Quantitation Report (Not 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 :

Quant Time: Oct 28 02:19:39 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
33) 4-Chloroaniline	11.03	127	42738	5.751	ng	#	32
37) 2-Methylnaphthalene	12.63	142	42171	3.275	ng		88
51) Acenaphthene	14.85	154	32104	2.141	ng		98
53) 2,4-Dinitrophenol	14.92	184	59	6.657	ng	#	5
54) Dibenzofuran	15.18	168	47947	2.240	ng		97
55) 4-Nitrophenol	15.18	139	17143	5.015	ng	#	1
70) Phenanthrene	17.57	178	63111	2.256	ng		98

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

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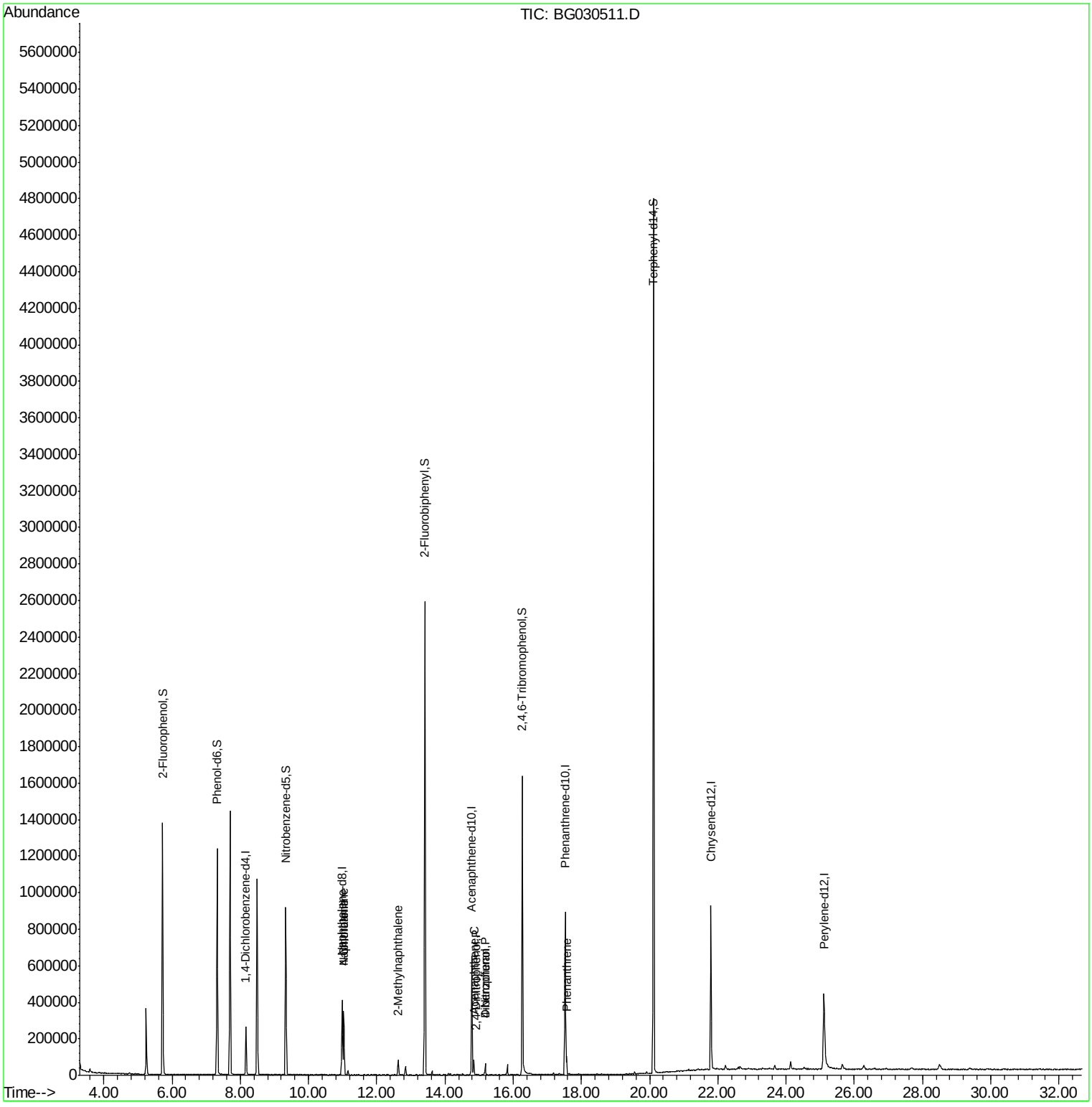
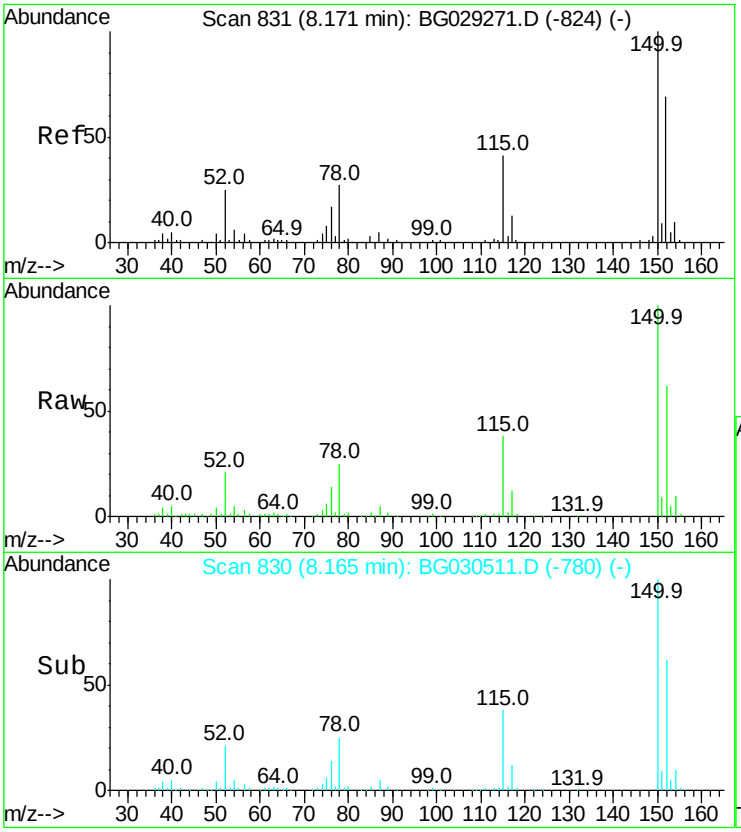


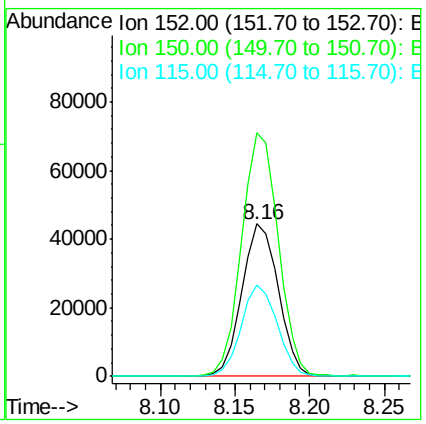


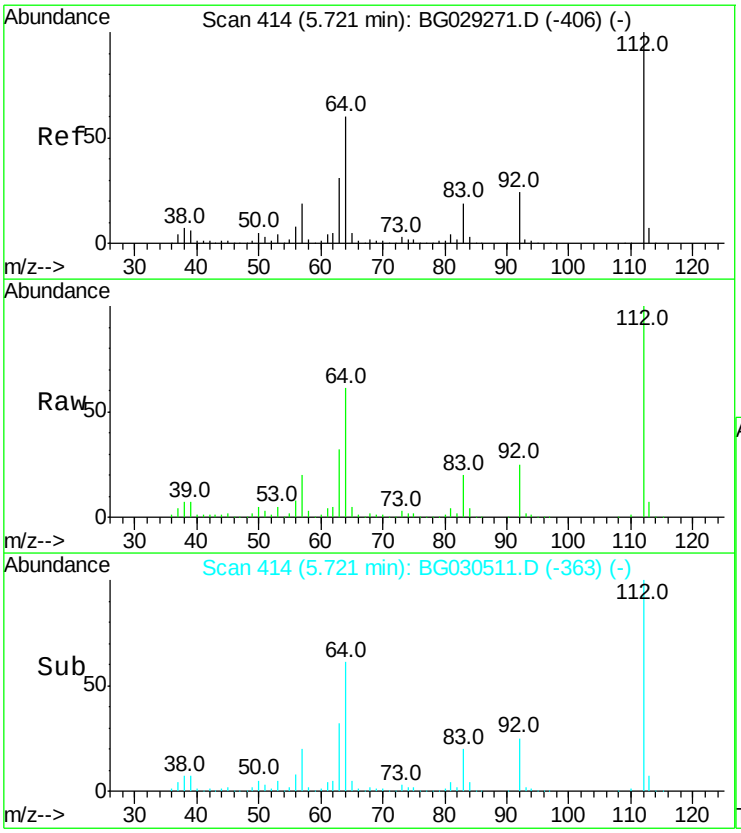
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :

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

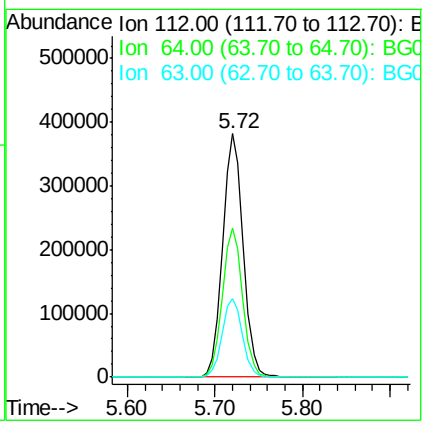


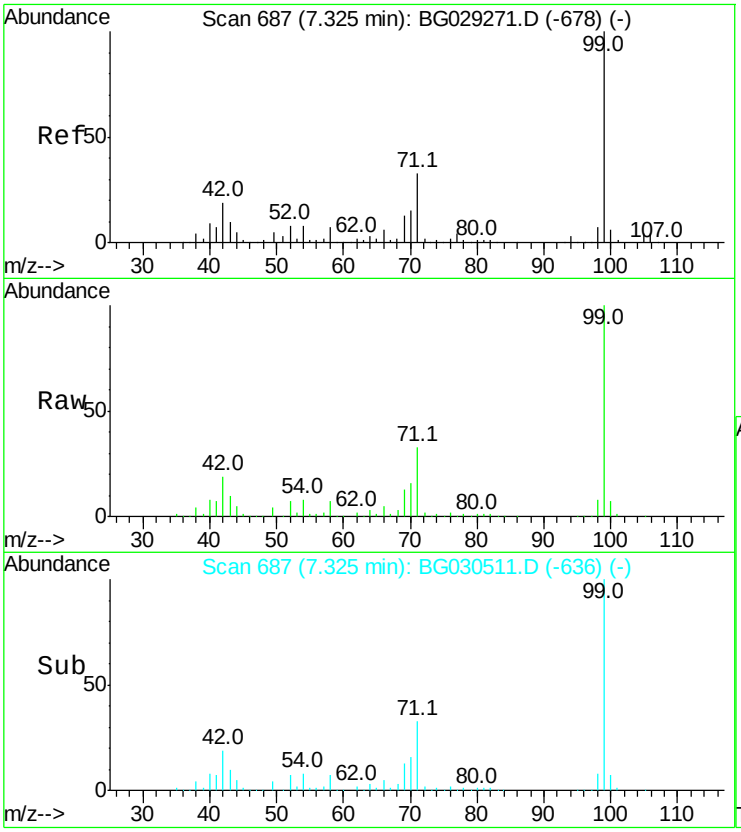


#5
2-Fluorophenol
Concen: 136.944 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

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



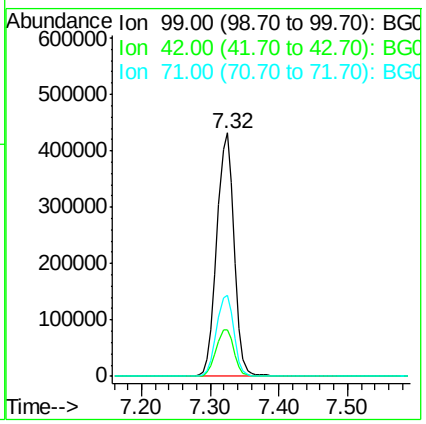


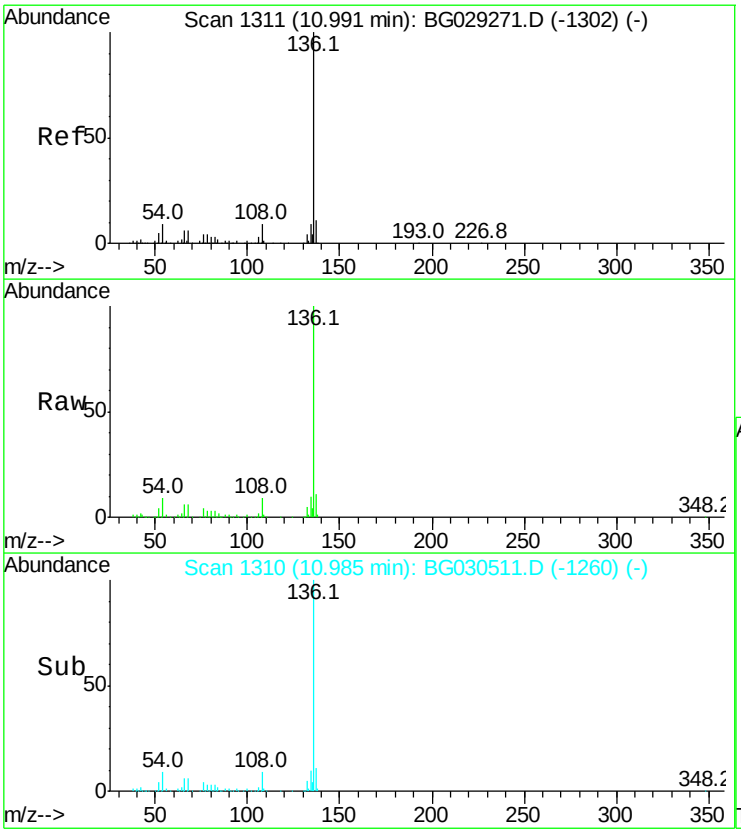
#7
Phenol-d6
Concen: 119.643 ng
RT: 7.32 min Scan# 687
Delta R.T. 0.00 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :

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

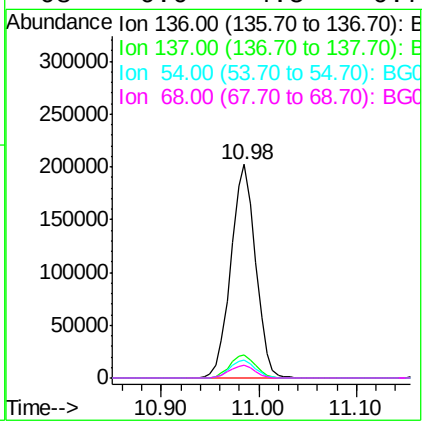


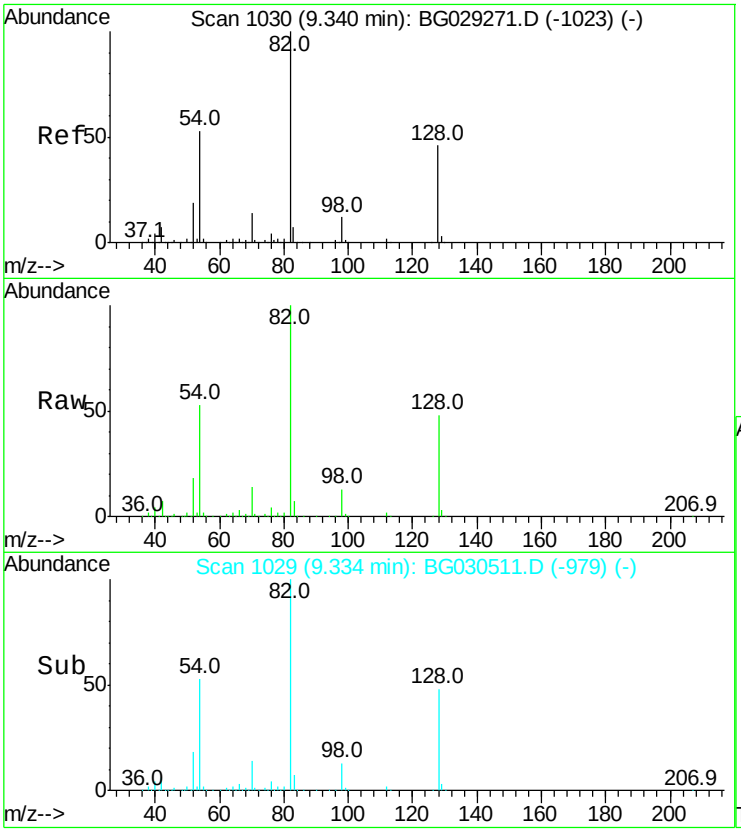


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

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



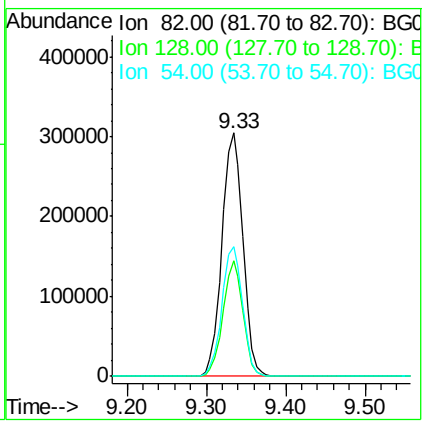


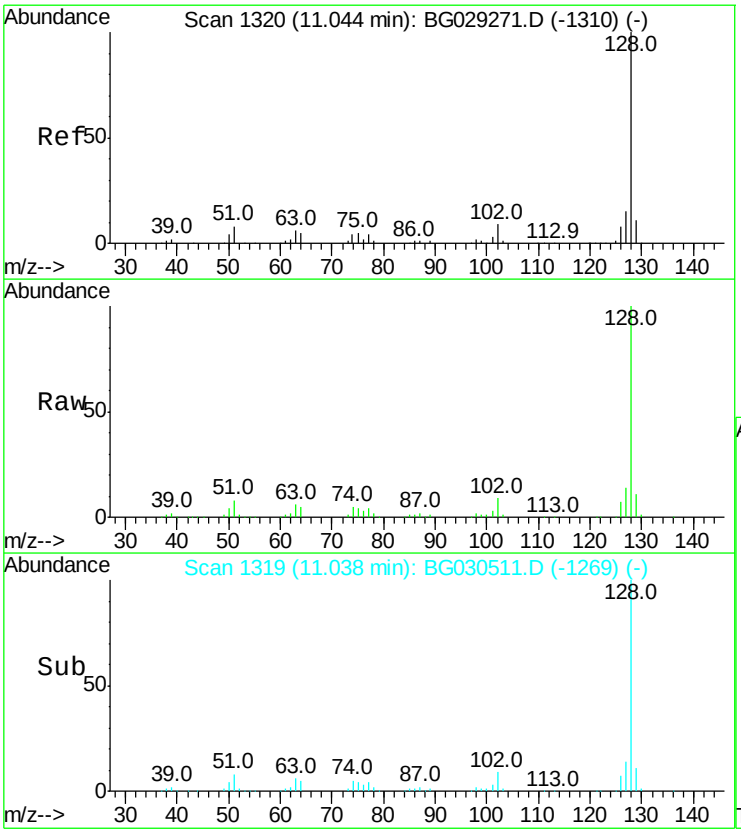
#23
Nitrobenzene-d5
Concen: 99.907 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :

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

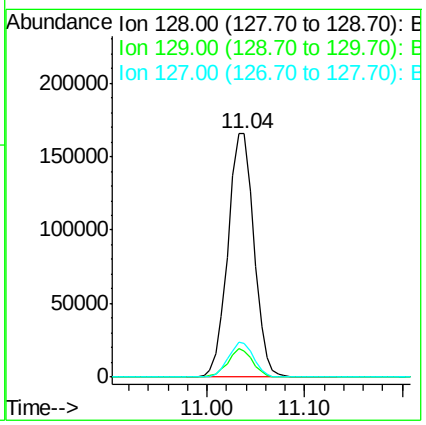


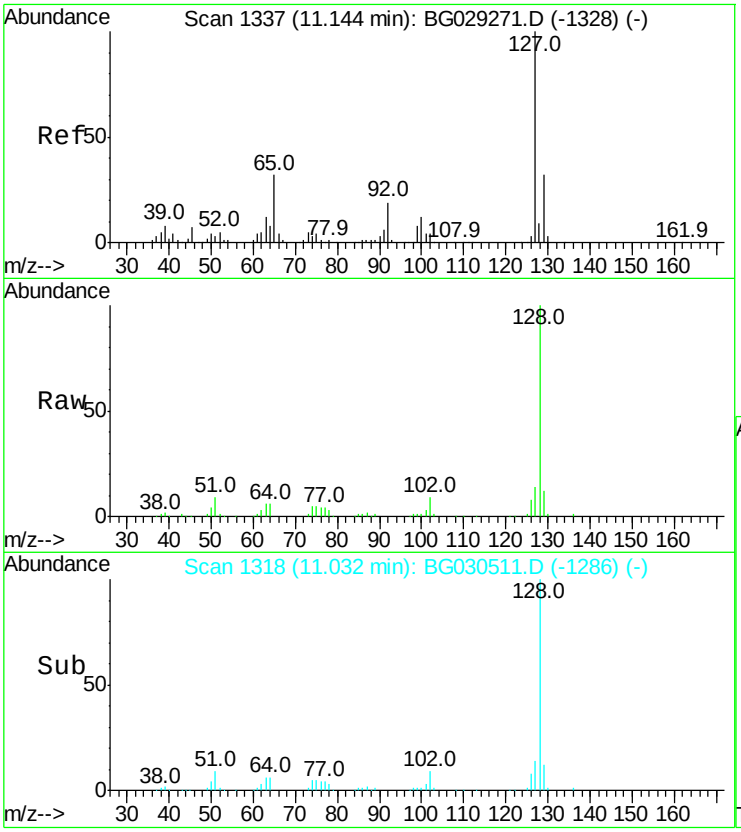


#31
Naphthalene
Concen: 17.357 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

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



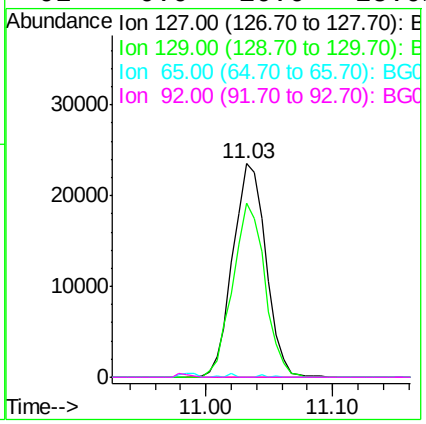


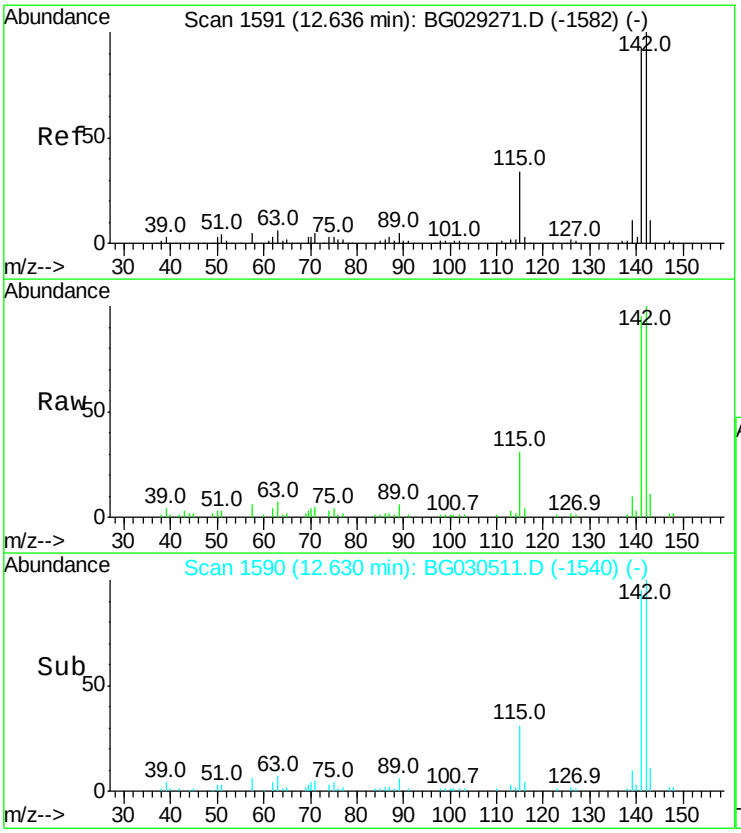
#33
4-Chloroaniline
Concen: 5.751 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.11 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 42738

Ion	Ratio	Lower	Upper
127	100		
129	81.6	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

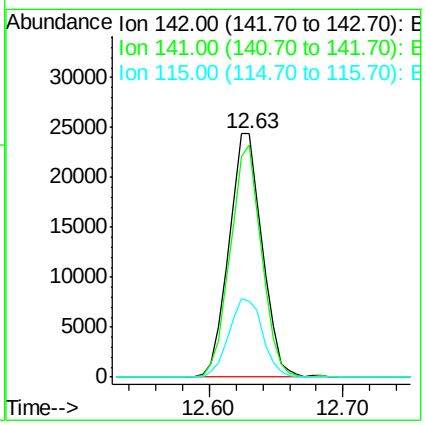


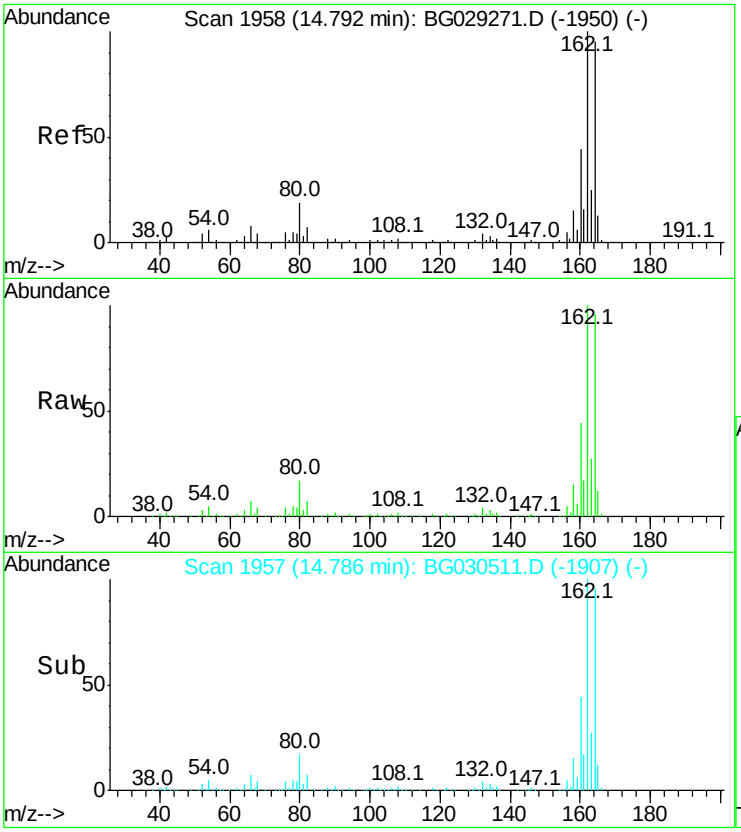


#37
2-Methylnaphthalene
Concen: 3.275 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

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



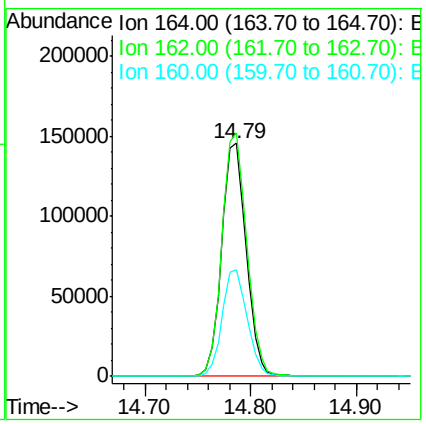


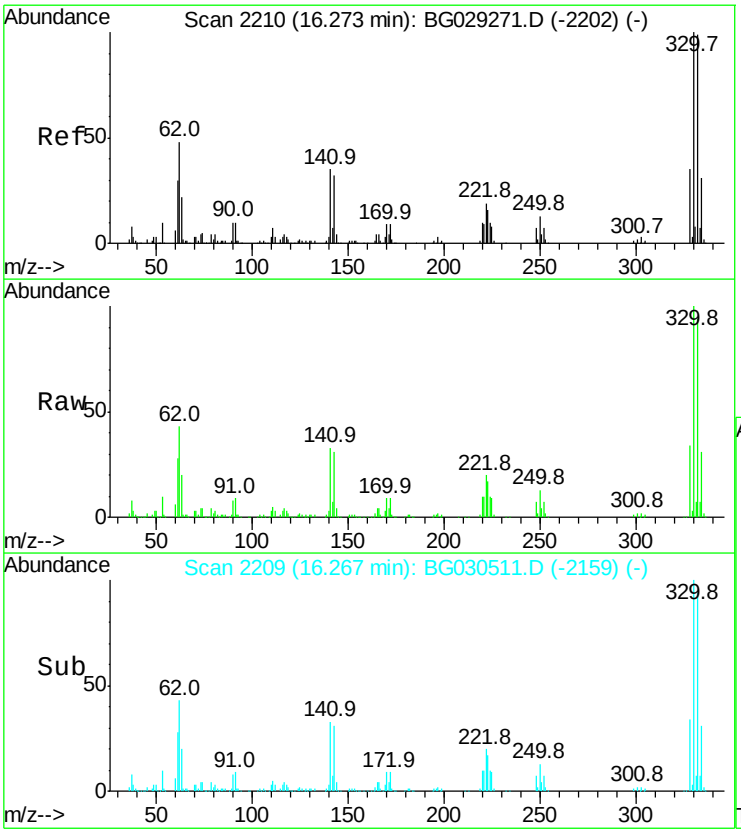
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :

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

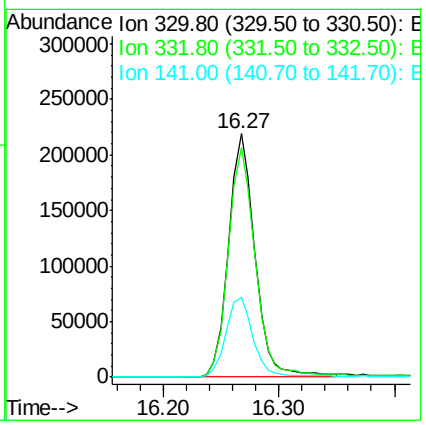


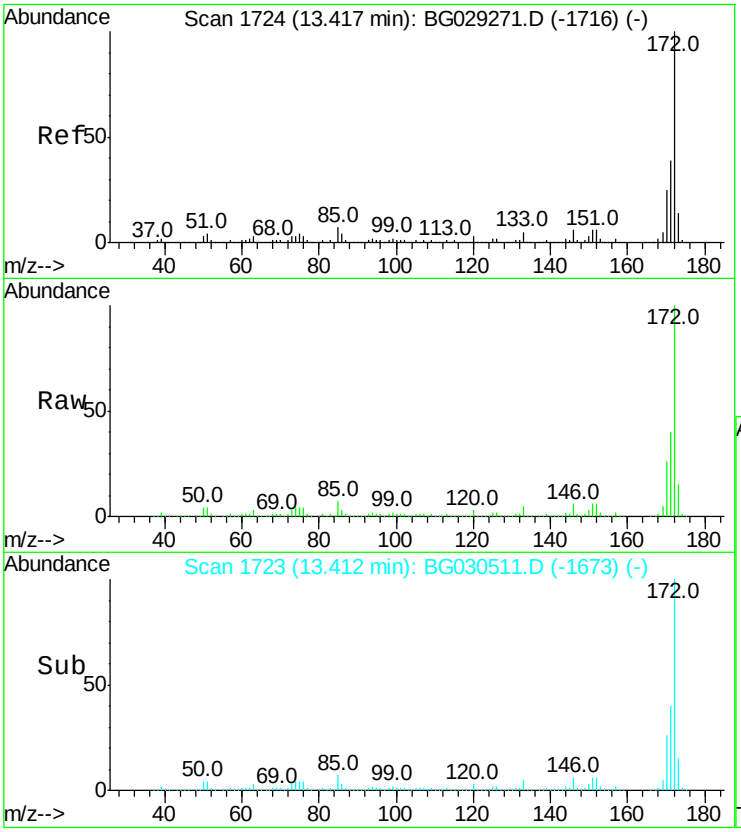


#41
2,4,6-Tribromophenol
Concen: 115.084 ng
RT: 16.27 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

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



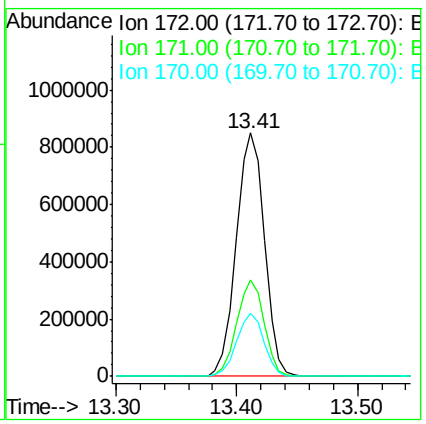


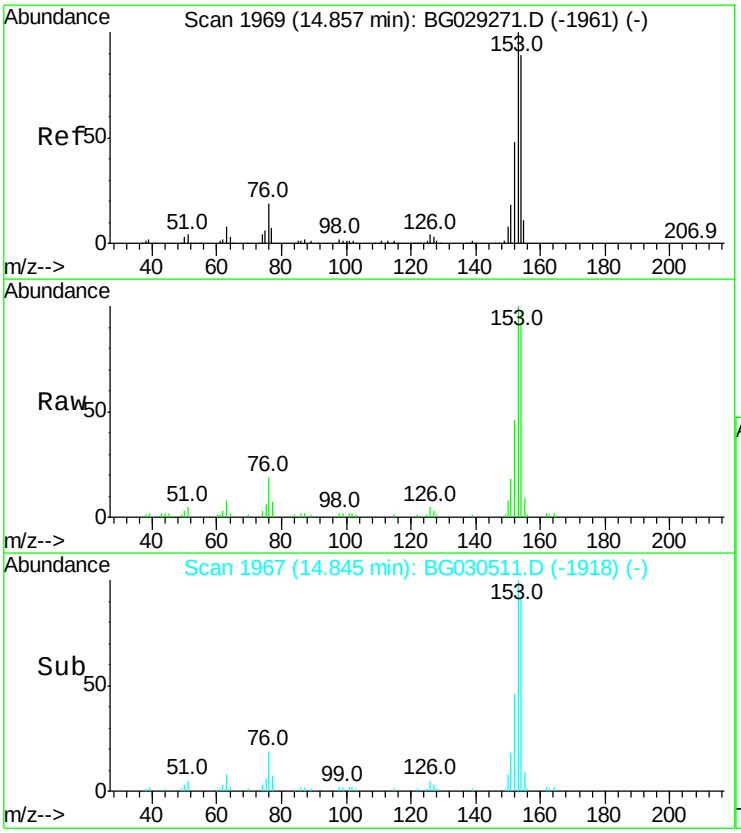
#44
2-Fluorobiphenyl
Concen: 86.641 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :

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

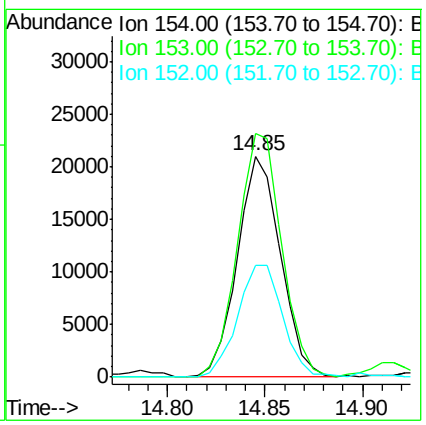


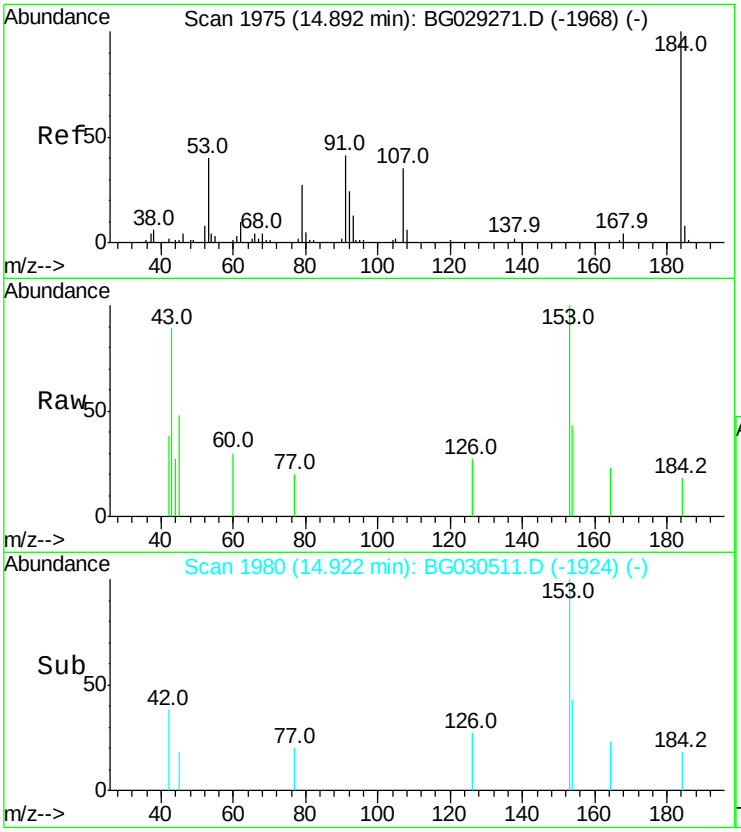


#51
Acenaphthene
Concen: 2.141 ng
RT: 14.85 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

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



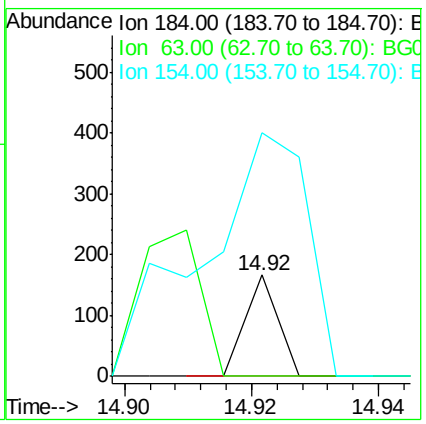


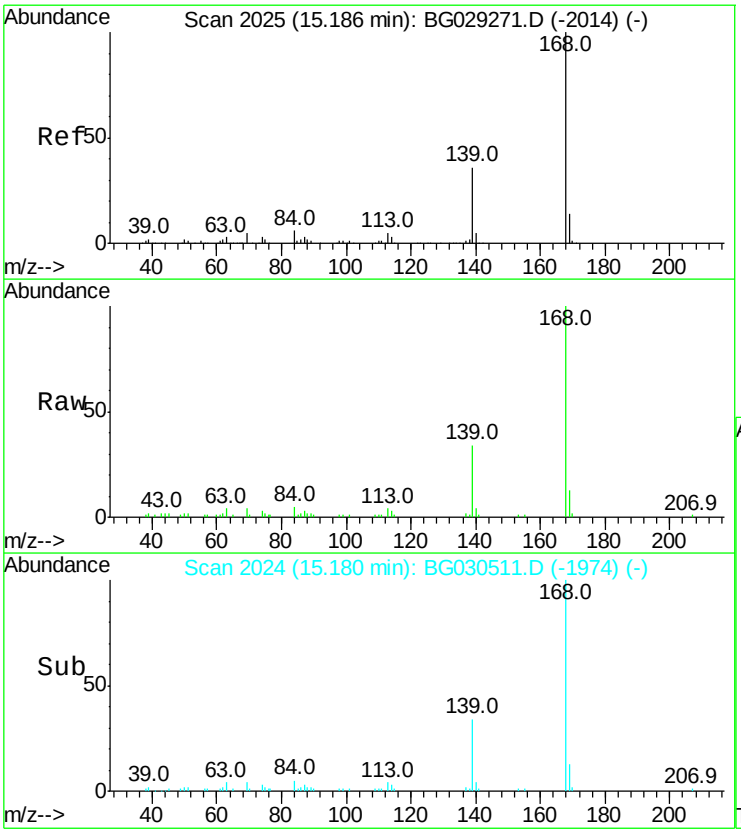
#53
2,4-Dinitrophenol
Concen: 6.657 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.03 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 59

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	241.0	101.8	152.8#

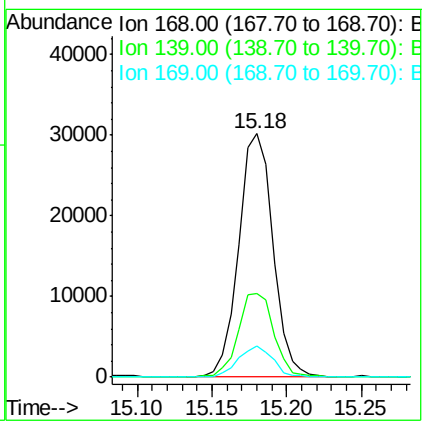


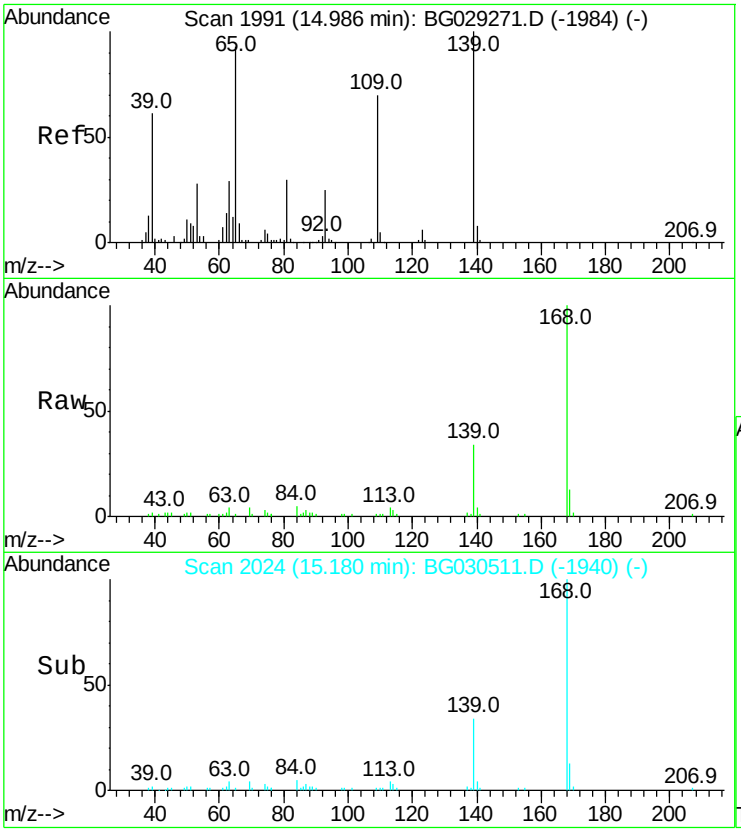


#54
Dibenzofuran
Concen: 2.240 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

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



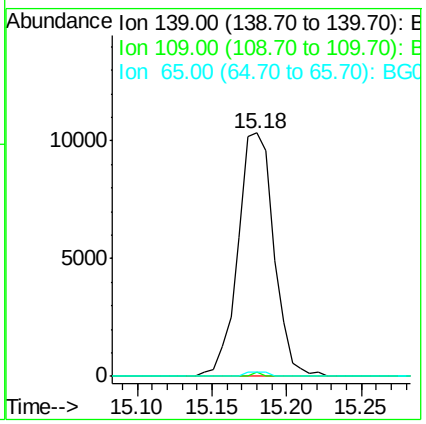


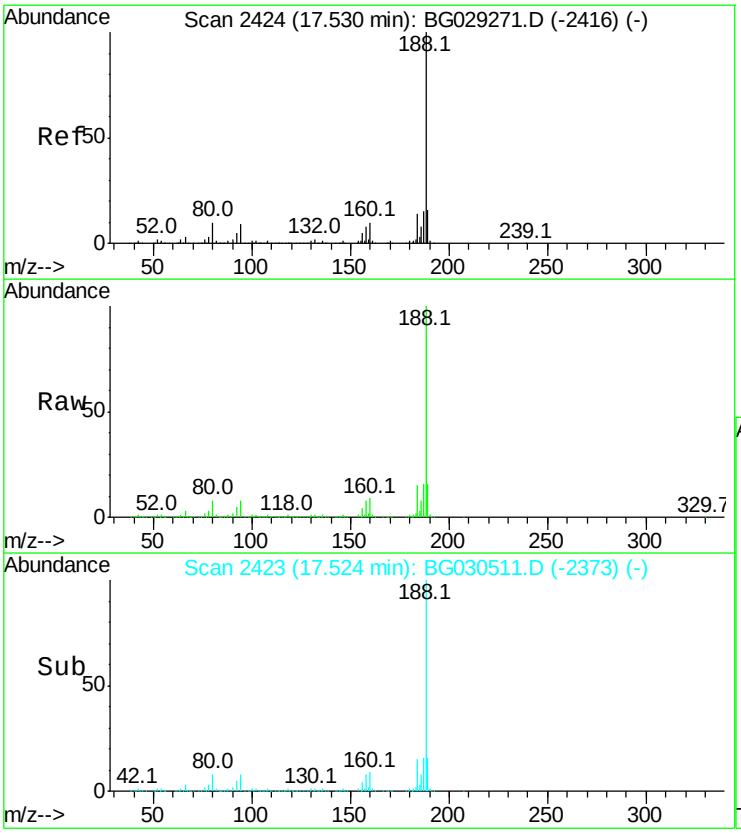
#55
4-Nitrophenol
Concen: 5.015 ng
RT: 15.18 min Scan# 2024
Delta R.T. 0.19 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 17143

Ion	Ratio	Lower	Upper
139	100		
109	1.7	62.2	102.2#
65	1.8	97.2	137.2#

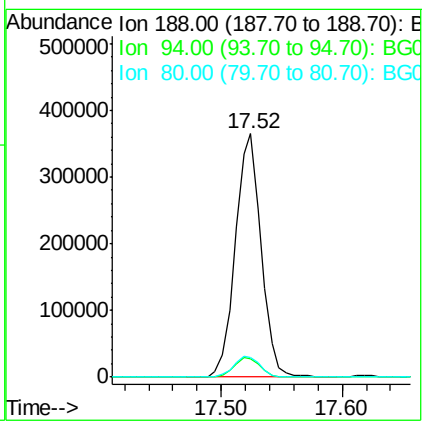


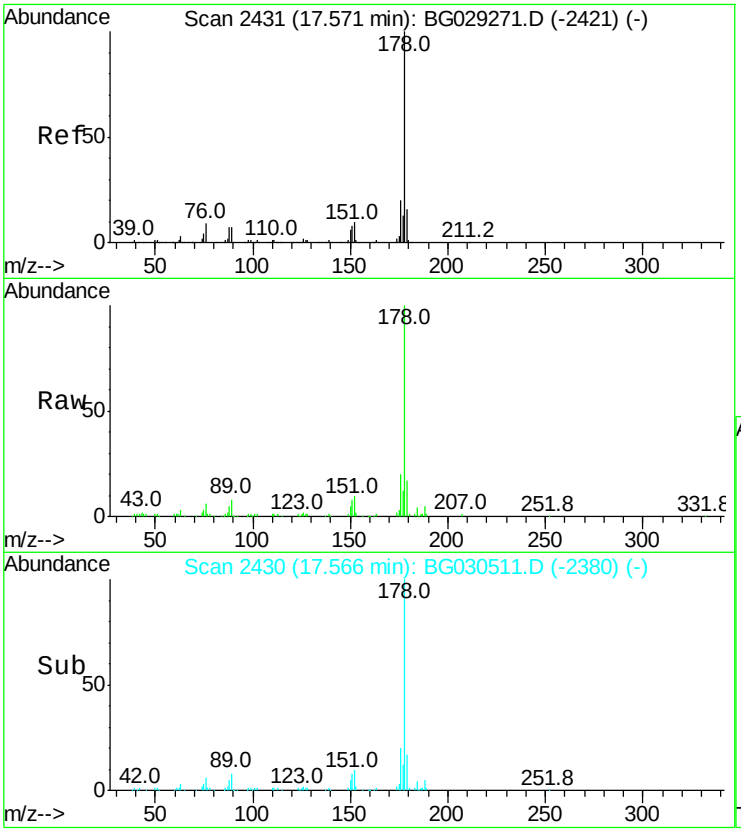


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

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



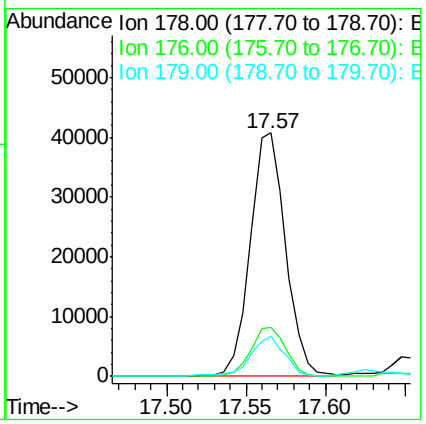


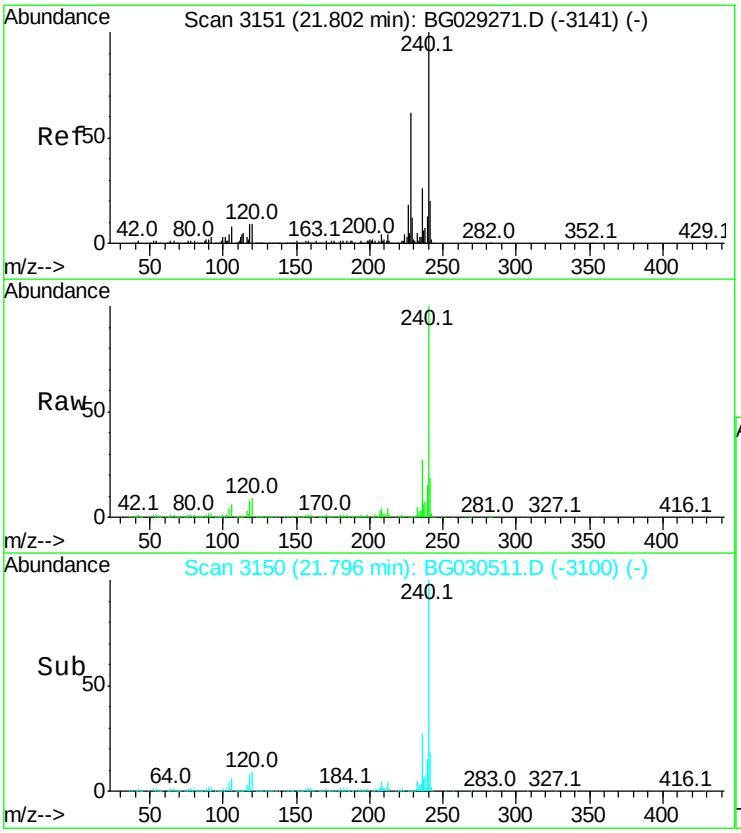
#70
Phenanthrene
Concen: 2.256 ng
RT: 17.57 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :

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

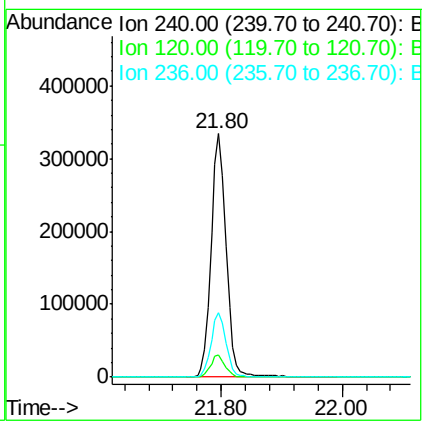


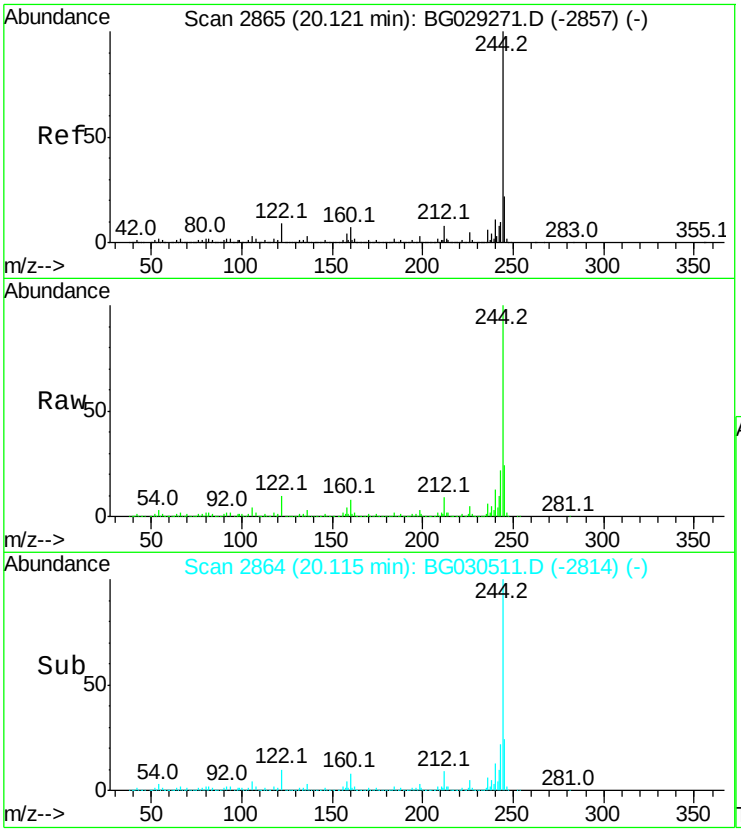


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

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



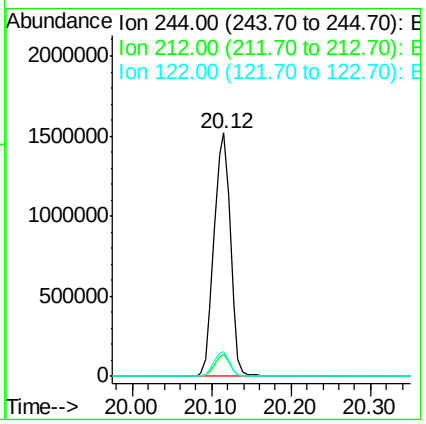


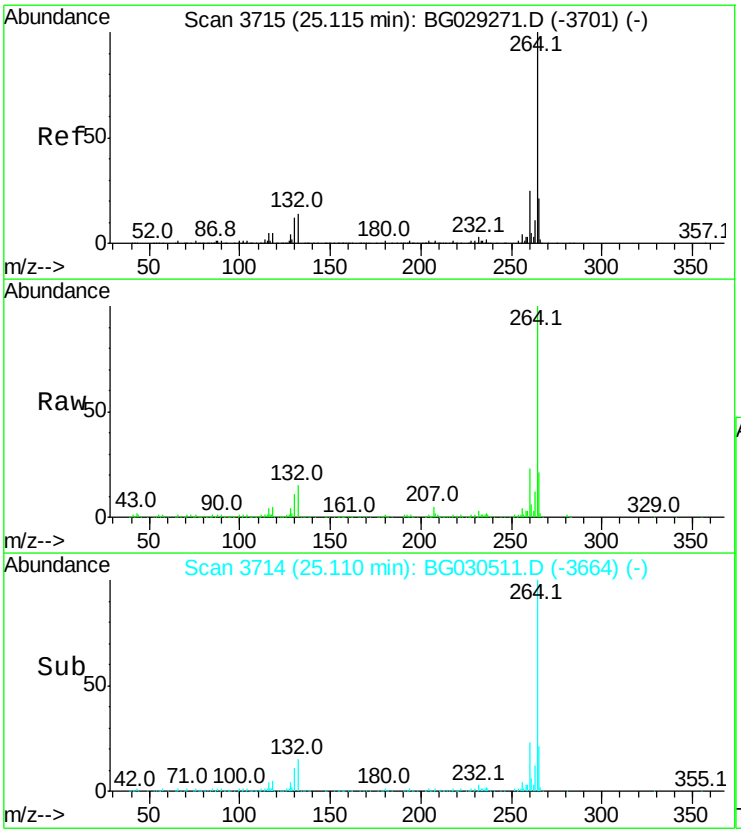
#78
Terphenyl-d14
Concen: 86.159 ng
RT: 20.12 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BG030511.D
Acq: 28 Oct 2017 00:02

Instrument :
BNA_G
ClientSampleId :

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

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