Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
Data File : BG030511.D
Acq On : 28 Oct 2017 00:02
Operator : SJ/JU
Sample : I6141-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1-B-COMP

Quant Time: Oct 28 02:32:03 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	75021	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	354460	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	234911	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	541511	20.00	ng	0.00
75) Chrysene-d12	21.80	240	575534	20.00	ng	0.00
86) Perylene-d12	25.11	264	561770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	614985	136.94	ng	0.00
7) Phenol-d6	7.32	99	754171	119.64	ng	0.00
23) Nitrobenzene-d5	9.33	82	557269	99.91	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	349042	115.08	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1387716	86.64	ng	0.00
78) Terphenyl-d14	20.12	244	2179744	86.16	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.04	128	306615	17.357	ng	99
37) 2-Methylnaphthalene	12.63	142	42171	3.275	ng	88
51) Acenaphthene	14.85	154	32104	2.141	ng	98
54) Dibenzofuran	15.18	168	47947	2.240	ng	97
70) Phenanthrene	17.57	178	63111	2.256	ng	98

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

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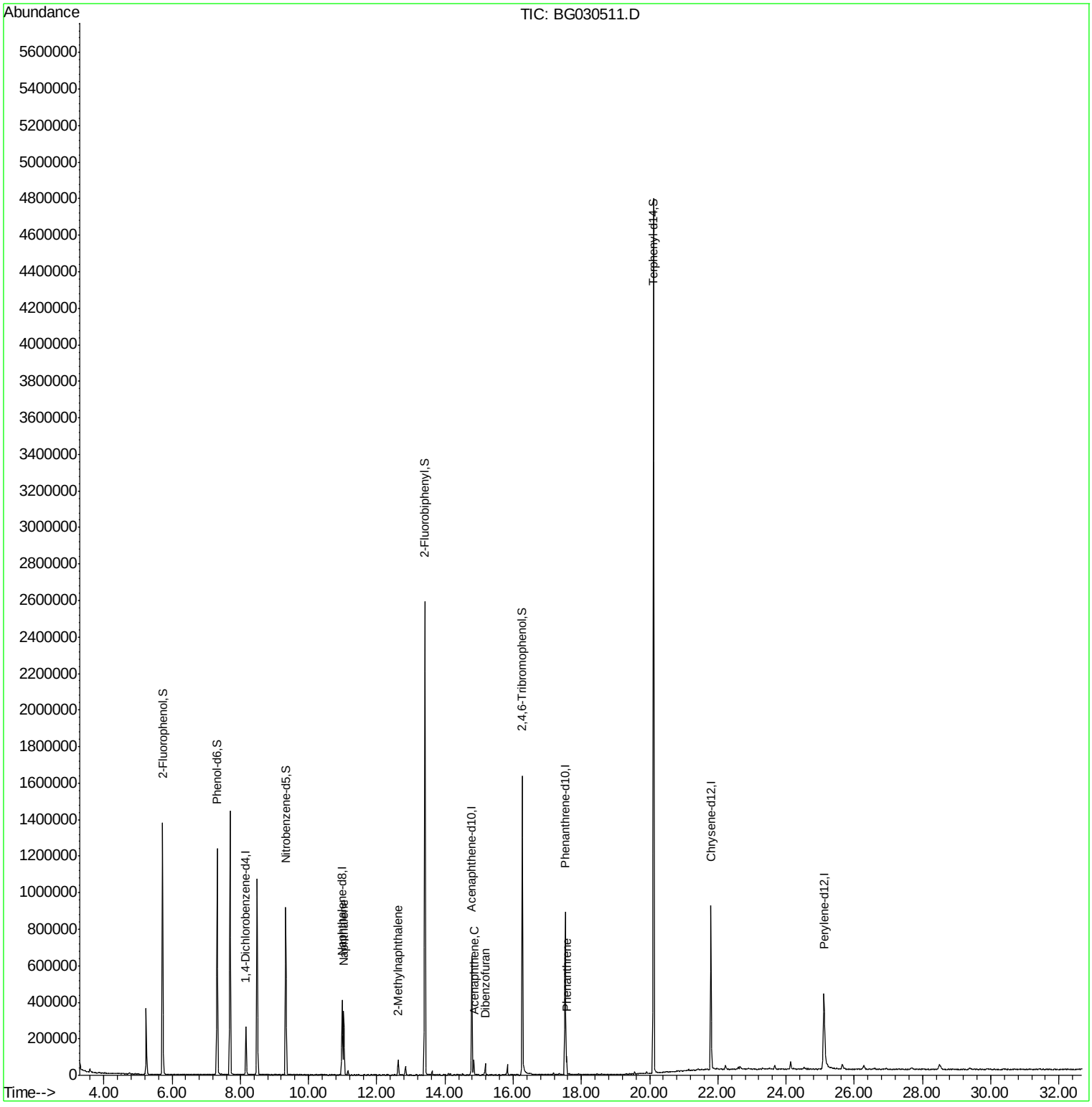
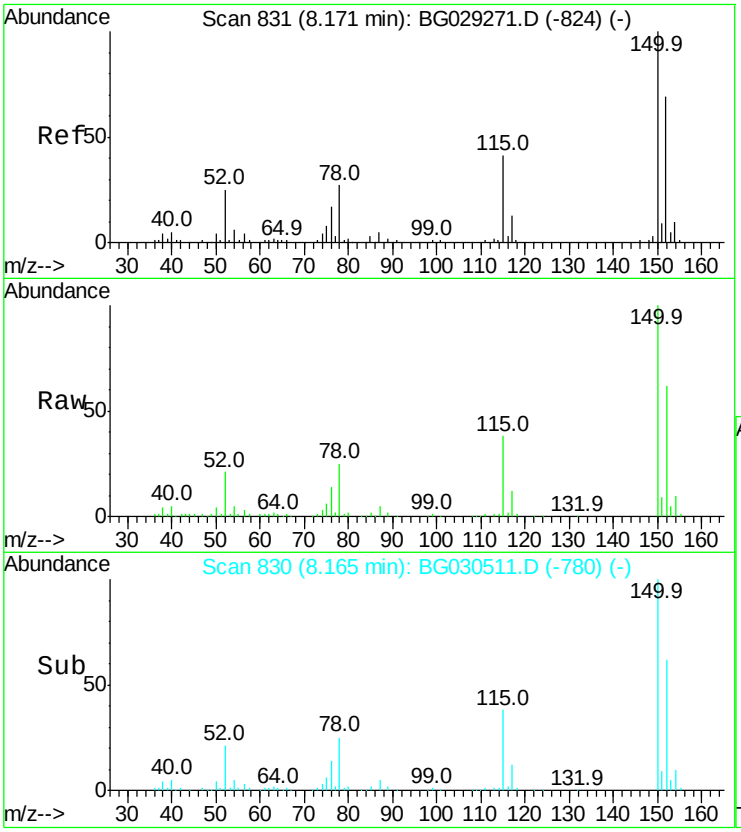


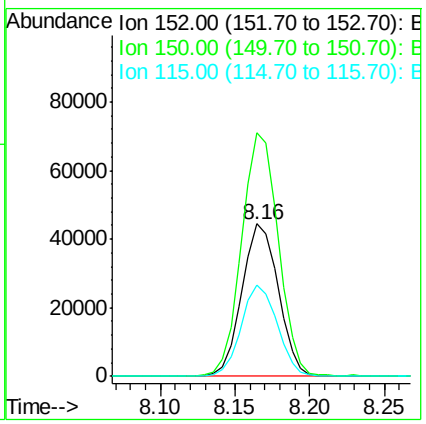


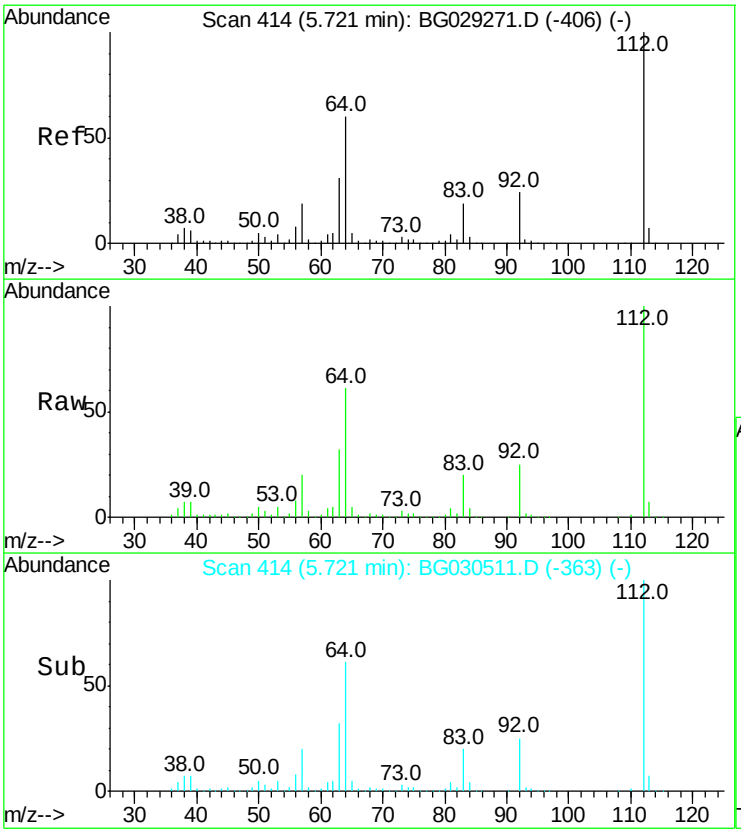
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :
SP-1-B-COMP

Tgt Ion:152 Resp: 75021

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.6	189.8
115	60.4	53.0	79.4

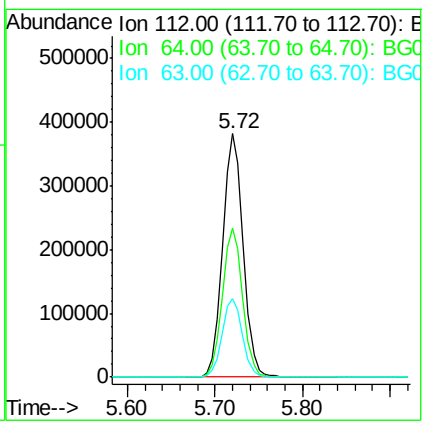


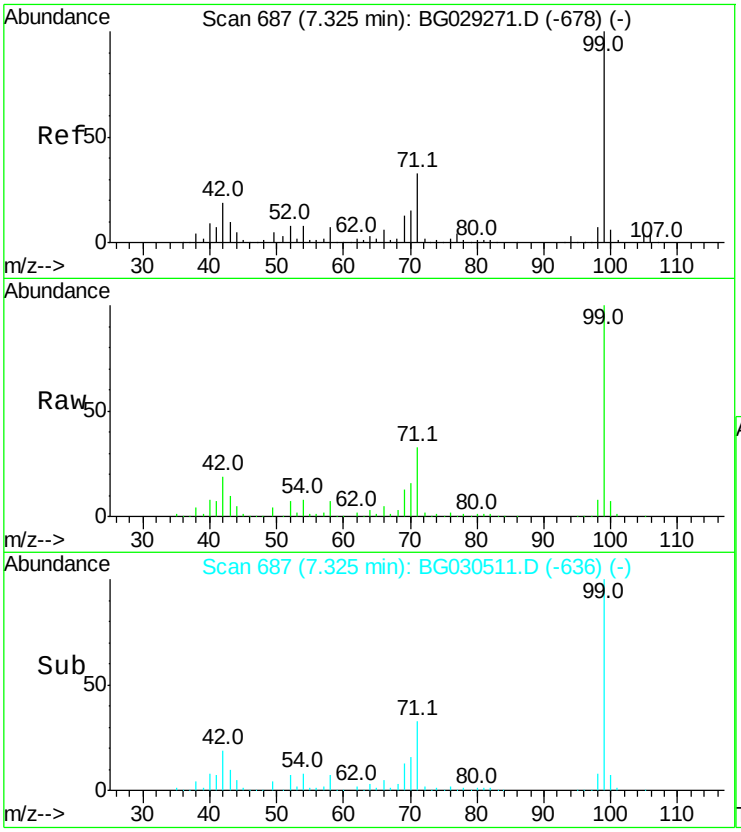


#5
2-Fluorophenol
Concen: 136.944 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Tgt Ion:112 Resp: 614985

Ion	Ratio	Lower	Upper
112	100		
64	61.0	56.3	84.5
63	32.3	30.1	45.1



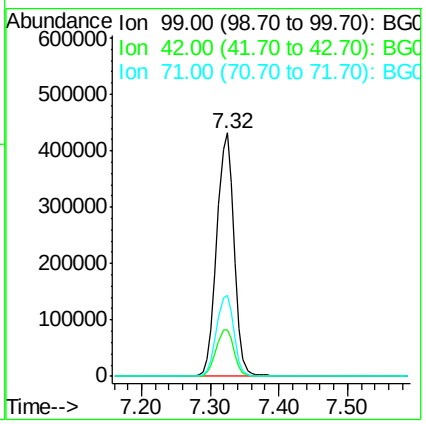


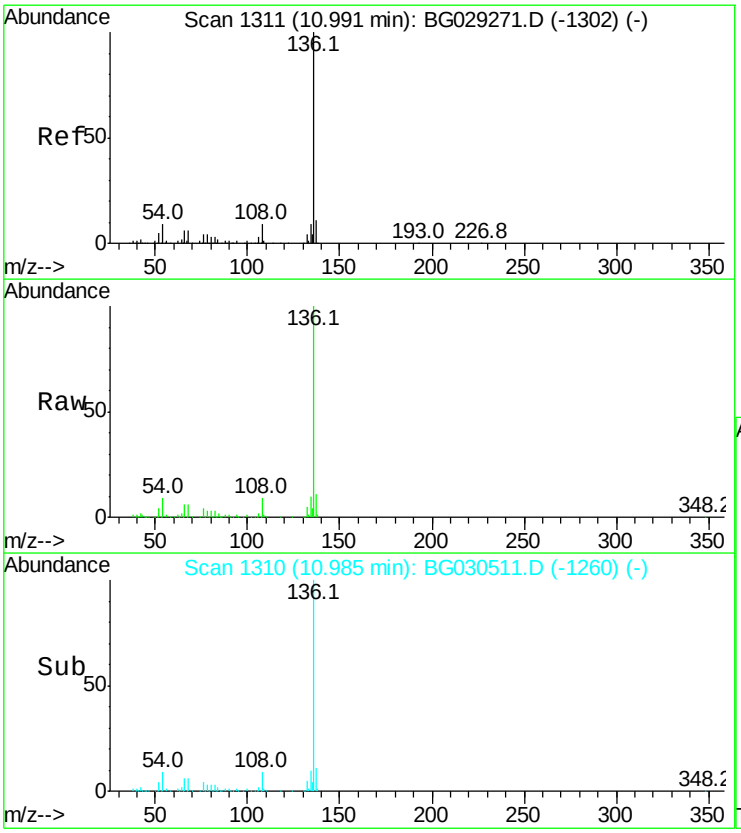
#7
Phenol-d6
Concen: 119.643 ng
RT: 7.32 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :
SP-1-B-COMP

Tgt Ion: 99 Resp: 754171

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.1	21.1
71	33.3	26.1	39.1

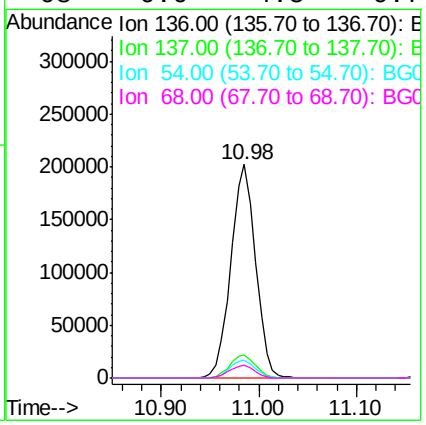


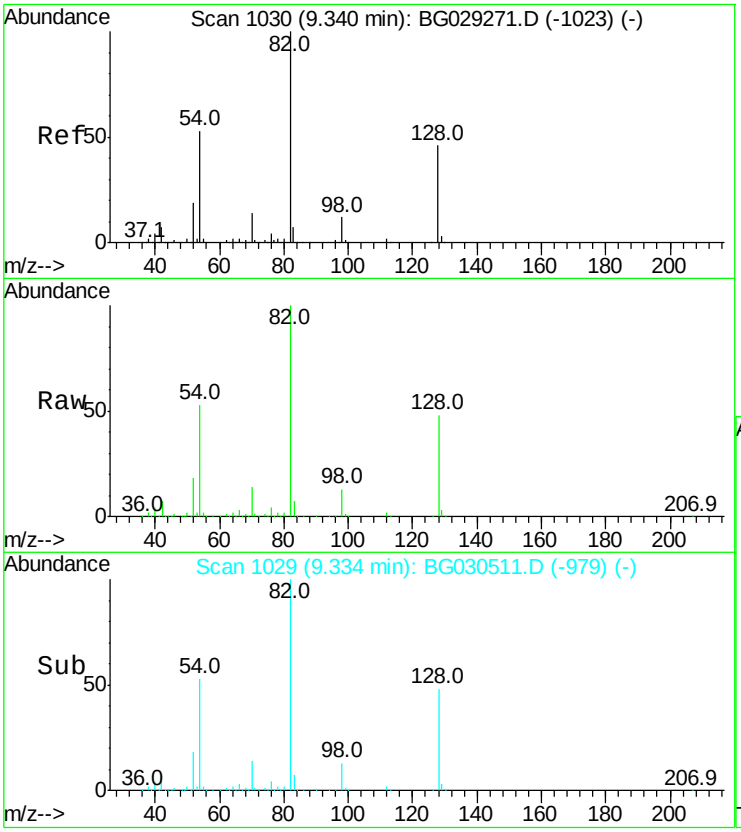


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Tgt Ion:136 Resp: 354460

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	8.6	10.3	15.5#
68	6.0	4.5	6.7



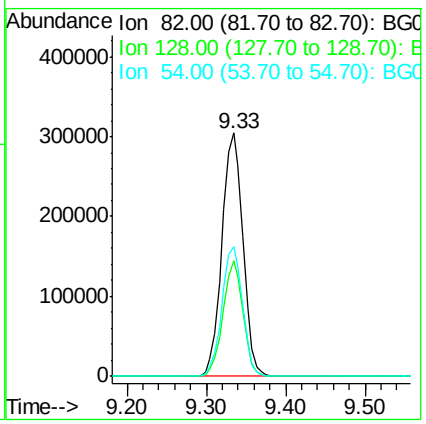


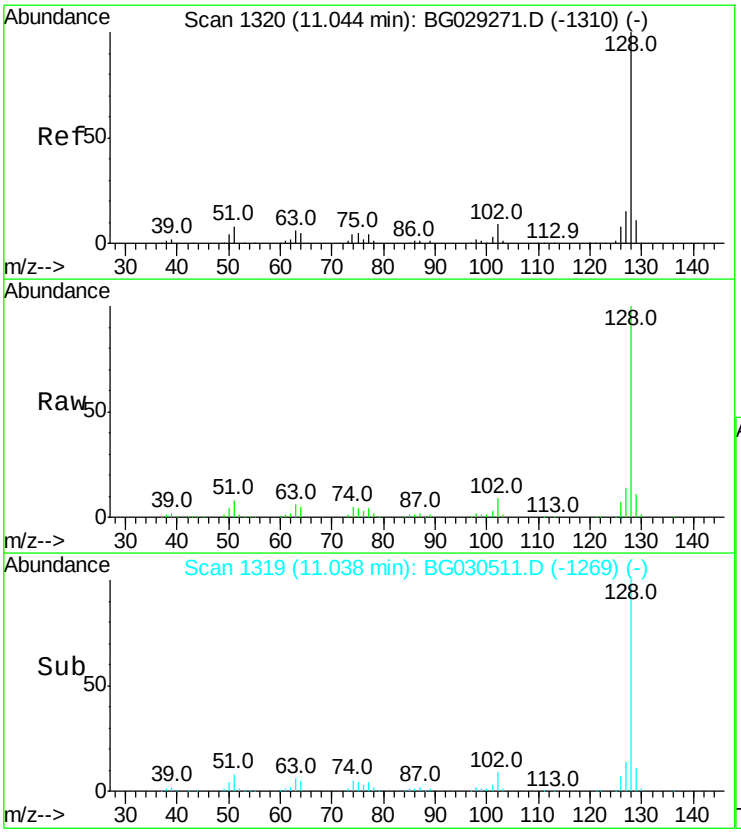
#23
Nitrobenzene-d5
Concen: 99.907 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :
SP-1-B-COMP

Tgt Ion: 82 Resp: 557269

Ion	Ratio	Lower	Upper
82	100		
128	47.5	29.7	44.5#
54	53.4	43.1	64.7

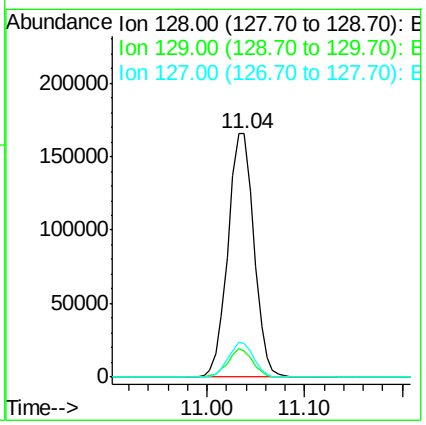


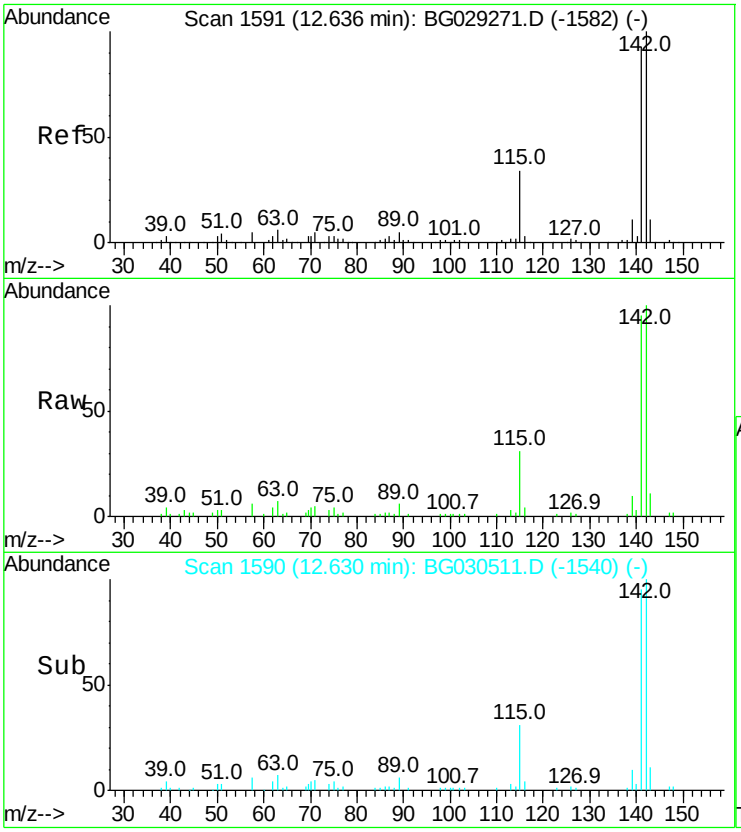


#31
Naphthalene
Concen: 17.357 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Tgt Ion:128 Resp: 306615

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	12.8
127	13.7	11.6	17.4



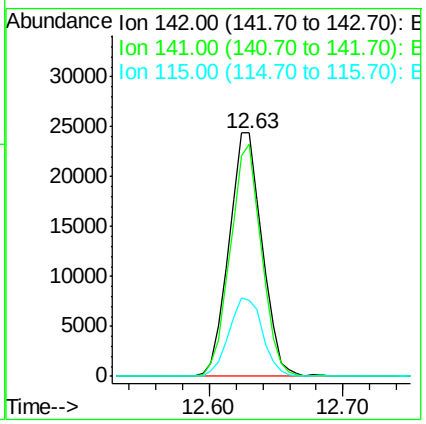


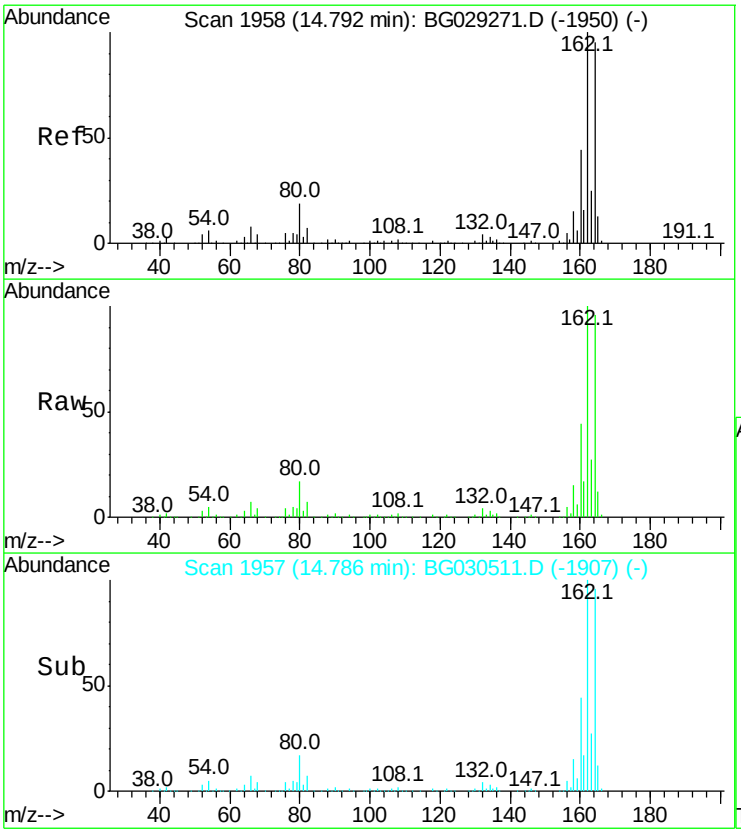
#37
2-Methylnaphthalene
Concen: 3.275 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :
SP-1-B-COMP

Tgt Ion:142 Resp: 42171

Ion	Ratio	Lower	Upper
142	100		
141	95.4	67.1	100.7
115	31.3	30.7	46.1

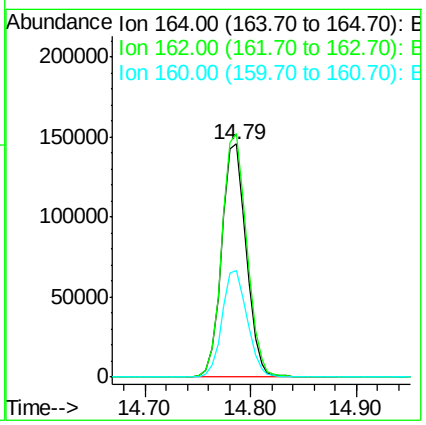


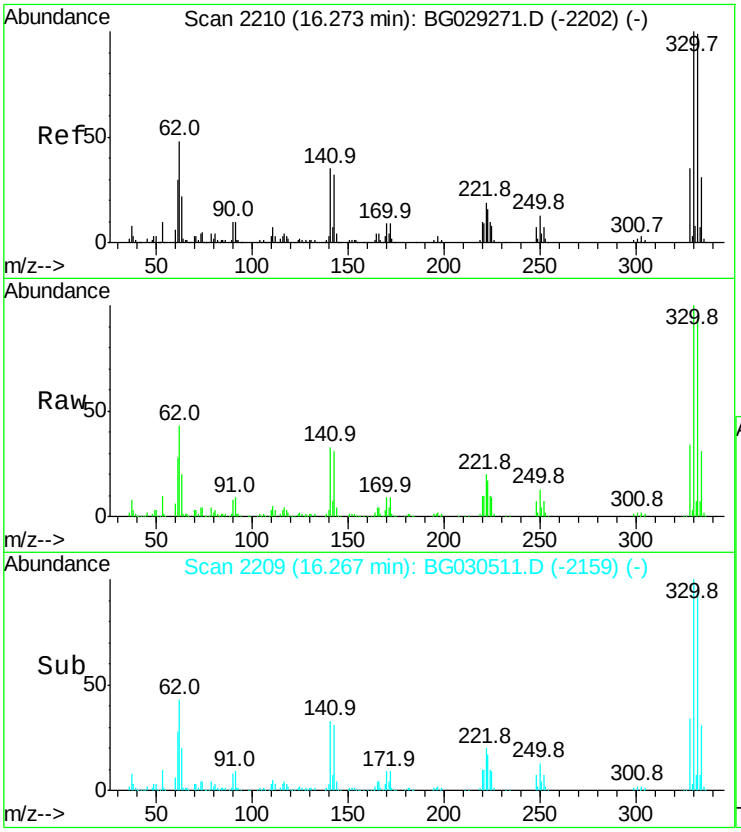


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Tgt Ion:164 Resp: 234911

Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.8	118.2
160	45.7	35.4	53.0



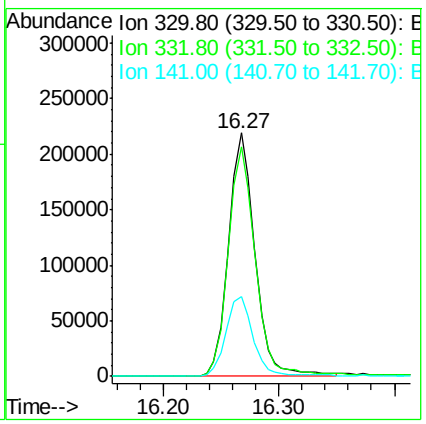


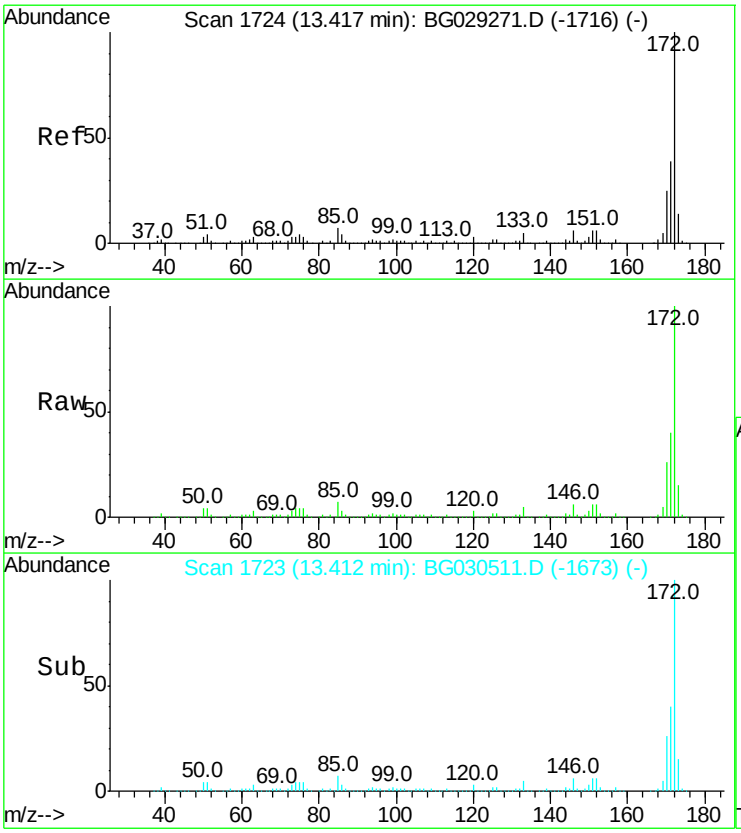
#41
2,4,6-Tribromophenol
Concen: 115.084 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :
SP-1-B-COMP

Tgt Ion:330 Resp: 349042

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	34.3	25.2	37.8

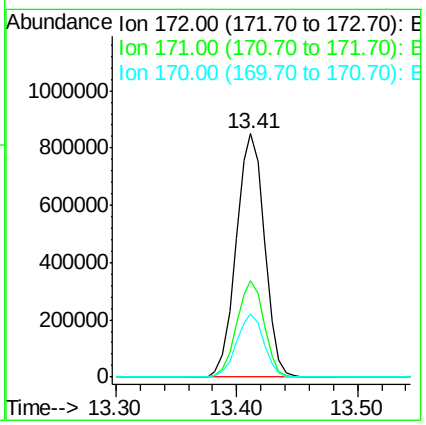


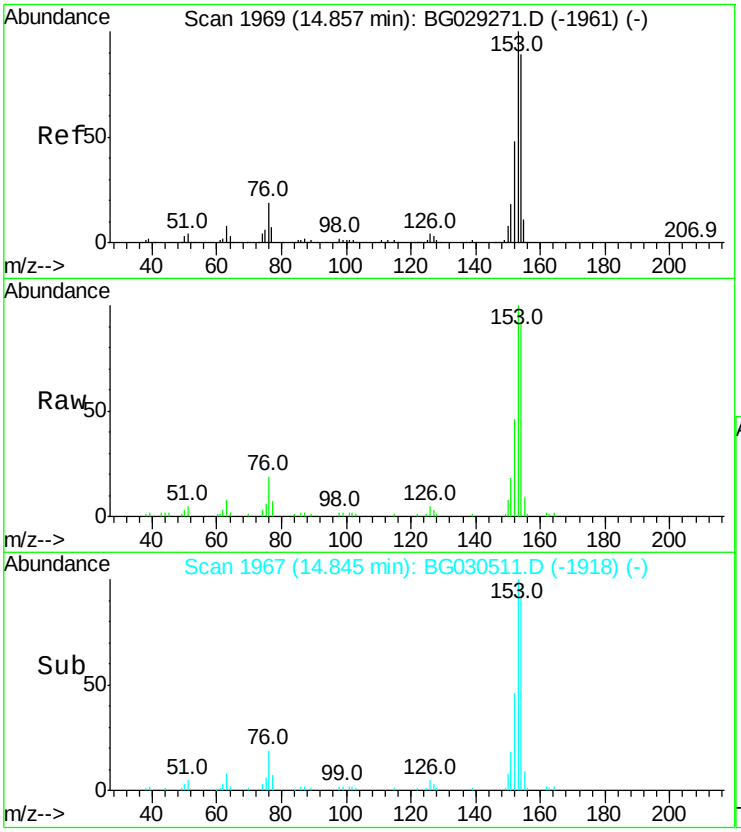


#44
2-Fluorobiphenyl
Concen: 86.641 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Tgt Ion:172 Resp: 1387716

Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.0	45.0
170	25.7	19.5	29.3



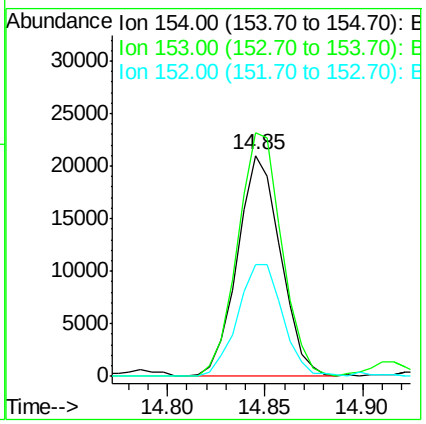


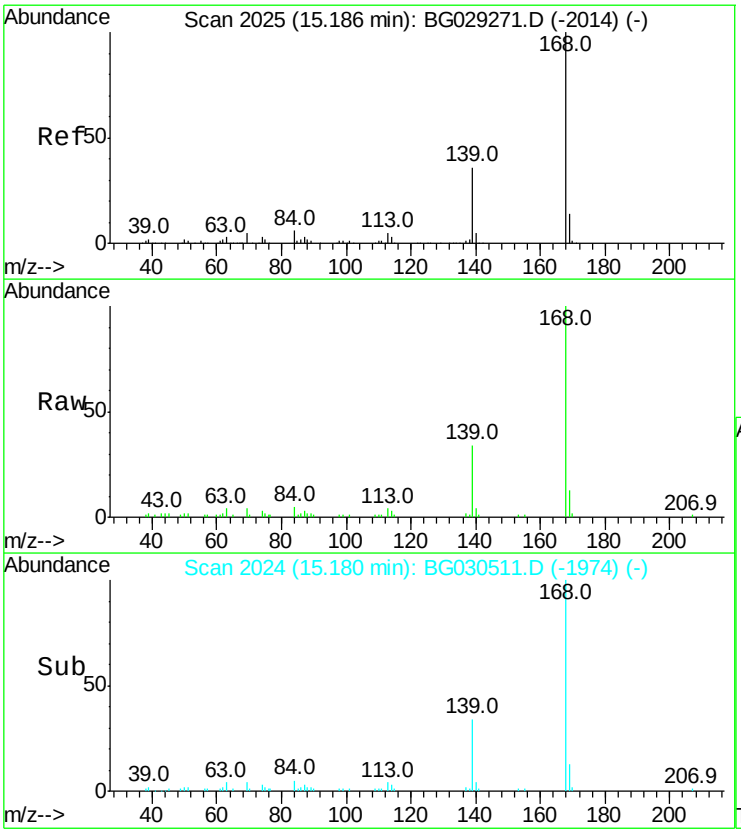
#51
Acenaphthene
Concen: 2.141 ng
RT: 14.85 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :
SP-1-B-COMP

Tgt Ion:154 Resp: 32104

Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.4	135.6
152	50.8	41.6	62.4

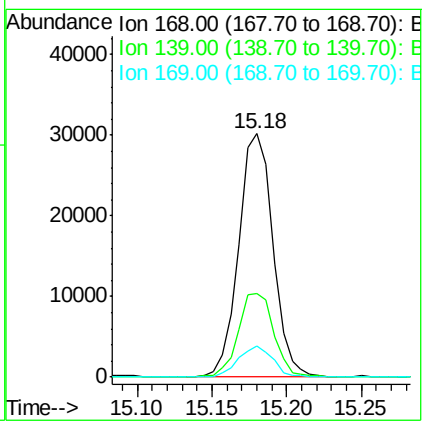


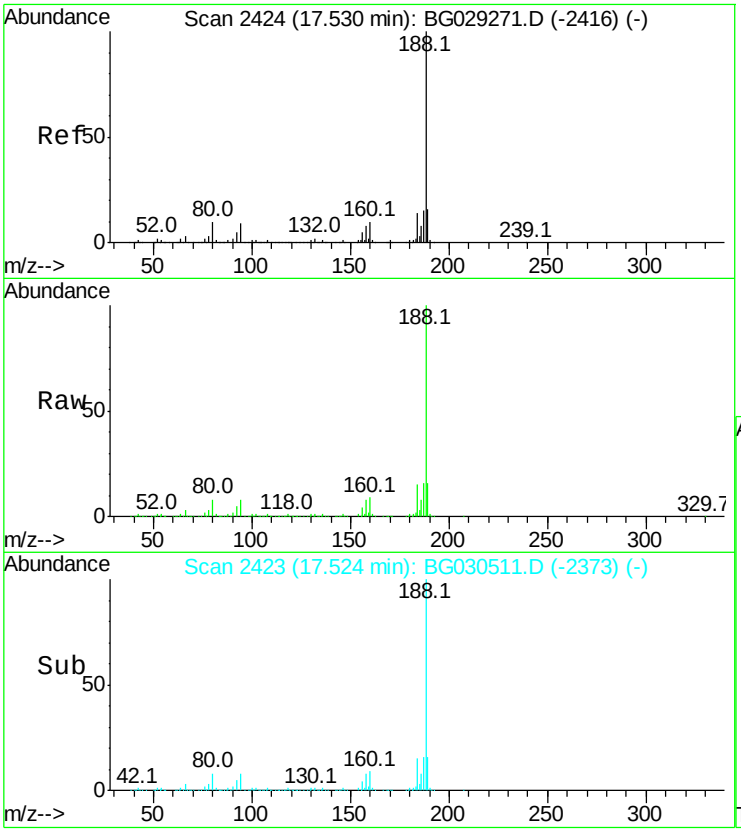


#54
Dibenzofuran
Concen: 2.240 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Tgt Ion:168 Resp: 47947

Ion	Ratio	Lower	Upper
168	100		
139	34.2	28.6	43.0
169	12.8	11.2	16.8



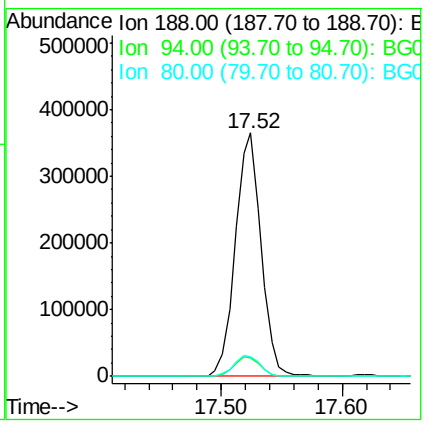


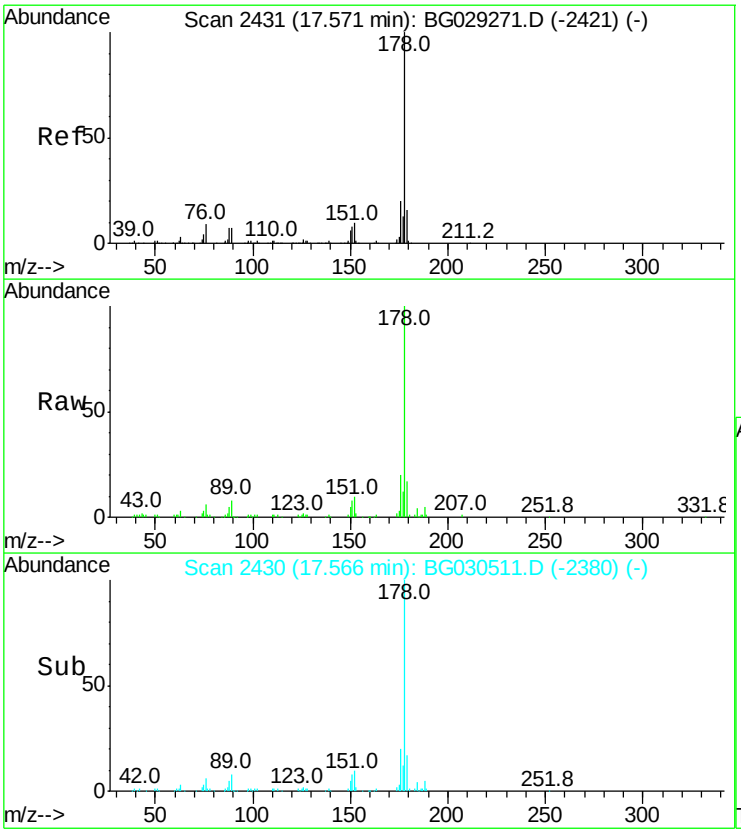
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :
SP-1-B-COMP

Tgt Ion:188 Resp: 541511

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.1	7.7	11.5

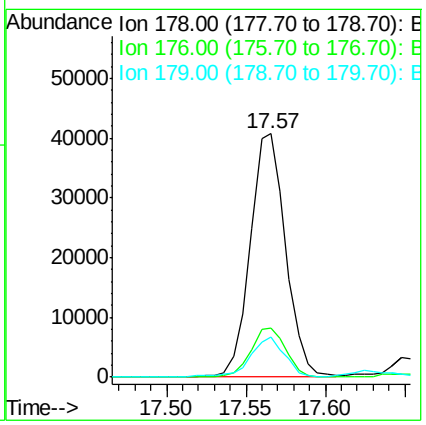


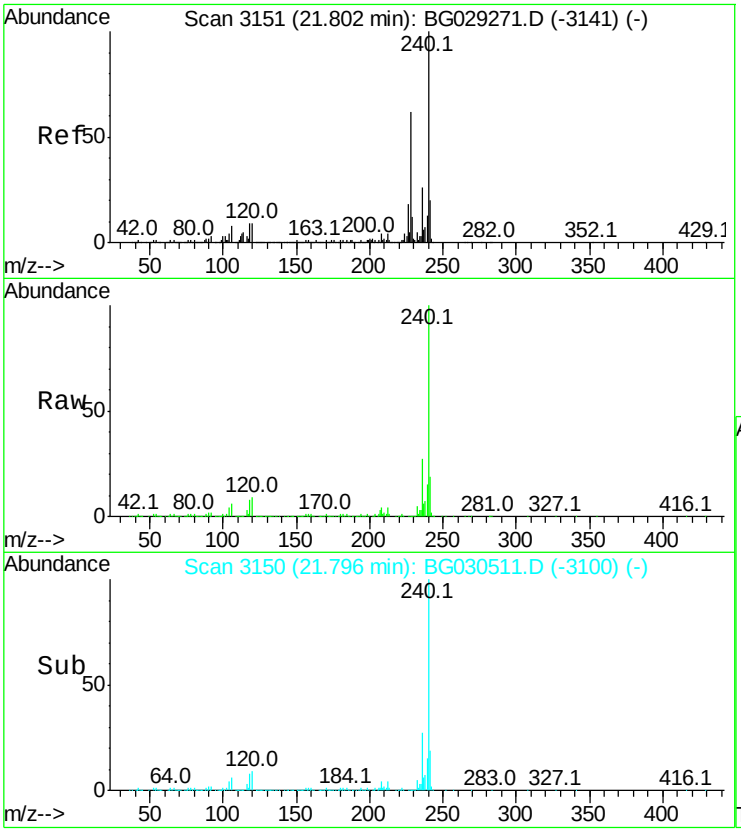


#70
Phenanthrene
Concen: 2.256 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Tgt Ion:178 Resp: 63111

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.7	12.5	18.7



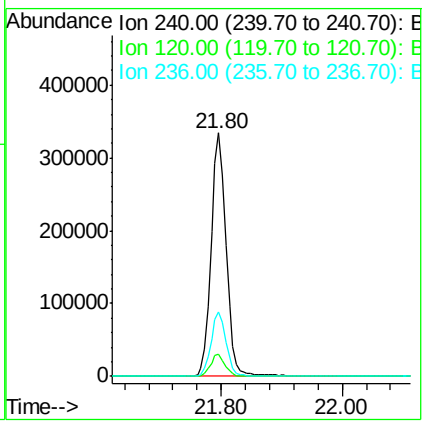


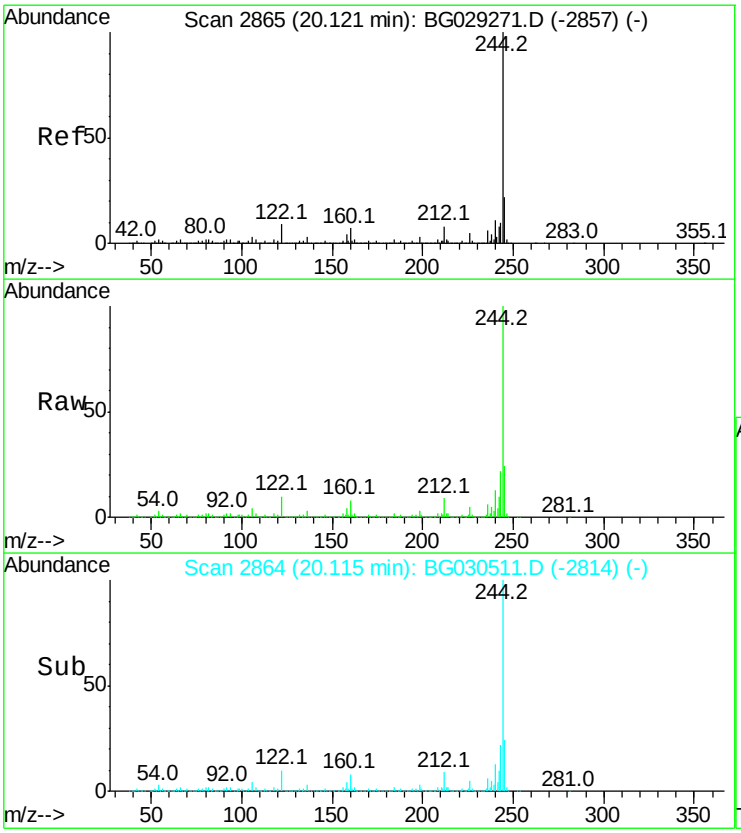
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :
SP-1-B-COMP

Tgt Ion:240 Resp: 575534

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.8	10.2
236	26.7	20.9	31.3

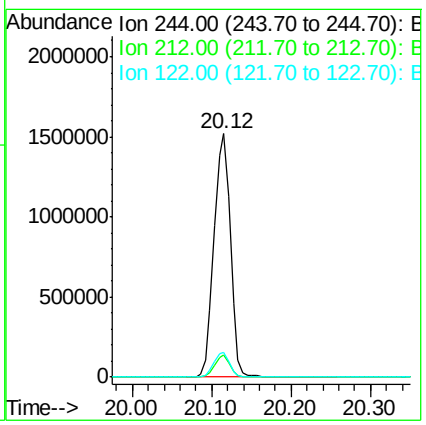


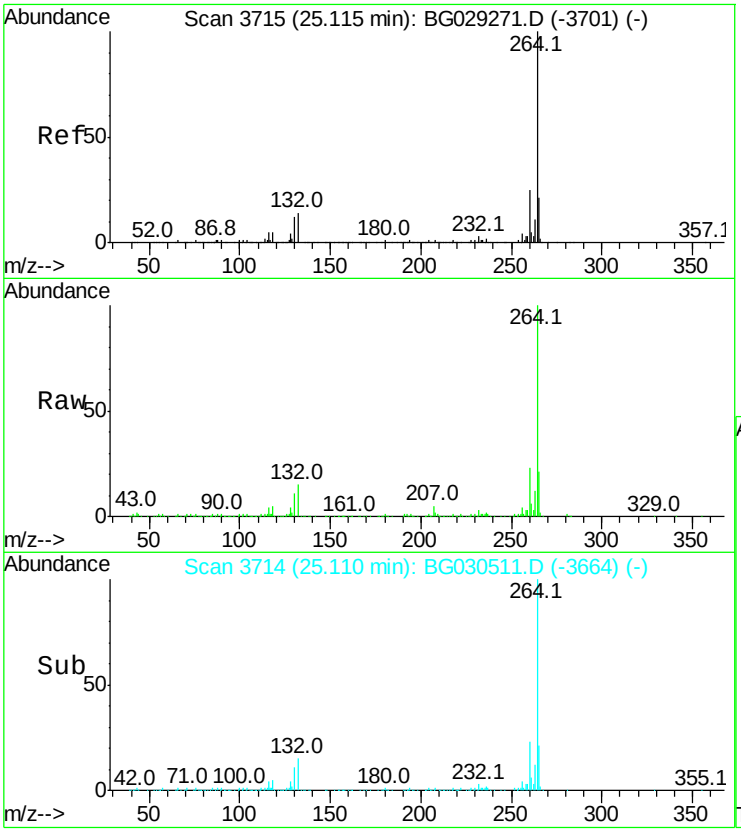


#78
Terphenyl-d14
Concen: 86.159 ng
RT: 20.12 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Tgt Ion:244 Resp: 2179744

Ion	Ratio	Lower	Upper
244	100		
212	9.1	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. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :
SP-1-B-COMP

Tgt Ion:264 Resp: 561770

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.1	17.7	26.5