Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
Data File : BG027576.D
Acq On : 22 Jun 2017 1:22
Operator : SJ/JU
Sample : PB99940TB
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 22 02:31:59 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.51	152	22350	20.00	ng	0.00
21) Naphthalene-d8	11.32	136	97476	20.00	ng	0.00
38) Acenaphthene-d10	15.09	164	61485	20.00	ng	0.00
63) Phenanthrene-d10	17.84	188	186177	20.00	ng	0.00
75) Chrysene-d12	22.21	240	213472	20.00	ng	0.00
86) Perylene-d12	25.84	264	198601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.09	112	205392	130.79	ng	0.00
7) Phenol-d6	7.64	99	279179	120.09	ng	0.00
23) Nitrobenzene-d5	9.67	82	175696	85.29	ng	0.00
41) 2,4,6-Tribromophenol	16.57	330	133867	146.04	ng	0.00
44) 2-Fluorobiphenyl	13.71	172	378398	84.07	ng	0.00
78) Terphenyl-d14	20.42	244	850470	93.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.98	88	57	0.09	ng	# 1
4) n-Nitrosodimethylamine	4.43	42	58	0.06	ng	# 7
6) Aniline	8.04	93	264	0.09	ng	# 1
9) Benzaldehyde	7.65	77	464	0.29	ng	# 10
11) bis(2-Chloroethyl)ether	8.04	93	264	0.14	ng	# 1
15) Benzyl Alcohol	8.83	79	3183	1.71	ng	# 54
24) Nitrobenzene	9.67	77	541	0.24	ng	# 42
45) 1,1'-Biphenyl	13.93	154	503	0.10	ng	# 41
51) Acenaphthene	15.10	154	192	0.04	ng	# 6
62) Azobenzene	16.58	77	958	0.16	ng	# 43
65) n-Nitrosodiphenylamine	16.57	169	5122	0.90	ng	# 46
73) Di-n-butylphthalate	18.76	149	707	0.06	ng	# 73
77) Pyrene	20.42	202	3576	0.28	ng	# 72
79) Butylbenzylphthalate	21.00	149	54	0.01	ng	# 19
80) Benzo(a)anthracene	22.20	228	563	0.04	ng	# 47
82) Chrysene	22.20	228	563	0.05	ng	# 46
83) Bis(2-ethylhexyl)phthalate	22.03	149	468	0.06	ng	# 51
84) Di-n-octyl phthalate	23.38	149	68	0.01	ng	# 68
89) Benzo(a)pyrene	25.84	252	596	0.05	ng	# 58

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

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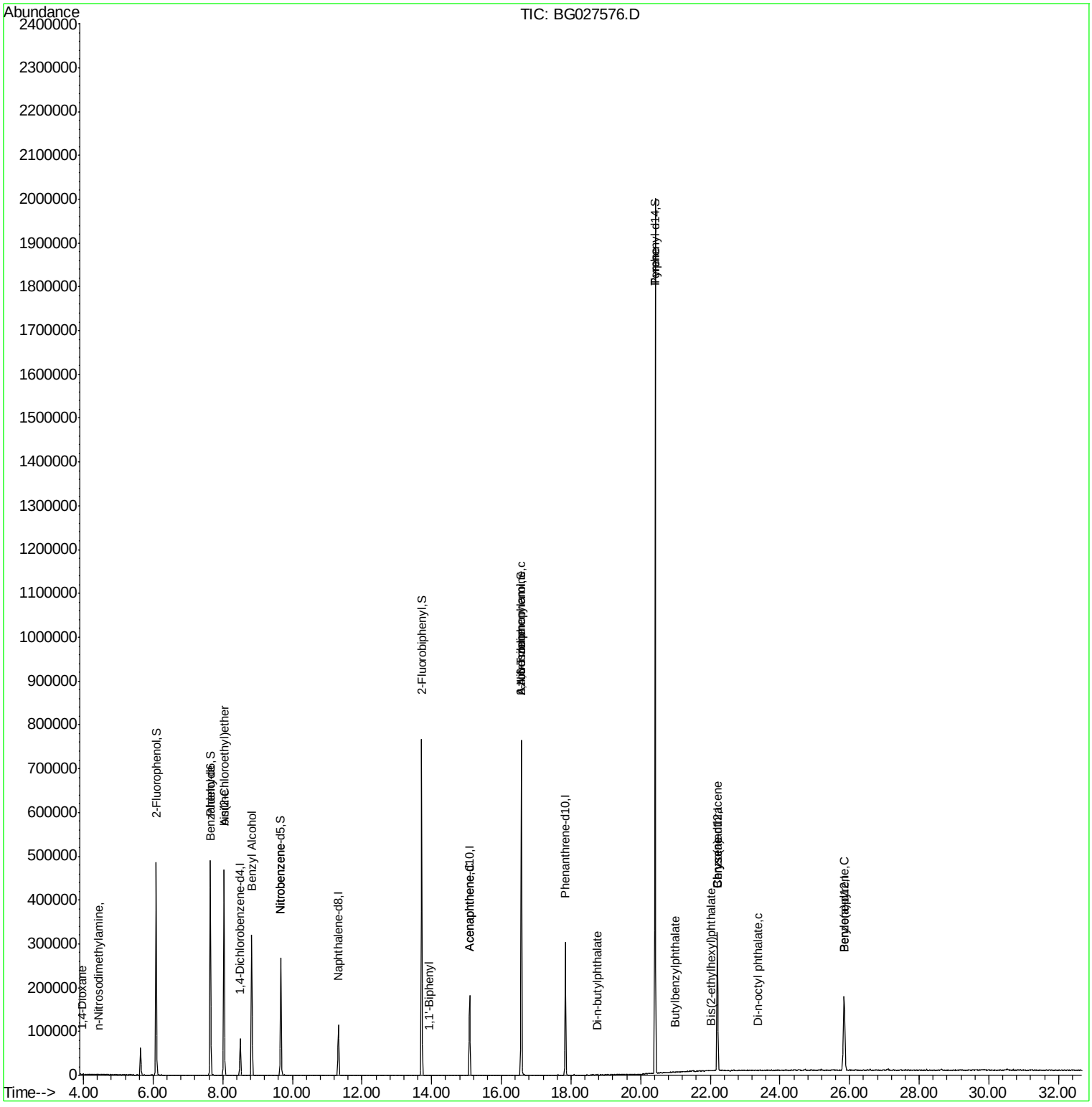
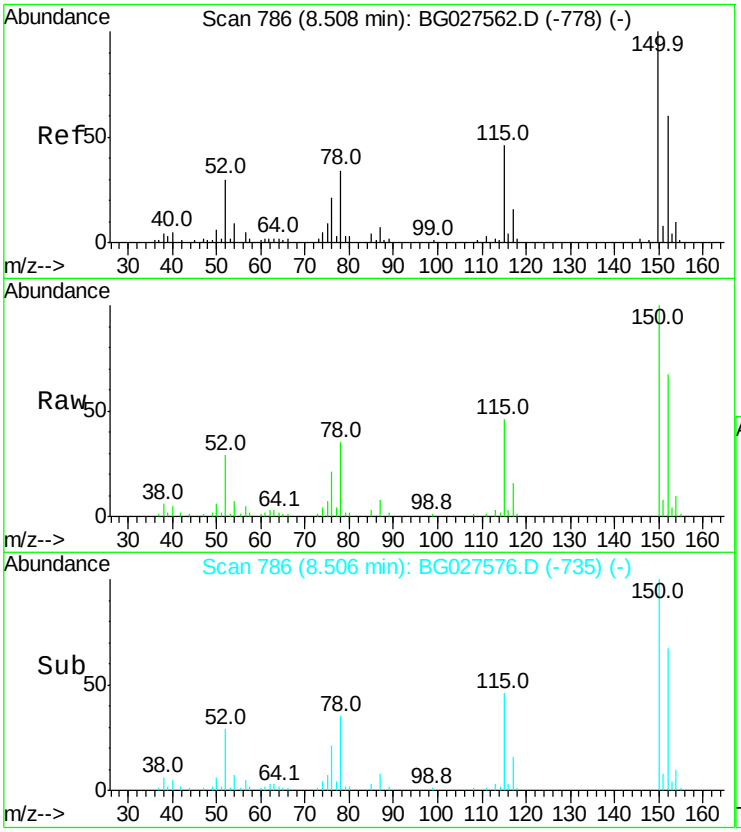


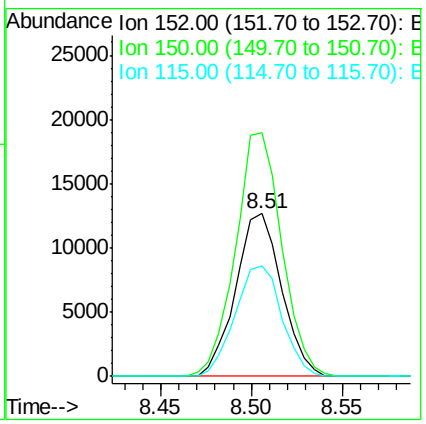


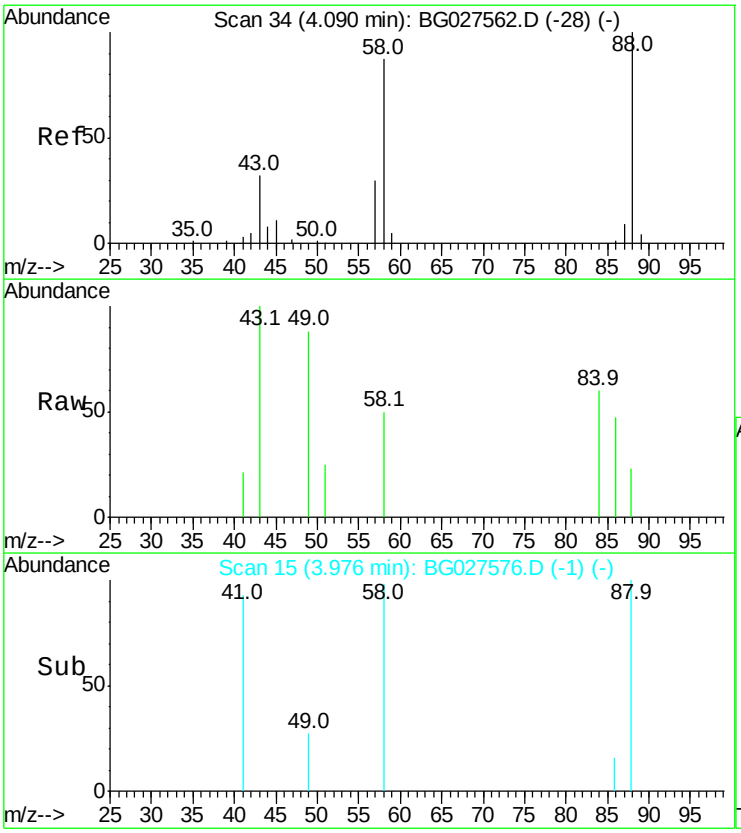
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 22350

Ion	Ratio	Lower	Upper
152	100		
150	149.9	114.0	171.0
115	68.2	48.1	72.1

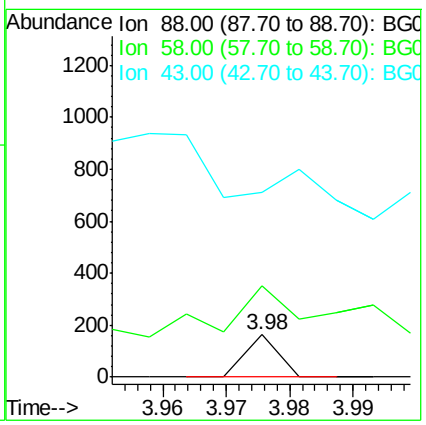


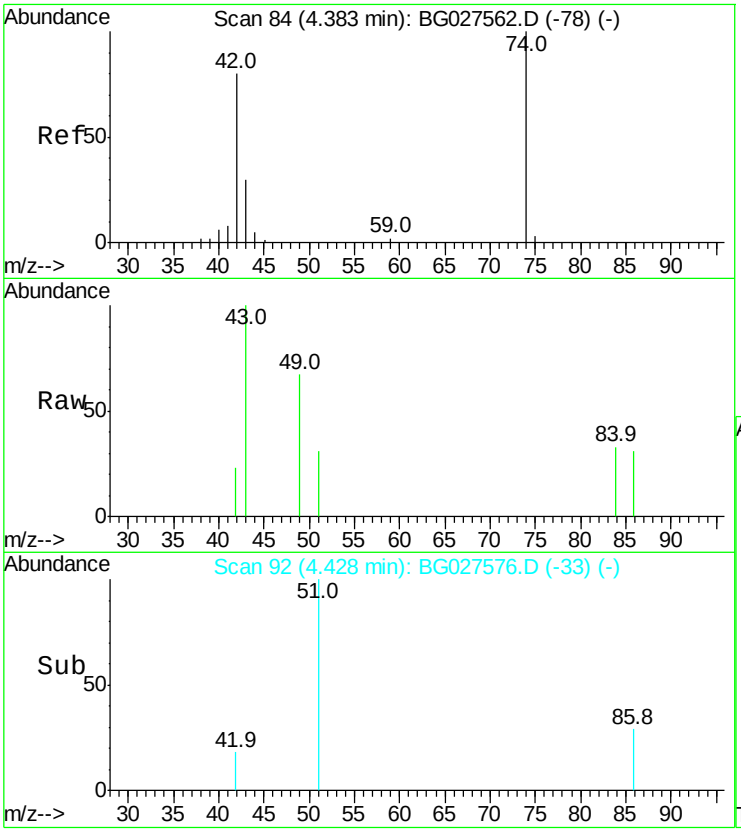


#2
1,4-Dioxane
Concen: 0.09 ng
RT: 3.98 min Scan# 15
Delta R.T. -0.11 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion: 88 Resp: 57

Ion	Ratio	Lower	Upper
88	100		
58	515.8	79.4	119.2#
43	787.7	33.8	50.6#



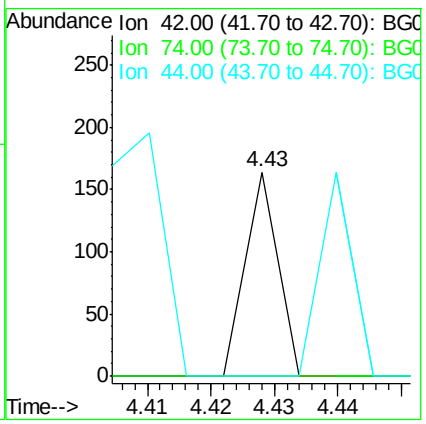


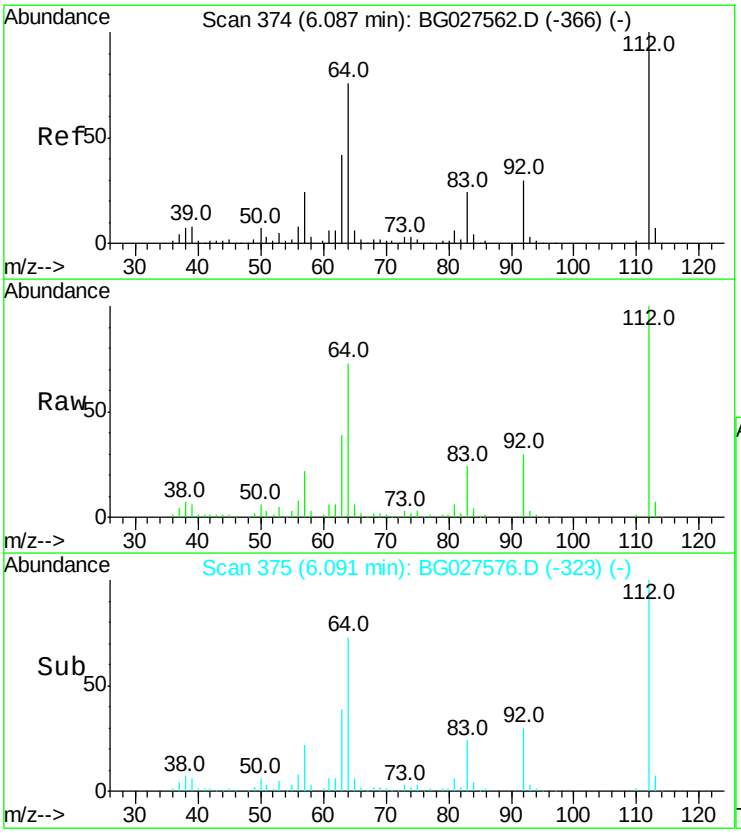
#4
n-Nitrosodimethylamine
Concen: 0.06 ng
RT: 4.43 min Scan# 92
Delta R.T. 0.04 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 42 Resp: 58

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

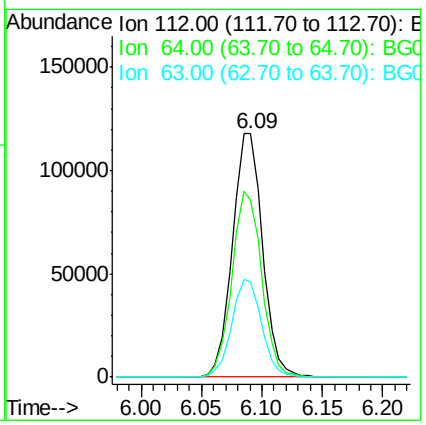


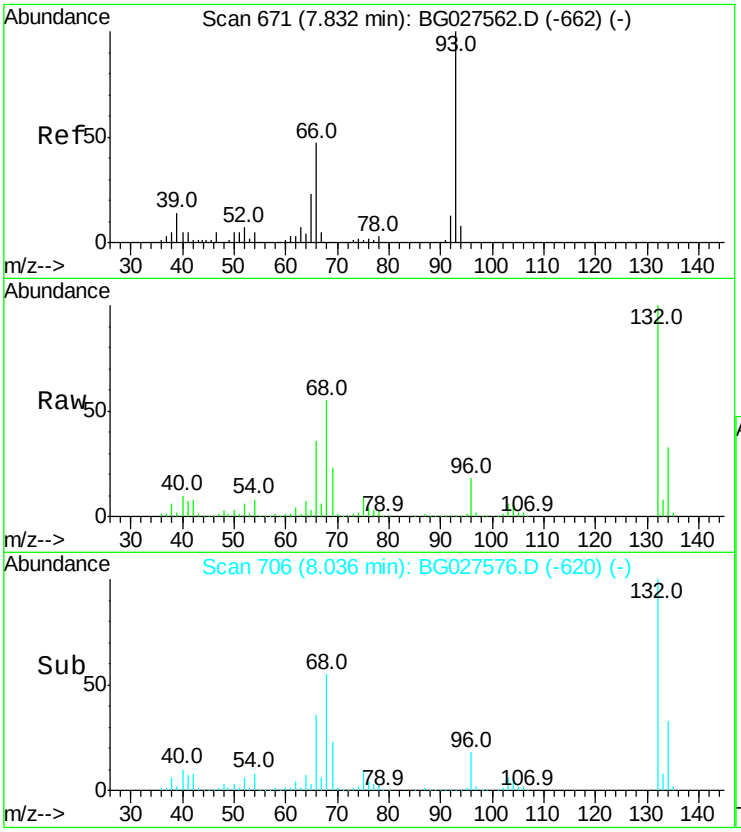


#5
2-Fluorophenol
Concen: 130.79 ng
RT: 6.09 min Scan# 375
Delta R.T. 0.00 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion:112 Resp: 205392

Ion	Ratio	Lower	Upper
112	100		
64	72.7	61.8	92.6
63	39.3	37.2	55.8



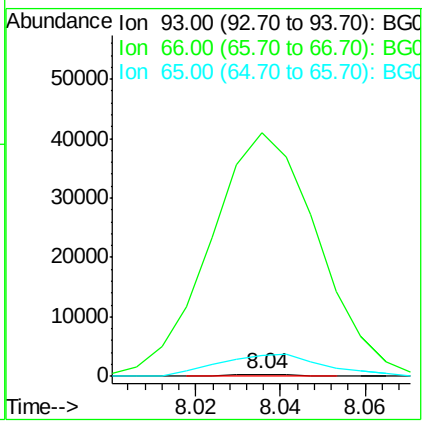


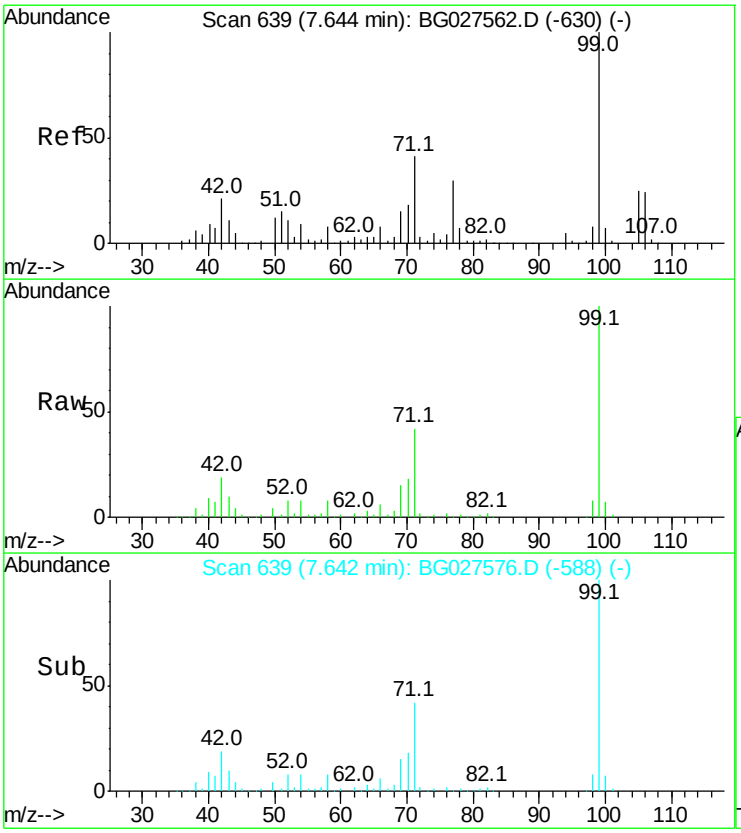
#6
Aniline
Concen: 0.09 ng
RT: 8.04 min Scan# 706
Delta R.T. 0.20 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 93 Resp: 264

Ion	Ratio	Lower	Upper
93	100		
66	13929.3	35.4	53.2#
65	1175.5	21.2	31.8#

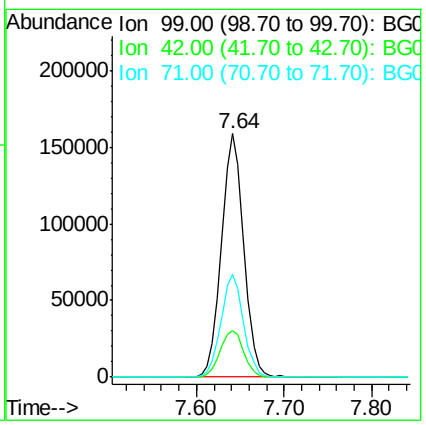


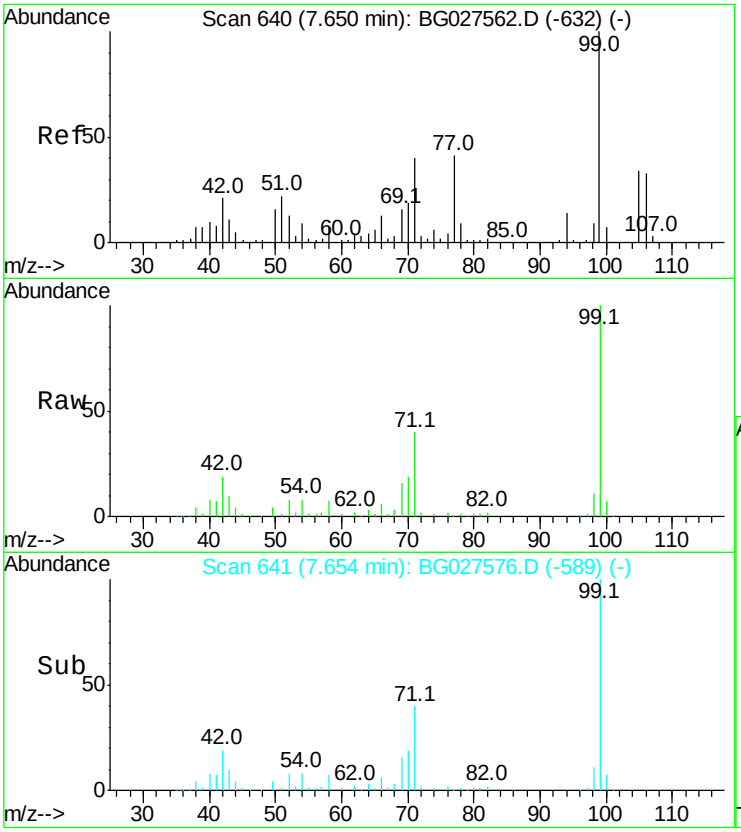


#7
Phenol-d6
Concen: 120.09 ng
RT: 7.64 min Scan# 639
Delta R.T. -0.00 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion: 99 Resp: 279179

Ion	Ratio	Lower	Upper
99	100		
42	19.3	20.5	30.7#
71	42.1	37.6	56.4



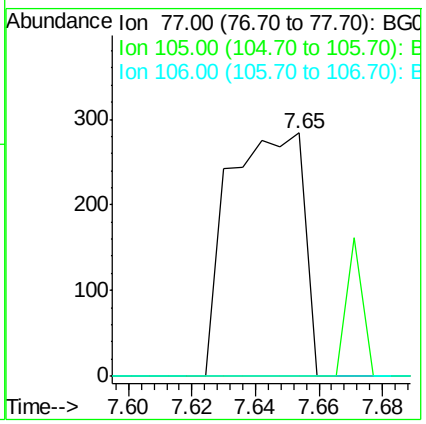


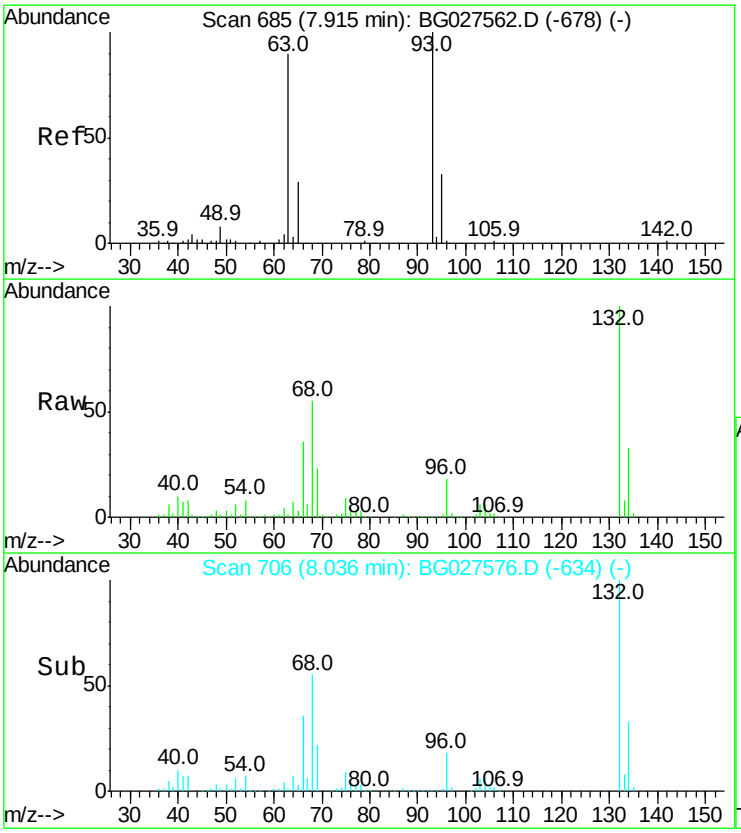
#9
Benzaldehyde
Concen: 0.29 ng
RT: 7.65 min Scan# 641
Delta R.T. 0.00 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 464

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

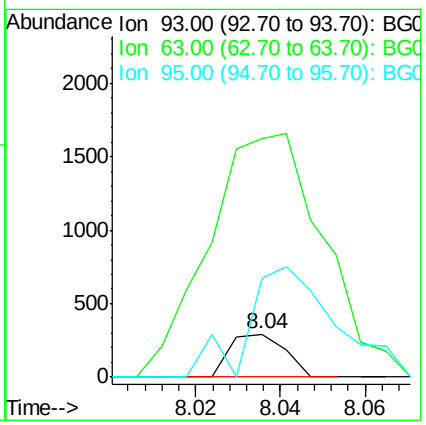


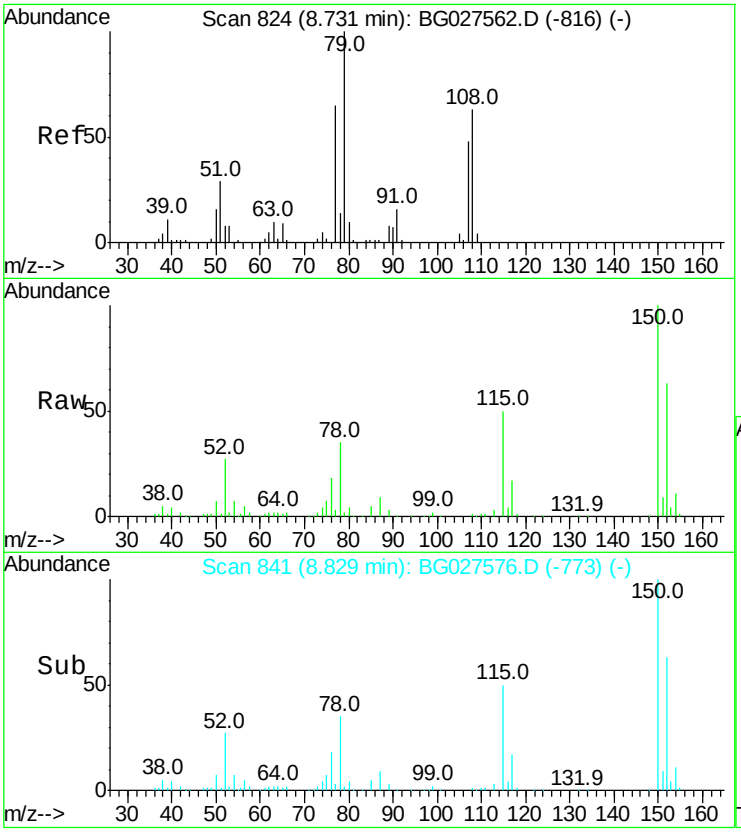


#11
bis(2-Chloroethyl)ether
Concen: 0.14 ng
RT: 8.04 min Scan# 706
Delta R.T. 0.12 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion: 93 Resp: 264

Ion	Ratio	Lower	Upper
93	100		
63	552.4	78.5	118.5#
95	229.9	9.8	49.8#



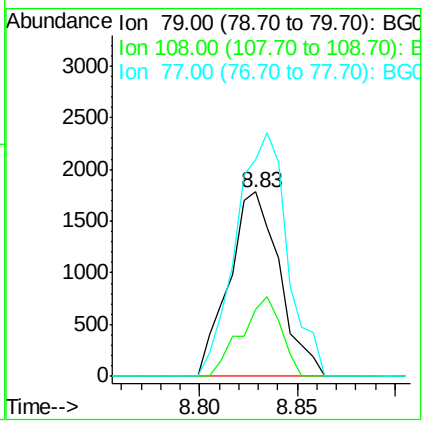


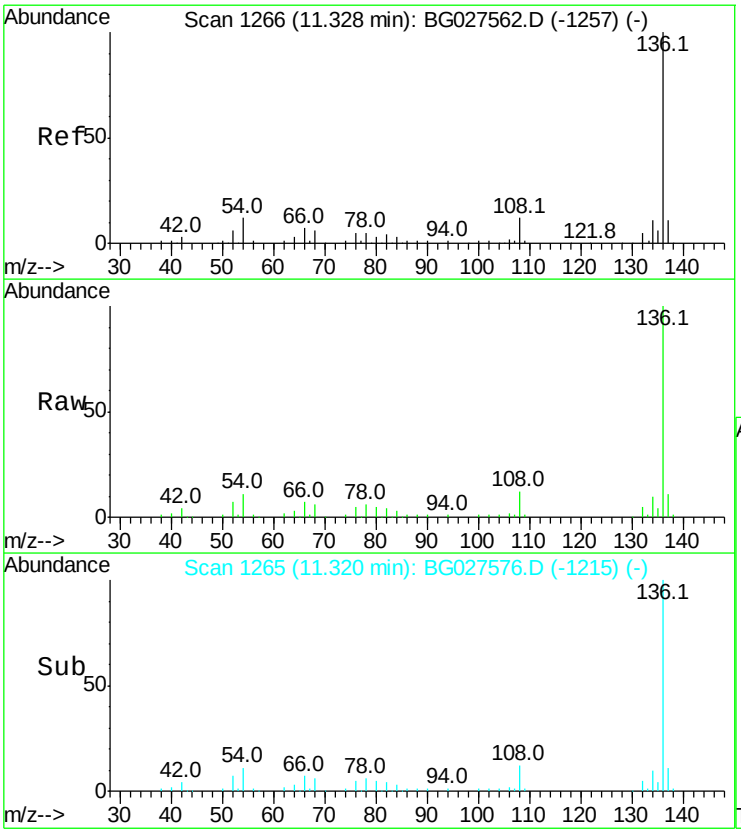
#15
Benzyl Alcohol
Concen: 1.71 ng
RT: 8.83 min Scan# 841
Delta R.T. 0.10 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 3183

Ion	Ratio	Lower	Upper
79	100		
108	36.4	45.5	68.3#
77	117.2	54.3	81.5#

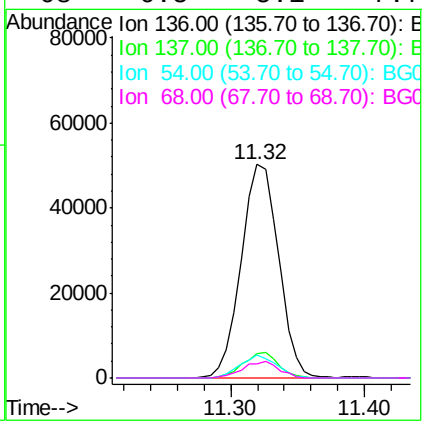


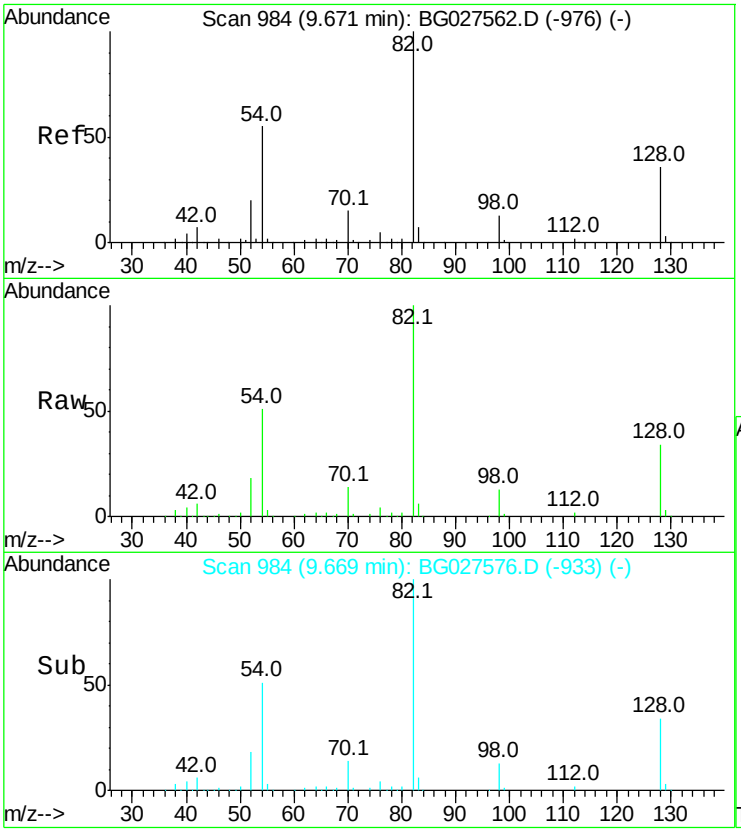


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion:136 Resp: 97476

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.8	9.3	13.9
68	6.5	5.1	7.7



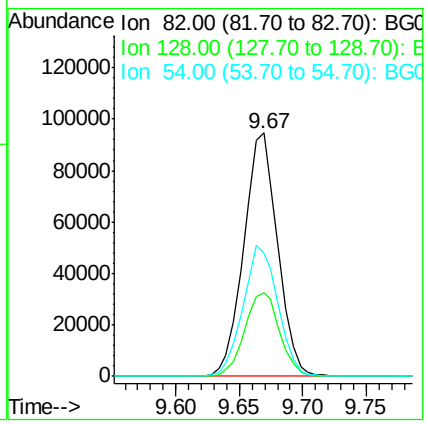


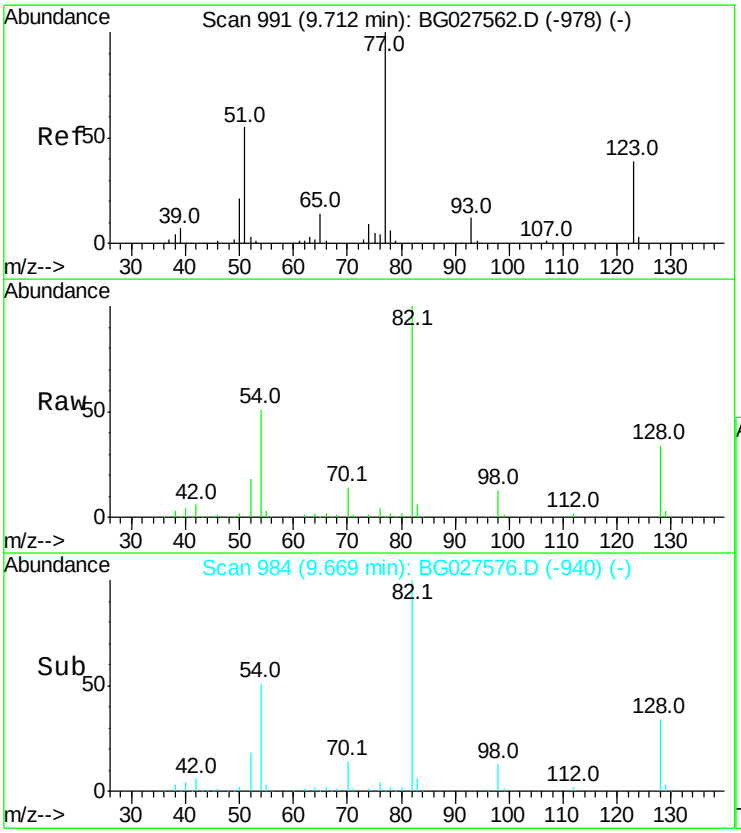
#23
Nitrobenzene-d5
Concen: 85.29 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 175696

Ion	Ratio	Lower	Upper
82	100		
128	34.4	26.4	39.6
54	50.8	49.4	74.2

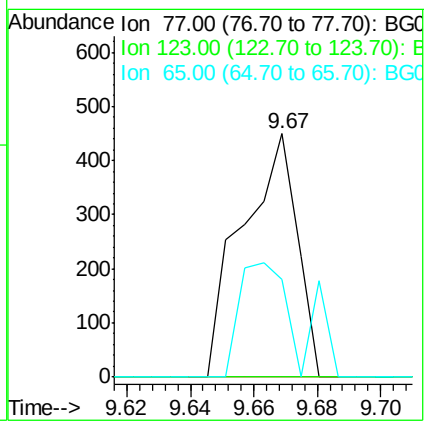


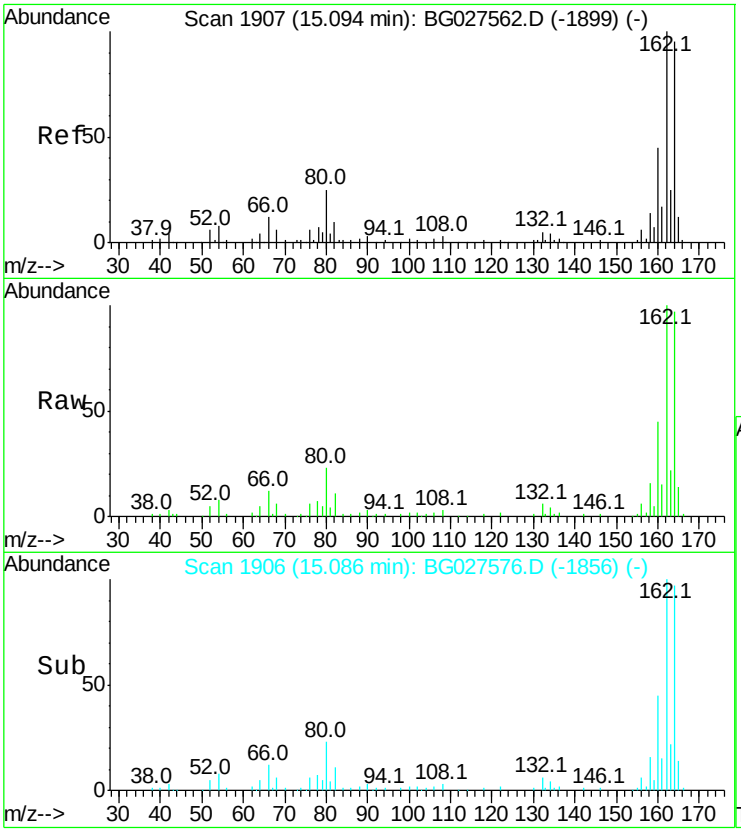


#24
Nitrobenzene
Concen: 0.24 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.04 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion: 77 Resp: 541

Ion	Ratio	Lower	Upper
77	100		
123	0.0	26.1	39.1#
65	40.0	12.4	18.6#



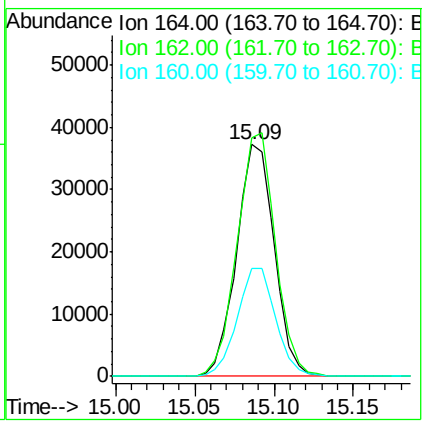


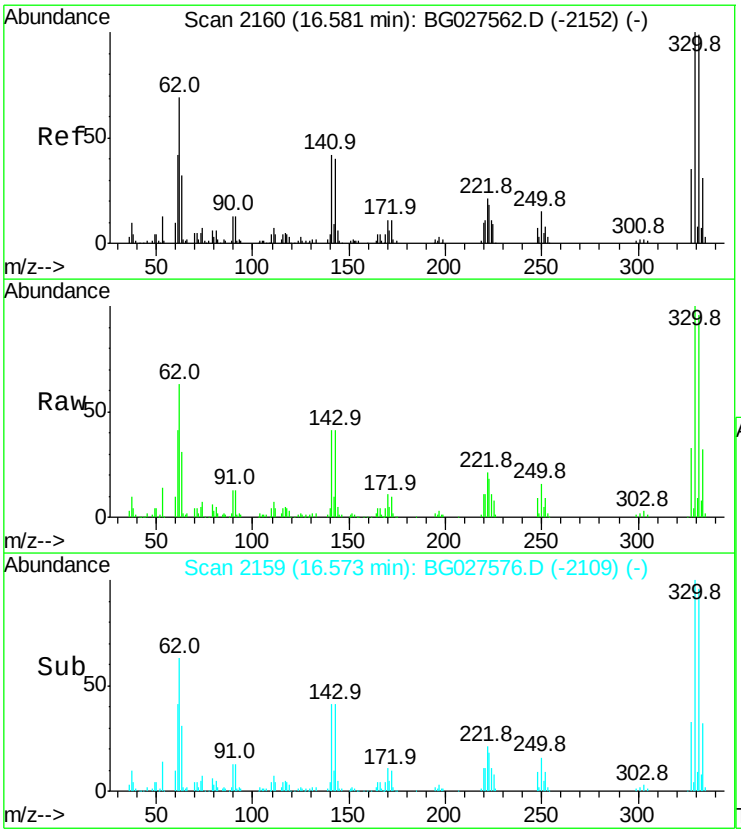
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 61485

Ion	Ratio	Lower	Upper
164	100		
162	102.9	85.1	127.7
160	46.6	34.7	52.1

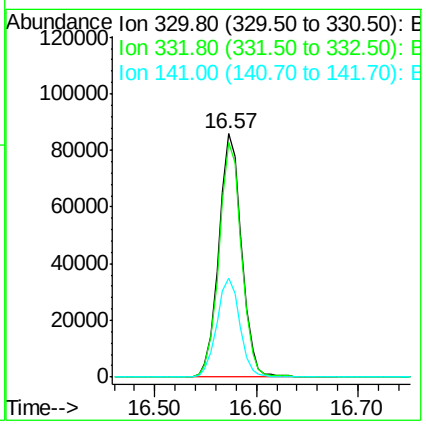


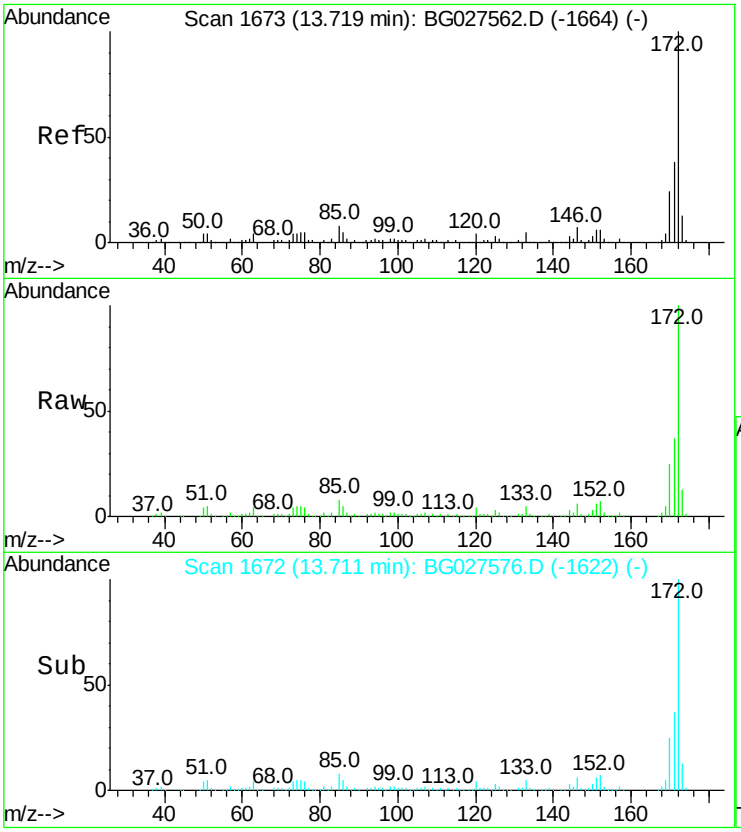


#41
2,4,6-Tribromophenol
Concen: 146.04 ng
RT: 16.57 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion:330 Resp: 133867

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.3	115.9
141	41.1	32.1	48.1



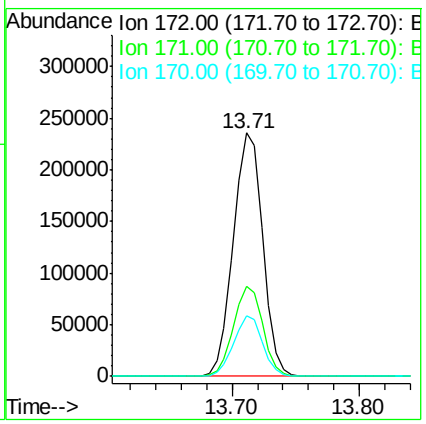


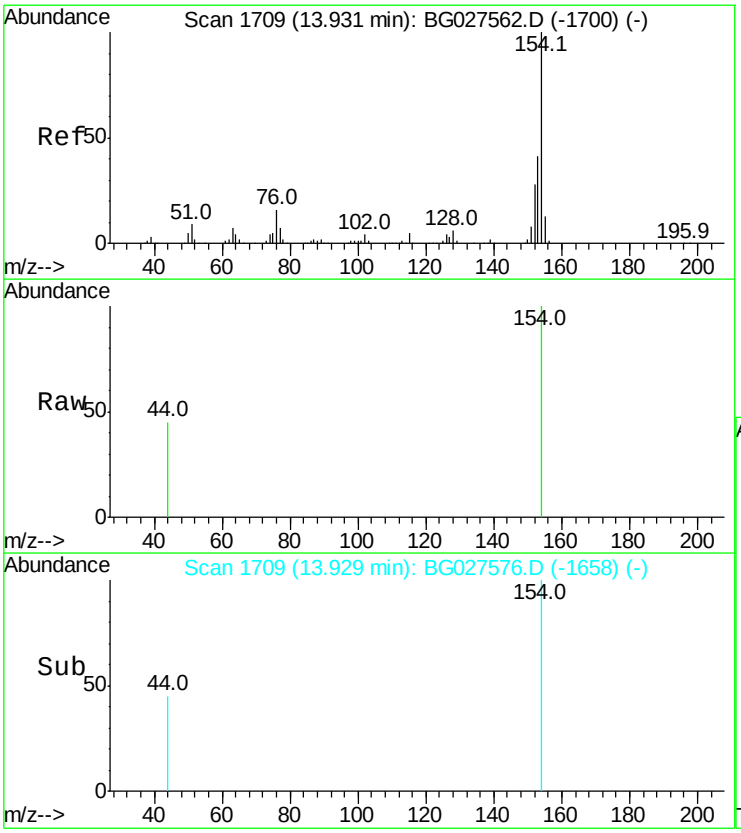
#44
2-Fluorobiphenyl
Concen: 84.07 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 378398

Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	24.7	21.8	32.6

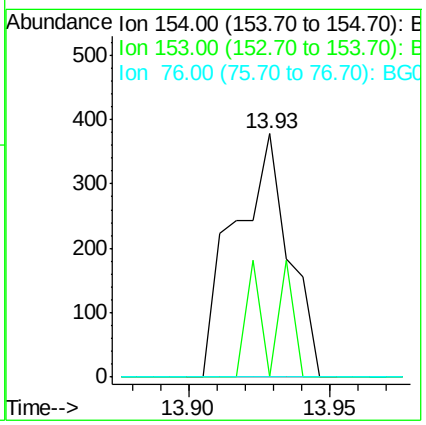


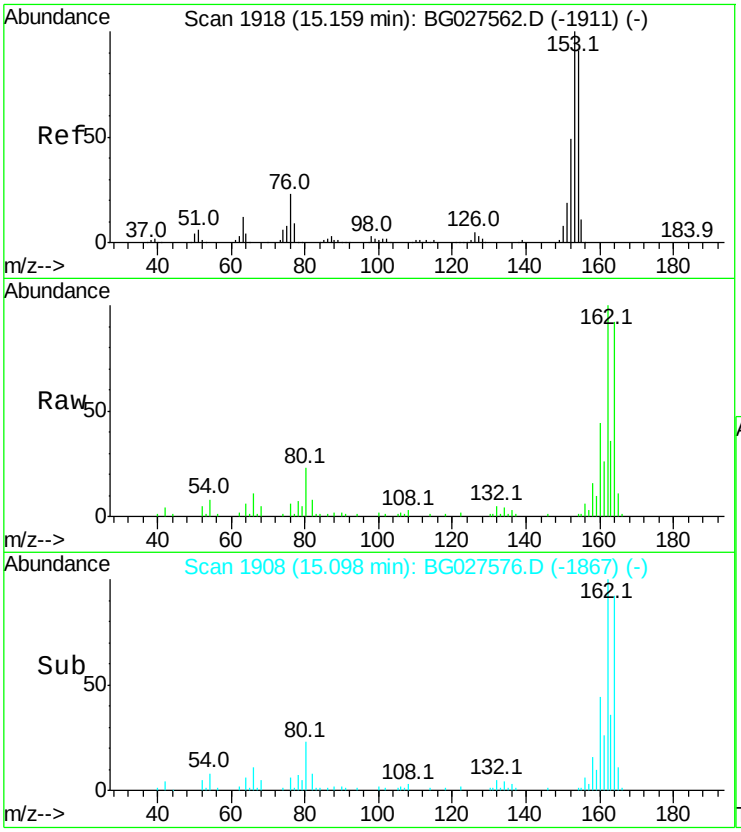


#45
1,1'-Biphenyl
Concen: 0.10 ng
RT: 13.93 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion:154 Resp: 503

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



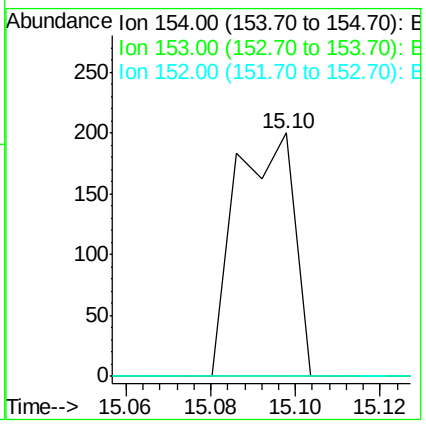


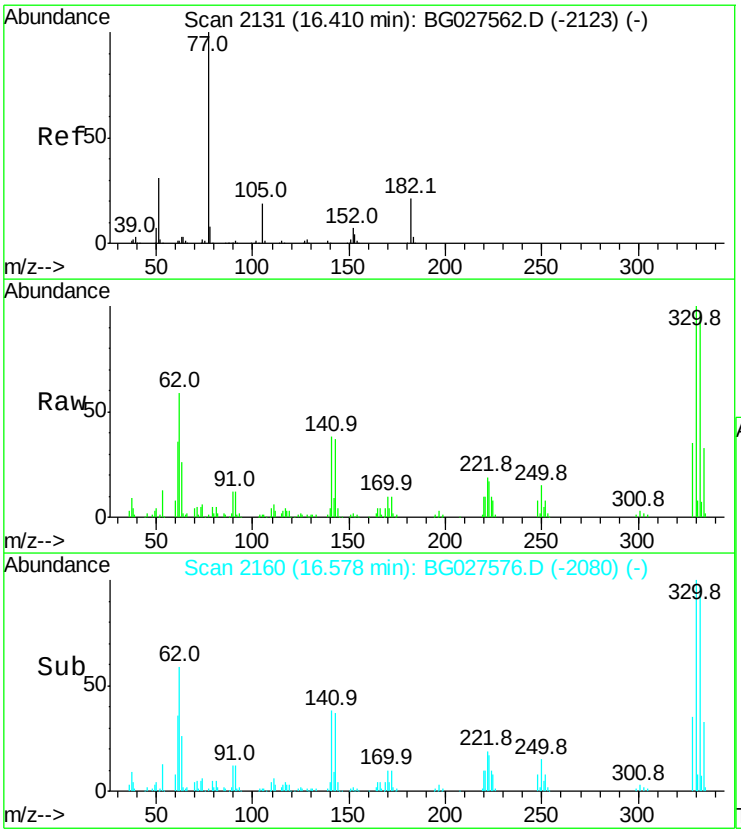
#51
Acenaphthene
Concen: 0.04 ng
RT: 15.10 min Scan# 1908
Delta R.T. -0.06 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 192

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

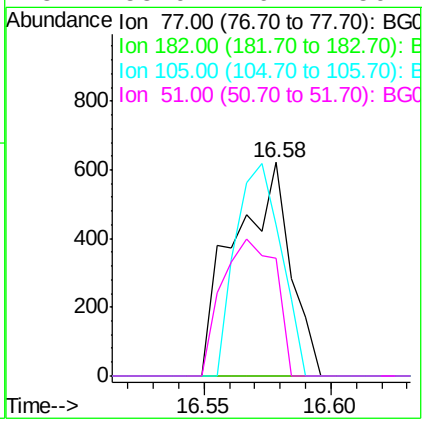


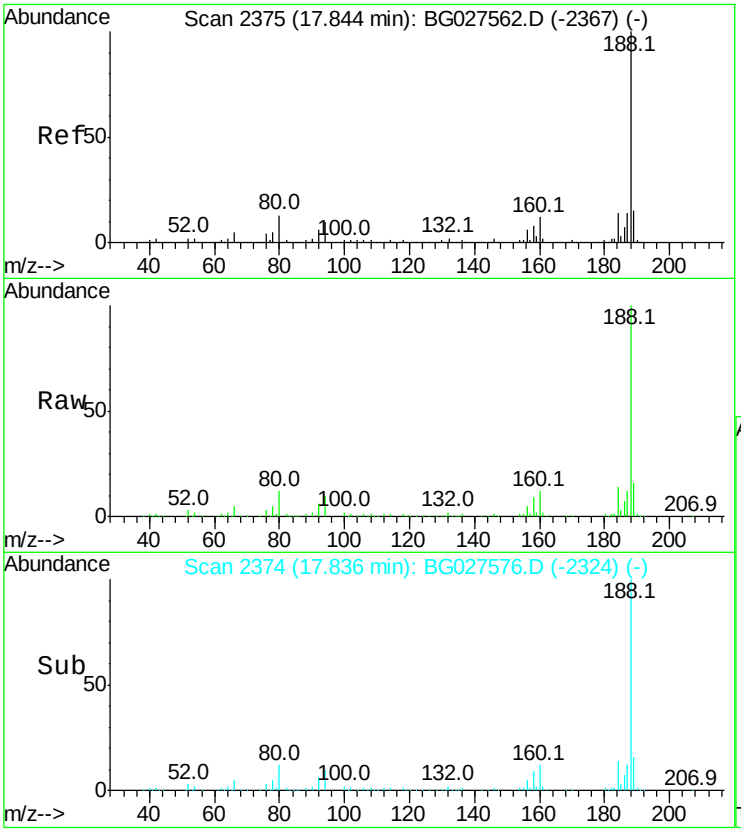


#62
Azobenzene
Concen: 0.16 ng
RT: 16.58 min Scan# 2160
Delta R.T. 0.17 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion: 77 Resp: 958

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	70.4	0.0	36.3#
51	55.0	16.4	56.4



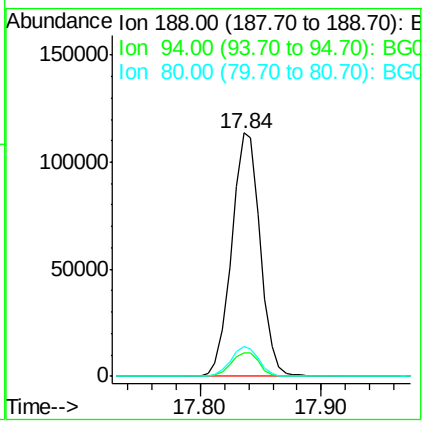


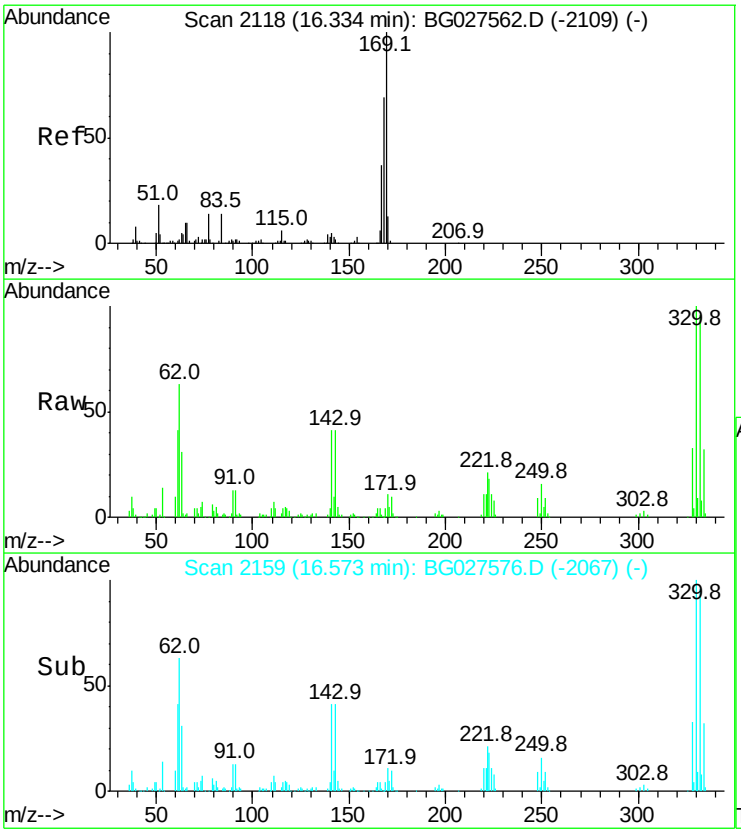
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 186177

Ion	Ratio	Lower	Upper
188	100		
94	9.8	5.8	8.8#
80	12.3	7.5	11.3#

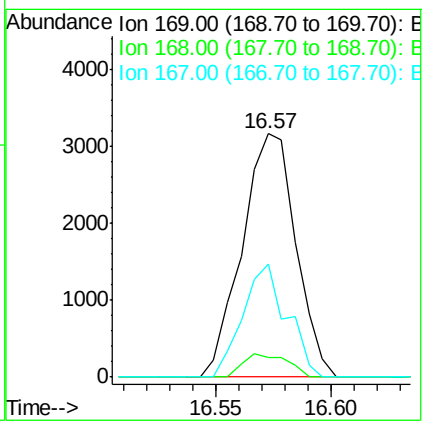


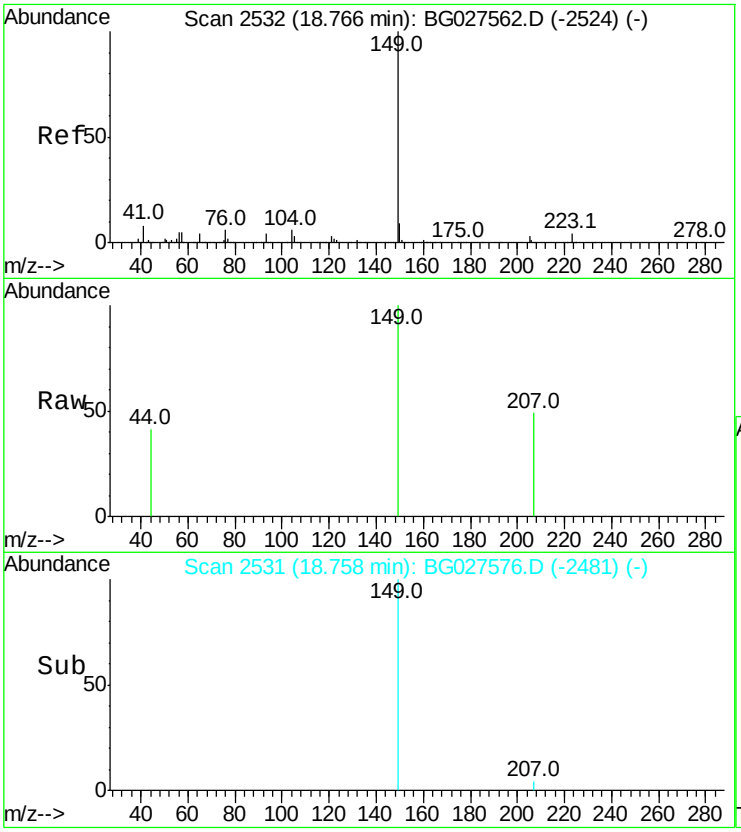


#65
n-Nitrosodiphenylamine
Concen: 0.90 ng
RT: 16.57 min Scan# 2159
Delta R.T. 0.24 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion:169 Resp: 5122

Ion	Ratio	Lower	Upper
169	100		
168	8.0	55.7	83.5#
167	46.4	29.8	44.6#



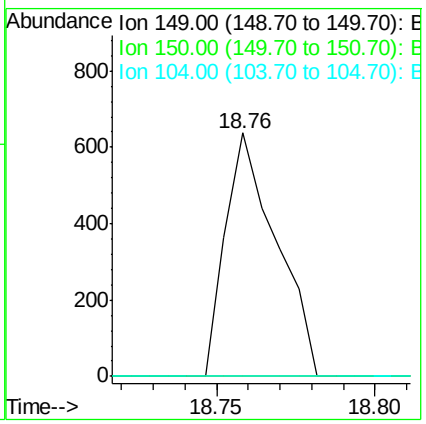


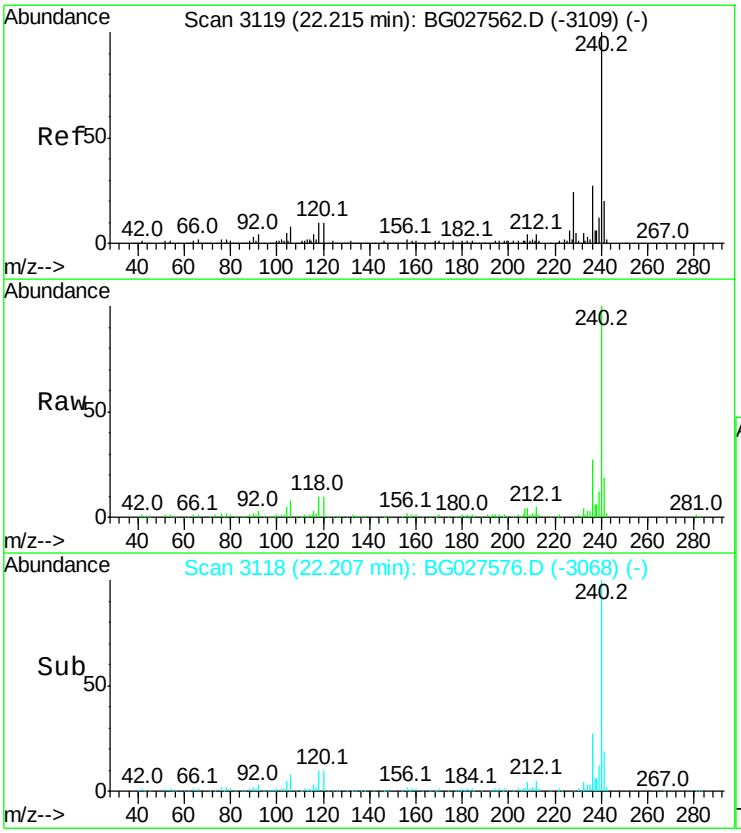
#73
Di-n-butylphthalate
Concen: 0.06 ng
RT: 18.76 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 707

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

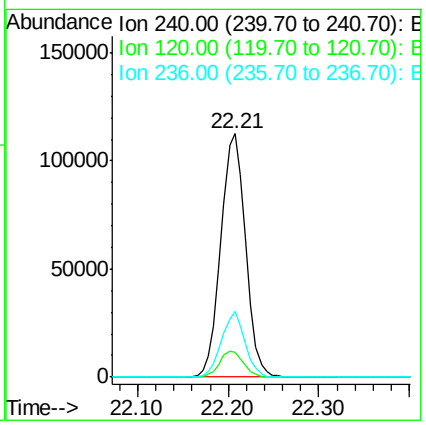


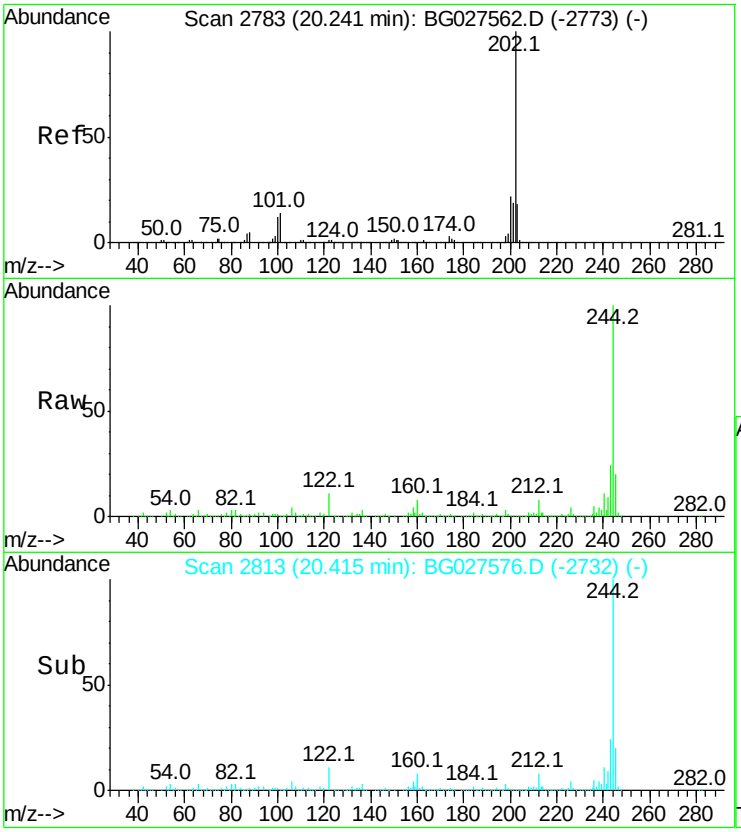


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion:240 Resp: 213472

Ion	Ratio	Lower	Upper
240	100		
120	10.0	5.7	8.5#
236	26.8	22.2	33.4



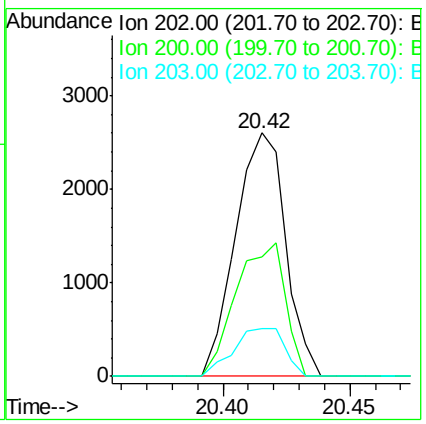


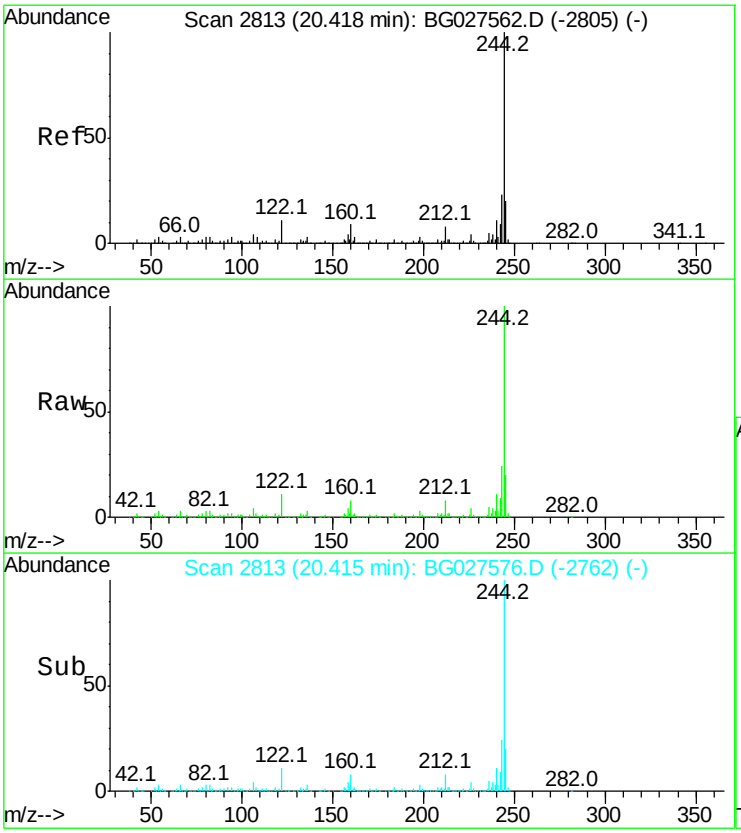
#77
Pyrene
Concen: 0.28 ng
RT: 20.42 min Scan# 2813
Delta R.T. 0.17 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 3576

Ion	Ratio	Lower	Upper
202	100		
200	49.3	19.6	29.4#
203	19.7	15.8	23.8

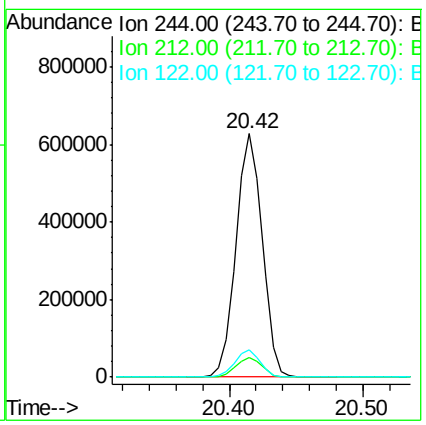


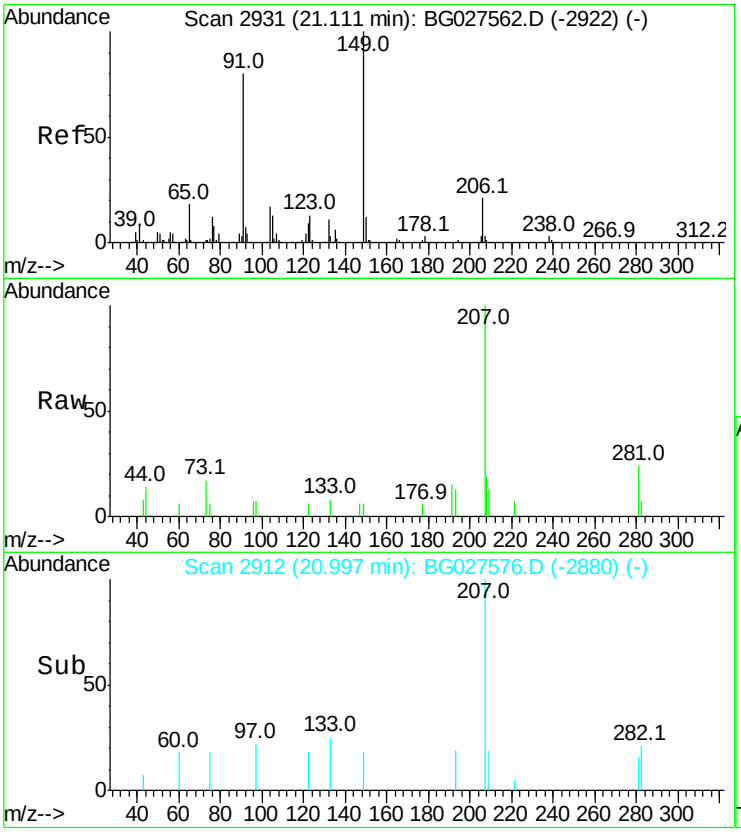


#78
Terphenyl-d14
Concen: 93.87 ng
RT: 20.42 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion:244 Resp: 850470

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	11.3	8.6	12.8



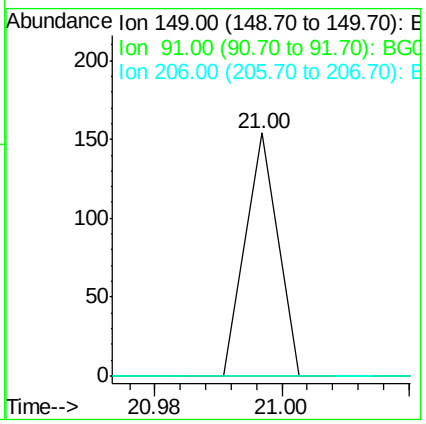


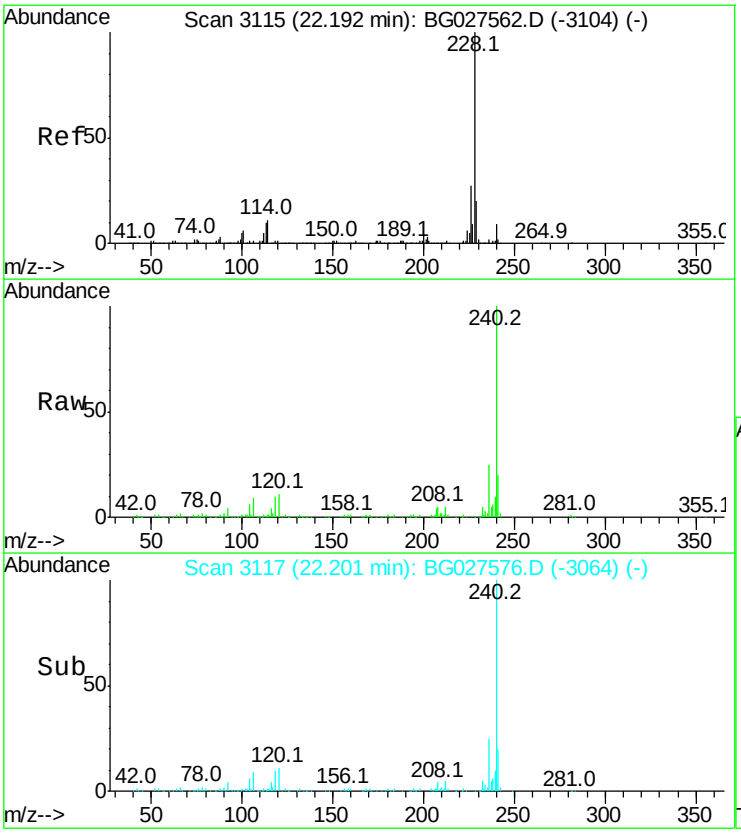
#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 21.00 min Scan# 2912
Delta R.T. -0.11 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 54

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

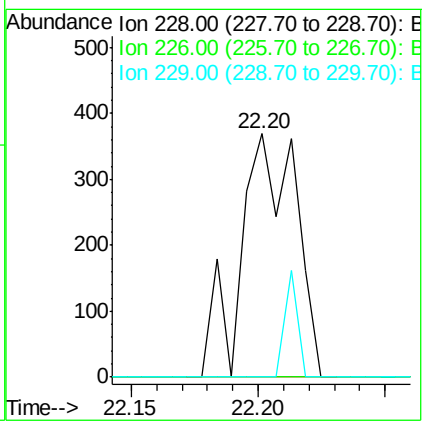


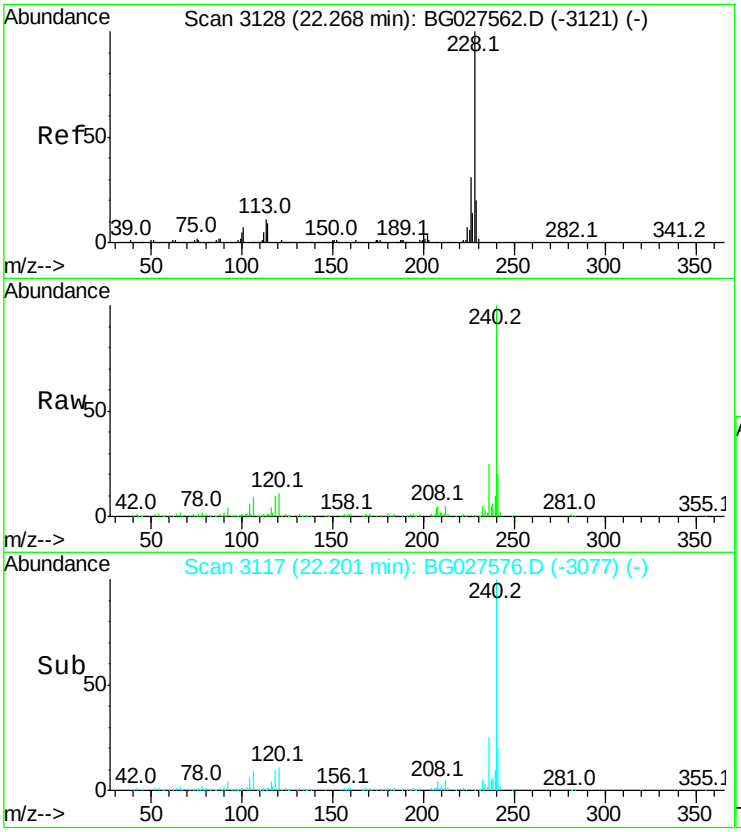


#80
Benzo(a)anthracene
Concen: 0.04 ng
RT: 22.20 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion:228 Resp: 563

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



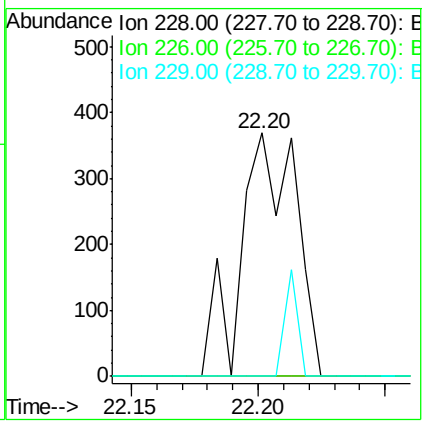


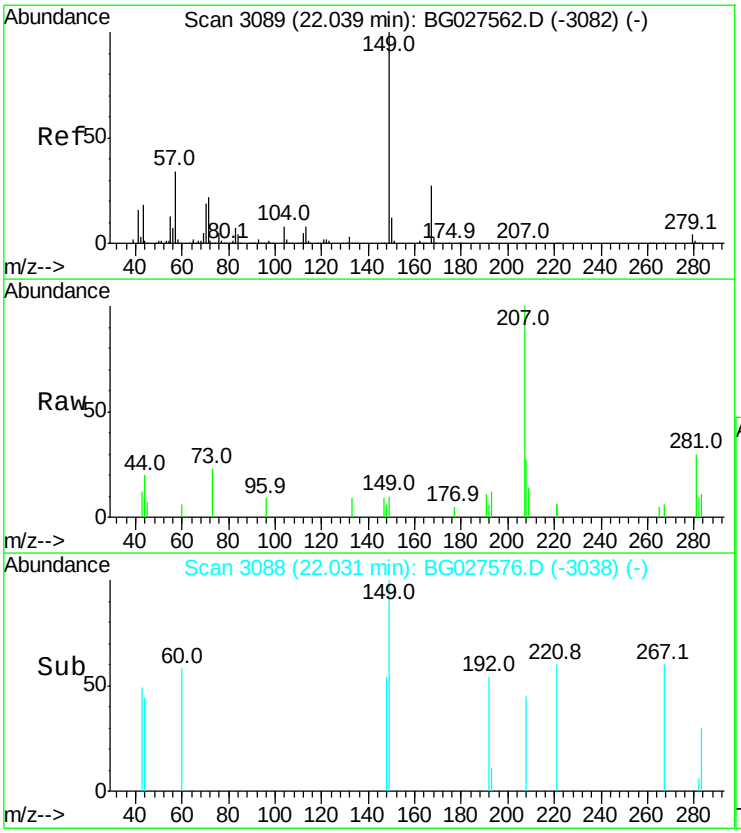
#82
Chrysene
Concen: 0.05 ng
RT: 22.20 min Scan# 3117
Delta R.T. -0.07 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 563

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

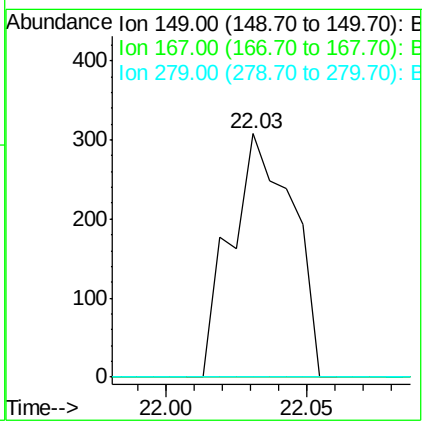


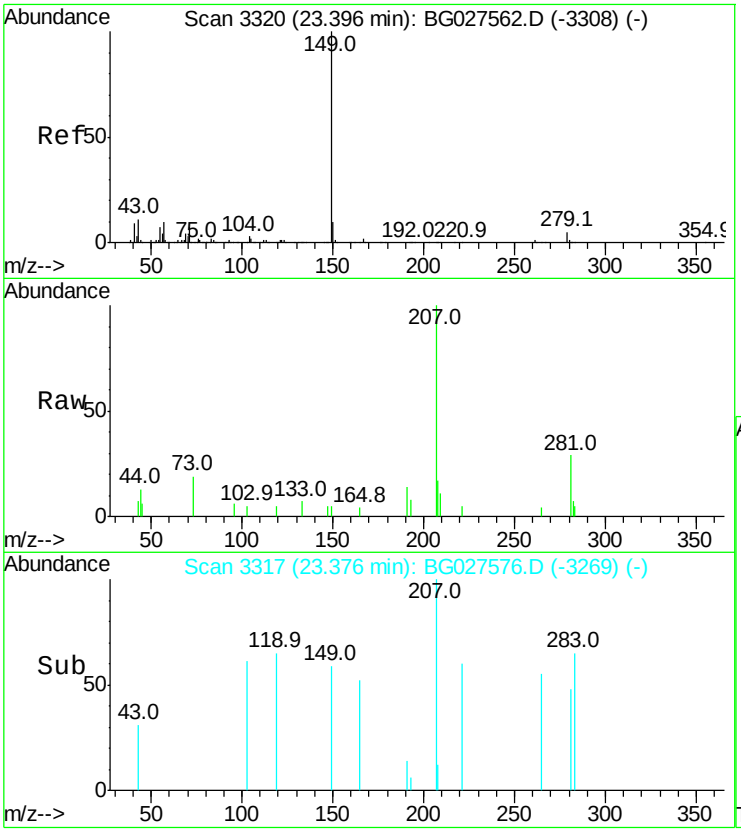


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 22.03 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion:149 Resp: 468

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



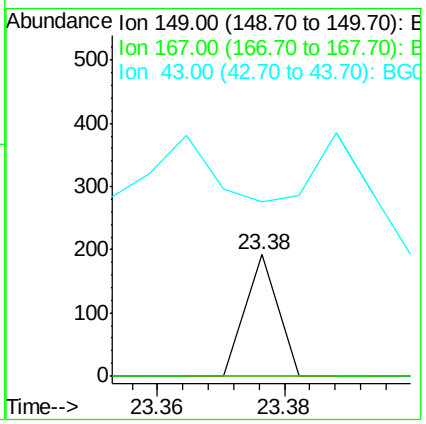


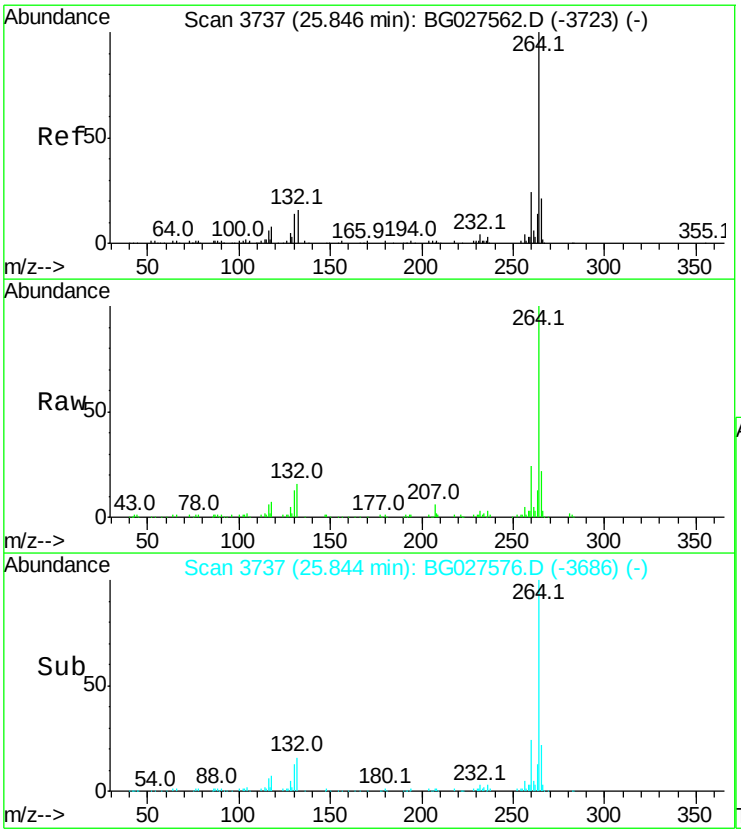
#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 23.38 min Scan# 3317
Delta R.T. -0.02 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 68

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

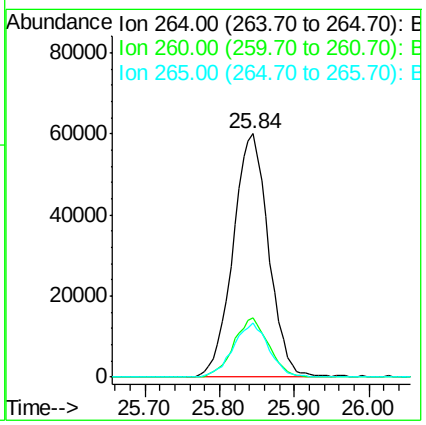


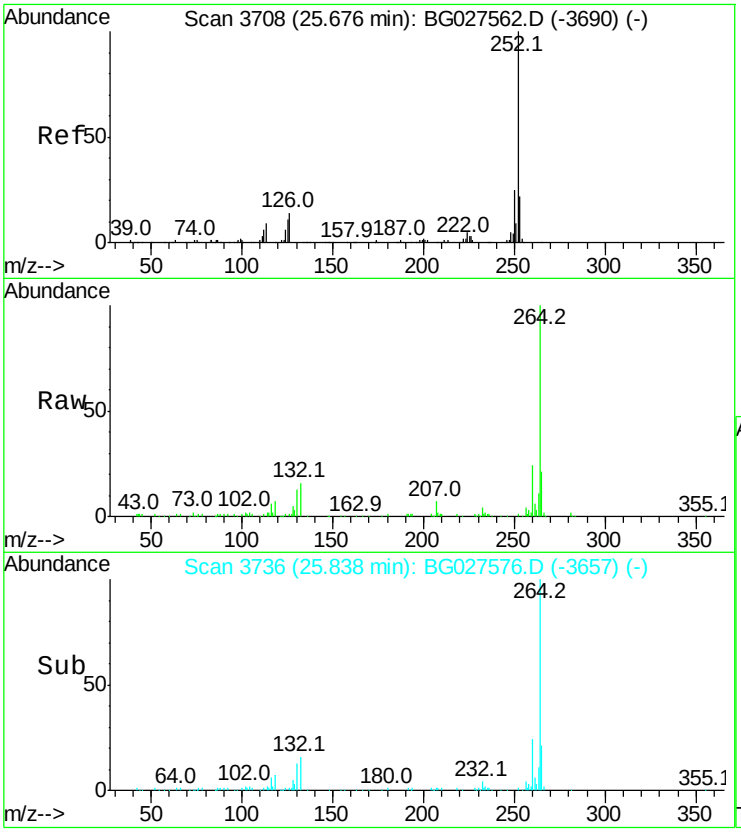


#86
Perylene-d12
Concen: 20.00 ng
RT: 25.84 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Tgt Ion:264 Resp: 198601

Ion	Ratio	Lower	Upper
264	100		
260	24.2	21.8	32.8
265	22.2	18.2	27.4





#89
Benzo(a)pyrene
Concen: 0.05 ng
RT: 25.84 min Scan# 3736
Delta R.T. 0.16 min
Lab File: BG027576.D
Acq: 22 Jun 2017 1:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 596

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