Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
Data File : BG027573.D
Acq On : 21 Jun 2017 23:24
Operator : SJ/JU
Sample : PB99895BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 22 02:30:22 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	18955	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	84296	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	52281	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	163388	20.00	ng		0.00
75) Chrysene-d12	22.21	240	195714	20.00	ng		0.00
86) Perylene-d12	25.84	264	186169	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.08	112	103776	77.92	ng		0.00
7) Phenol-d6	7.64	99	140217	71.12	ng		0.00
23) Nitrobenzene-d5	9.67	82	135010	75.79	ng		0.00
41) 2,4,6-Tribromophenol	16.57	330	62196	79.80	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	284797	74.41	ng		0.00
78) Terphenyl-d14	20.41	244	699175	84.17	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	4.20	42	63	0.08	ng	#	7
9) Benzaldehyde	7.64	77	344	0.26	ng	#	10
15) Benzyl Alcohol	8.83	79	2824	1.79	ng	#	72
16) 2,2'-oxybis(1-Chloropropan	8.98	45	112	0.04	ng		74
24) Nitrobenzene	9.66	77	332	0.17	ng	#	49
45) 1,1'-Biphenyl	13.93	154	372	0.09	ng	#	41
51) Acenaphthene	15.08	154	77	0.02	ng	#	6
59) Diethylphthalate	15.87	149	73	0.01	ng	#	56
62) Azobenzene	16.58	77	412	0.08	ng	#	8
65) n-Nitrosodiphenylamine	16.57	169	2555	0.51	ng	#	47
72) Carbazole	18.24	167	66	0.01	ng	#	55
73) Di-n-butylphthalate	18.76	149	974	0.10	ng	#	73
74) Fluoranthene	19.87	202	103	0.01	ng	#	61
77) Pyrene	20.23	202	208	0.02	ng	#	53
79) Butylbenzylphthalate	21.11	149	474	0.10	ng	#	65
80) Benzo(a)anthracene	22.21	228	932	0.08	ng	#	47
82) Chrysene	22.26	228	442	0.04	ng	#	46
83) Bis(2-ethylhexyl)phthalate	22.04	149	766	0.11	ng	#	51
84) Di-n-octyl phthalate	23.39	149	347	0.03	ng	#	1
87) Benzo(b)fluoranthene	24.67	252	108	0.01	ng	#	58
88) Benzo(k)fluoranthene	24.74	252	79	0.01	ng	#	56
89) Benzo(a)pyrene	25.68	252	65	0.01	ng	#	58

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062117\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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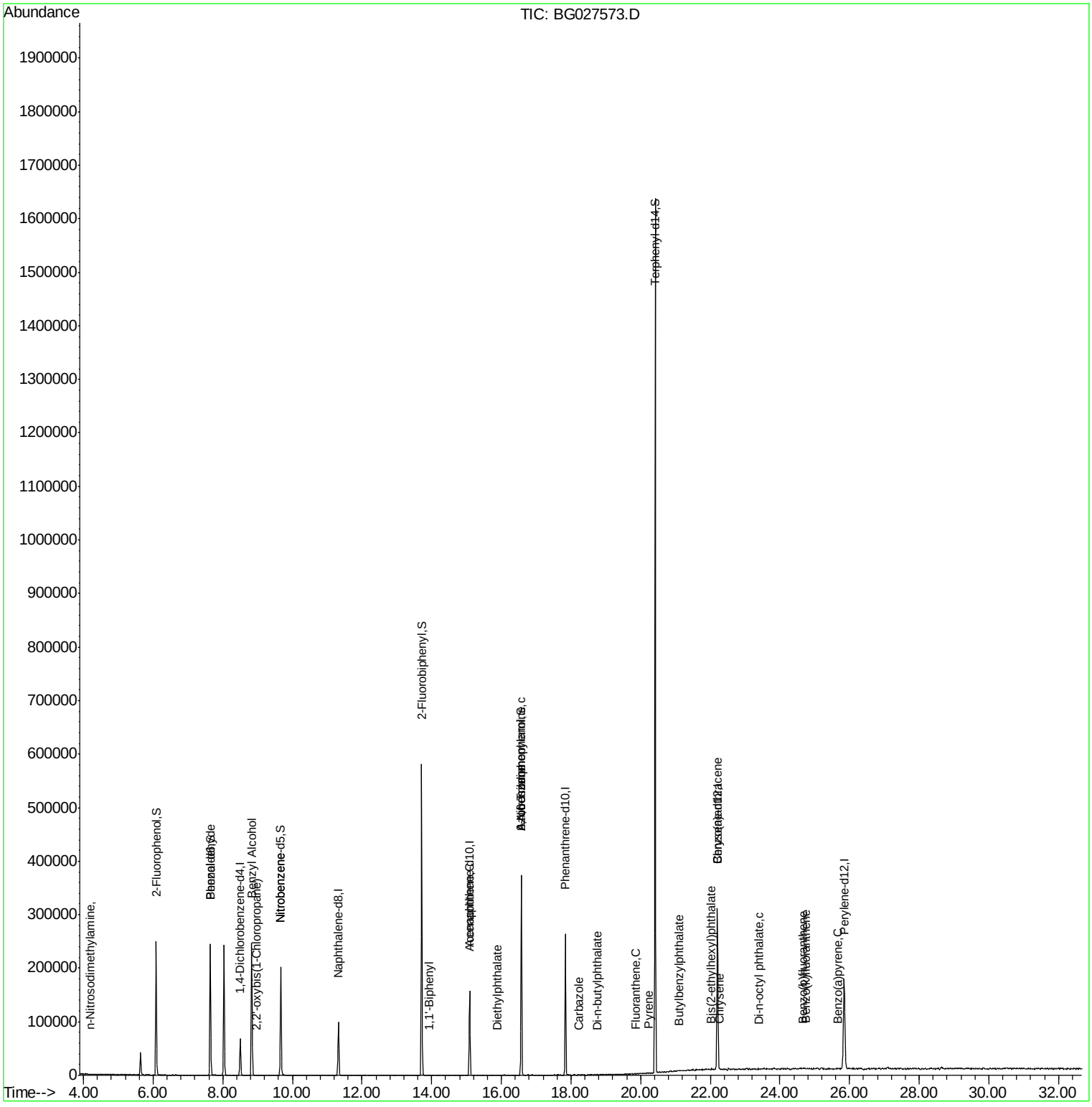
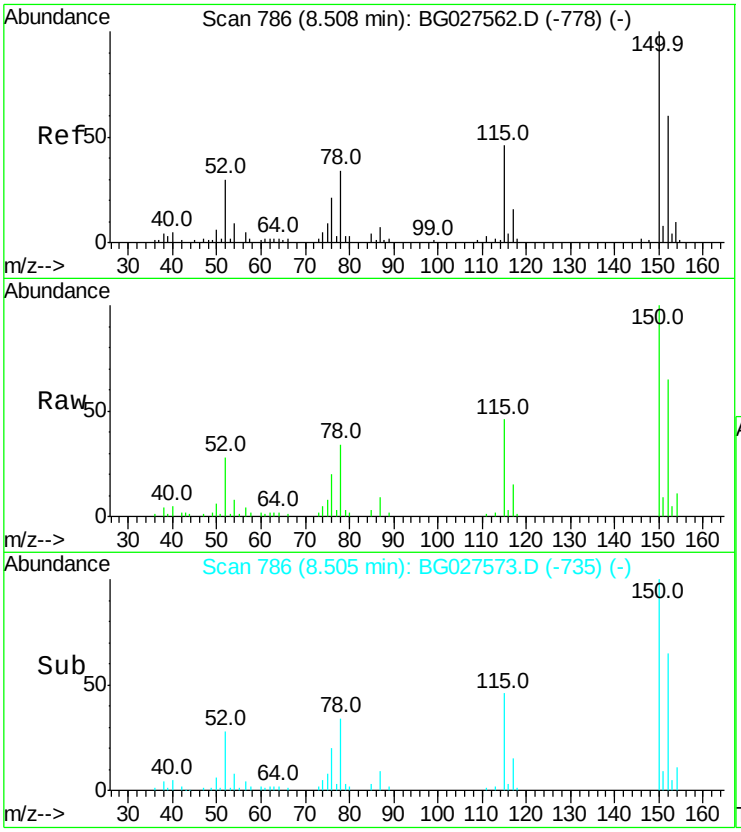


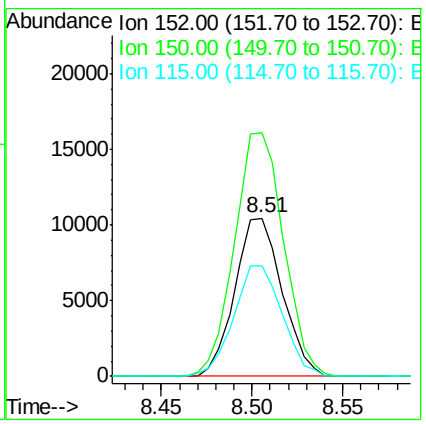


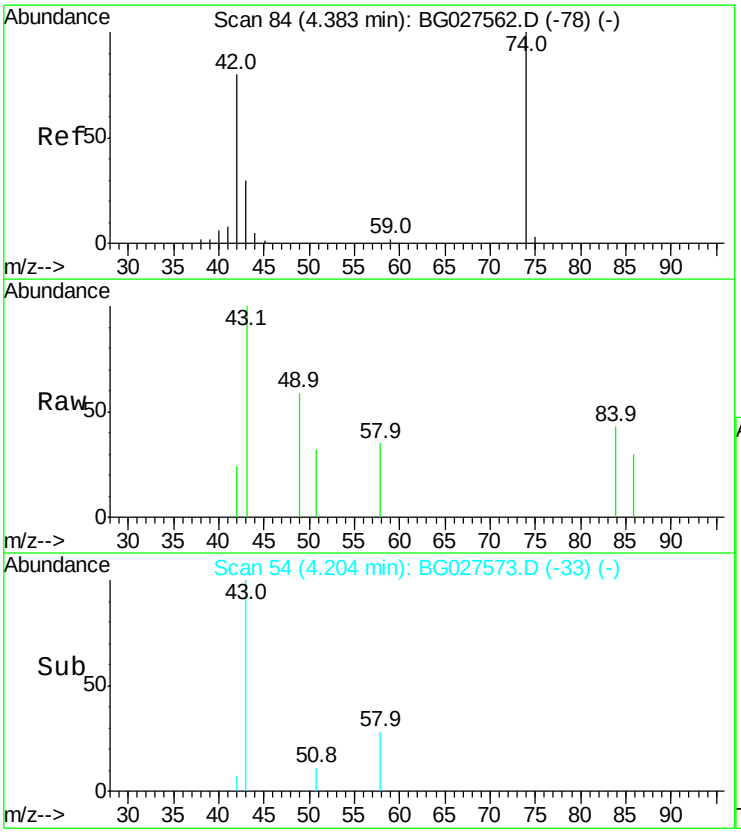
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.51 min Scan# 786
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 18955

Ion	Ratio	Lower	Upper
152	100		
150	154.1	114.0	171.0
115	70.3	48.1	72.1

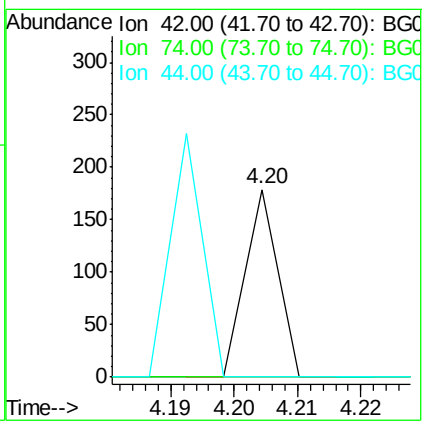


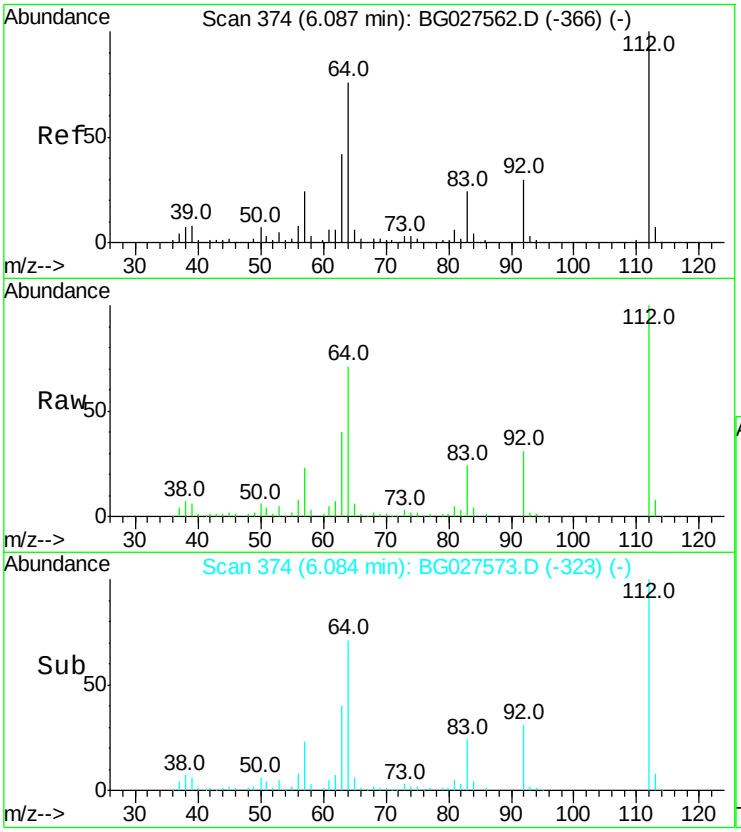


#4
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 4.20 min Scan# 54
Delta R.T. -0.18 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion: 42 Resp: 63

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



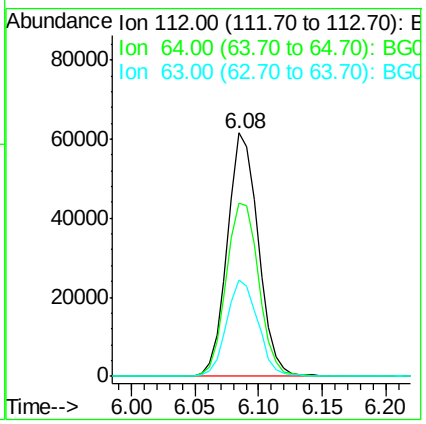


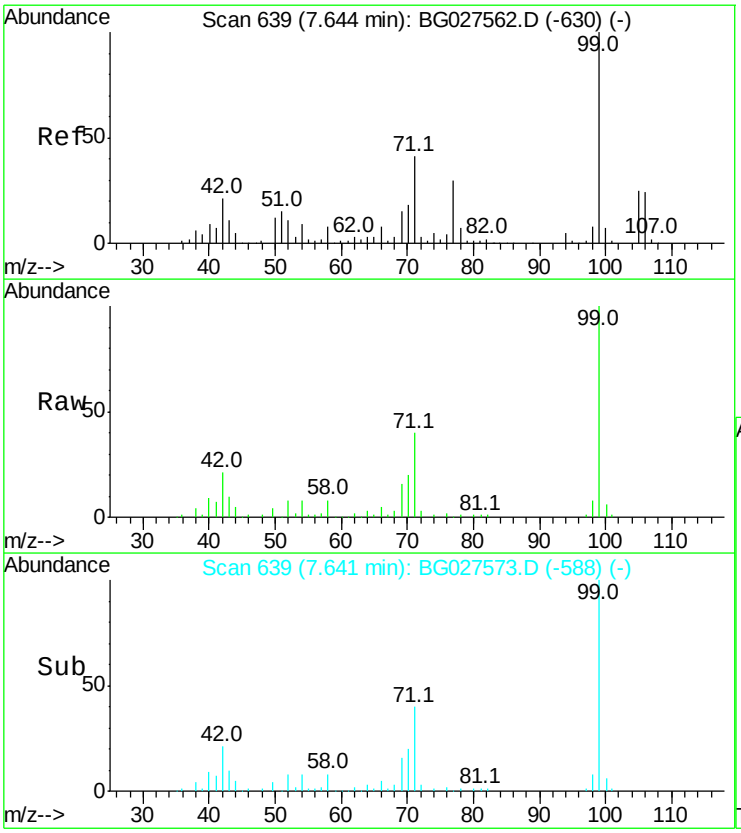
#5
2-Fluorophenol
Concen: 77.92 ng
RT: 6.08 min Scan# 374
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 103776

Ion	Ratio	Lower	Upper
112	100		
64	71.3	61.8	92.6
63	39.7	37.2	55.8

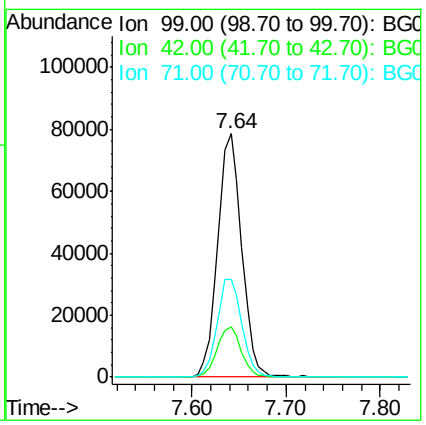


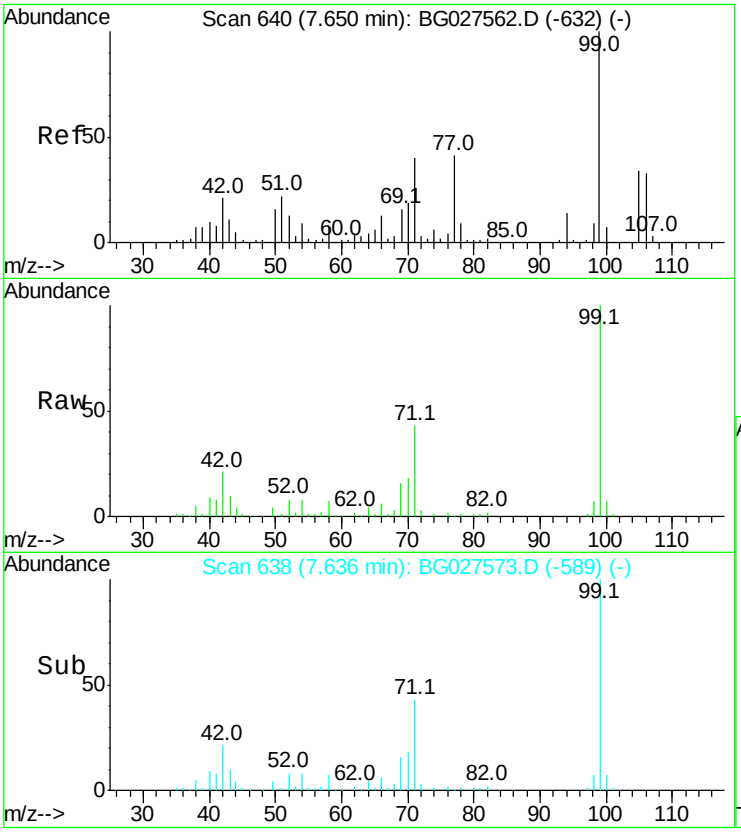


#7
Phenol-d6
Concen: 71.12 ng
RT: 7.64 min Scan# 639
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion: 99 Resp: 140217

Ion	Ratio	Lower	Upper
99	100		
42	20.7	20.5	30.7
71	39.9	37.6	56.4



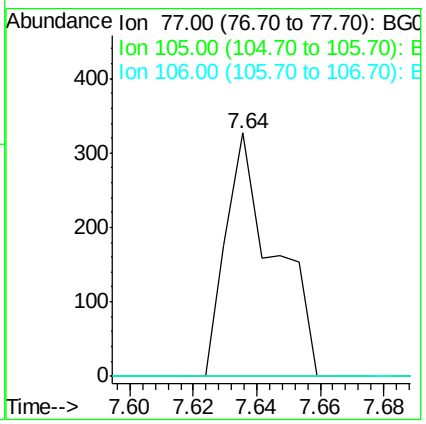


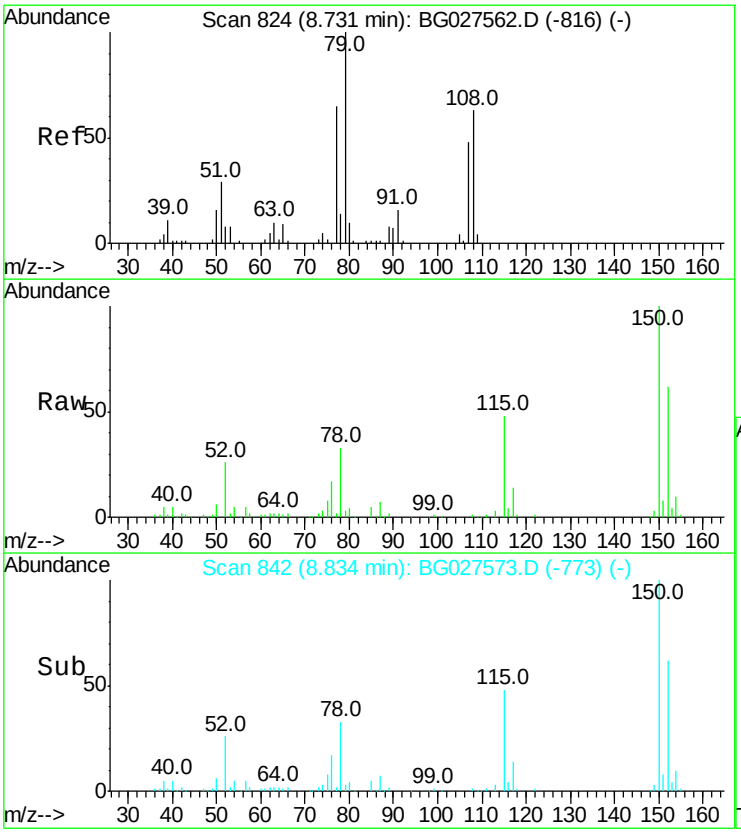
#9
Benzaldehyde
Concen: 0.26 ng
RT: 7.64 min Scan# 638
Delta R.T. -0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 344

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

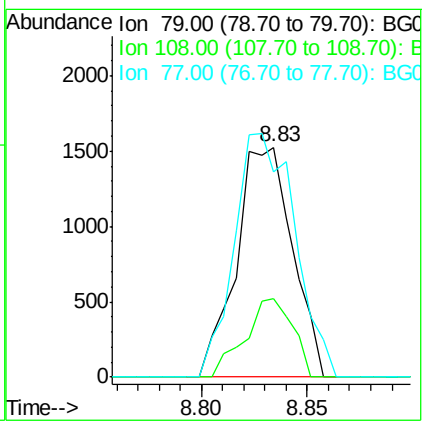


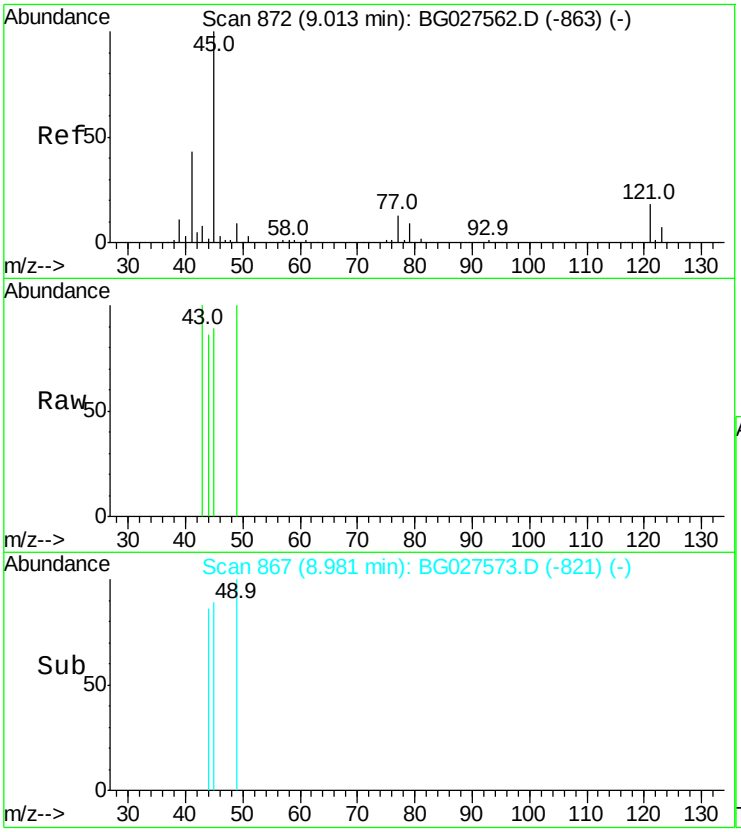


#15
Benzyl Alcohol
Concen: 1.79 ng
RT: 8.83 min Scan# 842
Delta R.T. 0.10 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion: 79 Resp: 2824

Ion	Ratio	Lower	Upper
79	100		
108	34.3	45.5	68.3#
77	89.1	54.3	81.5#



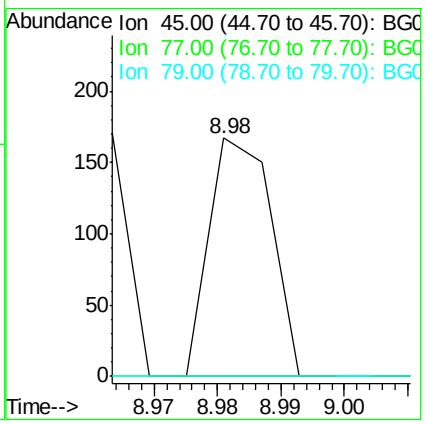


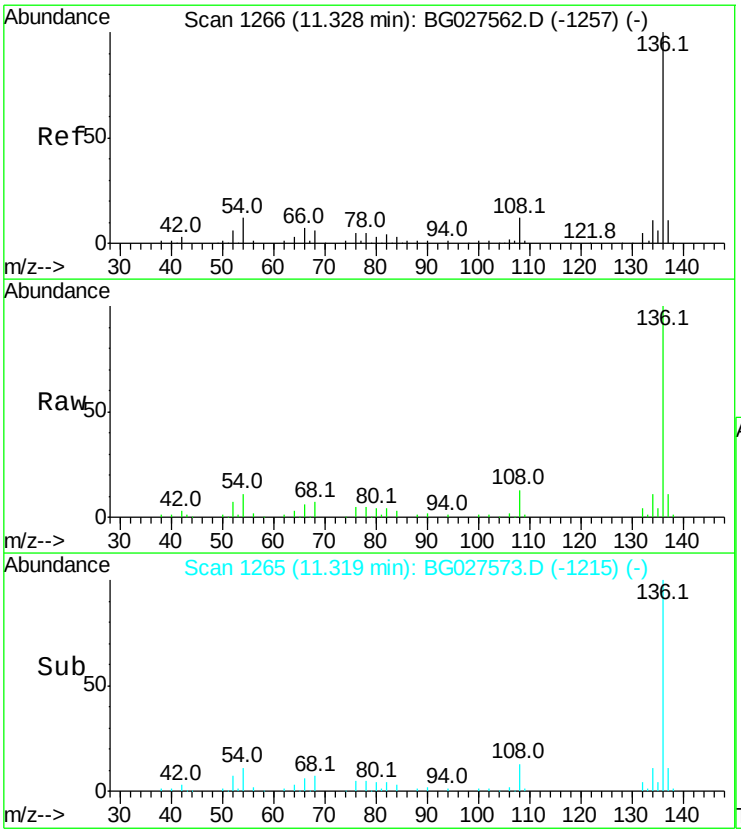
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.04 ng
RT: 8.98 min Scan# 867
Delta R.T. -0.03 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 45 Resp: 112

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.6
79	0.0	0.0	28.5

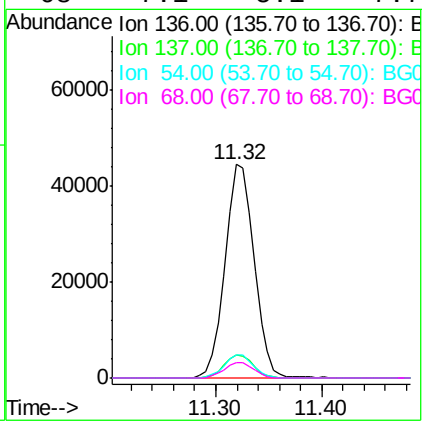


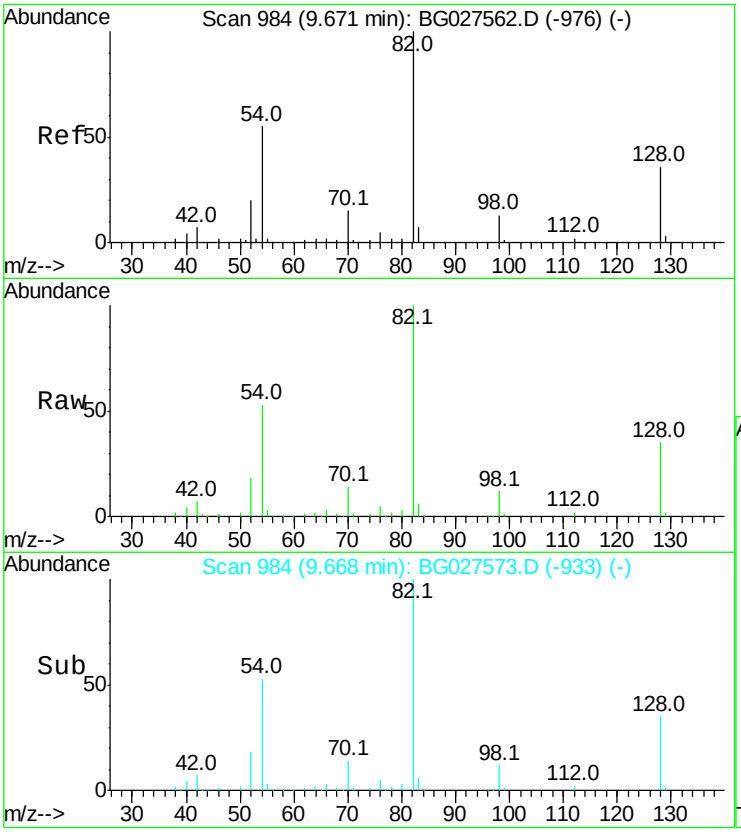


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.32 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:136 Resp: 84296

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.7	9.3	13.9
68	7.1	5.1	7.7



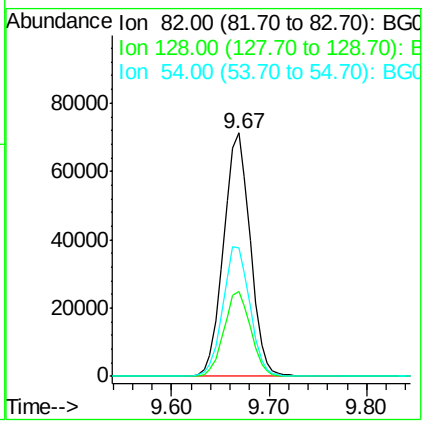


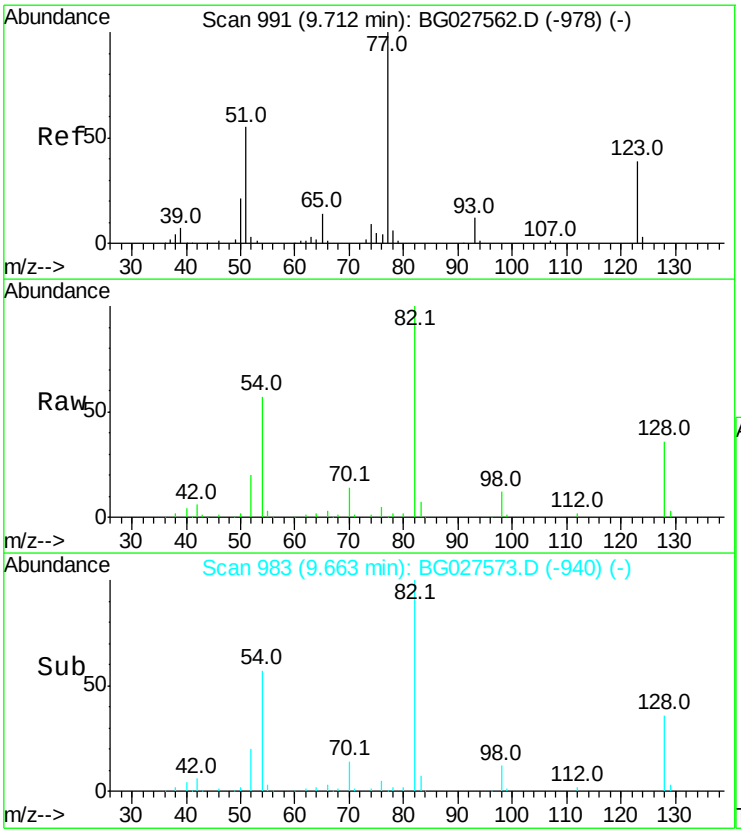
#23
Nitrobenzene-d5
Concen: 75.79 ng
RT: 9.67 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 135010

Ion	Ratio	Lower	Upper
82	100		
128	34.8	26.4	39.6
54	52.9	49.4	74.2

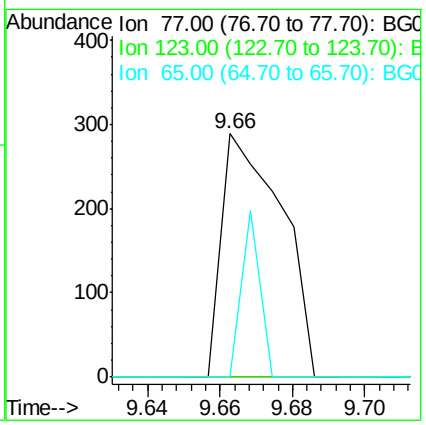


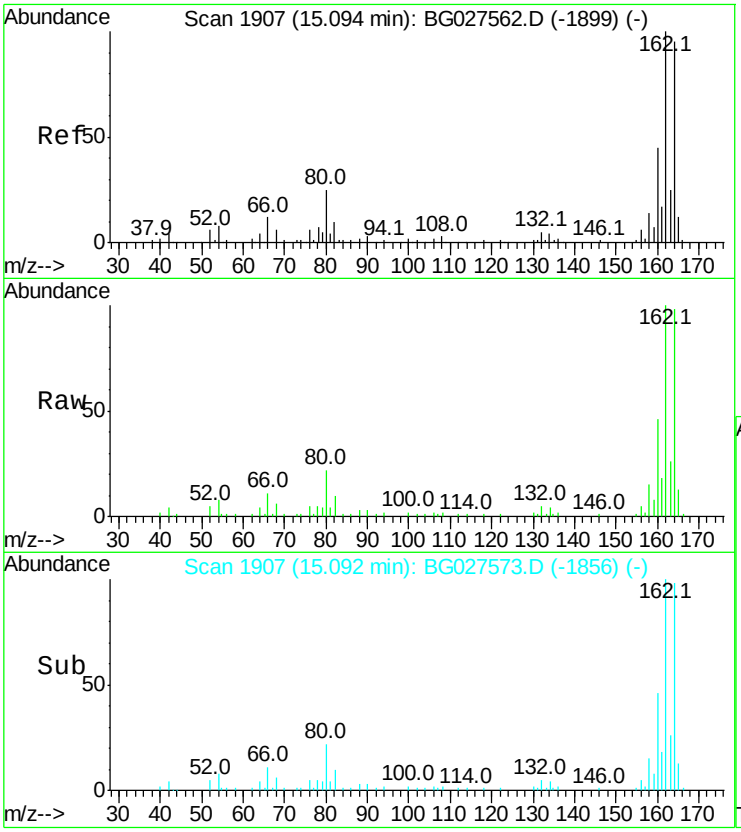


#24
Nitrobenzene
Concen: 0.17 ng
RT: 9.66 min Scan# 983
Delta R.T. -0.05 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion: 77 Resp: 332

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



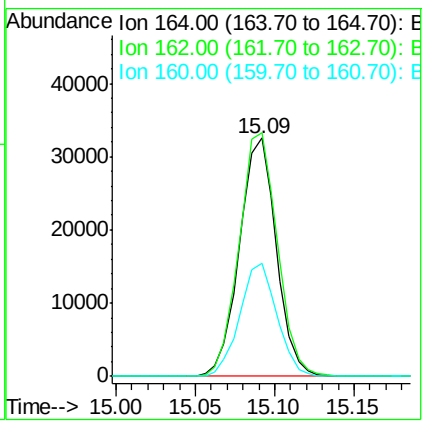


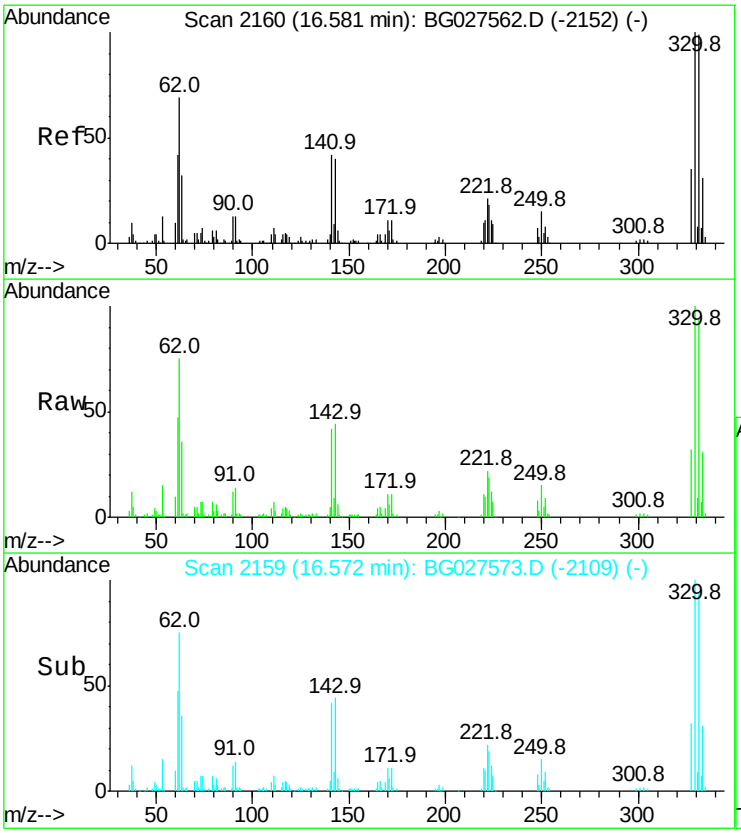
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 52281

Ion	Ratio	Lower	Upper
164	100		
162	102.2	85.1	127.7
160	47.3	34.7	52.1

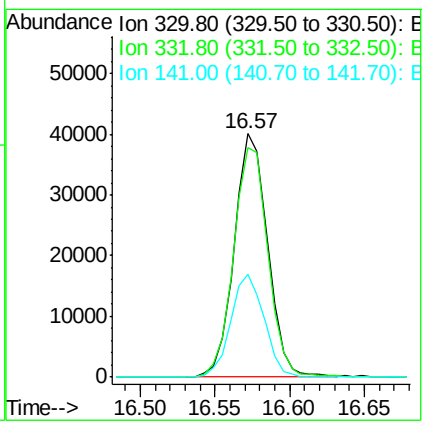


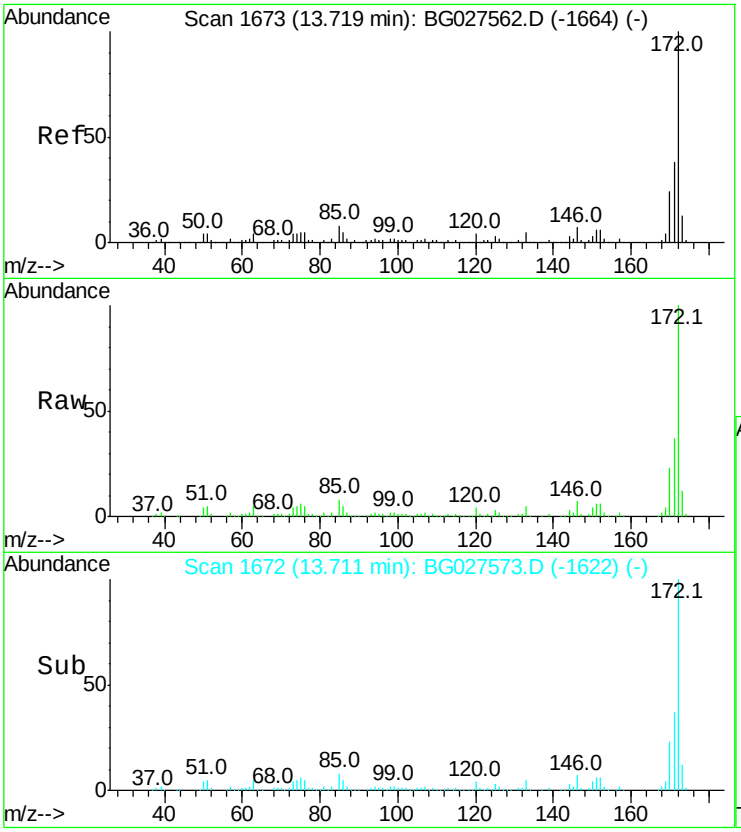


#41
2,4,6-Tribromophenol
Concen: 79.80 ng
RT: 16.57 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:330 Resp: 62196

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	42.4	32.1	48.1



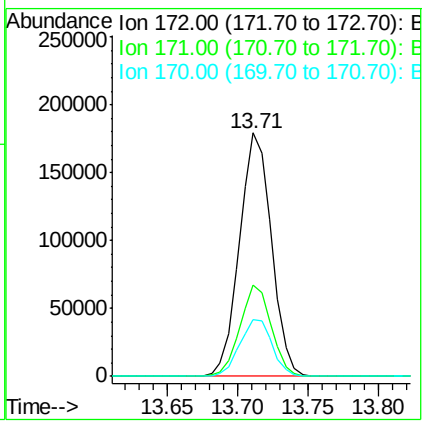


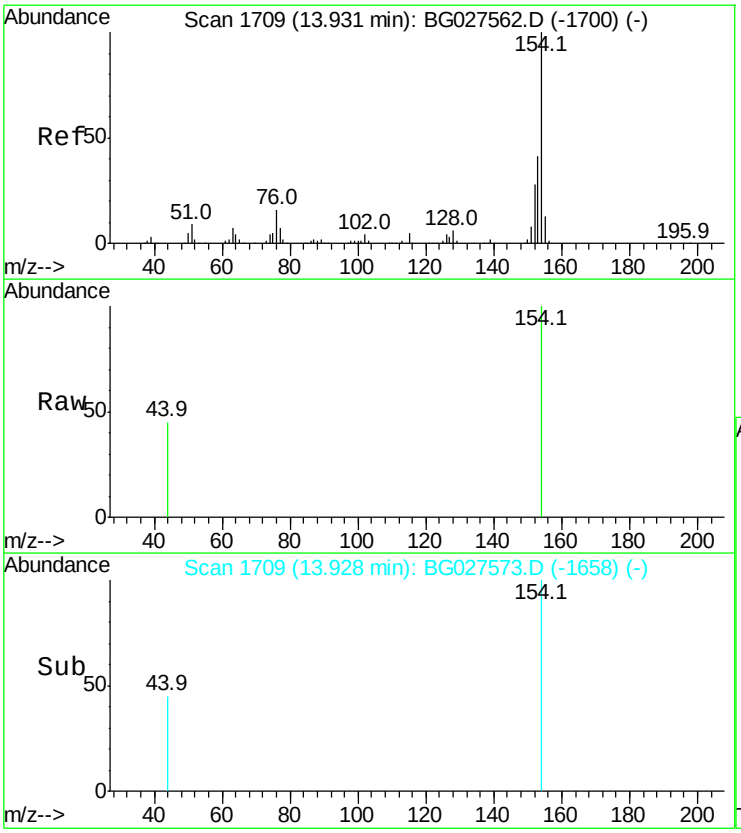
#44
2-Fluorobiphenyl
Concen: 74.41 ng
RT: 13.71 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 284797

Ion	Ratio	Lower	Upper
172	100		
171	37.3	32.2	48.2
170	23.2	21.8	32.6

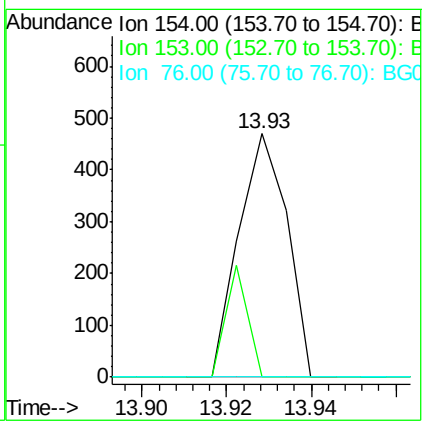


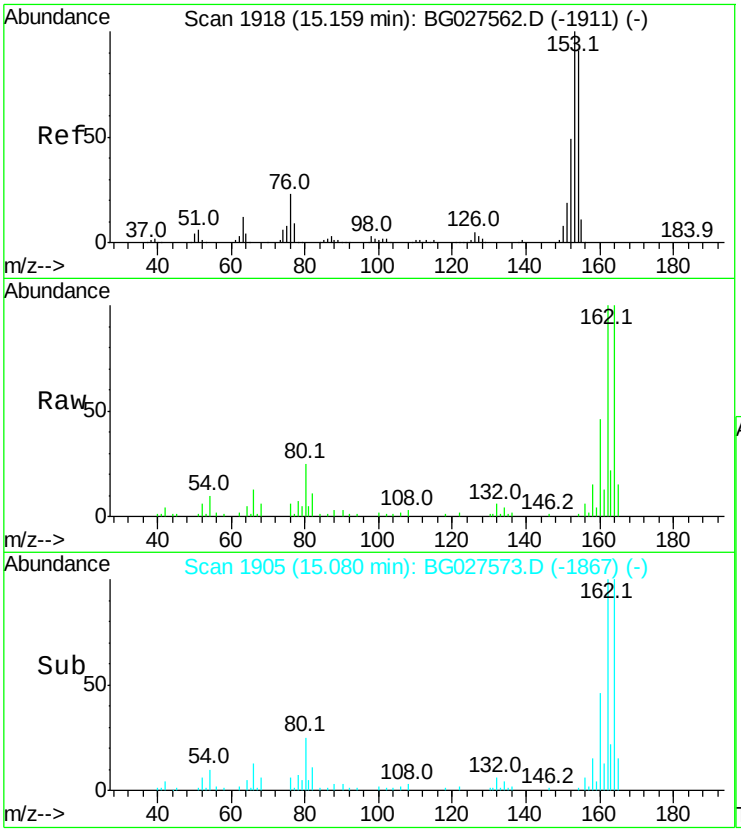


#45
1,1'-Biphenyl
Concen: 0.09 ng
RT: 13.93 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:154 Resp: 372

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



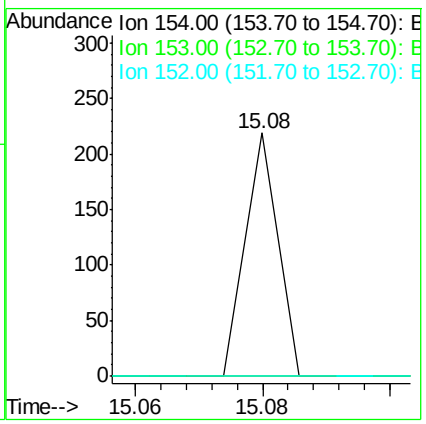


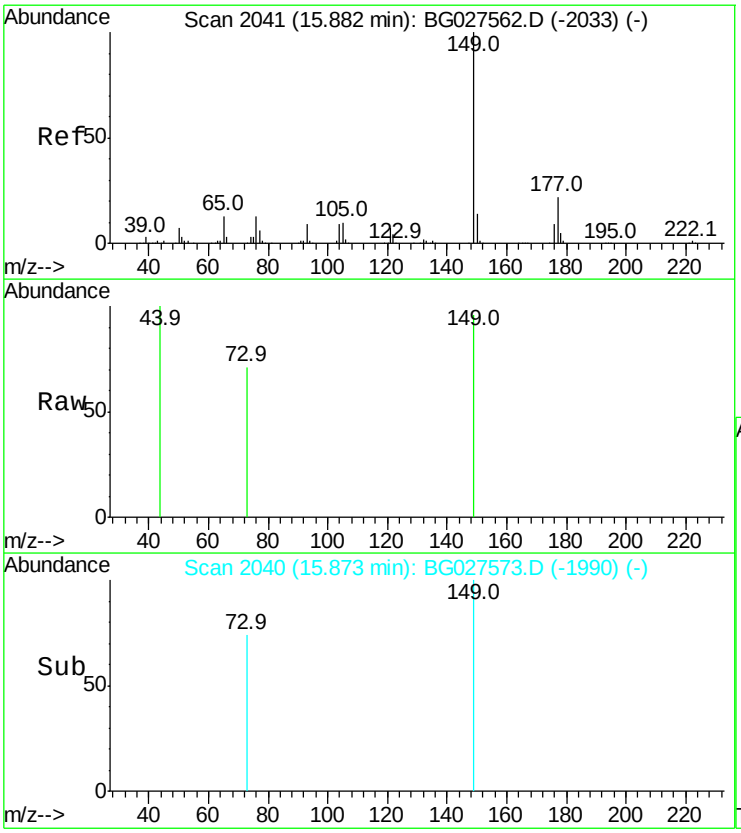
#51
Acenaphthene
Concen: 0.02 ng
RT: 15.08 min Scan# 1905
Delta R.T. -0.08 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 77

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

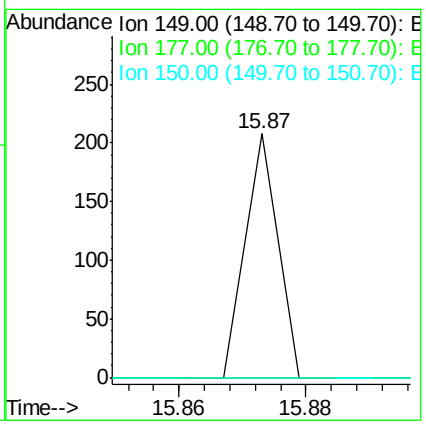


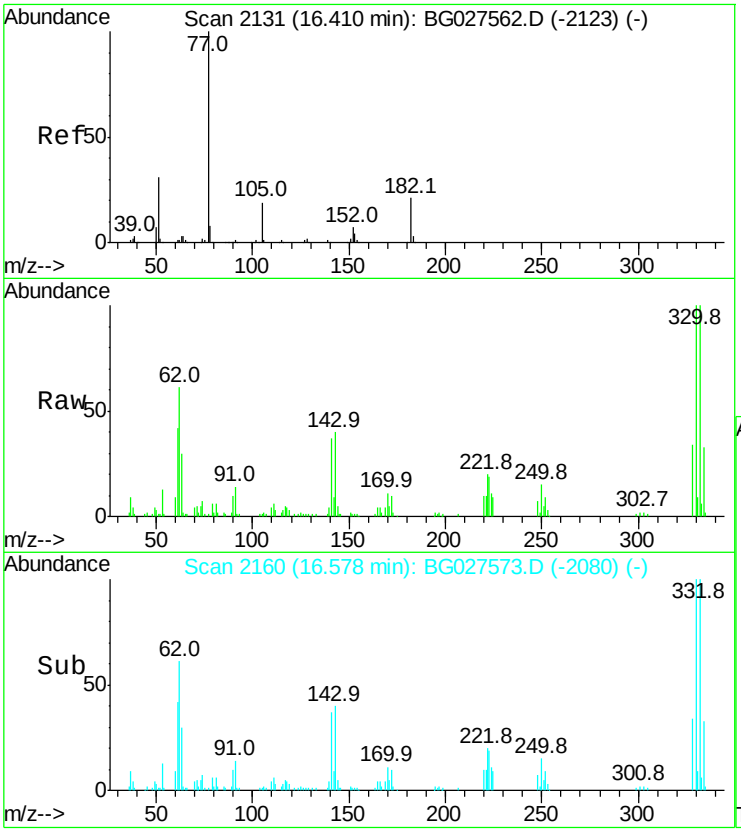


#59
Diethylphthalate
Concen: 0.01 ng
RT: 15.87 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:149 Resp: 73

Ion	Ratio	Lower	Upper
149	100		
177	0.0	20.1	30.1#
150	0.0	10.2	15.2#



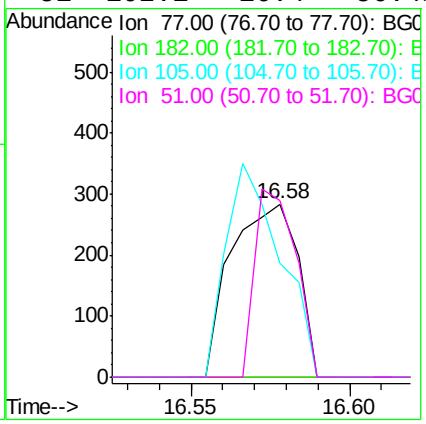


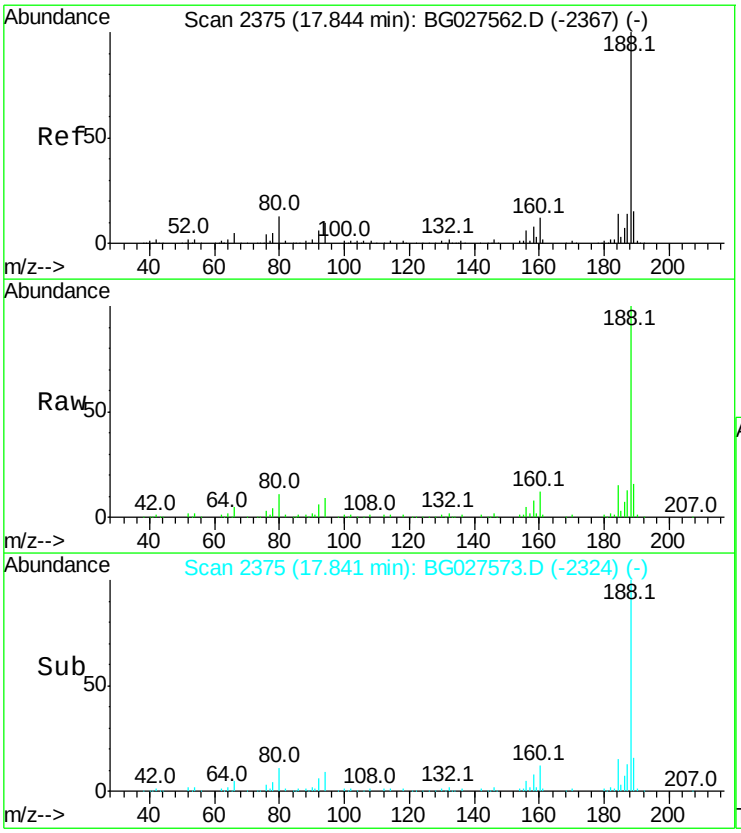
#62
Azobenzene
Concen: 0.08 ng
RT: 16.58 min Scan# 2160
Delta R.T. 0.17 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 412

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.7	44.7#
105	65.8	0.0	36.3#
51	102.1	16.4	56.4#

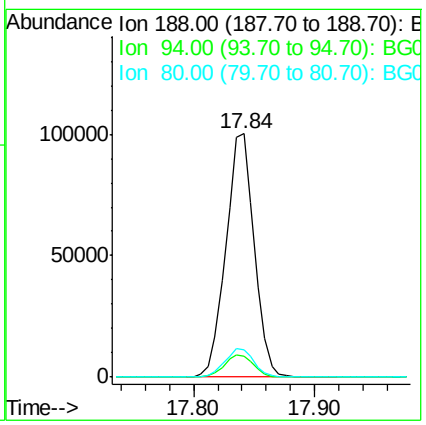


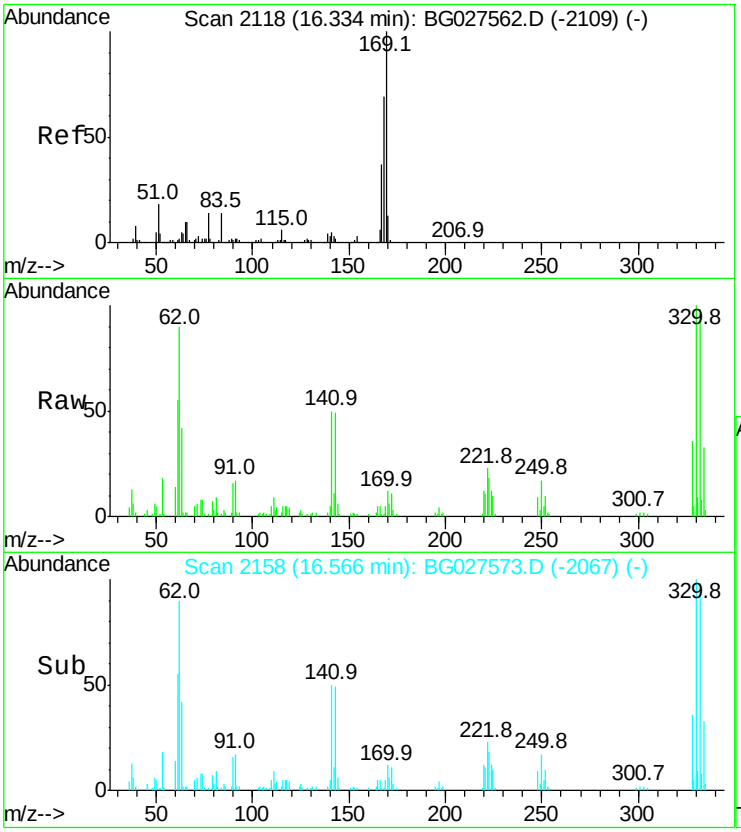


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.84 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:188 Resp: 163388

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.8	8.8
80	11.4	7.5	11.3#



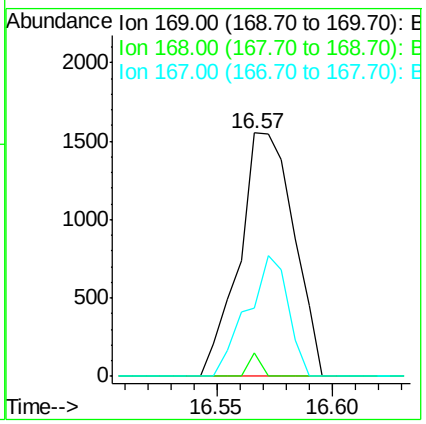


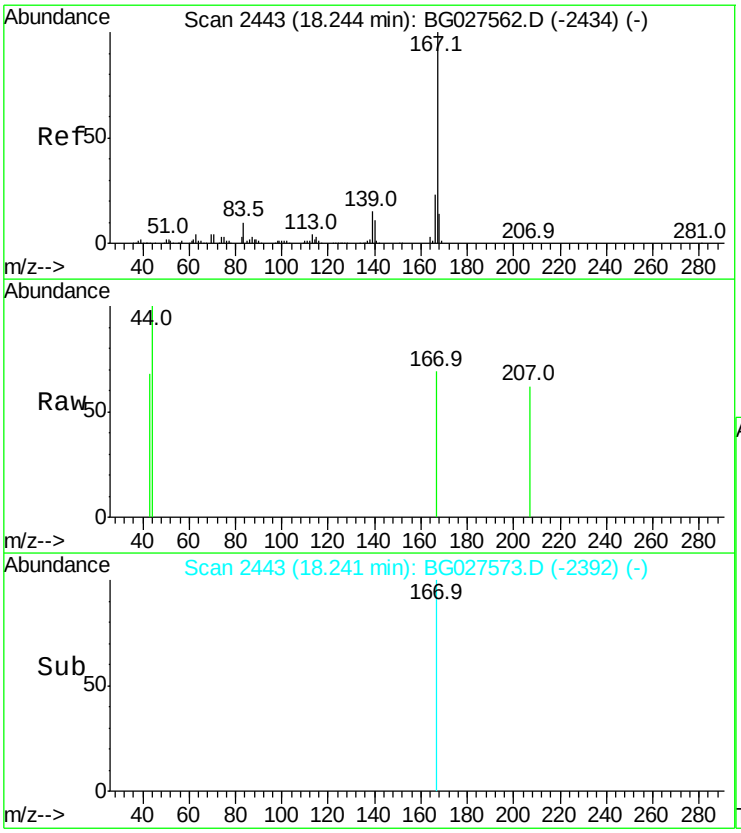
#65
n-Nitrosodiphenylamine
Concen: 0.51 ng
RT: 16.57 min Scan# 2158
Delta R.T. 0.23 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 2555

Ion	Ratio	Lower	Upper
169	100		
168	9.9	55.7	83.5#
167	28.3	29.8	44.6#

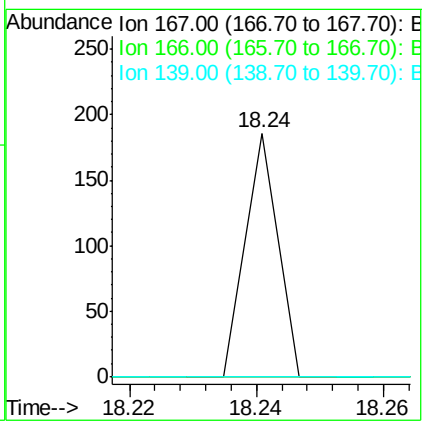


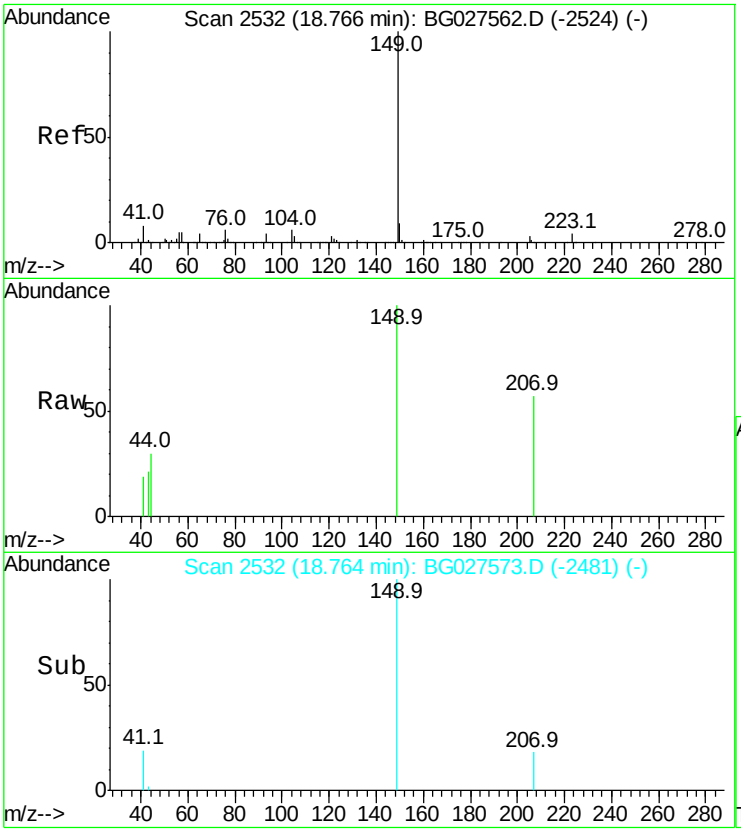


#72
Carbazole
Concen: 0.01 ng
RT: 18.24 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:167 Resp: 66

Ion	Ratio	Lower	Upper
167	100		
166	0.0	20.2	30.2#
139	0.0	12.8	19.2#



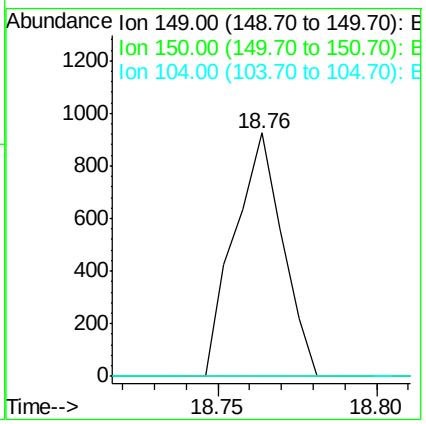


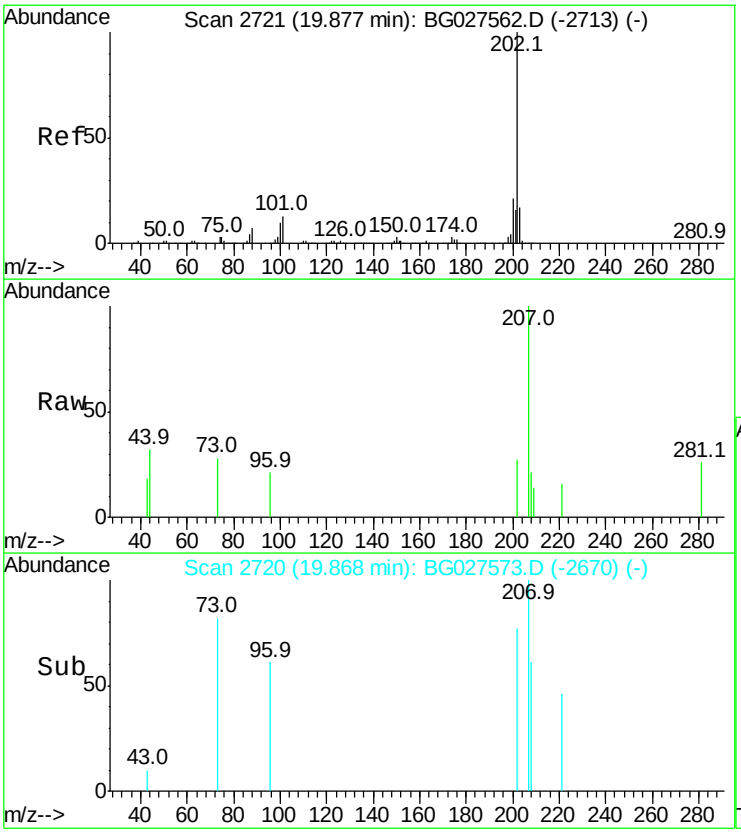
#73
Di-n-butylphthalate
Concen: 0.10 ng
RT: 18.76 min Scan# 2532
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 974

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

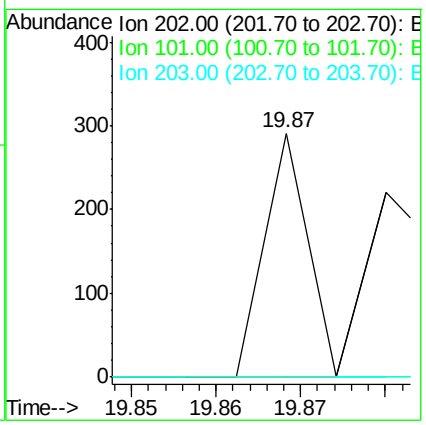


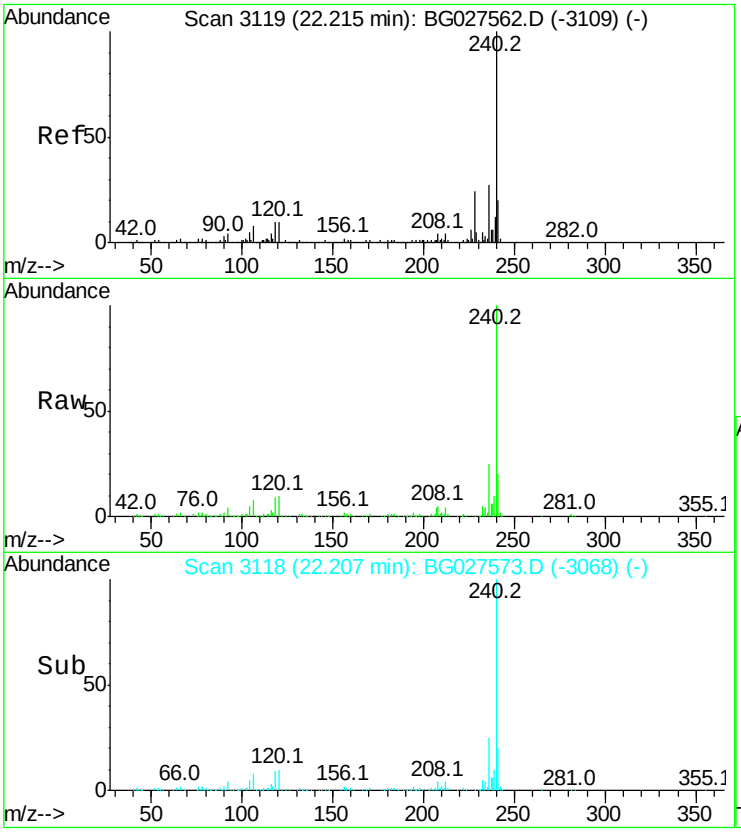


#74
Fluoranthene
Concen: 0.01 ng
RT: 19.87 min Scan# 2720
Delta R.T. -0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:202 Resp: 103

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	30.1
203	0.0	1.3	41.3#



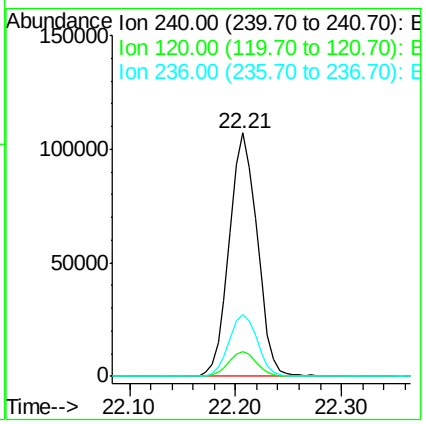


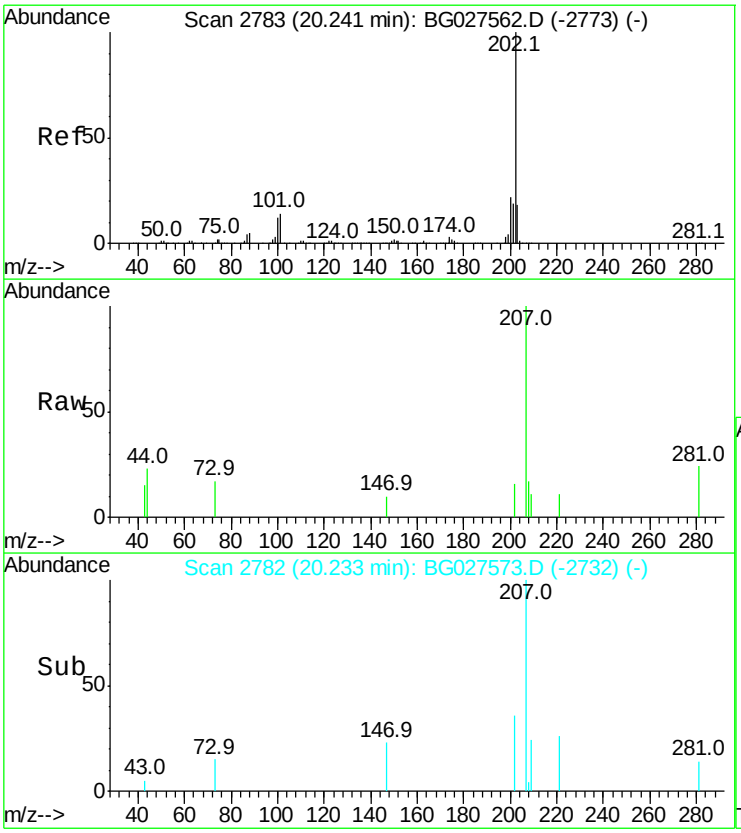
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.21 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 195714

Ion	Ratio	Lower	Upper
240	100		
120	10.1	5.7	8.5#
236	25.4	22.2	33.4

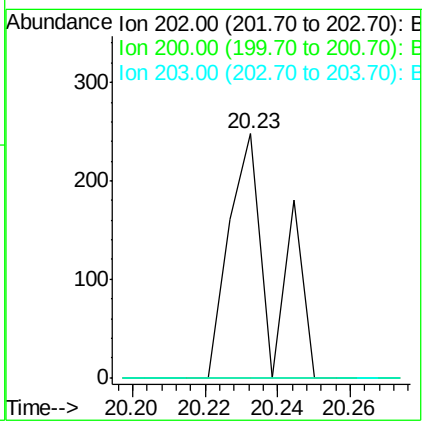


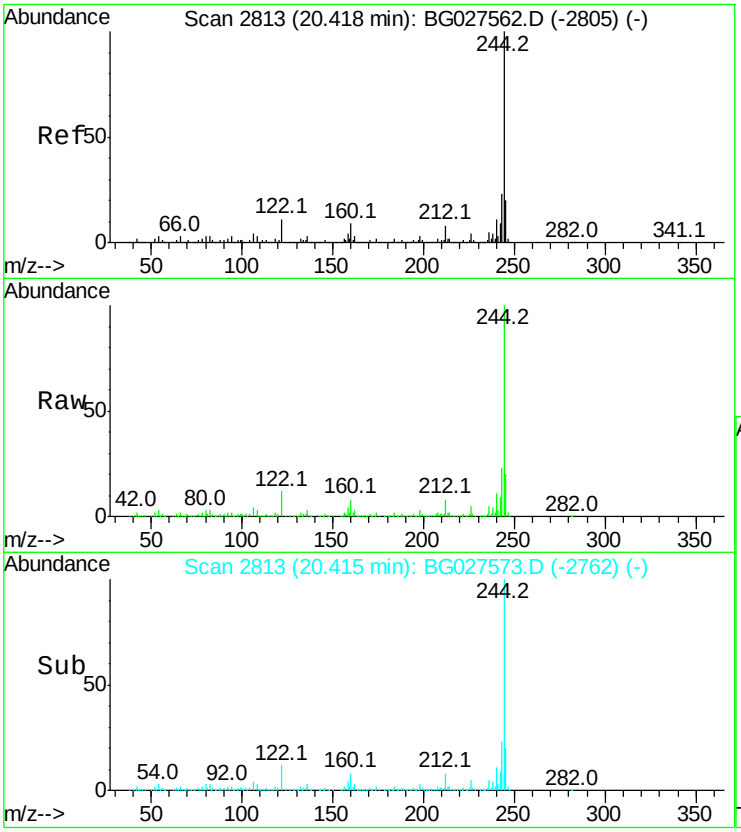


#77
Pyrene
Concen: 0.02 ng
RT: 20.23 min Scan# 2782
Delta R.T. -0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:202 Resp: 208

Ion	Ratio	Lower	Upper
202	100		
200	0.0	19.6	29.4#
203	0.0	15.8	23.8#



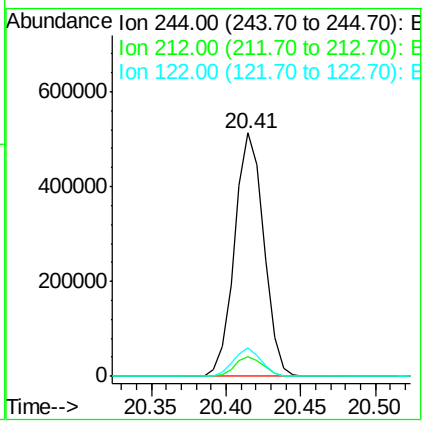


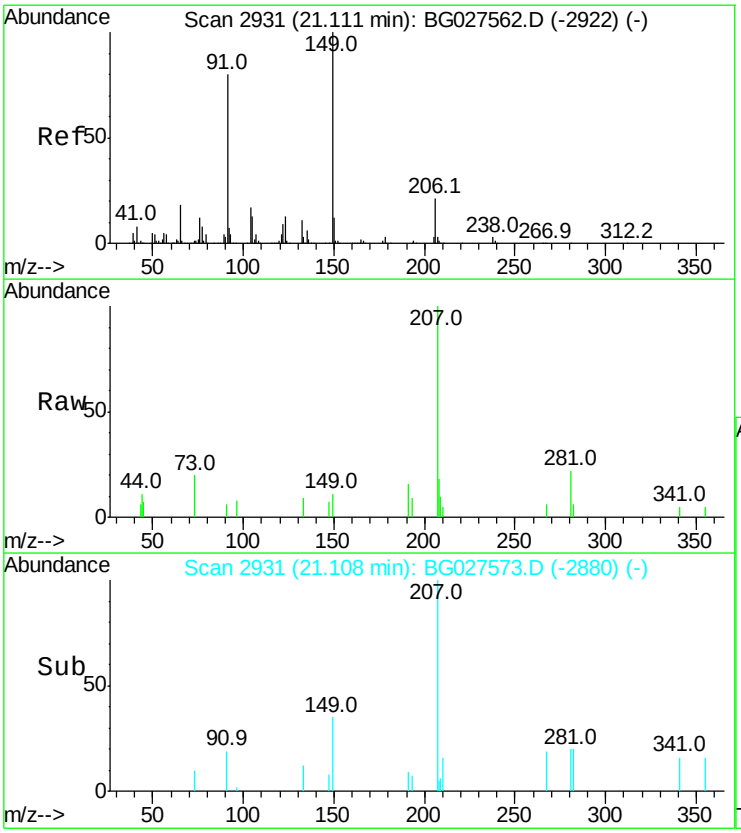
#78
Terphenyl-d14
Concen: 84.17 ng
RT: 20.41 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 699175

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	11.6	8.6	12.8

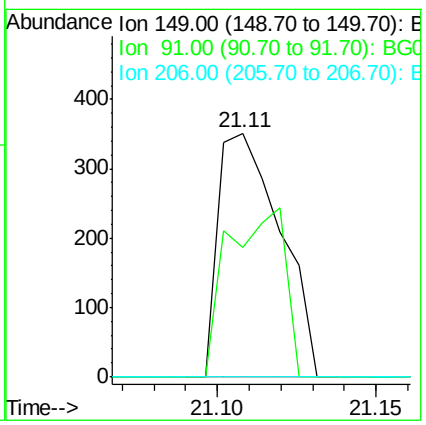


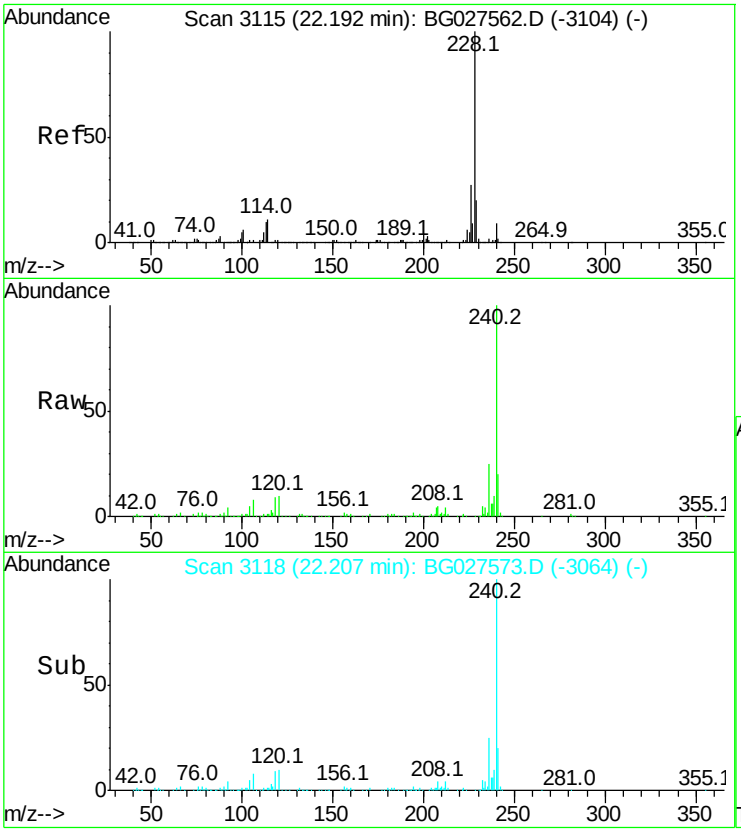


#79
Butylbenzylphthalate
Concen: 0.10 ng
RT: 21.11 min Scan# 2931
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:149 Resp: 474

Ion	Ratio	Lower	Upper
149	100		
91	53.3	63.5	95.3#
206	0.0	21.0	31.6#



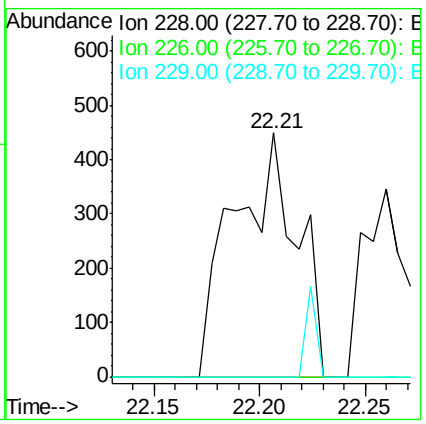


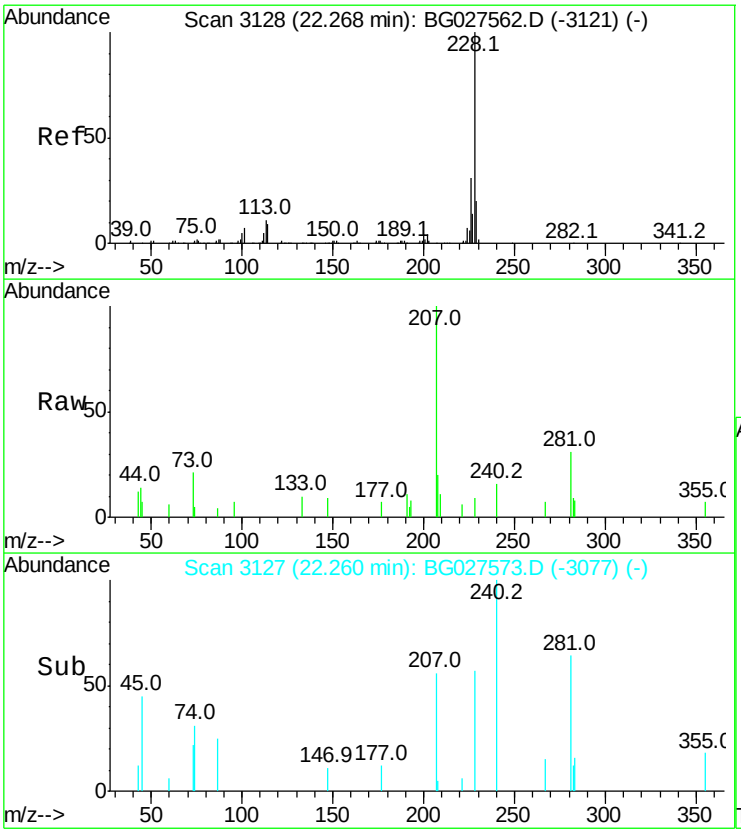
#80
Benzo(a)anthracene
Concen: 0.08 ng
RT: 22.21 min Scan# 3118
Delta R.T. 0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 932

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

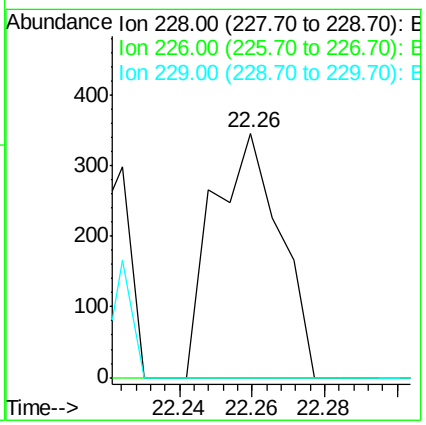


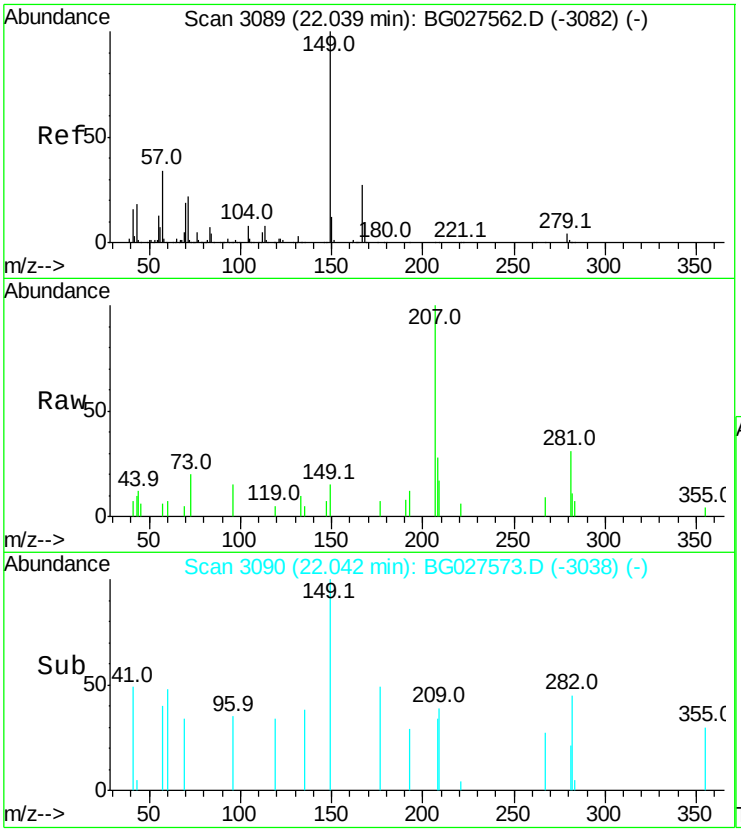


#82
Chrysene
Concen: 0.04 ng
RT: 22.26 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:228 Resp: 442

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



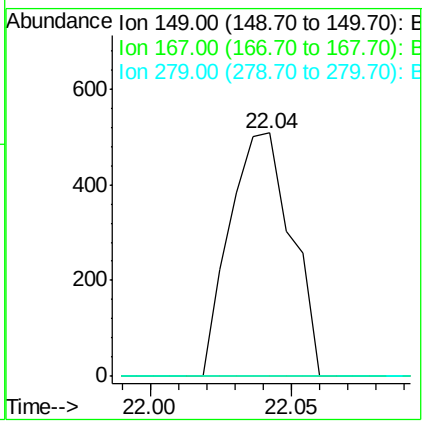


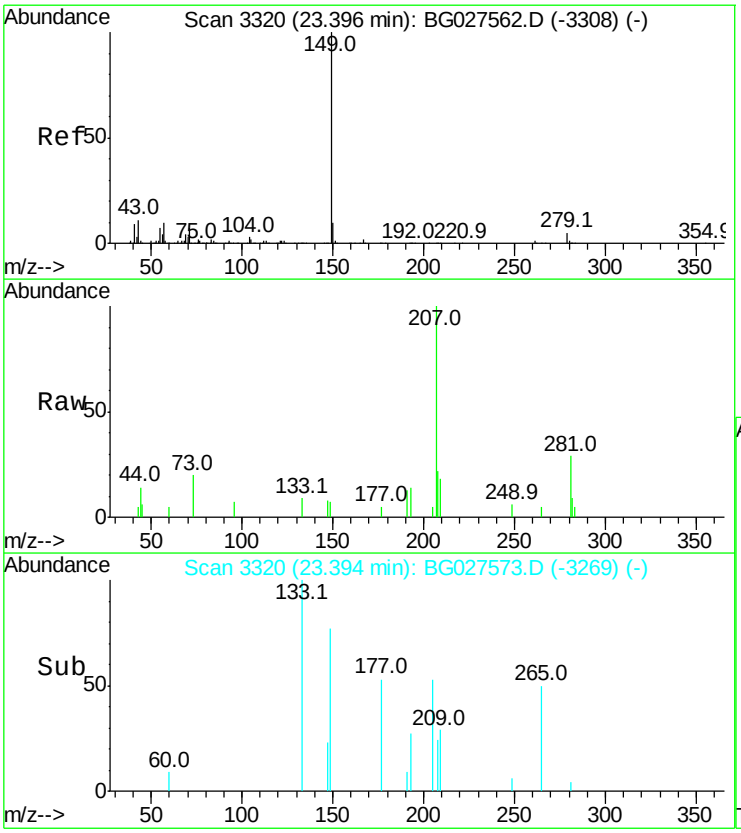
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 22.04 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 766

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

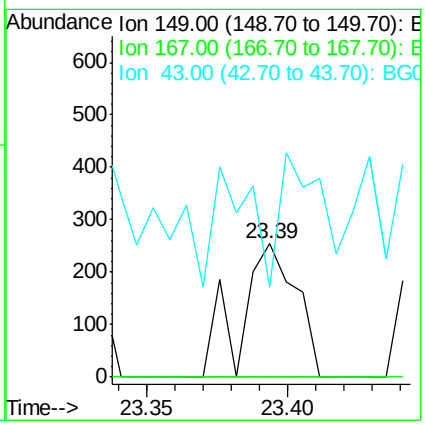


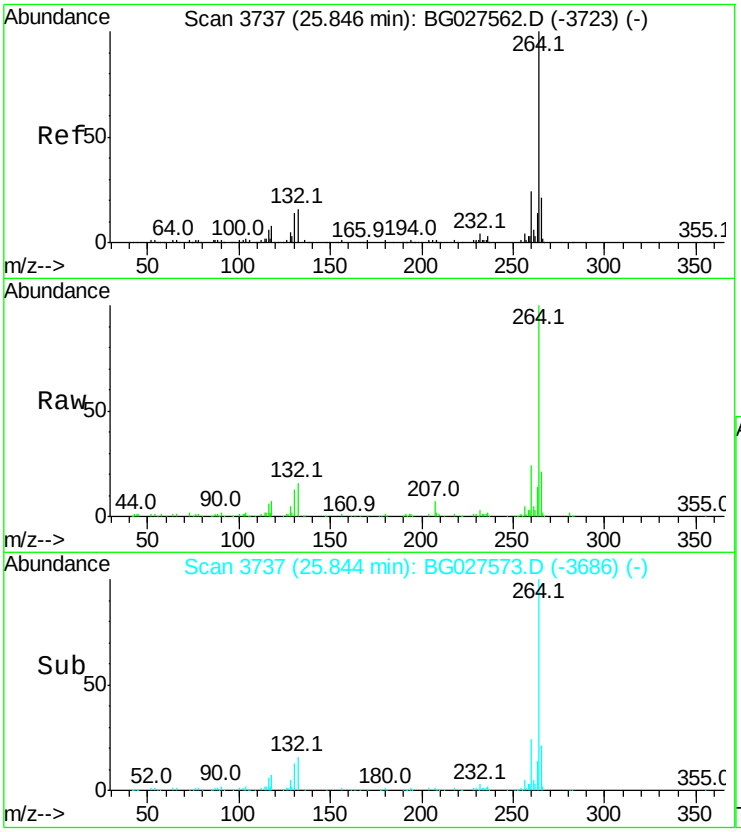


#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 23.39 min Scan# 3320
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:149 Resp: 347

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	72.9	11.8	17.6#



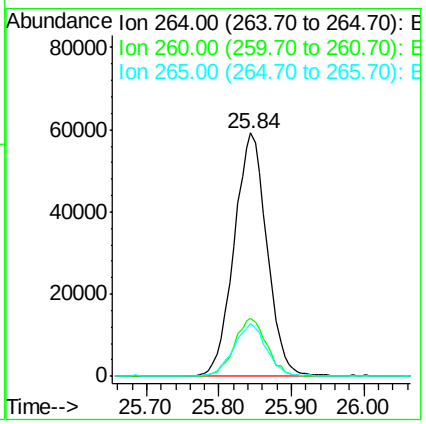


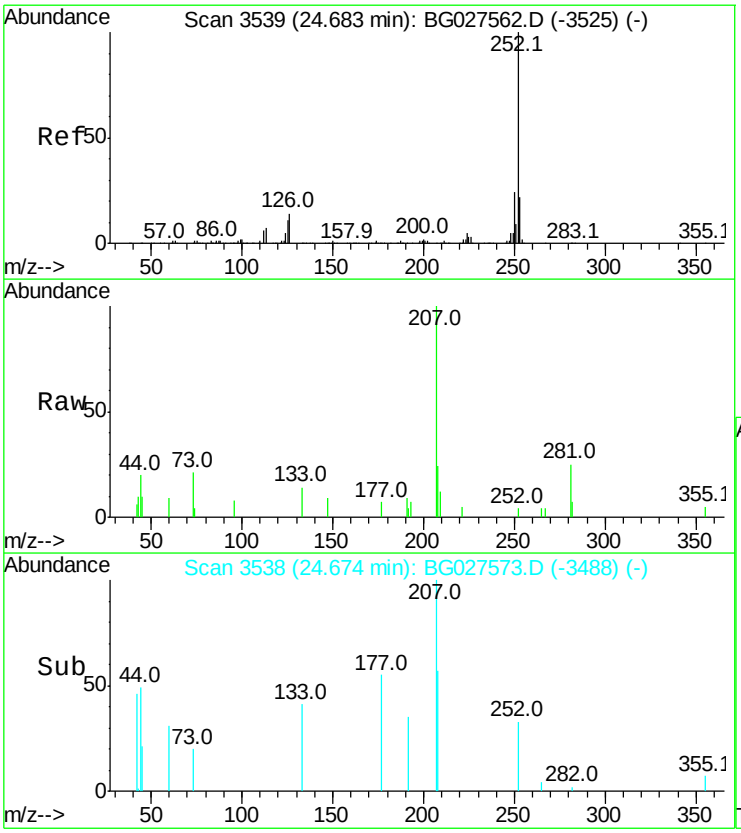
#86
Perylene-d12
Concen: 20.00 ng
RT: 25.84 min Scan# 3737
Delta R.T. -0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 186169

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.5	18.2	27.4

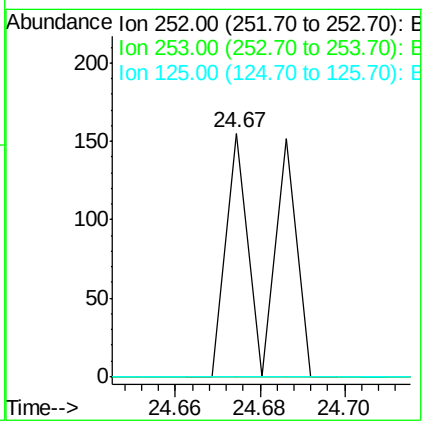


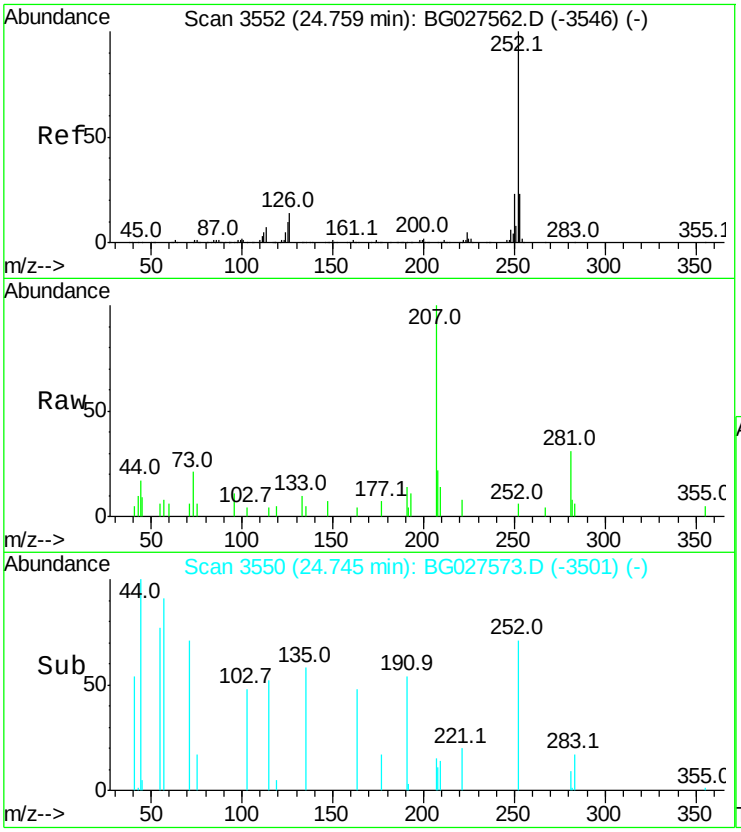


#87
Benzo(b)fluoranthene
Concen: 0.01 ng
RT: 24.67 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:252 Resp: 108

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.7	28.1#
125	0.0	5.3	7.9#



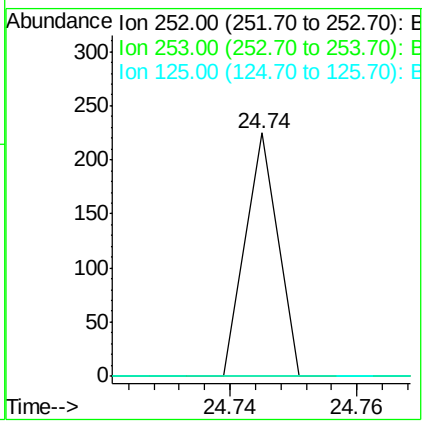


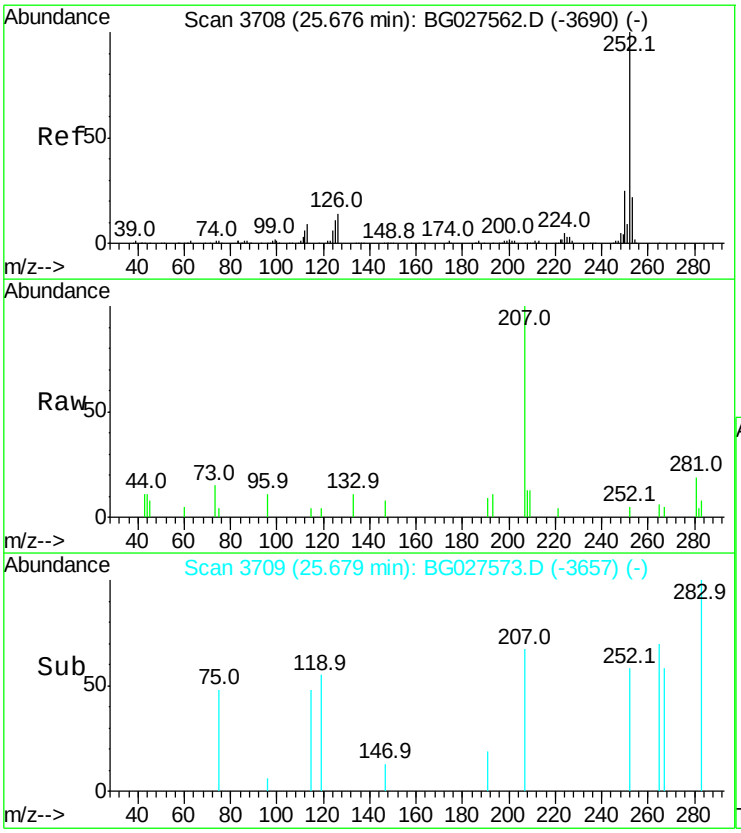
#88
Benzo(k)fluoranthene
Concen: 0.01 ng
RT: 24.74 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 79

Ion	Ratio	Lower	Upper
252	100		
253	0.0	20.2	30.2#
125	0.0	5.1	7.7#





#89
Benzo(a)pyrene
Concen: 0.01 ng
RT: 25.68 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG027573.D
Acq: 21 Jun 2017 23:24

Tgt Ion:252 Resp: 65

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