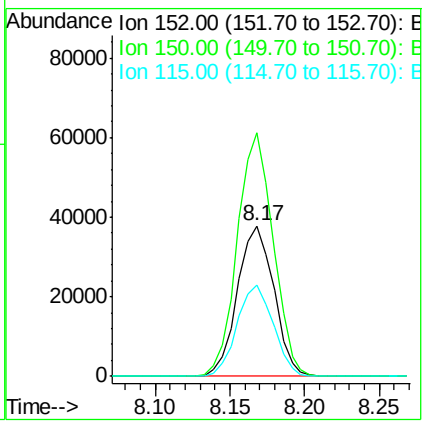


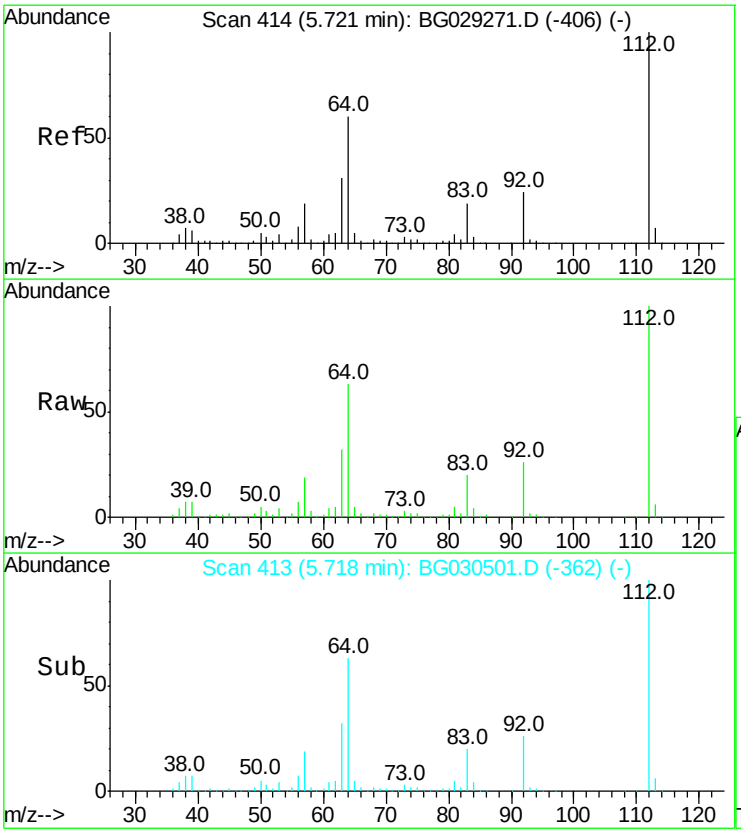
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Instrument :
BNA_G
ClientSampleId :
2-MARION26KV-(2-3)

Tgt Ion:152 Resp: 63864

Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.6	189.8
115	60.4	53.0	79.4

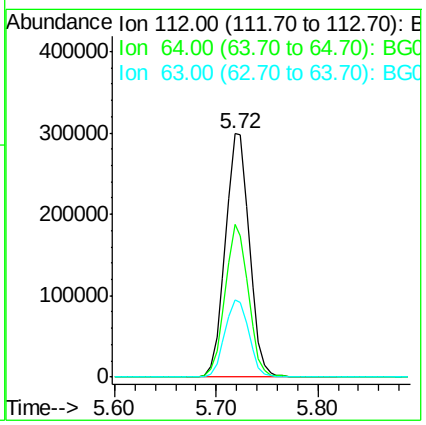


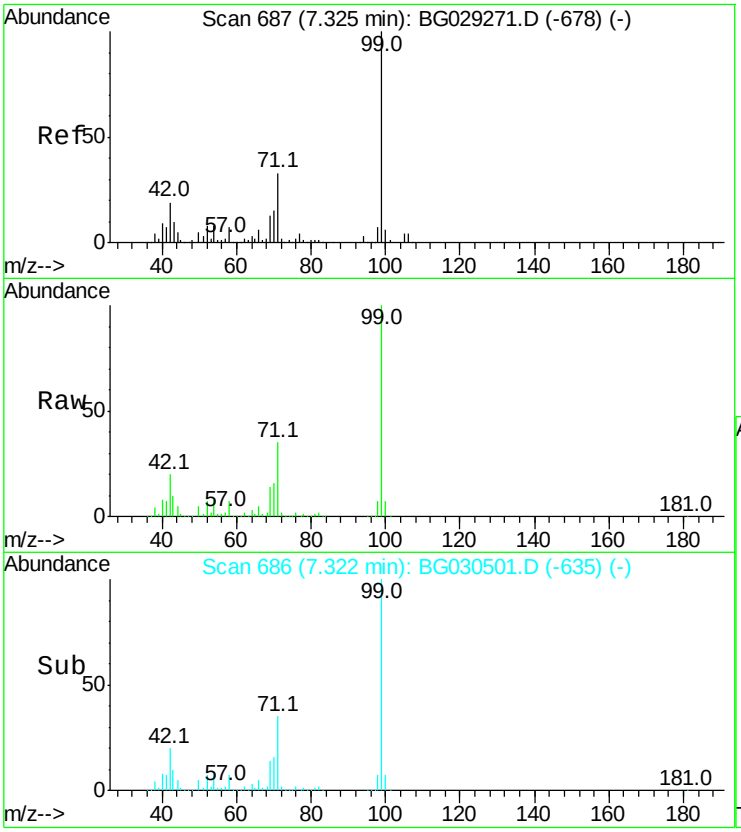


#5
2-Fluorophenol
Concen: 129.198 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Tgt Ion:112 Resp: 493913

Ion	Ratio	Lower	Upper
112	100		
64	62.6	56.3	84.5
63	31.6	30.1	45.1



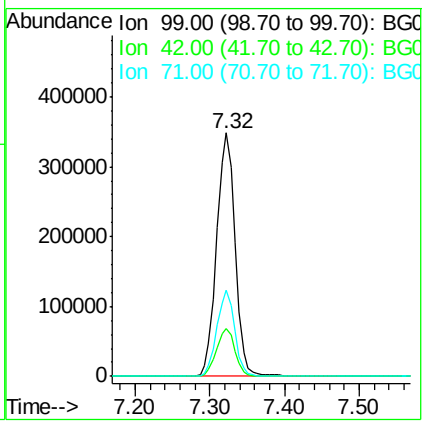


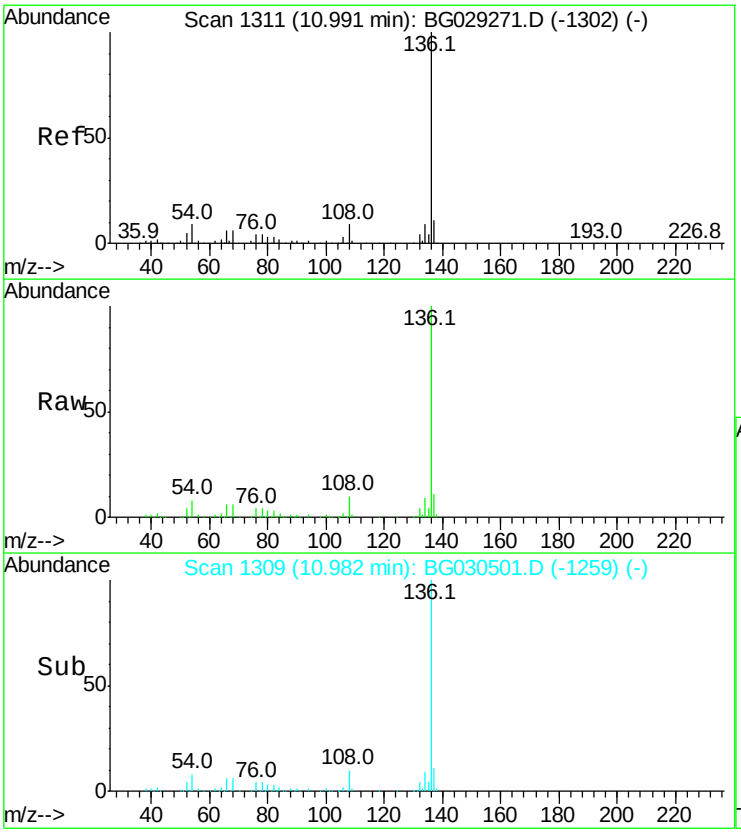
#7
Phenol-d6
Concen: 112.014 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Instrument :
BNA_G
ClientSampleId :
2-MARION26KV-(2-3)

Tgt Ion: 99 Resp: 601078

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.1	21.1
71	35.4	26.1	39.1

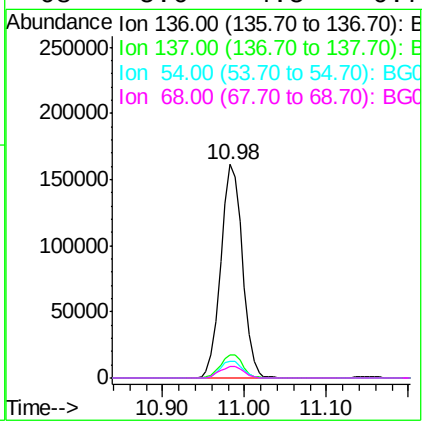


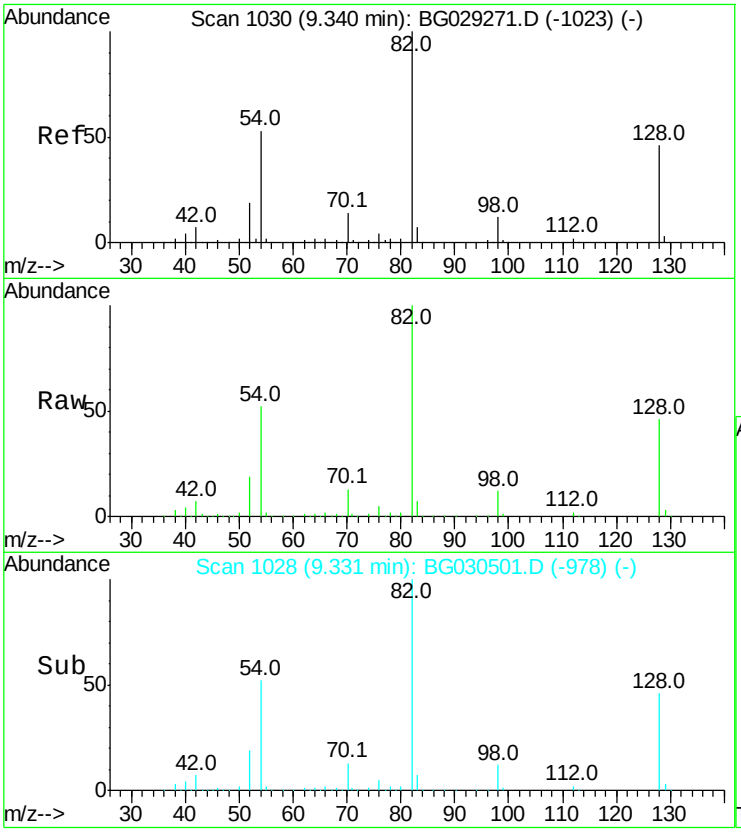


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Tgt Ion:136 Resp: 297137

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.9	10.3	15.5#
68	5.6	4.5	6.7



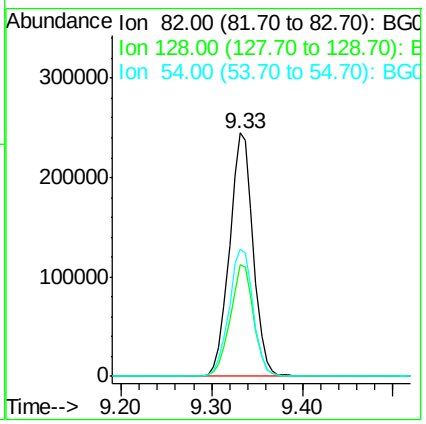


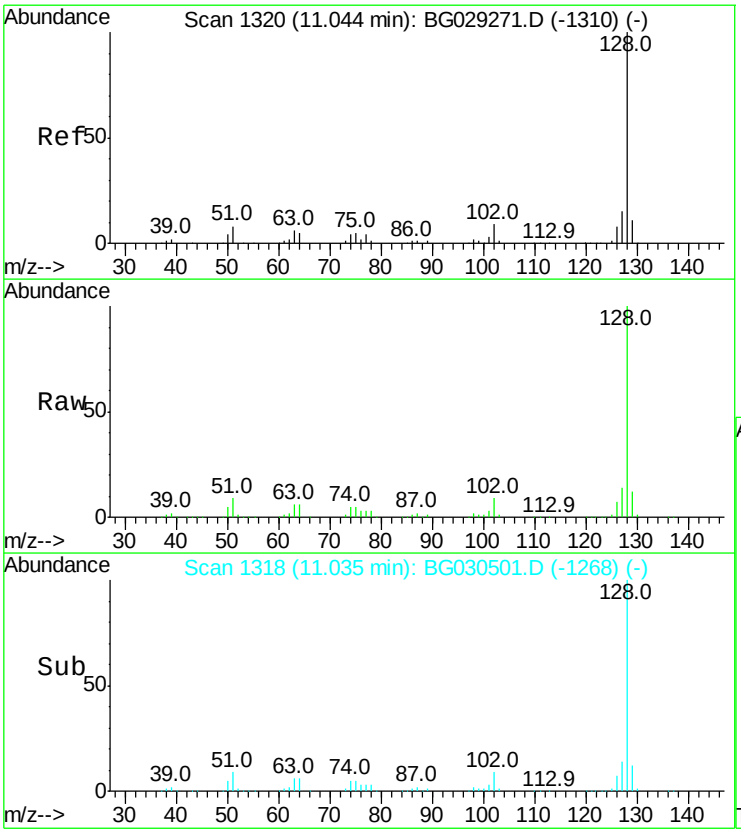
#23
Nitrobenzene-d5
Concen: 95.028 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Instrument :
BNA_G
ClientSampleId :
2-MARION26KV-(2-3)

Tgt Ion: 82 Resp: 444334

Ion	Ratio	Lower	Upper
82	100		
128	46.0	29.7	44.5#
54	52.3	43.1	64.7

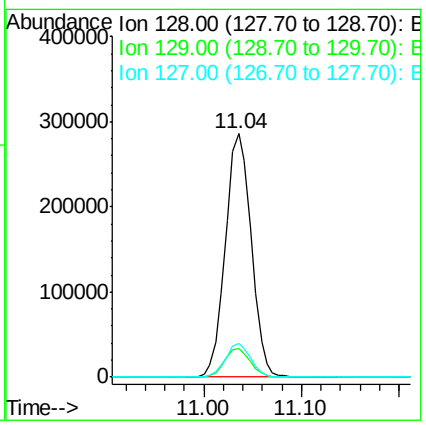


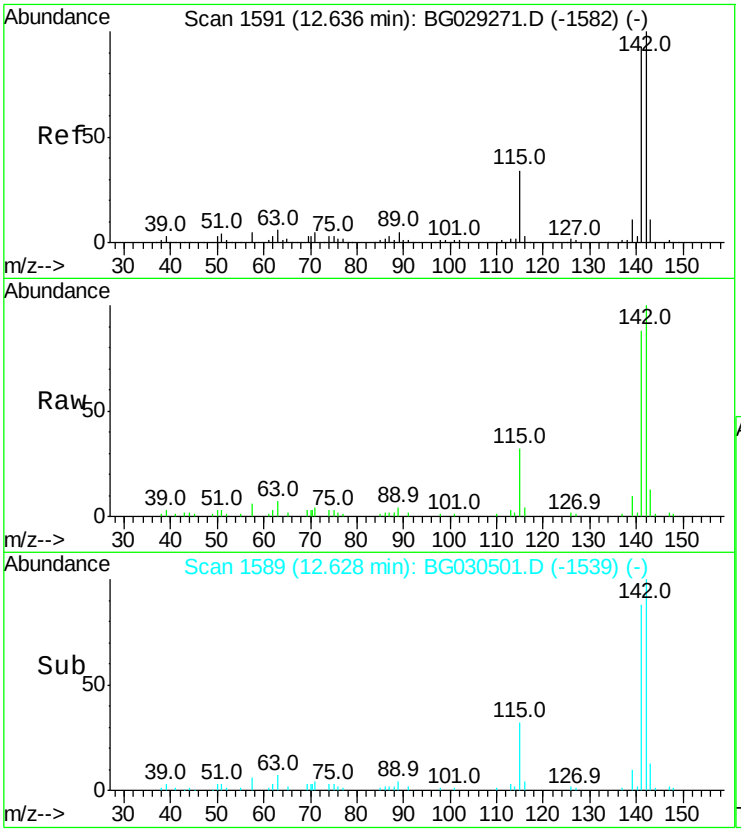


#31
Naphthalene
Concen: 35.523 ng
RT: 11.04 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Tgt Ion:128 Resp: 526050

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.7	11.6	17.4



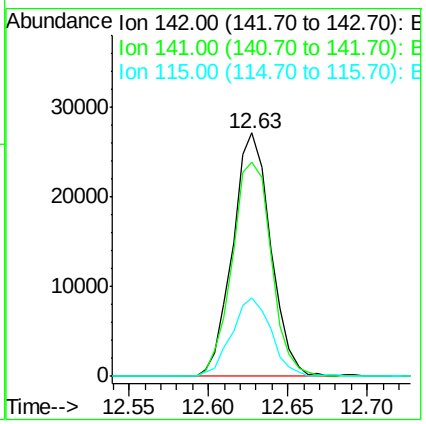


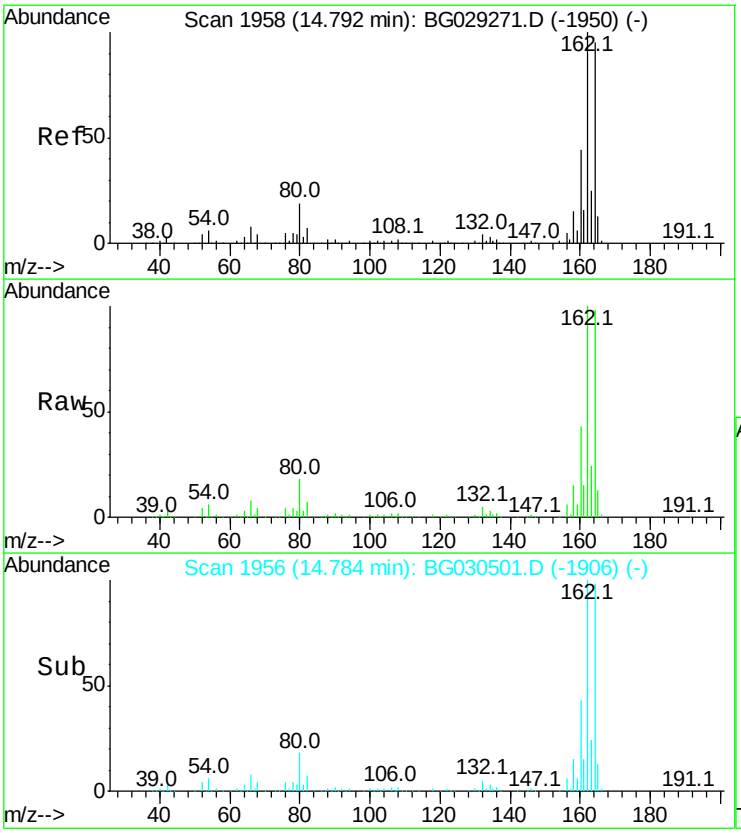
#37
2-Methylnaphthalene
Concen: 4.183 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Instrument :
BNA_G
ClientSampleId :
2-MARION26KV-(2-3)

Tgt Ion:142 Resp: 45152

Ion	Ratio	Lower	Upper
142	100		
141	87.7	67.1	100.7
115	32.3	30.7	46.1

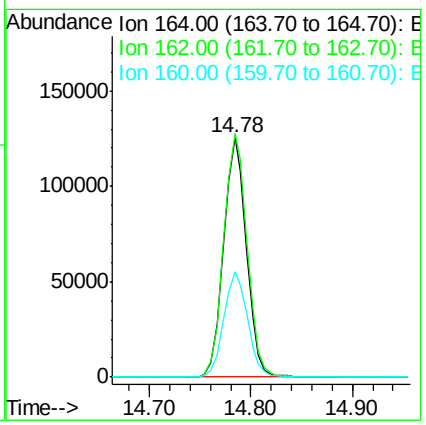


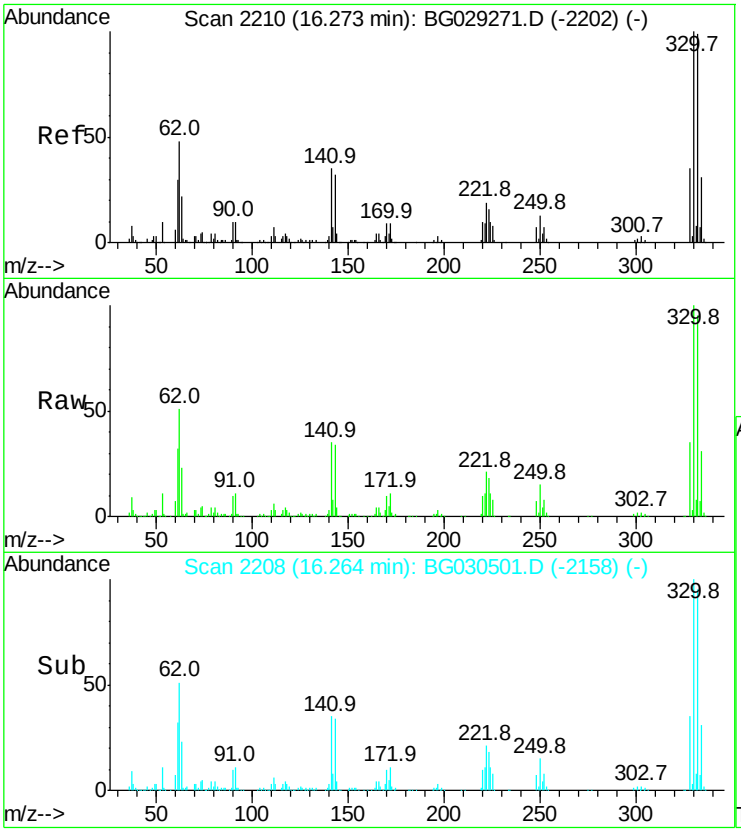


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Tgt Ion:164 Resp: 195173

Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	43.9	35.4	53.0



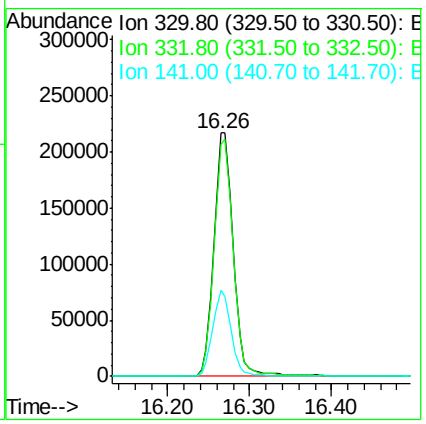


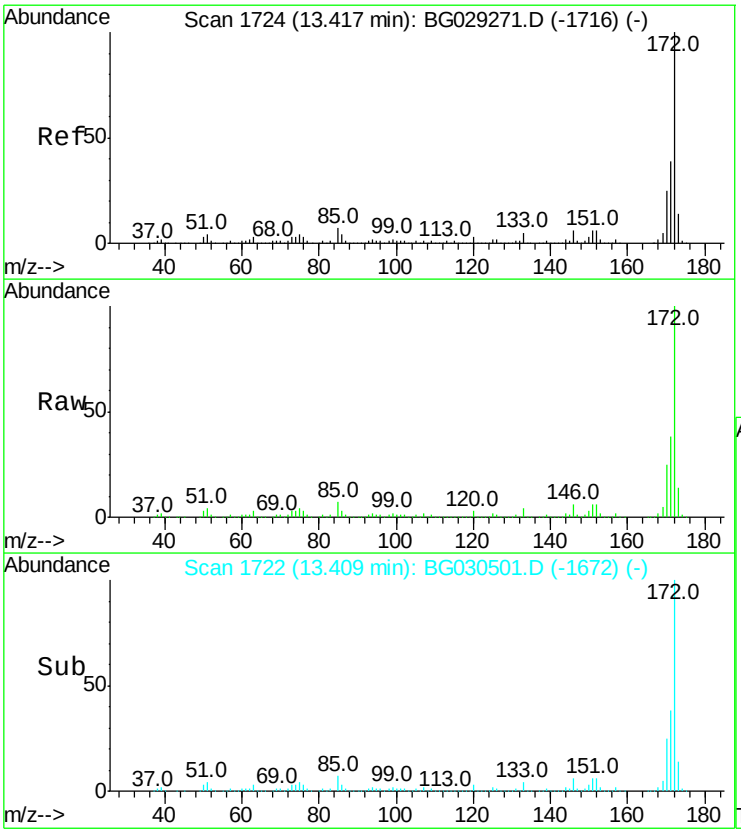
#41
2,4,6-Tribromophenol
Concen: 142.320 ng
RT: 16.26 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Instrument :
BNA_G
ClientSampleId :
2-MARION26KV-(2-3)

Tgt Ion:330 Resp: 358631

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.8	25.2	37.8

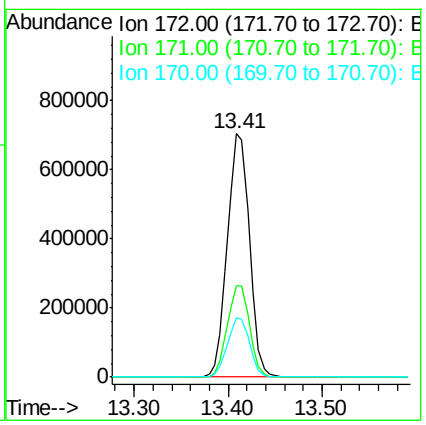


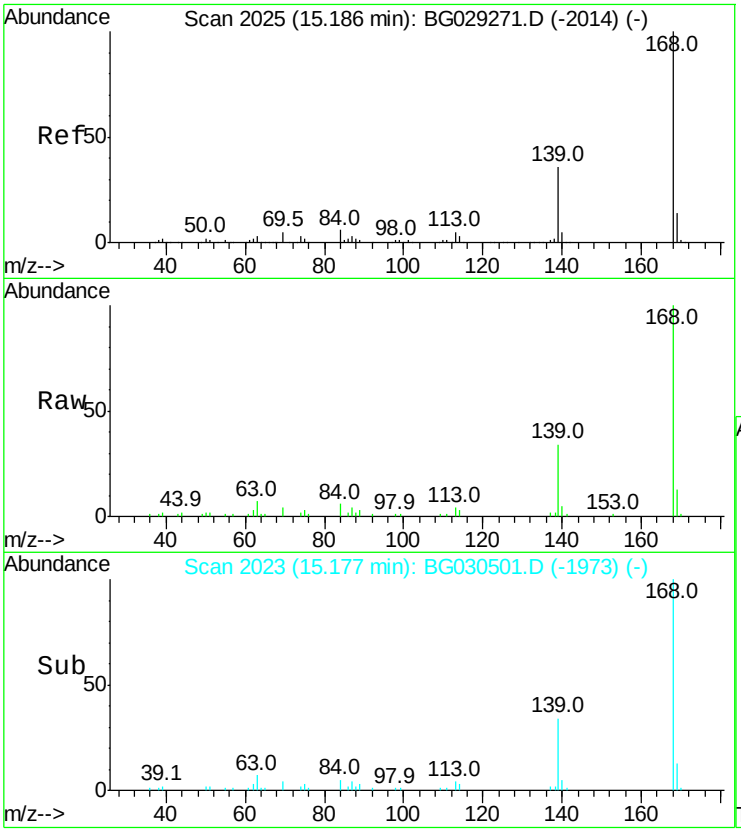


#44
2-Fluorobiphenyl
Concen: 86.577 ng
RT: 13.41 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Tgt Ion:172 Resp: 1152115

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.6	19.5	29.3



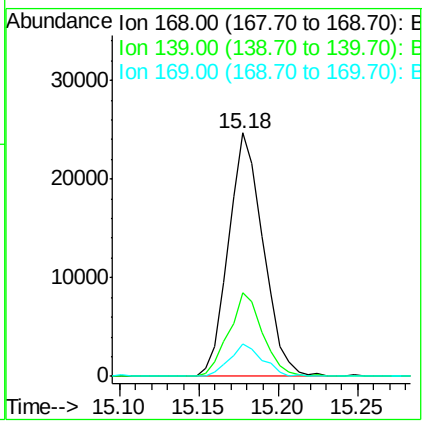


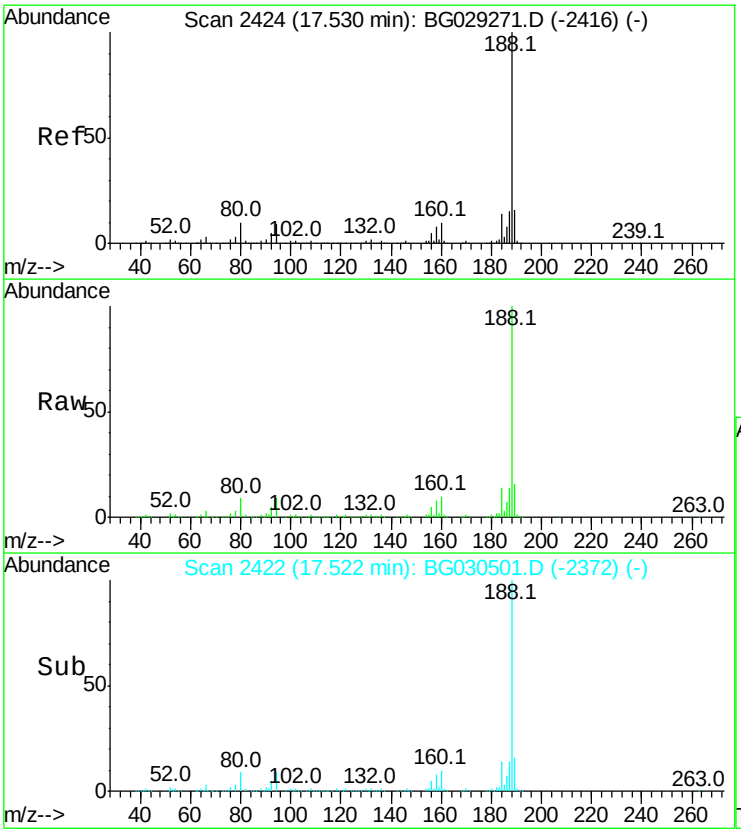
#54
Dibenzofuran
Concen: 2.097 ng
RT: 15.18 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Instrument :
BNA_G
ClientSampleId :
2-MARION26KV-(2-3)

Tgt Ion:168 Resp: 37298

Ion	Ratio	Lower	Upper
168	100		
139	34.3	28.6	43.0
169	13.3	11.2	16.8

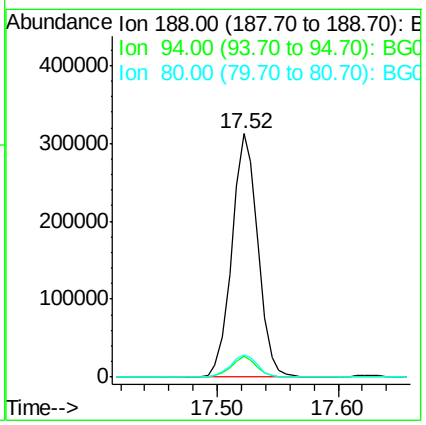


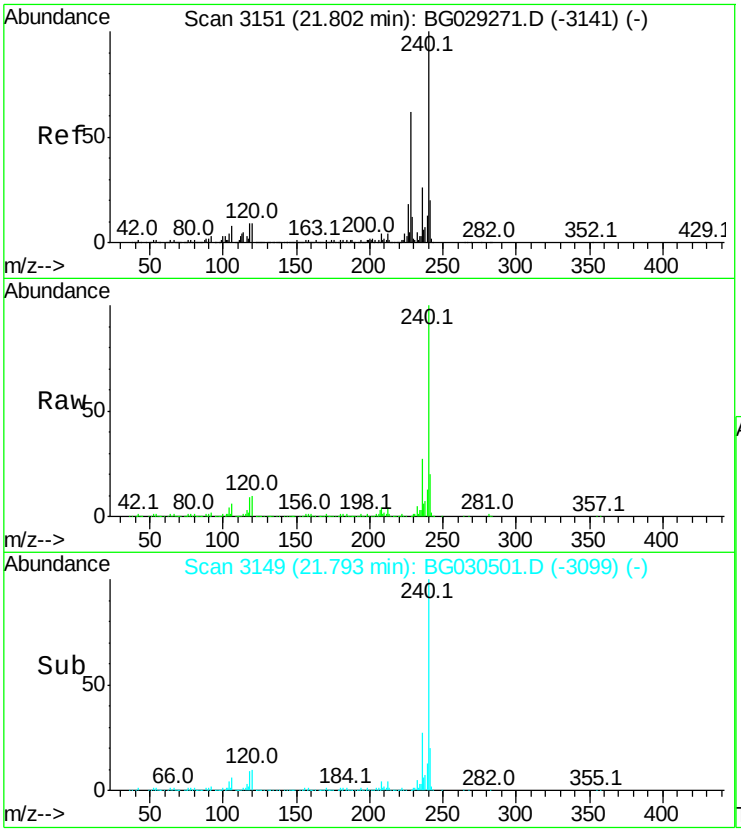


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Tgt Ion:188 Resp: 467626

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.2	7.7	11.5



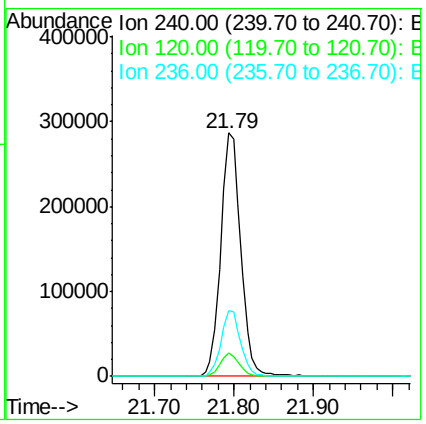


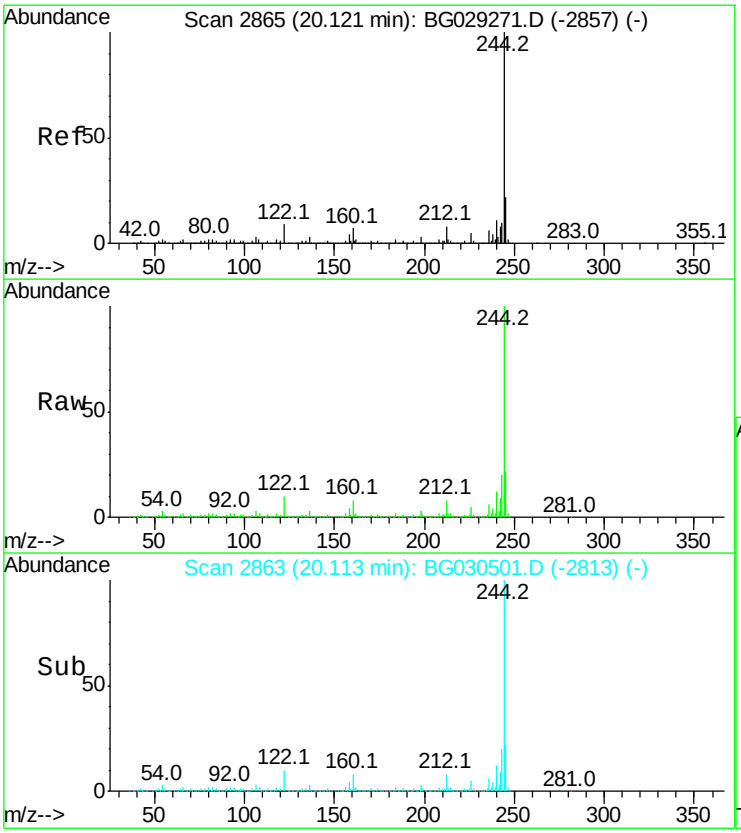
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Instrument :
BNA_G
ClientSampleId :
2-MARION26KV-(2-3)

Tgt Ion:240 Resp: 502097

Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.8	10.2
236	26.9	20.9	31.3

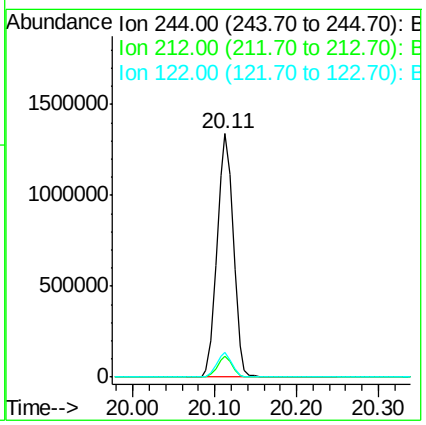


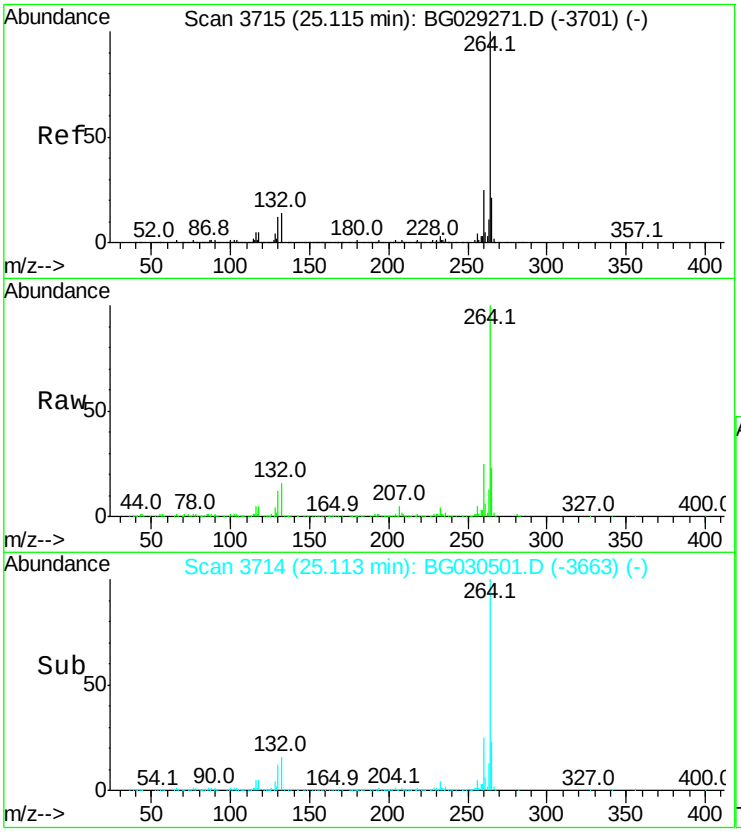


#78
Terphenyl-d14
Concen: 84.260 ng
RT: 20.11 min Scan# 2863
Delta R.T. -0.01 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Tgt Ion:244 Resp: 1859696

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	10.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG030501.D
Acq: 27 Oct 2017 17:24

Instrument :
BNA_G
ClientSampleId :
2-MARION26KV-(2-3)

Tgt Ion:264 Resp: 490368

Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	23.3	17.7	26.5