Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062817\
Data File : BG027715.D
Acq On : 28 Jun 2017 18:50
Operator : SJ/JU
Sample : PB100123BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 29 06:43:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	28761	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	144154	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	90278	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	269867	20.00	ng	0.00
75) Chrysene-d12	22.17	240	279999	20.00	ng	0.00
86) Perylene-d12	25.79	264	272020	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	303495	162.50	ng	0.00
7) Phenol-d6	7.61	99	432149	151.46	ng	0.00
23) Nitrobenzene-d5	9.64	82	247417	95.67	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	217668	175.79	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	615801	97.42	ng	0.00
78) Terphenyl-d14	20.39	244	1336267	111.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.97	88	61	0.09	ng	# 1
4) n-Nitrosodimethylamine	4.35	42	70	0.07	ng	# 1
6) Aniline	8.02	93	506	0.15	ng	# 1
9) Benzaldehyde	7.62	77	598	0.35	ng	# 10
10) Phenol	7.64	94	62	0.02	ng	# 1
11) bis(2-Chloroethyl)ether	8.02	93	506	0.24	ng	# 1
15) Benzyl Alcohol	8.80	79	3673	1.86	ng	# 43
24) Nitrobenzene	9.64	77	681	0.25	ng	# 49
45) 1,1'-Biphenyl	13.91	154	773	0.11	ng	77
51) Acenaphthene	15.06	154	121	0.02	ng	# 6
62) Azobenzene	16.55	77	1006	0.13	ng	# 1
65) n-Nitrosodiphenylamine	16.55	169	7889	0.90	ng	# 45
73) Di-n-butylphthalate	18.74	149	255	0.01	ng	# 73
77) Pyrene	20.39	202	4861	0.28	ng	# 69
79) Butylbenzylphthalate	21.07	149	54	0.01	ng	# 33
80) Benzo(a)anthracene	22.17	228	898	0.05	ng	# 47
82) Chrysene	22.17	228	898	0.06	ng	# 46
83) Bis(2-ethylhexyl)phthalate	22.00	149	778	0.07	ng	# 51
84) Di-n-octyl phthalate	23.35	149	117	0.01	ng	# 1
89) Benzo(a)pyrene	25.78	252	754	0.05	ng	# 8

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

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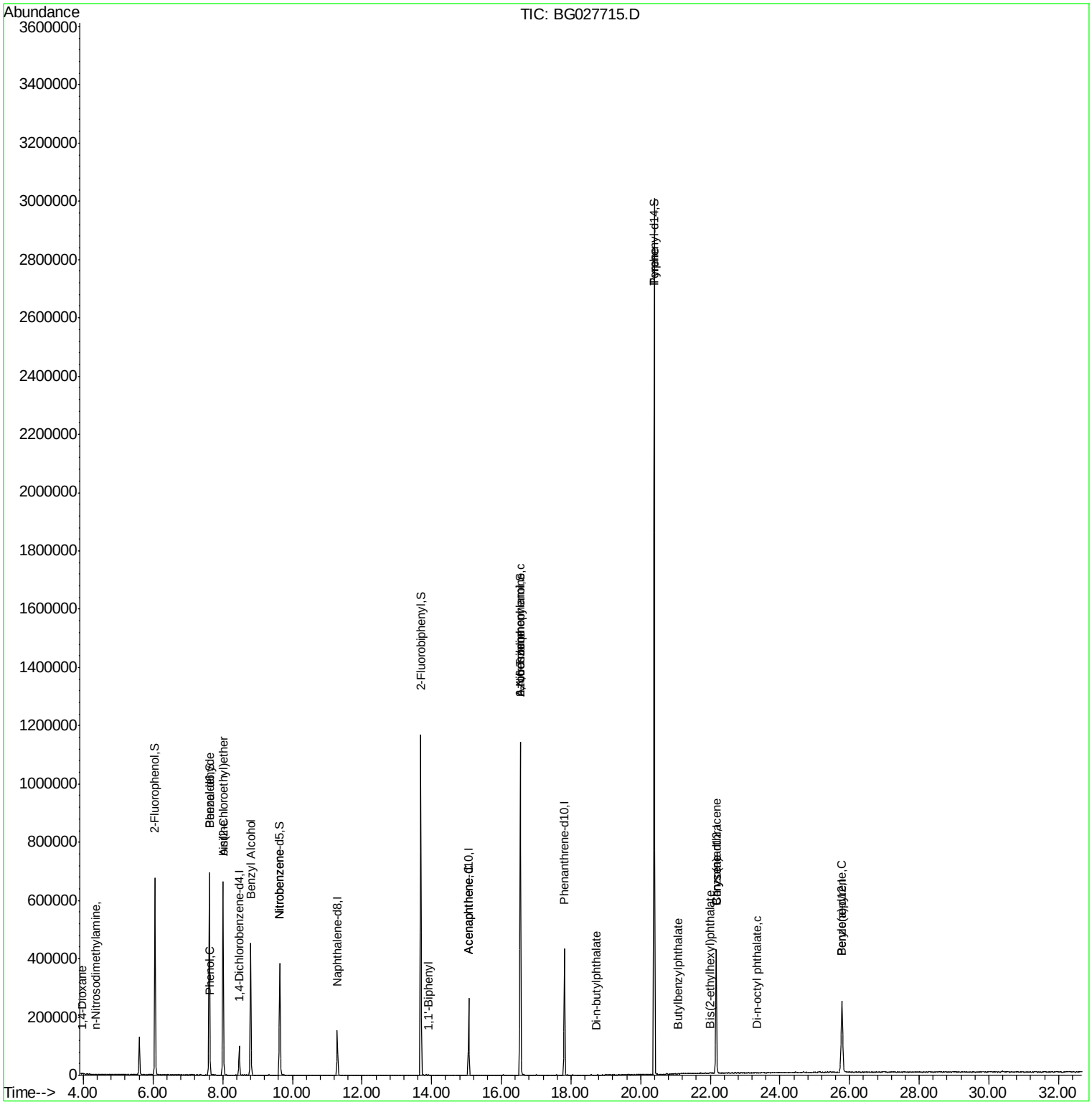
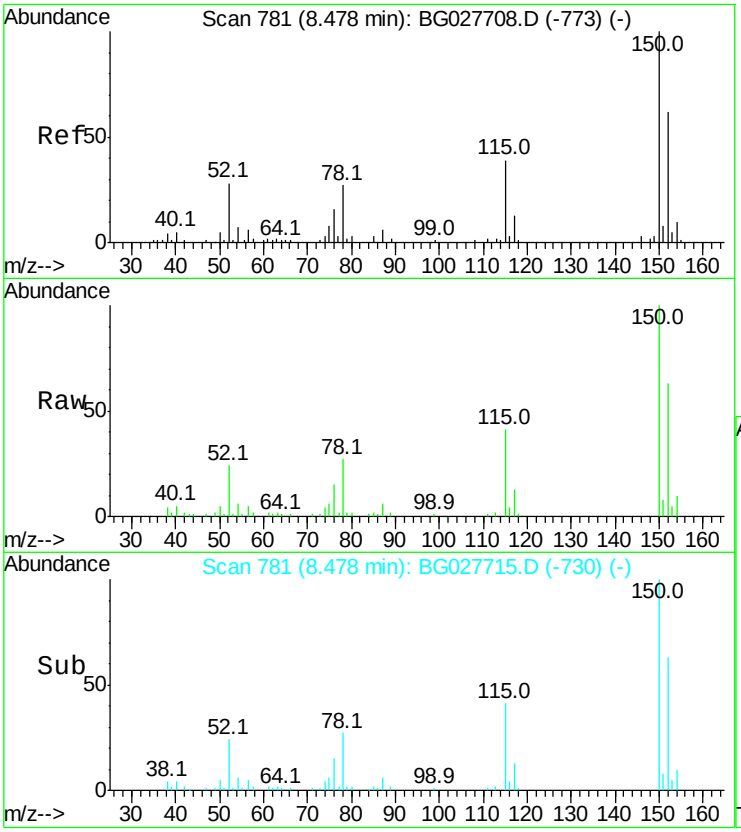


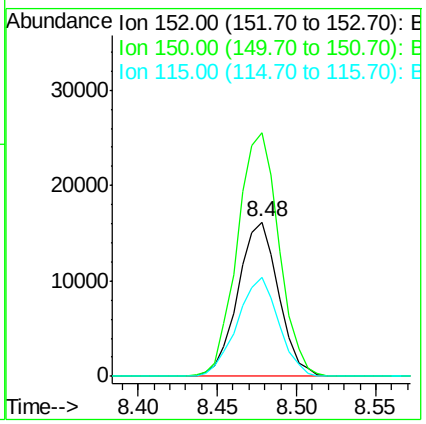


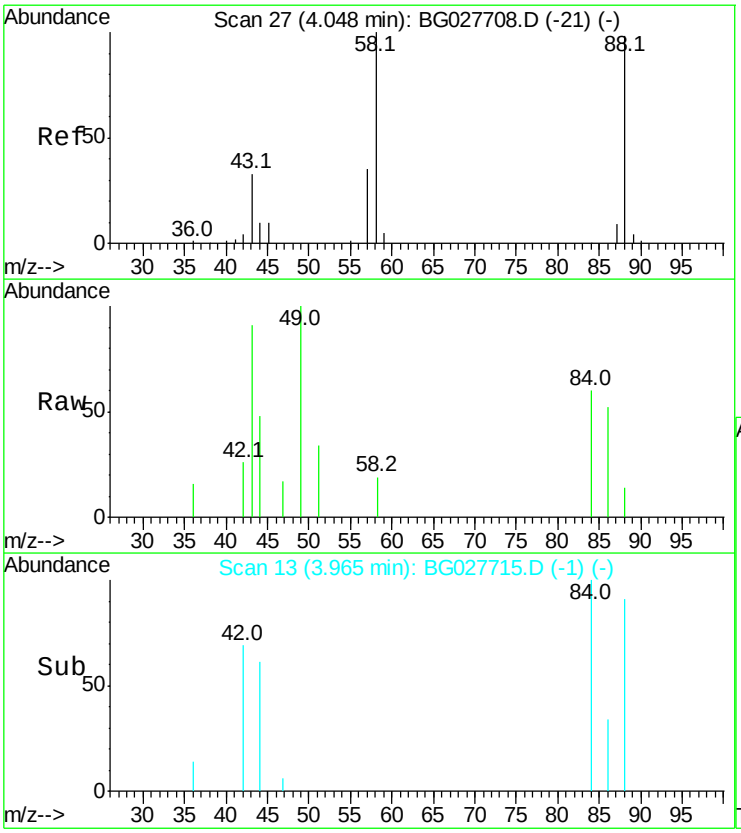
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 28761

Ion	Ratio	Lower	Upper
152	100		
150	158.0	114.0	171.0
115	64.4	48.1	72.1

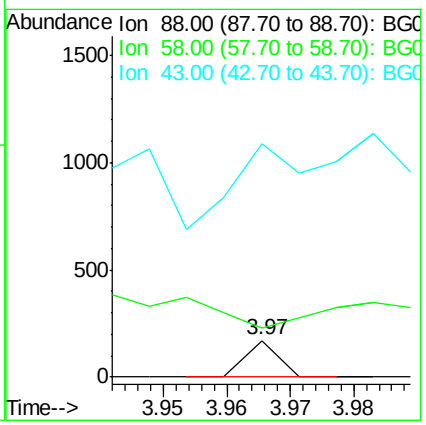


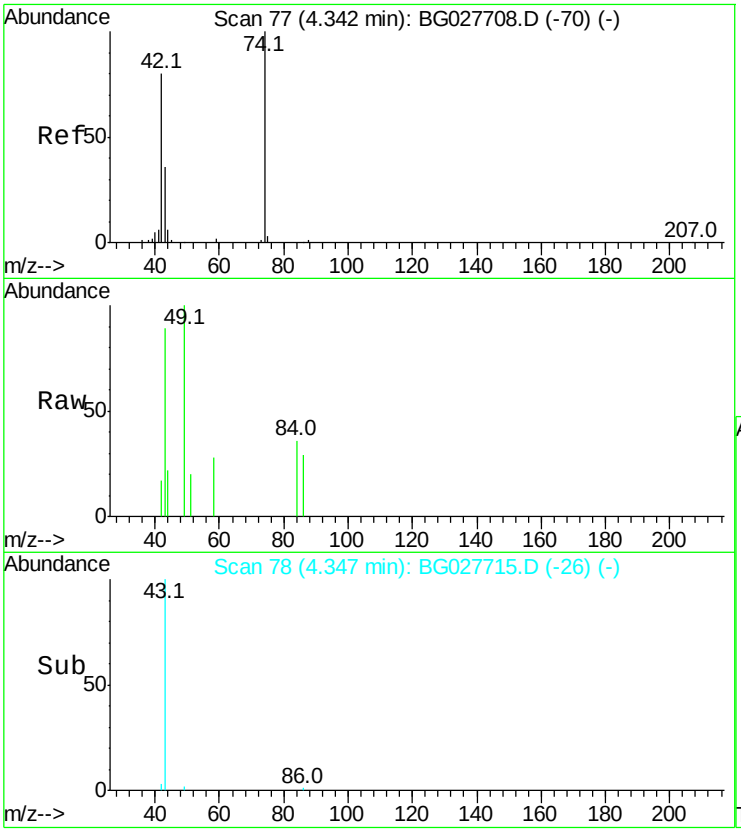


#2
1,4-Dioxane
Concen: 0.09 ng
RT: 3.97 min Scan# 13
Delta R.T. -0.08 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
58	0.0	79.4	119.2#
43	1083.6	33.8	50.6#



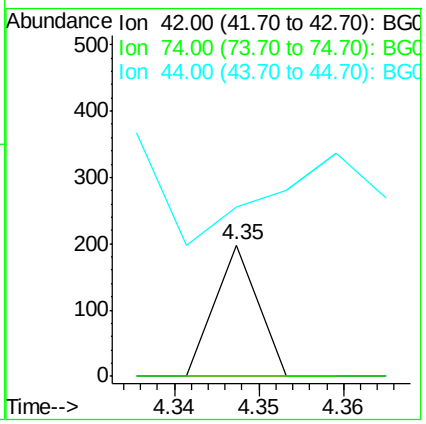


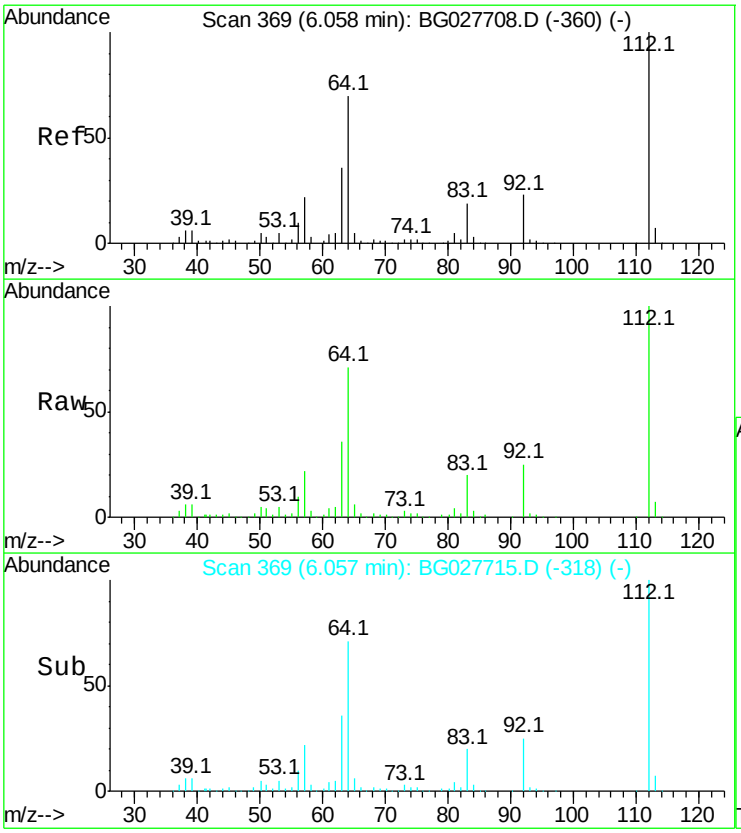
#4
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 4.35 min Scan# 78
Delta R.T. 0.01 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 70

Ion	Ratio	Lower	Upper
42	100		
74	0.0	76.7	115.1#
44	128.8	6.1	9.1#

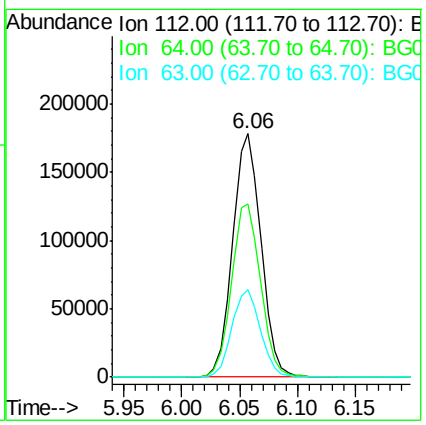


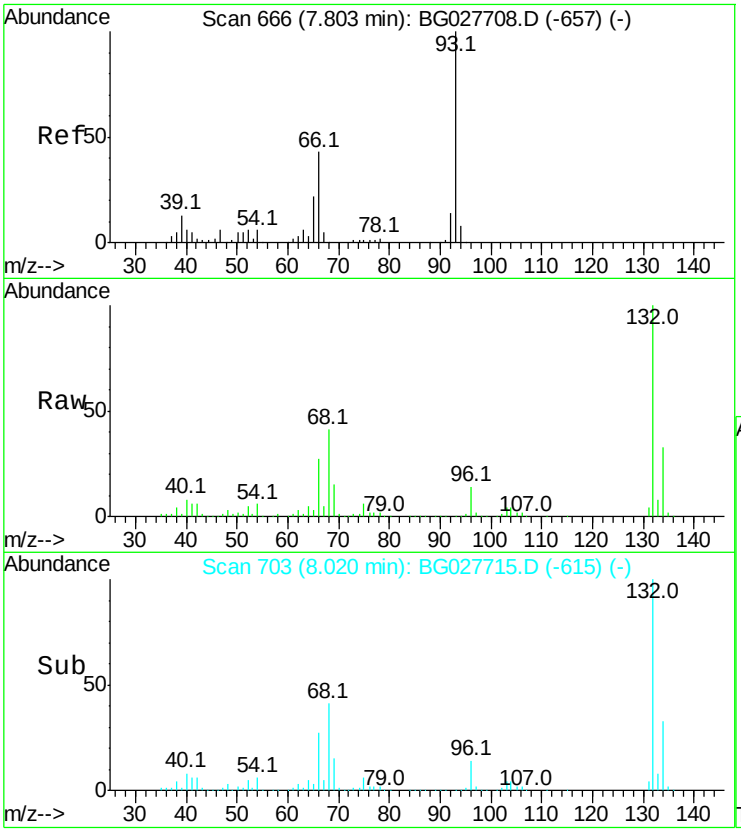


#5
2-Fluorophenol
Concen: 162.50 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion:112 Resp: 303495

Ion	Ratio	Lower	Upper
112	100		
64	71.3	61.8	92.6
63	36.1	37.2	55.8#



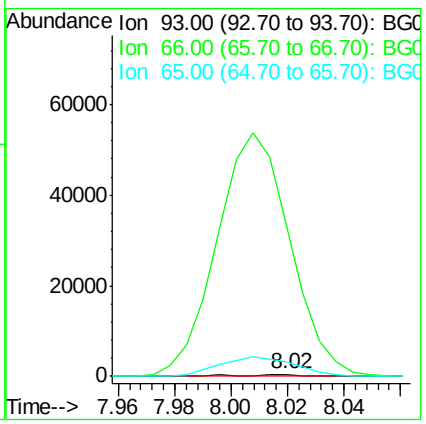


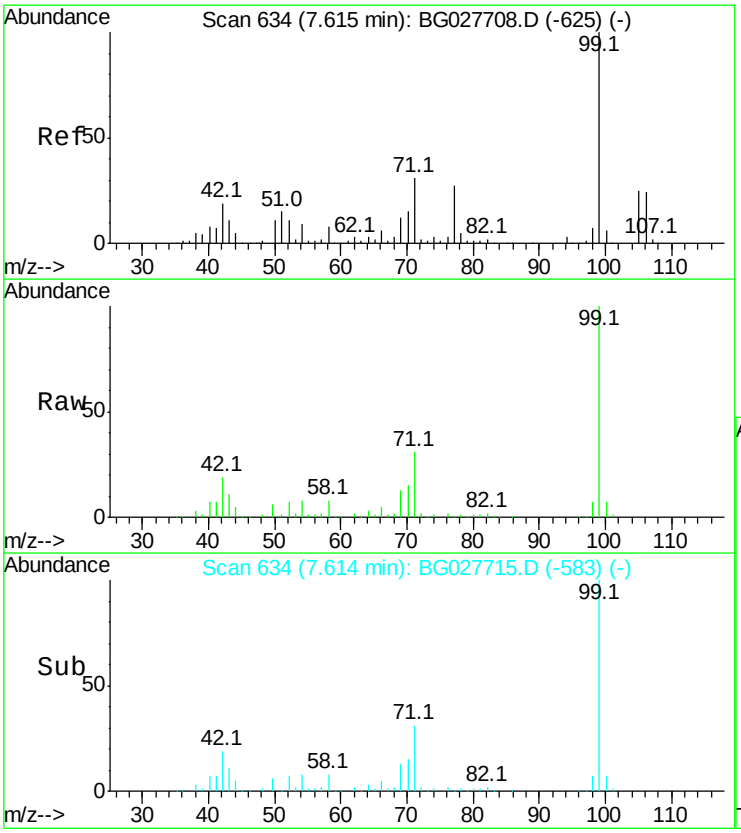
#6
Aniline
Concen: 0.15 ng
RT: 8.02 min Scan# 703
Delta R.T. 0.22 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 506

Ion	Ratio	Lower	Upper
93	100		
66	9052.2	35.4	53.2#
65	896.2	21.2	31.8#

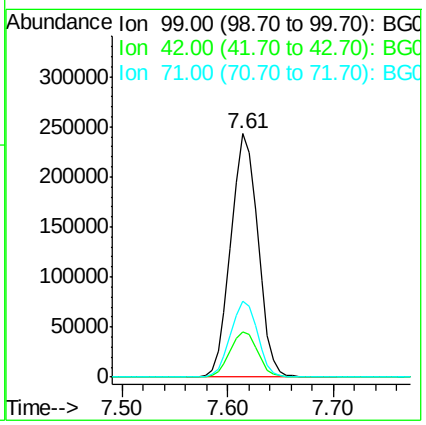


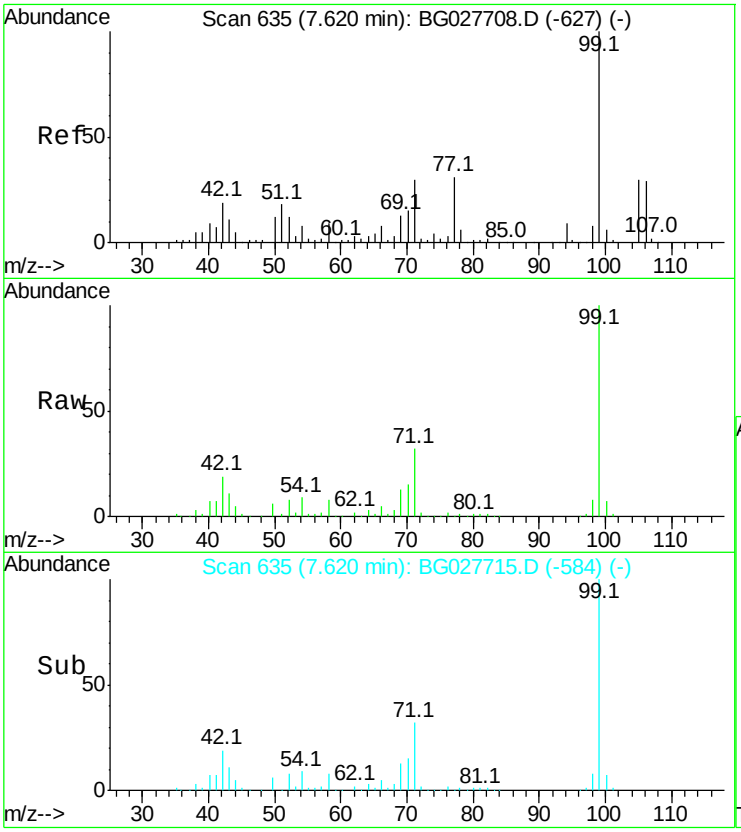


#7
Phenol-d6
Concen: 151.46 ng
RT: 7.61 min Scan# 634
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion: 99 Resp: 432149

Ion	Ratio	Lower	Upper
99	100		
42	18.7	20.5	30.7#
71	31.0	37.6	56.4#



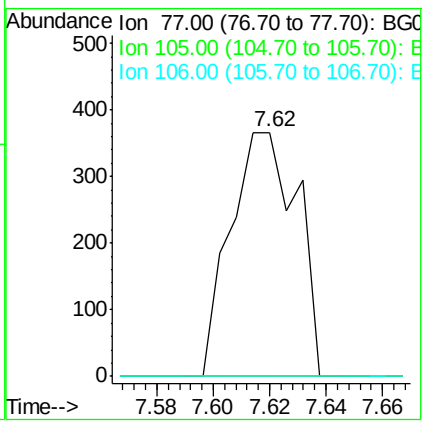


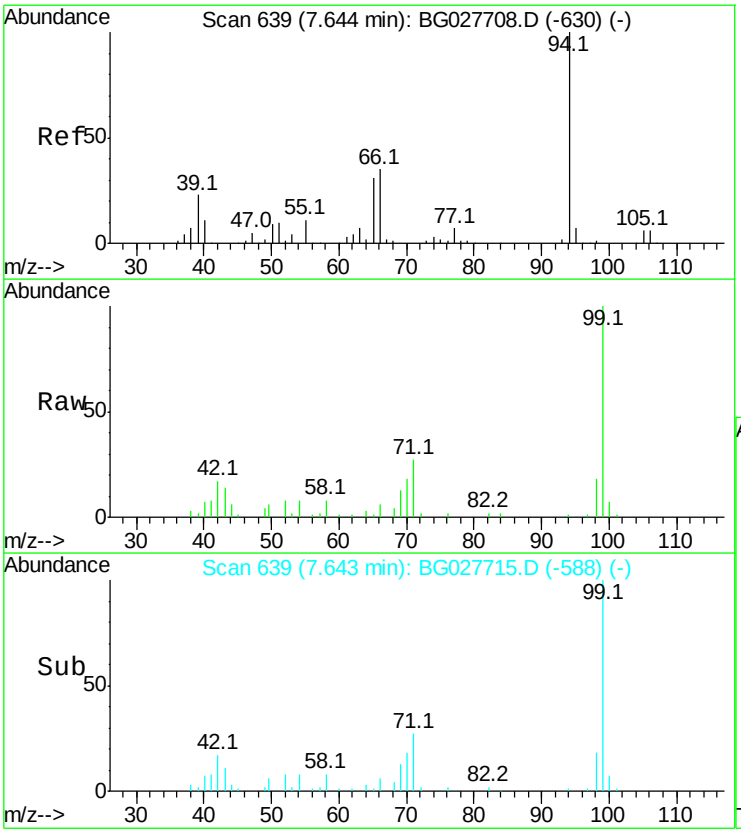
#9
Benzaldehyde
Concen: 0.35 ng
RT: 7.62 min Scan# 635
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 598

Ion	Ratio	Lower	Upper
77	100		
105	0.0	60.9	100.9#
106	0.0	55.1	95.1#

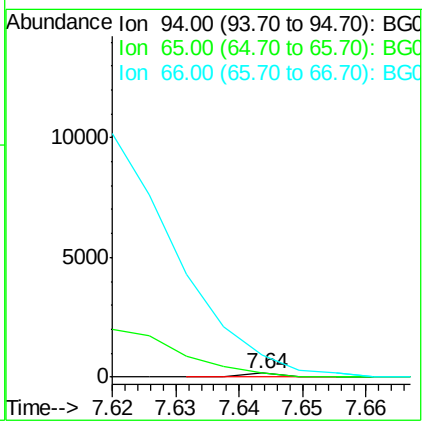


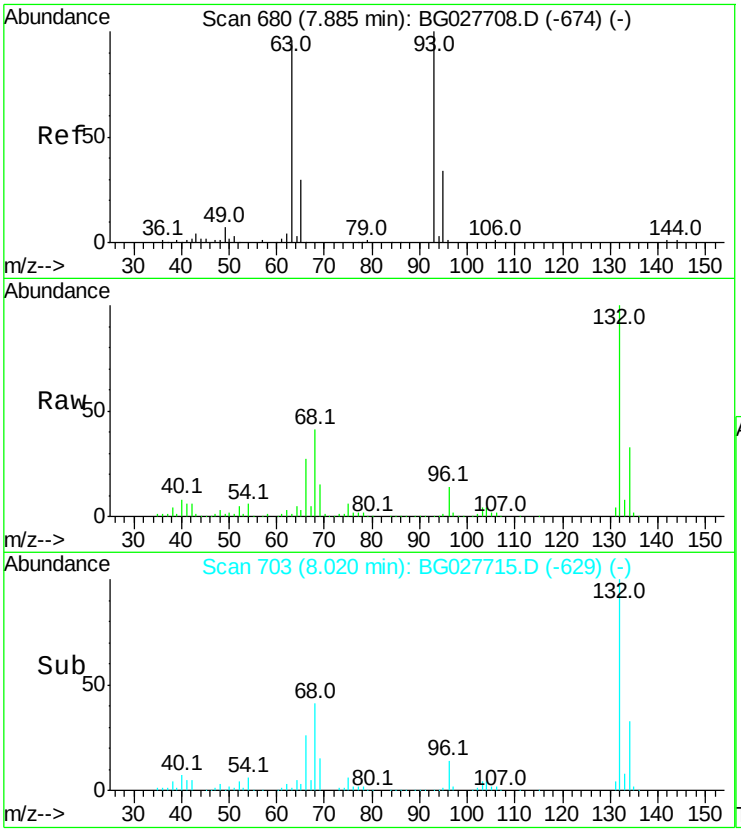


#10
Phenol
Concen: 0.02 ng
RT: 7.64 min Scan# 639
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion: 94 Resp: 62

Ion	Ratio	Lower	Upper
94	100		
65	110.3	20.6	60.6#
66	520.0	35.5	75.5#



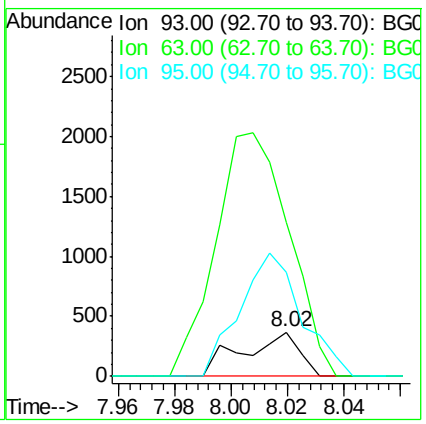


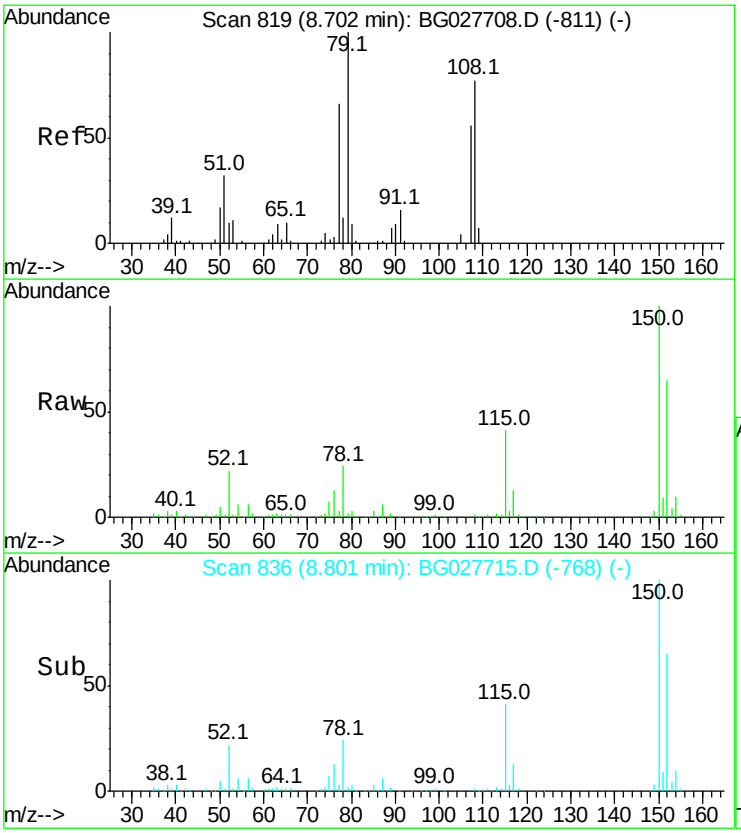
#11
bis(2-Chloroethyl)ether
Concen: 0.24 ng
RT: 8.02 min Scan# 703
Delta R.T. 0.13 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 506

Ion	Ratio	Lower	Upper
93	100		
63	350.0	78.5	118.5#
95	235.3	9.8	49.8#

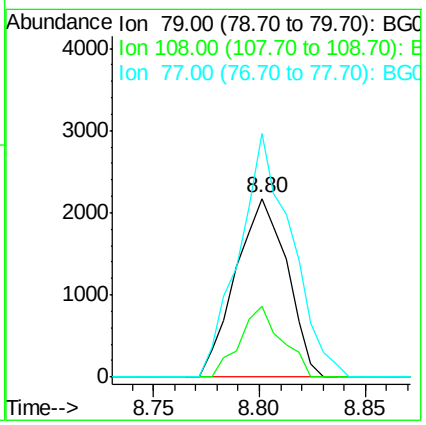


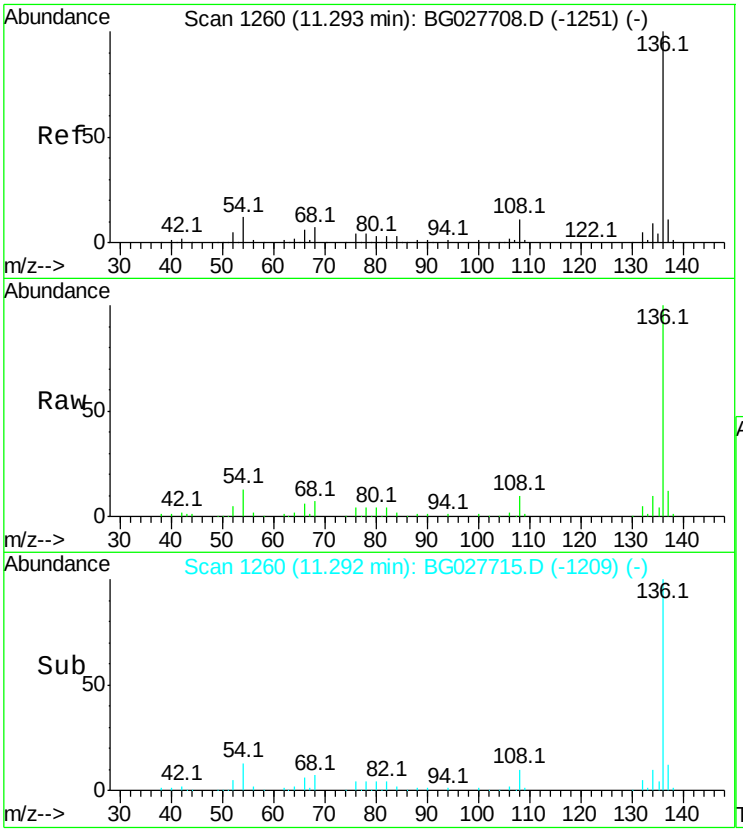


#15
Benzyl Alcohol
Concen: 1.86 ng
RT: 8.80 min Scan# 836
Delta R.T. 0.10 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion: 79 Resp: 3673

Ion	Ratio	Lower	Upper
79	100		
108	39.7	45.5	68.3#
77	136.2	54.3	81.5#



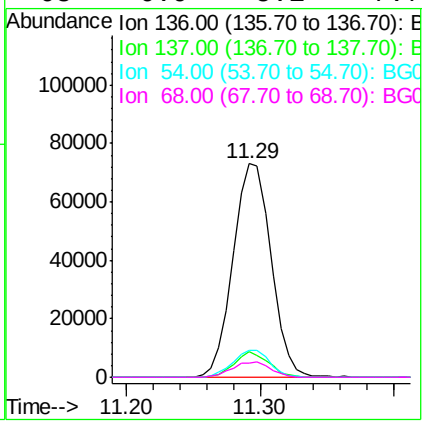


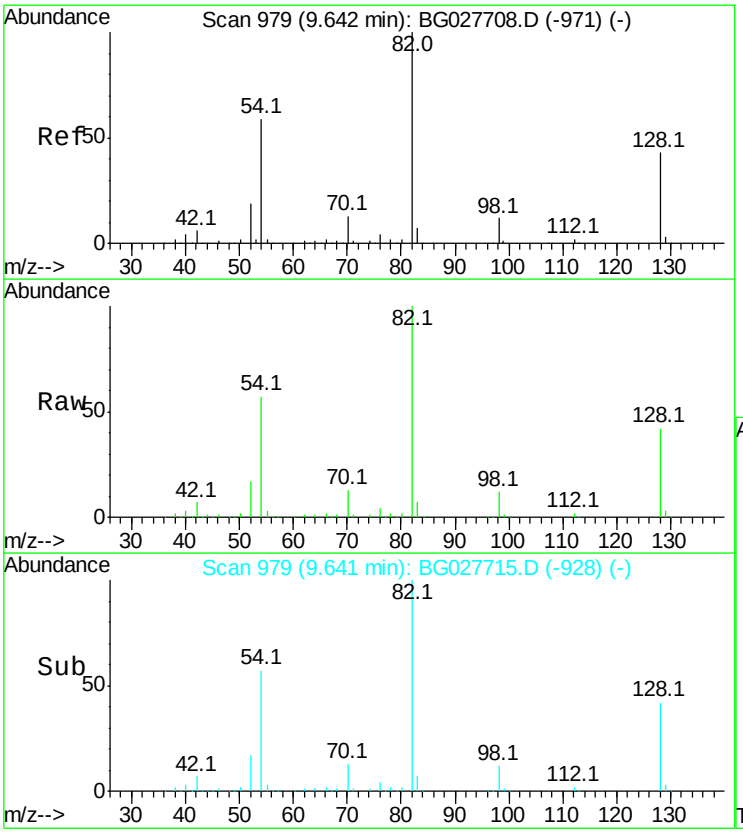
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.29 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 144154

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	12.6	9.3	13.9
68	6.9	5.1	7.7

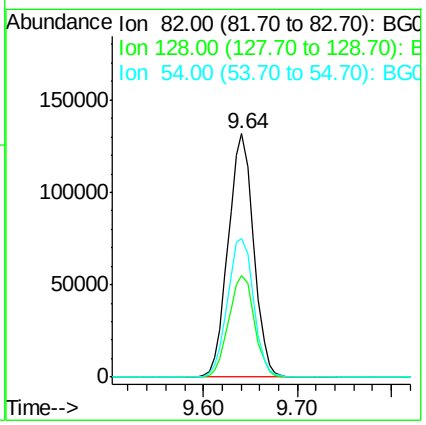


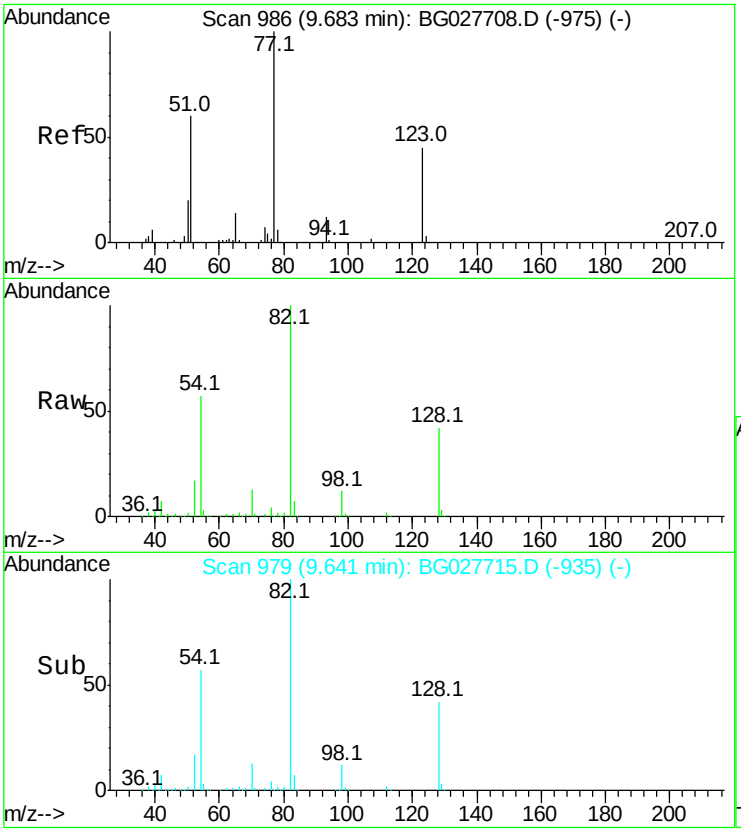


#23
Nitrobenzene-d5
Concen: 95.67 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion: 82 Resp: 247417

Ion	Ratio	Lower	Upper
82	100		
128	41.6	26.4	39.6#
54	56.9	49.4	74.2



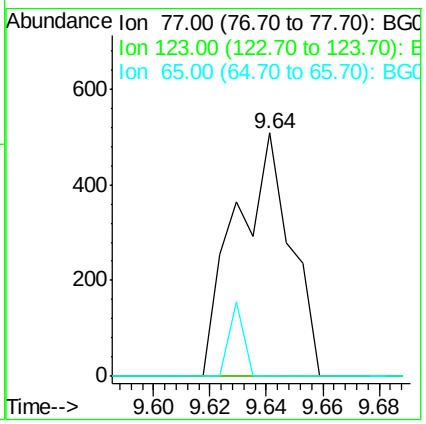


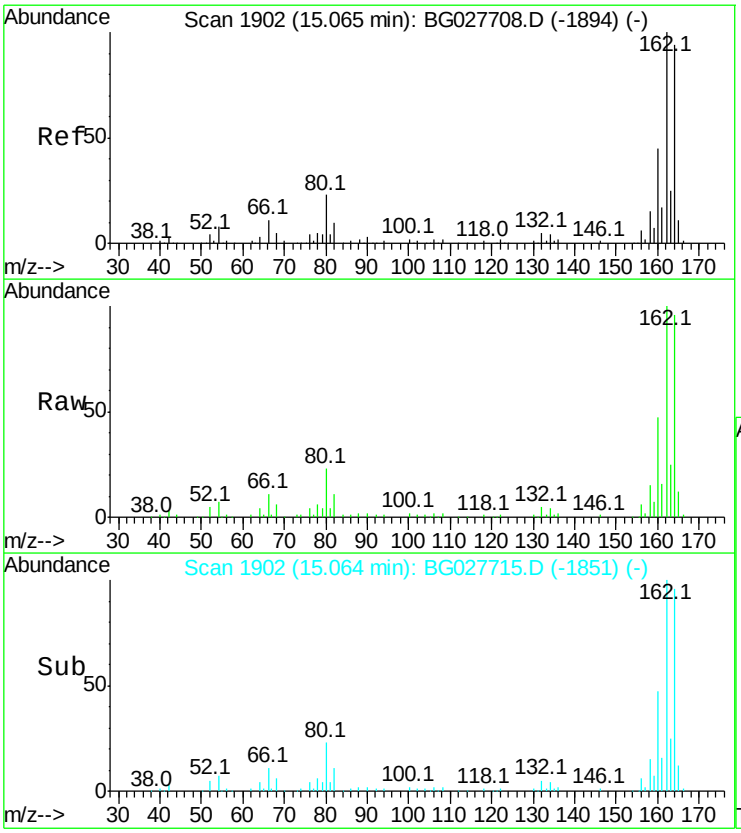
#24
Nitrobenzene
Concen: 0.25 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.04 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 681

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	0.0	12.4	18.6#

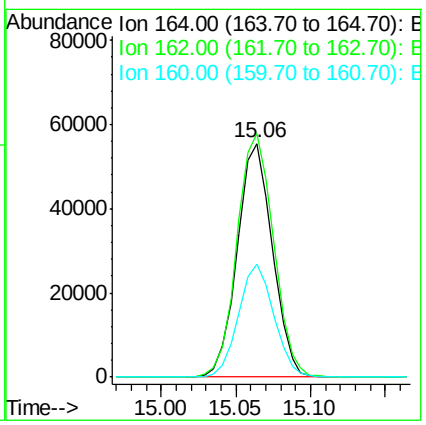


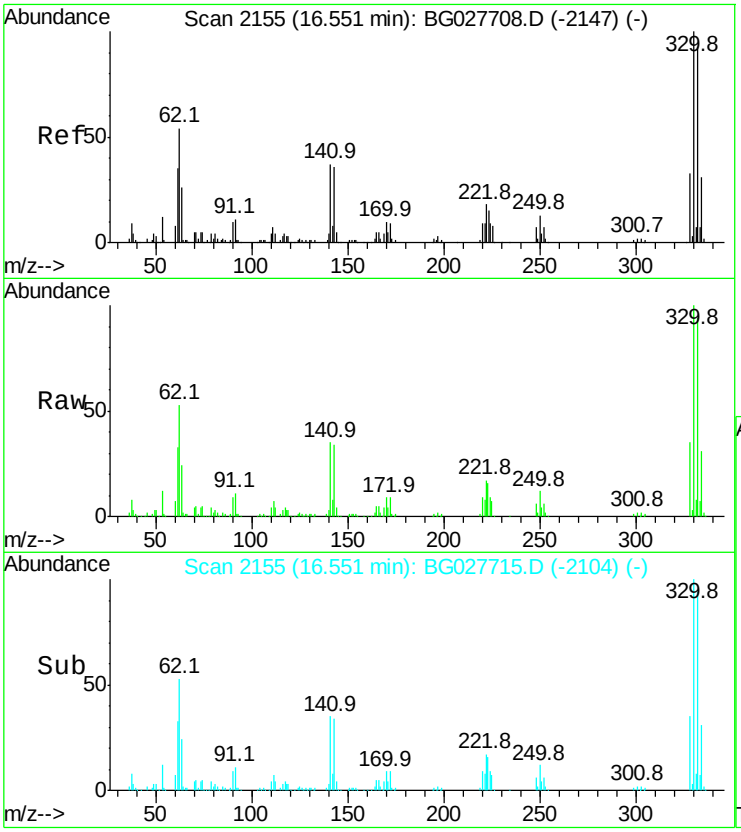


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion:164 Resp: 90278

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	48.6	34.7	52.1



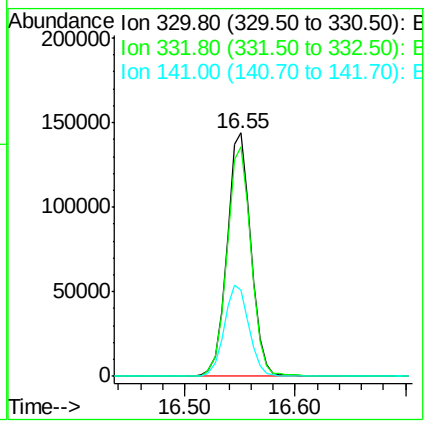


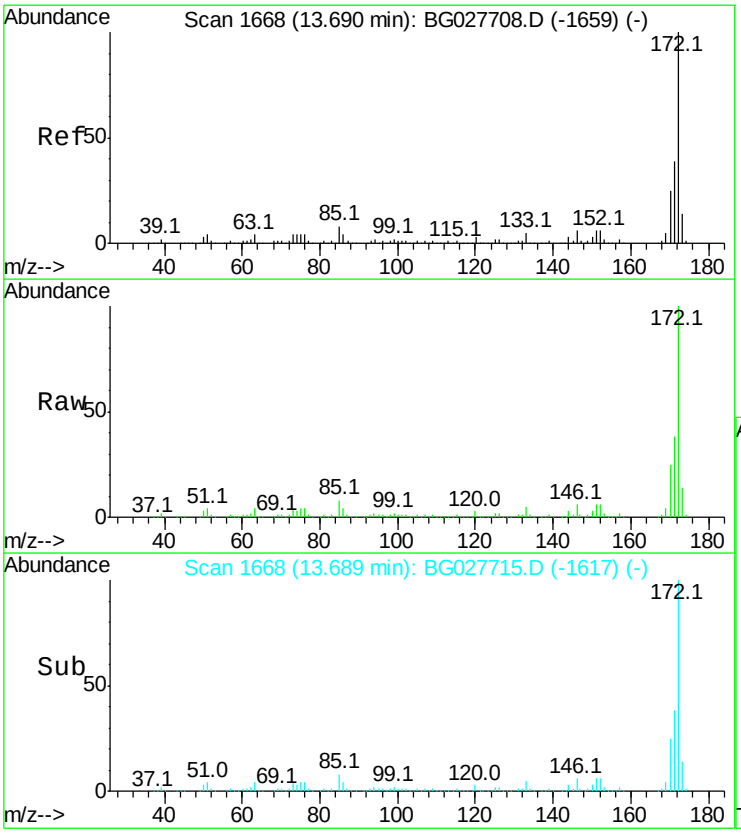
#41
2,4,6-Tribromophenol
Concen: 175.79 ng
RT: 16.55 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 217668

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	39.0	32.1	48.1

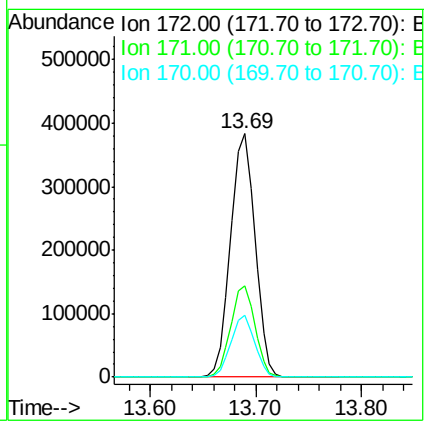


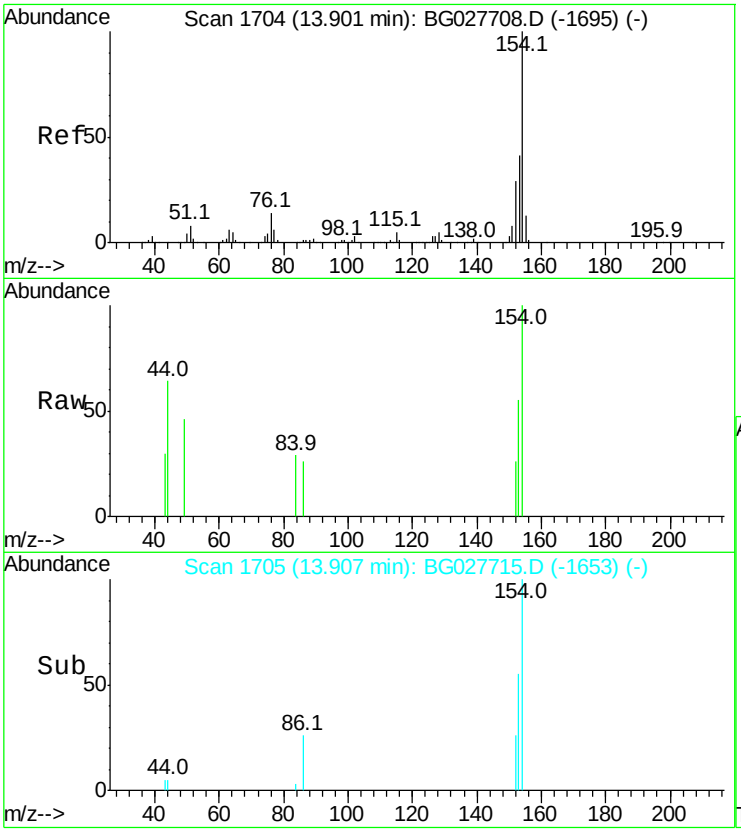


#44
2-Fluorobiphenyl
Concen: 97.42 ng
RT: 13.69 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion:172 Resp: 615801

Ion	Ratio	Lower	Upper
172	100		
171	37.6	32.2	48.2
170	25.2	21.8	32.6



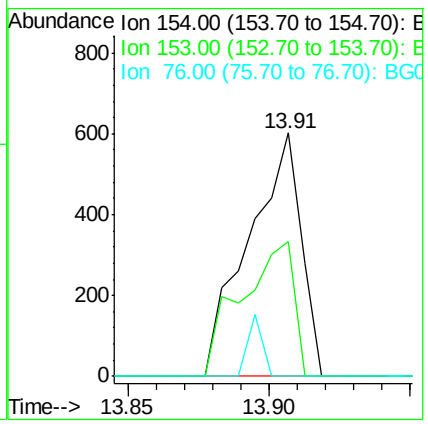


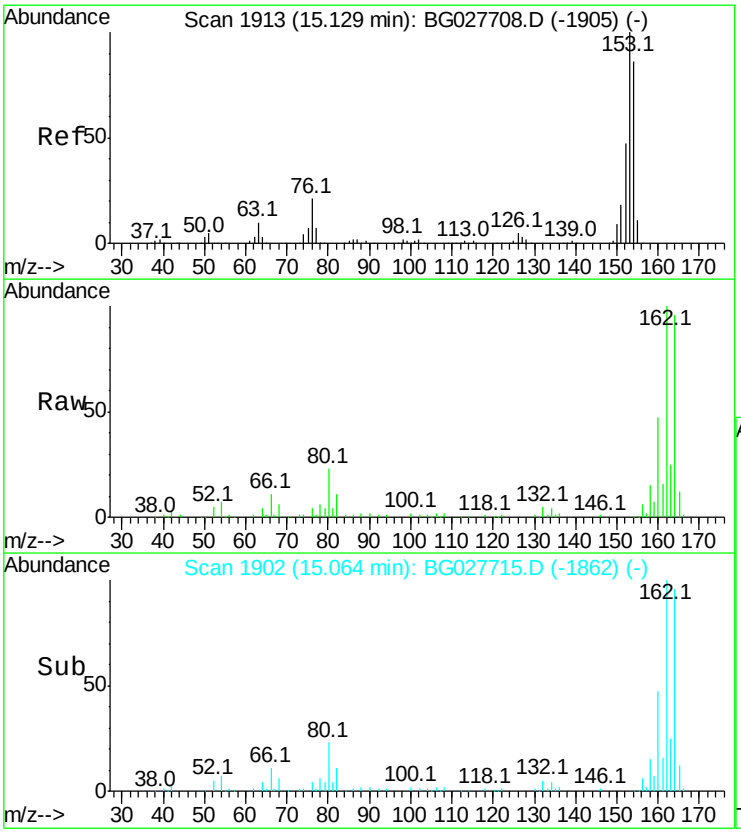
#45
1,1'-Biphenyl
Concen: 0.11 ng
RT: 13.91 min Scan# 1705
Delta R.T. 0.01 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 773

Ion	Ratio	Lower	Upper
154	100		
153	55.5	23.0	63.0
76	0.0	0.0	33.5

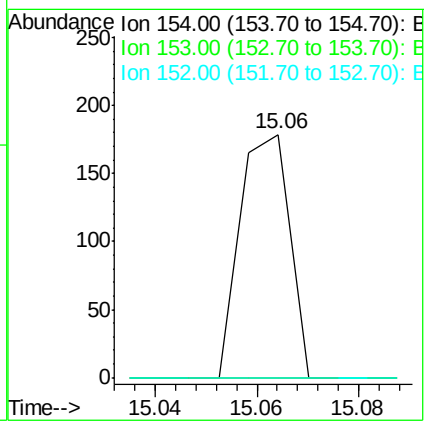


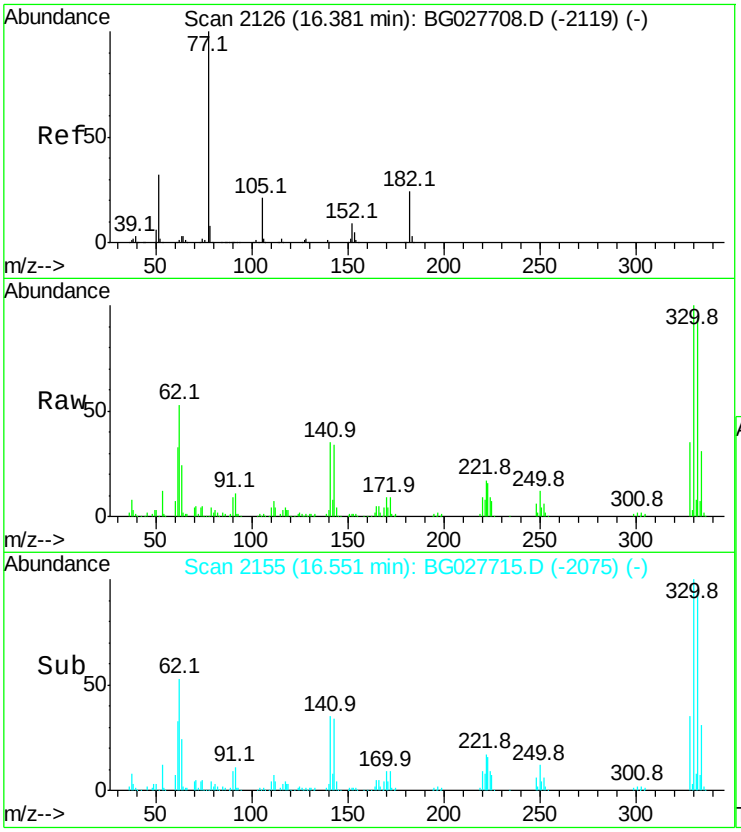


#51
Acenaphthene
Concen: 0.02 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.07 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion:154 Resp: 121

Ion	Ratio	Lower	Upper
154	100		
153	0.0	87.8	131.6#
152	0.0	42.2	63.4#



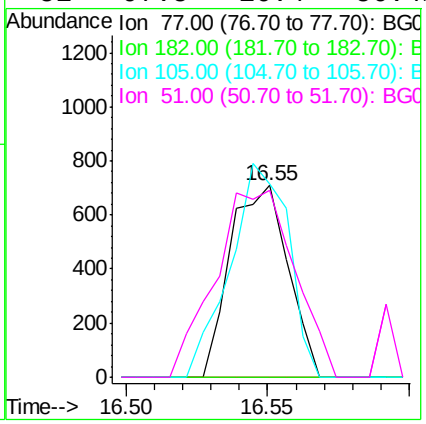


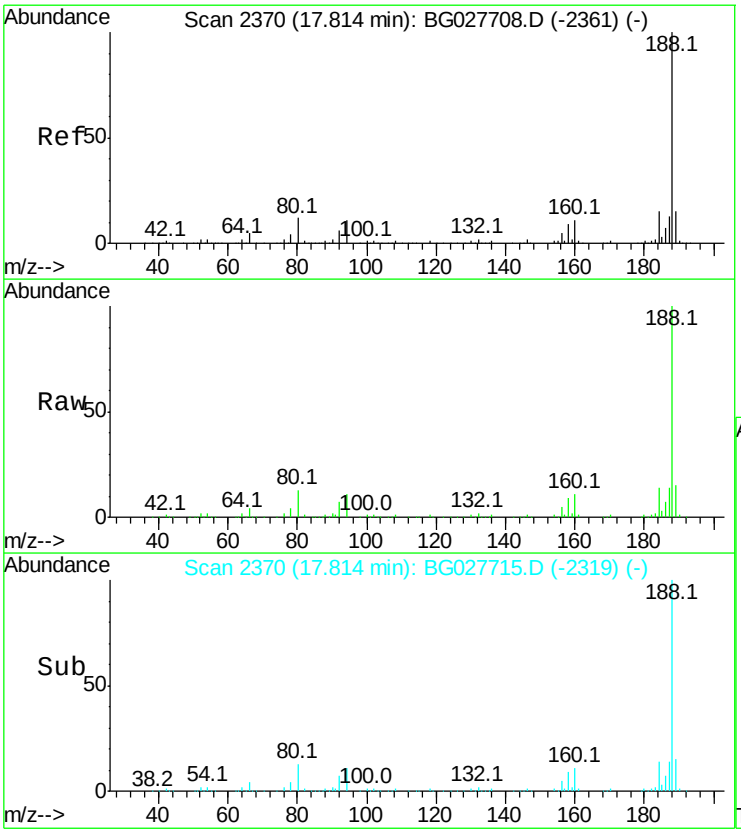
#62
Azobenzene
Concen: 0.13 ng
RT: 16.55 min Scan# 2155
Delta R.T. 0.17 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 1006

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	101.0	0.0	36.3#
51	97.5	16.4	56.4#

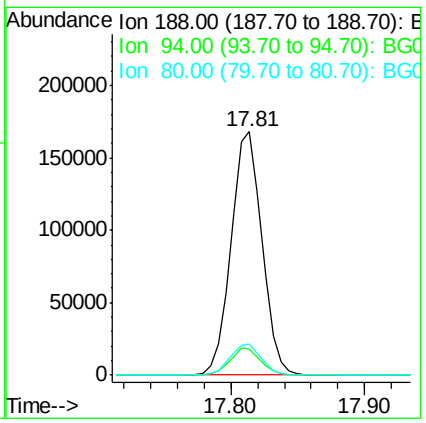


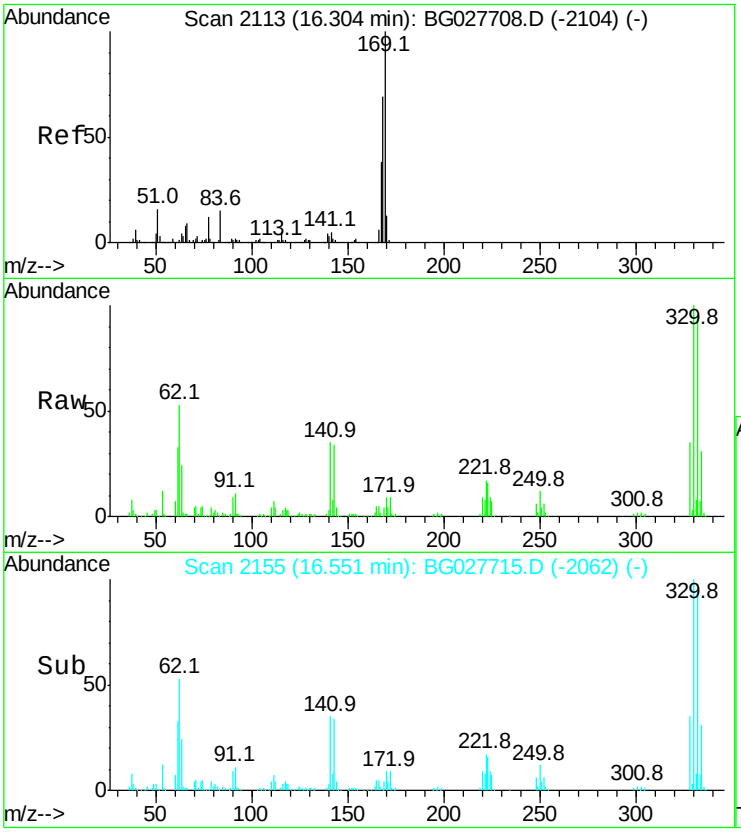


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion:188 Resp: 269867

Ion	Ratio	Lower	Upper
188	100		
94	10.9	5.8	8.8#
80	12.6	7.5	11.3#



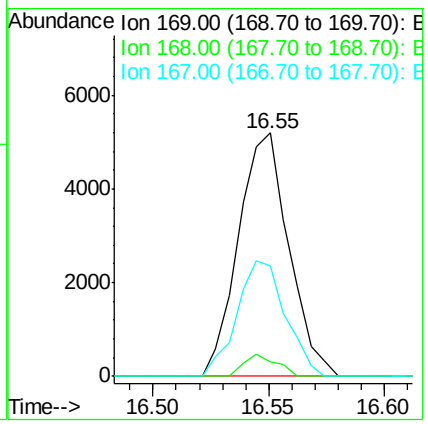


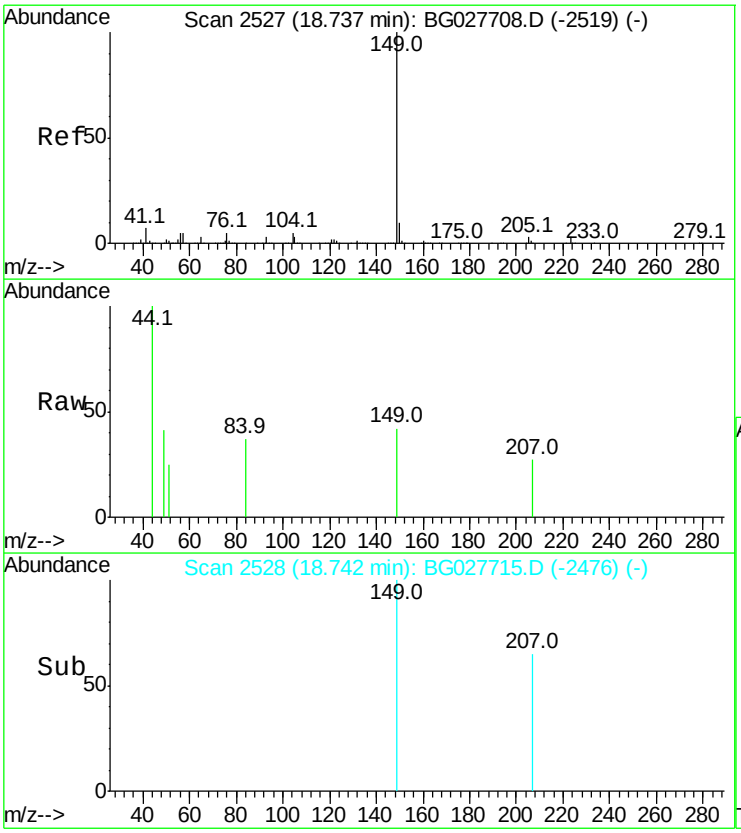
#65
n-Nitrosodiphenylamine
Concen: 0.90 ng
RT: 16.55 min Scan# 2155
Delta R.T. 0.25 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 7889

Ion	Ratio	Lower	Upper
169	100		
168	6.0	55.7	83.5#
167	45.2	29.8	44.6#

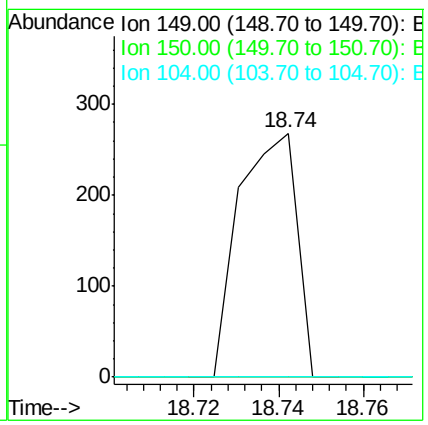


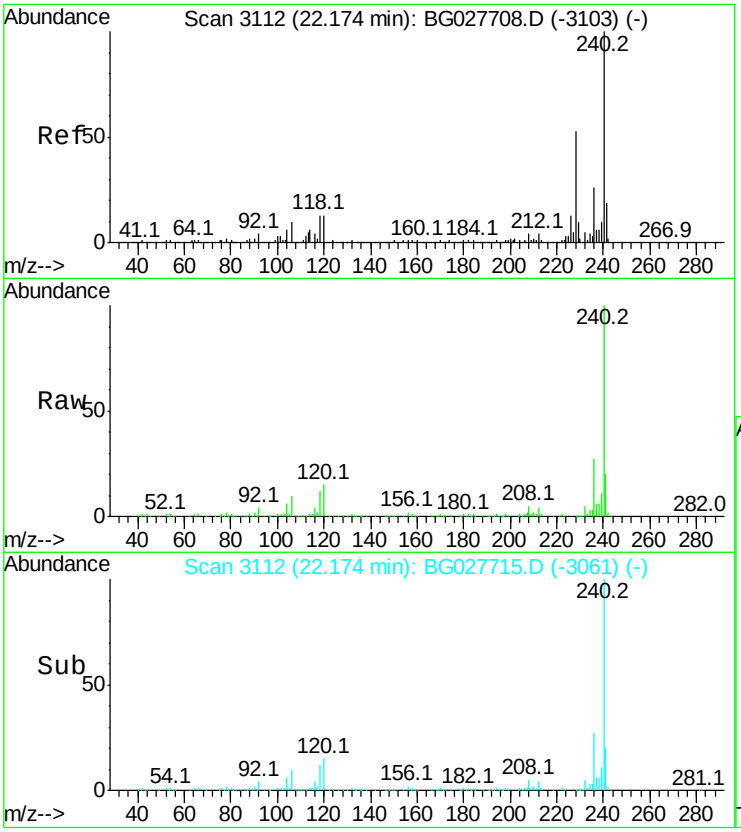


#73
Di-n-butylphthalate
Concen: 0.01 ng
RT: 18.74 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion:149 Resp: 255

Ion	Ratio	Lower	Upper
149	100		
150	0.0	9.1	13.7#
104	0.0	6.7	10.1#



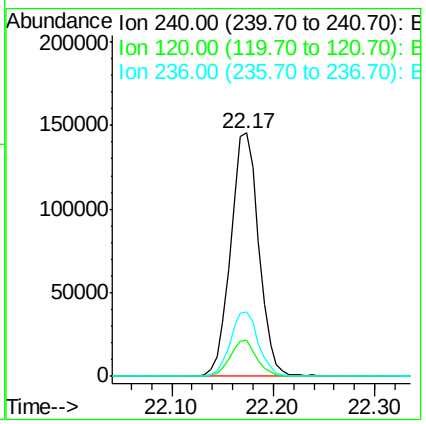


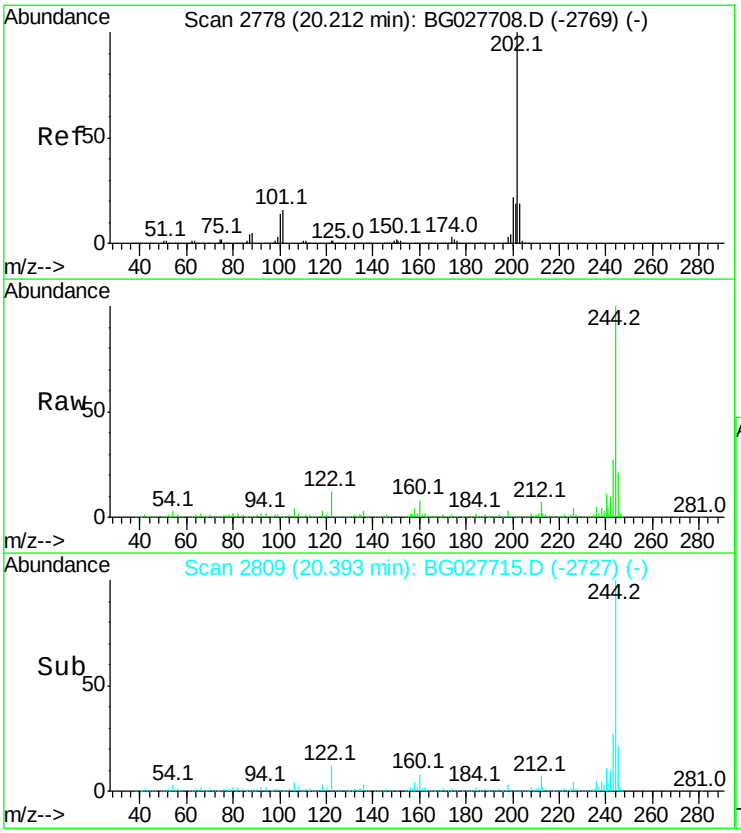
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 279999

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.7	8.5#
236	26.6	22.2	33.4

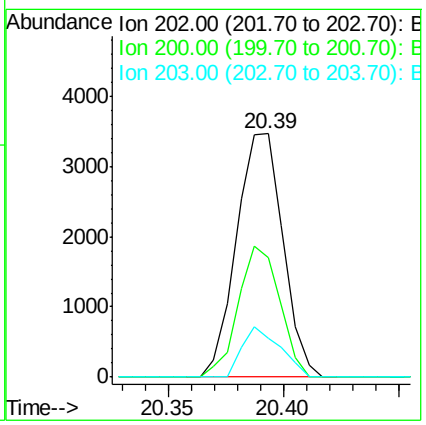


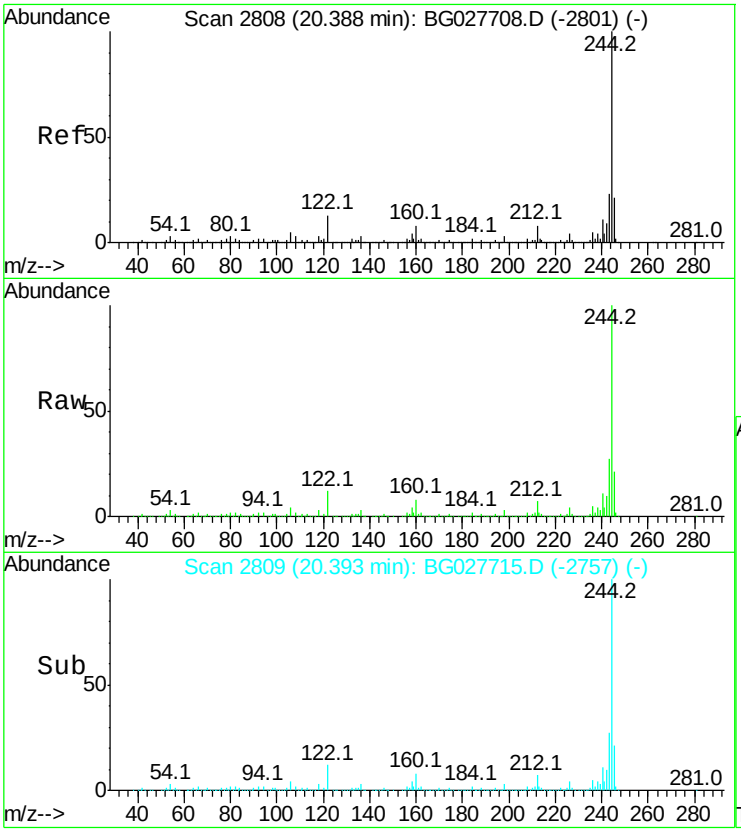


#77
Pyrene
Concen: 0.28 ng
RT: 20.39 min Scan# 2809
Delta R.T. 0.18 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion:202 Resp: 4861

Ion	Ratio	Lower	Upper
202	100		
200	49.2	19.6	29.4#
203	16.0	15.8	23.8



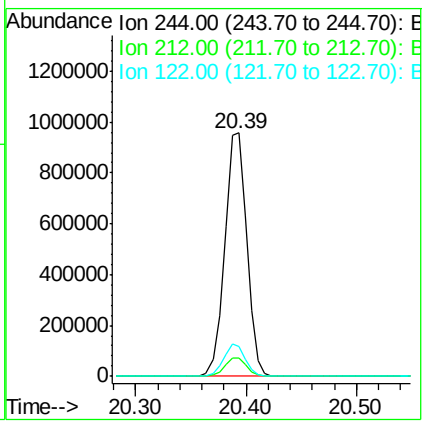


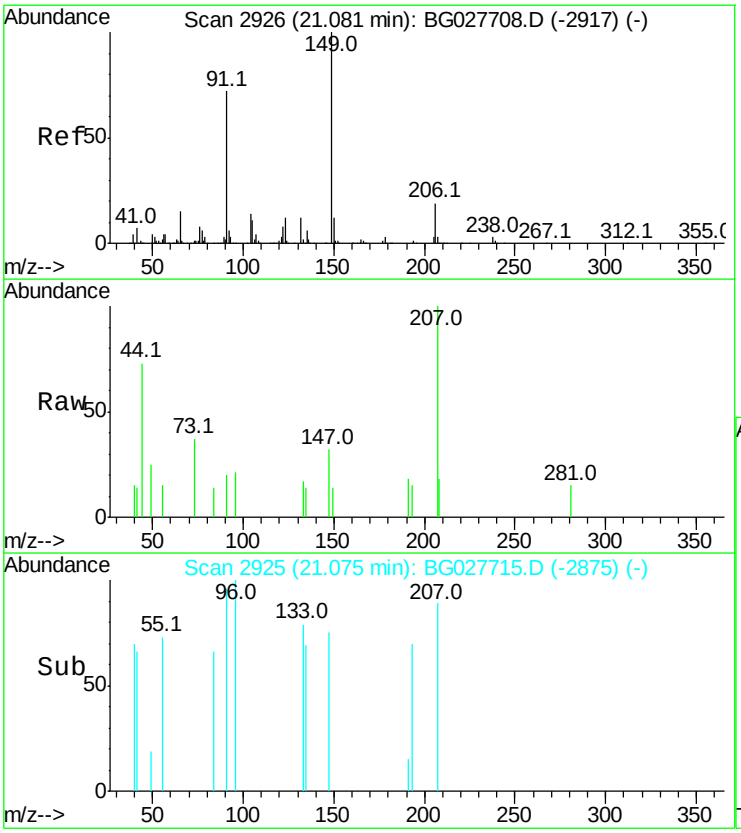
#78
Terphenyl-d14
Concen: 111.88 ng
RT: 20.39 min Scan# 2809
Delta R.T. 0.01 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1336267

Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	12.4	8.6	12.8

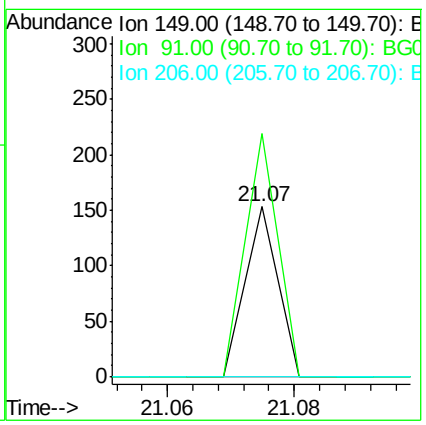


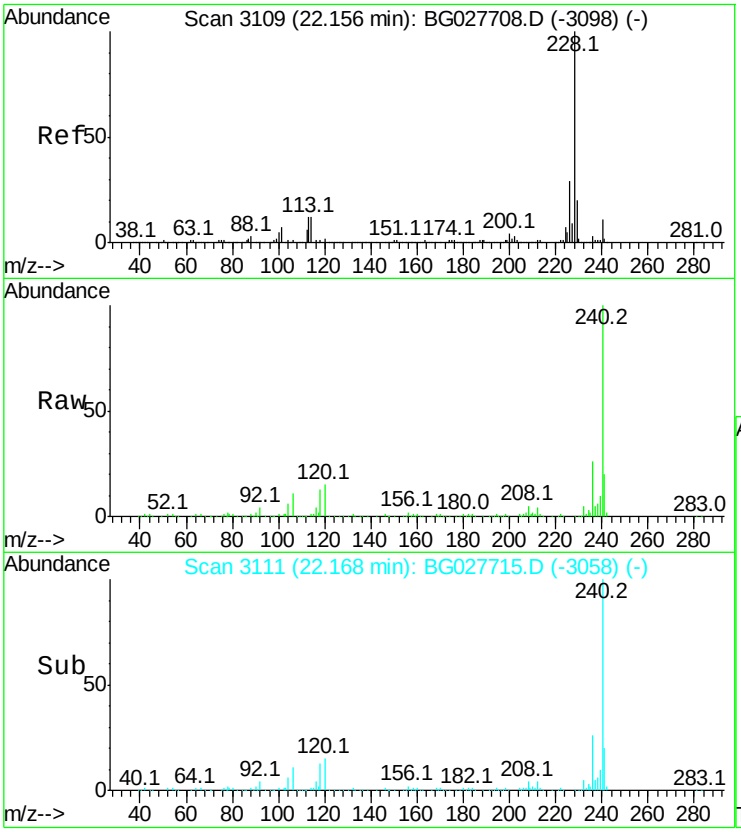


#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 21.07 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion:149 Resp: 54

Ion	Ratio	Lower	Upper
149	100		
91	143.1	63.5	95.3#
206	0.0	21.0	31.6#



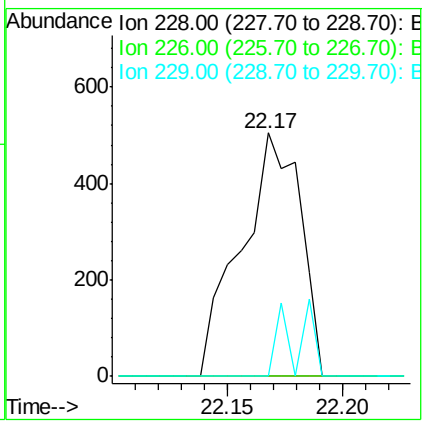


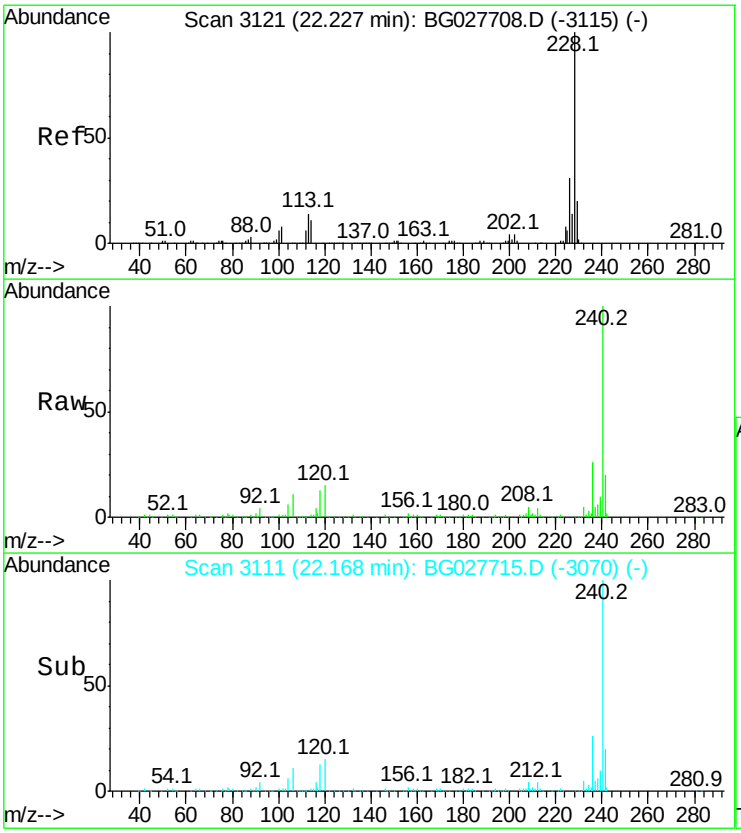
#80
Benzo(a)anthracene
Concen: 0.05 ng
RT: 22.17 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 898

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	18.2	27.2#

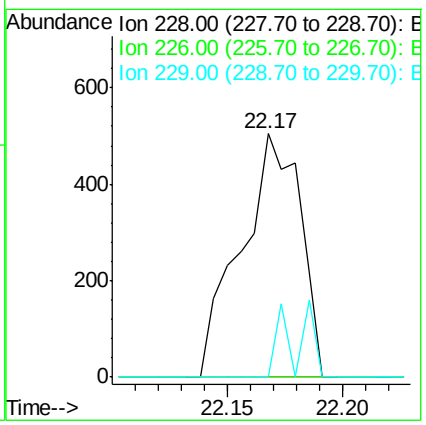


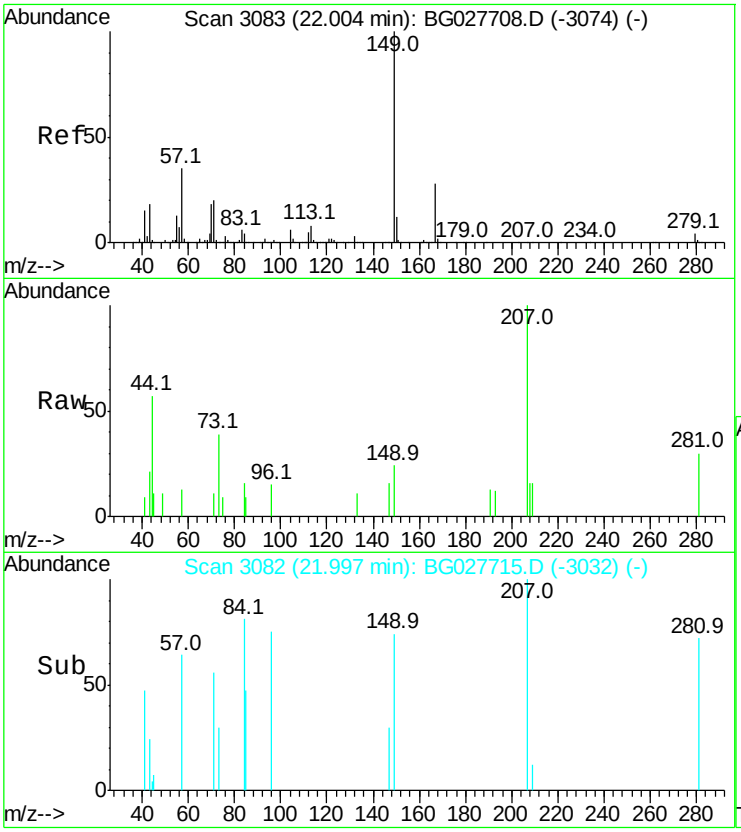


#82
Chrysene
Concen: 0.06 ng
RT: 22.17 min Scan# 3111
Delta R.T. -0.06 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion:228 Resp: 898

Ion	Ratio	Lower	Upper
228	100		
226	0.0	27.0	40.4#
229	0.0	17.8	26.6#



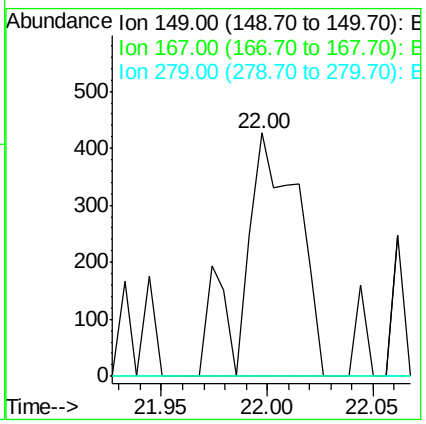


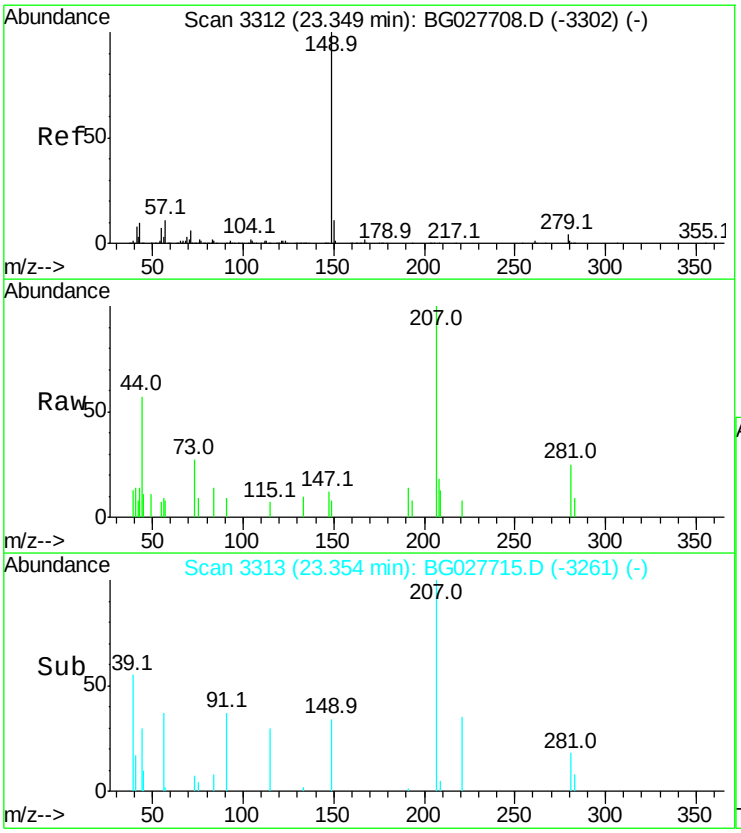
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 22.00 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 778

Ion	Ratio	Lower	Upper
149	100		
167	0.0	23.7	35.5#
279	0.0	4.6	6.8#

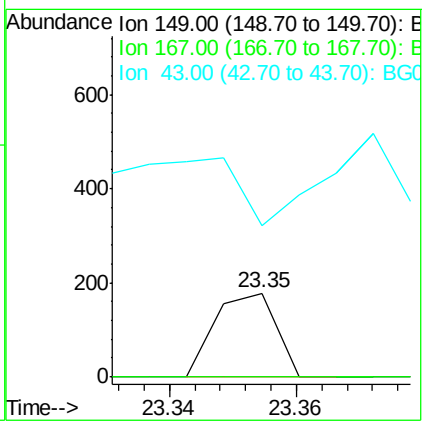


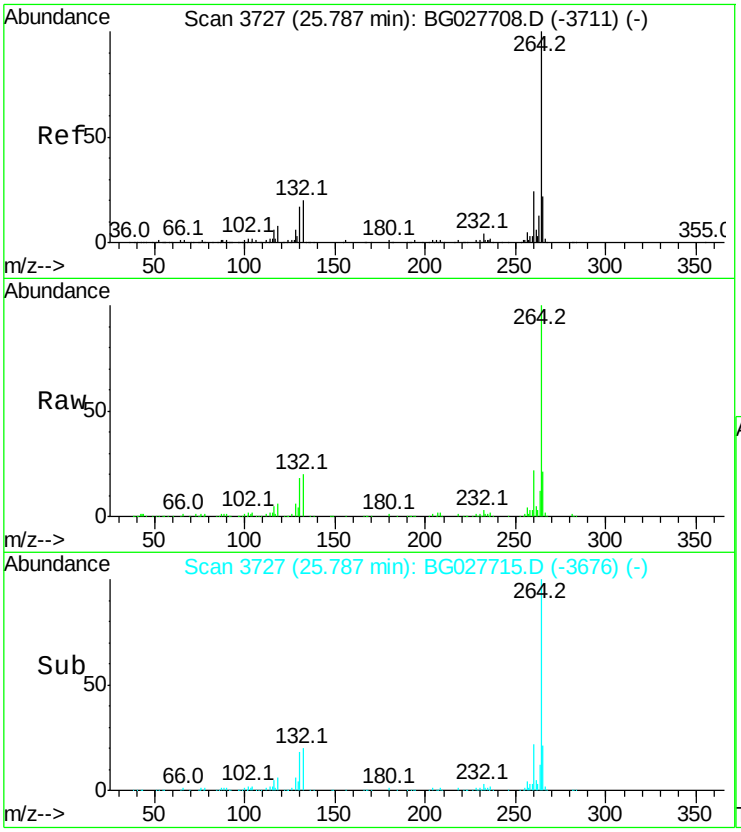


#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 23.35 min Scan# 3313
Delta R.T. 0.01 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion:149 Resp: 117

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	261.5	11.8	17.6#



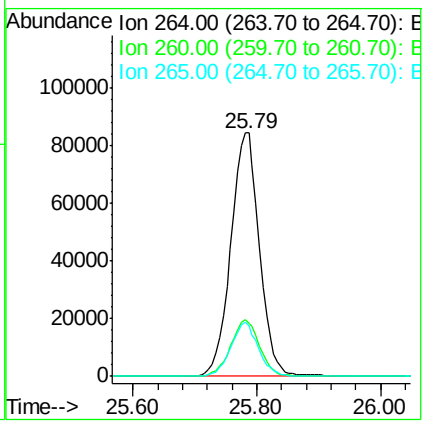


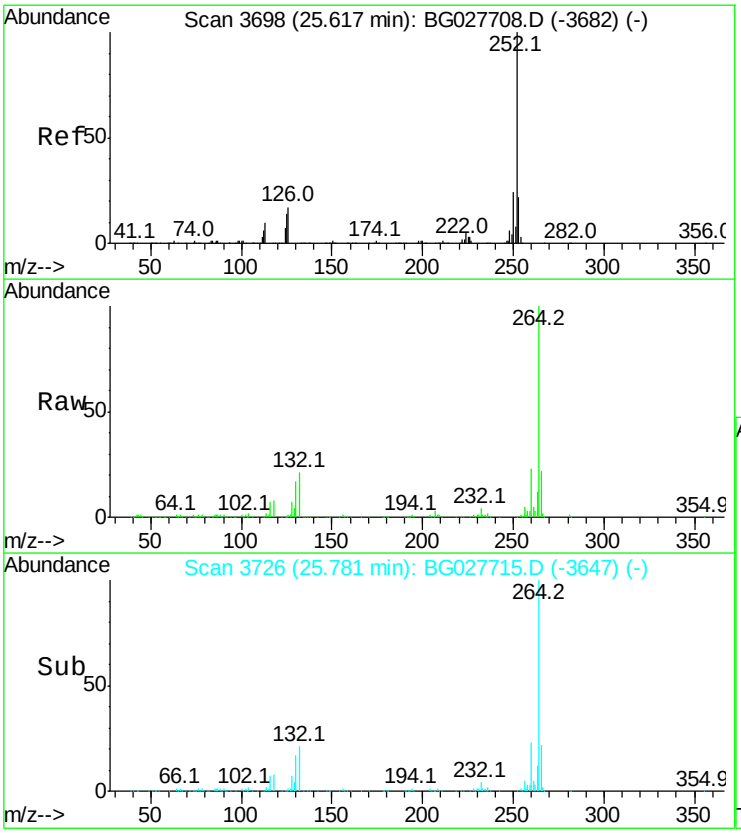
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.79 min Scan# 3727
Delta R.T. -0.00 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 272020

Ion	Ratio	Lower	Upper
264	100		
260	21.8	21.8	32.8#
265	20.6	18.2	27.4





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 25.78 min Scan# 3726
Delta R.T. 0.16 min
Lab File: BG027715.D
Acq: 28 Jun 2017 18:50

Tgt Ion:252 Resp: 754

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.2	28.8#
125	91.3	5.4	8.0#